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BC Geological Survey Assessment Report 42049

Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Soil, Stream Sediment, Rock Sampleing. **TOTAL COST:** 112,266.17

AUTHOR(S): Derrick Strickland **SIGNATURE(S):** Derrick Strickland

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): **YEAR OF WORK:** 2022

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) Reverend Mining Corp. 2)

MAILING ADDRESS:
200 - 551 Howe Street
Vancouver, BC

OPERATOR(S) [who paid for the work]:
1) Reverend Mining Corp. 2)

MAILING ADDRESS:
200 - 551 Howe Street
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.

Next Page

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	546	1079825,1079826	28066.55
Silt	25	1079825,1079826	14033.28
Rock	17	1079825,1079826	14033.27
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			56133.07
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:	112,266.17

ASSESSMENT REPORT ON THE SOGNIDORO PROPERTY

Map Sheet BCGS 92C.100
48° 93’ Latitude 124° 12’ Longitude
UTM 10U 418150E, 5420600N

Nanaimo Mining Division
British Columbia, Canada

Prepared for:

Reverend Mining Corp.
200-551 Howe Street
Vancouver, BC V6C 2C2

Prepared by:

Derrick Strickland, P.Geo.
1251 Cardero Street
Vancouver, BC
April 2024

Table of Contents

1 SUMMARY 3
1.1 Units and Measurements 5
3 PROPERTY DESCRIPTION AND LOCATION 5
4 ACCESSIBILITY, CLIMATE, PHYSIOGRAPHY, LOCAL RESOURCES, AND INFRASTRUCTURE 10
5 HISTORY 11
6 GEOLOGICAL SETTINGAND MINERALIZATION 17
6.1 Regional Geology 17
6.2 Property Geology 20
6.3 MINFILE Showings on the Property 26
7 DEPOSIT TYPES 29
8 EXPLORATION 30
9 SAMPLING, PREPARATION, ANALYSIS, AND SECURITY 35
10 Discussion of Results 37
11 INTERPRETATION AND CONCLUSIONS 39
12 RECOMMENDATIONS 40
13 REFERENCES 41
14 CERTIFICATE OF AUTHOR 44

List of Figures

Figure 1: Regional Location Map 8
Figure 2: Property Tenure Map 9
Figure 3: Regional Geology 18
Figure 4: Stratigraphy 19
Figure 5: Property Geology 25
Figure 6: Minfile Showings 28

Table 1: Definitions, Abbreviations, and Conversions 5
Table 2: Mineral Tenures 6
Table 3: Proposed Budget 40
Table 4 Statement of Costs 45

Appendices

Appendix I: Rock and Petrographic Sample Maps
Appendix II: Sample ID Maps
Appendix III: Rock Sample Map
Appendix IV: Soil Sample Maps
Appendix V: Silt Sample Maps
Appendix V: Assay Keys
Appendix VI: Sample Notes and Data
Appendix VII: Assay Certificates

1 SUMMARY

This report was commissioned by Reverend Mining Inc. (or the “Company”) and prepared by Derrick Strickland, P.Geo. The Sognidoro Property consists of four mineral claims covering 6,514.60 hectares located on NTS map 92C.100 centered at 48.93° North Latitude, 124.12° West Longitude on Southern Vancouver Island, within the Nanaimo Division of British Columbia.

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 Property has no known history of 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.

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).

Mineralization comprises pyrite, chalcopyrite, galena, bornite, molybdenite, azurite, malachite, and chalcanthite 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.

Reverend Mining Inc. conducted an exploration program on the Sognidoro Property from May 11 to June 04, 2022. The exploration programme consisted of total of 21,500 meters of GPS surveyed lines located on three separate grids, the collection of 554 soil samples from the three grids, the collection of 25 regional silt samples, the collection of 17 rock samples, and the collection of 7 petrographic samples.

The Sognidoro Property warrants the following work programme: VLF-EM and magnetometer geophysics to explore for fissure vein and fault related mineralization., soil and rock geochemical sampling, and geological mapping with emphasis on structural controls of mineralization. The compilation of this data will be useful for outlining priority drill targets. The estimated cost of the programme is $184,875.00

In the preparation of this report, the author utilized both British Columbia and Federal Government of Canada geological maps, geological reports, and claim maps. Information was also obtained from British Columbia Government websites such as:

- Map Place -
- Mineral Titles Online
- Geoscience BC
- IMap BC

1.1 Units and Measurements

Table 1: Definitions, Abbreviations, and Conversions

Units of Measure	Abbreviation	Units of Measure	Abbreviation
Above mean sea level	amsl	Micrometre (micron)	µm
Annum (year)	a	Miles per hour	mph
Thailand Currency	Baht	Milligram	mg
Centimetre	cm	Milligrams per litre	mg/L
Cubic centimetre	cm3	Millilitre	mL
Cubic metre	m3	Millimetre	mm
Day	d	Million	M
Days per week	d/wk	Million tonnes	Mt
Days per year (annum)	d/a	Minute (plane angle)	'
Dead weight tonnes	DWT	Minute (time)	min
Degree	°	Month	mo
Degrees Celsius	°C	Ounce	oz.
Degrees Fahrenheit	°F	Parts per billion	ppb
Diameter	ø	Parts per million	ppm
Gram	g	Percent	%
Grams per litre	g/L	Pound(s)	lb.
Grams per tonne	g/t	Power factor	pF
Greater than	>	1,625 metres squared	rai
Hectare (10,000 m^2)	ha	Square centimetre	cm^2
Gram	g	Square inch	in^2
Grams per litre	g/L	Square kilometre	km^2
Grams per tonne	g/t	Square metre	m^2
Greater than	>	Thousand tonnes	kt
Kilo (thousand)	k	Tonne (1,000kg)	t
Kilogram	kg	Tonnes per day	t/d
Kilograms per cubic metre	kg/m^3	Tonnes per hour	t/h
Kilograms per hour	kg/h	Tonnes per year	t/a
Kilometre	km	Total dissolved solids	TDS
Kilometres per hour	km/h	Total suspended solids	TSS
Less than	<	Week	wk
Litre	L	Weight/weight	w/w
Litres per minute	L/m	Wet metric tonne	wmt
Metre	m	Yard	yd.
Metres above sea level	masl	Year (annum)	a
Metres per minute	m/min	Year	yr.
Metres per second	m/s		
Metric ton (tonne)	t		

3 PROPERTY DESCRIPTION AND LOCATION

The Sognidoro Property consists of four non-surveyed mineral claims covering 6,514.604 hectares located on NTS map 92C16, centered at 48.93° North Latitude, 124.12° West Longitude on Vancouver Island, within the Nanaimo Division of British Columbia (See Figure 1, Figure 2, and Table 2).

Table 2: Mineral Tenures

Number	Name	Issue Date	Good to Date	Area ha
1079825	WHYMPER 1	2020-11-30	2026-03-01	2122.40
1079826	WHYMPER 2	2020-12-01	2026-03-01	2079.25
1079827	WHYMPER 3	2020-12-02	2026-03-01	1061.04
1082803	WHYMPER 4	2021-05-31	2026-03-01	360.96
		Total		5623.65

The Mineral Tenures are 100% held by Revend Mining Corp.

In British Columbia, the owner of a mineral claim acquires the right to the minerals that were available at the time of claim location and as defined in the Mineral Tenure Act of British Columbia. Surface rights and placer rights are not included. Claims are valid for one year and the anniversary date is the annual occurrence of the date of record (the staking completion date of the claim. The current mineral claims are on crown land and no further surface permission is required by the mineral tenure holder to access mineral claims.

To maintain a claim in good standing the claim holder must, on or before the anniversary date of the claim either: (a) record the exploration and development work carried out on that claim during the current anniversary year; or (b) pay cash in lieu of work. The amount of work required in years one and two is $5 per hectare per year, years three and four is $10 per hectare, years five and six is $15 per hectare, and $20 per hectare for each subsequent year. Only work and associated costs for the current anniversary year of the mineral claim may be applied toward that claim unit. If the value of work performed in any year exceeds the required minimum, the value of the excess work can be applied, in full year multiples, to cover work requirements for that claim for additional years (subject to the regulations). A report detailing work done and expenditures must be filed with, and approved by, the British Columbia Ministry of Energy and Mines.

All work carried out on a claim that disturbs the surface by mechanical means (including drilling, trenching, excavating, blasting, construction or demolishment of a camp or access, induced polarization surveys using exposed electrodes and site reclamation) requires a Notice of Work permit under the Mines Act and the owner must receive written approval from the District Inspector of Mines prior to undertaking the work.

The Notice of Work must include: the pertinent information as outlined in the Mines Act; additional information as required by the Inspector; maps and schedules for the proposed work; applicable land use designation; up to date tenure information; and details of actions that will minimize any adverse impacts of the proposed activity. The claim owner must outline the scope and type of work to be conducted, and approval generally takes four or nine months.

Exploration activities that do not require a Notice of Work permit include prospecting with hand tools, geological/geochemical surveys, airborne geophysical surveys, ground

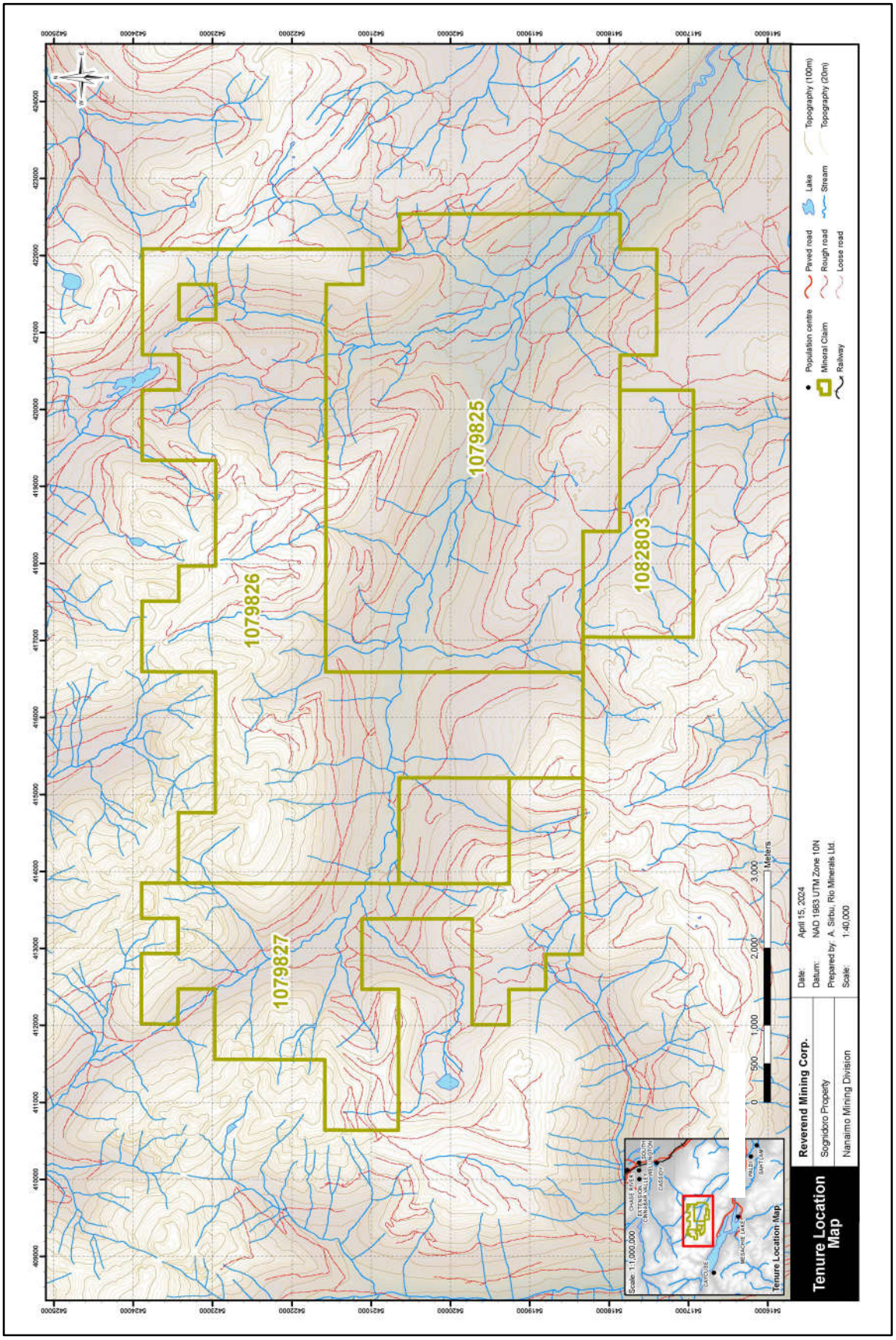
geophysics without exposed electrodes, hand trenching (no explosives), and the establishment of grids (no tree cutting). These activities and those that require permits are outlined and governed by the Mines Act of British Columbia.

The Chief Inspector of Mines makes the decision whether or not land access will be permitted. Other agencies, principally the Ministry of Forests, determine where and how the access may be constructed and used. With the Chief Inspector's authorization, a mineral tenure holder must be issued the appropriate "Special Use Permit" by the Ministry of Forests, subject to specified terms and conditions. The Ministry of Energy and Mines makes the decision whether land access is appropriate and the Ministry of Forests must issue a Special Use Permit. However, three ministries, namely the Ministry of Energy and Mines; Forests; and Environment, Lands and Parks, jointly determine the location, design and maintenance provisions of the approved road.

Notification must be provided before entering private land for any mining activity, including non-intrusive forms of mineral exploration such as mapping surface features and collecting rock, water or soil samples. Notification may be hand delivered to the owner shown on the British Columbia Assessment Authority records or the Land Title Office records. Alternatively, notice may be mailed to the address shown on these records or sent by email or facsimile to an address provided by the owner. Mining activities cannot start sooner than eight days after notice has been served. Notice must include a description or map of where the work will be conducted and a description of what type of work will be done, when it will take place and approximately how many people will be on the site. It must include the name and address of the person serving the notice and the name and address of the onsite person responsible for operations.

Figure 1: Regional Location Map

Figure 2: Property Tenure Map



4 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 l,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.

5 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 throughout the property.

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. The soil geochemical anomalies are restricted to low, sporadically occurring copper highs peaking at 140 ppm. Gold anomalies were not returned 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 one pan sample and two silt samples contained values of 10,000 ppb gold. Copper anomalies returned values of 240ppm.

In 1984, Noranda undertook a detailed geological mapping 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 anomalous in Ag (1.0 - 1.4 ppm).

Imperial Metals Corporation 1984-1985:

Imperial Metals collected 69 contour soil samples in 1984. Results of the soil sampling program 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 35 meters 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 spaced l00m apart.

353 meters 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 carrying 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 l 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 across1 metre.

Vancouver Venture Corporation 1987:

In 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 a creek 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 meters 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.

Auratus Resources Corp. 2021:

Auratus Resources Corp**.** conducted an exploration program on the Sognidoro Property from May 27 to June 16, 2021. The crew consisted of a crew chief, 3 field personnel, and one professional geologist.

A total of 14,000 meters of GPS surveyed grid was located on two grids. This was done in preparation to undertake the soil sampling program. 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.

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.

A total of 37 silt samples were collected from all of the 1st and 2nd order creeks draining the property.

This area of 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 JR Grid has a total of 130 soil samples collected from 100-meter lines oriented in a north south direction. Gold in soils identified two anomalies, returning 60 ppb and 80 ppb gold respectively.

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.

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.

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. The highest copper value returned is 665 ppm.

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

Silt samples taken from 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.

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.

Anomalous zinc in silts is generally over 100 ppm zinc. Samples 1624, 1625, 1626, 1627, and 1628, represent anomalous areas of interest.

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.

Metasediments also contain some thin quartz-calcite-sulphide veins trending sub-parallel to the mafic igneous unit exposed in the south wall of a pit, and 3 selective rock samples were taken each from separate veins, which contained minor sulphides.

6 GEOLOGICAL SETTINGAND MINERALIZATION

6.1 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).

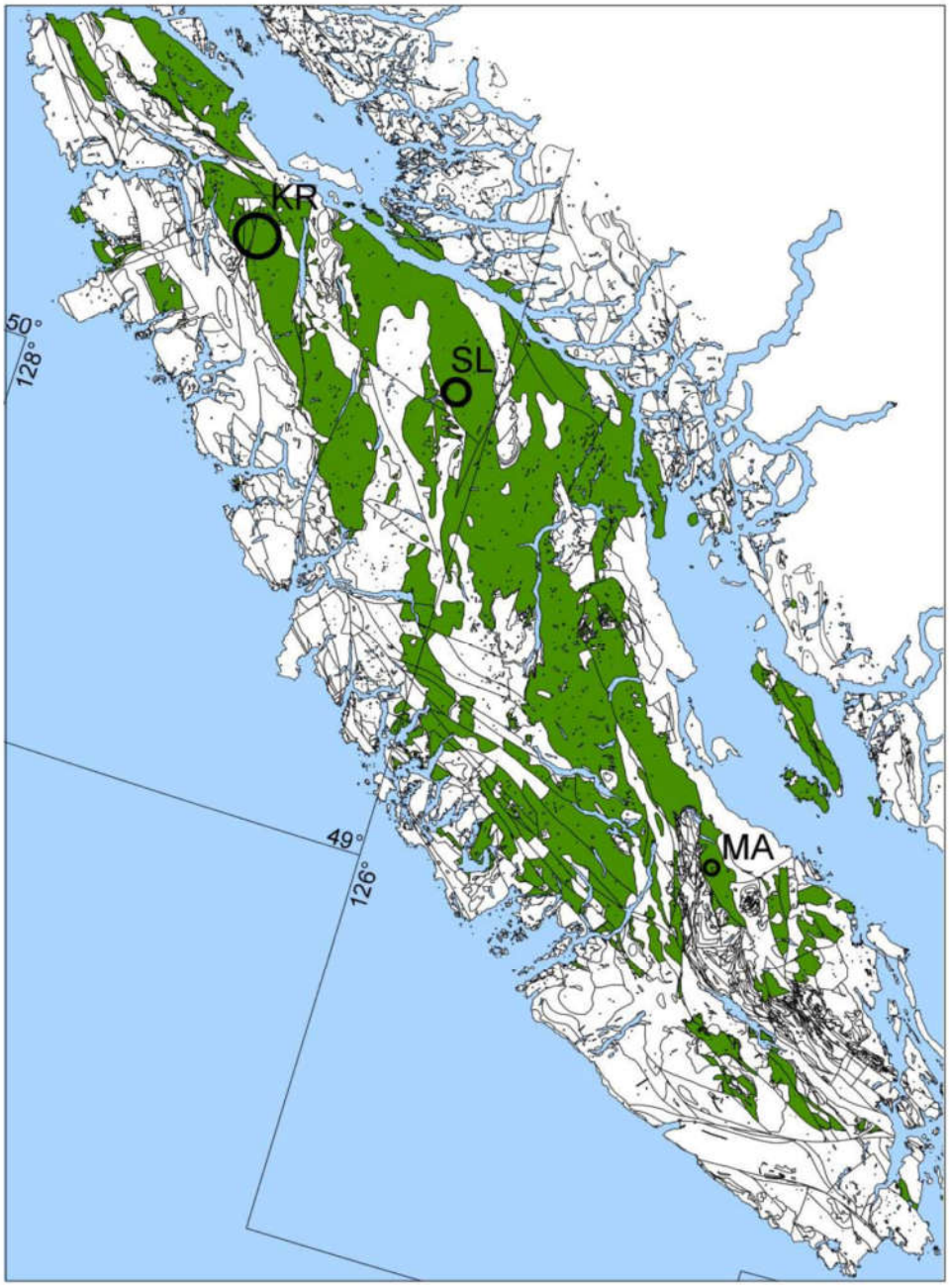
The enormous exposures of the Karmutsen appear to represent a single flood basalt event (Richards et al., 1989). A mantle plume initiation model has been proposed for the Wrangellia flood basalts based on (1) relatively limited geochemical data, (2) the nature of the underlying and overlying formations, (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 1x106 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 ± 150 m); (2) a middle member

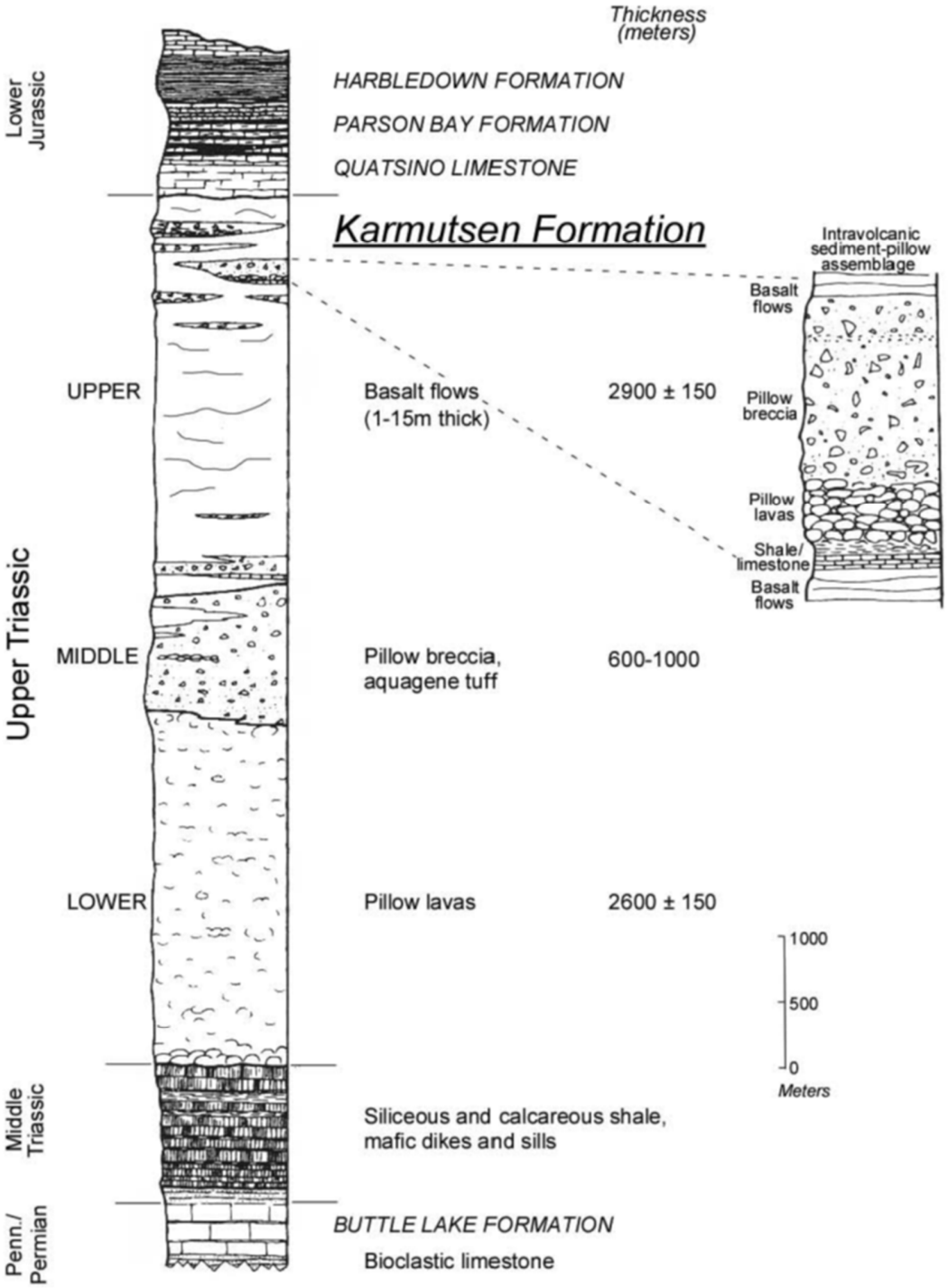
of pillow breccia and aquagene tuff (600–1100 m); and (3) an upper member of massive basalt flows (2600 ± 150 m), (Carlisle & Suzuki, 1974), (Figure 3).

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).

6.2 Property Geology

Wark-Colquitx 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 volcaniclastics. 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 Karmutsen 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 gceenschist 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 volcaniclastic 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 Saltspring 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 Cowiehan 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 ate 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 cocks 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 cocks 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.

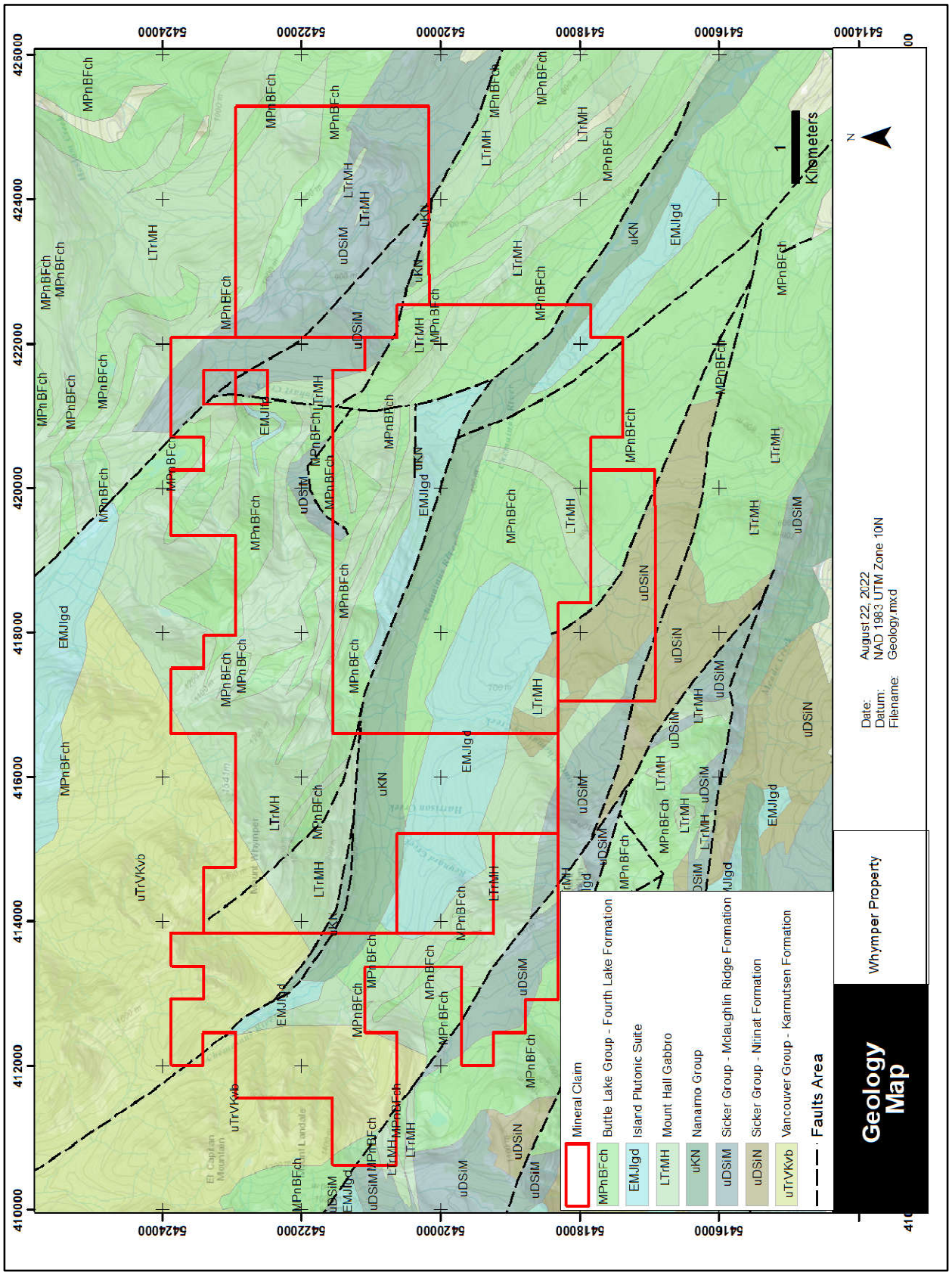
Structure

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 monoclinal 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).

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 60º 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



6.3 MINFILE Showings 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 of up to 1.0 meter 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 meters in width striking 098º and dipping 83º southwest.

In 1986, sampling across 1.0 meter 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 º and dipping 65º 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.

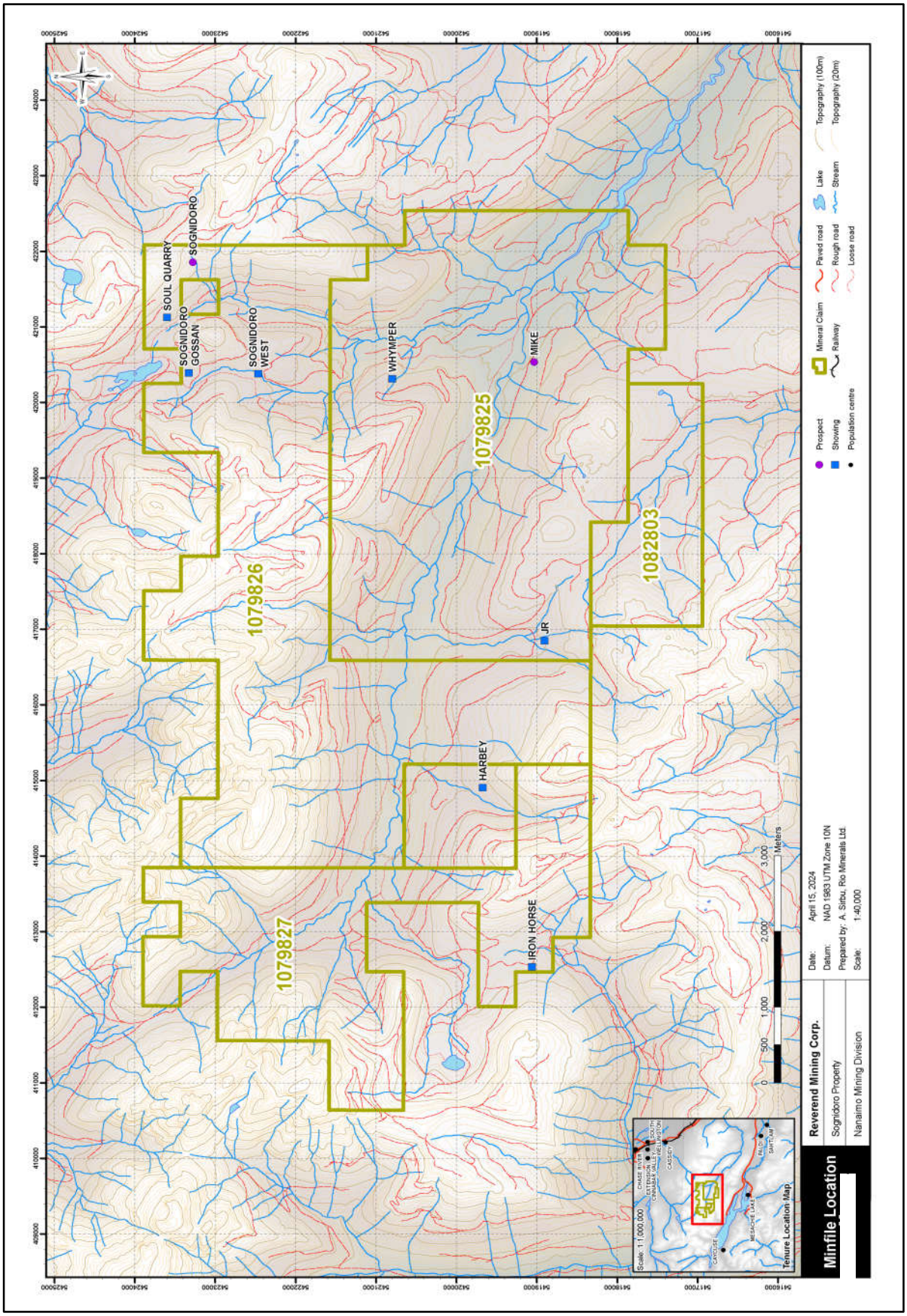
Sognidoro
Mineralization comprises pyrite, chalcopyrite, galena, bornite, molybdenite, azurite, malachite, and chalcanthite hosted within quartz veins. Pyrite, chalcopyrite, hematite and magnetite also occur within jasper horizons. Galena was observed in a quartz vein cutting a diabasic outcrop within 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 meter widths and along strike for 200 meters and 50 meters 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.

Whymper
The Whymper occurrence is located on the eastern flank of Mount Whymper, west of Rheinhart Creek. Locally, light grey, silicified, intermediate volcanics host up to 10 % sulphide-calcite, stockworks of pyrite, sphalerite, and trace chalcopyrite. The host rock has been brecciated and contains stringers and blebs of fine-grained sulphides. In 2011, a sample (18012) assayed 2.41 g/t silver, 334 ppm copper, and greater than 10,000 ppm zinc.

Figure 6: Minfile Showings



7 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 Models.

Intrusion Related Quartz-Sulphide Vein/Breccia Model

Intrusion Related Quartz-Sulphide Vein/Breccia Model 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.

8 EXPLORATION

Reverend Mining Inc. conducted an exploration program on the Sognidoro Property from May 11 to June 04, 2022. The exploration programme consisted of total of 21,500 meters of GPS surveyed soil grids located on three separate grids, the collection of 554 soil samples from the three grids, the collection of 25 regional silt samples, the collection of 17 rock samples, and the collection of 7 petrographic samples. (see appendices for all the exploration data and maps)

A total of 21,500 meters of GPS surveyed grid was located on three separate grids named the North Grid, South Grid, and Mike Grid. The North Grid consists of 16,500 meters of north-south grid lines centered on the Sognidoro and Sognidoro West Showing areas, the South Grid consists of 3,500 meters of north-south grid lines centered on the Whymper showing area, and the Mike Grid consists of 1,500 meters of north-south grid lines centered on the Mike Showing area.

The three grids were established to identify possible buried mineralization in areas of possible anomalous gold, copper, and other minerals. Lines on the North Grid are 1,000 to 1,300 meters in length and are spaced 50 to 100 meters apart. Samples were taken on 50-meter centers. On the South Grid, lines are 500 meters in length, are spaced 50 meters apart, and samples were taken on 25-meter centers. On the Mike Grid, lines are 500 meters in length, are spaced 50 meters apart, and samples were taken on 25-meter centers.

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 blue flag with permanent marker (20150E 20500N).

A total of 554 soil samples were taken on the property during the 2022 programme. Soil samples were taken along the grid lines every 50 meters on the North Grid and every 25 meters on the South Grid and Mike Grid. Soil samples were taken from the “B” Horizon from a consistent depth of 30 to 35 cm using 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 – 20150E, 20500N. Sample characteristics such as location, altitude, depth, and colour were recorded.

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 25 silt samples were collected from all the 1st and 2nd order creeks draining the eastern portion of 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

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 blue and orange flagging with their respective UTM locations marked on the blue flag with permanent marker. Metal tags with the sample number and Project Identifier (S-22 8187) were also hung at each sample location. Two photographs were taken of each sample.

A total of 17 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 in 2022 to expose material sampled previously. Seven of the rock samples collected in 2022 were duplicated and submitted to Vancouver Petrographics for petrographic analysis.

The rock samples consisted of grab and chip samples up to 70 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 and a metal tag with their respective sample identifier (S-22 907445) 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.

Geochemical analysis results:
North Grid: There are several clusters of elevated gold in soil ranging from 25-178 ppb Au. There is a poor correlation in soil samples with gold and copper-arsenic. The anomalous Au in soil zones appear to trend east-northeast but are poorly defined. Analysis of lead are generally low (all samples <45 ppm Pb). Relatively higher lead values of >20 ppm Pb occur in areas underlain by more siliceous, ferruginous and cherty lithologies of Devonian age Sicker Group. Zinc in soil values between 190-1240 ppm Zn occur in an elevated cluster in the northwest portion of the grid. The high zinc in soil correlates with high values in arsenic.

South Grid: There are 5 areas located in the central and south portion of grid that contain gold geochemical analysis results of >20 ppb Au. Elevated gold correlates poorly with

copper-arsenic. The South Grid area is underlain by silicified and pyritic metamorphosed volcanic/sediment of the Mississippian-Permian Buttle Lake Group, intruded by Triassic Mount Hall gabbro-diorite. There are Buttle Lake Group silicified and carbonaceous lithologies present in the area that correlate with elevated gold and arsenic in soil.

Mike Grid: The two highest gold in soil values (191 and 454 ppb Au) come from the west-central part of the Mike Grid. There is a weak correlation with gold and copper. The Mike Grid area is underlain by silicified and pyritic metamorphosed volcanic/sediment of the Mississippian-Permian Buttle Lake Group, intruded by Triassic Mount Hall gabbro-diorite. The soil samples from the Mike and South Grids have similar underlying lithologies, whereas the North Grid is underlain mainly by the Devonian Sicker Group, and the results from soil samples suggest polymetallic mineralization (Cu-Pb-Zn) is more likely to occur in Sicker Group (McLaughlin Ridge Fm), and that fissure vein and replacement (Au-Cu-As) is more likely to be hosted in Buttle Lake Group intruded by Mount Hall gabbro.

Silt Sample geochemical analysis results:
Elevated gold values of >44 ppb Au are related to areas underlain by the Sicker Group in the central part of the silt survey. In the northwest portion of the survey area there are high copper (173 ppm Cu), and zinc (293 ppm Zn) values in silt. The northwest elevated Cu-Zn values drain the headwaters from the east slope of Mount Whymper, and this area is poorly mapped, but may be underlain by layers and/or lenses of Sicker Group. This may be prospective for polymetallic and precious metal bearing mineralization and upstream sources of anomalous Cu-Zn should be explored.

Petrographic samples
7 duplicate rock samples were taken from various location on the property and submitted to Vancouver Petrographics for petrographic analysis.

S-22 S-01: multiple generation quartz vein, in which chalcopyrite-trace pyrite and possible magnetite (?) all partly oxidized to limonite are closely associated with a network of thin late clear quartz veinlets, local sericite/muscovite and chlorite, and partly drusy vugs.

S-22 S-02: “jasperoid”: uncertain rock type intensely replaced by secondary quartz-magnetite-hematite associated with a well-developed, multi-generation set of veinlets.

S-22 S-03: intensely quartz-pyrite-magnetite-minor chlorite-carbonate altered rock of uncertain derivation, cut by veinlets of secondary magnetite with well-developed coarse pyrite envelopes.

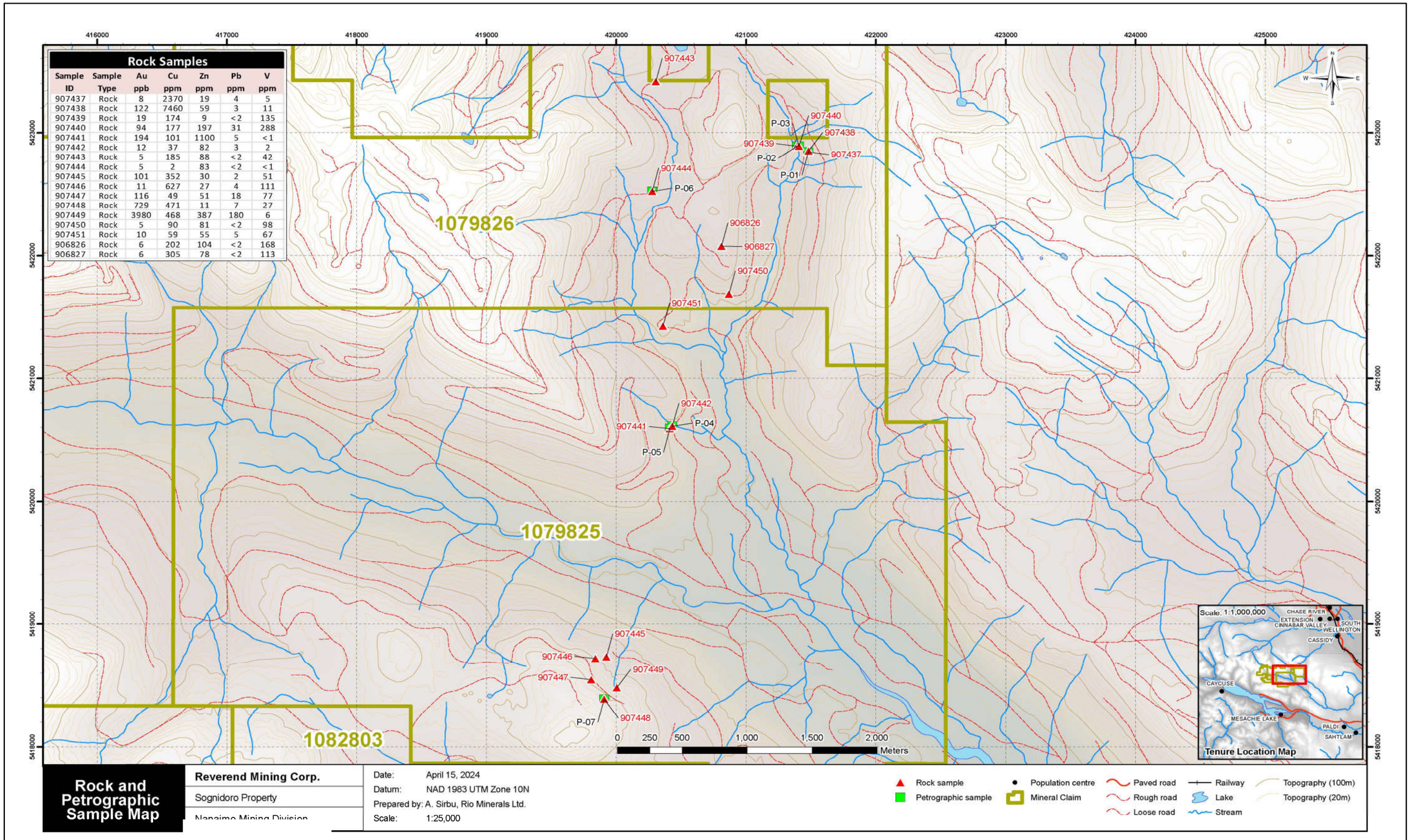
S-22 S-04: plagioclase-quartz-relict mafic sub-phyric latite (?), strongly altered to albite-Kspar?-sericite-chlorite (after secondary biotite?)-pyrite ±rutile associated with stockwork veinlets of carbonate-pyrite-chlorite-quartz.

S-22 S-05: quartz microdiorite (?) with plagioclase altered to sericite (and albite?), interstitial mafics to chlorite/hydrobiotite-carbonate ±rutile-pyrite, and minor primary quartz, cut by veins of carbonate-quartz-minor albite-local sericite, hairline veinlets of pyrite oxidized to limonite.

S-22 S-06: plagioclase-quartz-relict mafic aphyric latite (?), strongly altered to albite-Kspar?-sericite-chlorite (after secondary biotite?)-pyrite ±rutile associated with stockwork veinlets of limonite (after pyrite?)-chlorite-sericite.

S-22 S-07: major quartz vein in which minor pyrrhotite and chalcopyrite (partly oxidized to pitch limonite) are closely associated with patches of highly altered relict wallrock (now Fe carbonate-sericite-chlorite-epidote-local amphibole-sphene ±rutile), and partly drusy vugs.

Figure 7: Rock Sample Map



9 SAMPLING, PREPARATION, ANALYSIS, AND SECURITY

2022 Programme Field Procedures

The 2022 work program was undertaken by Reverend Mining Corp**.** 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 to 50 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: "20500E, 21500N". Sample characteristics such as location, altitude, depth, and colour were recorded and are listed on an excel spreadsheet.

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, Auratus Resources Corp**.,** Reverend Mining 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 marked in the field using flagging tape and metal tags.

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 70 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. 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 similarly couriered to Activation Laboratories located on Dallas Drive in Kamloops, BC.

10 DISCUSSION OF RESULTS

Rock samples 2201, 2202 (corresponding to samples 907439, 907440 & Petrographic samples P-02, P-03): These two rock samples were taken from angular float from an area of cherty tuff of the Sicker Group on mineral tenure 1079826. The minerals present are mainly quartz, carbonate, chlorite, magnetite, hematite, with trace amounts of chalcopyrite and sphalerite.

Rock samples 2201 and 2202 are angular float and were found in an area underlain by McLaughlin Ridge Formation (Sicker Group) andesitic-rhyolitic volcaniclastics (rounded/reworked fine grain), and cherty tuff. This host rock is interpreted as Devonian age island arc environment deposition. A portion of the McLaughlin Formation includes rhyolite fragmental members and quartz-sericite-chlorite schist (located 1,200-1,800 meters south-southeast of rock samples 2201 &, 2202). This quartz-sericite-chlorite alteration may be stratigraphic equivalents of polymetallic deposits, such as the Twin J Mine past producer (Freeze, 1983). The Twin J Mine is classified as a Noranda/Kuroko massive sulphide Cu-Pb-Zn deposit located approximately 18 kilometers east of the Sognidoro Property (Freeze, 1983). Samples 2201 & 2202 are highly silicified and iron oxide (magnetite-hematite) altered rock samples which contain multiple generations of well-defined quartz veinlets. “Jasperoid” texture in samples 2201 & 2202 returned results with elevated copper, silver, gold, and zinc values.

Rock samples 2203 & 2204 are found as angular float in close proximity to outcrop that is highly siliceous McLaughlin Ridge Formation (Sicker Group) cherty tuff. It was not possible to evaluate the attitude of quartz veins found as the area has limited outcrop (except where terrain steepens). Rock samples 2203 & 2204 are mainly quartz which occurs as multiple generation veins and late veinlets with minor sericite-chlorite alteration. The writer observed trace amounts of bronzed coloured sulphide that may be bornite in close association with chalcopyrite occurring as late-stage fracture filling in quartz vein.

Rock sample 2205 corresponds to contractor sample 907443 and was taken from angular float from an area of cherty black tuff of the Sicker Group located on mineral tenure 1079826. The minerals present are mainly quartz, chlorite, albite, and K-feldspar with minor pyrite mineralization. Geochemical analysis results show a general direct correlation (no discrepancies) with the writer’s re-sample of the contractor’s rock chip samples, and the writer considers the geochemical analysis results reliable.

Rock sample 2205 exhibits 5% quartz as 0.1-2 cm wide veining, with 3% disseminated and vein pyrite occurring as 1-5 mm width blebs, streaks, and late-stage infilling.

Rock sample 2206 corresponds with contractor sample number 907444 & Petrographic sample P-06. This is a rock chip sample that was taken from a sample interval of 50 cm in a fault zone from outcrop of volcaniclastic (fine grain siliceous and pyritic rocks) of the Permian age Buttle Lake Group. The fault zone is adjacent to a northeast trending, moderate northwest dipping, 1.5-meter-wide aplite dyke located on mineral tenure 1079826. The minerals present in sample 2206 are mainly quartz, chlorite, albite, and K-feldspar with minor pyrite mineralization. It is unclear whether the aplite dyke is felsic or intermediate composition, but it appears to contain alkali feldspars, quartz, and small amounts of muscovite and biotite.

Analysis results show a general direct correlation (no discrepancies) with the writer's re-sample of rock chip samples; however, the gold values (sample 5 ppb Au, and re-sample 303 ppb Au) show a high degree of variation. The author considers the geochemical analysis results reliable. Variations in gold values (5 to 303 ppb Au) with little or no base metal associated with gold suggest an irregular distribution of gold, and larger sample size is suggested to achieve more repeatable Au analysis values. If the repeatability of Au is not achieved with larger sample size it can be assumed there is an uneven distribution of gold. The strong albite-K feldspar-chlorite-sericite alteration in this sample suggests the area should be explored for polymetallic vein type occurrences.

Rock samples 2207 & 2208 correspond to samples 907441, 907442 & Petrographic samples P-04 & P-05. Two rock chip samples were taken from a sample interval of 50 cm in two separate fault zones located on mineral tenure 1079825. The outcrop consists of Permian age Buttle Lake volcaniclastic that has been weakly metamorphosed (Greenschist facies 250-450 degrees centigrade, 2-6 kbars). The minerals present are mainly quartz, chlorite, carbonate, albite, and K-feldspar with minor pyrite mineralization.

Secondary quartz, sericite, chlorite/hydrobiotite, K-feldspar (with late carbonate-pyrite veinlets) occurring as alteration, and elevated zinc and gold geochemical analysis results from sample 2208 area a re-sample of sample number 907441.

Mineralization occurring in rock sample 2208 is considered a follow-up exploration target with potential gold-silver-lead-zinc-copper bearing fissure vein associated with an east-northeast and west-southwest trending sub-vertical fault zone.

11 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 or 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. 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 to 100 ppm copper are usually considered anomalous. However, on this Property there are many samples that returned greater than 100 ppm Cu. Mineralization discovered on the 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 trending 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 meter.

12 RECOMMENDATIONS

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

Best methods to explore for fissure vein and fault related mineralization are by VLF-EM and magnetometer geophysics, soil and rock geochemical sampling, and geological mapping (with emphasis on structural controls of mineralization). The compilation of data is useful for outlining highest priority drill targets. Geophysics can also include IP that is useful for defining limits of disseminated sulphide mineralization.

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 should be employed to identify other areas of interest.

Table 3: Proposed Budget

Item	Unit	Rate	Number of Units	Total ($)
Data Compilation	1		1	$ 12,000
Geochemistry	days	$2,600	25	$ 65,000
Accommodation and Meals	days	$250	117	$ 29,250
Geological Mapping Geologist	days	$1,100	17	$ 18,700
Assays	sample	$44	950	$ 41,800
Truck Rental	days	$195	25	$ 4,875
ATV Rental	days	$110	25	$ 2,750
Supplies				$ 1,500
Reports	Lump Sum	$9,000	1	$ 9,000
		Subtotal		$ 184,875
TOTAL (CANADIAN DOLLARS)				$ 184,875

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14 CERTIFICATE OF AUTHOR

I, Derrick Strickland, do hereby certify as follows:

I am a consulting geologist at 1251 Cardero Street, Vancouver, B.C.

I am a graduate of Concordia University of Montreal, Quebec, with a B.Sc. in Geology, 1993. I am a Practicing Member in good standing of the Association of Professional Engineers and Geoscientists, British Columbia, license number 1000315, since 2003. I have been practicing my profession continuously since 1993 and have been working in mineral exploration since 1986 in gold, precious, base metals, coal minerals, and diamond exploration, during which time I have used applied geophysics and geochemistry across multiple deposit types. I have worked throughout Canada, the United States, Jamaica, China, Mongolia, South America, Southeast Asia, Europe, West Africa, Papua New Guinea, and Pakistan.

As of the effective date of this Assessment Report, I am not aware of any information or omission of such information that would make this Report misleading.

This certificate applies to the report entitled “Assessment Report on the Sognidoro Property British Columbia NTS 92C16 48.93° North Latitude 124.12° West Latitude” with an effective and signature date April 24th, 2024.

The Assessment Report on the Sognidoro Property British Columbia NTS 92C16 48.93° North Latitude 124.12° West Latitude” with an effective and signature date April 24th 2024 is signed:

Original Signed and Sealed

On this 24th day of April 2024.
Derrick Strickland. P Geo. (1000315)

Table 4 STATEMENT OF COSTS

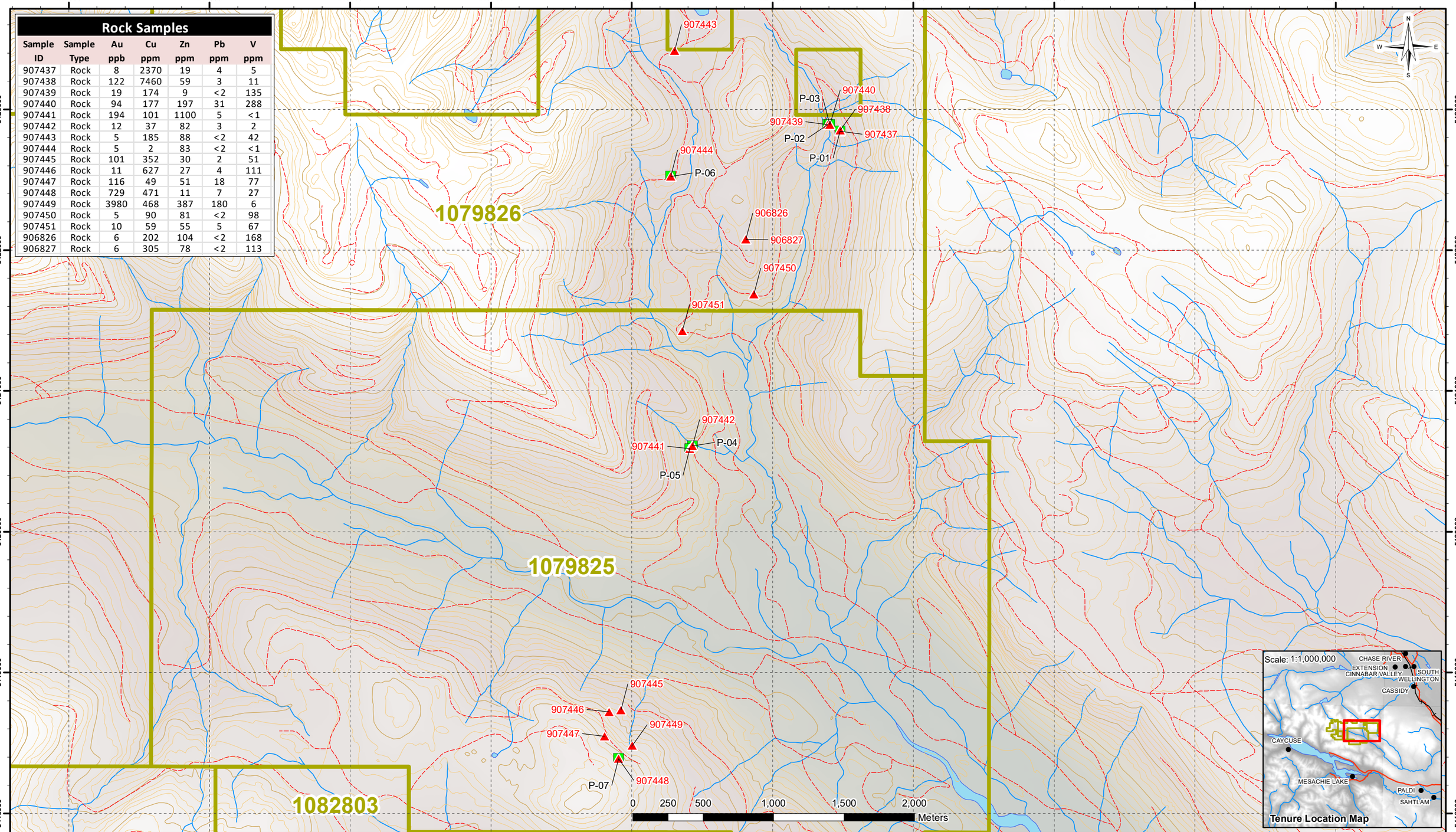
Exploration Work type	**Comment**	**Days**		
Personnel (Name)* / Position	**Field Days (list actual days)**	**Days**	**Rate**	**Subtotal***
Andrew Molnar Crew Chief	May 11 – June 04 2022	25	$650.00	$16250.00
Lyle Gregory Field Crew	May 11 – June 04 2022	25	$550.00	$13750.00
Darryl Oulton Field Crew	May 11 – June 04 2022	25	$550.00	$13750.00
Jaques Houle P. Geo	May 20- May 21 2022	02	$750.00	$1500.00
				$45,250.00
Office Studies	**List Personnel (note - Office only, do not include field days**			
Literature search	Andrew Molnar	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	Ana Sirbu GIS	1.0	$850.00	$850.00
General research	Derrick Strickland P. Geo.	1.0	$500.00	$500.00
Report preparation	Derrick Strickland P. Geo.	7.0	$500.00	$3500.00
Other (specify)	Petrographic	7.0	$315.28	$2207.00
				$9,557.00
Ground Exploration Surveys	**Area in Hectares/List Personnel**			
Geological mapping				
Reconnaissance		*Captured in Personal*		
Prospect		*field expenditures above*		
Trenches				$0.00
Geochemical Surveying	**Number of Samples**	**No.**	**Rate**	**Subtotal**
Silt	25	25	$39.34	$983.50
Soil	546	546	$39.95	$21269.44
Rock	17	17	$41.68	$708.65
				$22961.59
Transportation		**No.**	**Rate**	**Subtotal**
ATV	1 -Honda ATV with trailer	25	$110.00	$2750.00
fuel		1	$1849.87	$1849.87
Truck	3 - 4x4	30	$185.00	$5550.00
Ferry		2	$261.25	$261.25
				$10,411.12
Accommodation & Food	**Rates per day**			
Hotel		75	$140.00	$10500.00
Meals		75	$60.00	$4500.00
				$15,000.00
Miscellaneous				
Access Fees	Timberland Forest Management	1.0	$105.00	$105.00
Job Preparation	Program preparation	1.0	$1395.00	$1395.00
				$1,500.00
Equipment Rentals				
Radios	Radios, field gear	25	$35.00	$875.00
Other (Specify)	Consumables	01	$421.64	$421.64
				$1,296.64
Freight, samples		1.00	$513.47	$513.47
Management		1.00	1.00	$2825.00
				$3,338.47
GST Paid			5%	$2,951.35
Total Expenditures				**$112,266.17**

APPENDIX I

ROCK AND PETROGRAPHIC SAMPLE MAPS

Rock Samples

Sample ID	Sample Type	Au ppb	Cu ppm	Zn ppm	Pb ppm	V ppm
907437	Rock	8	2370	19	4	5
907438	Rock	122	7460	59	3	11
907439	Rock	19	174	9	<2	135
907440	Rock	94	177	197	31	288
907441	Rock	194	101	1100	5	<1
907442	Rock	12	37	82	3	2
907443	Rock	5	185	88	<2	42
907444	Rock	5	2	83	<2	<1
907445	Rock	101	352	30	2	51
907446	Rock	11	627	27	4	111
907447	Rock	116	49	51	18	77
907448	Rock	729	471	11	7	27
907449	Rock	3980	468	387	180	6
907450	Rock	5	90	81	<2	98
907451	Rock	10	59	55	5	67
906826	Rock	6	202	104	<2	168
906827	Rock	6	305	78	<2	113



Rock and Petrographic Sample Map

Reverend Mining Corp.

Sognidoro Property

Nanaimo Mining Division

Date: April 15, 2024

Datum: NAD 1983 UTM Zone 10N

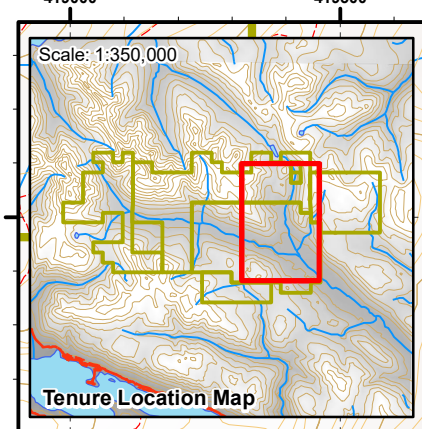
Prepared by: A. Sirbu, Rio Minerals Ltd.

Scale: 1:25,000

Rock sample
Petrographic sample
Population centre
Mineral Claim
Paved road
Rough road
Loose road
Railway
Lake
Stream
Topography (100m)
Topography (20m)

APPENDIX II

SOIL SAMPLE MAPS



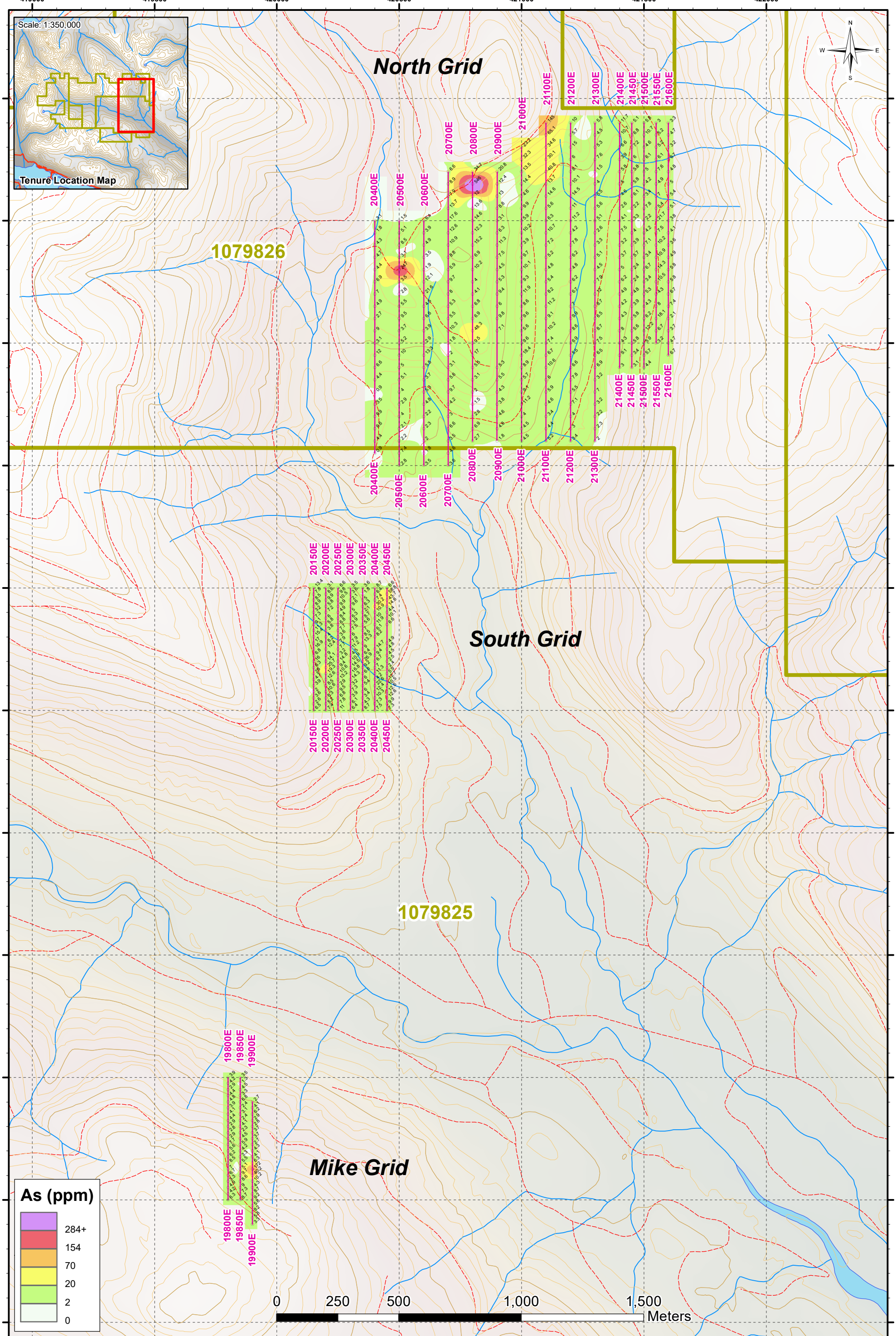
Soil Sample ID Map

Reverend Mining Corp.	
Sognidoro Property	
Nanaimo Mining Division	

Date: April 15, 2024
Datum: NAD 1983 UTM Zone 10N
Prepared by: A. Sirbu, Rio Minerals Ltd.
Scale: 1:14,000

Soil sample
Grid line
Mineral claim
Paved road
Rough road
Loose road
Lake
Stream
Topography (100m)
Topography (20m)

0 250 500 1,000 1,500 Meters

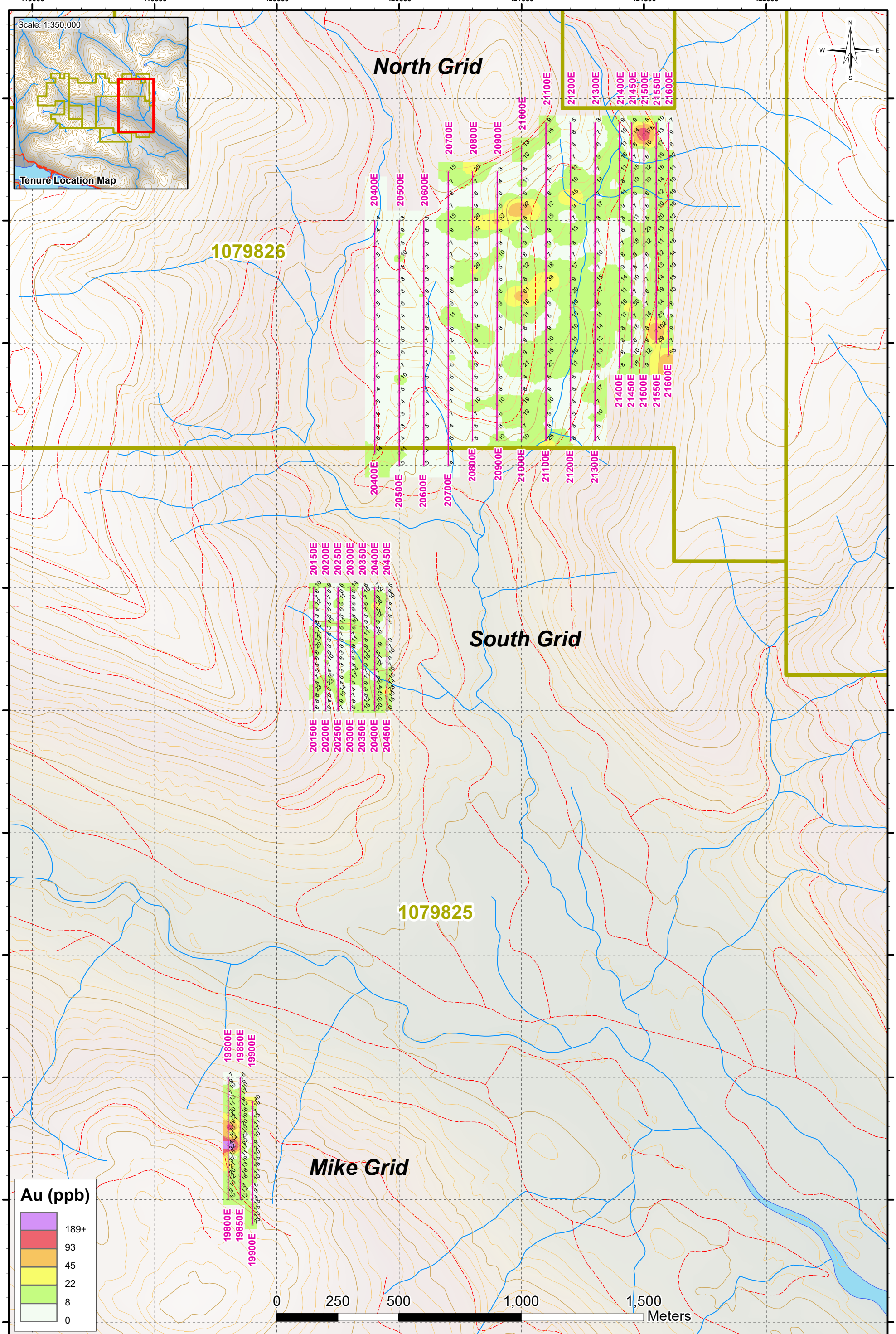


Soil Sample Map

Reverend Mining Corp.	
Sognidoro Property	
Nanaimo Mining Division	

Date: April 15, 2024
Datum: NAD 1983 UTM Zone 10N
Prepared by: A. Sirbu, Rio Minerals Ltd.
Scale: 1:14,000

Soil sample location (As)
Grid line
Mineral claim
Paved road
Rough road
Loose road
Lake
Stream
Topography (100m)
Topography (20m)



Soil Sample Map

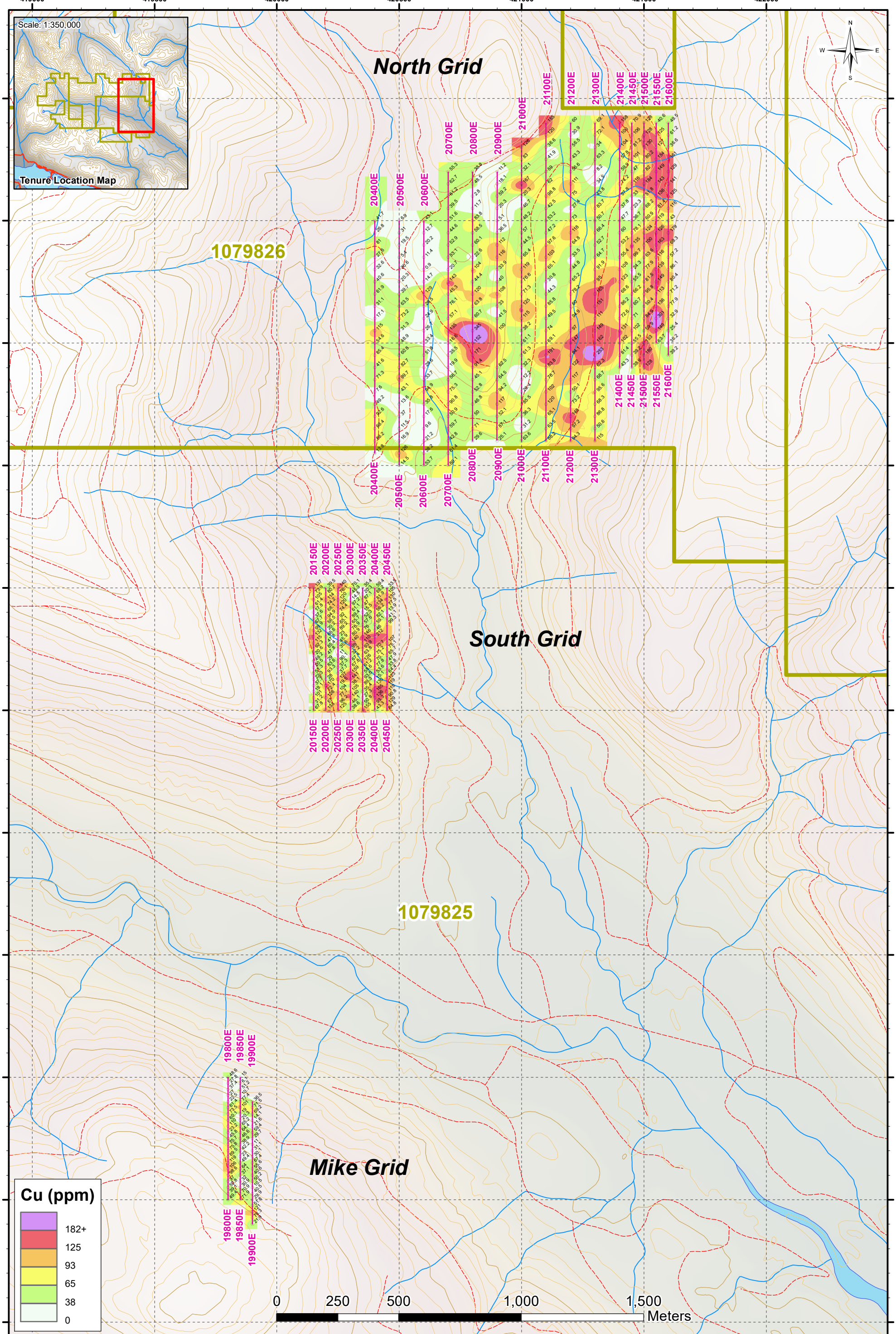
Reverend Mining Corp.

Sognidoro Property

Nanaimo Mining Division

Date: April 15, 2024
Datum: NAD 1983 UTM Zone 10N
Prepared by: A. Sirbu, Rio Minerals Ltd.
Scale: 1:14,000

Soil sample location (Au)
Grid line
Mineral claim
Paved road
Rough road
Loose road
Lake
Stream
Topography (100m)
Topography (20m)



Soil Sample Map

Reverend Mining Corp.

Sognidoro Property

Nanaimo Mining Division

Date: April 15, 2024

Datum: NAD 1983 UTM Zone 10N

Prepared by: A. Sirbu, Rio Minerals Ltd.

Scale: 1:14,000

Soil sample location (Cu)

Grid line

Mineral claim

Paved road

Rough road

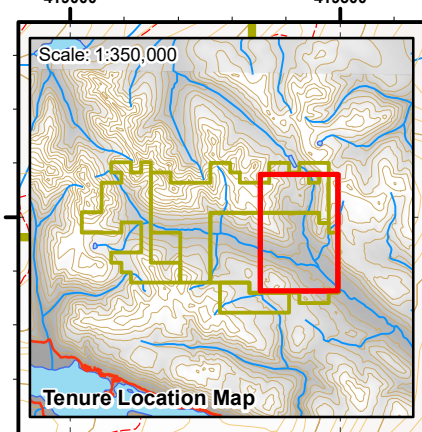
Loose road

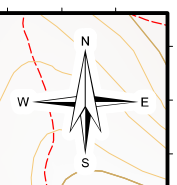
Lake

Stream

Topography (100m)

Topography (20m)





North Grid

1079826

20400E 20500E 20600E 20700E 20800E 20900E 21000E 21100E 21200E 21300E 21400E 21450E 21500E 21550E 21600E

South Grid

1079825

20150E 20200E 20250E 20300E 20350E 20400E 20450E

Mike Grid

19800E 19850E 19900E

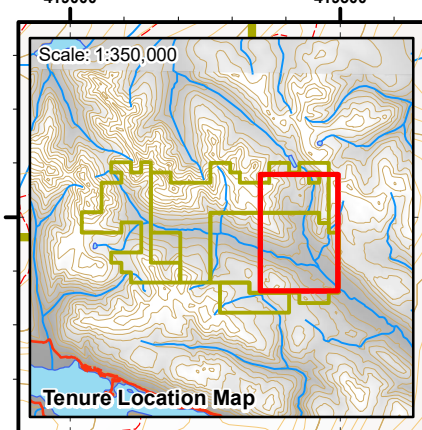
Pb (ppm)

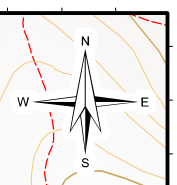
- 24+
- 16
- 12
- 8
- 6
- 0

0 250 500 1,000 1,500 Meters

Soil Sample Map	**Reverend Mining Corp.**	Date: April 15, 2024
	Sognidoro Property	Datum: NAD 1983 UTM Zone 10N
	Nanaimo Mining Division	Prepared by: A. Sirbu, Rio Minerals Ltd.
		Scale: 1:14,000

Soil sample location (Pb) · Grid line · Mineral claim · Paved road · Rough road · Loose road · Lake · Stream · Topography (100m) · Topography (20m)





North Grid

South Grid

Mike Grid

1079826

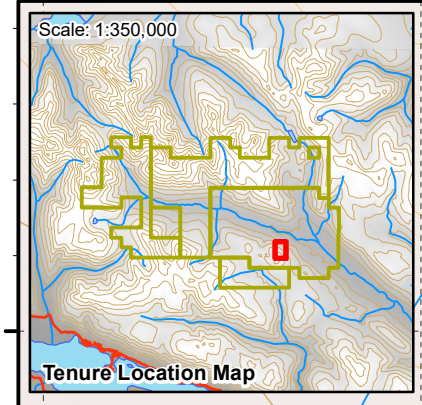
1079825

Zn (ppm)
860+
536
279
136
69
0

0 250 500 1,000 1,500 Meters

Soil Sample Map	**Reverend Mining Corp.**	Date: April 15, 2024
	Sognidoro Property	Datum: NAD 1983 UTM Zone 10N
	Nanaimo Mining Division	Prepared by: A. Sirbu, Rio Minerals Ltd.
		Scale: 1:14,000

Soil sample location (Zn) · Grid line · Mineral claim · Paved road · Rough road · Loose road · Lake · Stream · Topography (100m) · Topography (20m)



Mike Grid

N
W
E
S

419600 419700 419800 419900 420000 420100

5419000 5418900 5418800 5418700 5418600 5418500 5418400

19800E 19850E 19900E

19000N 18975N 18950N 18925N 18900N 18875N 18850N 18825N 18800N 18775N 18750N 18725N 18700N 18675N 18650N 18625N 18600N 18575N 18550N 18525N 18500N 18475N 18450N 18425N 18400N

1079825

0 50 100 200 Meters

Soil Sample ID Map

Reverend Mining Corp.

Sognidoro Property

Nanaimo Mining Division

Date: April 15, 2024
Datum: NAD 1983 UTM Zone 10N
Prepared by: A. Sirbu, Rio Minerals Ltd.
Scale: 1:2,000

Soil sample
Grid line
Mineral claim
Paved road
Rough road
Loose road
Lake
Stream
Topography (100m)
Topography (20m)

Mike Grid

Scale: 1:350,000

Tenure Location Map

1079825

19800E

19850E

19900E

As (ppm)

115+
75
42
18
6
0

0 50 100 200 Meters

Soil Sample Map

Reverend Mining Corp.

Sognidoro Property

Nanaimo Mining Division

Date: April 15, 2024
Datum: NAD 1983 UTM Zone 10N
Prepared by: A. Sirbu, Rio Minerals Ltd.
Scale: 1:2,000

Soil sample location (As)
Grid line
Mineral claim
Paved road
Rough road
Loose road
Lake
Stream
Topography (100m)
Topography (20m)

Mike Grid

Scale: 1:350,000

Tenure Location Map

N

W E

S

419600 419700 419800 419900 420000 420100

5419000 5418900 5418800 5418700 5418600 5418500 5418400

19800E 19850E 19900E

1079825

Au (ppb)

297+
192
115
57
21
0

0 50 100 200 Meters

Soil Sample Map

Reverend Mining Corp.

Sognidoro Property

Nanaimo Mining Division

Date: April 15, 2024
Datum: NAD 1983 UTM Zone 10N
Prepared by: A. Sirbu, Rio Minerals Ltd.
Scale: 1:2,000

Soil sample location (Au)
Grid line
Mineral claim
Paved road
Rough road
Loose road
Lake
Stream
Topography (100m)
Topography (20m)

Mike Grid

Scale: 1:350,000

Tenure Location Map

1079825

19800E

19850E

19900E

48.6	27.8	37.4	27	22.5	61.4	73.5	60.1	110	23.2	45.8	75.7
15	6.1	51.2	10.7	77.4	101	19	20.3	65.2	64.4	46.6	38.9
36.5	71.5	69.2	14.1	21.6	59.4	29.7	11				

75.8	89.5	119	106	98.6	37	50.8	39.1	49.4	51.8	121	78.3
42.2	23	49.4	64	37.1	32	30.9	70.9	71.9			
31.1	30.1	67.4	55.6	40.6	50.2	10.5	40.5	29.9			

21.9					

Cu (ppm)

- 83+
- 64
- 50
- 37
- 23
- 0

0 50 100 200 Meters

Soil Sample Map	**Reverend Mining Corp.**	Date: April 15, 2024
	Sognidoro Property	Datum: NAD 1983 UTM Zone 10N
	Nanaimo Mining Division	Prepared by: A. Sirbu, Rio Minerals Ltd.
		Scale: 1:2,000

Soil sample location (Cu) · Grid line · Mineral claim · Paved road · Rough road · Loose road · Lake · Stream · Topography (100m) · Topography (20m)

Mike Grid

Scale: 1:350,000

Tenure Location Map

1079825

Pb (ppm)

- 26+
- 18
- 14
- 11
- 8
- 0

0 50 100 200 Meters

Soil Sample Map	Reverend Mining Corp.
	Sognidoro Property
	Nanaimo Mining Division

Date: April 15, 2024
Datum: NAD 1983 UTM Zone 10N
Prepared by: A. Sirbu, Rio Minerals Ltd.
Scale: 1:2,000

Soil sample location (Pb)
Grid line
Mineral claim
Paved road
Rough road
Loose road
Lake
Stream
Topography (100m)
Topography (20m)

Mike Grid

Scale: 1:350,000

Tenure Location Map

1079825

Zn (ppm)

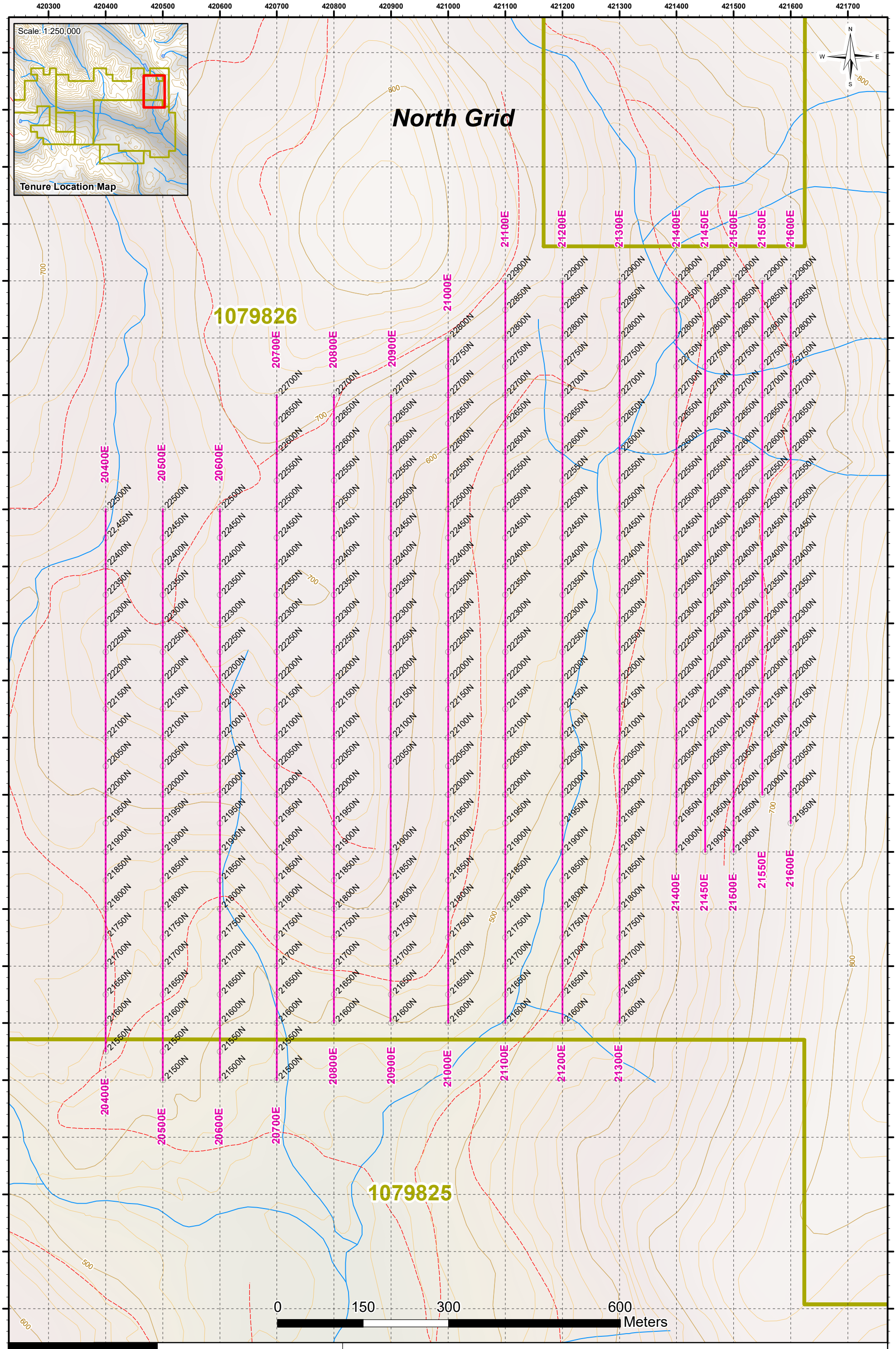
- 118+
- 96
- 80
- 66
- 49
- 21

0 50 100 200 Meters

Soil Sample Map	Reverend Mining Corp.
	Sognidoro Property
	Nanaimo Mining Division

Date: April 15, 2024
Datum: NAD 1983 UTM Zone 10N
Prepared by: A. Sirbu, Rio Minerals Ltd.
Scale: 1:2,000

Soil sample location (Zn)
Grid line
Mineral claim
Paved road
Rough road
Loose road
Lake
Stream
Topography (100m)
Topography (20m)



Soil Sample ID Map

Reverend Mining Corp.

Sognidoro Property

Nanaimo Mining Division

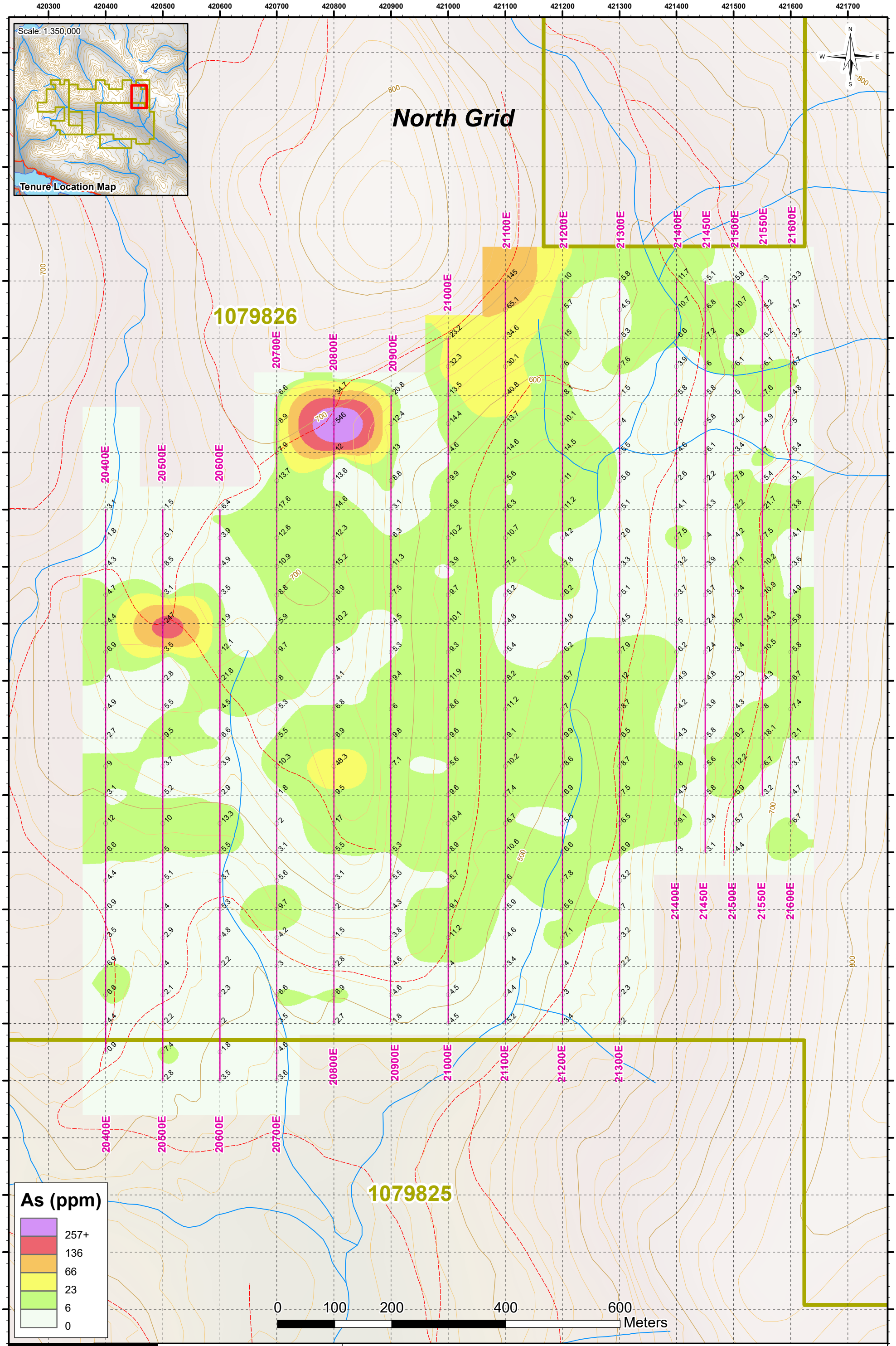
Date: April 15, 2024

Datum: NAD 1983 UTM Zone 10N

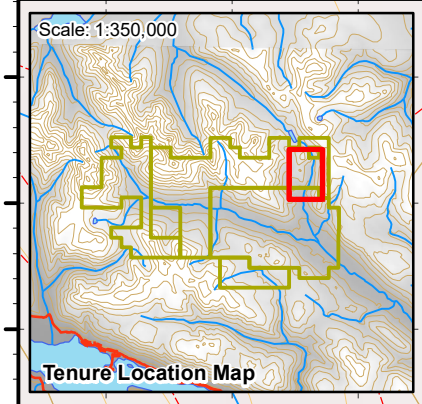
Prepared by: A. Sirbu, Rio Minerals Ltd.

Scale: 1:6,000

Soil sample
Grid line
Mineral claim
Paved road
Rough road
Loose road
Lake
Stream
Topography (100m)
Topography (20m)



Soil Sample Map	**Reverend Mining Corp.**	Date: April 15, 2024	Soil sample location (As) · Grid line · Mineral claim · Paved road · Rough road · Loose road · Lake · Stream · Topography (100m) · Topography (20m)
	Sognidoro Property	Datum: NAD 1983 UTM Zone 10N	
	Nanaimo Mining Division	Prepared by: A. Sirbu, Rio Minerals Ltd.	
		Scale: 1:6,000	



North Grid

1079826

1079825

Au (ppb)
70+
33
18
9
2
0

0 100 200 400 600 Meters

Soil Sample Map	**Reverend Mining Corp.**
	Sognidoro Property
	Nanaimo Mining Division
Date:	April 15, 2024
Datum:	NAD 1983 UTM Zone 10N
Prepared by:	A. Sirbu, Rio Minerals Ltd.
Scale:	1:6,000

Soil sample location (Au)
Grid line
Mineral claim
Paved road
Rough road
Loose road
Lake
Stream
Topography (100m)
Topography (20m)

North Grid

Scale: 1:350,000

Tenure Location Map

1079826

1079825

Cu (ppm)

188+
126
92
65
40
0

0 100 200 400 600 Meters

Soil Sample Map	**Reverend Mining Corp.**	Date: April 15, 2024	Soil sample location (Cu) · Grid line · Mineral claim · Paved road · Rough road · Loose road · Lake · Stream · Topography (100m) · Topography (20m)
	Sognidoro Property	Datum: NAD 1983 UTM Zone 10N	
	Nanaimo Mining Division	Prepared by: A. Sirbu, Rio Minerals Ltd.	
		Scale: 1:6,000	

North Grid

Scale: 1:350,000

Tenure Location Map

1079826

1079825

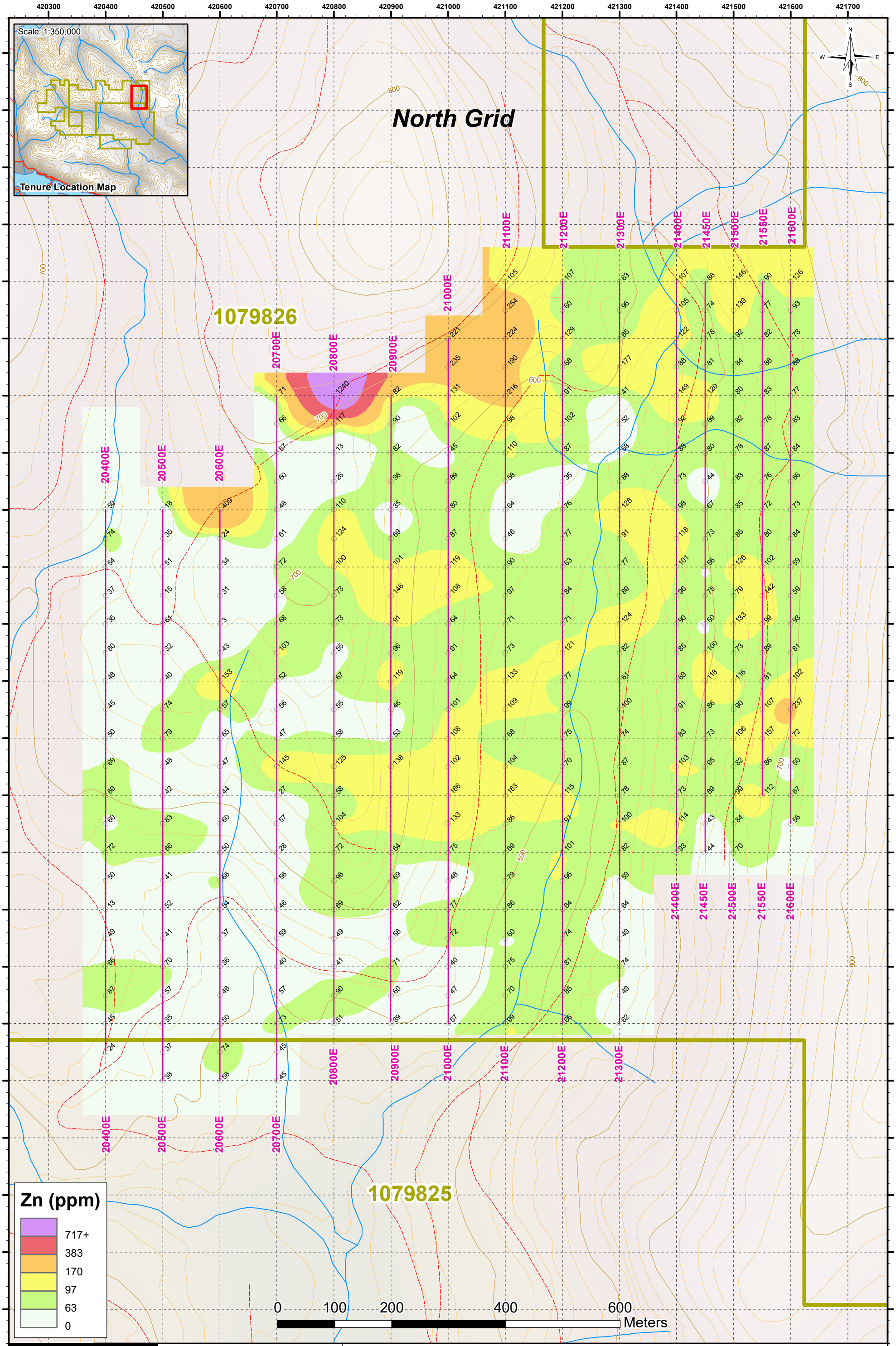
Pb (ppm)

- 24+
- 16
- 11
- 8
- 6
- 0

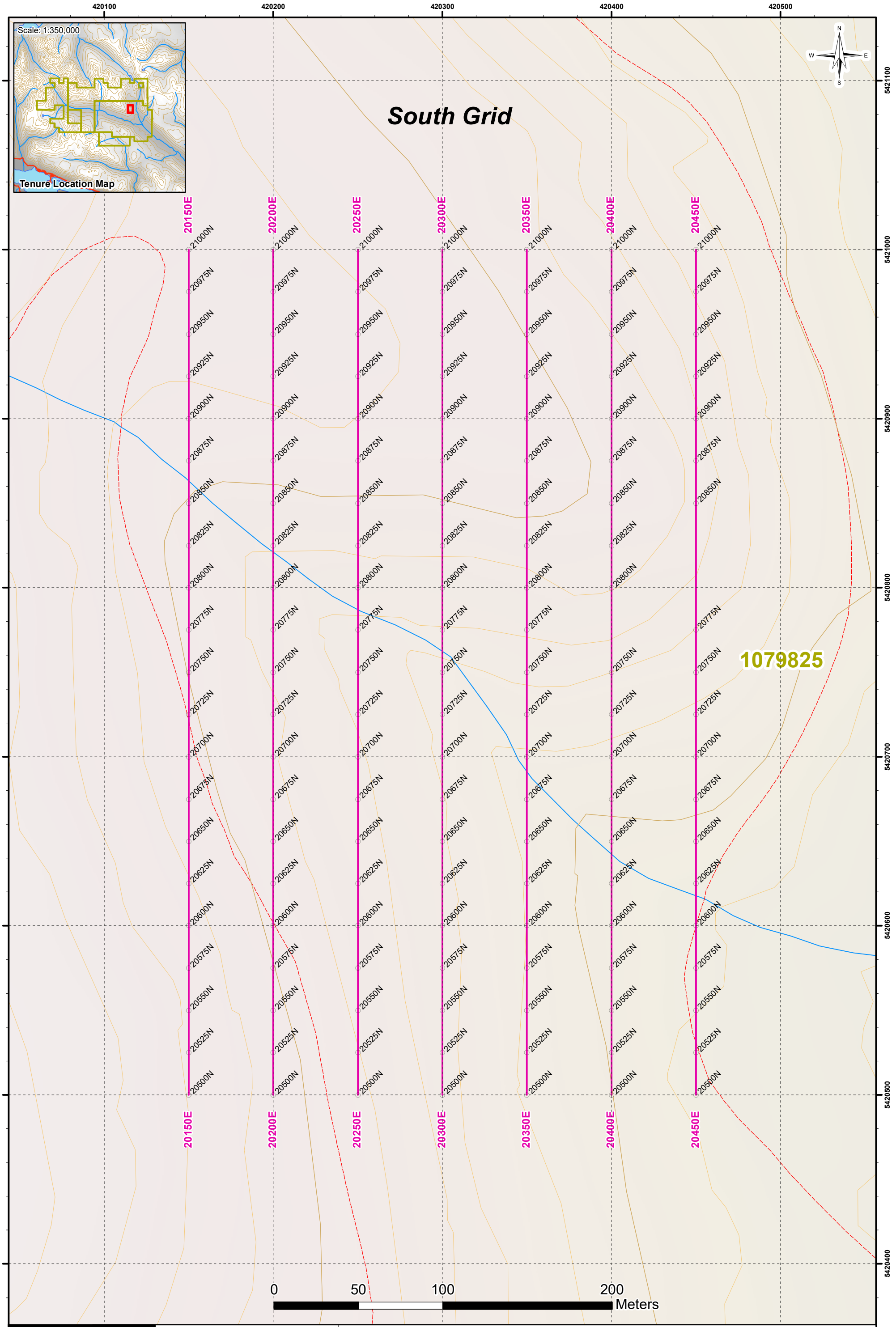
0 100 200 400 600 Meters

Soil Sample Map	**Reverend Mining Corp.**
	Sognidoro Property
	Nanaimo Mining Division
Date:	April 15, 2024
Datum:	NAD 1983 UTM Zone 10N
Prepared by:	A. Sirbu, Rio Minerals Ltd.
Scale:	1:6,000

Soil sample location (Pb)
Grid line
Mineral claim
Paved road
Rough road
Loose road
Lake
Stream
Topography (100m)
Topography (20m)



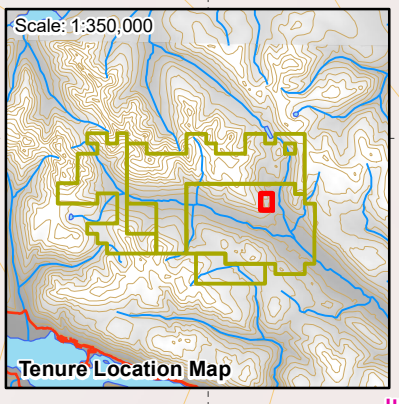
Soil Sample Map	**Reverend Mining Corp.**	Date: April 15, 2024	Soil sample location (Zn); Grid line; Mineral claim; Paved road; Rough road; Loose road; Lake; Stream; Topography (100m); Topography (20m)
	Sognidoro Property	Datum: NAD 1983 UTM Zone 10N	
	Nanaimo Mining Division	Prepared by: A. Sirbu, Rio Minerals Ltd.	
		Scale: 1:6,000	



Soil Sample ID Map	**Reverend Mining Corp.**	Date:	April 15, 2024
	Sognidoro Property	Datum:	NAD 1983 UTM Zone 10N
	Nanaimo Mining Division	Prepared by:	A. Sirbu, Rio Minerals Ltd.
		Scale:	1:2,000

Soil sample · Grid line · Mineral claim · Paved road · Rough road · Loose road · Lake · Stream · Topography (100m) · Topography (20m)

South Grid



1079825

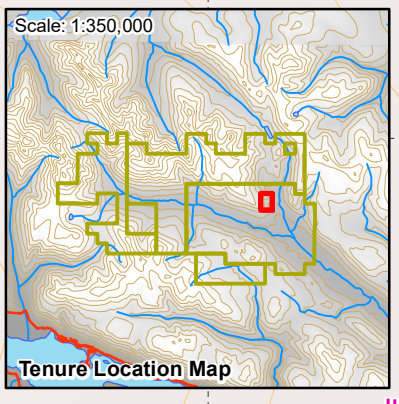
As (ppm)

- 39+
- 26
- 17
- 11
- 7
- 0

0 50 100 200 Meters

Soil Sample Map	**Reverend Mining Corp.**	Date: April 15, 2024	Soil sample location (As); Grid line; Mineral claim; Paved road; Rough road; Loose road; Lake; Stream; Topography (100m); Topography (20m)
	Sognidoro Property	Datum: NAD 1983 UTM Zone 10N	
	Nanaimo Mining Division	Prepared by: A. Sirbu, Rio Minerals Ltd.	
		Scale: 1:2,000	

South Grid



1079825

Au (ppb)

- 24+
- 18
- 13
- 10
- 7
- 0

0 50 100 200 Meters

Soil Sample Map	**Reverend Mining Corp.**	Date: April 15, 2024
	Sognidoro Property	Datum: NAD 1983 UTM Zone 10N
	Nanaimo Mining Division	Prepared by: A. Sirbu, Rio Minerals Ltd.
		Scale: 1:2,000

Soil sample location (Au) · Grid line · Mineral claim · Paved road · Rough road · Loose road · Lake · Stream · Topography (100m) · Topography (20m)

South Grid

Scale: 1:350,000

Tenure Location Map

1079825

Cu (ppm)

- 142+
- 112
- 90
- 70
- 48
- 0

0 50 100 200 Meters

Soil Sample Map	**Reverend Mining Corp.**	Date: April 15, 2024
	Sognidoro Property	Datum: NAD 1983 UTM Zone 10N
	Nanaimo Mining Division	Prepared by: A. Sirbu, Rio Minerals Ltd.
		Scale: 1:2,000

Soil sample location (Cu) · Grid line · Mineral claim · Paved road · Rough road · Loose road · Lake · Stream · Topography (100m) · Topography (20m)

South Grid

Scale: 1:350,000

Tenure Location Map

1079825

Pb (ppm)

- 17+
- 14
- 11
- 9
- 7
- 0

0 50 100 200 Meters

Soil Sample Map

Reverend Mining Corp.

Sognidoro Property

Nanaimo Mining Division

Date: April 15, 2024
Datum: NAD 1983 UTM Zone 10N
Prepared by: A. Sirbu, Rio Minerals Ltd.
Scale: 1:2,000

Soil sample location (Pb)
Grid line
Mineral claim
Paved road
Rough road
Loose road
Lake
Stream
Topography (100m)
Topography (20m)

South Grid

Scale: 1:350,000

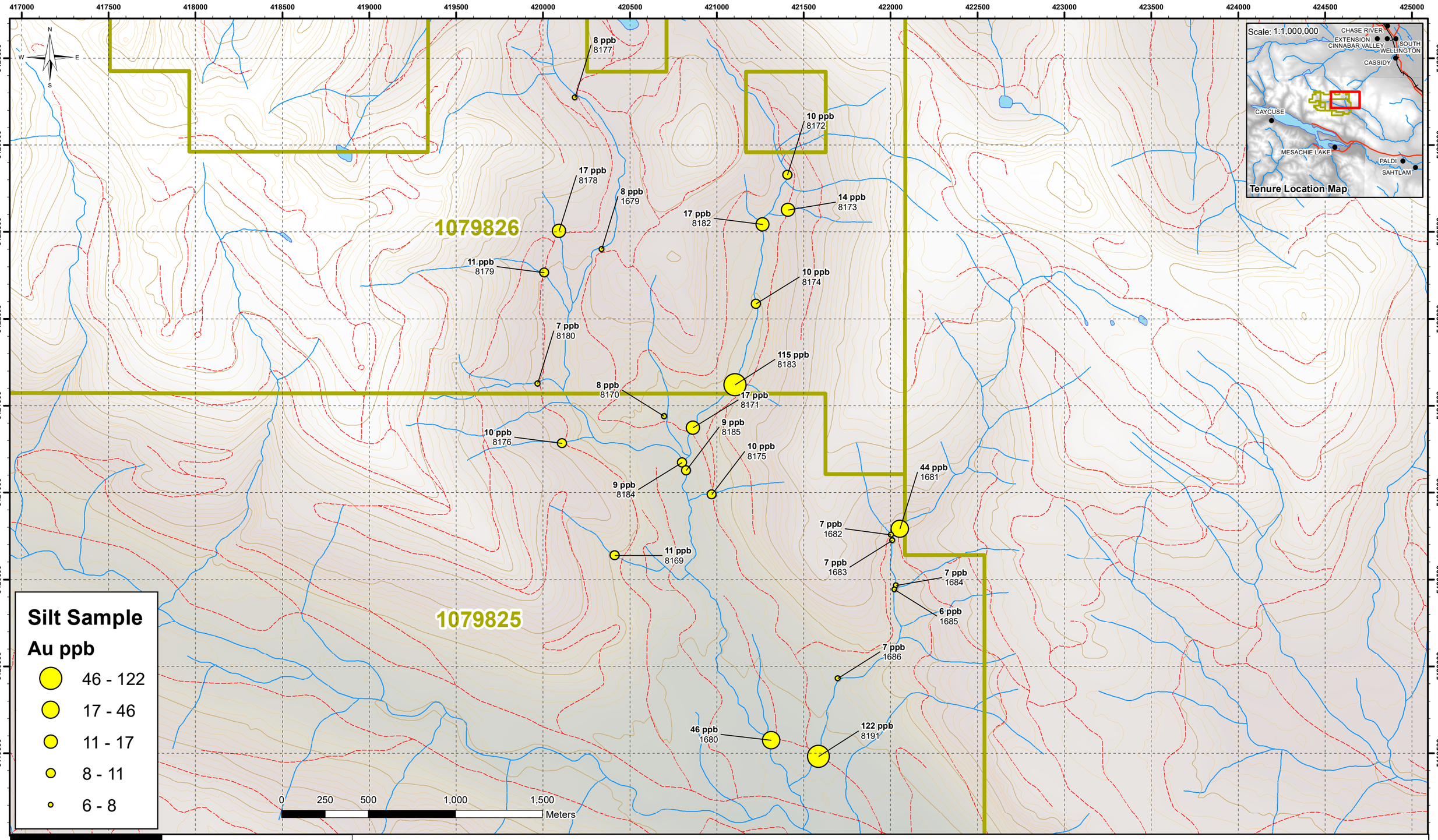
Tenure Location Map

1079825

Soil Sample Map	Reverend Mining Corp.	Date: April 15, 2024	Soil sample location (Zn)	Paved road	Lake
	Sognidoro Property	Datum: NAD 1983 UTM Zone 10N	Grid line	Rough road	Stream
	Nanaimo Mining Division	Prepared by: A. Sirbu, Rio Minerals Ltd.	Mineral claim	Loose road	Topography (100m)
		Scale: 1:2,000			Topography (20m)

APPENDIX III

SILT SAMPLE MAPS



Silt Sample Map

Reverend Mining Corp.

Sognidoro Property

Nanaimo Mining Division

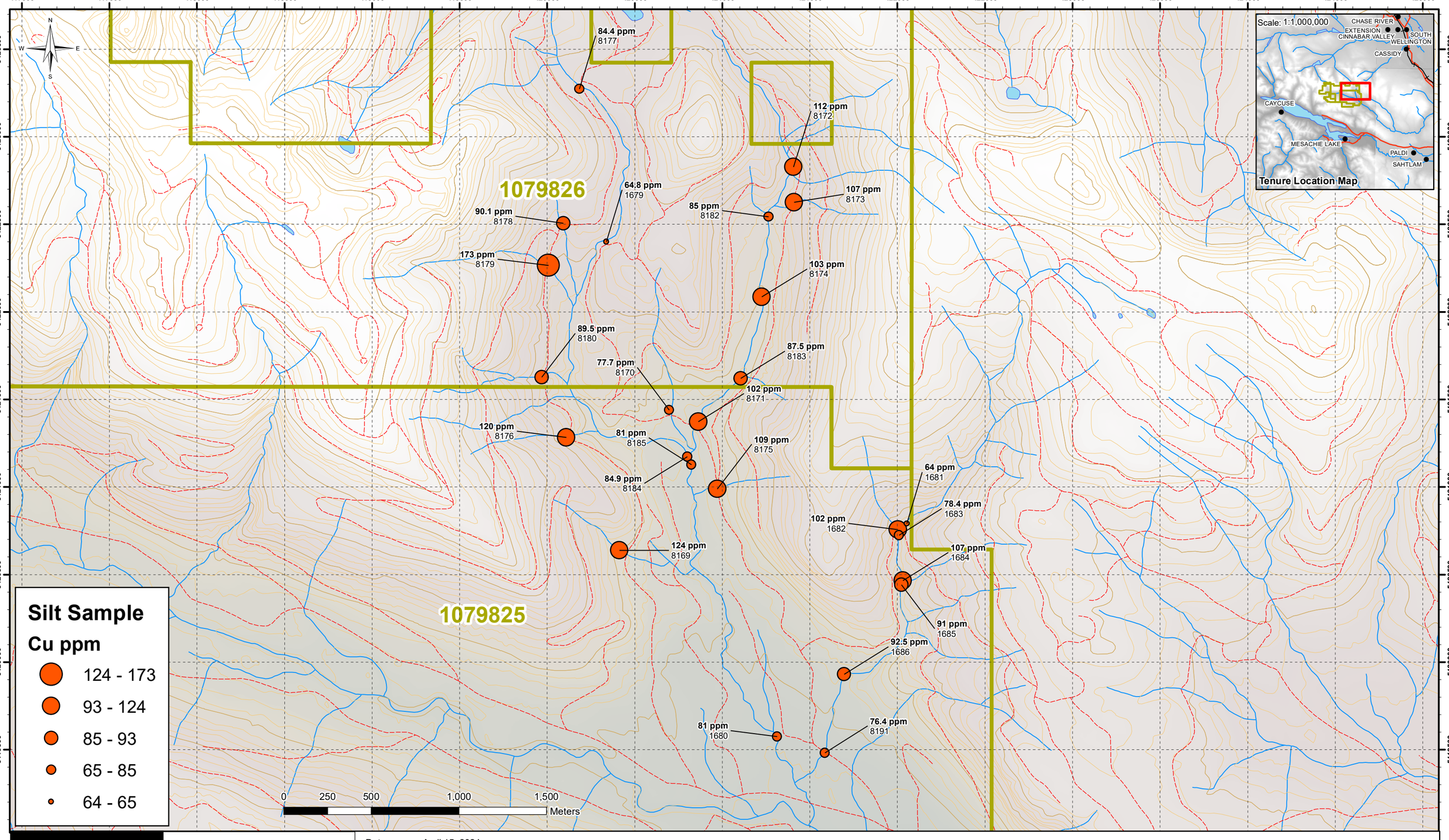
Date: April 15, 2024

Datum: NAD 1983 UTM Zone 10N

Prepared by: A. Sirbu, Rio Minerals Ltd.

Scale: 1:20,000

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



Silt Sample Map

Reverend Mining Corp.

Sognidoro Property

Nanaimo Mining Division

Date: April 15, 2024

Datum: NAD 1983 UTM Zone 10N

Prepared by: A. Sirbu, Rio Minerals Ltd.

Scale: 1:20,000

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

131 ppm
8177

99 ppm
8172

62 ppm
8178

165 ppm
1679

109 ppm
8173

157 ppm
8182

1079826

114 ppm
8179

142 ppm
8174

90 ppm
8180

165 ppm
8183

105 ppm
8170

119 ppm
8171

99 ppm
8176

100 ppm
8175

135 ppm
8184

191 ppm
8185

95 ppm
1681

101 ppm
1683

124 ppm
1682

91 ppm
8169

106 ppm
1684

98 ppm
1685

1079825

124 ppm
1686

127 ppm
1680

151 ppm
8191

Scale: 1:1,000,000

CHASE RIVER
EXTENSION
CINNABAR VALLEY
SOUTH WELLINGTON
CASSIDY
CAYCUSE
MESACHIE LAKE
PALDI
SAHTLAM

Tenure Location Map

Silt Sample
V ppm

- 142 - 191
- 119 - 142
- 101 - 119
- 62 - 101
- 62

0 250 500 1,000 1,500 Meters

Silt Sample Map

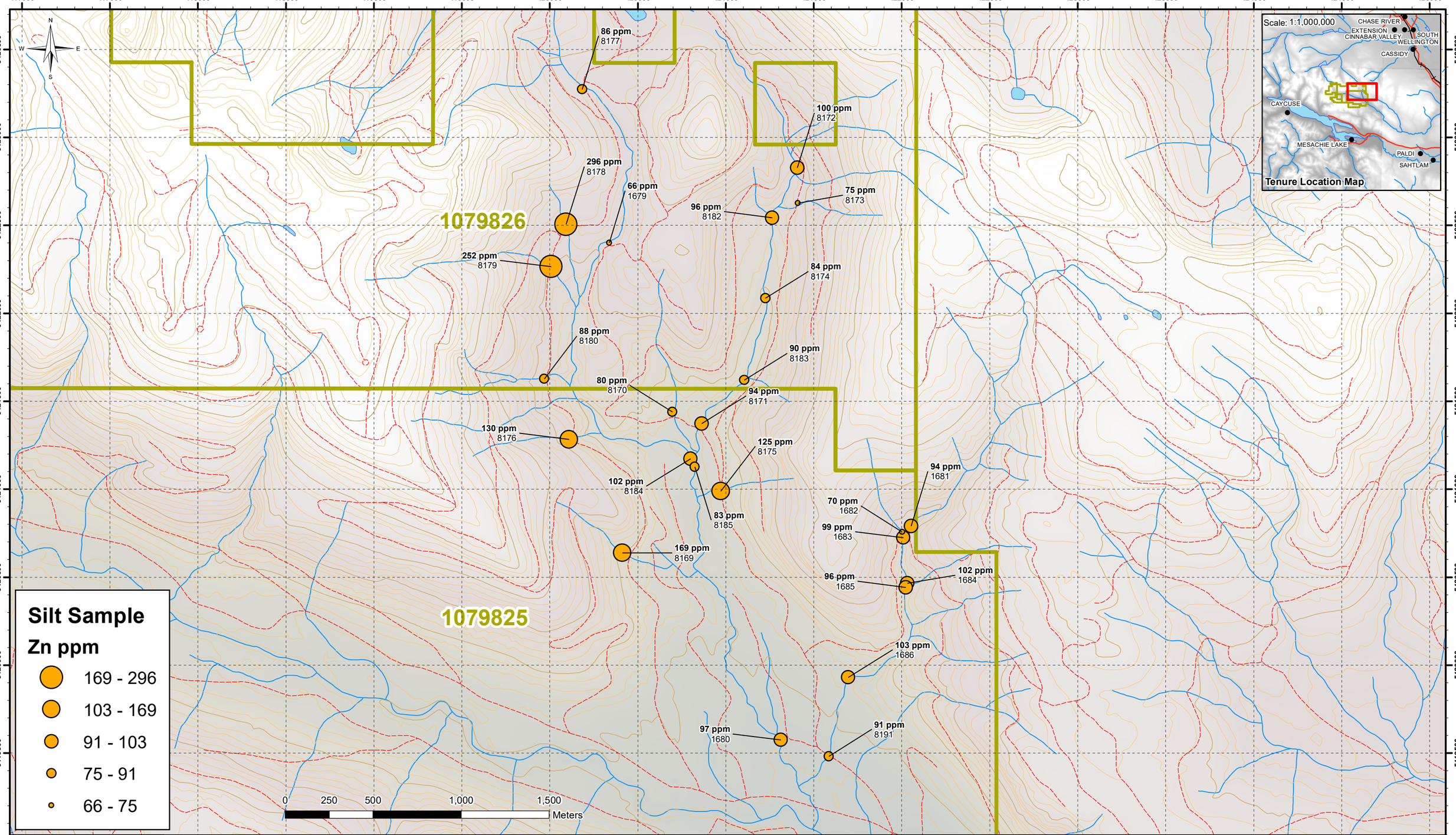
Reverend Mining Corp.

Sognidoro Property

Nanaimo Mining Division

Date: April 15, 2024
Datum: NAD 1983 UTM Zone 10N
Prepared by: A. Sirbu, Rio Minerals Ltd.
Scale: 1:20,000

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



Silt Sample Map

Reverend Mining Corp.

Sognidoro Property

Nanaimo Mining Division

Date: April 15, 2024

Datum: NAD 1983 UTM Zone 10N

Prepared by: A. Sirbu, Rio Minerals Ltd.

Scale: 1:20,000

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

APPENDIX IV

ASSAY KEYS

Soil Sample Assay Key

SampleID	Label	Grid_East	Grid_North	UTM Zone	Easting	Northing	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm
19800E 18500N	18500N	19800E	18500N	10 U	419800	5418500	10	0.1	3.48	6.3	11.1	10	82.7	0.3
19800E 18525N	18525N	19800E	18525N	10 U	419800	5418525	9	0.2	2.95	4.2	59.2	10	63.1	0.2
19800E 18550N	18550N	19800E	18550N	10 U	419800	5418550	10	0.3	3.76	4.9	6.4	10	49.6	0.2
19800E 18575N	18575N	19800E	18575N	10 U	419800	5418575	12	0.2	2.76	3.3	3.4	10	43.4	0.2
19800E 18600N	18600N	19800E	18600N	10 U	419800	5418600	20	0.2	6.14	6.7	11	10	49.7	0.2
19800E 18625N	18625N	19800E	18625N	10 U	419800	5418625	21	0.1	3.92	7	15.2	10	60.2	0.2
19800E 18650N	18650N	19800E	18650N	10 U	419800	5418650	37	0.1	3.68	8.5	27.4	10	67.9	0.3
19800E 18675N	18675N	19800E	18675N	10 U	419800	5418675	15	0.2	3.05	6.2	6.4	10	63.5	0.3
19800E 18700N	18700N	19800E	18700N	10 U	419800	5418700	32	0.2	2.54	5.6	5.8	10	47.2	0.3
19800E 18725N	18725N	19800E	18725N	10 U	419800	5418725	454	0.2	2.65	7.7	112	10	38	5
19800E 18750N	18750N	19800E	18750N	10 U	419800	5418750	16	0.1	2.39	2.9	1.8	10	39.8	0.2
19800E 18900N	18900N	19800E	18900N	10 U	419800	5418900	13	0.2	2.78	4.8	3	10	40.9	0.2
19800E 18925N	18925N	19800E	18925N	10 U	419800	5418925	7	0.2	1.91	4.4	2.6	10	43.4	0.2
19800E 18950N	18950N	19800E	18950N	10 U	419800	5418950	10	0.2	2.34	2.9	4.8	10	67	0.2
19800E 18975N	18975N	19800E	18975N	10 U	419800	5418975	9	0.1	2.24	4.2	2.8	10	47.2	0.2
19800E 19000N	19000N	19800E	19000N	10 U	419800	5419000	7	0.3	3.31	3.9	10.9	10	46.3	0.2
19850E 18500N	18500N	19850E	18500N	10 U	419850	5418500	12	0.3	4.95	8.7	5.7	10	42.8	0.2
19850E 18525N	18525N	19850E	18525N	10 U	419850	5418525	12	0.2	1.97	7.3	1.4	10	35.1	0.5
19850E 18550N	18550N	19850E	18550N	10 U	419850	5418550	9	0.3	2.29	9	0.8	10	49.7	0.2
19850E 18575N	18575N	19850E	18575N	10 U	419850	5418575	16	0.1	2.67	8.6	1.6	10	77.2	0.3
19850E 18600N	18600N	19850E	18600N	10 U	419850	5418600	16	0.2	2.55	9.7	2.4	10	44.4	0.2
19850E 18625N	18625N	19850E	18625N	10 U	419850	5418625	13	0.2	3.81	5.1	7.7	10	48.1	0.2
19850E 18650N	18650N	19850E	18650N	10 U	419850	5418650	19	0.2	3.23	5.5	5.6	10	63.1	0.3
19850E 18675N	18675N	19850E	18675N	10 U	419850	5418675	11	0.2	2.01	3.3	3.2	10	51.4	0.2
19850E 18700N	18700N	19850E	18700N	10 U	419850	5418700	17	0.1	2.68	4.2	26.1	10	46.6	0.2
19850E 18725N	18725N	19850E	18725N	10 U	419850	5418725	52	0.2	2.59	5.9	18.4	10	48.9	0.3
19850E 18750N	18750N	19850E	18750N	10 U	419850	5418750	22	0.1	2.09	4.5	7.8	10	84.3	0.4
19850E 18775N	18775N	19850E	18775N	10 U	419850	5418775	19	0.3	1.74	2.3	1.2	10	78.6	0.2
19850E 18800N	18800N	19850E	18800N	10 U	419850	5418800	20	0.4	1.93	4.1	3.2	10	58.2	0.4
19850E 18825N	18825N	19850E	18825N	10 U	419850	5418825	19	0.1	0.95	2.4	2.7	10	36	0.2
19850E 18850N	18850N	19850E	18850N	10 U	419850	5418850	16	0.1	1.54	3.1	0.25	10	36	0.2
19850E 18875N	18875N	19850E	18875N	10 U	419850	5418875	12	0.05	2.18	2.4	0.8	10	95.2	0.2
19850E 18900N	18900N	19850E	18900N	10 U	419850	5418900	9	0.2	3	6.8	1.4	10	60.8	0.3
19850E 18925N	18925N	19850E	18925N	10 U	419850	5418925	17	0.1	1.71	3.3	0.25	10	40.2	0.2

Soil Sample Assay Key

SampleID	Ca_perc	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm	Na_perc	Ni_ppm
19800E 18500N	0.39	0.1	36.5	23	49.4	4.97	13	0.16	0.04	10	0.63	1490	1.5	0.026	25.8
19800E 18525N	0.44	0.1	14.3	19	39.1	4.69	14	0.18	0.05	8	0.68	611	1.2	0.042	12
19800E 18550N	0.2	0.05	8.3	18	50.8	4.31	12	0.19	0.04	5	0.42	296	0.6	0.019	7.7
19800E 18575N	0.28	0.05	5.2	15	37	4.08	14	0.18	0.05	7	0.4	284	0.9	0.027	5.5
19800E 18600N	0.28	0.05	8.6	20	98.6	3.61	10	0.14	0.07	7	0.63	386	0.8	0.031	9.7
19800E 18625N	0.51	0.05	12.4	22	106	3.85	10	0.16	0.07	9	0.7	525	0.8	0.04	12.6
19800E 18650N	0.66	0.1	15.4	22	119	4.05	9	0.15	0.08	8	0.75	816	0.9	0.044	15.1
19800E 18675N	0.6	0.05	13.9	21	89.5	3.5	9	0.18	0.06	7	0.55	1240	0.9	0.043	13.4
19800E 18700N	0.55	0.1	10.6	18	75.8	3.28	9	0.18	0.05	7	0.56	401	0.7	0.038	11.5
19800E 18725N	0.28	0.1	6	17	75.7	5.15	16	0.28	0.04	6	0.27	323	1.4	0.016	6.6
19800E 18750N	0.29	0.05	4.6	14	45.8	3.02	10	0.16	0.03	5	0.22	273	0.5	0.022	5.7
19800E 18900N	0.22	0.05	5.2	18	22.5	2.94	10	0.17	0.03	6	0.26	185	0.6	0.016	6.3
19800E 18925N	0.33	0.1	6.4	19	27	3.54	11	0.14	0.04	6	0.33	292	0.7	0.02	8.3
19800E 18950N	0.45	0.1	52.6	26	37.4	2.95	10	0.1	0.04	11	0.42	1590	0.6	0.022	14.3
19800E 18975N	0.39	0.1	6.6	20	27.8	2.77	9	0.16	0.03	6	0.29	451	0.5	0.02	8.2
19800E 19000N	0.34	0.3	7.5	25	48.6	3.2	8	0.26	0.03	5	0.36	435	0.8	0.021	11.3
19850E 18500N	0.25	0.2	7.2	19	71.9	4.44	11	0.34	0.04	8	0.4	289	1.3	0.021	9.2
19850E 18525N	0.62	0.1	8.6	13	70.9	4.98	15	0.26	0.08	7	0.26	1010	1.2	0.028	5.8
19850E 18550N	0.51	0.05	6.3	13	30.9	3.31	12	0.19	0.08	10	0.34	353	1	0.032	5.9
19850E 18575N	0.29	0.2	14.6	17	32	4.44	14	0.14	0.04	6	0.49	768	0.9	0.028	10.3
19850E 18600N	0.29	0.1	5.9	18	37.1	4.4	13	0.26	0.04	5	0.44	273	0.7	0.022	6.9
19850E 18625N	0.28	0.1	8.2	21	64	4.35	11	0.21	0.04	6	0.45	490	0.7	0.031	9.5
19850E 18650N	0.4	0.1	8.7	28	49.4	4.17	12	0.16	0.05	6	0.52	464	0.9	0.024	13.7
19850E 18675N	0.33	0.05	5.4	19	23	3.23	10	0.12	0.03	5	0.3	354	0.6	0.022	7.8
19850E 18700N	0.43	0.1	12.9	21	42.2	3.55	11	0.15	0.04	10	0.45	279	1	0.031	10.8
19850E 18725N	0.29	0.05	5.4	17	38.9	3.14	10	0.24	0.05	6	0.27	218	0.8	0.025	6.6
19850E 18750N	0.55	0.2	13.2	16	46.6	3.28	8	0.33	0.05	5	0.29	1510	0.8	0.027	10.3
19850E 18775N	0.47	0.1	9.6	14	64.4	2.78	6	0.19	0.05	5	0.29	663	0.5	0.035	7.6
19850E 18800N	0.37	0.1	6.8	17	65.2	3.91	9	0.25	0.04	5	0.38	295	1.1	0.029	8.4
19850E 18825N	0.35	0.1	5.2	11	20.3	1.83	5	0.18	0.04	5	0.21	316	0.4	0.034	5.1
19850E 18850N	0.33	0.05	3.4	13	19	2.41	9	0.1	0.03	6	0.25	181	0.7	0.03	4.9
19850E 18875N	0.74	0.4	161	18	101	3.77	9	0.19	0.07	12	0.51	2710	0.5	0.027	15.2
19850E 18900N	0.29	0.1	15.7	18	77.4	3.7	11	0.15	0.04	5	0.43	570	0.7	0.026	12.2
19850E 18925N	0.35	0.05	3.5	12	10.7	2.03	8	0.13	0.03	8	0.21	169	0.6	0.016	5

Soil Sample Assay Key

SampleID	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
19800E 18500N	0.047	9.9	0.5	0.3	6.5	0.9	20	0.1	1.3	0.174	0.1	104	0.2	126
19800E 18525N	0.041	7.7	0.5	0.2	8.3	0.7	24	0.1	1.3	0.271	0.05	128	0.2	88
19800E 18550N	0.112	5.8	0.5	0.05	7.1	0.8	11	0.1	1.5	0.145	0.05	103	0.2	93
19800E 18575N	0.073	7.8	0.5	0.2	6.7	0.7	15	0.1	1.5	0.282	0.05	120	0.1	52
19800E 18600N	0.212	4.7	0.5	0.2	10.4	0.7	15	0.1	2.7	0.165	0.05	68	0.4	51
19800E 18625N	0.131	6.8	0.5	0.2	8.6	1	25	0.1	2.1	0.132	0.05	76	0.4	61
19800E 18650N	0.141	8.9	0.5	0.2	7.7	0.9	33	0.1	1.8	0.127	0.05	80	0.5	76
19800E 18675N	0.125	16.5	0.5	0.1	5.8	0.6	30	0.1	1.4	0.145	0.05	90	0.4	66
19800E 18700N	0.067	10.3	0.5	0.2	7.2	0.6	27	0.1	1.3	0.116	0.05	77	3.5	57
19800E 18725N	0.11	9.5	0.5	0.05	4.9	1.1	18	0.1	0.8	0.166	0.05	140	0.4	46
19800E 18750N	0.063	7	0.5	0.2	4.2	0.25	17	0.1	1.1	0.138	0.05	78	0.05	47
19800E 18900N	0.032	5.2	0.5	0.05	5.4	0.6	15	0.1	0.8	0.023	0.05	89	1.5	47
19800E 18925N	0.042	7.8	0.5	0.2	4.3	0.6	18	0.1	0.9	0.183	0.05	103	0.1	59
19800E 18950N	0.036	7.1	0.5	0.1	4.9	0.5	23	0.1	1.2	0.187	0.1	76	0.05	125
19800E 18975N	0.052	6.2	0.5	0.05	4.5	0.25	20	0.1	1.1	0.15	0.05	80	0.05	50
19800E 19000N	0.201	5.5	0.5	0.05	4.9	1.1	17	0.1	1	0.119	0.05	75	0.5	54
19850E 18500N	0.239	7.1	0.5	0.1	7.1	1.2	12	0.1	1.8	0.1	0.05	90	0.2	71
19850E 18525N	0.189	10.1	0.5	0.1	6.1	0.5	21	0.1	1.2	0.237	0.1	109	0.5	68
19850E 18550N	0.052	7.8	0.5	0.05	6.6	0.25	19	0.1	1.3	0.266	0.05	98	0.3	57
19850E 18575N	0.054	14.2	0.5	0.3	5.1	0.25	16	0.1	1	0.24	0.05	115	0.1	105
19850E 18600N	0.092	9.3	0.5	0.05	5.9	0.6	15	0.1	1.1	0.203	0.05	126	0.6	68
19850E 18625N	0.086	7.5	0.5	0.1	6.7	0.5	16	0.1	1.6	0.149	0.05	92	0.2	63
19850E 18650N	0.088	8.7	0.5	0.3	6	0.6	22	0.1	1.8	0.177	0.05	112	0.2	85
19850E 18675N	0.031	7.6	0.5	0.1	3.8	0.6	18	0.1	0.8	0.13	0.05	95	0.05	49
19850E 18700N	0.04	8.1	0.5	0.2	5.2	0.7	21	0.1	1.2	0.192	0.05	99	0.1	70
19850E 18725N	0.045	7.4	0.5	0.2	4.6	0.8	17	0.1	1.3	0.17	0.05	91	0.2	63
19850E 18750N	0.106	37.2	0.5	0.1	4.3	0.25	30	0.1	0.9	0.144	0.05	81	0.6	66
19850E 18775N	0.08	10.1	0.5	0.05	3.6	0.7	30	0.1	0.8	0.124	0.05	73	0.3	56
19850E 18800N	0.12	16.6	0.5	0.1	4.5	0.25	22	0.1	1	0.18	0.05	104	1.1	46
19850E 18825N	0.042	12.9	0.5	0.05	3.6	0.7	24	0.1	0.7	0.179	0.05	65	0.6	28
19850E 18850N	0.027	9.6	0.5	0.05	3.6	0.25	22	0.1	0.7	0.146	0.05	87	0.2	28
19850E 18875N	0.076	19	0.5	0.05	5.7	0.6	38	0.1	0.6	0.123	0.05	91	0.2	110
19850E 18900N	0.077	11	0.5	0.05	5.3	0.25	17	0.1	0.9	0.122	0.05	90	0.2	106
19850E 18925N	0.027	6.6	0.5	0.05	4.3	0.25	14	0.1	0.6	0.054	0.05	82	0.1	27

Soil Sample Assay Key

SampleID	Label	Grid_East	Grid_North	UTM Zone	Easting	Northing	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm
19850E 18950N	18950N	19850E	18950N	10 U	419850	5418950	10	0.2	2.54	4.5	0.8	10	61.5	0.2
19850E 18975N	18975N	19850E	18975N	10 U	419850	5418975	5	0.05	1.25	1.3	1.3	10	39.7	0.1
19850E 19000N	19000N	19850E	19000N	10 U	419850	5419000	6	0.05	1.63	3.5	4	10	95.2	0.2
19900E 18400N	18400N	19900E	18400N	10 U	419900	5418400	23	0.1	1.39	3.3	1.6	10	26	0.2
19900E 18425N	18425N	19900E	18425N	10 U	419900	5418425	13	0.2	2.95	5.8	1.7	10	55.5	0.3
19900E 18450N	18450N	19900E	18450N	10 U	419900	5418450	15	0.2	4.15	8.2	3.3	10	70.6	0.2
19900E 18475N	18475N	19900E	18475N	10 U	419900	5418475	15	0.4	3.01	5.6	0	10	53.9	0.3
19900E 18500N	18500N	19900E	18500N	10 U	419900	5418500	4	0.1	2.5	9.2	2	10	46.8	0.3
19900E 18525N	18525N	19900E	18525N	10 U	419900	5418525	9	0.1	2.71	8.7	1	10	38.8	0.2
19900E 18550N	18550N	19900E	18550N	10 U	419900	5418550	6	0.1	1.66	4.3	2.8	10	29	0.2
19900E 18575N	18575N	19900E	18575N	10 U	419900	5418575	10	0.1	3.31	10.2	2.6	10	68.5	0.2
19900E 18600N	18600N	19900E	18600N	10 U	419900	5418600	11	0.2	3.09	40.2	4.5	10	67.3	0.3
19900E 18625N	18625N	19900E	18625N	10 U	419900	5418625	18	0.3	2.98	172	2.3	10	81.4	0.2
19900E 18650N	18650N	19900E	18650N	10 U	419900	5418650	15	0.2	3.75	6.3	2.1	10	48.7	0.2
19900E 18675N	18675N	19900E	18675N	10 U	419900	5418675	10	0.1	2.52	4.1	1.4	10	63.6	0.2
19900E 18700N	18700N	19900E	18700N	10 U	419900	5418700	21	0.1	2.05	4.3	1	10	73.2	0.2
19900E 18725N	18725N	19900E	18725N	10 U	419900	5418725	9	0.1	1.16	2.7	2.1	10	40.6	0.2
19900E 18750N	18750N	19900E	18750N	10 U	419900	5418750	10	0.2	2.17	3.7	6.9	10	47.6	0.3
19900E 18775N	18775N	19900E	18775N	10 U	419900	5418775	17	0.1	2.75	3.7	17.2	10	55.4	0.2
19900E 18800N	18800N	19900E	18800N	10 U	419900	5418800	11	0.05	1.89	2.8	1.2	10	47.1	0.2
19900E 18825N	18825N	19900E	18825N	10 U	419900	5418825	13	0.05	1.52	2.9	5.7	10	39.8	0.2
19900E 18850N	18850N	19900E	18850N	10 U	419900	5418850	7	0.05	3.61	6.2	8.6	10	61.8	0.2
19900E 18875N	18875N	19900E	18875N	10 U	419900	5418875	10	0.05	2.89	4.1	3.2	10	63.8	0.2
19900E 18900N	18900N	19900E	18900N	10 U	419900	5418900	40	0.1	2.31	2.7	3.8	10	60.5	0.3
20150E 20500N	20500N	20150E	20500N	10 U	420150	5420500	8	0.2	2.12	6.5	1.6	10	181	0.1
20150E 20525N	20525N	20150E	20525N	10 U	420150	5420525	8	0.2	1.72	2.6	1.9	10	115	0.1
20150E 20550N	20550N	20150E	20550N	10 U	420150	5420550	6	0.2	2.37	3.6	0.25	10	187	0.2
20150E 20575N	20575N	20150E	20575N	10 U	420150	5420575	23	0.1	1.63	2	1.4	10	67	0.2
20150E 20600N	20600N	20150E	20600N	10 U	420150	5420600	8	0.4	2.3	3.9	0.25	10	215	0.2
20150E 20625N	20625N	20150E	20625N	10 U	420150	5420625	7	0.3	1.7	4.7	2	10	205	0.1
20150E 20650N	20650N	20150E	20650N	10 U	420150	5420650	5	0.5	3.04	26	2.5	10	192	0.2
20150E 20675N	20675N	20150E	20675N	10 U	420150	5420675	5	0.1	1.5	6.3	0.25	10	173	0.1
20150E 20700N	20700N	20150E	20700N	10 U	420150	5420700	6	0.1	2.4	16	0.9	10	390	0.2
20150E 20725N	20725N	20150E	20725N	10 U	420150	5420725	8	0.2	1.45	6.8	1.6	10	254	0.3

Soil Sample Assay Key

SampleID	Ca_perc	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm	Na_perc	Ni_ppm
19850E 18950N	0.45	0.1	16.2	25	51.2	3.4	10	0.12	0.05	5	0.54	640	1	0.024	15.6
19850E 18975N	0.49	0.05	5	14	6.1	2.07	9	0.1	0.04	8	0.3	364	0.2	0.039	4.4
19850E 19000N	0.55	0.05	8.2	22	15	2.7	9	0.08	0.03	6	0.39	839	0.4	0.026	10.7
19900E 18400N	0.43	0.05	3.5	13	21.9	2.42	10	0.11	0.02	6	0.19	211	0.8	0.018	3.9
19900E 18425N	0.43	0.1	15.9	25	78.3	4.53	12	0.18	0.05	5	0.38	789	1	0.022	11.8
19900E 18450N	0.51	0.2	50.1	27	121	4.14	11	0.16	0.06	11	0.76	1020	1.1	0.039	77.8
19900E 18475N	0.32	0.1	9.5	23	51.8	4.62	13	0.19	0.04	6	0.58	329	0.9	0.023	13.9
19900E 18500N	0.3	0.05	8.5	19	29.9	5.06	13	0.11	0.03	6	0.33	279	1.1	0.016	7.5
19900E 18525N	0.28	0.2	10.4	22	40.5	4.1	12	0.11	0.06	6	0.52	772	1.6	0.024	11.4
19900E 18550N	0.22	0.1	2.5	9	10.5	2.51	12	0.1	0.03	6	0.16	207	0.4	0.012	3.1
19900E 18575N	0.36	0.2	19.6	20	50.2	4.64	13	0.17	0.05	8	0.52	394	1.1	0.024	11.7
19900E 18600N	0.28	0.05	11.8	18	40.6	4.53	14	0.16	0.07	7	0.51	1060	1	0.023	10.6
19900E 18625N	0.4	0.1	16.1	20	55.6	3.87	10	0.18	0.06	7	0.59	434	1	0.022	12.6
19900E 18650N	0.29	0.1	8.4	21	67.4	3.76	9	0.21	0.04	6	0.54	327	0.8	0.025	10.5
19900E 18675N	0.43	0.1	13.8	22	30.1	3.5	12	0.13	0.05	6	0.63	483	0.5	0.027	12.2
19900E 18700N	0.54	0.1	22.9	19	31.1	3.16	9	0.12	0.04	7	0.46	1470	0.6	0.036	9.8
19900E 18725N	0.35	0.05	3.9	12	11	2.36	9	0.09	0.03	6	0.24	224	0.8	0.025	4.2
19900E 18750N	0.34	0.2	6.4	21	29.7	3.97	13	0.12	0.04	5	0.35	261	1.3	0.02	7.7
19900E 18775N	0.48	0.1	17.4	20	59.4	3.33	9	0.19	0.05	8	0.51	868	0.8	0.03	11.3
19900E 18800N	0.44	0.05	10.6	21	21.6	3.34	12	0.14	0.03	6	0.42	283	0.7	0.024	9.1
19900E 18825N	0.43	0.05	5	20	14.1	3.05	11	0.11	0.02	5	0.31	204	0.4	0.024	6.8
19900E 18850N	0.35	0.1	11.8	32	69.2	4.68	13	0.12	0.05	6	0.63	321	1.2	0.024	18.9
19900E 18875N	0.52	0.05	18	32	71.5	4.19	10	0.1	0.05	6	0.83	569	0.9	0.026	25.4
19900E 18900N	0.57	0.2	41	18	36.5	4.08	12	0.11	0.05	11	0.55	2980	0.9	0.029	10.3
20150E 20500N	0.61	0.2	19.6	24	67.8	4.72	10	0.09	0.04	7	0.7	1590	0.7	0.022	22.8
20150E 20525N	0.53	0.2	10.4	24	31.2	3.52	10	0.08	0.04	8	0.49	916	0.4	0.017	15.7
20150E 20550N	0.5	0.2	18.8	24	101	4.42	8	0.14	0.04	5	0.67	6230	0.5	0.019	23.2
20150E 20575N	0.57	0.1	7.9	15	19.1	2.72	10	0.07	0.03	7	0.34	591	0.2	0.016	8.7
20150E 20600N	0.43	0.2	14.2	30	37.7	4.26	9	0.17	0.05	7	0.5	1940	0.8	0.016	20.3
20150E 20625N	0.34	0.2	7.2	27	22.3	3.73	9	0.07	0.04	12	0.46	414	1	0.016	13.9
20150E 20650N	0.36	0.4	21.8	117	51.3	5.19	10	0.11	0.05	7	1.27	942	1.8	0.015	54
20150E 20675N	0.36	0.2	8.3	26	20.5	3.61	7	0.07	0.04	10	0.47	700	1.3	0.015	15.8
20150E 20700N	0.29	0.5	14.8	51	49.2	4.72	8	0.07	0.07	10	0.73	820	2.5	0.018	36.6
20150E 20725N	0.33	0.2	9.4	26	20.6	3.75	6	0.09	0.05	11	0.35	2620	0.9	0.013	16

Soil Sample Assay Key

SampleID	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
19850E 18950N	0.061	7	0.5	0.05	4.8	0.5	21	0.1	1	0.21	0.05	90	0.6	80
19850E 18975N	0.014	5.6	0.5	0.05	4.5	0.25	25	0.1	1.3	0.234	0.05	71	0.05	45
19850E 19000N	0.02	7.9	0.5	0.2	4.8	0.6	30	0.1	0.9	0.201	0.05	88	0.05	70
19900E 18400N	0.018	7.1	0.5	0.05	5.7	0.25	23	0.1	0.9	0.235	0.05	99	2.1	37
19900E 18425N	0.108	15.1	0.5	0.05	5.3	0.5	21	0.1	1.3	0.158	0.05	104	0.3	83
19900E 18450N	0.135	6	0.5	0.05	9	0.8	26	0.1	1.5	0.143	0.1	101	0.3	159
19900E 18475N	0.067	7.9	0.5	0.2	7.2	0.25	17	0.1	1.4	0.171	0.05	110	0.1	96
19900E 18500N	0.064	23	0.5	0.2	4.8	0.6	15	0.1	1	0.203	0.05	120	0.2	87
19900E 18525N	0.172	8.3	0.5	0.05	5.5	0.5	16	0.1	1.1	0.195	0.1	113	0.4	84
19900E 18550N	0.011	7.9	0.5	0.3	5.2	0.25	22	0.1	0.9	0.166	0.05	93	0.05	31
19900E 18575N	0.063	12.2	0.5	0.05	7.1	0.25	17	0.1	1.4	0.191	0.05	113	0.1	100
19900E 18600N	0.11	15.3	0.5	0.3	6.1	0.7	17	0.1	1.3	0.179	0.1	108	0.2	112
19900E 18625N	0.037	7.6	0.5	0.3	6.4	0.7	21	0.1	1.1	0.105	0.1	89	0.2	65
19900E 18650N	0.129	4.8	0.5	0.05	7.1	0.8	16	0.1	2.2	0.141	0.05	89	0.5	65
19900E 18675N	0.049	5.9	0.5	0.1	6.9	0.25	23	0.1	1	0.204	0.05	88	0.05	94
19900E 18700N	0.038	18.5	0.5	0.2	5.6	0.6	31	0.1	1	0.176	0.05	86	0.2	86
19900E 18725N	0.025	7.8	0.5	0.05	3.6	0.6	21	0.1	0.8	0.268	0.05	91	0.3	36
19900E 18750N	0.046	7.2	0.5	0.05	4.7	0.7	19	0.1	1.1	0.222	0.05	113	0.5	66
19900E 18775N	0.067	10.5	0.5	0.05	5.4	0.6	24	0.1	1.1	0.132	0.05	88	0.6	58
19900E 18800N	0.026	7.5	0.5	0.05	4.3	0.25	24	0.1	0.8	0.198	0.05	112	1.2	46
19900E 18825N	0.02	6	0.5	0.05	3.5	0.5	24	0.1	0.7	0.168	0.05	106	0.05	32
19900E 18850N	0.075	6.1	0.5	0.2	6.7	0.5	20	0.1	2	0.196	0.05	105	0.2	68
19900E 18875N	0.067	4.5	0.5	0.2	6.4	0.6	25	0.1	1.4	0.189	0.05	97	0.6	90
19900E 18900N	0.064	12.7	0.5	0.2	5.2	0.7	29	0.1	0.8	0.2	0.05	91	0.05	117
20150E 20500N	0.065	7.5	0.5	0.3	6.4	0.5	41	0.1	0.8	0.255	0.05	152	0.05	109
20150E 20525N	0.03	5.2	0.5	0.2	4.8	0.25	47	0.1	0.9	0.215	0.05	108	0.05	73
20150E 20550N	0.055	21.6	0.5	0.05	6	0.5	38	0.1	0.6	0.177	0.05	137	0.05	79
20150E 20575N	0.037	7.8	0.5	0.05	4.9	0.6	62	0.1	0.7	0.216	0.05	107	0.2	32
20150E 20600N	0.064	14.3	0.5	0.05	4.1	0.7	33	0.1	0.5	0.131	0.05	117	0.05	86
20150E 20625N	0.03	6.4	0.5	0.3	4.5	0.25	36	0.1	0.9	0.136	0.05	113	0.05	58
20150E 20650N	0.064	11.3	0.5	0.3	7.2	0.7	30	0.1	0.9	0.215	0.05	134	0.05	181
20150E 20675N	0.033	8.1	0.5	0.4	3.8	0.5	34	0.1	0.9	0.108	0.05	82	0.05	61
20150E 20700N	0.04	14.5	0.5	0.6	5.3	0.7	24	0.1	1.1	0.1	0.1	129	0.05	208
20150E 20725N	0.054	18.7	0.5	0.7	3.7	0.25	29	0.1	0.8	0.075	0.05	78	0.05	63

Soil Sample Assay Key

SampleID	Label	Grid_East	Grid_North	UTM Zone	Easting	Northing	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm
20150E 20750N	20750N	20150E	20750N	10 U	420150	5420750	20	1.1	1.97	16.9	6.4	10	118	0.2
20150E 20775N	20775N	20150E	20775N	10 U	420150	5420775	13	0.4	2.27	17	7.3	10	148	0.2
20150E 20800N	20800N	20150E	20800N	10 U	420150	5420800	21	0.5	2.41	15.4	5.6	10	129	0.1
20150E 20825N	20825N	20150E	20825N	10 U	420150	5420825	10	0.4	2.3	11.3	2.7	10	131	0.2
20150E 20850N	20850N	20150E	20850N	10 U	420150	5420850	8	0.4	2.54	9.1	2.4	10	127	0.1
20150E 20875N	20875N	20150E	20875N	10 U	420150	5420875	3	0.3	2.3	7.3	1.2	10	132	0.1
20150E 20900N	20900N	20150E	20900N	10 U	420150	5420900	4	0.3	1.74	3.2	0.25	10	108	0.1
20150E 20925N	20925N	20150E	20925N	10 U	420150	5420925	12	0.3	2.78	8.9	0.8	10	181	0.1
20150E 20950N	20950N	20150E	20950N	10 U	420150	5420950	7	0.3	3.05	8.5	1.1	10	106	0.05
20150E 20975N	20975N	20150E	20975N	10 U	420150	5420975	8	0.4	2.65	7.8	1.9	10	76.4	0.2
20150E 21000N	21000N	20150E	21000N	10 U	420150	5421000	10	0.2	2.52	13.4	5.5	10	200	0.05
20200E 20500N	20500N	20200E	20500N	10 U	420200	5420500	6	0.7	2.78	7.4	1.2	10	226	0.1
20200E 20525N	20525N	20200E	20525N	10 U	420200	5420525	4	0.2	2.43	5.2	1.3	10	178	0.1
20200E 20550N	20550N	20200E	20550N	10 U	420200	5420550	6	0.1	3.69	8.3	3	10	136	0.1
20200E 20575N	20575N	20200E	20575N	10 U	420200	5420575	3	0.1	3.81	10.6	0.8	10	185	0.2
20200E 20600N	20600N	20200E	20600N	10 U	420200	5420600	23	0.1	3.61	8.5	33.1	10	164	0.1
20200E 20625N	20625N	20200E	20625N	10 U	420200	5420625	16	0.2	1.94	12.6	2.5	10	155	0.1
20200E 20650N	20650N	20200E	20650N	10 U	420200	5420650	4	0.3	3.21	19.3	1.8	10	272	0.1
20200E 20675N	20675N	20200E	20675N	10 U	420200	5420675	7	1.5	3.24	25.7	6.3	10	171	0.2
20200E 20700N	20700N	20200E	20700N	10 U	420200	5420700	10	0.5	2.21	14.1	1.9	10	181	0.2
20200E 20725N	20725N	20200E	20725N	10 U	420200	5420725	6	0.7	2.62	9	0.6	10	182	0.3
20200E 20750N	20750N	20200E	20750N	10 U	420200	5420750	8	0.5	2.43	12.4	1.2	10	264	0.2
20200E 20775N	20775N	20200E	20775N	10 U	420200	5420775	5	0.4	2.81	8.2	0.8	10	165	0.2
20200E 20800N	20800N	20200E	20800N	10 U	420200	5420800	5	0.3	2.2	4	2.8	10	152	0.1
20200E 20825N	20825N	20200E	20825N	10 U	420200	5420825	3	0.3	1.53	3.8	0.25	10	125	0.1
20200E 20850N	20850N	20200E	20850N	10 U	420200	5420850	15	0.05	2.74	5.8	2.2	10	172	0.1
20200E 20875N	20875N	20200E	20875N	10 U	420200	5420875	6	0.1	3	6	0.7	10	141	0.1
20200E 20900N	20900N	20200E	20900N	10 U	420200	5420900	6	0.2	3.45	7.2	2.4	10	110	0.1
20200E 20925N	20925N	20200E	20925N	10 U	420200	5420925	8	0.2	2.84	5.8	0.25	10	92.8	0.1
20200E 20950N	20950N	20200E	20950N	10 U	420200	5420950	7	0.8	4.18	9.9	1.6	10	90.4	0.1
20200E 20975N	20975N	20200E	20975N	10 U	420200	5420975	5	0.3	3.8	8.6	0.6	10	134	0.1
20200E 21000N	21000N	20200E	21000N	10 U	420200	5421000	9	0.3	2.26	3.1	2.1	10	107	0.2
20250E 20500N	20500N	20250E	20500N	10 U	420250	5420500	7	0.2	2.9	11	0.25	10	231	0.1
20250E 20525N	20525N	20250E	20525N	10 U	420250	5420525	9	0.2	2.53	7.8	1.8	10	232	0.1

Soil Sample Assay Key

SampleID	Ca_perc	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm	Na_perc	Ni_ppm
20150E 20750N	0.22	0.1	23.4	27	92.3	6.29	6	0.11	0.05	22	0.49	899	5.1	0.013	37.8
20150E 20775N	0.41	0.2	20.3	34	115	5.39	6	0.11	0.06	15	0.77	853	3.1	0.017	50.5
20150E 20800N	0.39	0.2	25.6	36	132	5.39	6	0.14	0.06	16	0.87	937	2.5	0.019	63.1
20150E 20825N	0.29	0.2	16	32	99.9	4.85	6	0.15	0.04	10	0.72	732	1.8	0.015	39.4
20150E 20850N	0.21	0.1	10.3	34	67.7	4.75	8	0.1	0.05	8	0.7	352	1.3	0.013	26.5
20150E 20875N	0.17	0.2	8.5	32	37.6	4.31	9	0.11	0.05	9	0.59	296	1.4	0.012	19.1
20150E 20900N	0.24	0.1	4.9	24	17.8	3.32	8	0.15	0.05	11	0.33	217	1.5	0.011	10.9
20150E 20925N	0.3	0.2	11.6	38	61.4	4.43	10	0.19	0.07	9	0.8	439	2.1	0.014	27
20150E 20950N	0.25	0.1	12.9	37	105	4.2	8	0.12	0.04	6	0.86	378	1.2	0.015	33.3
20150E 20975N	0.35	0.2	10.1	30	73.9	4.06	9	0.19	0.04	6	0.62	476	0.5	0.02	20.9
20150E 21000N	0.59	0.2	23.7	37	137	4.86	7	0.13	0.05	10	1.01	915	1.1	0.022	42.9
20200E 20500N	0.82	0.3	26.2	40	133	4.86	10	0.12	0.04	10	0.84	1530	1	0.019	34.1
20200E 20525N	0.32	0.1	10.6	49	57	4.38	10	0.11	0.05	8	0.53	440	0.9	0.014	30.3
20200E 20550N	0.28	0.2	16.7	47	126	5.24	10	0.12	0.05	5	0.83	629	1	0.015	37.3
20200E 20575N	0.18	0.05	13.2	43	72.4	5.19	10	0.13	0.06	7	0.8	733	1.1	0.014	33.3
20200E 20600N	0.48	0.3	30.2	51	170	6.03	10	0.09	0.06	7	1.6	1640	0.8	0.014	42.5
20200E 20625N	0.29	0.2	8.9	27	28	3.88	8	0.1	0.05	9	0.4	601	0.7	0.011	15.3
20200E 20650N	0.26	0.2	15.1	35	93.3	5.1	8	0.12	0.08	8	0.87	677	1.7	0.015	42.2
20200E 20675N	0.24	0.4	18.8	39	83.6	5.73	8	0.17	0.08	14	0.68	782	3.6	0.013	49.7
20200E 20700N	0.24	0.2	11.2	34	29	4.64	9	0.09	0.05	12	0.42	502	2.6	0.014	25.3
20200E 20725N	0.22	0.2	15.3	37	47.8	4.67	8	0.15	0.05	10	0.67	728	1.4	0.015	36.4
20200E 20750N	0.38	0.2	16.2	33	85.4	4.2	7	0.15	0.07	12	0.66	1390	1.5	0.017	43.7
20200E 20775N	0.25	0.2	13.4	38	47.8	5.16	10	0.23	0.06	7	0.66	780	1.4	0.018	30
20200E 20800N	0.26	0.1	9.9	26	66.6	3.9	8	0.13	0.05	8	0.47	319	0.6	0.015	22.4
20200E 20825N	0.28	0.1	5	24	20.2	3.63	10	0.08	0.04	9	0.35	320	1	0.014	11.6
20200E 20850N	0.34	0.2	11.9	32	56.5	4.67	9	0.08	0.04	6	0.68	770	0.7	0.017	27.3
20200E 20875N	0.28	0.1	12.5	35	94.9	5.16	10	0.08	0.04	7	0.63	486	2.1	0.014	30.4
20200E 20900N	0.21	0.05	8.9	36	68.1	4.73	11	0.06	0.04	7	0.53	279	1.1	0.014	23
20200E 20925N	0.43	0.05	7.4	30	74.2	4.58	12	0.1	0.03	7	0.41	295	0.6	0.019	17.5
20200E 20950N	0.2	0.05	7.1	36	114	4.79	12	0.26	0.04	6	0.41	279	1.1	0.016	19.8
20200E 20975N	0.23	0.05	8.4	35	80.7	4.05	10	0.16	0.05	7	0.57	415	0.9	0.016	25.2
20200E 21000N	0.26	0.05	6.9	27	39.5	3.59	11	0.11	0.04	8	0.38	360	0.5	0.018	15.7
20250E 20500N	0.53	0.3	21.9	45	125	4.81	9	0.15	0.05	8	1.1	1250	1.4	0.015	37.9
20250E 20525N	0.77	0.3	19.2	37	96.2	3.88	7	0.16	0.04	8	1.04	1090	0.9	0.017	33.2

Soil Sample Assay Key

SampleID	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
20150E 20750N	0.149	21.1	0.5	2.5	4.3	2.2	15	0.1	1.5	0.051	0.05	67	0.05	112
20150E 20775N	0.17	14.2	0.5	1.5	5.7	1.6	18	0.1	1.4	0.074	0.05	78	0.05	121
20150E 20800N	0.13	13	0.5	1.3	6.2	1.4	20	0.1	1.5	0.096	0.05	90	0.05	138
20150E 20825N	0.083	14	0.5	0.8	5.2	1	18	0.1	1.1	0.084	0.05	77	0.05	106
20150E 20850N	0.05	7.1	0.5	0.3	4.4	0.5	21	0.1	1.1	0.103	0.05	97	0.05	97
20150E 20875N	0.044	5.4	0.5	0.3	4.2	0.7	18	0.1	1	0.089	0.1	95	0.05	85
20150E 20900N	0.02	5.5	0.5	0.4	3.4	0.25	22	0.1	1	0.122	0.05	93	0.05	47
20150E 20925N	0.079	8.6	0.5	0.6	4.9	0.7	21	0.1	1.1	0.125	0.1	109	0.05	115
20150E 20950N	0.08	5.8	0.5	0.4	5.7	0.7	17	0.1	1	0.11	0.05	95	0.05	92
20150E 20975N	0.071	13.3	0.5	0.05	5.1	0.25	19	0.1	0.8	0.126	0.05	103	0.05	69
20150E 21000N	0.078	7.6	0.5	0.8	6.9	0.8	22	0.1	1	0.159	0.05	102	0.05	105
20200E 20500N	0.065	12	0.5	0.05	5.9	0.6	46	0.1	0.6	0.191	0.05	127	0.05	95
20200E 20525N	0.046	7.3	0.5	0.2	4.9	0.5	28	0.1	0.9	0.128	0.05	108	0.05	78
20200E 20550N	0.094	10.4	0.5	0.3	5.3	0.6	21	0.1	1	0.128	0.05	132	0.05	87
20200E 20575N	0.087	7.2	0.5	0.4	4.8	0.6	21	0.1	1.1	0.1	0.05	116	0.05	91
20200E 20600N	0.124	8.4	0.5	0.3	11.7	0.6	22	0.1	1.3	0.089	0.05	124	0.05	100
20200E 20625N	0.053	8.7	0.5	0.4	4	0.6	28	0.1	0.9	0.098	0.05	92	0.05	81
20200E 20650N	0.055	10.3	0.5	0.6	5.6	0.7	21	0.1	1	0.1	0.05	98	0.05	125
20200E 20675N	0.114	12	0.5	1.1	5.5	1.2	24	0.1	1.7	0.08	0.05	92	0.05	204
20200E 20700N	0.048	10.7	0.5	0.5	4.1	0.5	26	0.1	1.1	0.097	0.05	100	17.6	153
20200E 20725N	0.088	8.5	0.5	0.3	4.7	0.7	21	0.1	1.1	0.083	0.05	87	0.05	182
20200E 20750N	0.081	16.6	0.5	0.2	5.3	0.6	24	0.1	1	0.113	0.05	87	0.05	114
20200E 20775N	0.087	9.2	0.5	0.4	4.8	0.6	20	0.1	1.1	0.134	0.05	114	0.05	137
20200E 20800N	0.032	5.2	0.5	0.3	4.5	0.25	22	0.1	1	0.115	0.05	86	0.05	95
20200E 20825N	0.021	7.1	0.5	0.4	3.9	0.6	22	0.1	0.8	0.17	0.05	119	0.05	56
20200E 20850N	0.032	9.6	0.5	0.2	4.8	0.25	21	0.1	0.8	0.135	0.05	94	0.05	77
20200E 20875N	0.049	8.7	0.5	0.3	5.1	0.5	20	0.1	1	0.125	0.05	121	0.05	89
20200E 20900N	0.061	5.7	0.5	0.2	4.2	0.25	15	0.1	1	0.133	0.1	104	0.05	87
20200E 20925N	0.068	7.5	0.5	0.3	4.4	0.7	15	0.1	0.9	0.191	0.05	127	0.05	64
20200E 20950N	0.087	6.5	0.5	0.3	4.4	0.7	14	0.1	1	0.104	0.05	113	0.05	61
20200E 20975N	0.091	6.1	0.5	0.4	4.6	0.7	17	0.1	0.9	0.117	0.1	92	0.05	68
20200E 21000N	0.056	6.4	0.5	0.1	4	0.5	18	0.1	1	0.122	0.1	86	0.05	48
20250E 20500N	0.057	12.2	0.5	0.2	6.1	0.7	27	0.1	0.7	0.171	0.05	130	0.05	105
20250E 20525N	0.055	15.6	0.5	0.05	6.4	0.6	32	0.1	0.6	0.132	0.05	97	0.05	91

Soil Sample Assay Key

SampleID	Label	Grid_East	Grid_North	UTM Zone	Easting	Northing	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm
20250E 20550N	20550N	20250E	20550N	10 U	420250	5420550	10	0.2	2.3	6.8	1.9	10	179	0.2
20250E 20575N	20575N	20250E	20575N	10 U	420250	5420575	14	0.2	2.41	9.5	5.6	10	207	0.2
20250E 20600N	20600N	20250E	20600N	10 U	420250	5420600	4	0.1	1.42	2.9	2.1	10	128	0.1
20250E 20625N	20625N	20250E	20625N	10 U	420250	5420625	6	0.5	3.48	13.2	2.9	10	178	0.05
20250E 20650N	20650N	20250E	20650N	10 U	420250	5420650	3	0.6	3.27	10.6	2.1	10	186	0.1
20250E 20675N	20675N	20250E	20675N	10 U	420250	5420675	3	0.5	2.46	9.4	1.3	10	165	0.2
20250E 20700N	20700N	20250E	20700N	10 U	420250	5420700	8	0.4	2.53	14.8	0.25	10	220	0.2
20250E 20725N	20725N	20250E	20725N	10 U	420250	5420725	3	0.2	1.32	3.2	0.25	10	132	0.1
20250E 20750N	20750N	20250E	20750N	10 U	420250	5420750	8	0.3	1.76	7.7	1.3	10	227	0.2
20250E 20775N	20775N	20250E	20775N	10 U	420250	5420775	5	0.4	2.09	7.9	0.6	10	146	0.2
20250E 20800N	20800N	20250E	20800N	10 U	420250	5420800	7	0.2	1.58	3.6	1.3	10	181	0.1
20250E 20825N	20825N	20250E	20825N	10 U	420250	5420825	6	0.5	3.39	7.7	1.4	10	153	0.1
20250E 20850N	20850N	20250E	20850N	10 U	420250	5420850	11	0.2	2.15	6.8	2.4	10	194	0.2
20250E 20875N	20875N	20250E	20875N	10 U	420250	5420875	5	0.3	3.05	8.4	1.8	10	87.9	0.1
20250E 20900N	20900N	20250E	20900N	10 U	420250	5420900	6	0.2	2.29	4.9	2	10	74.7	0.2
20250E 20925N	20925N	20250E	20925N	10 U	420250	5420925	9	0.3	3.8	9.9	2.7	10	72.6	0.1
20250E 20950N	20950N	20250E	20950N	10 U	420250	5420950	11	0.3	4.17	10.5	6.1	10	93.8	0.2
20250E 20975N	20975N	20250E	20975N	10 U	420250	5420975	6	0.4	4.72	9.6	1.8	10	137	0.1
20250E 21000N	21000N	20250E	21000N	10 U	420250	5421000	6	0.7	4.04	6.6	2.7	10	163	0.1
20300E 20500N	20500N	20300E	20500N	10 U	420300	5420500	5	0.3	1.96	6.4	0.25	10	266	0.3
20300E 20525N	20525N	20300E	20525N	10 U	420300	5420525	8	0.2	2.23	6.1	2.6	10	215	0.1
20300E 20550N	20550N	20300E	20550N	10 U	420300	5420550	7	0.2	2.84	3.9	0.7	10	187	0.1
20300E 20575N	20575N	20300E	20575N	10 U	420300	5420575	4	0.2	2.9	7.3	1.6	10	141	0.05
20300E 20600N	20600N	20300E	20600N	10 U	420300	5420600	4	0.2	2.04	3.2	0.25	10	106	0.05
20300E 20625N	20625N	20300E	20625N	10 U	420300	5420625	17	0.9	3.42	14.3	3.1	10	142	0.05
20300E 20650N	20650N	20300E	20650N	10 U	420300	5420650	13	1.7	2.66	16.8	7.3	10	141	0.05
20300E 20675N	20675N	20300E	20675N	10 U	420300	5420675	6	0.4	2.19	14.5	0.25	10	229	0.1
20300E 20700N	20700N	20300E	20700N	10 U	420300	5420700	6	0.6	2.75	10.9	2	10	222	0.2
20300E 20725N	20725N	20300E	20725N	10 U	420300	5420725	5	0.4	1.84	4.5	47.1	10	155	0.1
20300E 20750N	20750N	20300E	20750N	10 U	420300	5420750	6	0.2	2.87	11.2	0.7	10	224	0.1
20300E 20775N	20775N	20300E	20775N	10 U	420300	5420775	11	0.2	2.94	7.9	1.1	10	182	0.1
20300E 20800N	20800N	20300E	20800N	10 U	420300	5420800	7	0.2	3.64	6	0.9	10	118	0.1
20300E 20825N	20825N	20300E	20825N	10 U	420300	5420825	6	0.5	2.89	7.5	13.4	10	110	0.1
20300E 20850N	20850N	20300E	20850N	10 U	420300	5420850	30	0.3	2.73	3.9	0.9	10	66.7	0.1

Soil Sample Assay Key

SampleID	Ca_perc	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm	Na_perc	Ni_ppm
20250E 20550N	0.62	0.3	18	32	77.7	3.89	8	0.14	0.04	8	0.83	1250	0.6	0.018	30.3
20250E 20575N	0.52	0.3	20.8	36	104	4.1	7	0.17	0.04	8	0.97	1670	1.1	0.016	36.8
20250E 20600N	0.36	0.1	7.6	19	19.5	2.7	6	0.14	0.04	7	0.35	1490	0.3	0.012	11.7
20250E 20625N	0.28	0.2	19.9	41	127	4.91	8	0.14	0.07	7	1.06	575	1.2	0.016	45.9
20250E 20650N	0.27	0.2	19.7	63	37.7	4.26	10	0.17	0.03	9	1.47	1170	0.7	0.014	30
20250E 20675N	0.25	0.3	12.4	30	37.3	4.52	9	0.17	0.06	11	0.46	677	1.2	0.012	27.5
20250E 20700N	0.36	0.4	20.2	44	90.1	4.56	7	0.14	0.06	13	0.78	1140	2.4	0.015	47.7
20250E 20725N	0.23	0.1	4.9	21	11	2.95	7	0.07	0.03	8	0.28	407	0.5	0.012	10.5
20250E 20750N	0.49	0.3	11	26	35.6	3.59	7	0.11	0.05	8	0.46	2370	0.8	0.017	23.2
20250E 20775N	0.28	0.2	9	25	45.9	4.05	8	0.1	0.05	8	0.49	569	0.7	0.015	20.6
20250E 20800N	0.28	0.3	11.3	25	23	3.5	7	0.05	0.03	10	0.35	621	1.7	0.015	17.9
20250E 20825N	0.34	0.2	13.4	37	89.2	4.67	11	0.07	0.05	7	0.59	801	1.3	0.019	28.4
20250E 20850N	0.66	0.3	14.4	31	65.1	3.87	11	0.21	0.04	5	0.52	3330	0.4	0.021	21.8
20250E 20875N	0.29	0.05	9.1	36	92	4.54	10	0.11	0.04	6	0.62	362	1.1	0.017	25.2
20250E 20900N	0.36	0.2	8.7	31	74.4	4.36	11	0.13	0.03	6	0.56	589	1.3	0.02	24.2
20250E 20925N	0.16	0.05	6.5	34	120	4.52	10	0.16	0.03	6	0.41	281	1	0.013	19.2
20250E 20950N	0.22	0.1	6.9	38	120	4.95	12	0.2	0.04	6	0.42	500	1.1	0.017	19.9
20250E 20975N	0.2	0.05	11.2	42	76.1	4.61	13	0.11	0.05	6	0.63	721	0.9	0.016	27.9
20250E 21000N	0.37	0.4	88.2	34	140	3.8	10	0.18	0.05	15	0.63	4580	1.8	0.021	34.8
20300E 20500N	0.5	0.6	13.5	21	38.6	3.07	7	0.21	0.05	6	0.39	3190	0.4	0.014	14.6
20300E 20525N	0.64	0.4	19	37	46.1	3.88	11	0.12	0.03	5	0.72	2770	0.3	0.014	24.8
20300E 20550N	0.46	0.3	22.7	39	140	5.16	12	0.12	0.04	5	0.59	1460	0.3	0.014	32.4
20300E 20575N	0.3	0.2	17.8	63	105	4.96	10	0.11	0.04	6	1.05	712	0.6	0.015	47.7
20300E 20600N	0.43	0.2	16.2	39	38.1	3.9	9	0.07	0.03	6	0.71	1050	0.3	0.014	24.3
20300E 20625N	0.27	0.2	18.4	55	141	5.55	11	0.12	0.06	7	0.91	799	1.4	0.015	39
20300E 20650N	0.26	0.3	16.2	39	159	4.46	7	0.18	0.05	7	0.88	503	0.7	0.016	45.1
20300E 20675N	0.37	0.3	12.8	32	67.8	4	7	0.14	0.06	9	0.57	525	1.9	0.019	34.6
20300E 20700N	0.32	0.4	12.1	38	67.4	5.2	10	0.11	0.05	17	0.49	447	3.8	0.015	46.9
20300E 20725N	0.24	0.1	7.7	24	32.2	3.75	9	0.07	0.04	9	0.3	392	0.7	0.019	15.7
20300E 20750N	0.28	0.2	14.5	39	99	4.85	9	0.1	0.07	8	0.75	562	0.9	0.019	40.2
20300E 20775N	0.45	0.3	72.4	37	140	4.83	12	0.14	0.04	22	0.68	1230	2.2	0.023	50.6
20300E 20800N	0.31	0.05	13.5	35	80.9	4.67	12	0.08	0.04	6	0.61	595	1.1	0.019	25.5
20300E 20825N	0.29	0.1	8.4	34	76.9	4.59	11	0.17	0.04	7	0.47	299	0.8	0.019	21
20300E 20850N	0.28	0.05	7.5	31	65.7	4.59	13	0.12	0.03	6	0.45	262	0.5	0.018	18.3

Soil Sample Assay Key

SampleID	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
20250E 20550N	0.048	15.8	0.5	0.2	5.8	0.5	38	0.1	0.7	0.143	0.05	88	0.05	83
20250E 20575N	0.065	19.7	0.5	0.4	5.9	0.8	26	0.1	0.7	0.104	0.05	94	0.05	94
20250E 20600N	0.035	12.6	0.5	0.2	3.2	0.25	26	0.1	0.7	0.091	0.05	62	0.05	54
20250E 20625N	0.085	5.4	0.5	0.5	6.6	0.7	20	0.1	1.2	0.112	0.05	96	0.05	100
20250E 20650N	0.038	8.6	0.5	0.2	8.4	0.6	13	0.1	0.9	0.178	0.05	112	0.05	150
20250E 20675N	0.103	9.1	0.5	0.4	4.8	0.7	23	0.1	1.3	0.123	0.05	86	0.05	178
20250E 20700N	0.092	14.1	0.5	0.3	6.1	0.8	18	0.1	1.1	0.113	0.05	99	0.1	139
20250E 20725N	0.028	8.3	0.5	0.1	3.5	0.25	19	0.1	0.8	0.081	0.05	71	0.05	61
20250E 20750N	0.074	21.9	0.5	0.2	3.8	0.7	25	0.1	0.8	0.122	0.05	82	0.05	119
20250E 20775N	0.044	11.5	0.5	0.05	4.4	0.25	19	0.1	0.9	0.107	0.05	96	0.05	85
20250E 20800N	0.022	11.1	0.5	0.4	3.3	0.6	22	0.1	0.8	0.15	0.05	97	0.05	91
20250E 20825N	0.09	8.4	0.5	0.2	5.2	0.6	22	0.1	1.1	0.194	0.1	125	0.1	110
20250E 20850N	0.092	26.5	0.5	0.2	5.8	0.5	30	0.1	0.5	0.223	0.1	127	0.05	65
20250E 20875N	0.063	9.4	0.5	0.5	4.5	0.25	18	0.1	1	0.147	0.05	112	0.05	62
20250E 20900N	0.047	15	0.5	0.5	4.5	0.7	17	0.1	0.7	0.198	0.05	177	0.05	50
20250E 20925N	0.106	6.5	0.5	0.4	6.7	1.2	9	0.1	1.4	0.095	0.05	97	0.1	53
20250E 20950N	0.12	11.1	0.5	0.4	7.1	1.2	12	0.1	1.4	0.098	0.05	116	0.05	64
20250E 20975N	0.108	7.3	0.5	0.3	4.8	0.5	16	0.1	1	0.123	0.05	99	0.8	84
20250E 21000N	0.11	6.2	0.5	0.3	6.8	1.4	19	0.1	0.7	0.136	0.1	100	0.05	102
20300E 20500N	0.068	26.6	0.5	0.05	3.1	0.6	31	0.1	0.5	0.109	0.1	76	0.1	99
20300E 20525N	0.076	9.6	0.5	0.2	6.6	0.6	51	0.1	0.6	0.208	0.05	114	0.05	89
20300E 20550N	0.083	7.3	0.5	0.05	6.2	0.25	35	0.1	0.7	0.148	0.05	97	0.05	113
20300E 20575N	0.106	8.8	0.5	0.3	6.7	0.6	22	0.1	0.9	0.144	0.05	119	0.1	120
20300E 20600N	0.032	5.2	0.5	0.1	6.3	0.25	36	0.1	0.7	0.167	0.05	107	0.05	71
20300E 20625N	0.059	4.9	0.5	0.3	7.7	1	24	0.1	0.7	0.134	0.05	155	0.2	84
20300E 20650N	0.062	6.3	0.5	0.5	7.7	0.9	14	0.1	0.7	0.092	0.05	85	0.05	89
20300E 20675N	0.052	12.6	0.5	0.2	4.7	0.6	21	0.1	0.6	0.116	0.05	93	0.1	89
20300E 20700N	0.044	10.2	0.5	0.4	4.4	1	18	0.1	1	0.127	0.05	105	0.05	195
20300E 20725N	0.022	6.8	0.5	0.3	4.3	0.5	19	0.1	1.1	0.129	0.05	103	0.05	84
20300E 20750N	0.034	10	0.5	0.3	6.1	0.6	19	0.1	1	0.119	0.05	97	0.05	113
20300E 20775N	0.044	11.6	0.5	0.2	5.2	0.7	19	0.1	0.6	0.151	0.05	134	0.05	106
20300E 20800N	0.065	6.9	0.5	0.3	4.1	0.6	20	0.1	0.8	0.167	0.1	109	0.05	82
20300E 20825N	0.056	7.1	0.5	0.3	4.2	0.25	19	0.1	1	0.157	0.05	111	0.05	73
20300E 20850N	0.044	5	0.5	0.2	4.7	0.5	17	0.1	0.9	0.156	0.05	105	0.05	48

Soil Sample Assay Key

SampleID	Label	Grid_East	Grid_North	UTM Zone	Easting	Northing	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm
20300E 20875N	20875N	20300E	20875N	10 U	420300	5420875	6	0.4	3.62	6.3	2.6	10	92	0.1
20300E 20900N	20900N	20300E	20900N	10 U	420300	5420900	6	0.3	2.21	5	1.5	10	113	0.2
20300E 20925N	20925N	20300E	20925N	10 U	420300	5420925	6	0.4	3.43	9.6	3.2	10	148	0.05
20300E 20950N	20950N	20300E	20950N	10 U	420300	5420950	6	0.5	1.8	2.1	0.6	10	69.8	0.1
20300E 20975N	20975N	20300E	20975N	10 U	420300	5420975	5	0.1	1.7	3.6	0.25	10	139	0.05
20300E 21000N	21000N	20300E	21000N	10 U	420300	5421000	14	0.4	2.54	3.5	3.5	10	98.1	0.2
20400E 21550N	21550N	20400E	21550N	10 U	420400	5421550	14	0.1	1.07	0.9	1.2	10	50	0.05
20400E 21600N	21600N	20400E	21600N	10 U	420400	5421600	6	0.2	2.46	4.4	2.6	10	187	0.05
20400E 21650N	21650N	20400E	21650N	10 U	420400	5421650	6	0.1	2.88	6.6	2.1	10	98.8	0.05
20400E 21700N	21700N	20400E	21700N	10 U	420400	5421700	6	0.05	2.73	6.9	2.2	10	207	0.05
20400E 21750N	21750N	20400E	21750N	10 U	420400	5421750	5	0.1	3.86	3.5	1.4	10	97.9	0.05
20400E 21800N	21800N	20400E	21800N	10 U	420400	5421800	4	0.2	0.63	0.9	1.3	10	74.6	0.05
20400E 21850N	21850N	20400E	21850N	10 U	420400	5421850	5	0.1	2.53	4.4	0.25	10	86.2	0.05
20400E 21900N	21900N	20400E	21900N	10 U	420400	5421900	7	0.2	2.3	6.6	0.25	10	101	0.1
20400E 21950N	21950N	20400E	21950N	10 U	420400	5421950	5	0.3	2.69	12	0.25	10	92.4	0.05
20400E 22000N	22000N	20400E	22000N	10 U	420400	5422000	3	0.2	2.98	3.1	1.4	10	142	0.1
20400E 22050N	22050N	20400E	22050N	10 U	420400	5422050	7	0.05	2.35	9	1.9	10	90.7	0.05
20400E 22100N	22100N	20400E	22100N	10 U	420400	5422100	5	0.05	1.78	2.7	6.8	10	114	0.1
20400E 22150N	22150N	20400E	22150N	10 U	420400	5422150	5	0.1	2.53	4.9	1.1	10	80	0.1
20400E 22200N	22200N	20400E	22200N	10 U	420400	5422200	5	0.2	3.03	7	1.1	10	92.4	0.05
20400E 22250N	22250N	20400E	22250N	10 U	420400	5422250	7	0.3	2.17	6.9	1.5	10	162	0.1
20400E 22300N	22300N	20400E	22300N	10 U	420400	5422300	7	0.2	2.02	4.4	5.6	10	82.7	0.05
20400E 22350N	22350N	20400E	22350N	10 U	420400	5422350	5	0.2	2.16	4.7	5.9	10	79	0.1
20400E 22,400N	22400N	20400E	2,400N	10 U	420400	5422400	7	0.1	2.23	4.3	1.1	10	253	0.05
20400E 22450N	22,450N	20400E	22450N	10 U	420400	5422450	4	0.1	1.54	1.8	0.8	10	202	0.1
20400E 22500N	22500N	20400E	22500N	10 U	420400	5422500	4	0.1	2.87	3.1	2.7	10	113	0.05
20450E 20625N	20625N	20450E	20625N	10 U	420450	5420625	16	0.1	2.06	12.7	7.1	10	315	0.2
20450E 20650N	20650N	20450E	20650N	10 U	420450	5420650	15	0.2	2.69	5.9	2.3	10	69	0.1
20450E 20675N	20675N	20450E	20675N	10 U	420450	5420675	7	0.2	2.17	2.4	0.25	10	55.7	0.1
20450E 20700N	20700N	20450E	20700N	10 U	420450	5420700	6	0.2	2.18	2.5	1	10	113	0.1
20450E 20725N	20725N	20450E	20725N	10 U	420450	5420725	10	0.2	2.43	4.5	1.9	10	81.7	0.1
20450E 20750N	20750N	20450E	20750N	10 U	420450	5420750	7	0.3	3.14	4.8	22	10	104	0.1
20450E 20775N	20775N	20450E	20775N	10 U	420450	5420775	9	0.2	3.56	4.9	11.1	10	107	0.05
20450E 20850N	20850N	20450E	20850N	10 U	420450	5420850	5	0.3	3.1	6.6	2.3	10	155	0.1

Soil Sample Assay Key

SampleID	Ca_perc	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm	Na_perc	Ni_ppm
20300E 20875N	0.26	0.05	8.1	36	89.4	4.98	13	0.11	0.04	6	0.48	264	0.6	0.019	19.9
20300E 20900N	0.3	0.05	5.5	26	61.1	3.68	9	0.06	0.04	6	0.37	242	0.6	0.017	16.2
20300E 20925N	0.25	0.05	9.2	35	97.2	3.92	10	0.11	0.07	7	0.68	347	1.1	0.021	30.4
20300E 20950N	0.21	0.05	4.8	18	14.5	2.57	9	0.06	0.02	7	0.46	314	0.5	0.015	8
20300E 20975N	0.42	0.05	16.3	25	45.3	3.83	9	0.04	0.04	8	0.6	806	0.5	0.022	25.5
20300E 21000N	0.43	0.1	10.7	29	70.1	4.07	12	0.15	0.04	6	0.47	497	0.4	0.025	21.2
20400E 21550N	0.27	0.05	4.3	25	13.8	2.73	7	0.04	0.02	5	0.27	226	0.4	0.02	11.2
20400E 21600N	0.8	0.05	11.5	33	88.2	3.59	6	0.06	0.05	8	0.67	419	0.9	0.083	26.4
20400E 21650N	0.4	0.2	17.5	45	68.4	4.89	9	0.12	0.05	7	0.9	924	1	0.023	31.8
20400E 21700N	0.77	0.05	20.2	37	92.6	4.29	6	0.04	0.06	8	0.8	1140	0.7	0.074	38.3
20400E 21750N	0.32	0.1	8.9	46	49.2	4.41	12	0.07	0.04	5	0.44	269	0.8	0.029	24.2
20400E 21800N	0.42	0.05	3.6	18	7.6	1.5	4	0.02	0.02	5	0.19	175	0.2	0.023	7.4
20400E 21850N	0.42	0.05	11.2	54	71.3	3.65	10	0.04	0.02	4	0.58	480	0.5	0.029	26.8
20400E 21900N	0.34	0.05	9.6	38	41.6	4.18	10	0.13	0.03	5	0.42	447	0.7	0.027	24.5
20400E 21950N	0.3	0.1	11.8	54	85.4	4.99	10	0.08	0.03	4	0.47	373	0.9	0.027	32.2
20400E 22000N	0.34	0.1	12.5	36	54.6	4.21	10	0.09	0.04	6	0.35	1350	0.7	0.026	19.6
20400E 22050N	0.3	0.1	14.2	48	115	4.61	9	0.08	0.02	3	0.45	1110	0.6	0.017	26.3
20400E 22100N	0.25	0.05	9.7	20	17.1	3.64	8	0.07	0.04	6	0.23	1120	0.6	0.022	9.2
20400E 22150N	0.25	0.1	6.9	30	31.1	3.96	11	0.07	0.03	4	0.37	306	1	0.024	15.7
20400E 22200N	0.32	0.2	9.2	33	61.9	4.04	10	0.11	0.04	3	0.5	262	1.4	0.032	21.2
20400E 22250N	0.62	0.3	23.4	27	40.6	3.18	8	0.08	0.05	15	0.53	1820	1.8	0.038	22
20400E 22300N	0.31	0.1	7	25	32.6	3.47	9	0.12	0.03	5	0.32	601	1	0.029	12.3
20400E 22350N	0.32	0.1	6.5	26	27.6	3.67	10	0.13	0.03	4	0.33	173	0.7	0.028	14.2
20400E 22,400N	0.51	0.2	16.7	40	81	3.31	6	0.05	0.04	10	0.67	614	0.8	0.042	31.7
20400E 22450N	0.44	0.2	17.2	26	26.8	2.97	7	0.05	0.03	10	0.39	1260	0.8	0.031	24.3
20400E 22500N	0.3	0.1	11	37	41.7	3.87	11	0.09	0.03	5	0.47	512	1.3	0.026	22.7
20450E 20625N	0.79	0.5	18.7	55	123	4.63	6	0.08	0.06	43	0.92	1150	3	0.028	40.9
20450E 20650N	0.38	0.05	10.8	39	64.4	4.58	12	0.11	0.03	6	0.64	632	0.7	0.02	23.8
20450E 20675N	0.38	0.05	7.1	26	33.8	3.56	10	0.1	0.02	6	0.44	439	0.4	0.022	15.4
20450E 20700N	0.44	0.05	9	30	47.9	3.62	9	0.08	0.03	7	0.47	421	0.3	0.025	19.6
20450E 20725N	0.28	0.1	14.3	37	65.7	4.81	10	0.1	0.03	4	0.61	624	0.4	0.017	24.7
20450E 20750N	0.41	0.1	53.3	37	75.1	5.21	12	0.11	0.03	6	0.72	1460	0.4	0.024	29.8
20450E 20775N	0.45	0.05	11	38	107	4.7	11	0.12	0.03	6	0.64	391	0.7	0.032	26.5
20450E 20850N	0.54	0.2	69.1	49	99.3	4.9	12	0.11	0.03	8	0.77	1620	0.6	0.025	36.4

Soil Sample Assay Key

SampleID	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
20300E 20875N	0.048	6.1	0.5	0.3	4.4	0.6	19	0.1	1	0.165	0.05	116	0.05	54
20300E 20900N	0.044	11	0.5	0.4	4	0.6	18	0.1	0.7	0.144	0.05	96	0.05	47
20300E 20925N	0.059	5.2	0.5	0.5	5.1	0.9	17	0.1	0.8	0.161	0.05	94	0.05	66
20300E 20950N	0.025	7.9	0.5	0.1	4.3	0.6	11	0.1	0.6	0.056	0.05	63	0.05	42
20300E 20975N	0.035	4.4	0.5	0.05	4.6	0.25	21	0.1	0.6	0.18	0.05	96	0.05	74
20300E 21000N	0.042	10.8	0.5	0.2	4.3	0.25	22	0.1	0.8	0.194	0.05	108	0.05	80
20400E 21550N	0.019	4.5	0.5	0.1	2.5	0.25	11	0.1	0.6	0.149	0.05	82	0.05	24
20400E 21600N	0.081	3.6	0.5	0.2	5.9	0.8	28	0.1	0.9	0.136	0.05	102	0.05	45
20400E 21650N	0.14	7.5	0.5	0.2	6.4	0.8	16	0.1	1.1	0.097	0.05	103	0.05	87
20400E 21700N	0.107	3.4	0.5	0.3	6.5	0.7	26	0.1	1.1	0.18	0.05	116	0.05	66
20400E 21750N	0.068	4.3	0.5	0.1	4.3	0.6	11	0.1	0.8	0.157	0.05	124	0.05	49
20400E 21800N	0.008	7.2	0.5	0.1	1.9	0.25	20	0.1	0.3	0.141	0.05	54	0.05	13
20400E 21850N	0.054	3.5	0.5	0.1	3.3	0.7	21	0.1	0.5	0.143	0.05	121	0.3	50
20400E 21900N	0.082	5.8	0.5	0.2	3.6	0.6	16	0.1	0.5	0.118	0.05	120	0.05	72
20400E 21950N	0.053	4	0.5	0.2	5	0.6	14	0.1	0.7	0.132	0.05	156	0.05	60
20400E 22000N	0.06	5	0.5	0.2	4.7	0.5	20	0.1	0.5	0.158	0.05	140	0.05	69
20400E 22050N	0.053	3.7	0.5	0.4	4.7	0.5	23	0.1	0.4	0.089	0.05	134	0.05	69
20400E 22100N	0.05	5.7	0.5	0.2	3.6	0.5	12	0.1	0.6	0.105	0.05	116	0.05	50
20400E 22150N	0.063	9.2	0.5	0.1	4	0.6	10	0.1	1	0.121	0.05	123	0.05	45
20400E 22200N	0.087	5.9	0.5	0.3	4.6	0.7	12	0.1	0.9	0.113	0.05	127	0.05	48
20400E 22250N	0.047	8.4	0.5	0.05	4.5	0.9	32	0.1	0.6	0.132	0.05	100	0.05	60
20400E 22300N	0.049	4.2	0.5	0.1	3.9	0.6	14	0.1	0.8	0.105	0.05	115	0.05	35
20400E 22350N	0.039	8.8	0.5	0.3	3.1	0.7	13	0.1	0.7	0.107	0.05	117	0.05	37
20400E 22,400N	0.066	3.6	0.5	0.2	5.2	0.8	19	0.1	0.7	0.121	0.05	88	0.05	54
20400E 22450N	0.021	7.9	0.5	0.2	3.3	0.5	19	0.1	0.6	0.193	0.05	94	0.05	74
20400E 22500N	0.068	4.9	0.5	0.2	3.4	0.6	12	0.1	0.8	0.143	0.05	104	0.05	50
20450E 20625N	0.074	9	0.5	0.4	7.9	0.8	27	0.1	3.6	0.132	0.05	93	0.05	135
20450E 20650N	0.075	5.3	0.5	0.2	5.6	0.25	28	0.1	0.9	0.221	0.05	129	0.9	84
20450E 20675N	0.052	4.7	0.5	0.2	3.9	0.25	20	0.1	0.8	0.2	0.05	89	0.05	59
20450E 20700N	0.036	6.9	0.5	0.2	4.5	0.25	26	0.1	0.8	0.185	0.05	99	0.05	61
20450E 20725N	0.056	8.5	0.5	0.05	5.4	0.25	16	0.1	0.5	0.171	0.05	137	0.05	59
20450E 20750N	0.062	10	0.5	0.2	6.4	0.5	24	0.1	0.6	0.191	0.05	136	0.05	54
20450E 20775N	0.054	5.6	0.5	0.3	5.2	0.7	20	0.1	0.8	0.241	0.05	131	4.9	55
20450E 20850N	0.064	9	0.5	0.3	6.8	0.7	28	0.1	0.7	0.223	0.05	143	0.05	75

Soil Sample Assay Key

SampleID	Label	Grid_East	Grid_North	UTM Zone	Easting	Northing	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm
20450E 20875N	20875N	20450E	20875N	10 U	420450	5420875	6	0.4	2.07	10.1	1.4	10	158	0.1
20450E 20900N	20900N	20450E	20900N	10 U	420450	5420900	7	0.2	1.2	4.4	0.8	10	156	0.2
20450E 20925N	20925N	20450E	20925N	10 U	420450	5420925	4	0.2	3	14.6	1.3	10	347	0.1
20450E 20950N	20950N	20450E	20950N	10 U	420450	5420950	10	0.1	3.95	43.7	1.1	10	274	0.05
20450E 20975N	20975N	20450E	20975N	10 U	420450	5420975	8	0.1	2.05	58.8	1.1	10	427	0.05
20450E 21000N	21000N	20450E	21000N	10 U	420450	5421000	5	0.2	2.04	6.6	0.5	10	197	0.1
20450E 20500N	20500N	20450E	20500N	10 U	420450	5420500	6	0.4	2.9	7.3	0.25	10	156	0.1
20450E 20525N	20525N	20450E	20525N	10 U	420450	5420525	16	0.8	2.8	9.9	5.9	10	119	0.1
20450E 20550N	20550N	20450E	20550N	10 U	420450	5420550	10	0.3	2.71	12.6	4.1	10	100	0.1
20450E 20575N	20575N	20450E	20575N	10 U	420450	5420575	28	0.3	2.25	12.6	9.9	10	180	0.3
20450E 20600N	20600N	20450E	20600N	10 U	420450	5420600	14	0.2	3.15	10.5	4	10	134	0.1
20500E 21500N	21500N	20500E	21500N	10 U	420500	5421500	5	0.05	1.31	2.8	2	10	133	0.2
20500E 21550N	21550N	20500E	21550N	10 U	420500	5421550	11	0.3	5.2	7.4	4.8	10	119	0.05
20500E 21600N	21600N	20500E	21600N	10 U	420500	5421600	4	0.05	1.51	2.2	0.8	10	68.2	0.05
20500E 21650N	21650N	20500E	21650N	10 U	420500	5421650	3	0.1	1.79	2.1	0.25	10	46.7	0.05
20500E 21700N	21700N	20500E	21700N	10 U	420500	5421700	3	0.05	3.72	4	1.5	10	76.1	0.05
20500E 21750N	21750N	20500E	21750N	10 U	420500	5421750	4	0.05	1.72	2.9	4.7	10	73.9	0.1
20500E 21800N	21800N	20500E	21800N	10 U	420500	5421800	5	0.2	2.47	4	1.8	10	94.2	0.05
20500E 21850N	21850N	20500E	21850N	10 U	420500	5421850	10	0.2	3.35	5.1	2.6	10	140	0.05
20500E 21900N	21900N	20500E	21900N	10 U	420500	5421900	7	0.2	2.82	5	0.8	10	113	0.05
20500E 21950N	21950N	20500E	21950N	10 U	420500	5421950	6	0.05	2.09	10	1.1	10	189	0.2
20500E 22000N	22000N	20500E	22000N	10 U	420500	5422000	5	0.1	2.61	5.2	1.3	10	103	0.1
20500E 22050N	22050N	20500E	22050N	10 U	420500	5422050	5	0.3	2.21	3.7	0.25	10	78.1	0.1
20500E 22100N	22100N	20500E	22100N	10 U	420500	5422100	4	0.2	2.53	9.5	2.5	10	90.2	0.1
20500E 22150N	22150N	20500E	22150N	10 U	420500	5422150	6	0.1	2.24	5.5	1.4	10	102	0.1
20500E 22200N	22200N	20500E	22200N	10 U	420500	5422200	8	0.2	2.09	2.8	2.4	10	66.5	0.1
20500E 22250N	22250N	20500E	22250N	10 U	420500	5422250	8	0.1	1.63	3.5	2.2	10	93.1	0.2
20500E 22300N	22300N	20500E	22300N	10 U	420500	5422300	5	0.2	2.4	247	2.9	10	102	0.1
20500E 22350N	22350N	20500E	22350N	10 U	420500	5422350	10	0.05	0.83	3.1	0.5	10	34.6	0.1
20500E 22400N	22400N	20500E	22400N	10 U	420500	5422400	6	0.1	1.55	8.5	0.7	10	65.2	0.1
20500E 22450N	22450N	20500E	22450N	10 U	420500	5422450	9	0.2	2.21	5.1	5.2	10	70.5	0.1
20500E 22500N	22500N	20500E	22500N	10 U	420500	5422500	3	0.05	0.82	1.5	1	10	59	0.05
20600E 21500N	21500N	20600E	21500N	10 U	420600	5421500	5	0.1	2.82	3.5	0.8	10	81.7	0.05
20600E 21550N	21550N	20600E	21550N	10 U	420600	5421550	4	0.1	2.57	1.8	0.5	10	91.7	0.05

Soil Sample Assay Key

SampleID	Ca_perc	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm	Na_perc	Ni_ppm
20450E 20875N	0.42	0.1	14.2	50	41.1	3.28	8	0.09	0.04	5	0.62	1730	0.6	0.021	28.2
20450E 20900N	0.57	0.05	8.6	36	13.9	1.94	5	0.06	0.02	5	0.46	989	0.3	0.025	18.9
20450E 20925N	0.73	0.4	22.2	79	77.5	4.3	9	0.09	0.04	5	1.11	2610	0.5	0.028	54.6
20450E 20950N	0.7	0.2	18.4	62	130	4.74	8	0.1	0.04	6	0.91	722	0.8	0.032	49.4
20450E 20975N	0.85	0.3	22.4	65	105	4.46	4	0.08	0.04	6	1.04	1550	0.7	0.031	45.3
20450E 21000N	0.4	0.1	9.7	41	33.5	3.49	9	0.12	0.04	7	0.4	950	0.4	0.02	20.1
20450E 20500N	0.32	0.3	16.5	55	84.8	4.39	9	0.15	0.05	9	0.83	438	1	0.019	42.9
20450E 20525N	0.36	0.2	23.2	70	129	4.76	7	0.2	0.04	14	1.11	1090	2.6	0.016	50
20450E 20550N	0.29	0.2	21.6	88	90.8	4.33	7	0.18	0.04	14	1.48	582	1.1	0.015	63.6
20450E 20575N	0.73	5.3	17.4	34	118	3.77	6	0.24	0.07	27	0.81	1180	1.8	0.025	29.6
20450E 20600N	0.46	0.2	15.6	32	119	4.2	8	0.17	0.05	9	0.79	771	1.2	0.027	29.4
20500E 21500N	0.22	0.05	6.6	20	14.5	3.62	7	0.04	0.04	6	0.28	580	0.5	0.019	10.3
20500E 21550N	0.34	0.1	9.9	43	126	3.62	9	0.27	0.04	7	0.62	269	1.8	0.036	29.5
20500E 21600N	0.28	0.05	5.8	25	16.9	3.47	10	0.03	0.03	5	0.33	259	1.5	0.023	11.4
20500E 21650N	0.27	0.05	10.9	19	11.5	4.83	11	0.13	0.03	6	0.34	349	0.4	0.016	13.4
20500E 21700N	0.22	0.05	11.9	35	37	5.02	12	0.15	0.05	6	0.51	326	1	0.021	20.9
20500E 21750N	0.26	0.05	5.3	29	13.6	3.49	12	0.07	0.03	7	0.31	295	0.8	0.018	12.7
20500E 21800N	0.34	0.1	7.3	33	43.1	3.74	10	0.13	0.03	4	0.41	224	0.9	0.026	19.7
20500E 21850N	0.38	0.05	10.2	38	99.7	3.35	8	0.13	0.03	11	0.57	303	0.9	0.037	27
20500E 21900N	0.3	0.05	9.2	47	82.7	3.97	9	0.11	0.03	4	0.53	272	0.8	0.025	25.7
20500E 21950N	0.64	0.3	33.9	62	60.8	4.02	10	0.1	0.03	5	0.53	3100	0.6	0.022	33.5
20500E 22000N	0.32	0.1	8.6	31	48.9	3.53	9	0.05	0.03	4	0.42	516	0.7	0.028	19.7
20500E 22050N	0.28	0.1	8.2	29	31.3	3.58	9	0.15	0.03	4	0.44	561	0.5	0.021	15.9
20500E 22100N	0.25	0.1	13.9	37	73.2	4.23	10	0.1	0.03	5	0.41	643	0.6	0.018	23.9
20500E 22150N	0.24	0.1	9.4	20	63.5	3.5	7	0.11	0.04	7	0.32	1250	1	0.022	14
20500E 22200N	0.21	0.05	5.5	18	39.7	2.97	7	0.07	0.03	6	0.24	409	0.7	0.022	8.7
20500E 22250N	0.12	0.05	4.1	12	20.3	2.34	7	0.04	0.04	10	0.09	468	0.3	0.017	5
20500E 22300N	0.33	0.1	9.4	25	30.6	3.31	9	0.08	0.03	5	0.38	930	0.7	0.031	15.6
20500E 22350N	0.27	0.05	2.9	16	5.4	2.64	8	0.01	0.02	5	0.17	186	0.4	0.021	4.9
20500E 22400N	0.2	0.05	3.6	15	19.5	2.55	6	0.16	0.03	7	0.22	642	1.3	0.018	8.8
20500E 22450N	0.27	0.05	4.9	29	31	3.84	11	0.1	0.03	5	0.34	211	0.6	0.025	12.9
20500E 22500N	0.31	0.05	3.1	15	6.9	2.48	6	0.03	0.02	7	0.19	214	0.6	0.016	7.7
20600E 21500N	0.28	0.1	14.2	28	53.7	3.96	8	0.12	0.04	5	0.54	778	0.9	0.025	24.2
20600E 21550N	0.27	0.1	12.2	25	38.2	4.69	9	0.05	0.04	5	0.4	339	0.5	0.025	18.5

Soil Sample Assay Key

SampleID	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
20450E 20875N	0.064	8.7	0.5	0.2	3.7	0.7	16	0.1	0.4	0.137	0.05	90	0.05	88
20450E 20900N	0.023	14.5	0.5	0.3	3	0.6	19	0.1	0.4	0.188	0.05	67	0.05	32
20450E 20925N	0.119	11.9	0.5	0.2	4.8	0.7	19	0.1	0.5	0.131	0.05	98	0.05	111
20450E 20950N	0.109	2.9	0.5	0.3	6.3	1.1	19	0.1	0.7	0.095	0.05	121	0.05	59
20450E 20975N	0.063	5.5	0.5	0.1	10.3	0.7	25	0.1	0.4	0.049	0.05	91	0.05	57
20450E 21000N	0.149	6.2	0.5	0.05	3.8	0.6	20	0.1	0.6	0.126	0.05	82	0.05	76
20450E 20500N	0.05	7.6	0.5	0.3	5.8	0.25	23	0.1	0.8	0.102	0.05	94	0.05	186
20450E 20525N	0.067	12.1	0.5	0.3	7.9	0.5	15	0.1	0.8	0.053	0.05	85	0.05	132
20450E 20550N	0.039	8.9	0.5	0.4	7.4	0.5	12	0.1	1.3	0.067	0.05	86	0.05	155
20450E 20575N	0.108	11.9	0.5	0.6	6.8	0.7	22	0.1	2.4	0.132	0.05	83	0.05	727
20450E 20600N	0.112	7.4	0.5	0.5	7.4	0.6	17	0.1	1.4	0.148	0.05	95	0.05	109
20500E 21500N	0.042	11.3	0.5	0.3	2.8	0.25	13	0.1	0.7	0.114	0.05	93	0.05	38
20500E 21550N	0.068	4	0.5	0.2	11.7	1.8	11	0.1	1.4	0.138	0.05	101	0.05	37
20500E 21600N	0.028	4.6	0.5	0.2	2.6	0.5	12	0.1	0.5	0.165	0.05	115	0.05	35
20500E 21650N	0.054	3.7	0.5	0.05	4.2	0.6	9	0.1	0.9	0.186	0.05	90	0.2	57
20500E 21700N	0.179	5.1	0.5	0.2	4.6	0.5	11	0.1	1.4	0.091	0.05	110	0.05	70
20500E 21750N	0.05	4.2	0.5	0.1	3	0.25	12	0.1	0.7	0.127	0.05	107	0.05	41
20500E 21800N	0.067	3.7	0.5	0.2	3.9	0.7	11	0.1	0.8	0.104	0.05	121	0.05	52
20500E 21850N	0.053	3.6	0.5	0.2	6.5	0.9	15	0.1	0.9	0.121	0.05	86	0.05	41
20500E 21900N	0.075	3.5	0.5	0.2	4.3	0.6	14	0.1	0.7	0.096	0.05	99	0.05	66
20500E 21950N	0.059	16.3	0.5	0.5	3.9	0.6	40	0.1	0.5	0.131	0.05	120	0.05	83
20500E 22000N	0.046	9.8	0.5	0.2	3.8	0.5	14	0.1	0.6	0.104	0.05	96	0.05	42
20500E 22050N	0.034	11.2	0.5	0.2	4.1	0.5	14	0.1	0.5	0.113	0.05	115	0.05	48
20500E 22100N	0.081	5.9	0.5	0.6	4.2	0.25	17	0.1	0.7	0.085	0.05	116	0.05	79
20500E 22150N	0.088	9	0.5	0.2	4.5	0.7	12	0.1	0.7	0.058	0.05	94	0.05	74
20500E 22200N	0.031	6	0.5	0.2	3.6	0.25	12	0.1	0.7	0.064	0.05	84	0.05	40
20500E 22250N	0.037	10.1	0.5	0.05	3.3	0.25	9	0.1	0.5	0.019	0.05	58	0.05	32
20500E 22300N	0.045	7.6	0.5	0.2	3.5	0.8	14	0.1	0.8	0.091	0.05	93	0.05	61
20500E 22350N	0.014	4.7	0.5	0.2	2	0.25	10	0.1	0.5	0.103	0.05	116	0.05	15
20500E 22400N	0.04	10.2	0.5	0.2	2	0.6	7	0.1	1.3	0.035	0.05	56	0.05	51
20500E 22450N	0.031	6.3	0.5	0.2	3.2	0.5	11	0.1	0.8	0.11	0.05	123	0.05	35
20500E 22500N	0.01	3.4	0.5	0.2	2.2	0.25	13	0.1	0.6	0.075	0.05	92	0.05	18
20600E 21500N	0.095	4	0.5	0.2	4.2	0.25	11	0.1	1	0.096	0.05	105	0.05	58
20600E 21550N	0.063	4	0.5	0.1	4.1	0.25	10	0.1	1.1	0.108	0.05	104	0.05	74

Soil Sample Assay Key

SampleID	Label	Grid_East	Grid_North	UTM Zone	Easting	Northing	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm
20600E 21600N	21600N	20600E	21600N	10 U	420600	5421600	3	0.1	1.67	2	0.25	10	76.7	0.05
20600E 21650N	21650N	20600E	21650N	10 U	420600	5421650	5	0.05	1.47	2.3	2	10	82.3	0.05
20600E 21700N	21700N	20600E	21700N	10 U	420600	5421700	4	0.05	1.45	2.2	6.6	10	77.2	0.1
20600E 21750N	21750N	20600E	21750N	10 U	420600	5421750	4	0.05	2.24	4.8	0.6	10	71.5	0.05
20600E 21800N	21800N	20600E	21800N	10 U	420600	5421800	7	0.05	2.09	5.3	1	10	160	0.05
20600E 21850N	21850N	20600E	21850N	10 U	420600	5421850	5	0.1	1.86	3.7	1.8	10	134	0.1
20600E 21900N	21900N	20600E	21900N	10 U	420600	5421900	4	0.2	2.28	5.5	2.3	10	97.3	0.1
20600E 21950N	21950N	20600E	21950N	10 U	420600	5421950	7	0.05	2.5	13.3	2.5	10	125	0.1
20600E 22000N	22000N	20600E	22000N	10 U	420600	5422000	7	0.1	1.93	2.9	1	10	52.7	0.05
20600E 22050N	22050N	20600E	22050N	10 U	420600	5422050	8	0.2	1.48	3.9	3	10	43.6	0.1
20600E 22100N	22100N	20600E	22100N	10 U	420600	5422100	5	0.05	2.31	6.6	1	10	144	0.2
20600E 22150N	22150N	20600E	22150N	10 U	420600	5422150	4	0.2	1.82	4.5	0.5	10	163	0.2
20600E 22200N	22200N	20600E	22200N	10 U	420600	5422200	9	0.3	4.39	21.6	6.1	10	145	0.5
20600E 22250N	22250N	20600E	22250N	10 U	420600	5422250	3	0.2	1.86	12.1	1.1	10	38.8	0.05
20600E 22300N	22300N	20600E	22300N	10 U	420600	5422300	2	0.1	0.72	1.9	0.25	10	15.4	0.05
20600E 22350N	22350N	20600E	22350N	10 U	420600	5422350	4	0.1	1.53	3.5	3.4	10	44.7	0.1
20600E 22400N	22400N	20600E	22400N	10 U	420600	5422400	5	0.05	2.17	4.9	1.6	10	66.1	0.2
20600E 22450N	22450N	20600E	22450N	10 U	420600	5422450	6	0.2	1.13	3.9	0.6	10	63.4	0.1
20600E 22500N	22500N	20600E	22500N	10 U	420600	5422500	5	0.6	2.89	6.4	1.3	10	315	0.2
20700E 21500N	21500N	20700E	21500N	10 U	420700	5421500	4	0.3	2.58	3.6	1.3	10	115	0.05
20700E 21550N	21550N	20700E	21550N	10 U	420700	5421550	5	0.1	2.48	4.6	2	10	181	0.05
20700E 22100N	22100N	20700E	22100N	10 U	420700	5422100	11	0.4	3.12	5.5	2.7	10	94.5	0.1
20700E 22150N	22150N	20700E	22150N	10 U	420700	5422150	9	0.3	4.08	5.3	2.2	10	91.5	0.1
20700E 22200N	22200N	20700E	22200N	10 U	420700	5422200	6	0.5	3.25	8	93.6	10	87.3	0.1
20700E 22250N	22250N	20700E	22250N	10 U	420700	5422250	8	0.5	4.21	9.7	3.7	10	124	0.1
20700E 22300N	22300N	20700E	22300N	10 U	420700	5422300	6	0.3	1.67	5.9	1.3	10	61.9	0.2
20700E 22350N	22350N	20700E	22350N	10 U	420700	5422350	7	0.1	3.18	8.8	1.7	10	73.5	0.1
20700E 22400N	22400N	20700E	22400N	10 U	420700	5422400	7	0.2	3.13	10.9	3	10	86.9	0.2
20700E 22450N	22450N	20700E	22450N	10 U	420700	5422450	9	0.5	3.17	12.6	1.7	10	75.6	0.2
20700E 22500N	22500N	20700E	22500N	10 U	420700	5422500	15	0.8	2.86	17.6	1.2	10	58.1	0.1
20700E 22550N	22550N	20700E	22550N	10 U	420700	5422550	7	0.5	2.28	13.7	2.2	10	74.5	0.2
20700E 22600N	22600N	20700E	22600N	10 U	420700	5422600	8	0.4	2.58	7.9	7	10	95.7	0.1
20700E 22650N	22650N	20700E	22650N	10 U	420700	5422650	7	0.4	2.51	8.9	1.6	10	96.3	0.2
20700E 22700N	22700N	20700E	22700N	10 U	420700	5422700	15	0.4	3.67	6.6	4.2	10	75.8	0.2

Soil Sample Assay Key

SampleID	Ca_perc	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm	Na_perc	Ni_ppm
20600E 21600N	0.3	0.05	7.4	22	21.2	3.05	8	0.06	0.03	5	0.32	408	0.4	0.024	12.1
20600E 21650N	0.29	0.05	6.5	19	9.6	3.64	8	0.07	0.04	7	0.33	775	0.4	0.018	10.1
20600E 21700N	0.29	0.05	5.2	25	17.6	2.97	9	0.05	0.03	6	0.27	330	0.4	0.02	12
20600E 21750N	0.27	0.05	6.3	41	35.8	4.15	12	0.14	0.02	5	0.36	184	0.8	0.025	16.5
20600E 21800N	0.32	0.2	14.3	29	94.9	3.65	6	0.13	0.05	10	0.7	1340	0.7	0.024	34
20600E 21850N	0.39	0.1	7.3	41	33.7	4.07	11	0.09	0.03	5	0.34	332	0.8	0.021	17.2
20600E 21900N	0.31	0.05	11.4	124	28.6	4.54	13	0.07	0.04	12	1.22	254	1.5	0.013	97.3
20600E 21950N	0.52	0.2	14	74	51.8	4.38	10	0.06	0.03	5	0.61	1470	0.7	0.019	37.5
20600E 22000N	0.27	0.05	5	24	33.4	3.17	10	0.06	0.02	4	0.32	239	0.3	0.024	11.3
20600E 22050N	0.24	0.05	5.6	24	26.7	3.29	8	0.08	0.02	7	0.39	476	0.6	0.013	14.1
20600E 22100N	0.28	0.2	7.9	25	24.9	3.61	8	0.15	0.04	5	0.32	2630	0.8	0.021	13.4
20600E 22150N	0.13	0.1	8.9	14	26.5	3.39	6	0.14	0.05	7	0.33	540	4.4	0.018	9.3
20600E 22200N	0.11	0.1	23.9	18	129	5.58	8	0.18	0.06	12	0.37	1010	1.4	0.017	14.5
20600E 22250N	0.09	0.05	2.2	10	14.7	2.42	10	0.07	0.03	6	0.14	162	0.9	0.012	6.4
20600E 22300N	0.02	0.05	0.2	4	0.9	0.41	6	0.02	0.02	4	0.02	53	0.2	0.013	0.9
20600E 22350N	0.2	0.05	2.9	16	11.4	2.65	11	0.05	0.03	6	0.22	224	1.1	0.019	7.3
20600E 22400N	0.22	0.05	3.6	29	20.2	4.25	13	0.08	0.03	6	0.26	370	1.2	0.019	9.9
20600E 22450N	0.19	0.05	3.6	19	12.7	2.48	8	0.13	0.02	7	0.21	713	0.7	0.018	10.8
20600E 22500N	0.55	0.8	32.6	23	43.1	3	7	0.13	0.04	20	0.35	9440	0.6	0.023	104
20700E 21500N	0.43	0.1	12.4	76	80.1	4.41	9	0.1	0.03	7	1.05	312	0.6	0.022	30.3
20700E 21550N	0.46	0.1	12.1	34	61.4	4.05	8	0.12	0.05	5	0.6	518	0.9	0.037	25.4
20700E 22100N	0.23	0.05	5.4	33	57.1	3.85	10	0.09	0.03	6	0.43	317	1.4	0.017	16.2
20700E 22150N	0.22	0.05	6.8	45	76.1	4.14	10	0.17	0.03	5	0.52	291	1.2	0.02	23.2
20700E 22200N	0.24	0.05	6.2	36	45.3	3.83	10	0.13	0.03	5	0.42	226	1.4	0.019	16.6
20700E 22250N	0.24	0.2	13.6	43	143	5.2	10	0.11	0.03	6	0.67	444	1.4	0.018	33.9
20700E 22300N	0.13	0.05	3.8	16	20.7	3.27	8	0.1	0.03	14	0.29	262	0.8	0.013	9.2
20700E 22350N	0.24	0.05	6.8	35	53.1	3.68	10	0.11	0.04	8	0.41	488	1.2	0.02	21
20700E 22400N	0.25	0.1	10.7	37	52.9	4.07	9	0.12	0.03	6	0.45	1210	0.9	0.023	30.6
20700E 22450N	0.24	0.1	6.3	42	44.6	4.4	12	0.17	0.03	6	0.38	728	1.2	0.023	24.1
20700E 22500N	0.19	0.05	5	43	51.6	5.17	12	0.37	0.03	7	0.32	211	1.5	0.018	22.1
20700E 22550N	0.16	0.05	6.1	26	39.5	3.79	9	0.13	0.03	12	0.35	370	1.1	0.015	24.6
20700E 22600N	0.35	0.05	9	31	61.2	3.57	9	0.13	0.03	6	0.49	761	1.1	0.029	24.6
20700E 22650N	0.36	0.05	9.6	31	62.7	3.9	9	0.12	0.03	6	0.47	937	1.3	0.029	23.7
20700E 22700N	0.26	0.05	6.7	37	55.3	4.06	11	0.17	0.03	6	0.38	289	1.4	0.021	22.6

Soil Sample Assay Key

SampleID	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
20600E 21600N	0.06	3.9	0.5	0.05	3	0.5	10	0.1	0.7	0.101	0.05	93	0.05	50
20600E 21650N	0.038	4.3	0.5	0.1	3	0.5	13	0.1	0.9	0.146	0.05	95	0.05	46
20600E 21700N	0.029	4.4	0.5	0.1	2.8	0.25	13	0.1	0.6	0.131	0.05	105	0.1	36
20600E 21750N	0.072	3.9	0.5	0.2	4.2	0.7	11	0.1	0.7	0.128	0.05	131	0.05	37
20600E 21800N	0.078	5.5	0.5	0.05	5.4	0.6	13	0.1	0.9	0.073	0.05	81	0.05	54
20600E 21850N	0.03	5.9	0.5	0.2	3.2	0.25	24	0.1	0.6	0.124	0.05	141	0.05	66
20600E 21900N	0.024	6.3	0.5	0.2	6.8	0.5	24	0.1	0.9	0.095	0.05	157	0.05	50
20600E 21950N	0.039	11.1	0.5	0.4	4.1	0.25	37	0.1	0.5	0.124	0.05	127	0.05	60
20600E 22000N	0.04	4.2	0.5	0.05	2.8	0.25	12	0.1	0.5	0.075	0.05	99	0.05	44
20600E 22050N	0.07	9.9	0.5	0.05	2.5	0.25	20	0.1	0.6	0.073	0.05	86	0.05	47
20600E 22100N	0.111	13.7	0.5	0.2	3.1	0.25	12	0.1	0.8	0.048	0.05	99	0.4	65
20600E 22150N	0.045	21.6	0.5	0.05	5.9	0.25	8	0.1	0.6	0.049	0.05	93	0.05	57
20600E 22200N	0.144	22.4	0.5	0.3	8	1	8	0.2	1.3	0.029	0.1	79	0.05	153
20600E 22250N	0.057	3.3	0.5	0.2	1.4	0.5	5	0.1	1.6	0.014	0.05	47	0.05	43
20600E 22300N	0.008	1.2	0.5	0.05	0.2	0.25	2	0.1	0.5	0.006	0.05	9	1.1	3
20600E 22350N	0.038	5.1	0.5	0.2	2.1	0.6	9	0.1	1.2	0.075	0.05	76	0.05	31
20600E 22400N	0.053	8.9	0.5	0.4	3.1	0.6	10	0.1	1.9	0.104	0.05	103	0.05	34
20600E 22450N	0.029	6.5	0.5	0.2	2.2	0.25	10	0.1	0.6	0.102	0.05	85	0.05	24
20600E 22500N	0.099	15.7	0.5	0.05	3.5	1	23	0.1	0.6	0.103	0.1	64	0.05	409
20700E 21500N	0.037	4.7	0.5	0.1	6	0.6	49	0.1	1.1	0.124	0.05	106	0.05	45
20700E 21550N	0.034	4.8	0.5	0.2	4.8	0.7	18	0.1	0.7	0.155	0.05	123	0.05	45
20700E 22100N	0.081	7.8	0.5	0.2	3.6	0.6	11	0.1	0.9	0.154	0.05	86	0.05	47
20700E 22150N	0.085	5.9	0.5	0.2	5.2	0.7	9	0.1	1.4	0.13	0.05	86	0.2	56
20700E 22200N	0.065	5.7	0.5	0.3	3.4	0.6	11	0.1	0.9	0.124	0.05	95	0.1	52
20700E 22250N	0.048	5.2	0.5	0.2	6.1	0.6	14	0.1	1.2	0.107	0.05	104	0.05	103
20700E 22300N	0.035	8.8	0.5	0.1	2.5	0.5	9	0.1	0.9	0.047	0.05	62	0.05	68
20700E 22350N	0.083	7.4	0.5	0.2	4.3	0.6	11	0.1	1.6	0.096	0.05	89	0.05	58
20700E 22400N	0.068	9.7	0.5	0.2	4.8	0.6	11	0.1	1	0.112	0.05	91	0.05	72
20700E 22450N	0.097	10.7	0.5	0.4	3.4	0.8	12	0.1	0.9	0.131	0.05	111	0.05	61
20700E 22500N	0.089	5.6	0.5	0.2	4	0.9	9	0.1	1.1	0.147	0.05	131	0.05	48
20700E 22550N	0.067	8	0.5	0.5	3	0.7	9	0.1	0.8	0.05	0.05	78	0.05	60
20700E 22600N	0.09	8.8	0.5	0.3	4.4	0.6	14	0.1	0.9	0.106	0.05	99	0.05	57
20700E 22650N	0.098	9.1	0.5	0.4	4.2	0.7	15	0.1	0.8	0.12	0.05	101	0.1	66
20700E 22700N	0.078	7.1	0.5	0.3	4.5	0.8	12	0.1	1.3	0.149	0.05	111	0.05	71

Soil Sample Assay Key

SampleID	Label	Grid_East	Grid_North	UTM Zone	Easting	Northing	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm
20800E 21600N	21600N	20800E	21600N	10 U	420800	5421600	5	0.3	1.5	2.7	2.1	10	96.1	0.05
20800E 21650N	21650N	20800E	21650N	10 U	420800	5421650	6	0.2	3.16	6.9	1	10	105	0.05
20800E 21700N	21700N	20800E	21700N	10 U	420800	5421700	7	0.1	1.76	2.8	9.2	10	79	0.05
20800E 21750N	21750N	20800E	21750N	10 U	420800	5421750	10	0.05	1.76	1.5	3.6	10	95.4	0.1
20800E 21800N	21800N	20800E	21800N	10 U	420800	5421800	6	0.1	1.6	2	3.2	10	77.5	0.1
20800E 21850N	21850N	20800E	21850N	10 U	420800	5421850	5	0.2	2.66	3.1	2.6	10	86	0.1
20800E 21900N	21900N	20800E	21900N	10 U	420800	5421900	9	0.1	3.1	5.5	1.2	10	89.7	0.1
20800E 21950N	21950N	20800E	21950N	10 U	420800	5421950	8	0.1	3.3	17	4.4	10	88.4	0.1
20800E 22000N	22000N	20800E	22000N	10 U	420800	5422000	9	0.1	4.23	9.5	10.5	10	166	0.05
20800E 22050N	22050N	20800E	22050N	10 U	420800	5422050	14	0.2	3.16	48.3	10.6	10	346	0.05
20800E 22100N	22100N	20800E	22100N	10 U	420800	5422100	6	0.2	3.65	6.9	2.2	10	86.4	0.1
20800E 22150N	22150N	20800E	22150N	10 U	420800	5422150	5	0.2	3.25	6.8	3.7	10	89.3	0.1
20800E 22200N	22200N	20800E	22200N	10 U	420800	5422200	6	0.2	3.92	4.1	42.9	10	156	0.05
20800E 22250N	22250N	20800E	22250N	10 U	420800	5422250	6	0.1	2.55	4	2.9	10	107	0.2
20800E 22300N	22300N	20800E	22300N	10 U	420800	5422300	26	0.3	3.47	10.2	3.8	10	76.4	0.1
20800E 22350N	22350N	20800E	22350N	10 U	420800	5422350	5	0.3	2.23	6.9	1.9	10	72.7	0.1
20800E 22400N	22400N	20800E	22400N	10 U	420800	5422400	6	1.2	3.05	15.2	4.5	10	106	0.1
20800E 22450N	22450N	20800E	22450N	10 U	420800	5422450	12	0.6	2.49	12.3	0.25	10	107	0.2
20800E 22500N	22500N	20800E	22500N	10 U	420800	5422500	26	0.4	2.99	14.6	3.5	10	208	0.1
20800E 22550N	22550N	20800E	22550N	10 U	420800	5422550	9	0.2	0.96	13.6	4.5	10	31.8	0.1
20800E 22600N	22600N	20800E	22600N	10 U	420800	5422600	6	0.2	0.87	12	7.4	10	21.6	0.1
20800E 22650N	22650N	20800E	22650N	10 U	420800	5422650	7	0.7	2.14	546	2.9	10	82.1	0.2
20800E 22700N	22700N	20800E	22700N	10 U	420800	5422700	25	0.8	3.07	34.7	11.2	10	191	0.3
20900E 21700N	21700N	20900E	21700N	10 U	420900	5421700	6	0.2	2.93	4.6	2	10	133	0.1
20900E 21750N	21750N	20900E	21750N	10 U	420900	5421750	10	0.1	3.19	3.8	3.7	10	98.9	0.05
20900E 21800N	21800N	20900E	21800N	10 U	420900	5421800	8	0.05	3.07	4.3	15.8	10	105	0.05
20900E 21850N	21850N	20900E	21850N	10 U	420900	5421850	5	0.3	3.12	5.5	3.1	10	136	0.1
20900E 21900N	21900N	20900E	21900N	10 U	420900	5421900	6	0.1	2.9	5.3	0.7	10	87.6	0.05
20900E 22050N	22050N	20900E	22050N	10 U	420900	5422050	8	0.3	2.7	7.1	3	10	267	0.2
20900E 22100N	22100N	20900E	22100N	10 U	420900	5422100	6	0.3	1.94	9.8	0.25	10	137	0.1
20900E 22150N	22150N	20900E	22150N	10 U	420900	5422150	9	0.4	1.93	6	5.6	10	143	0.1
20900E 22200N	22200N	20900E	22200N	10 U	420900	5422200	8	0.7	3.14	9.4	5.9	10	169	0.05
20900E 22250N	22250N	20900E	22250N	10 U	420900	5422250	5	0.2	2.26	5.3	1.1	10	173	0.1
20900E 22300N	22300N	20900E	22300N	10 U	420900	5422300	5	0.1	2.13	4.5	0.8	10	153	0.1

Soil Sample Assay Key

SampleID	Ca_perc	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm	Na_perc	Ni_ppm
20800E 21600N	0.48	0.1	5.8	24	29.6	2.8	8	0.11	0.02	6	0.31	234	0.6	0.019	11.7
20800E 21650N	0.37	0.1	12.1	40	71	4.28	10	0.14	0.03	3	0.62	358	1.3	0.02	26.9
20800E 21700N	0.38	0.05	6.9	20	50	2.9	8	0.09	0.02	5	0.35	264	0.6	0.021	13.3
20800E 21750N	0.68	0.05	10	14	46.8	3.8	9	0.1	0.02	5	0.34	998	0.4	0.019	10.4
20800E 21800N	0.62	0.1	8.1	12	52.8	3.25	8	0.07	0.02	5	0.29	485	0.3	0.018	8.8
20800E 21850N	0.45	0.05	13.4	22	45.1	3.89	10	0.13	0.03	6	0.67	501	0.4	0.017	18.4
20800E 21900N	0.39	0.05	10.2	24	91.4	4.32	9	0.2	0.03	4	0.57	642	1.1	0.019	18.2
20800E 21950N	0.29	0.05	18.3	37	171	6.1	10	0.17	0.05	4	0.47	1030	1	0.013	34.5
20800E 22000N	0.43	0.05	12.3	37	152	3.62	7	0.1	0.04	8	0.76	562	1.4	0.031	30.3
20800E 22050N	0.53	0.3	38	22	345	9.42	11	0.18	0.05	10	0.86	3000	1.9	0.015	37.4
20800E 22100N	0.23	0.05	7.1	40	60.7	4.15	10	0.2	0.03	5	0.48	293	1	0.019	19.6
20800E 22150N	0.27	0.1	6.9	36	63.8	4.28	10	0.23	0.03	5	0.48	228	1.2	0.021	19
20800E 22200N	0.37	0.05	11.7	40	120	3.72	8	0.15	0.02	5	0.78	344	0.8	0.017	28.2
20800E 22250N	0.37	0.05	11.5	32	44.4	4.06	12	0.13	0.03	6	0.51	315	0.6	0.018	19.5
20800E 22300N	0.24	0.2	9.4	46	104	5.05	11	0.23	0.03	6	0.68	312	1.3	0.018	22.8
20800E 22350N	0.19	0.05	4.7	22	22.6	3.02	11	0.21	0.04	9	0.26	397	1	0.014	12.1
20800E 22400N	0.32	0.2	9.5	37	60.1	3.7	9	0.3	0.04	7	0.63	421	2	0.024	34
20800E 22450N	0.27	0.2	12.8	28	58.5	3.71	7	0.13	0.03	9	0.46	663	1.2	0.023	35.8
20800E 22500N	0.27	0.2	14.4	34	83.8	3.76	8	0.1	0.04	8	0.64	778	0.9	0.024	48.3
20800E 22550N	0.07	0.05	2.1	11	11.7	1.44	6	0.07	0.02	8	0.14	82	2.1	0.011	7.2
20800E 22600N	0.06	0.05	1.4	12	2.8	0.75	7	0.05	0.02	12	0.09	88	1.7	0.01	4.4
20800E 22650N	0.19	0.1	10.8	41	48.5	4.14	7	0.13	0.04	11	0.49	832	1.8	0.012	39.4
20800E 22700N	0.23	1.1	9.6	9	38.8	3.6	6	0.13	0.06	51	0.13	1130	7.9	0.012	33.9
20900E 21700N	0.39	0.1	11	33	52.1	3.46	8	0.12	0.03	6	0.51	677	0.8	0.017	22.3
20900E 21750N	0.29	0.05	12.1	32	117	3.59	8	0.09	0.03	4	0.76	441	0.4	0.017	27.2
20900E 21800N	0.35	0.05	12.2	34	94.2	3.78	9	0.07	0.03	5	0.74	492	0.5	0.018	25.6
20900E 21850N	0.32	0.1	10.2	36	64.5	3.36	9	0.12	0.05	6	0.63	370	0.8	0.02	28.9
20900E 21900N	0.28	0.1	11.4	31	62.5	3.2	8	0.09	0.03	4	0.61	649	0.7	0.016	23.6
20900E 22050N	0.54	0.3	25.8	38	100	4.89	11	0.16	0.03	7	0.96	1580	0.7	0.016	38.1
20900E 22100N	0.29	0.05	7.1	23	41.5	2.98	8	0.13	0.04	7	0.36	450	0.6	0.022	18.5
20900E 22150N	0.44	0.05	6.9	24	33	2.85	8	0.12	0.04	6	0.39	318	0.7	0.031	16.6
20900E 22200N	0.26	0.2	15	30	108	3.94	8	0.19	0.04	8	0.68	771	0.9	0.018	33.5
20900E 22250N	0.56	0.2	20.4	36	40	3.88	10	0.16	0.03	6	0.74	1890	0.7	0.018	28.3
20900E 22300N	0.31	0.1	12.1	30	33.9	3.59	10	0.09	0.03	7	0.43	1170	0.5	0.015	19.2

Soil Sample Assay Key

SampleID	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
20800E 21600N	0.022	4.3	0.5	0.2	2.9	0.25	24	0.1	0.6	0.127	0.05	95	0.05	51
20800E 21650N	0.114	6.2	0.5	0.2	3.2	0.7	15	0.1	0.5	0.133	0.05	101	0.05	90
20800E 21700N	0.023	3.8	0.5	0.1	3.3	0.25	16	0.1	0.6	0.127	0.05	88	0.05	41
20800E 21750N	0.036	6.8	0.5	0.2	4.1	0.25	48	0.1	0.5	0.207	0.05	132	0.05	49
20800E 21800N	0.047	4.3	0.5	0.05	4	0.25	40	0.1	0.6	0.215	0.05	97	0.05	69
20800E 21850N	0.05	5.3	0.5	0.05	5.8	0.6	33	0.1	0.8	0.162	0.05	103	0.05	96
20800E 21900N	0.161	6.5	0.5	0.2	4.1	0.9	21	0.1	0.9	0.142	0.05	110	0.05	72
20800E 21950N	0.116	5.8	0.5	0.4	12	0.7	20	0.1	0.8	0.061	0.05	175	0.05	104
20800E 22000N	0.121	5.6	0.5	0.2	8.2	1.3	15	0.1	1.2	0.147	0.05	100	0.05	58
20800E 22050N	0.099	6.8	0.5	0.7	18.9	1	29	0.1	0.7	0.061	0.05	186	0.05	125
20800E 22100N	0.08	8	0.5	0.2	5	1	11	0.1	1.1	0.128	0.05	99	0.05	58
20800E 22150N	0.084	6.9	0.5	0.2	4.1	0.9	14	0.1	0.9	0.116	0.05	102	0.05	55
20800E 22200N	0.063	3.9	0.5	0.1	6.9	0.8	18	0.1	0.7	0.144	0.05	82	0.05	67
20800E 22250N	0.058	6.3	0.5	0.2	4	0.7	21	0.1	0.9	0.156	0.05	119	0.05	55
20800E 22300N	0.097	7.7	0.5	0.3	5.8	0.8	11	0.1	1.3	0.167	0.05	120	0.05	73
20800E 22350N	0.058	6	0.5	0.2	2.9	0.5	10	0.1	1.8	0.066	0.1	64	0.05	73
20800E 22400N	0.075	8.9	0.5	0.5	4.4	0.9	12	0.1	0.9	0.141	0.05	89	0.05	100
20800E 22450N	0.066	11.8	0.5	0.2	4.4	0.7	11	0.1	0.8	0.1	0.05	75	0.05	124
20800E 22500N	0.087	7.2	0.5	0.3	6.1	0.5	11	0.1	0.9	0.102	0.05	78	0.05	110
20800E 22550N	0.017	2.8	0.5	0.2	1.6	0.5	4	0.1	0.6	0.025	0.05	33	0.2	26
20800E 22600N	0.011	2.1	0.5	0.2	1.4	0.25	4	0.1	0.6	0.017	0.05	31	0.05	13
20800E 22650N	0.065	8.5	0.5	0.4	3.8	0.6	9	0.1	0.9	0.032	0.05	62	0.05	117
20800E 22700N	0.101	12.6	0.5	0.4	1.6	0.8	13	0.3	5.7	0.002	0.1	15	0.05	1240
20900E 21700N	0.054	8.2	0.5	0.3	4.2	0.6	23	0.1	0.7	0.184	0.05	92	0.05	71
20900E 21750N	0.04	3.9	0.5	0.05	4.7	0.25	16	0.1	0.6	0.15	0.05	74	0.05	58
20900E 21800N	0.041	4.4	0.5	0.1	6	0.5	20	0.1	0.7	0.177	0.05	83	0.05	62
20900E 21850N	0.075	6.6	0.5	0.2	4.1	0.6	19	0.1	0.7	0.139	0.05	82	0.05	69
20900E 21900N	0.063	5.7	0.5	0.1	3.5	0.6	17	0.1	0.7	0.148	0.05	76	0.05	64
20900E 22050N	0.101	10.3	0.5	0.1	5.7	0.7	47	0.1	0.7	0.118	0.05	111	0.05	138
20900E 22100N	0.055	6.6	0.5	0.3	3.4	0.7	12	0.1	0.7	0.104	0.05	74	0.05	53
20900E 22150N	0.042	7.5	0.5	0.3	3.6	0.6	15	0.1	0.7	0.148	0.05	93	0.05	46
20900E 22200N	0.075	7.4	0.5	0.2	4.9	0.8	10	0.1	1	0.127	0.05	77	0.05	119
20900E 22250N	0.058	10.6	0.5	0.05	4.7	0.7	22	0.1	0.6	0.161	0.05	104	0.05	96
20900E 22300N	0.077	7.5	0.5	0.05	3.9	0.25	19	0.1	0.7	0.118	0.05	85	0.05	91

Soil Sample Assay Key

SampleID	Label	Grid_East	Grid_North	UTM Zone	Easting	Northing	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm
20900E 22350N	22350N	20900E	22350N	10 U	420900	5422350	10	0.6	2.85	7.5	2.1	10	180	0.2
20900E 22400N	22400N	20900E	22400N	10 U	420900	5422400	8	0.3	3.13	11.3	14.6	10	172	0.1
20900E 22450N	22450N	20900E	22450N	10 U	420900	5422450	5	0.3	1.79	6.3	1.5	10	144	0.1
20900E 22500N	22500N	20900E	22500N	10 U	420900	5422500	52	0.2	0.9	3.1	0.25	10	90.9	0.1
20900E 22550N	22550N	20900E	22550N	10 U	420900	5422550	5	0.5	2.89	8.8	1.2	10	81.6	0.1
20900E 22600N	22600N	20900E	22600N	10 U	420900	5422600	6	0.3	2.84	13	1.3	10	165	0.1
20900E 22650N	22650N	20900E	22650N	10 U	420900	5422650	4	0.3	1.66	12.4	2.3	10	93.6	0.1
20900E 22700N	22700N	20900E	22700N	10 U	420900	5422700	3	0.3	1.46	20.8	11.2	10	276	0.05
20900E 21600N	21600N	20900E	21600N	10 U	420900	5421600	10	0.1	1.52	1.8	1.3	10	68.3	0.1
20900E 21650N	21650N	20900E	21650N	10 U	420900	5421650	8	0.1	3.42	4.6	2	10	147	0.1
21000E 21600N	21600N	21000E	21600N	10 U	421000	5421600	10	0.3	2.57	4.5	1.2	10	90.2	0.2
21000E 21650N	21650N	21000E	21650N	10 U	421000	5421650	7	0.3	1.94	4.5	2.5	10	75.6	0.1
21000E 21700N	21700N	21000E	21700N	10 U	421000	5421700	19	0.2	2.32	4	3	10	75.6	0.1
21000E 21750N	21750N	21000E	21750N	10 U	421000	5421750	19	0.3	3.42	11.2	3.7	10	134	0.05
21000E 21800N	21800N	21000E	21800N	10 U	421000	5421800	6	0.4	1.77	9.1	3.8	10	157	0.2
21000E 21850N	21850N	21000E	21850N	10 U	421000	5421850	4	0.2	1.34	5.7	1.3	10	55.8	0.1
21100E 21600N	21600N	21100E	21600N	10 U	421100	5421600	26	0.1	2.21	5.2	3	10	226	0.1
21100E 21650N	21650N	21100E	21650N	10 U	421100	5421650	8	0.3	2.41	4.4	3	10	102	0.1
21100E 21700N	21700N	21100E	21700N	10 U	421100	5421700	9	0.1	1.99	3.4	1.8	10	128	0.1
21100E 21750N	21750N	21100E	21750N	10 U	421100	5421750	10	0.3	2.56	4.6	3	10	227	0.1
21100E 21800N	21800N	21100E	21800N	10 U	421100	5421800	9	0.2	3.89	5.9	2.4	10	127	0.1
21100E 21850N	21850N	21100E	21850N	10 U	421100	5421850	6	0.3	2.79	6	3.8	10	146	0.1
21200E 21600N	21600N	21200E	21600N	10 U	421200	5421600	8	0.1	2.51	3.4	1	10	249	0.05
21200E 21650N	21650N	21200E	21650N	10 U	421200	5421650	8	0.4	3.09	3	1.9	10	160	0.1
21200E 21700N	21700N	21200E	21700N	10 U	421200	5421700	5	0.3	2.52	4	2.3	10	291	0.1
21200E 21750N	21750N	21200E	21750N	10 U	421200	5421750	4	0.2	2.1	7.1	0.25	10	111	0.1
21200E 21800N	21800N	21200E	21800N	10 U	421200	5421800	5	0.4	2	5.5	1	10	110	0.2
21200E 21850N	21850N	21200E	21850N	10 U	421200	5421850	6	0.2	3.38	7.8	1.8	10	193	0.2
21300E 21600N	21600N	21300E	21600N	10 U	421300	5421600	7	0.2	3.31	2	3.4	10	178	0.05
21300E 21650N	21650N	21300E	21650N	10 U	421300	5421650	6	0.1	1.74	2.3	1.1	10	183	0.05
21300E 21700N	21700N	21300E	21700N	10 U	421300	5421700	10	0.1	2.56	2.2	1.9	10	207	0.05
21300E 21750N	21750N	21300E	21750N	10 U	421300	5421750	7	0.05	1.94	3.2	3.1	10	113	0.05
21300E 21800N	21800N	21300E	21800N	10 U	421300	5421800	17	0.1	2.21	7	5	10	119	0.1
21300E 21850N	21850N	21300E	21850N	10 U	421300	5421850	7	0.05	1.8	3.2	3.3	10	188	0.1

Soil Sample Assay Key

SampleID	Ca_perc	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm	Na_perc	Ni_ppm
20900E 22350N	0.37	0.3	19.1	31	116	4.07	8	0.18	0.04	10	0.51	1170	0.8	0.026	34.5
20900E 22400N	0.34	0.1	14.9	38	112	3.56	8	0.12	0.05	7	0.76	490	1.1	0.026	48.2
20900E 22450N	0.37	0.1	8	26	36.5	2.96	7	0.12	0.04	6	0.34	298	0.6	0.026	17.2
20900E 22500N	0.18	0.05	2.5	11	5.1	0.98	5	0.06	0.03	9	0.12	1000	0.4	0.01	5.9
20900E 22550N	0.23	0.05	16.1	147	20.3	4.33	11	0.12	0.03	10	1.85	589	1	0.009	46.6
20900E 22600N	0.34	0.1	11.7	36	59.2	3.65	9	0.15	0.04	7	0.54	905	1.3	0.021	26.6
20900E 22650N	0.19	0.1	6.5	20	18.1	2.08	7	0.11	0.04	8	0.31	644	0.8	0.012	15.2
20900E 22700N	0.17	0.2	8.1	13	11.2	1.25	6	0.12	0.04	12	0.15	3430	0.8	0.01	11.3
20900E 21600N	0.49	0.05	8.2	34	25.1	2.95	8	0.06	0.02	7	0.48	391	0.4	0.017	22.1
20900E 21650N	0.31	0.05	9.9	40	87.1	4.02	9	0.06	0.04	6	0.61	352	0.7	0.02	28.1
21000E 21600N	0.33	0.1	9.2	39	63.6	4.56	11	0.17	0.03	5	0.54	325	1.1	0.02	19.7
21000E 21650N	0.26	0.05	5.5	20	31.2	2.81	7	0.12	0.02	6	0.31	214	0.6	0.018	11.3
21000E 21700N	0.27	0.05	6	26	36.3	2.78	8	0.14	0.02	6	0.36	234	0.6	0.018	13.8
21000E 21750N	0.33	0.1	13.2	38	85.5	3.78	8	0.16	0.03	5	0.68	348	1.4	0.023	31.1
21000E 21800N	0.41	0.05	10.6	24	26.4	2.26	7	0.15	0.04	8	0.39	2330	1.4	0.018	17.2
21000E 21850N	0.32	0.1	4.8	17	12.2	1.85	7	0.1	0.02	9	0.28	287	0.7	0.014	10.6
21100E 21600N	0.49	0.2	22.6	36	88.2	4.71	5	0.16	0.04	11	1.02	1770	0.8	0.014	32.3
21100E 21650N	0.3	0.05	7.9	39	63.5	4.44	11	0.14	0.03	5	0.43	317	0.6	0.018	17.6
21100E 21700N	0.35	0.05	16.4	23	65.1	3.63	7	0.21	0.03	7	0.29	980	0.9	0.018	12.7
21100E 21750N	0.41	0.2	17.4	46	120	3.81	8	0.15	0.04	15	0.57	857	3.1	0.021	29.7
21100E 21800N	0.32	0.1	15.1	53	102	4.59	9	0.2	0.02	4	0.53	644	1.5	0.021	27.5
21100E 21850N	0.34	0.2	12.1	40	78.7	4.31	9	0.14	0.04	5	0.55	432	0.8	0.022	27.5
21200E 21600N	0.33	0.05	15.2	45	94.3	3.79	7	0.13	0.04	6	0.7	728	0.5	0.016	37.5
21200E 21650N	0.24	0.05	16.6	60	97.2	4.81	9	0.22	0.03	6	0.69	562	0.7	0.013	36.9
21200E 21700N	0.37	0.2	18.4	42	148	4.45	8	0.11	0.04	13	0.52	3750	0.6	0.016	30.5
21200E 21750N	0.29	0.1	11.9	42	73.2	5.71	12	0.13	0.02	5	0.52	410	0.6	0.013	19.7
21200E 21800N	0.22	0.1	7.8	44	50.1	5.48	11	0.15	0.03	6	0.35	284	1.7	0.013	13.6
21200E 21850N	0.38	0.05	20.7	72	117	6.2	10	0.12	0.04	11	1	690	1.6	0.015	43.4
21300E 21600N	0.21	0.05	17.5	81	115	4.89	9	0.09	0.04	8	0.91	512	0.4	0.014	47.2
21300E 21650N	0.32	0.05	9.3	25	50.6	3.15	7	0.11	0.04	8	0.48	378	0.3	0.015	16.4
21300E 21700N	0.31	0.05	14.2	42	86.8	3.38	7	0.15	0.06	7	0.73	444	0.3	0.015	33.4
21300E 21750N	0.3	0.1	10.9	28	68.3	3.86	6	0.1	0.03	7	0.65	370	0.4	0.014	22.9
21300E 21800N	0.31	0.05	12	29	95.6	4.46	9	0.09	0.03	6	0.68	454	0.7	0.014	20.7
21300E 21850N	0.47	0.05	13	29	68.7	3.8	7	0.09	0.04	6	0.63	867	0.4	0.018	22.9

Soil Sample Assay Key

SampleID	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
20900E 22350N	0.094	8.9	0.5	0.05	6	0.6	15	0.1	1	0.136	0.05	95	0.05	146
20900E 22400N	0.038	6.7	0.5	0.4	5.5	0.6	11	0.1	0.9	0.116	0.05	80	0.05	101
20900E 22450N	0.086	6.1	0.5	0.05	3.5	0.7	14	0.1	0.6	0.142	0.05	84	0.05	69
20900E 22500N	0.02	9.3	0.5	0.05	1.8	0.25	10	0.1	0.5	0.046	0.05	34	0.05	35
20900E 22550N	0.053	6.7	0.5	0.05	8.1	0.5	6	0.1	0.7	0.228	0.05	120	0.05	98
20900E 22600N	0.064	7.1	0.5	0.2	4.1	0.6	15	0.1	0.8	0.162	0.05	98	0.05	82
20900E 22650N	0.061	6.6	0.5	0.1	2	0.5	8	0.1	1.1	0.056	0.05	45	1.6	90
20900E 22700N	0.033	6.7	0.5	0.1	1.8	0.25	11	0.1	0.8	0.035	0.05	23	0.05	82
20900E 21600N	0.017	7	0.5	0.2	3.8	0.25	30	0.1	0.7	0.174	0.05	77	0.05	39
20900E 21650N	0.041	7.2	0.5	0.2	4.7	0.25	19	0.1	0.9	0.13	0.05	97	0.05	60
21000E 21600N	0.085	7.4	0.5	0.05	4.1	0.7	20	0.1	0.7	0.183	0.05	119	0.05	57
21000E 21650N	0.035	5.8	0.5	0.1	3	0.5	15	0.1	0.6	0.154	0.05	81	0.05	47
21000E 21700N	0.04	6.2	0.5	0.2	3.3	0.6	15	0.1	0.8	0.145	0.05	74	0.05	40
21000E 21750N	0.06	4.8	0.5	0.4	4.3	0.9	14	0.1	0.8	0.15	0.05	87	0.05	72
21000E 21800N	0.048	10	0.5	0.3	3.3	0.6	20	0.1	0.8	0.128	0.05	70	0.05	77
21000E 21850N	0.033	5.2	0.5	0.1	2.8	0.25	14	0.1	0.9	0.094	0.05	53	0.05	48
21100E 21600N	0.063	10.9	0.5	0.1	5.5	0.7	22	0.1	0.6	0.067	0.05	76	0.05	99
21100E 21650N	0.068	6.6	0.5	0.2	4.2	0.6	15	0.1	0.7	0.151	0.05	116	0.05	70
21100E 21700N	0.067	6	0.5	0.2	3.8	0.7	19	0.1	0.7	0.158	0.05	87	0.05	75
21100E 21750N	0.032	7.9	0.5	0.3	7.5	0.7	16	0.1	1	0.168	0.05	83	0.05	60
21100E 21800N	0.073	5.1	0.5	0.2	6.6	0.9	13	0.1	0.9	0.13	0.05	88	0.05	86
21100E 21850N	0.066	5.4	0.5	0.2	5.3	0.6	13	0.1	0.9	0.154	0.05	101	1.4	79
21200E 21600N	0.046	3.8	0.5	0.2	6	0.25	18	0.1	0.7	0.149	0.05	85	0.4	66
21200E 21650N	0.057	5	0.5	0.2	6.4	0.8	16	0.1	0.9	0.167	0.05	101	0.05	85
21200E 21700N	0.055	7.5	0.5	0.2	6.4	0.6	28	0.1	0.7	0.172	0.05	120	0.05	81
21200E 21750N	0.099	4	0.5	0.2	5.5	0.25	22	0.1	0.6	0.171	0.05	166	0.05	74
21200E 21800N	0.072	7.2	0.5	0.2	4.1	0.7	19	0.1	0.8	0.226	0.05	163	0.05	64
21200E 21850N	0.048	9.2	0.5	0.1	8.7	0.6	23	0.1	1.1	0.113	0.05	133	0.05	96
21300E 21600N	0.025	4	0.5	0.1	9.3	0.5	20	0.1	0.8	0.211	0.05	112	0.05	62
21300E 21650N	0.019	4.3	0.5	0.1	4.7	0.25	28	0.1	0.7	0.156	0.05	96	0.05	49
21300E 21700N	0.037	4.8	0.5	0.1	6.1	0.25	25	0.1	0.8	0.186	0.05	84	0.05	74
21300E 21750N	0.025	5.4	0.5	0.2	4.8	0.25	24	0.1	0.7	0.167	0.05	98	0.05	49
21300E 21800N	0.062	6.4	0.5	0.05	5	0.25	23	0.1	0.7	0.169	0.05	139	0.05	64
21300E 21850N	0.047	9.7	0.5	0.2	5.2	0.25	27	0.1	0.6	0.18	0.05	115	0.05	59

Soil Sample Assay Key

SampleID	Label	Grid_East	Grid_North	UTM Zone	Easting	Northing	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm
20700E 21600N	21600N	20700E	21600N	10 U	420700	5421600	5	0.05	2.48	3.5	2	10	80.5	0.05
20700E 21650N	21650N	20700E	21650N	10 U	420700	5421650	4	0.1	2.01	6.6	2	10	222	0.2
20700E 21700N	21700N	20700E	21700N	10 U	420700	5421700	7	0.05	2.67	3	2.7	10	129	0.05
20700E 21750N	21750N	20700E	21750N	10 U	420700	5421750	7	0.2	2.55	4.2	1.6	10	122	0.05
20700E 21800N	21800N	20700E	21800N	10 U	420700	5421800	6	0.1	3.59	9.7	2.3	10	128	0.1
20700E 21850N	21850N	20700E	21850N	10 U	420700	5421850	5	0.2	2.06	5.6	1.7	10	164	0.05
20700E 21900N	21900N	20700E	21900N	10 U	420700	5421900	6	0.05	1.24	3.1	1.5	10	103	0.05
20700E 21950N	21950N	20700E	21950N	10 U	420700	5421950	9	0.2	1.81	2	1.6	10	178	0.1
20700E 22000N	22000N	20700E	22000N	10 U	420700	5422000	2	0.5	1.07	1.8	0.25	10	126	0.2
20700E 22050N	22050N	20700E	22050N	10 U	420700	5422050	6	0.1	3.39	10.3	2	10	103	0.2
21000E 21900N	21900N	21000E	21900N	10 U	421000	5421900	21	0.1	1.75	8.9	4.8	10	192	0.1
21000E 21950N	21950N	21000E	21950N	10 U	421000	5421950	9	0.8	2.42	18.4	3.8	10	239	0.1
21000E 22000N	22000N	21000E	22000N	10 U	421000	5422000	9	0.4	2.98	9.6	3.2	10	249	0.1
21000E 22050N	22050N	21000E	22050N	10 U	421000	5422050	6	0.5	2.14	5.6	4.7	10	202	0.1
21000E 22100N	22100N	21000E	22100N	10 U	421000	5422100	11	0.2	3.11	9.6	4.7	10	297	0.1
21000E 22150N	22150N	21000E	22150N	10 U	421000	5422150	16	0.3	3.51	8.6	8.9	10	255	0.05
21000E 22200N	22200N	21000E	22200N	10 U	421000	5422200	61	0.4	2.62	11.9	4.9	10	297	0.3
21000E 22250N	22250N	21000E	22250N	10 U	421000	5422250	8	0.2	3.05	9.3	3.9	10	220	0.1
21000E 22300N	22300N	21000E	22300N	10 U	421000	5422300	12	0.6	3.16	10.1	17.4	10	296	0.05
21000E 22350N	22350N	21000E	22350N	10 U	421000	5422350	8	0.7	3.15	9.7	4.4	10	191	0.1

Soil Sample Assay Key

SampleID	Ca_perc	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm	Na_perc	Ni_ppm
20700E 21600N	0.46	0.05	22.7	91	42.8	5.95	9	0.09	0.05	6	1.61	623	0.6	0.015	60.4
20700E 21650N	0.52	0.2	14.5	97	59.7	3.69	7	0.11	0.04	5	0.85	2870	0.7	0.028	47.8
20700E 21700N	0.21	0.05	11.6	26	50.9	4.27	9	0.07	0.04	9	0.72	352	0.9	0.019	18
20700E 21750N	0.38	0.1	11.6	38	90.8	4.04	9	0.16	0.03	5	0.4	565	0.6	0.026	18.1
20700E 21800N	0.34	0.05	11	66	75.3	4.53	12	0.05	0.04	6	0.64	374	1.3	0.022	29.9
20700E 21850N	0.34	0.05	9.2	22	56.7	3.51	8	0.12	0.03	7	0.33	570	0.5	0.022	13.2
20700E 21900N	0.23	0.05	4.9	16	19.9	2.56	6	0.08	0.03	6	0.26	359	0.5	0.017	8.7
20700E 21950N	0.23	0.05	11.2	20	35.5	2.87	7	0.1	0.05	9	0.38	1450	0.5	0.018	13.9
20700E 22000N	0.37	0.05	6.6	11	16.6	1.92	4	0.15	0.03	5	0.32	1650	0.2	0.016	7.6
20700E 22050N	0.18	0.3	11.7	37	135	4.79	9	0.12	0.04	11	0.63	1880	3	0.016	26
21000E 21900N	0.54	0.1	9.6	24	32.3	2.46	5	0.05	0.05	10	0.47	1180	0.5	0.025	19
21000E 21950N	0.33	0.2	22.9	36	61.3	4.39	6	0.1	0.06	15	0.77	2020	1	0.02	29.7
21000E 22000N	0.46	0.2	16.8	38	61.1	3.98	7	0.12	0.06	9	0.79	1050	0.9	0.025	39
21000E 22050N	0.41	0.2	11.3	30	38.2	3.11	7	0.1	0.05	10	0.47	616	0.6	0.026	21.2
21000E 22100N	0.44	0.1	14.5	37	115	3.61	5	0.11	0.07	8	0.79	857	1	0.03	36.7
21000E 22150N	0.43	0.05	16.8	40	125	4.22	7	0.11	0.06	9	0.82	558	1.2	0.03	37.6
21000E 22200N	0.5	0.2	12	26	71.3	3.02	4	0.22	0.06	6	0.47	5140	0.7	0.04	22.4
21000E 22250N	0.53	0.2	11.9	35	76.6	3.9	7	0.12	0.05	6	0.62	443	1.1	0.035	31.2
21000E 22300N	0.51	0.1	10.9	35	119	3.94	6	0.16	0.05	8	0.65	349	1.1	0.034	27.6
21000E 22350N	0.39	0.05	13.8	31	65.4	4.06	7	0.16	0.05	9	0.63	398	1.4	0.03	30.2

Soil Sample Assay Key

SampleID	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
20700E 21600N	0.04	5.3	0.5	0.2	6	0.6	22	0.1	0.9	0.312	0.05	109	0.05	73
20700E 21650N	0.057	28.1	0.5	0.4	3.8	0.6	25	0.1	0.5	0.111	0.05	110	0.05	57
20700E 21700N	0.054	3.3	0.5	0.2	5.4	0.6	10	0.1	0.7	0.058	0.05	116	0.05	40
20700E 21750N	0.079	3.1	0.5	0.2	5	0.7	18	0.1	0.8	0.129	0.05	110	0.05	59
20700E 21800N	0.048	4.6	0.5	0.3	5.3	0.6	24	0.1	1.2	0.15	0.05	133	0.05	46
20700E 21850N	0.092	4.4	0.5	0.1	4	0.6	20	0.1	0.7	0.081	0.05	100	0.05	56
20700E 21900N	0.029	3.6	0.5	0.05	3.1	0.5	9	0.1	0.6	0.064	0.05	75	0.05	28
20700E 21950N	0.053	7.7	0.5	0.1	5.3	0.25	15	0.1	0.7	0.061	0.05	75	0.05	57
20700E 22000N	0.034	23.3	0.5	0.05	5.2	0.6	50	0.1	0.4	0.081	0.05	71	0.05	27
20700E 22050N	0.148	11.8	0.5	1	5	0.7	10	0.1	1.3	0.065	0.05	85	0.05	145
21000E 21900N	0.068	7.7	0.5	0.2	4	0.25	20	0.1	0.7	0.139	0.05	76	0.05	75
21000E 21950N	0.197	10.6	0.5	0.3	5.3	0.25	16	0.1	0.8	0.083	0.05	85	0.05	133
21000E 22000N	0.181	5.9	0.5	0.2	5.1	0.25	18	0.1	1	0.138	0.05	91	0.05	166
21000E 22050N	0.113	5.7	0.5	0.2	4.6	0.25	18	0.1	0.9	0.145	0.05	85	0.05	102
21000E 22100N	0.111	5.4	0.5	0.3	6.1	0.5	16	0.1	0.8	0.169	0.05	99	0.05	108
21000E 22150N	0.077	4.8	0.5	0.4	7	0.25	17	0.1	1	0.221	0.05	118	0.05	101
21000E 22200N	0.157	33.6	0.5	0.6	3.6	0.8	16	0.1	0.5	0.131	0.05	85	0.05	64
21000E 22250N	0.087	6	0.5	0.4	4.5	0.25	17	0.1	0.8	0.226	0.05	117	0.05	91
21000E 22300N	0.049	3.9	0.5	0.3	6.7	0.6	19	0.1	1	0.208	0.05	122	0.05	64
21000E 22350N	0.05	5.7	0.5	0.3	4.7	0.25	14	0.1	1	0.169	0.05	90	0.05	108

Rock Sample Assay Keys

SampleID	UTM Zone	Easting	Northing	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_perc	Cd_ppm	Co_ppm
907437	10 U	421478	5422844	8	0.7	0.25	6	5	10	0.25	3	0.15	0.25	7
907438	10 U	421482	5422853	122	5.8	0.22	62	5	5	0.25	9	0.02	0.9	21
907439	10 U	421392	5422892	19	0.1	0.06	4	5	22	0.25	1	0.05	0.25	4
907440	10 U	421406	5422892	94	0.8	0.29	74	5	5	0.25	2	0.27	1.6	24
907441	10 U	420412	5420590	194	0.2	0.56	3	5	74	0.7	1	3.8	9.1	0.5
907442	10 U	420432	5420609	12	0.1	0.51	1	5	43	2.5	1	0.7	0.25	0.5
907443	10U	420303	5423416	5	0.1	2.19	1	5	22	0.6	1	2.45	0.25	20
907444	10 U	420276	5422523	5	0.1	0.68	2	5	88	1.3	1	0.23	0.25	0.5
907445	10 U	419922	5418733	101	0.1	4.36	2	5	38	0.7	1	4.02	0.25	10
907446	10 U	419839	5418720	11	0.6	1.67	1	5	5	0.25	1	2.12	0.25	36
907447	10 U	419807	5418548	116	0.3	2.8	93	5	28	0.25	1	0.1	0.25	21
907448	10 U	419906	5418388	729	0.3	0.7	30	5	12	0.25	3	0.97	0.25	4
907449	10 U	420003	5418481	3980	1.2	0.29	2490	5	5	0.25	2	0.38	3.6	4
907450	10 U	420867	5421686	5	0.1	0.44	52	5	285	0.25	1	6.94	0.25	23
907451	10 U	420360	5421427	10	0.1	1.2	39	5	317	0.25	1	0.16	0.25	7
906826	10 U	420809	5422076	6	0.1	1.61	92	5	94	0.5	1	2.61	0.25	38
906827	10 U	420809	5422076	6	0.1	0.55	174	5	83	0.25	1	5.96	0.25	17

Rock Sample Assay Keys

SampleID	UTM Zone	Easting	Northing	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm
907437	10 U	421478	5422844	17	2370	1.11	5	0.5	0.02	5	0.06	297	2
907438	10 U	421482	5422853	21	7460	2.03	5	0.5	0.03	5	0.05	177	2
907439	10 U	421392	5422892	25	174	8.2	5	2	0.005	5	0.02	1430	6
907440	10 U	421406	5422892	40	177	15	5	0.5	0.005	5	0.19	1360	98
907441	10 U	420412	5420590	4	101	1.6	5	0.5	0.28	32	0.06	740	3
907442	10 U	420432	5420609	10	37	1.58	5	0.5	0.22	47	0.06	252	2
907443	10U	420303	5423416	4	185	8.32	10	2	0.42	22	1.12	915	4
907444	10 U	420276	5422523	7	2	1.85	5	0.5	0.26	45	0.01	937	3
907445	10 U	419922	5418733	11	352	3.4	10	0.5	0.18	5	0.46	383	2
907446	10 U	419839	5418720	9	627	4.85	5	0.5	0.04	5	0.25	159	12
907447	10 U	419807	5418548	13	49	9.31	5	2	0.31	5	1.44	638	0.5
907448	10 U	419906	5418388	19	471	3.56	5	0.5	0.07	5	0.09	265	2
907449	10 U	420003	5418481	16	468	3.56	5	0.5	0.01	5	0.02	461	4
907450	10 U	420867	5421686	3	90	8.7	5	1	0.005	5	2.12	2050	0.5
907451	10 U	420360	5421427	15	59	2.58	5	0.5	0.06	5	0.85	421	1
906826	10 U	420809	5422076	8	202	9.57	5	0.5	0.07	5	1.57	1680	0.5
906827	10 U	420809	5422076	7	305	6.94	5	1	0.02	5	2.01	2020	0.5

Rock Sample Assay Keys

SampleID	UTM Zone	Easting	Northing	Na_perc	Ni_ppm	P_perc	Pb_ppm	S_perc	Sb_ppm	Sc_ppm	Sr_ppm	Te_ppm	Th_ppm
907437	10 U	421478	5422844	0.017	3	0.003	4	0.03	1	0.5	3	0.5	10
907438	10 U	421482	5422853	0.014	5	0.005	3	0.38	1	0.5	1	0.5	10
907439	10 U	421392	5422892	0.008	14	0.031	1	0.08	3	0.5	3	0.5	10
907440	10 U	421406	5422892	0.01	90	0.138	31	8.39	7	4	9	0.5	10
907441	10 U	420412	5420590	0.029	2	0.002	5	1.14	2	0.5	91	0.5	10
907442	10 U	420432	5420609	0.05	0.5	0.002	3	0.82	1	0.5	41	0.5	10
907443	10U	420303	5423416	0.173	6	0.478	1	0.68	4	18	57	0.5	10
907444	10 U	420276	5422523	0.052	0.5	0.003	1	0.005	1	0.5	5	0.5	10
907445	10 U	419922	5418733	0.332	6	0.356	2	0.9	1	3	93	2	10
907446	10 U	419839	5418720	0.068	10	0.199	4	3.6	2	7	21	0.5	10
907447	10 U	419807	5418548	0.033	12	0.069	18	2.16	7	6	5	0.5	10
907448	10 U	419906	5418388	0.083	2	0.025	7	0.66	1	2	26	3	10
907449	10 U	420003	5418481	0.011	2	0.023	180	0.37	3	0.5	5	0.5	10
907450	10 U	420867	5421686	0.008	10	0.078	1	0.005	5	15	208	0.5	10
907451	10 U	420360	5421427	0.05	16	0.049	5	0.18	1	7	9	0.5	10
906826	10 U	420809	5422076	0.01	37	0.081	1	0.03	8	29	77	0.5	10
906827	10 U	420809	5422076	0.007	18	0.041	1	0.01	5	14	168	0.5	10

Rock Sample Assay Keys

SampleID	UTM Zone	Easting	Northing	Ti_perc	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm	Zn_ppm
907437	10 U	421478	5422844	0.005	1	5	5	5	0.5	0.5	19
907438	10 U	421482	5422853	0.005	1	5	11	5	0.5	0.5	59
907439	10 U	421392	5422892	0.005	1	5	135	5	0.5	3	9
907440	10 U	421406	5422892	0.005	1	5	288	5	2	5	197
907441	10 U	420412	5420590	0.005	1	5	0.5	5	28	2	1100
907442	10 U	420432	5420609	0.005	1	5	2	5	48	5	82
907443	10U	420303	5423416	0.04	1	5	42	5	59	2	88
907444	10 U	420276	5422523	0.005	1	5	0.5	5	20	2	83
907445	10 U	419922	5418733	0.17	1	5	51	5	8	3	30
907446	10 U	419839	5418720	0.32	1	5	111	5	14	6	27
907447	10 U	419807	5418548	0.005	1	5	77	5	5	3	51
907448	10 U	419906	5418388	0.05	1	5	27	5	4	1	11
907449	10 U	420003	5418481	0.01	1	5	6	5	2	1	387
907450	10 U	420867	5421686	0.005	1	5	98	5	25	2	81
907451	10 U	420360	5421427	0.01	1	5	67	5	8	1	55
906826	10 U	420809	5422076	0.005	1	5	168	5	18	4	104
906827	10 U	420809	5422076	0.005	1	5	113	5	14	2	78

Silt Sample Assay Keys

SampleID	UTM Zone	Easting	Northing	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_perc	Cd_ppm
1679	10 U	420339	5422401	8	0.1	2.23	8.5	1.7	10	296	0.05	1.06	0.2
1680	10 U	421314	5419574	46	0.2	2.16	14.4	3.5	10	287	0.05	0.81	0.2
1681	10 U	422053	5420790	44	0.05	2.16	2.9	3.3	10	145	0.05	0.76	0.2
1682	10 U	422003	5420757	7	0.1	2.34	6.5	0.9	10	262	0.05	1.07	0.2
1683	10 U	422009	5420724	7	0.1	2.29	5.9	6.5	10	165	0.05	0.88	0.1
1684	10 U	422031	5420466	7	0.1	2.67	8.4	2	10	363	0.05	0.91	0.2
1685	10 U	422023	5420442	6	0.1	2.64	6.4	3.1	10	185	0.05	0.73	0.2
1686	10 U	421696	5419931	7	0.1	2.8	15.3	2.5	10	218	0.05	0.74	0.1
8169	10 U	420413	5420638	11	0.6	2.61	15.8	0.25	10	353	0.2	0.96	0.9
8170	10 U	420698	5421439	8	0.2	2.04	4.9	0.25	10	268	0.05	1.12	0.4
8171	10 U	420864	5421374	17	0.1	2.14	5.8	1	10	204	0.05	0.79	0.2
8172	10 U	421407	5422828	10	0.2	2.27	9.2	0.25	10	228	0.2	0.82	0.3
8173	10 U	421410	5422626	14	0.2	2.08	4.9	3.6	10	281	0.05	0.95	0.1
8174	10 U	421225	5422086	10	0.2	1.93	6.5	0.25	10	225	0.1	0.91	0.1
8175	10 U	420972	5420988	10	0.4	2.29	9.5	0.25	10	346	0.05	1.13	0.3
8176	10 U	420109	5421284	10	0.2	2.15	19.9	0.25	10	518	0.05	0.72	0.7
8177	10 U	420184	5423273	8	0.2	2.56	22.8	0.25	10	424	0.05	0.98	0.2
8178	10 U	420093	5422506	17	0.5	1.65	15.9	4.2	10	249	0.2	0.86	0.7
8179	10 U	420008	5422266	11	0.2	2.44	48.1	0.25	10	311	0.05	0.59	0.2
8180	10 U	419970	5421628	7	0.05	2.42	2.6	0.25	10	173	0.05	0.73	0.2
8182	10 U	421264	5422544	17	0.1	2.28	7.1	3	10	226	0.1	0.82	0.1
8183	10 U	421105	5421620	115	0.1	2.14	5.9	2.8	10	214	0.1	0.82	0.1
8184	10 U	420800	5421173	9	0.1	2.06	19.9	2.1	10	319	0.05	0.82	0.2
8185	10 U	420825	5421128	9	0.1	1.93	10.3	4.9	10	213	0.05	0.82	0.1
8191	10 U	421586	5419482	122	0.05	2.22	9.1	4	10	166	0.05	0.83	0.1

Silt Sample Assay Keys

SampleID	UTM Zone	Easting	Northing	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm	K_perc	La_ppm	Mg_perc	Mn_ppm
1679	10 U	420339	5422401	16.8	39	64.8	4.48	6	0.1	0.06	9	0.78	991
1680	10 U	421314	5419574	21.5	42	81	5.38	6	0.09	0.05	12	1.01	1410
1681	10 U	422053	5420790	26.3	26	64	5.89	5	0.07	0.06	13	1.5	1900
1682	10 U	422003	5420757	21.6	65	102	4.53	6	0.12	0.05	10	1.15	1660
1683	10 U	422009	5420724	26	33	78.4	5.65	6	0.08	0.07	13	1.42	1420
1684	10 U	422031	5420466	28.7	55	107	5.44	7	0.09	0.07	11	1.21	1410
1685	10 U	422023	5420442	27.1	35	91	5.38	6	0.08	0.08	13	1.39	1630
1686	10 U	421696	5419931	27.5	46	92.5	6.03	7	0.07	0.07	11	1.45	1290
8169	10 U	420413	5420638	26.2	42	124	4.34	4	0.11	0.06	20	0.88	1230
8170	10 U	420698	5421439	17.7	45	77.7	3.62	3	0.11	0.06	17	0.91	1210
8171	10 U	420864	5421374	23.5	48	102	5.17	5	0.02	0.05	10	1.18	1150
8172	10 U	421407	5422828	21.2	46	112	4.38	5	0.06	0.04	10	0.98	1200
8173	10 U	421410	5422626	23	53	107	4.7	4	0.03	0.05	10	1.12	1230
8174	10 U	421225	5422086	20.9	52	103	4.79	4	0.04	0.04	10	1.01	962
8175	10 U	420972	5420988	19.9	43	109	3.95	3	0.09	0.06	14	0.93	1040
8176	10 U	420109	5421284	24.3	35	120	4.71	2	0.06	0.07	14	0.96	1280
8177	10 U	420184	5423273	25.2	81	84.4	4.67	4	0.06	0.06	12	1.26	1400
8178	10 U	420093	5422506	22.4	18	90.1	3.78	3	0.13	0.06	29	0.47	3940
8179	10 U	420008	5422266	28	39	173	5.65	6	0.71	0.05	13	0.98	1430
8180	10 U	419970	5421628	22.1	30	89.5	5	5	0.04	0.08	12	1.37	1040
8182	10 U	421264	5422544	21.7	52	85	5.26	7	0.05	0.03	8	1.1	1050
8183	10 U	421105	5421620	22.8	54	87.5	5.62	6	0.06	0.04	9	1.08	994
8184	10 U	420800	5421173	20.6	39	84.9	5.49	6	0.08	0.07	13	0.96	1140
8185	10 U	420825	5421128	21.8	53	81	6.09	6	0.06	0.05	9	1	923
8191	10 U	421586	5419482	24.4	47	76.4	6.48	7	0.07	0.06	11	1.26	1010

Silt Sample Assay Keys

SampleID	UTM Zone	Easting	Northing	Mo_ppm	Na_perc	Ni_ppm	P_perc	Pb_ppm	S_perc	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm
1679	10 U	420339	5422401	0.9	0.078	27.7	0.082	3.5	0.5	0.5	5.6	0.6	35
1680	10 U	421314	5419574	0.8	0.037	33.8	0.074	5.3	0.5	0.6	6.6	0.7	34
1681	10 U	422053	5420790	0.3	0.012	21.2	0.142	5.3	0.5	0.3	5.7	0.6	65
1682	10 U	422003	5420757	0.3	0.022	39.8	0.08	6.2	0.5	0.1	8.9	0.9	41
1683	10 U	422009	5420724	0.5	0.015	25.2	0.136	5.7	0.5	0.4	6.7	0.6	63
1684	10 U	422031	5420466	0.5	0.025	38.5	0.101	5.7	0.5	0.6	8.4	0.7	41
1685	10 U	422023	5420442	0.5	0.017	28.5	0.119	7.4	0.5	0.4	6.9	0.6	51
1686	10 U	421696	5419931	0.6	0.02	31.9	0.111	5.9	0.5	1	8.3	0.7	49
8169	10 U	420413	5420638	2.2	0.024	61.5	0.082	13.4	0.5	0.9	6.4	0.9	32
8170	10 U	420698	5421439	0.7	0.042	31.3	0.091	6.9	0.5	0.5	5.4	1.3	44
8171	10 U	420864	5421374	0.7	0.027	43.7	0.085	6.2	0.5	0.4	6.9	0.25	37
8172	10 U	421407	5422828	1.2	0.026	39.8	0.072	10.7	0.5	0.4	6.7	0.25	32
8173	10 U	421410	5422626	0.5	0.037	44.7	0.087	5.6	0.5	0.2	6.7	0.25	42
8174	10 U	421225	5422086	0.8	0.028	38.6	0.07	6.3	0.5	0.4	6.5	0.25	36
8175	10 U	420972	5420988	0.6	0.034	39.8	0.057	7.9	0.5	0.3	8.1	0.25	38
8176	10 U	420109	5421284	1.1	0.022	44.8	0.081	9.5	0.5	1.2	8.1	0.25	34
8177	10 U	420184	5423273	1.1	0.06	68	0.122	6.4	0.5	0.5	6.1	0.25	33
8178	10 U	420093	5422506	2.4	0.02	69.1	0.107	13.3	0.5	0.6	2.8	0.25	26
8179	10 U	420008	5422266	1	0.026	54.7	0.08	11	0.5	1.2	9.3	0.25	27
8180	10 U	419970	5421628	0.3	0.011	31.8	0.08	5.4	0.5	0.3	5.8	0.25	54
8182	10 U	421264	5422544	0.8	0.031	38.8	0.067	5.8	0.5	0.4	6.5	0.8	33
8183	10 U	421105	5421620	0.7	0.028	36.3	0.067	5.4	0.5	0.4	6.4	0.7	32
8184	10 U	420800	5421173	0.9	0.043	33.5	0.093	5.7	0.5	0.9	6.3	0.8	35
8185	10 U	420825	5421128	0.8	0.035	33.3	0.081	5.2	0.5	0.7	6	0.7	34
8191	10 U	421586	5419482	0.6	0.019	29.7	0.101	4.9	0.5	0.8	7	0.7	53

Silt Sample Assay Keys

SampleID	UTM Zone	Easting	Northing	Te_ppm	Th_ppm	Ti_perc	Tl_ppm	V_ppm	W_ppm	Zn_ppm
1679	10 U	420339	5422401	0.1	0.8	0.176	0.05	165	0.05	66
1680	10 U	421314	5419574	0.1	1	0.218	0.05	127	0.05	97
1681	10 U	422053	5420790	0.1	1.5	0.155	0.05	95	0.05	94
1682	10 U	422003	5420757	0.1	0.6	0.204	0.05	124	0.05	70
1683	10 U	422009	5420724	0.1	1.3	0.182	0.05	101	0.05	99
1684	10 U	422031	5420466	0.1	1	0.178	0.05	106	0.05	102
1685	10 U	422023	5420442	0.1	1.2	0.191	0.05	98	0.05	96
1686	10 U	421696	5419931	0.1	1.2	0.218	0.05	124	0.05	103
8169	10 U	420413	5420638	0.1	0.9	0.109	0.05	91	0.05	169
8170	10 U	420698	5421439	0.1	0.5	0.122	0.05	105	0.05	80
8171	10 U	420864	5421374	0.1	0.9	0.181	0.05	119	0.05	94
8172	10 U	421407	5422828	0.1	0.7	0.137	0.05	99	0.05	100
8173	10 U	421410	5422626	0.1	0.8	0.17	0.05	109	0.05	75
8174	10 U	421225	5422086	0.1	0.7	0.228	0.05	142	0.05	84
8175	10 U	420972	5420988	0.1	0.8	0.139	0.05	100	0.05	125
8176	10 U	420109	5421284	0.1	1	0.108	0.05	99	0.05	130
8177	10 U	420184	5423273	0.1	0.9	0.1	0.05	131	0.05	86
8178	10 U	420093	5422506	0.1	0.4	0.048	0.05	62	0.05	296
8179	10 U	420008	5422266	0.1	0.9	0.099	0.05	114	0.05	252
8180	10 U	419970	5421628	0.1	1	0.169	0.05	90	0.05	88
8182	10 U	421264	5422544	0.1	0.8	0.284	0.05	157	0.05	96
8183	10 U	421105	5421620	0.1	0.7	0.288	0.05	165	0.05	90
8184	10 U	420800	5421173	0.1	1.2	0.189	0.05	135	0.05	102
8185	10 U	420825	5421128	0.1	0.9	0.257	0.05	191	0.05	83
8191	10 U	421586	5419482	0.1	1.1	0.262	0.05	151	0.05	91

Silt Sample Assay Keys

SampleID	UTM Zone	Easting	Northing	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_perc	Cd_ppm
1679	10 U	420339	5422401	8	0.1	2.23	8.5	1.7	10	296	0.05	1.06	0.2
1680	10 U	421314	5419574	46	0.2	2.16	14.4	3.5	10	287	0.05	0.81	0.2
1681	10 U	422053	5420790	44	0.05	2.16	2.9	3.3	10	145	0.05	0.76	0.2
1682	10 U	422003	5420757	7	0.1	2.34	6.5	0.9	10	262	0.05	1.07	0.2
1683	10 U	422009	5420724	7	0.1	2.29	5.9	6.5	10	165	0.05	0.88	0.1
1684	10 U	422031	5420466	7	0.1	2.67	8.4	2	10	363	0.05	0.91	0.2
1685	10 U	422023	5420442	6	0.1	2.64	6.4	3.1	10	185	0.05	0.73	0.2
1686	10 U	421696	5419931	7	0.1	2.8	15.3	2.5	10	218	0.05	0.74	0.1
8169	10 U	420413	5420638	11	0.6	2.61	15.8	0.25	10	353	0.2	0.96	0.9
8170	10 U	420698	5421439	8	0.2	2.04	4.9	0.25	10	268	0.05	1.12	0.4
8171	10 U	420864	5421374	17	0.1	2.14	5.8	1	10	204	0.05	0.79	0.2
8172	10 U	421407	5422828	10	0.2	2.27	9.2	0.25	10	228	0.2	0.82	0.3
8173	10 U	421410	5422626	14	0.2	2.08	4.9	3.6	10	281	0.05	0.95	0.1
8174	10 U	421225	5422086	10	0.2	1.93	6.5	0.25	10	225	0.1	0.91	0.1
8175	10 U	420972	5420988	10	0.4	2.29	9.5	0.25	10	346	0.05	1.13	0.3
8176	10 U	420109	5421284	10	0.2	2.15	19.9	0.25	10	518	0.05	0.72	0.7
8177	10 U	420184	5423273	8	0.2	2.56	22.8	0.25	10	424	0.05	0.98	0.2
8178	10 U	420093	5422506	17	0.5	1.65	15.9	4.2	10	249	0.2	0.86	0.7
8179	10 U	420008	5422266	11	0.2	2.44	48.1	0.25	10	311	0.05	0.59	0.2
8180	10 U	419970	5421628	7	0.05	2.42	2.6	0.25	10	173	0.05	0.73	0.2
8182	10 U	421264	5422544	17	0.1	2.28	7.1	3	10	226	0.1	0.82	0.1
8183	10 U	421105	5421620	115	0.1	2.14	5.9	2.8	10	214	0.1	0.82	0.1
8184	10 U	420800	5421173	9	0.1	2.06	19.9	2.1	10	319	0.05	0.82	0.2
8185	10 U	420825	5421128	9	0.1	1.93	10.3	4.9	10	213	0.05	0.82	0.1
8191	10 U	421586	5419482	122	0.05	2.22	9.1	4	10	166	0.05	0.83	0.1

Silt Sample Assay Keys

SampleID	UTM Zone	Easting	Northing	Co_ppm	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm	K_perc	La_ppm	Mg_perc	Mn_ppm
1679	10 U	420339	5422401	16.8	39	64.8	4.48	6	0.1	0.06	9	0.78	991
1680	10 U	421314	5419574	21.5	42	81	5.38	6	0.09	0.05	12	1.01	1410
1681	10 U	422053	5420790	26.3	26	64	5.89	5	0.07	0.06	13	1.5	1900
1682	10 U	422003	5420757	21.6	65	102	4.53	6	0.12	0.05	10	1.15	1660
1683	10 U	422009	5420724	26	33	78.4	5.65	6	0.08	0.07	13	1.42	1420
1684	10 U	422031	5420466	28.7	55	107	5.44	7	0.09	0.07	11	1.21	1410
1685	10 U	422023	5420442	27.1	35	91	5.38	6	0.08	0.08	13	1.39	1630
1686	10 U	421696	5419931	27.5	46	92.5	6.03	7	0.07	0.07	11	1.45	1290
8169	10 U	420413	5420638	26.2	42	124	4.34	4	0.11	0.06	20	0.88	1230
8170	10 U	420698	5421439	17.7	45	77.7	3.62	3	0.11	0.06	17	0.91	1210
8171	10 U	420864	5421374	23.5	48	102	5.17	5	0.02	0.05	10	1.18	1150
8172	10 U	421407	5422828	21.2	46	112	4.38	5	0.06	0.04	10	0.98	1200
8173	10 U	421410	5422626	23	53	107	4.7	4	0.03	0.05	10	1.12	1230
8174	10 U	421225	5422086	20.9	52	103	4.79	4	0.04	0.04	10	1.01	962
8175	10 U	420972	5420988	19.9	43	109	3.95	3	0.09	0.06	14	0.93	1040
8176	10 U	420109	5421284	24.3	35	120	4.71	2	0.06	0.07	14	0.96	1280
8177	10 U	420184	5423273	25.2	81	84.4	4.67	4	0.06	0.06	12	1.26	1400
8178	10 U	420093	5422506	22.4	18	90.1	3.78	3	0.13	0.06	29	0.47	3940
8179	10 U	420008	5422266	28	39	173	5.65	6	0.71	0.05	13	0.98	1430
8180	10 U	419970	5421628	22.1	30	89.5	5	5	0.04	0.08	12	1.37	1040
8182	10 U	421264	5422544	21.7	52	85	5.26	7	0.05	0.03	8	1.1	1050
8183	10 U	421105	5421620	22.8	54	87.5	5.62	6	0.06	0.04	9	1.08	994
8184	10 U	420800	5421173	20.6	39	84.9	5.49	6	0.08	0.07	13	0.96	1140
8185	10 U	420825	5421128	21.8	53	81	6.09	6	0.06	0.05	9	1	923
8191	10 U	421586	5419482	24.4	47	76.4	6.48	7	0.07	0.06	11	1.26	1010

Silt Sample Assay Keys

SampleID	UTM Zone	Easting	Northing	Mo_ppm	Na_perc	Ni_ppm	P_perc	Pb_ppm	S_perc	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm
1679	10 U	420339	5422401	0.9	0.078	27.7	0.082	3.5	0.5	0.5	5.6	0.6	35
1680	10 U	421314	5419574	0.8	0.037	33.8	0.074	5.3	0.5	0.6	6.6	0.7	34
1681	10 U	422053	5420790	0.3	0.012	21.2	0.142	5.3	0.5	0.3	5.7	0.6	65
1682	10 U	422003	5420757	0.3	0.022	39.8	0.08	6.2	0.5	0.1	8.9	0.9	41
1683	10 U	422009	5420724	0.5	0.015	25.2	0.136	5.7	0.5	0.4	6.7	0.6	63
1684	10 U	422031	5420466	0.5	0.025	38.5	0.101	5.7	0.5	0.6	8.4	0.7	41
1685	10 U	422023	5420442	0.5	0.017	28.5	0.119	7.4	0.5	0.4	6.9	0.6	51
1686	10 U	421696	5419931	0.6	0.02	31.9	0.111	5.9	0.5	1	8.3	0.7	49
8169	10 U	420413	5420638	2.2	0.024	61.5	0.082	13.4	0.5	0.9	6.4	0.9	32
8170	10 U	420698	5421439	0.7	0.042	31.3	0.091	6.9	0.5	0.5	5.4	1.3	44
8171	10 U	420864	5421374	0.7	0.027	43.7	0.085	6.2	0.5	0.4	6.9	0.25	37
8172	10 U	421407	5422828	1.2	0.026	39.8	0.072	10.7	0.5	0.4	6.7	0.25	32
8173	10 U	421410	5422626	0.5	0.037	44.7	0.087	5.6	0.5	0.2	6.7	0.25	42
8174	10 U	421225	5422086	0.8	0.028	38.6	0.07	6.3	0.5	0.4	6.5	0.25	36
8175	10 U	420972	5420988	0.6	0.034	39.8	0.057	7.9	0.5	0.3	8.1	0.25	38
8176	10 U	420109	5421284	1.1	0.022	44.8	0.081	9.5	0.5	1.2	8.1	0.25	34
8177	10 U	420184	5423273	1.1	0.06	68	0.122	6.4	0.5	0.5	6.1	0.25	33
8178	10 U	420093	5422506	2.4	0.02	69.1	0.107	13.3	0.5	0.6	2.8	0.25	26
8179	10 U	420008	5422266	1	0.026	54.7	0.08	11	0.5	1.2	9.3	0.25	27
8180	10 U	419970	5421628	0.3	0.011	31.8	0.08	5.4	0.5	0.3	5.8	0.25	54
8182	10 U	421264	5422544	0.8	0.031	38.8	0.067	5.8	0.5	0.4	6.5	0.8	33
8183	10 U	421105	5421620	0.7	0.028	36.3	0.067	5.4	0.5	0.4	6.4	0.7	32
8184	10 U	420800	5421173	0.9	0.043	33.5	0.093	5.7	0.5	0.9	6.3	0.8	35
8185	10 U	420825	5421128	0.8	0.035	33.3	0.081	5.2	0.5	0.7	6	0.7	34
8191	10 U	421586	5419482	0.6	0.019	29.7	0.101	4.9	0.5	0.8	7	0.7	53

Silt Sample Assay Keys

SampleID	UTM Zone	Easting	Northing	Te_ppm	Th_ppm	Ti_perc	Tl_ppm	V_ppm	W_ppm	Zn_ppm
1679	10 U	420339	5422401	0.1	0.8	0.176	0.05	165	0.05	66
1680	10 U	421314	5419574	0.1	1	0.218	0.05	127	0.05	97
1681	10 U	422053	5420790	0.1	1.5	0.155	0.05	95	0.05	94
1682	10 U	422003	5420757	0.1	0.6	0.204	0.05	124	0.05	70
1683	10 U	422009	5420724	0.1	1.3	0.182	0.05	101	0.05	99
1684	10 U	422031	5420466	0.1	1	0.178	0.05	106	0.05	102
1685	10 U	422023	5420442	0.1	1.2	0.191	0.05	98	0.05	96
1686	10 U	421696	5419931	0.1	1.2	0.218	0.05	124	0.05	103
8169	10 U	420413	5420638	0.1	0.9	0.109	0.05	91	0.05	169
8170	10 U	420698	5421439	0.1	0.5	0.122	0.05	105	0.05	80
8171	10 U	420864	5421374	0.1	0.9	0.181	0.05	119	0.05	94
8172	10 U	421407	5422828	0.1	0.7	0.137	0.05	99	0.05	100
8173	10 U	421410	5422626	0.1	0.8	0.17	0.05	109	0.05	75
8174	10 U	421225	5422086	0.1	0.7	0.228	0.05	142	0.05	84
8175	10 U	420972	5420988	0.1	0.8	0.139	0.05	100	0.05	125
8176	10 U	420109	5421284	0.1	1	0.108	0.05	99	0.05	130
8177	10 U	420184	5423273	0.1	0.9	0.1	0.05	131	0.05	86
8178	10 U	420093	5422506	0.1	0.4	0.048	0.05	62	0.05	296
8179	10 U	420008	5422266	0.1	0.9	0.099	0.05	114	0.05	252
8180	10 U	419970	5421628	0.1	1	0.169	0.05	90	0.05	88
8182	10 U	421264	5422544	0.1	0.8	0.284	0.05	157	0.05	96
8183	10 U	421105	5421620	0.1	0.7	0.288	0.05	165	0.05	90
8184	10 U	420800	5421173	0.1	1.2	0.189	0.05	135	0.05	102
8185	10 U	420825	5421128	0.1	0.9	0.257	0.05	191	0.05	83
8191	10 U	421586	5419482	0.1	1.1	0.262	0.05	151	0.05	91

Rock Sample Assay Keys

SampleID	UTM Zone	Easting	Northing	Au_ppb_FA	Ag_ppm	Al_perc	As_ppm	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_perc	Cd_ppm	Co_ppm
907437	10 U	421478	5422844	8	0.7	0.25	6	5	10	0.25	3	0.15	0.25	7
907438	10 U	421482	5422853	122	5.8	0.22	62	5	5	0.25	9	0.02	0.9	21
907439	10 U	421392	5422892	19	0.1	0.06	4	5	22	0.25	1	0.05	0.25	4
907440	10 U	421406	5422892	94	0.8	0.29	74	5	5	0.25	2	0.27	1.6	24
907441	10 U	420412	5420590	194	0.2	0.56	3	5	74	0.7	1	3.8	9.1	0.5
907442	10 U	420432	5420609	12	0.1	0.51	1	5	43	2.5	1	0.7	0.25	0.5
907443	10U	420303	5423416	5	0.1	2.19	1	5	22	0.6	1	2.45	0.25	20
907444	10 U	420276	5422523	5	0.1	0.68	2	5	88	1.3	1	0.23	0.25	0.5
907445	10 U	419922	5418733	101	0.1	4.36	2	5	38	0.7	1	4.02	0.25	10
907446	10 U	419839	5418720	11	0.6	1.67	1	5	5	0.25	1	2.12	0.25	36
907447	10 U	419807	5418548	116	0.3	2.8	93	5	28	0.25	1	0.1	0.25	21
907448	10 U	419906	5418388	729	0.3	0.7	30	5	12	0.25	3	0.97	0.25	4
907449	10 U	420003	5418481	3980	1.2	0.29	2490	5	5	0.25	2	0.38	3.6	4
907450	10 U	420867	5421686	5	0.1	0.44	52	5	285	0.25	1	6.94	0.25	23
907451	10 U	420360	5421427	10	0.1	1.2	39	5	317	0.25	1	0.16	0.25	7
906826	10 U	420809	5422076	6	0.1	1.61	92	5	94	0.5	1	2.61	0.25	38
906827	10 U	420809	5422076	6	0.1	0.55	174	5	83	0.25	1	5.96	0.25	17

Rock Sample Assay Keys

SampleID	UTM Zone	Easting	Northing	Cr_ppm	Cu_ppm	Fe_perc	Ga_ppm	Hg_ppm	K_perc	La_ppm	Mg_perc	Mn_ppm	Mo_ppm
907437	10 U	421478	5422844	17	2370	1.11	5	0.5	0.02	5	0.06	297	2
907438	10 U	421482	5422853	21	7460	2.03	5	0.5	0.03	5	0.05	177	2
907439	10 U	421392	5422892	25	174	8.2	5	2	0.005	5	0.02	1430	6
907440	10 U	421406	5422892	40	177	15	5	0.5	0.005	5	0.19	1360	98
907441	10 U	420412	5420590	4	101	1.6	5	0.5	0.28	32	0.06	740	3
907442	10 U	420432	5420609	10	37	1.58	5	0.5	0.22	47	0.06	252	2
907443	10U	420303	5423416	4	185	8.32	10	2	0.42	22	1.12	915	4
907444	10 U	420276	5422523	7	2	1.85	5	0.5	0.26	45	0.01	937	3
907445	10 U	419922	5418733	11	352	3.4	10	0.5	0.18	5	0.46	383	2
907446	10 U	419839	5418720	9	627	4.85	5	0.5	0.04	5	0.25	159	12
907447	10 U	419807	5418548	13	49	9.31	5	2	0.31	5	1.44	638	0.5
907448	10 U	419906	5418388	19	471	3.56	5	0.5	0.07	5	0.09	265	2
907449	10 U	420003	5418481	16	468	3.56	5	0.5	0.01	5	0.02	461	4
907450	10 U	420867	5421686	3	90	8.7	5	1	0.005	5	2.12	2050	0.5
907451	10 U	420360	5421427	15	59	2.58	5	0.5	0.06	5	0.85	421	1
906826	10 U	420809	5422076	8	202	9.57	5	0.5	0.07	5	1.57	1680	0.5
906827	10 U	420809	5422076	7	305	6.94	5	1	0.02	5	2.01	2020	0.5

Rock Sample Assay Keys

SampleID	UTM Zone	Easting	Northing	Na_perc	Ni_ppm	P_perc	Pb_ppm	S_perc	Sb_ppm	Sc_ppm	Sr_ppm	Te_ppm	Th_ppm
907437	10 U	421478	5422844	0.017	3	0.003	4	0.03	1	0.5	3	0.5	10
907438	10 U	421482	5422853	0.014	5	0.005	3	0.38	1	0.5	1	0.5	10
907439	10 U	421392	5422892	0.008	14	0.031	1	0.08	3	0.5	3	0.5	10
907440	10 U	421406	5422892	0.01	90	0.138	31	8.39	7	4	9	0.5	10
907441	10 U	420412	5420590	0.029	2	0.002	5	1.14	2	0.5	91	0.5	10
907442	10 U	420432	5420609	0.05	0.5	0.002	3	0.82	1	0.5	41	0.5	10
907443	10U	420303	5423416	0.173	6	0.478	1	0.68	4	18	57	0.5	10
907444	10 U	420276	5422523	0.052	0.5	0.003	1	0.005	1	0.5	5	0.5	10
907445	10 U	419922	5418733	0.332	6	0.356	2	0.9	1	3	93	2	10
907446	10 U	419839	5418720	0.068	10	0.199	4	3.6	2	7	21	0.5	10
907447	10 U	419807	5418548	0.033	12	0.069	18	2.16	7	6	5	0.5	10
907448	10 U	419906	5418388	0.083	2	0.025	7	0.66	1	2	26	3	10
907449	10 U	420003	5418481	0.011	2	0.023	180	0.37	3	0.5	5	0.5	10
907450	10 U	420867	5421686	0.008	10	0.078	1	0.005	5	15	208	0.5	10
907451	10 U	420360	5421427	0.05	16	0.049	5	0.18	1	7	9	0.5	10
906826	10 U	420809	5422076	0.01	37	0.081	1	0.03	8	29	77	0.5	10
906827	10 U	420809	5422076	0.007	18	0.041	1	0.01	5	14	168	0.5	10

Rock Sample Assay Keys

SampleID	UTM Zone	Easting	Northing	Ti_perc	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm	Zn_ppm
907437	10 U	421478	5422844	0.005	1	5	5	5	0.5	0.5	19
907438	10 U	421482	5422853	0.005	1	5	11	5	0.5	0.5	59
907439	10 U	421392	5422892	0.005	1	5	135	5	0.5	3	9
907440	10 U	421406	5422892	0.005	1	5	288	5	2	5	197
907441	10 U	420412	5420590	0.005	1	5	0.5	5	28	2	1100
907442	10 U	420432	5420609	0.005	1	5	2	5	48	5	82
907443	10U	420303	5423416	0.04	1	5	42	5	59	2	88
907444	10 U	420276	5422523	0.005	1	5	0.5	5	20	2	83
907445	10 U	419922	5418733	0.17	1	5	51	5	8	3	30
907446	10 U	419839	5418720	0.32	1	5	111	5	14	6	27
907447	10 U	419807	5418548	0.005	1	5	77	5	5	3	51
907448	10 U	419906	5418388	0.05	1	5	27	5	4	1	11
907449	10 U	420003	5418481	0.01	1	5	6	5	2	1	387
907450	10 U	420867	5421686	0.005	1	5	98	5	25	2	81
907451	10 U	420360	5421427	0.01	1	5	67	5	8	1	55
906826	10 U	420809	5422076	0.005	1	5	168	5	18	4	104
906827	10 U	420809	5422076	0.005	1	5	113	5	14	2	78

APPENDIX V

PETROGRAPHIC REPORT

VANCOUVER PETROGRAPHICS LTD

8080 Glover Road, Langley, B.C. V1M 3S3

PETROGRAPHIC REPORT ON 7 SAMPLES (SOGNIDORO)

Report for: Andrew Molnar/Andris Kikauka
Rio Minerals Ltd.
615-800 West Pender St.
Vancouver, B.C. V6C 2V6 (604) 671-2245

Invoice 220274
Project #S.22

June 15, 2022.

SUMMARY: Capsule descriptions are as follows:

S-22 S-01: multiple generation quartz vein, in which chalcopyrite-trace pyrite and possible magnetite (?) all partly oxidized to limonite are closely associated with a network of thin late clear quartz veinlets, local sericite/muscovite and chlorite, and partly drusy vugs.

S-22 S-02: “jasperoid”: uncertain rock type intensely replaced by secondary quartz-magnetite-hematite associated with a well-developed, multi-generation set of veinlets.

S-22 S-03: intensely quartz-pyrite-magnetite-minor chlorite-carbonate altered rock of uncertain derivation, cut by veinlets of secondary magnetite with well-developed coarse pyrite envelopes.

S-22 S-04: plagioclase-quartz-relict mafic sub-phyric latite (?), strongly altered to albite-Kspar?-sericite-chlorite (after secondary biotite?)-pyrite ±rutile associated with stockwork veinlets of carbonate-pyrite-chlorite-quartz.

S-22 S-05: quartz microdiorite (?) with plagioclase altered to sericite (and albite?), interstitial mafics to chlorite/hydrobiotite-carbonate ±rutile-pyrite, and minor primary quartz, cut by veins of carbonate-quartz-minor albite-local sericite, hairline veinlets of pyrite oxidized to limonite.

S-22 S-06: plagioclase-quartz-relict mafic aphyric latite (?), strongly altered to albite-Kspar?-sericite-chlorite (after secondary biotite?)-pyrite ±rutile associated with stockwork veinlets of limonite (after pyrite?)-chlorite-sericite.

S-22 S-07: major quartz vein in which minor pyrrhotite and chalcopyrite (partly oxidized to pitch limonite) are closely associated with patches of highly altered relict wallrock (now Fe carbonate-sericite-chlorite-epidote-local amphibole-sphene ±rutile), and partly drusy vugs.

Detailed petrographic descriptions and photomicrographs are appended (by email attachment). If you have any questions regarding the petrography, please do not hesitate to contact me.

Craig H.B. Leitch, Ph.D., (250) 538-1900 dromore61@gmail.com
124 Vesuvius Bay Road, Salt Spring Island, B.C. Canada V8K 1K3

S-22 S-01: MULTIPLE GENERATION QUARTZ VEIN IN WHICH CHALCOPYRITE-TRACE PYRITE AND POSSIBLE MAGNETITE (?) ALL PARTLY OXIDIZED TO LIMONITE ARE CLOSELY ASSOCIATED WITH A NETWORK OF THIN LATE CLEAR QUARTZ VEINLETS, LOCAL SERICITE/MUSCOVITE AND CHLORITE, AND PARTLY DRUSY VUGS

Hand specimen shows rusty, limonite stained milky white quartz vein with minor drusy vugs part filled with limonite (after sulfides, some of which remain where encapsulated in quartz and so protected from oxidation). The rock is not magnetic, shows local minor but rapid reaction to cold dilute HCl, and no significant yellow stain for K-feldspar (local faint yellow stain could be for K-mica?) in the etched offcut. Modal mineralogy in polished thin section is approximately:

Quartz (secondary vein, early cloudy, late clear)	85%
Voids (vugs and/or plucked areas)	5%
Limonite (mainly after chalcopyrite; local hematite after magnetite?)	5%
Sericite/muscovite (closely associated with/stained by limonite)	3%
Chlorite (mixed with/replaced by muscovite)	<1%
Chalcopyrite, trace pyrite (relicts)	<1%
Rutile (associated with sericite, sulfides)	<1%

This sample consists almost entirely of quartz, with local partly drusy vugs that are closely associated with limonite or limonite-stained sericite/muscovite or local chlorite (?) and accessory rutile. The limonite is clearly derived from oxidation of sulfides, minor amounts of which remain (chalcopyrite at cores of "pitch" limonite aggregates or minor pyrite where encapsulated in quartz). Carbonate detected in the hand specimen was not found in the thin section.

Quartz forming the bulk of the section is entirely secondary, of multiple generations and generally highly strained and/or finely recrystallized; it is further cut by a network of thin veinlets of clear quartz that appears to be closely related to the sericite/muscovite and limonite (oxidized sulfides) plus accessory rutile. The early generation of quartz is clouded by abundant fluid inclusions and forms randomly oriented, coarse, subhedral crystals that may be up to as much as almost 0.5 cm in diameter but are typically strongly strained (show undulose extinction, sub-grain development, and suturing of grain boundaries) and segmented into progressively smaller and smaller sub-domains ranging from 0.25 mm down to 25 μm as recrystallization increases, typically near or along the later generation of relatively clear quartz. Fluid inclusions in the early quartz are mostly <10 μm, with V/L ratios around 20%, and lack zonal patterns (could be primary or pseudosecondary?) but are not distributed along obvious fractures so not likely secondary. The later clear quartz veinlets form a network with random orientations, mostly <1 mm thick except at junctions where they may be up to 2 mm, composed of interlocking sub- to anhedral crystals mainly <0.75 mm long in which the fluid inclusions are typically controlled along well-defined short fractures (pseudosecondary or secondary).

Voids (partly due to plucking during section preparation) up to 3 mm wide by 1.5 cm long, or locally partly drusy vugs mostly <2 mm in size are closely associated with the late generation of clear quartz and with limonite and sericite or limonite stained sericite/muscovite. Limonite occurs as either aggregates to ~2 mm of relatively coarsely crystalline, deep red-brown "pitch" limonite (generally considered to form after chalcopyrite, which locally occurs as anhedral remnants to 0.8 mm at the core of the limonite), or relatively fine-grained, lower reflectivity material intergrown with or staining micaceous minerals (colourless sericite/muscovite or dull olive-green chlorite, both as subhedral flakes from 0.25 mm to <25 μm). Local aggregates to ~1 mm of higher reflectivity limonite (hematite, forming randomly oriented subhedra <25 μm?) is locally associated with the chlorite and not obviously after sulfides; it could represent former magnetite (?). Rare pyrite (euhedral cubes <50 μm) occurs where encapsulated within late-generation clear quartz.

In summary, this is multiple generation quartz vein in which chalcopyrite-trace pyrite and possible magnetite (?) all partly oxidized to limonite are closely associated with a network of thin late clear quartz veinlets, local sericite/muscovite and chlorite, and partly drusy vugs.

S-22 S-02: "JASPEROID": UNCERTAIN ROCK TYPE INTENSELY REPLACED BY SECONDARY QUARTZ-MAGNETITE-HEMATITE ASSOCIATED WITH A WELL-DEVELOPED, MULTI-GENERATION SET OF VEINLETS

Hand specimen shows bright red (hematite-stained) highly siliceous (unscratched by steel) rock akin to "jasperoid" in appearance, cut by local milky white-minor orange-brown limonite veinlets. The rock is strongly magnetic, unscratched by steel, shows no reaction to cold dilute HCl, and no stain for K-feldspar in the etched offcut. Modal mineralogy in polished thin section is approximately:

Quartz (secondary, vein/veinlet; partly stained by earthy hematite)	75%
Magnetite (part veinlet controlled, slightly altered at rims to hematite)	10%
Hematite (mainly specularite)	10%
("earthy", i.e. sub-microscopic, staining quartz)	3-5%
Voids, vugs (partly drusy)	~1%

This sample consists largely of secondary quartz (partly late clear veinlet controlled; but mainly fine-grained/recrystallized, the latter stained with sub-microscopic "earthy" hematite). Significant specular hematite (specularite) is intergrown with the finer-grained, recrystallized quartz. The magnetite is generally closely associated with the late clear veinlets and with local drusy vugs. The original rock type is uncertain due to the intense "jasperoid" alteration to quartz, magnetite and hematite.

Most quartz is sub/anhedral and fine to very fine-grained (<0.1 mm to <20 μm), with interstices and/or grain boundaries commonly marked by very fine specular hematite (subhedral crystals <5-10 μm, but commonly aggregating along the grain boundaries to 25-50 μm). In places, these cryptic grain boundaries may suggest former subrounded (possibly detrital?) original grains of <0.25 mm size, possibly indicating that the protolith could have been sedimentary (e.g. quartzite or wacke?). However, in places the secondary quartz is coarser (sub- to locally euhedral crystals 0.25 mm or over, commonly with semi-radiating habit of fibrous crystals) and these crystals are typically stained by minute particles of earthy hematite <1 μm in size, too small to resolve at 400X magnification. This coarser secondary quartz is generally controlled along and within an irregular, poorly defined stockwork of veinlets that themselves are locally re-opened by a network of later, relatively clear quartz (similar to that in S-01). In these clear quartz veinlets, which are generally <1 mm thick and irregular/anastamose in form, the crystals are subhedral and up to 0.5 mm long, but commonly are granulated/recrystallized to sub-domains of 20-40 μm size, associated with more intense strain (undulose extinction, sub-grain development, and suturing of grain boundaries) within the veins and in coarser quartz adjacent to it. Hematite is virtually absent from the later, clear quartz. Minor voids (partly due to plucking along fractures?) up to 2 mm long, or less commonly vugs to ~1 mm, the latter partly lined by small crystals of drusy quartz, are associated with the later veining.

Magnetite forming euhedral crystals mostly <0.4 mm in diameter, but locally in elongated aggregates to 0.5 mm wide by 2 mm long, is closely associated with the zones of coarser, somewhat fibrous quartz and/or the late clear quartz veining. The magnetite is thus likely secondary (veinlet controlled). It is slightly altered, mainly at rims/margins, to specular hematite similar to that in the adjacent matrix or along boundaries between quartz crystals.

In summary, this may be characterized as "jasperoid": uncertain rock type intensely replaced by secondary quartz-magnetite-hematite associated with a well-developed, multi-generation set of veinlets.

S-22 S-03: INTENSELY QUARTZ-PYRITE-MAGNETITE-MINOR CHLORITE-CARBONATE ALTERED ROCK OF UNCERTAIN DERIVATION, CUT BY VEINLETS OF SECONDARY MAGNETITE WITH WELL-DEVELOPED COARSE PYRITE ENVELOPES

Hand specimen shows fine-grained, dark grey to black rock of uncertain derivation with heavy pyrite-minor magnetite replacement around poorly defined central veins of massive magnetite. The rock is very strongly magnetic, unscratched by steel, shows no reaction to cold dilute HCl, and no stain for K-feldspar in the etched offcut. Modal mineralogy in polished thin section is approximately:

Quartz (secondary, vein; locally "pressure shadow" around pyrite)	65%
Pyrite (poorly defined envelope around magnetite vein)	25%
Magnetite (secondary, central vein and lesser veinlets)	7-8%
Chlorite/"hydrobiotite" (associated with magnetite in wallrock)	~2%
Carbonate (mainly vein envelope, ankerite/siderite?)	~1%

This sample consists largely of secondary quartz in a variety of forms (fine-grained, secondary; partly vein, locally pressure shadows around coarse pyrite crystals), significant coarse pyrite-minor fine magnetite (mainly in cryptic envelope developed around a central vein of massive magnetite), with local minor chlorite/hydrobiotite and Fe-carbonate alteration.

Most quartz is sub/anhedral and fine to very fine-grained (<0.2 mm to <20 μm), with interstices and/or grain boundaries partly marked by very fine magnetite (subhedral crystals <25-50 μm), and/or weakly aligned/foliated chlorite (subhedral flakes to 0.2 mm, with dull olive green to deep sea green colour but little pleochroism, partly masking the length-slow birefringence, suggestive of Fe-rich composition, Fe:Fe+Mg, or F:M, ratio 0.6-0.7?) although in places the micaceous mineral is brown and non-pleochroic ("hydrobiotite", or very Fe-rich chlorite?). In places, these cryptic quartz grain boundaries may suggest former subrounded (possibly detrital?) original grains of <0.5 mm size, possibly indicating that the protolith could have been sedimentary (e.g. quartzite or wacke?), and this may be supported by the minor amounts of micaceous mineral. However, in places the secondary quartz is coarser (sub- to locally euhedral crystals 0.35 mm, commonly in what appear to be poorly defined irregular veinlets) and these crystals appear to be sheared in a consistent plane sub-perpendicular to the veinlets and show strong strain. This coarser secondary quartz is generally controlled along and within an irregular, poorly defined stockwork of veinlets that themselves are locally re-opened by a network of later, relatively clear quartz (similar to that in S-01). In these clear quartz veinlets, which are generally <1 mm thick and irregular/anastamose in form, the crystals are subhedral and up to 0.5 mm long, but locally may be granulated/recrystallized to sub-domains <50 μm in size, associated with more intense strain (undulose extinction, sub-grain development, and suturing of grain boundaries) within the veins and in the quartz adjacent to it. Quartz surrounding coarse pyrite crystals shows well-defined fibrous habit to 0.4 mm long, typical of "pressure shadows" around the less easily recrystallized pyrite.

Pyrite grades from small subhedra <1 mm furthest from the major magnetite vein to coarse cubic sub/euhedra up to ~2 mm near the vein, the central portion of which is up to 4 mm thick of massive to semi-massive magnetite (randomly oriented, tightly interlocking euhedral crystals mainly <0.1 mm). In places, the inner envelope is enriched in chlorite (as above) and carbonate (anhedra to 0.2 mm, possibly ankerite or siderite to explain its lack of reaction to HCl in hand specimen). Smaller and more irregular veinlets of magnetite "bleed" off the main vein, mostly along the poorly defined foliation defined by elongation/strain of quartz crystals and alignment of chlorite flakes in the wallrock. Very rare carbonate (subhedra <20 μm).

In summary, this is intensely quartz-pyrite-magnetite-minor chlorite-carbonate altered rock of uncertain derivation, cut by veinlets of secondary magnetite with well-developed coarse pyrite envelopes.

S-22 S-04: PLAGIOCLASE-QUARTZ-RELICT MAFIC SUB-PHYRIC LATITE (?), STRONGLY ALTERED TO ALBITE-KSPAR?-SERICITE-CHLORITE (AFTER SECONDARY BIOTITE?)-PYRITE ±RUTILE ASSOCIATED WITH STOCKWORK VEINLETS OF CARBONATE-PYRITE-CHLORITE-QUARTZ

Hand specimen shows very fine-grained, pale greyish-buff, highly siliceous (altered?) rock of uncertain derivation, cut by a network of hairline sulfide-bearing (partly oxidized to limonite) and/or calcite fractures. The rock is unscratched by steel, not magnetic, shows minor rapid reaction to cold dilute HCl (hairline fractures only), and prominent yellow stain for K-feldspar in the etched offcut (on the sides of the block only; for some reason the face of the block does not show the yellow stain, merely etching white for plagioclase). Modal mineralogy in polished thin section is approximately:

Alkali feldspar (sub-phyric/groundmass albite, partly replaced by Kspar?)	40%
(Kspar, groundmass/partly secondary?)	30%
Quartz (primary sub-phyric, groundmass; minor secondary)	15%
Carbonate (hairline veinlets, calcite and dolomite?)	5%
Sericite (after feldspars)	5%
Chlorite (could be after secondary biotite?)	3%
Pyrite (mainly along hairline veinlets, with chlorite, calcite)	2%
Rutile (traces in relict mafic sites, veinlets)	<<1%

This sample is quite fine-grained and strongly altered, but appears to consist of sparse (<10% each) sub-phyric plagioclase and quartz and lesser (<5%) possible relict mafic sites in a groundmass of alkali feldspar/quartz (?), sericite and chlorite, cut by thin veinlets of calcite-pyrite ±chlorite-quartz.

Widely scattered sub-phyric/seriate-textured plagioclase is mostly <1, rarely to 1.5 mm in diameter, with tabular euhedral outlines partly obscured by shattering and alteration. Lack of twinning, distinct negative relief against quartz, and the general level of alteration all argue for an albitic composition (likely secondary) where not replaced by secondary Kspar from which it is difficult to distinguish due to lack of relief difference. Most of the sub-phyric/seriate alkali feldspar is unaffected by sericite (except at margins, adjacent to groundmass feldspar that is sericitized).

Sub-phyric quartz (also somewhat seriate) forms rounded subhedral crystals mainly <0.5 (rarely to 0.75) mm that generally show moderate strain (undulose extinction, minor sub-grain development/suturing of grain boundaries). The presence of this quartz argues that the micrographic intergrowths in the groundmass likely also contain quartz (too microscopic to identify confidently).

Possible relict mafic sites have smaller, ragged outlines mainly <0.35 mm that consist of variable mixtures of chlorite (subhedral flakes mostly <50 μm, generally pale green but in places with brownish tints suggestive of former secondary biotite?), sericite (similar sized but colourless subhedral flakes), and accessory rutile (dark brown subhedra mainly <20 μm) or less commonly pyrite (euhedra <0.1 mm).

In the groundmass, seriate-textured alkali feldspar crystals (albite and/or Kspar?) mostly <0.35 mm long with random orientations are partly altered to sericite (randomly oriented subhedral flakes mainly <25, but locally to 50 μm) and set in interstitial sub-micrographic Kspar/quartz (?) based on the yellow stain on the sides of the offcut and the argument presented above. Minute flakes of chlorite and traces of rutile suggest the original presence of small mafics.

The well-developed stockwork, forming up to ~5% of the sample, consists of randomly oriented, generally planar veinlets <0.5 mm thick filled with carbonate (elongated sub/anhedra to 2 mm long, central clear calcite/minor selvages of higher-relief dolomite?), pyrite (semi-continuous aggregates to ~2 mm long of euhedral cubic crystals mainly <0.35 mm), local chlorite (sub/euhedral flakes to 0.1 mm with pale green pleochroism/length-slow birefringence suggestive of F:M 0.6?), quartz (sub/anhedra up to 0.25 mm long) and traces of rutile (aggregates <0.1 mm of dark brown sub- to euhedra <45 μm). No base metal sulfides were observed.

In summary, this appears to be plagioclase-quartz-relict mafic sub-phyric latite (?), strongly altered to albite-Kspar?-sericite-chlorite (after secondary biotite?)-pyrite ±rutile associated with stockwork veinlets of carbonate-pyrite-chlorite-quartz.

S-22 S-05: QUARTZ MICRODIORITE (?) WITH PLAGIOCLASE ALTERED TO SERICITE (AND ALBITE?), INTERSTITIAL MAFICS TO CHLORITE/HYDROBIOTITE-CARBONATE ±RUTILE-PYRITE, AND MINOR PRIMARY QUARTZ, CUT BY VEINS OF CARBONATE-QUARTZ-MINOR ALBITE-LOCAL SERICITE, HAIRLINE VEINLETS OF PYRITE OXIDIZED TO LIMONITE

Hand specimen shows fine-grained, very pale greenish-grey, altered intermediate volcanic or hypabyssal rock, cut by prominent white carbonate veins/veinlets (local minor pyrite hairline veinlets). The rock is not magnetic, partly scratched by steel, shows local rapid reaction to cold dilute HCl (mainly in the veins/veinlets), and no yellow stain for K-feldspar (but extensive white etch for plagioclase) in the etched offcut. Modal mineralogy in polished thin section is approximately:

Plagioclase (sericitized, albitized; secondary in veinlets)	35%
Quartz (minor primary interstitial; mostly secondary, veinlets)	20%
Sericite (after plagioclase)	20%
Carbonate (mainly in veins/veinlets, calcite; minor relict mafics, dolomite?)	15%
Chlorite/"hydrobiotite" (relict mafic sites, with rutile)	7-8%
Pyrite (hairline veinlets, rare relict mafic sites)	1-2%
Rutile (relict mafic sites)	<1%

This sample consists of small, randomly oriented, ragged/corroded (sericitized, albitized?) plagioclase crystals plus lesser poorly defined interstitial mafic relics (altered to chlorite/hydrobiotite, carbonate, rutile, trace local pyrite) and minor quartz, cut by hairline pyrite veinlets and possibly later major carbonate-lesser quartz-rare albite-local sericite veins/veinlets.

Relict plagioclase forms irregular, poorly defined sub/anhedral crystals mostly <0.5 mm with random orientations, commonly up to 40% replaced by sericite as matted, randomly oriented subhedral flakes mostly <25, but locally up to 50 µm. The remnant plagioclase only rarely retains twinning (mainly where it occurs in the veins/veinlets, where extinction Y^010 to 13º, and relief apparently negative compared to quartz, suggests albitic composition in the An_{5-10} range).

Relict mafic sites are better seen in hand specimen (small ragged greenish areas interstitial to plagioclase) but are very poorly defined in thin section (ragged aggregates mostly <0.35 mm of pale brownish chlorite/hydrobiotite (subhedral flakes <25 µm; no obvious pleochroism; could be after secondary biotite?), carbonate (anhedra <0.2 mm, could be calcite or dolomite?) plus accessory rutile (dark brown subhedra mainly <15 µm) and/or rare pyrite (cubic euhedra <45 µm).

Possibly primary quartz occurs as small ragged aggregates mainly <0.35 mm of sub/anhedra <0.15 mm that are generally difficult to distinguish from secondary quartz occurring as disconnected aggregates along poorly defined microveinlets.

Carbonate is concentrated in the major (planar but tapering, 3-7 mm thick) vein and in smaller veinlets mostly <1 mm thick. In the former, it occurs as interlocking, randomly oriented subhedra up to about 1.5 mm in diameter. In the latter, it forms sub/anhedra mainly <0.5 mm; both are likely mostly calcite to judge by the reaction to HCl in hand specimen. Quartz occurring in the former occurs only as thin selvages <0.25 mm thick where it is very fine-grained (randomly oriented anhedra <30 µm), but in the latter it occurs as sub/euhedral crystals up to 0.3 mm long, mainly along the selvages surrounding a central carbonate zone. Albite crystals are subhedral, <0.25 mm long. In places, the quartz-carbonate veinlets (not the major carbonate veins) also contain sericite (matted subhedral flakes as described for plagioclase).

Pyrite (aggregates to several mm of cubic euhedra <0.15 mm) is concentrated in hairline veinlets mostly <0.25 mm thick that appear to be cut/offset by the carbonate veinlets. The pyrite shows incipient oxidation to traces of dark red-brown limonite.

In summary, this appears to be quartz microdiorite (?) with plagioclase altered to sericite (and albite?), interstitial mafics to chlorite/hydrobiotite-carbonate ±rutile-pyrite, and minor primary quartz, cut by veins of carbonate-quartz-minor albite-local sericite, hairline veinlets of pyrite oxidized to limonite.

S-22 S-06: PLAGIOCLASE-QUARTZ-RELICT MAFIC APHYRIC LATITE (?), ALTERED TO ALBITE-KSPAR?-SERICITE-CHLORITE (AFTER SECONDARY BIOTITE?)-PYRITE ±RUTILE STOCKWORK VEINLETS OF LIMONITE (AFTER PYRITE?)-CHLORITE-SERICITE

Hand specimen shows highly fractured, rusty, very fine-grained, buff-white, highly siliceous (altered?) rock of uncertain derivation, cut by a network of hairline limonite (after sulfide?) fracture veinlets. The rock is unscratched by steel, not magnetic, shows no reaction to cold dilute HCl, and prominent yellow stain for K-feldspar in the etched offcut (mainly on the sides of the block; for some reason the face of the block does not show the yellow stain, mostly etching white for plagioclase except along fractures). Modal mineralogy in polished thin section is approximately:

Alkali feldspar (sub-phyric/groundmass albite, partly replaced by Kspar?)	40%
(Kspar, groundmass/on fractures, partly/largely secondary?)	35%
Quartz (primary groundmass; no obvious secondary)	10%
Sericite (after feldspars, relict mafics, along fractures)	7%
Chlorite (limonite stained, or could be after secondary biotite?)	5%
Limonite (mainly along hairline veinlets, with chlorite, sericite)	3%
Rutile (traces in relict mafic sites, with limonite)	<1%

This sample is similar to 04: fine-grained and strongly altered, but appears to consist of seriate/sub-phyric plagioclase and lesser possible relict mafic sites and quartz grading to groundmass of alkali feldspar-quartz?-sericite ±chlorite, cut by thin veinlets of limonite (after pyrite?) ±chlorite-sericite.

Weakly seriate-textured plagioclase is mostly <0.5, rarely to 0.75 mm in diameter, with tabular euhedral outlines partly obscured by shattering and alteration. Lack of twinning, negative relief against quartz, and the general level of alteration all argue for an albitic composition (likely secondary) where not replaced by secondary Kspar from which it is difficult to distinguish due to lack of relief difference. Most of the seriate-textured alkali feldspar is variably affected by sericite (especially at margins, adjacent to finer feldspar that is more strongly sericitized).

Minor quartz (not obviously seriate) forms subhedral crystals mainly <0.25 mm that generally show only mild strain (mostly lack undulose extinction, sub-grain development, or suturing of grain boundaries). The micrographic intergrowths of quartz with alkali feldspar in the groundmass, seen in sample 04, are not developed in this sample, although otherwise the overall textures are very similar, suggestive of consanguineous origin for the two samples.

Possible relict mafic sites have smaller, ragged outlines mainly <0.25 mm that consist of variable mixtures of chlorite (subhedral flakes mostly <50 μm, generally pale green but in places with brownish tints suggestive of former secondary biotite, or could be merely limonite-stained?), sericite (similar sized but colourless subhedral flakes), and accessory rutile (dark brown subhedra mainly <15 μm) or local limonite (possibly after former pyrite; subhedral outlines <0.1 mm).

Interstitial to the seriate-textured albite, smaller alkali feldspar crystals (albite and/or Kspar?) mostly <0.25 mm long with random orientations are partly altered to sericite (randomly oriented subhedral flakes mainly <20, but locally to 40 μm). The probably partly/largely secondary Kspar inferred from the yellow stain on the sides of the offcut is not easy to identify or quantify in thin section; hence the modal estimates above are based on the sides of the etched offcut. Sericite is commonly partly to locally largely controlled along microfractures.

The well-developed fracture/veinlet stockwork, forming up to ~10% of the sample, consists of randomly oriented, generally planar but somewhat diffuse veinlets <0.5 mm thick filled with limonite (aggregates to 2 mm long, moderate reflectance/dark brown colour, after pyrite?) that is locally strongly plucked out to leave similar-sized voids, local chlorite (sub/euhedral flakes to 0.4 mm with strong green pleochroism/length-slow birefringence suggestive of F:M 0.8?), or sericite as described above. Chlorite is locally strongly stained by/intergrown with limonite, and limonite also spreads out into and stains adjacent rock.

In summary, this appears to be plagioclase-quartz-relict mafic aphyric latite (?), strongly altered to albite-Kspar?-sericite-chlorite (after secondary biotite?)-pyrite ±rutile associated with stockwork veinlets of limonite (after pyrite?)-chlorite-sericite.

S-22 S-07: MAJOR QUARTZ VEIN: MINOR PYRRHOTITE AND CHALCOPYRITE (PARTLY OXIDIZED TO PITCH LIMONITE) ARE CLOSELY ASSOCIATED WITH PATCHES OF HIGHLY ALTERED RELICT WALLROCK (NOW FE CARBONATE-SERICITE-CHLORITE-EPIDOTE-LOCAL AMPHIBOLE-SPHENE ±RUTILE), AND PARTLY DRUSY VUGS

Hand specimen shows rusty, limonite stained grey/greenish quartz vein with minor drusy vugs part filled with limonite (after sulfides, some of which remain where protected from oxidation; pyrite, pyrrhotite, chalcopyrite?). The rock is weakly magnetic, shows no reaction to cold dilute HCl, and no significant yellow stain for K-feldspar (local faint yellow stain could be for K-mica?) in the etched offcut. Modal mineralogy in polished thin section is approximately:

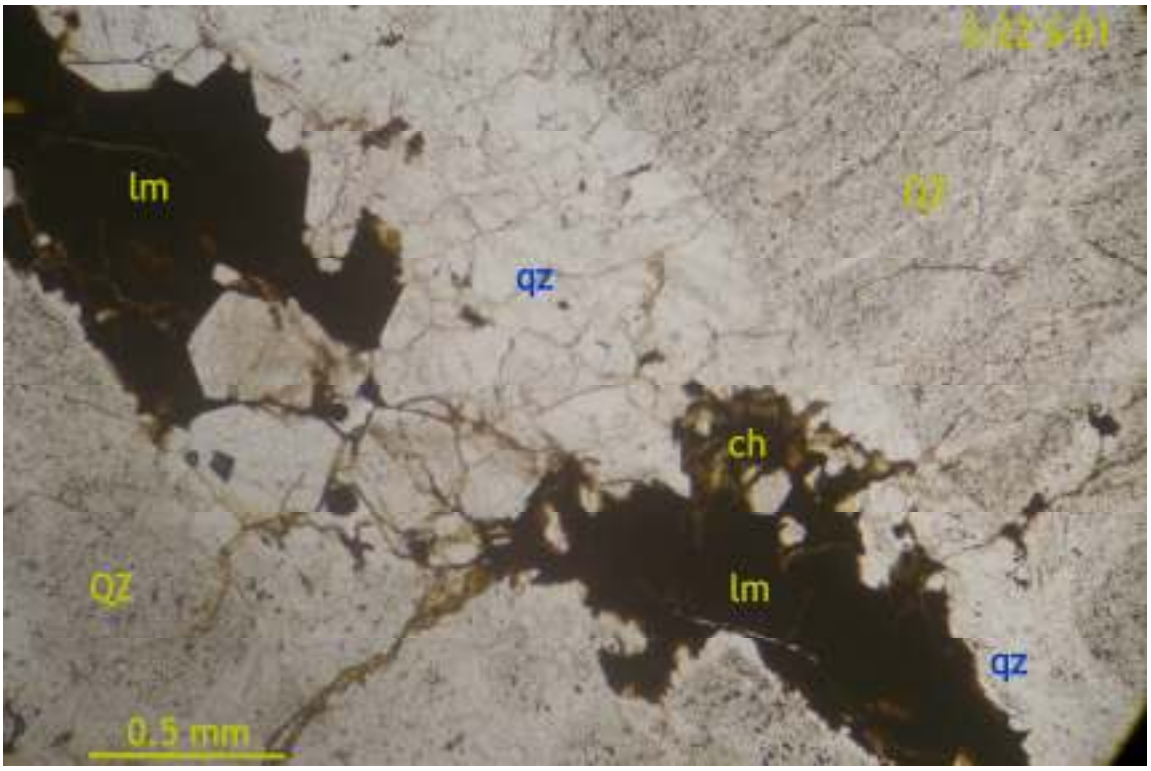
Quartz (secondary vein, early cloudy, late clear)	85%
Fe-carbonate (associated with sulfides; ankerite or siderite?)	5%
Sericite (associated with carbonate, chlorite, epidote)	3%
Chlorite (mixed with carbonate, epidote, sulfides)	2%
Epidote-group (clinozoisite, zoisite?)	2%
Voids (vugs and/or plucked areas)	1%
Amphibole (tremolite-actinolite?), mixed with epidote-group mineral	<1%
Pyrrhotite (trace chalcopyrite inclusions, slightly oxidized at margins to limonite)	<1%
Chalcopyrite (slightly oxidized to limonite)	<1%
Limonite (partly pitch limonite?), mostly after chalcopyrite	<1%
Sphene/trace rutile (in relict wallrock patches)	<1%

This sample consists almost entirely of quartz, with local partly drusy vugs (see hand specimen) closely associated with patches of highly altered relict wallrock (Fe carbonate-sericite-chlorite-epidote or local amphibole-accessory sphene ±rutile) and sulfides, partly oxidized to "pitch" limonite.

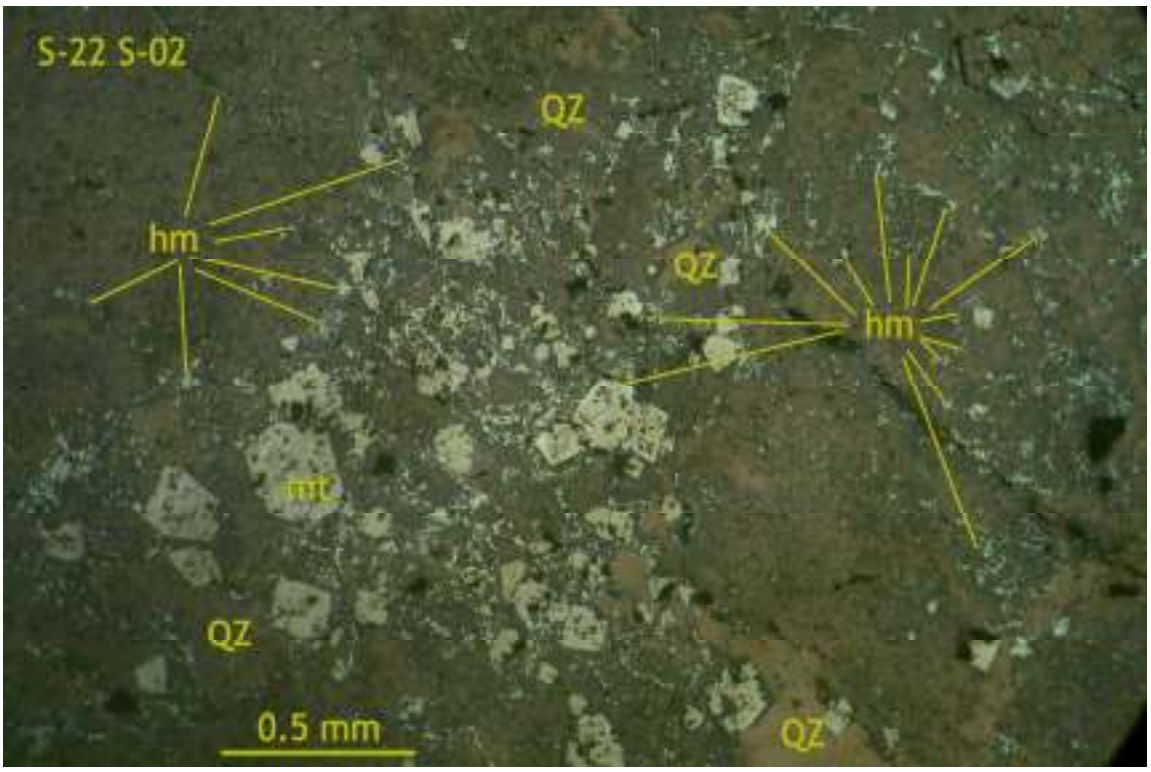
Quartz forming the bulk of the section is entirely secondary, of multiple generations and generally highly strained and/or finely recrystallized, with poorly defined local zones of relatively clear quartz that cut through the patches of relict wallrock and slightly oxidized sulfides-accessory sphene/rutile. The earliest quartz is partly clouded by fluid inclusions and forms randomly oriented, coarse, subhedral crystals that may be up to as much as 3 mm in diameter but are typically strongly strained (show undulose extinction, sub-grain development, and suturing of grain boundaries) and segmented into progressively smaller and smaller sub-domains ranging from 0.25 mm down to 50 μm as recrystallization increases, the latter associated with the areas of relict wallrock. Fluid inclusions in quartz are mostly <10 μm, with V/L ratios around 15%, and lack zonal patterns (could be primary or pseudosecondary?) but are not distributed along obvious fractures so not secondary.

Patches of relict wallrock have irregular outlines up to about 1 cm long, composed of variable mixtures of Fe carbonate (interlocking subhedra mainly <0.5 mm, could be ankerite or siderite to judge by lack of reaction to HCl in hand specimen?), sericite (matted/randomly oriented subhedral flakes mostly <50 μm but where coarser, to 0.1 mm, difficult to distinguish from similar-sized, subhedral to rarely acicular euhedral, colourless amphibole with small extinction angle to ~15º, likely tremolite?), chlorite (matted randomly oriented subhedral flakes mostly <0.12 mm with pale green colour/length-slow weak anomalous blue birefringence suggestive of F:M 0.5-0.6?) and epidote-group mineral (subhedra to 0.25 mm with normal interference colours, possibly clinozoisite, or <35 μm with near-zero birefringence, could be zoisite?) plus accessory sphene (ragged subhedra <0.2 mm with minute dark brown rutile inclusions <20 μm). Sulfides in aggregates <2 mm across include pyrrhotite (subhedra <0.5 mm), locally with inclusions around the margins, or associated with, chalcopyrite as sub/anhedra <0.3 mm, partly oxidized to relatively coarsely crystalline, deep red-brown "pitch" limonite. Voids (partly due to plucking during section preparation) or locally partly drusy vugs mostly <2 mm in size are loosely associated with the relict wallrock patches/sulfides.

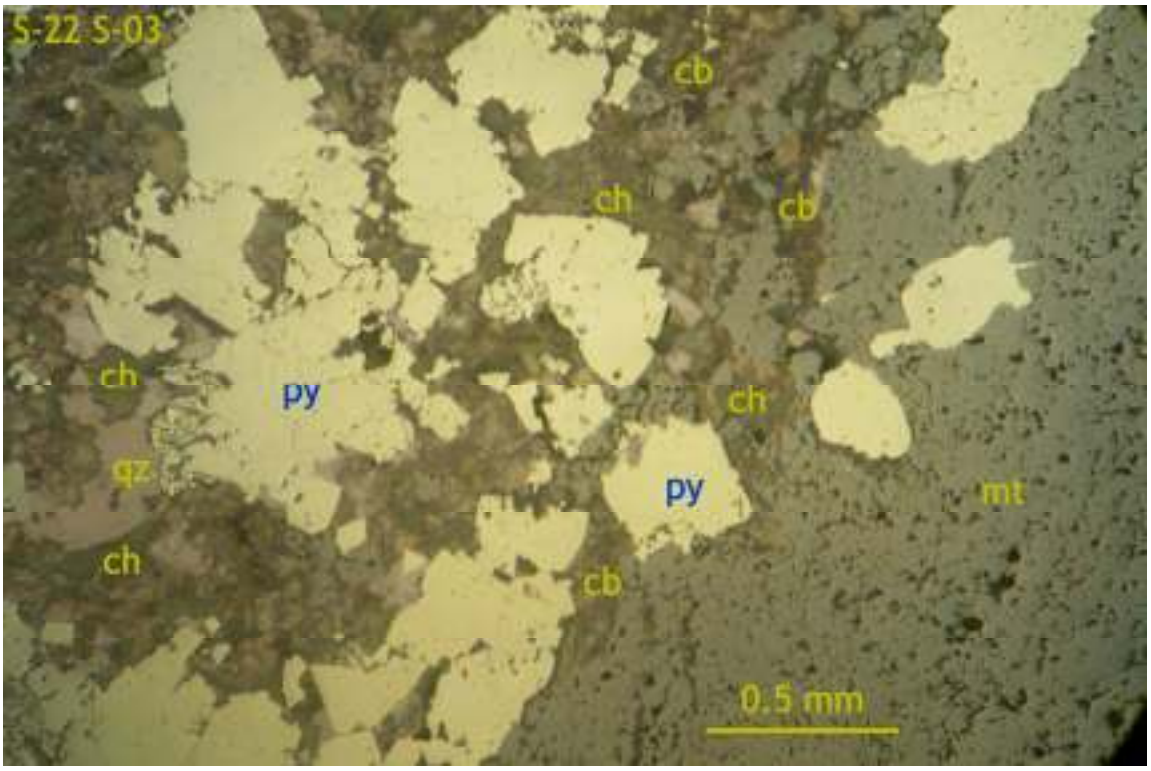
In summary, this is a major quartz vein in which minor pyrrhotite and chalcopyrite (partly oxidized to pitch limonite) are closely associated with patches of highly altered relict wallrock (now Fe carbonate-sericite-chlorite-epidote-local amphibole-sphene ±rutile), and partly drusy vugs.



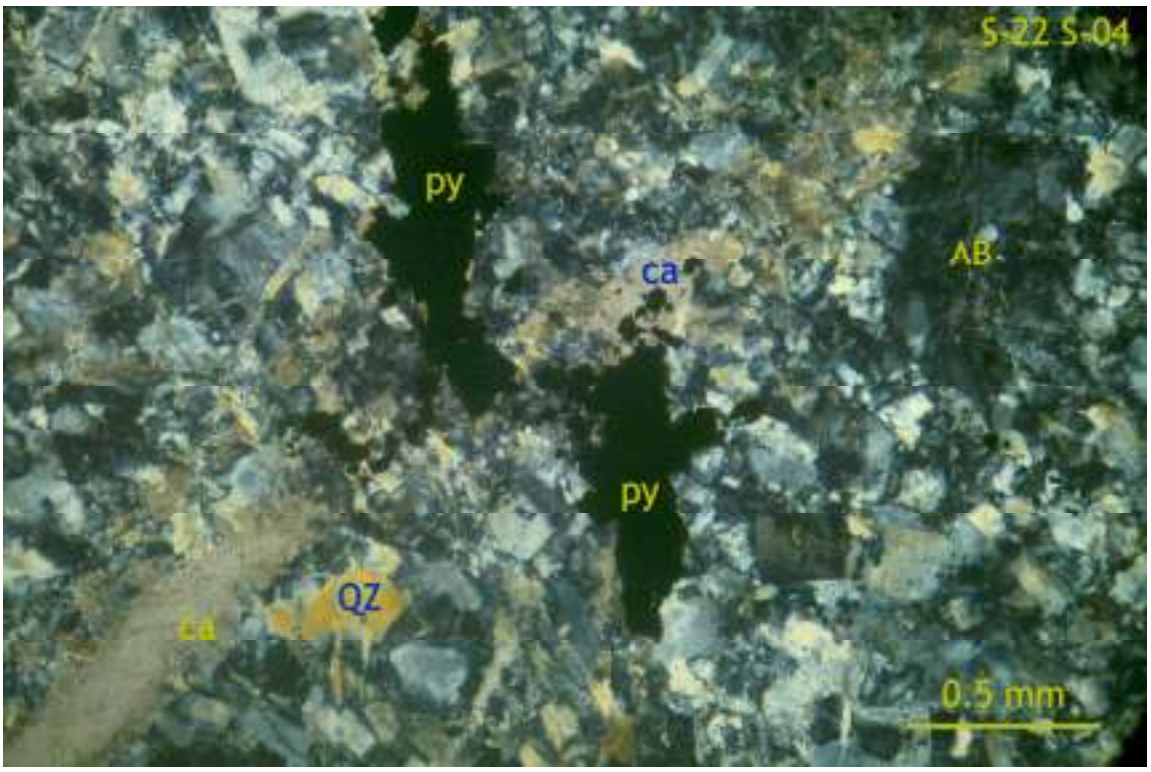
S-22 S-01: coarse-grained, cloudy early quartz vein (QZ) cut by later generation of relatively clear, finer-grained quartz (qz) associated with limonite (opaque, lm) and pale olive-green chlorite (ch). Transmitted plane light, field of view ~3 mm wide.



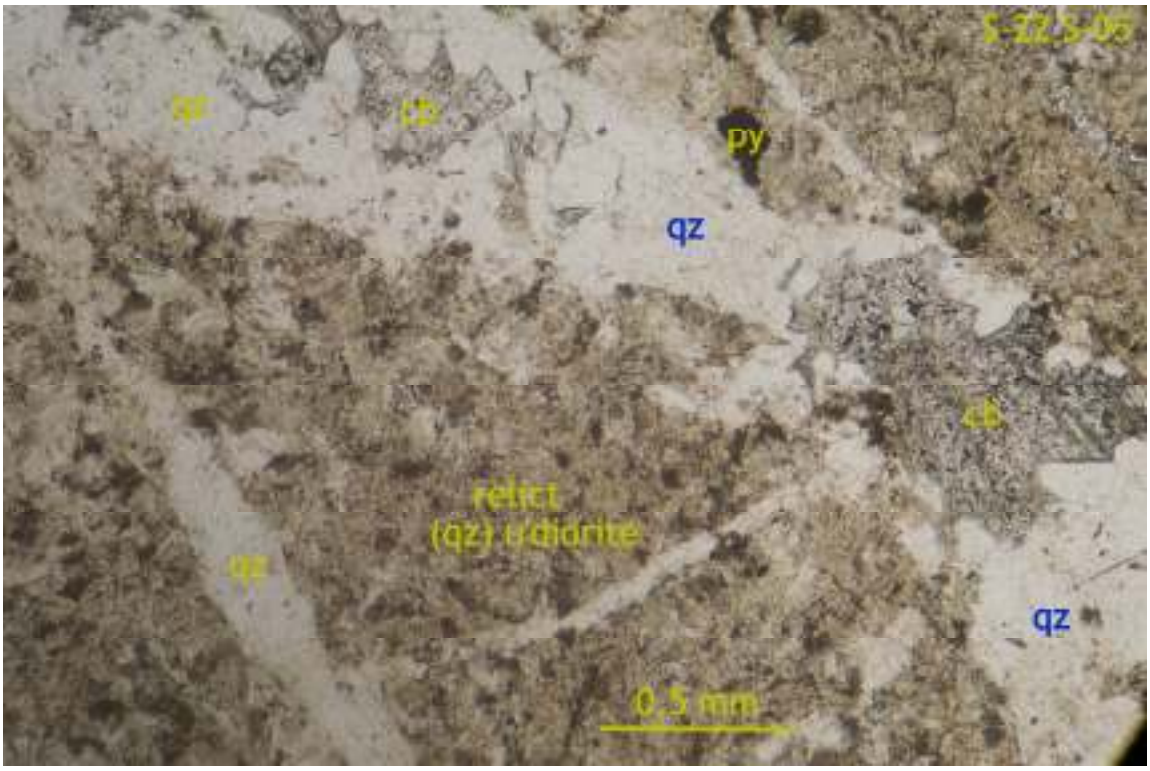
S-22 S-02: secondary magnetite (mt) controlled along irregular network of quartz (QZ) veinlets cutting finer-grained, also mostly secondary, quartz in which boundaries of former larger (possibly originally detrital?) grains are partly outlined by fine-grained specular hematite (hm). Reflected/partly transmitted light, uncrossed polars, field of view ~3 mm wide.



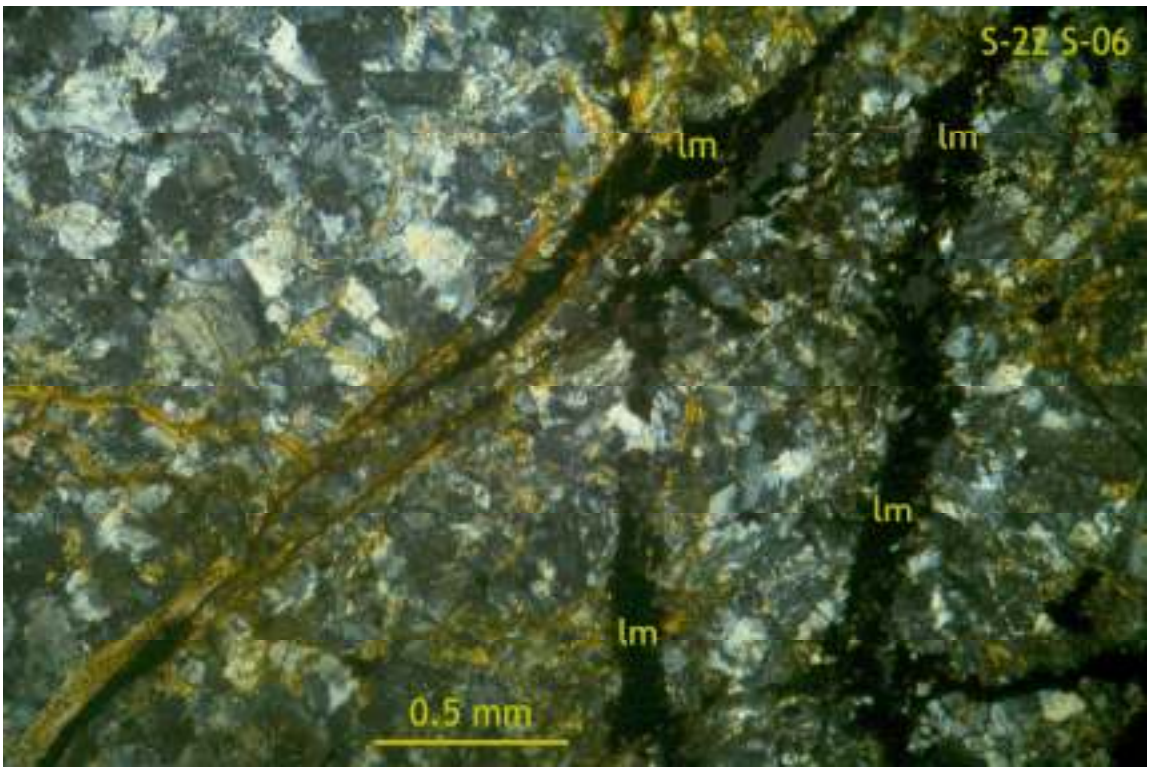
S-22 S-03: margin of vein composed of central, fine-grained massive magnetite (mt) with well developed envelopes of coarse pyrite (py) and interstitial secondary quartz-lesser chlorite-minor carbonate. Reflected/partly transmitted light, uncrossed polars, field of view ~3 mm wide.



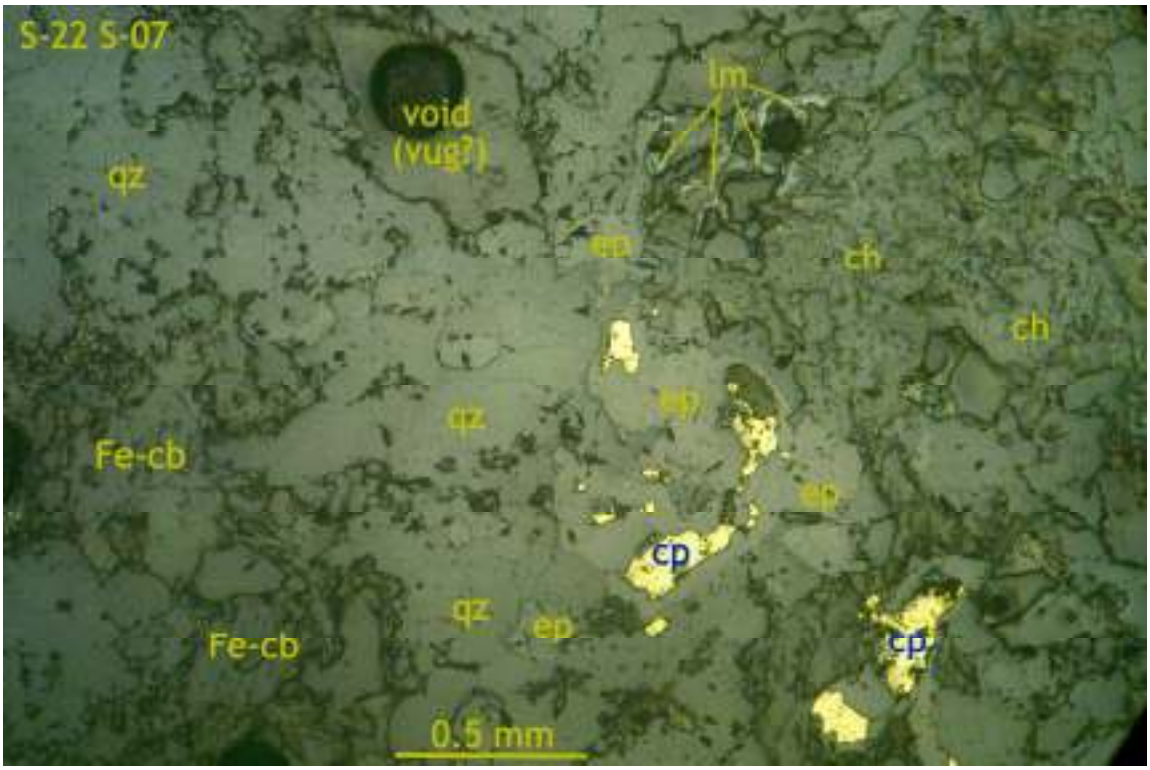
S-22 S-04: possible latite composed of sub-phyric/seriate textured albite (AB) and quartz (QZ) in groundmass of alkali feldspar (albite, Kspar, the latter partly secondary?), minute sericite and chlorite, cut by veinlets of pyrite (opaque, py) and slightly later calcite (ca). Transmitted light, crossed polars, field of view ~3 mm wide.



S-22 S-05: veins/veinlets of quartz (qz) and central carbonate (cb) cutting possible (quartz) microdiorite composed of plagioclase altered to albite-sericite, with poorly defined interstitial mafic relics altered to carbonate-chlorite/hydrobiotite-trace rutile-rare pyrite (py, opaque) and minor quartz. Transmitted plane light, field of view ~3 mm wide.



S-22 S-06: possible latite composed of fine-grained, somewhat seriate-textured, albitized and/or Kspar altered plagioclase, minor interstitial quartz, cut by well-developed stockwork of limonite (lm, opaque)-sericite-local chlorite fracture veinlets, with limonite staining adjacent rock. Transmitted light, crossed polars, field of view ~3 mm wide.



S-22 S-07: patch of relict wallrock composed of epidote (ep), Fe carbonate (cb) and chlorite (ch), associated with minor chalcopyrite (cp) partly oxidized to "pitch" limonite (lm) and local vugs/voids, set in matrix of variably recrystallized secondary (vein) quartz (qz). Reflected light, uncrossed polars, field of view ~3 mm wide.

Overview of thin sections and offcuts (blue semi-circles mark photomicrograph locations).

APPENDIX VI

SAMPLE NOTES AND DATA

Rock and Petrographic Sample Data

Rock Sample Descriptions - Sognidoro Project, Chemainus BC								
Sample ID	**Easting NAD 83**	**Northing NAD 83**	**Elev (m)**	**Sample Type**	**Lithology**	**Alteration**	**Mineralization**	**Comments**
907437	421478	5422844	614	grab	vein	fe ox	malachite, azurite	30x30 grab of angular float. Sognidoro area.
907438	421482	5422853	617	grab	vein	fe ox	malachite, azurite	35x30x20cm angular subcrop next to 2m wide bull qtz vein.
907439	421392	5422892	612	grab	vein	5% qtz veinlets	disseminated sulphides	Grab of angular red jasper float from raodcut. Highly magnetic
907440	421406	5422892	610	grab	vein	fe ox	20% pyrite	Grab of angular red jasper float from raodcut. Highly magnetic
907441	420412	5420590	481	chip	chert	quartz/limonite	1% pyrite as disseminations	40 cm chip of cherty quartz in fault zone at Sognidoro west showing. 10% py as dissemination. Non-magnetic. 078/verticle
907442	420432	5420609	488	chip	chert	quartz	5% pyrite as disseminations	70 cm chip across fault in chert at Sognidoro west. 5% pyrite as disseminations. Non-magnetic.
907443	420303	5423416	681	chip	Black chert	qtz veinlets/limonite	1% pyrite as disseminations	Grab of limonite stained volcanics. 1% disseminated pyrite in sheets. Non-magnetic. Sognidoro gossan area
907444	420276	5422523	652	grab	felsic dyke	manganese in fractures	1% pyrite as disseminations	Grab of angular subcrop from blast pit. Qtz breccia w/1% pyrite and manganese in fractures. 045/030 - 050 variable.
907445	419922	5418733	677	grab	vein	chlorite infilling	2% pyrite fracture filling	20 cm chip of qtz vein with 2% pyrite as disseminations and in fractures. Limonite staining. Chlorite infilling.
907446	419839	5418720	706	chip	vein	qtz flooding	3% pyrite disseminated in fractures	20 cm chip of in situe vein. 2% pyrite as disseminations and in fractures. 142/045W.
907447	419807	5418548	772	chip	vein	limonite	5% pyrite as disseminations	10 cm chip of sulphide vein in volcanics. Mainly pyrite.
907448	419906	5418388	746	grab	vein	limonite coatings	5% pyrite infilling, trace chalco	Grab of 40x30x20cm angular sub-crop. Qtz vein with vugs and limonite staining, blades of qtz on surface. 5% pyrite as disseminations and smears. P-07.
907449	420003	5418481	711	chip	vein	glassy quartz	2% pyrite as clots and blebs	30 cm chip of in situe qtz vein. 2% pyrite in clots and blebs. Limonite coatings. 090/verticle.
907450	420867	5421686	519	chip	vein	limonite	minor pyrite	10 cm chip of limonite stained banded quartz vein. Minor pyrite. Sub-parallel fractures. 140/verticle.
907451	420360	5421427	517	chip	vein	micro qtz veinlets	0.3% pyrite banded and disseminations	20 cm chip across volcanic sediments with minor qtz veining and 2% pyrite as blebs and disseminations.
906826	420809	5422076	670	chip	vein	limonite	trace pyrite	70 cm chip of gossonous vein system.
906827	420809	5422076	670	chip	vein	limonite	trace pyrite	10 cm chip of qtz vein 190/060E.

Petrographic Samples								
Sample ID	**Easting NAD 83**	**Northing NAD 83**	**Elev (m)**	**RS ID**				
P-01	421478	5422844	614	907437				
P-02	421392	5422892	612	907438				
P-03	421406	5422892	610	907439				
P-04	420432	5420609	488	907442				
P-05	420412	5420590	481	907441				
P-06	420276	5422523	652	907444				
P-07	419906	5418388	746	907448				

Revenant Resources Corp. May - June 2022						
S-22 Sognidoro - Soil Sample Descriptions						
Easting	Northing	Altitude (m)	Depth	Colour	Soil	Comments
20400	21500	539	35	Brown	Gravel	
20400	21550	536	30	Brown	Gravel	
20400	21600	543	30	Brown	Sand	
20400	21650	550	30	Brown	Soil	
20400	21700	555	30	Brown	Soil	
20400	21750	553	30	Brown	Sand	
20400	21800	555	30	Brown	Gravel	
20400	21850	549	25	Brown	Soil	
20400	21900	561	30	Brown	Soil	
20400	21950	571	30	Brown	Gravel	
20400	22000	602	25	Brown	Gravel	
20400	22050	625	30	Brown	Soil	
20400	22100	613	30	Brown	Rocky	
20400	22150	651	30	Brown	Gravel	
20400	22200	659	35	Brown	Gravel	
20400	22250	667	15	Brown	Rocky	
20400	22300	662	35	Brown	Soil	
20400	22350	661	35	Brown	Gravel	
20400	22400	653	30	Brown	Soil	22380N
20400	22450	648	35	Brown	Soil	25m East
20400	22500	651	25	Brown	Soil	40m East, Creek
Total Samples						
20500	21500	513	35	Brown	Soil	
20500	21550	519	35	Brown	Sandy	
20500	21600	522	30	Brown	Soil	
20500	21650	533	35	Brown	Soil	
20500	21700	543	35	Brown	Soil	
20500	21750	544	35	Brown	Soil	
20500	21800	542	35	Brown	Soil	
20500	21850	549	35	Brown	Soil	
20500	21900	569	30	Brown	Soil	
20500	21950	599	25	Brown	Talus	
20500	22000	621	35	Brown	Soil	
20500	22050	638	30	Brown	Soil	
20500	22100	647	30	Brown	Soil	
20500	22150	665	35	Brown	Rocky	
20500	22200	673	35	Brown	Soil	
20500	22250	675	30	Brown	Rocky	
20500	22300	660	35	Brown	Soil	8m South, Road
20500	22350	664	35	Brown	Soil	
20500	22400	674	35	Brown	Rocky	

20500	22450	668	30	Brown	Soil	
20500	22500	669	30	Brown	Rocky	
Total Samples						
20600	21500	494	35	Brown	Soil	
20600	21550	496	30	Brown	Soil	
20600	21600	499	30	Brown	Soil	
20600	21650	500	35	Brown	Soil	
20600	21700	505	40	Brown	Soil	
20600	21750	511	45	Brown	Soil	
20600	21800	517	40	Brown	Soil	
20600	21850	531	35	Brown	Soil	
20600	21900	551	30	Brown	Soil	
20600	21950	560	25	Brown	Soil	
20600	22000	583	25	Brown	Soil	
20600	22050	654	25	Brown	Soil	
20600	22100	666	25	Brown	Soil	
20600	22150	663	30	Brown	Soil	
20600	22200	678	25	Brown	Soil	
20600	22250	675	25	Brown	Soil	
20600	22300	687	25	Brown	Soil	
20600	22350	695	30	Brown	Soil	
20600	22400	699	25	Brown	Soil	
20600	22450	693	40	Brown	Soil	
20600	22500	696	30	Brown	Soil	
Total Samples						
20700	21500	476	30	Brown	Soil	
20700	21550	482	30	Brown	Soil	
20700	21600	489	35	Brown	Soil	
20700	21650	505	35	Brown	Soil	
20700	21700	520	35	Brown	Soil	
20700	21750	532	35	Brown	Soil	
20700	21800	563	30	Brown	Soil	
20700	21850	583	30	Brown	Soil	
20700	21900	600	35	Brown	Soil	
20700	21950	618	30	Brown	Talus	
20700	22000	635	45	Brown	Talus	
20700	22050	658	20	Brown	Soil	Out Crop
20700	22100	674	25	Brown	Soil	
20700	22150	672	25	Brown	Soil	
20700	22200	677	30	Brown	Soil	
20700	22250	678	35	Brown	Soil	
20700	22300	685	30	Brown	Gravel	
20700	22350	699	30	Brown	Gravel	
20700	22400	710	35	Brown	Soil	
20700	22450	701	30	Brown	Soil	

20700	22500	710	30	Brown	Soil	
20700	22550	710	30	Brown	Soil	
20700	22600	711	35	Brown	Soil	
20700	22650	728	30	Brown	Soil	
20700	22700	729	25	Brown	Gravel	
Total Samples						
20800	21600	506	30	Brown	Soil	
20800	21650	516	35	Brown	Soil	
20800	21700	528	20	Brown	Soil	
20800	21750	554	20	Brown	Soil	
20800	21800	587	20	Brown	Soil	
20800	21850	620	20	Brown	Soil	
20800	21900	640	25	Brown	Soil	
20800	21950	657	20	Brown	Soil	
20800	22000	658	20	Brown	Soil	
20800	22050	665	25	Brown	Soil	
20800	22100	675	20	Brown	Soil	
20800	22150	674	25	Brown	Soil	
20800	22200	679	20	Brown	Soil	
20800	22250	693	25	Brown	Soil	
20800	22300	700	25	Brown	Soil	
20800	22350	704	25	Brown	Soil	
20800	22400	708	30	Brown	Soil	
20800	22450	702	25	Brown	Soil	
20800	22500	701	25	Brown	Soil	
20800	22550	701	30	Brown	Soil	
20800	22600	693	25	Brown	Soil	
20800	22650	684	20	Brown	Soil	
20800	22700	700	15	Brown	Rocky	
Total Samples						
20900	21600	509	30	Brown	Soil	
20900	21650	530	30	Brown	Rocky	
20900	21700	560	30	Brown	Soil	
20900	21750	579	35	Brown	Soil	
20900	21800	580	30	Brown	Soil	Out Crop
20900	21850	582	35	Brown	Talus	20m East, Cliff
20900	21900	600	20	Brown	Talus	25m East, Cliff
20900	21950	NS	NS	NS	NS	Cliff
20900	22000	NS	NS	NS	NS	Cliff
20900	22050	632	35	Brown	Talus	20m East, Cliff
20900	22100	647	30	Brown	Talus	
20900	22150	643	35	Brown	Soil	
20900	22200	639	35	Brown	Soil	
20900	22250	644	35	Brown	Soil	
20900	22300	645	35	Brown	Soil	

20900	22350	647	35	Brown	Soil	
20900	22400	641	30	Brown	Soil	
20900	22450	640	45	Brown	Soil	
20900	22500	644	40	Brown	Talus	
20900	22550	643	35	Brown	Soil	
20900	22600	647	35	Brown	Soil	
20900	22650	653	35	Brown	Talus	
20900	22700	671	35	Brown	Talus	
Total samples						
21000	21600	491	30	Brown	Rocky	
21000	21650	509	30	Brown	Soil	
21000	21700	529	30	Brown	Soil	
21000	21750	537	35	Brown	Soil	
21000	21800	545	30	Brown	Rocky	
21000	21850	552	35	Brown	Rocky	
21000	21900	606	20	Brown	Talus	
21000	21950	616	25	Brown	Talus	
21000	22000	617	20	Brown	Talus	
21000	22050	585	25	Brown	Soil	
21000	22100	584	20	Brown	Soil	
21000	22150	572	25	Brown	Soil	
21000	22200	574	25	Brown	Soil	
21000	22250	577	30	Brown	Soil	
21000	22300	576	25	Brown	Soil	
21000	22350	524	30	Brown	Soil	
21000	22400	580	25	Brown	Soil	
21000	22450	590	30	Brown	Sand	
21000	22500	580	25	Brown	Sand	
21000	22550	579	20	Brown	Soil	
21000	22600	584	25	Brown	Soil	
21000	22650	604	30	Brown	Soil	
21000	22700	604	20	Brown	Soil	
21000	22750	628	15	Brown	Soil	
21000	22800	647	20	Brown	Soil	
21000	22850	NS	NS	NS	NS	No Sample
21000	22900	NS	NS	NS	NS	No Sample
Total Samples						
Northing	Easting	Altitude (m)	Depth	Colour	Soil	Comments
21100	21600	483	35	Brown	Soil	10m North, Creek
21100	21650	493	30	Brown	Soil	
21100	21700	501	25	Brown	Soil	
21100	21750	496	35	Brown	Soil	
21100	21800	490	30	Brown	Soil	
21100	21850	498	30	Brown	Soil	
21100	21900	698	35	Brown	Sand	

21100	21950	686	35	Brown	Sand	
21100	22000	644	35	Brown	Sand	
21100	22050	616	35	Brown	Sand	
21100	22100	595	35	Brown	Sand	
21100	22150	570	30	Brown	Gravel	22m East
21100	22200	569	35	Brown	Gravel	
21100	22250	568	35	Brown	Soil	
21100	22300	560	40	Brown	Sandy	
21100	22350	552	35	Brown	Sandy	
21100	22400	554	35	Brown	Sandy	
21100	22450	550	30	Brown	Sandy	
21100	22500	549	30	Brown	Sandy	
21100	22550	537	30	Brown	Sandy	
21100	22600	527	25	Brown	Gravel	
21100	22650	515	30	Brown	Gravel	8m East
21100	22700	513	30	Brown	Gravel	
21100	22750	509	25	Brown	Gravel	
21100	22800	508	20	Brown	Gravel	
21100	22850	498	25	Brown	Gravel	
21100	22900	486	25	Brown	Sandy	
Total Samples						
Easting	Northing	Altitude (m)	Depth	Colour		Comments
21200	21600	520	35	Brown	Soil	
21200	21650	519	30	Brown	Soil	
21200	21700	523	35	Brown	Soil	
21200	21750	518	35	Brown	Soil	
21200	21800	535	35	Brown	Soil	
21200	21850	534	30	Brown	Soil	
21200	21900	488	35	Brown	Sand	
21200	21950	489	35	Brown	Sand/Gravel	
21200	22000	491	35	Brown	Sand/Gravel	
21200	22050	497	35	Brown	Soil	
21200	22100	499	35	Brown	Soil	
21200	22150	501	40	Brown	Soil	
21200	22200	507	35	Brown	Soil	
21200	22250	516	35	Brown	Soil	
21200	22300	519	35	Brown	Gravel	
21200	22350	529	30	Brown	Gravel	
21200	22400	530	35	Brown	Gravel	
21200	22450	537	35	Brown	Sand/Gravel	
21200	22500	540	35	Brown	Sand/Gravel	
21200	22550	542	40	Brown	Gravel	
21200	22600	549	40	Brown	Gravel	
21200	22650	572	40	Brown	Gravel	
21200	22700	592	35	Brown	Gravel	
21200	22750	613	35	Brown	Gravel	

21200	22800	635	35	Brown	Rocky	
21200	22850	649	35	Brown	Rocky	
21200	22900	665	30	Brown	Soil	
Total Samples						
Easting	Northing	Altitude (m)	Depth	Colour		Comments
21300	21600	541	25	Brown	Soil	
21300	21650	548	35	Brown	Soil	
21300	21700	523	35	Brown	Gravel	
21300	21750	570	30	Brown	Soil	
21300	21800	564	30	Brown	Soil	
21300	21850	562	30	Brown	Soil	
21300	21900	35	30	Brown	Sand	
21300	21950	30	25	Brown	Soil	
21300	22000	30	30	Brown	Soil	13m West
21300	22050	610	25	Brown	Gravel	10m South
21300	22100	563	30	Brown	Soil	
21300	22150	570	30	Brown	Soil	
21300	22200	566	25	Brown	Sand	
21300	22250	562	25	Brown	Sand	
21300	22300	567	25	Brown	Soil	
21300	22350	555	30	Brown	Soil	
21300	22400	554	35	Brown	Soil	
21300	22450	535	25	Brown	Soil	
21300	22500	530	20	Brown	Soil	
21300	22550	529	35	Brown	Soil	
21300	22600	522	30	Brown	Soil	
21300	22650	538	30	Brown	Soil	
21300	22700	520	25	Brown	Soil	
21300	22750	507	15	Brown	Soil	
21300	22800	510	30	Brown	Gravel	
21300	22850	519	35	Brown	Gravel	
21300	22900	524	35	Brown	Gravel	7m East
Total Samples						
Easting	Northing	Altitude (m)	Depth	Colour	Soil	Comments
21400	21900	603	25	Brown	Soil	
21400	21950	599	20	Brown	Soil	
21400	22000	575	25	Brown	Soil	
21400	22050	576	20	Brown	Soil	
21400	22100	573	15	Brown	Soil	
21400	22150	574	20	Brown	Soil	
21400	22200	573	20	Brown	Soil	
21400	22250	559	15	Brown	Gravel	
21400	22300	570	20	Brown	Soil	
21400	22350	575	20	Brown	Soil	
21400	22400	599	20	Brown	Soil	

21400	22450	611	25	Brown	Soil	
21400	22500	611	30	Brown	Soil	
21400	22550	610	35	Brown	Soil	
21400	22600	609	30	Brown	Soil	
21400	22650	590	20	Brown	Soil	
21400	22700	587	20	Brown	Soil	
21400	22750	588	35	Brown	Soil	
21400	22800	600	30	Brown	Soil	
21400	22850	565	25	Brown	Sand	
21400	22900	612	20	Brown	Sand	
Total Samples						
Easting	Northing	Altitude (m)	Depth	Colour	Soil	Comments
21450	21900	611	30	Brown	Soil	
21450	21950	609	30	Brown	Soil	
21450	22000	610	35	Brown	Soil	
21450	22050	606	25	Brown	Soil	
21450	22100	609	30	Brown	Soil	
21450	22150	602	30	Brown	Soil	
21450	22200	599	30	Brown	Soil	
21450	22250	595	25	Brown	Soil	
21450	22300	625	25	Brown	Soil	
21450	22350	618	30	Brown	Soil	
21450	22400	611	25	Brown	Sand	
21450	22450	619	30	Brown	Soil	
21450	22500	614	30	Brown	Soil	
21450	22550	615	20	Brown	Soil	
21450	22600	621	35	Brown	Soil	
21450	22650	598	30	Brown	Soil	
21450	22700	596	35	Brown	Soil	
21450	22750	587	25	Brown	Soil	
21450	22800	580	30	Brown	Soil	
21450	22850	590	30	Brown	Soil	
21450	22900	638	20	Brown	Soil	
Total Samples						
Easting	Northing	Altitude (m)	Depth	Colour	Soil	Comments
21500	21900	670	35	Brown	Soil	
21500	21950	660	35	Brown	Soil	
21500	22000	650	35	Brown	Soil	
21500	22050	640	20	Brown	Soil	
21500	22100	636	20	Brown	Soil	
21500	22150	625	20	Brown	Soil	
21500	22200	622	15	Brown	Soil	
21500	22250	618	15	Brown	Soil	
21500	22300	630	15	Brown	Soil	
21500	22350	640	20	Brown	Soil	

21500	22400	642	25	Brown	Soil	
21500	22450	650	25	Brown	Soil	
21500	22500	647	25	Brown	Soil	
21500	22550	647	30	Brown	Soil	
21500	22600	643	25	Brown	Soil	
21500	22650	638	30	Brown	Soil	
21500	22700	658	30	Brown	Soil	
21500	22750	689	30	Brown	Soil	
21500	22800	614	25	Brown	Soil	
21500	22850	622	20	Brown	Soil	
21500	22900	673	20	Brown	Soil	
Total Samples						
Easting	Northing	Altitude (m)	Depth	Colour		Comments
21550	22000	690	35	Brown	Talus	20m North, Cliff
21550	22050	680	40	Brown	Talus	
21550	22100	667	35	Brown	Soil	
21550	22150	662	35	Brown	Rocky	
21550	22200	660	35	Brown	Rocky	
21550	22250	661	35	Brown	Rocky	
21550	22300	660	30	Brown	Rocky	
21550	22350	664	35	Brown	Talus	
21550	22400	668	30	Brown	Gravel	
21550	22450	667	35	Brown	Soil	
21550	22500	668	30	Brown	Gravel	
21550	22550	650	30	Brown	Gravel	
21550	22600	639	35	Brown	Soil	
21550	22650	644	30	Brown	Soil	
21550	22700	650	35	Brown	Gravel	
21550	22750	655	35	Brown	Gravel	
21550	22800	657	35	Brown	Soil	
21550	22850	668	30	Brown	Soil	
21550	22900	671	35	Brown	Soil	
Total samples						
Easting	Northing	Altitude (m)	Depth	Colour	Soil	Comments
21600	21900	NS	NS	NS	NS	No Sample, Cliff
21600	21950	722	40	Brown	Talus	25m North, Cliff
21600	22000	716	35	Brown	Soil	
21600	22050	712	35	Brown	Talus	
21600	22100	708	35	Brown	Talus	
21600	22150	700	35	Brown	Rocky	
21600	22200	698	35	Brown	Rocky	
21600	22250	703	30	Brown	Rocky	
21600	22300	704	35	Brown	Soil	
21600	22350	706	35	Brown	Soil	
21600	22400	701	40	Brown	Soil	

21600	22450	701	35	Brown	Soil	
21600	22500	689	35	Brown	Soil	
21600	22550	692	35	Brown	Soil	
21600	22600	668	35	Brown	Soil	
21600	22650	674	35	Brown	Soil	
21600	22700	670	35	Brown	Soil	
21600	22750	669	30	Brown	Soil	7m East, Old Road
21600	22800	675	35	Brown	Rocky	
21600	22850	686	35	Brown	Soil	
21600	22900	696	35	Brown	Soil	
Total Samples						
South Grid						
Easting	Northing	Altitude (m)	Depth	Colour	Soil	Comments
20150	20500	658	35	Brown	Gravel	
20150	20525	651	35	Brown	Soil	
20150	20550	652	30	Brown	Soil	
20150	20575	648	30	Brown	Soil	
20150	20600	637	25	Brown	Soil	
20150	20625	622	40	Brown	Gravel	
20150	20650	617	35	Brown	Soil	
20150	20675	613	35	Brown	Soil	
20150	20700	600	25	Brown	Gravel	20135E
20150	20725	602	25	Brown	Soil	
20150	20750	609	25	Brown	Soil	20410E
20150	20775	625	15	Brown	Gravel	
20150	20800	626	20	Brown	Gravel	20790N
20150	20825	629	50	Brown	Soil	
20150	20850	621	35	Brown	Gravel	
20150	20875	636	35	Brown	Sand	
20150	20900	638	35	Brown	Soil	
20150	20925	634	40	Brown	Soil	
20150	20950	644	40	Brown	Gravel	
20150	20975	640	45	Brown	Soil	
20150	21000	640	35	Brown	Gravel	
Total Samples						
20200	20500	638	25	Brown	Soil	
20200	20525	637	25	Brown	Soil	
20200	20550	639	30	Brown	Soil	
20200	20575	636	30	Brown	Soil	
20200	20600	621	30	Brown	Gravel	
20200	20625	618	25	Brown	Soil	
20200	20650	610	30	Brown	Gravel	
20200	20675	607	30	Brown	Gravel	
20200	20700	606	25	Brown	Soil	

20200	20725	617	30	Brown	Gravel	
20200	20750	624	30	Brown	Soil	
20200	20775	621	25	Brown	Soil	
20200	20800	621	30	Brown	Soil	
20200	20825	615	30	Brown	Gravel	
20200	20850	609	30	Brown	Soil	
20200	20875	602	30	Brown	Gravel	
20200	20900	623	25	Brown	Soil	
20200	20925	607	30	Brown	Soil	
20200	20950	629	30	Brown	Soil	
20200	20975	630	30	Brown	Soil	
20200	21000	631	30	Brown	Soil	
Total Samples						
20250	20500	596	20	Brown	Soil	
20250	20525	597	20	Brown	Soil	
20250	20550	598	20	Brown	Soil	
20250	20575	601	25	Brown	Soil	
20250	20600	601	25	Brown	Soil	
20250	20625	609	30	Brown	Soil	
20250	20650	603	25	Brown	Soil	
20250	20675	606	20	Brown	Soil	
20250	20700	608	25	Brown	Soil	
20250	20725	600	25	Brown	Soil	
20250	20750	588	20	Brown	Soil	
20250	20775	586	20	Brown	Soil	
20250	20800	596	25	Brown	Soil	
20250	20825	610	20	Brown	Soil	
20250	20850	618	25	Brown	Soil	
20250	20875	619	20	Brown	Soil	
20250	20900	630	25	Brown	Soil	
20250	20925	635	20	Brown	Soil	
20250	20950	630	20	Brown	Soil	
20250	20975	626	20	Brown	Soil	
20250	21000	635	20	Brown	Soil	
Total Samples						
20300	20500	566	35	Brown	Talus	
20300	20525	565	35	Brown	Soil	
20300	20550	564	35	Brown	Rocky	
20300	20575	569	35	Brown	Soil	
20300	20600	570	30	Brown	Soil	
20300	20625	566	40	Brown	Rocky	
20300	20650	561	35	Brown	Soil	
20300	20675	557	35	Brown	Soil	
20300	20700	552	30	Brown	Soil	
20300	20725	556	35	Brown	Soil	

20300	20750	559	30	Brown	Soil	
20300	20775	557	30	Brown	Soil	
20300	20800	559	35	Brown	Soil	
20300	20825	587	35	Brown	Soil	
20300	20850	603	35	Brown	Soil	
20300	20875	615	30	Brown	Soil	
20300	20900	625	35	Brown	Soil	
20300	20925	629	35	Brown	Soil	
20300	20950	632	30	Brown	Soil	
20300	20975	628	35	Brown	Soil	
20300	21000	626	30	Brown	Soil	
Total Samples						
20350	20500	548	25	Brown	Soil	
20350	20525	550	25	Brown	Soil	
20350	20550	556	25	Brown	Soil	
20350	20575	557	30	Brown	Soil	
20350	20600	563	30	Brown	Gravel/Sand	
20350	20625	561	25	Brown	Gravel/Sand	
20350	20650	565	25	Brown	Soil	
20350	20675	660	30	Brown	Soil	
20350	20700	533	25	Brown	Sand	
20350	20725	545	30	Brown	Soil	
20350	20750	570	30	Brown	Soil	
20350	20775	575	25	Brown	Soil	
20350	20800	576	30	Brown	Soil	
20350	20825	579	30	Brown	Soil	
20350	20850	585	20	Brown	Soil	
20350	20875	607	25	Brown	Soil	
20350	20900	612	30	Brown	Soil	
20350	20925	605	25	Brown	Soil	
20350	20950	614	25	Brown	Soil	
20350	20975	608	20	Brown	Soil	
20350	21000	609	25	Brown	Soil	
Total Samples						
Easting	Northing	Altitude (m)	Depth	Colour	Soil	Comments
20400	20500	518	35	Brown	Gravel	
20400	20525	518	35	Brown	Soil	
20400	20550	512	35	Brown	Gravel	
20400	20575	513	35	Brown	Gravel	
20400	20600	508	35	Brown	Soil	
20400	20625	509	35	Brown	Soil	
20400	20650	507	35	Brown	Soil	
20400	20675	514	35	Brown	Soil	
20400	20700	520	35	Brown	Soil	
20400	20725	530	35	Brown	Soil	

20400	20750	550	40	Brown	Talus	
20400	20775	NS	ns	Brown	NS	No Sample, Cliff
20400	20800	588	15	Brown	Soil	Out Crop
20400	20825	591	35	Brown	Soil	
20400	20850	602	25	Brown	Soil	Out Crop
20400	20875	605	15	Brown	Soil	Out Crop
20400	20900	596	35	Brown	Rocky	
20400	20925	590	35	Brown	Rocky	
20400	20950	583	35	Brown	Soil	
20400	20975	572	40	Brown	Rocky	
20400	21000	564	35	Brown	Rocky	
Total Samples						
20450	20500	497	35	Brown	Soil	
20450	20525	492	35	Brown	Soil	
20450	20550	492	30	Brown	Soil	
20450	20575	494	30	Brown	Soil	8m East, Road
20450	20600	496	35	Brown	Soil	
20450	20625	497	30	Brown	Gravel	
20450	20650	506	40	Brown	Rocky	
20450	20675	513	30	Brown	Soil	
20450	20700	517	30	Brown	Rocky	
20450	20725	530	40	Brown	Talus	
20450	20750	542	20	Brown	Gravel	
20450	20775	558	30	Brown	Soil	
20450	20800	NS	NS	NS	NS	Cliff
20450	20825	NS	NS	NS	NS	Cliff
20450	20850	560	35	Brown	Talus	15m East, Cliff
20450	20875	585	15	Brown	Talus	Out Crop
20450	20900	582	30	Brown	Rocky	10m East, Bluff
20450	20925	575	35	Brown	Rocky	
20450	20950	572	20	Brown	Talus	Out Crop
20450	20975	569	35	Brown	Soil	
20450	21000	566	30	Brown	Soil	
Total Samples						
Mike Grid						
19800	18500	800	35	Brown	Soil	
19800	18525	800	25	Brown	Soil	
19800	18550	796	25	Brown	Soil	
19800	18575	790	30	Brown	Soil	
19800	18600	783	30	Brown	Sand	
19800	18625	764	40	Brown	Sand	
19800	18650	769	30	Brown	Gravel	
19800	18675	788	35	Brown	Gravel	
19800	18700	737	40	Brown	Sand	

19800	18725	730	30	Brown	Soil	
19800	18750	721	25	Brown	Soil	
19800	18775	730	35	Brown	Soil	
19800	18800	697	35	Brown	Soil	
19800	18825	677	30	Brown	Soil	
19800	18850	688	35	Brown	Soil	
19800	18875	661	30	Brown	Soil	
19800	18900	641	30	Brown	Soil	
19800	18925	634	35	Brown	Soil	
19800	18950	627	30	Brown	Soil	
19800	18975	618	25	Brown	Soil	
19800	19000	584	30	Brown	Soil	
Total Samples						
19850	18500	758	30	Brown	Soil	
19850	18525	779	40	Brown	Rocky	10m NE, Road
19850	18550	774	25	Brown	Rocky	8m NE, Road
19850	18575	767	35	Brown	Rocky	
19850	18600	757	30	Brown	Rocky	
19850	18625	751	30	Brown	Soil	
19850	18650	745	30	Brown	Soil	
19850	18675	740	35	Brown	Soil	
19850	18700	735	35	Brown	Rocky	
19850	18725	721	30	Brown	Rocky	
19850	18750	707	20	Brown	Talus	
19850	18775	694	35	Brown	Talus	
19850	18800	682	30	Brown	Talus	
19850	18825	663	35	Brown	Talus	
19850	18850	653	35	Brown	Talus	
19850	18875	638	20	Brown	Soil	
19850	18900	626	40	Brown	Talus	
19850	18925	609	35	Brown	Talus	
19850	18950	602	40	Brown	Rocky	
19850	18975	589	40	Brown	Talus	
19850	19000	579	30	Brown	Rocky	
Total Samples						
19900	18400	804	35	Brown	Soil	
19900	18425	794	35	Brown	Soil	
19900	18450	795	25	Brown	Gravel	
19900	18475	787	30	Brown	Rocky	
19900	18500	765	30	Brown	Soil	
19900	18525	756	55	Brown	Soil	
19900	18550	765	35	Brown	Soil	
19900	18575	752	35	Brown	Soil	
19900	18600	742	35	Brown	Soil	
19900	18625	730	35	Brown	Soil	

19900	18650	716	40	Brown	Sand	
19900	18675	712	35	Brown	Sand	
19900	18700	709	35	Brown	Soil	
19900	18725	704	60	Brown	Talus	
19900	18750	702	35	Brown	Sand	
19900	18775	683	35	Brown	Sand	
19900	18800	683	35	Brown	Soil	
19900	18825	668	35	Brown	Sand	
19900	18850	649	35	Brown	Soil	
19900	18875	636	35	Brown	Soil	
19900	18900	618	25	Brown	Soil	
Total Samples						

Silt Sample Data

Revenant Resources Ltd.																								
Sognidoro Project																								
May - June 2022																								
I.D.	Number	Sampler	Date	UTM Zone	Easting	Northing	Elevation (m)	Site Description	Clay %	Silt %	Sand %	Gravel %	Organics %	Compaction	Texture	Depth (cm)	Colour	Moisture	Site Rating	Drainage	Direction °	Flow Rate	Stream Width (m)	Trap Description
S-22	8169	DO	13-May	10 U	420413	5420638	490	running creek	0	5	20	75	0	loose	gritty	3	brown	wet	poor	perennial	95	medium	1	side pockets
S-22	8170	DO	13-May	10 U	420698	5421439	456	running creek	0	5	50	40	5	mediem	gritty	3	brown	wet	poor	perennial	190	medium	1	side pockets
S-22	8171	AM	13-May	10 U	420864	5421374	446	running creek	0	15	55	30	0	loose	gritty	3	brown	wet	poor	perennial	220	fast	3	side pockets
S-22	8172	AM	14-May	10 U	421407	5422828	608	Rheinhart Creek	0	10	60	30	0	loose	gritty	5	brown	wet	poor	perennial	200	fast	3	side pockets
S-22	8173	AM	17-May	10 U	421410	5422626	591	running tributary	0	10	60	30	0	loose	gritty	5	brown	wet	poor	perennial	226	fast	1	side pockets
S-22	8174	AM	17-May	10 U	421225	5422086	506	Rheinhart Creek	0	30	65	5	0	loose	gritty	2	brown	wet	poor	perennial	162	fast	3	side pockets/moss
S-22	8175	AM	19-May	10 U	420972	5420988	449	running tributary	0	80	7	0	3	loose	smooth	3	brown	wet	good	perennial	274	fast	1	side pockets
S-22	8176	AM	19-May	10U	420109	5421284	558	running tributary	0	20	70	8	2	loose	gritty	3	brown	wet	poor	perennial	74	fast	0.5	debris trap
S-22	8177	AM	19-May	10U	420184	5423273	670	running tributary	0	60	40	0	0	medium	smooth-gritty	2	brown	wet	moderate	perennial	120	fast	2	debris trap
S-22	8178	AM	19-May	10U	420093	5422506	653	running tributary	0	20	70	8	2	medium	gritty	2	brown	wet	poor	perennial	170	fast	1	side pockets
S-22	8179	AM	19-May	10U	420008	5422266	618	running tributary	0	10	50	38	2	medium	gritty	2	brown	wet	poor	perennial	132	fast	1	moss/pockets
S-22	8180	AM	19-May	10U	419970	5421628	580	running tributary	0	10	40	50	0	loose	gritty	2	brown	wet	poor	perennial	72	fast	1	debris trap
S-22	8181	AM	20-May	10U	423426	5420542	783	running tributary	0	60	25	15	0	medium	gritty	2	brown	wet	poor	perennial	178	slow	0.5	rocks
S-22	8182	AM	24-May	10U	421264	5422544	523	Rheinhart Creek	0	40	50	8	2	loose	gritty	2	brown	wet	moderate	perennial	172	fast	3	side pockets/moss
S-22	8183	AM	24-May	10U	421105	5421620	482	Rheinhart Creek	0	25	70	5	0	loose	gritty	3	brown	wet	moderate	perennial	242	fast	3	side pockets/moss
S-22	8184	AM	24-May	10U	420800	5421173	442	Trib of Rheinhart cr	0	20	75	3	2	medium	gritty	2	brown	wet	poor	perennial	110	medium	4	side pockets/moss
S-22	8185	AM	24-May	10U	420825	5421128	441	Rheinhart Creek	0	10	80	8	2	medium	gritty	2	brown	wet	poor	perennial	204	fast	4	side pockets/moss
S-22	8186	AM	25-May	10U	425194	5421571	817	running tributary	0	50	50	0	0	medium	smooth-gritty	3	brown	wet	moderate	perennial	274	fast	0.5	side pockets/moss
S-22	8187	AM	25-May	10U	425104	5421481	786	main creek	0	40	50	8	2	medium	gritty	2	brown	wet	moderate	perennial	188	fast	2	moss
S-22	8188	AM	25-May	10U	425099	5421429	787	main creek	0	60	40	0	0	medium	smooth	2	brown	wet	good	perennial	186	fast	2	moss
S-22	8189	AM	25-May	10U	425209	5421467	828	running tributary	0	70	30	0	0	medium	gritty	4	brown	wet	moderate	perennial	268	slow	0.5	side pockets
S-22	8190	AM	25-May	10U	425157	5421071	808	running tributary	0	70	28	0	2	medium	gritty	2	brown	wet	moderate	perennial	326	fast	1	moss
S-22	8191	AM	27-May	10U	421586	5419482	372	running creek	0	30	65	3	2	medium	gritty	2	brown	wet	moderate	perennial	228	medium	3	side pockets/moss
S-22	1669	DO	20-May	10U	424088	5420458	778	running tributary	0	80	20	0	0	medium	gritty	5	brown	wet	good	perennial	280	fast	2	moss/logs
S-22	1670	DO	20-May	10U	424107	5420487	728	running tributary	0	90	10	0	0	tight	gritty	4	brown	wet	good	perennial	210	fast	4	moss traps
S-22	1671	DO	20-May	10U	424119	5420414	728	running tributary	0	85	15	0	0	medium	gritty	5	brown	wet	good	perennial	219	fast	6	moss and rocks
S-22	1672	DO	20-May	10U	423397	5420448	770	running tributary	0	75	15	5	0	medium	smooth	5	brown	wet	good	perennial	137	slow	2	side pockets
S-22	1673	DO	20-May	10U	423388	5420594	773	running creek	0	85	5	10	0	medium	smooth	5	brown	wet	good	perennial	160	slow	2	side pockets
S-22	1674	DO	25-May	10U	425195	5421815	832	running tributary	0	50	40	5	5	tight	gritty	5	brown	wet	moderate	perennial	195	medium	2	side pockets
S-22	1675	DO	25-May	10U	425175	5421895	832	running tributary	0	70	25	0	0	loose	gritty	5	brown	wet	moderate	perennial	106	slow	1	side pockets
S-22	1676	DO	25-May	10U	425201	5421872	828	Main creek	0	40	50	10	0	tight	gritty	3	brown	wet	good	perennial	184	medium	2	side pockets
S-22	1677	DO	25-May	10U	424040	5421213	764	Main creek	0	70	28	0	2	tight	gritty	4	brown	wet	good	perennial	220	fast	4	rock traps
S-22	1678	DO	25-May	10U	424889	5421073	745	Main creek	0	80	15	2	3	loose	gritty	5	brown	wet	good	perennial	240	fast	4	pockets
S-22	1679	DO	27-May	10U	420339	5422401	609	Main creek	0	97	0	0	3	tight	smooth	3	brown	wet	good	perennial	256	medium	4	side pockets
S-22	1680	DO	25-May	10U	421314	5419574	381	Main creek	0	85	14	0	1	medium	smooth	3	brown	wet	good	perennial	184	slow	5	side pockets

APPENDIX VII

ANALYTICAL CERTIFICATES

Quality Analysis ... *Innovative Technologies*

Report No.: **A22-07055**
Report Date: **13-Jul-22**
Date Submitted: **26-May-22**
Your Reference: **S-01/S-22 Soil**

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

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

229 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)	2022-06-08 12:54:37

REPORT **A22-07055**

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Notes:

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

Footnote: no material for sample 21000E 22850N, 21000E 22900N, 21600E 21900N, and 20400E 20775N.

SCC Accredited LAB Accrédité CCN TM

LabID: 790

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
TELEPHONE +250 573-4484 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A22-07055**
Report Date: **13-Jul-22**
Date Submitted: **26-May-22**
Your Reference: **S-01/S-22 Soil**

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

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

229 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-1M	QOP Ultratrace-1 (Aqua Regia ICPMS)	2022-06-22 17:10:42

REPORT **A22-07055**

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Notes:

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

Footnote: no material for sample 21000E 22850N, 21000E 22900N, 21600E 21900N, and 20400E 20775N.

SCC Accredited LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
21000E 21900N	21	0.1	1.75	8.9	4.8	< 20	192	0.1	0.54	0.1	9.6	24	32.3	2.46	5	0.05	0.05	10	0.47	1180	0.5	0.025	19.0
21000E 21950N	9	0.8	2.42	18.4	3.8	< 20	239	0.1	0.33	0.2	22.9	36	61.3	4.39	6	0.10	0.06	15	0.77	2020	1.0	0.020	29.7
21000E 22000N	9	0.4	2.98	9.6	3.2	< 20	249	0.1	0.46	0.2	16.8	38	61.1	3.98	7	0.12	0.06	9	0.79	1050	0.9	0.025	39.0
21000E 22050N	6	0.5	2.14	5.6	4.7	< 20	202	0.1	0.41	0.2	11.3	30	38.2	3.11	7	0.10	0.05	10	0.47	616	0.6	0.026	21.2
21000E 22100N	11	0.2	3.11	9.6	4.7	< 20	297	0.1	0.44	0.1	14.5	37	115	3.61	5	0.11	0.07	8	0.79	857	1.0	0.030	36.7
21000E 22150N	16	0.3	3.51	8.6	8.9	< 20	255	< 0.1	0.43	< 0.1	16.8	40	125	4.22	7	0.11	0.06	9	0.82	558	1.2	0.030	37.6
21000E 22200N	61	0.4	2.62	11.9	4.9	< 20	297	0.3	0.50	0.2	12.0	26	71.3	3.02	4	0.22	0.06	6	0.47	5140	0.7	0.040	22.4
21000E 22250N	8	0.2	3.05	9.3	3.9	< 20	220	0.1	0.53	0.2	11.9	35	76.6	3.90	7	0.12	0.05	6	0.62	443	1.1	0.035	31.2
21000E 22300N	12	0.6	3.16	10.1	17.4	< 20	296	< 0.1	0.51	0.1	10.9	35	119	3.94	6	0.16	0.05	8	0.65	349	1.1	0.034	27.6
21000E 22350N	8	0.7	3.15	9.7	4.4	< 20	191	0.1	0.39	< 0.1	13.8	31	65.4	4.06	7	0.16	0.05	9	0.63	398	1.4	0.030	30.2
21000E 22400N	9	0.6	2.20	3.9	2.8	< 20	300	0.1	0.96	0.5	10.2	26	44.5	2.93	2	0.10	0.05	27	0.54	2140	0.7	0.044	30.3
21000E 22450N	11	0.2	2.87	10.2	2.5	< 20	161	< 0.1	0.46	0.2	7.9	33	57.0	3.77	8	0.09	0.04	6	0.49	286	0.8	0.037	25.1
21000E 22500N	8	0.2	2.46	5.9	1.9	< 20	152	0.2	0.44	0.1	9.0	34	48.2	4.07	11	0.08	0.04	6	0.43	408	0.8	0.027	19.2
21000E 22550N	92	0.2	3.35	9.9	< 0.5	< 20	166	0.1	0.42	0.1	10.8	44	46.7	4.12	9	0.06	0.05	6	0.62	366	1.7	0.028	30.7
21000E 22600N	5	0.2	1.38	4.6	7.2	< 20	92.3	0.1	0.35	< 0.1	3.9	19	20.3	2.67	8	0.08	0.03	7	0.22	260	0.6	0.019	9.4
21000E 22650N	11	0.3	3.07	14.4	8.7	< 20	133	0.1	0.44	0.1	15.5	42	167	4.45	8	0.12	0.03	8	0.86	498	1.2	0.028	43.0
21000E 22700N	6	0.4	1.81	13.5	3.6	< 20	103	0.2	0.24	< 0.1	8.1	23	32.1	3.24	7	0.08	0.04	10	0.43	378	1.3	0.013	19.9
21000E 22750N	10	0.8	2.32	32.3	7.3	< 20	161	0.2	0.28	0.2	14.9	22	83.0	3.85	5	0.11	0.06	13	0.44	1440	2.3	0.018	50.7
21000E 22800N	13	1.6	3.17	23.2	14.1	< 20	151	0.1	0.42	0.3	17.3	33	126	4.29	5	0.11	0.05	11	0.70	602	1.7	0.026	74.0
21000E 22850N NS																							
21000E 22900N NS																							
21100E 21900N	22	0.2	2.66	10.6	2.4	< 20	234	< 0.1	0.49	0.1	12.7	38	83.8	3.82	6	0.09	0.05	8	0.63	397	1.1	0.030	27.5
21100E 21950N	15	0.2	3.04	6.7	9.4	< 20	202	0.1	0.47	0.1	16.8	39	191	3.97	6	0.11	0.06	8	0.78	834	1.1	0.029	29.5
21100E 22000N	10	0.2	2.47	7.4	4.6	< 20	309	0.1	0.73	0.3	14.6	40	69.1	3.84	4	0.11	0.04	15	0.81	2630	2.0	0.032	46.2
21100E 22050N	9	0.2	2.74	10.2	2.7	< 20	233	< 0.1	0.77	0.1	15.8	41	74.0	4.21	7	0.05	0.05	9	0.79	676	2.0	0.039	36.4
21100E 22100N	6	0.3	2.38	9.1	0.7	< 20	147	0.1	0.32	< 0.1	9.2	26	49.5	3.65	8	0.15	0.04	11	0.46	596	0.9	0.023	19.9
21100E 22150N	9	0.4	4.27	11.2	3.0	< 20	256	0.1	0.47	0.1	20.7	46	85.8	4.82	8	0.20	0.07	11	0.78	525	2.6	0.041	43.0
21100E 22200N	11	0.5	2.48	8.2	16.7	< 20	197	0.1	0.38	0.2	13.6	31	44.3	4.12	9	0.14	0.05	9	0.44	637	1.3	0.029	23.7
21100E 22250N	38	0.3	1.78	5.4	1.9	< 20	158	0.1	0.40	0.1	11.7	25	30.8	3.37	8	0.06	0.04	7	0.32	453	1.2	0.029	15.0
21100E 22300N	18	0.4	2.27	4.8	1.7	< 20	251	0.1	0.56	0.2	14.1	30	65.1	3.35	6	0.08	0.05	12	0.52	838	0.9	0.043	25.0
21100E 22350N	7	1.5	3.48	5.2	2.6	< 20	335	0.1	0.72	0.8	15.6	35	103	3.31	7	0.19	0.06	38	0.48	4140	3.2	0.036	32.0
21100E 22400N	9	0.3	2.97	7.2	2.6	< 20	283	0.1	0.64	0.2	17.8	35	97.6	3.81	6	0.07	0.06	9	0.75	442	1.0	0.055	36.6
21100E 22450N	8	0.4	2.70	10.7	< 0.5	< 20	132	< 0.1	0.38	0.1	6.8	36	47.2	4.45	10	0.23	0.03	4	0.45	253	0.9	0.034	16.6
21100E 22500N	15	0.3	2.76	6.3	1.8	< 20	144	0.1	0.48	0.1	8.6	32	53.2	4.03	11	0.10	0.04	6	0.44	273	1.8	0.036	20.8
21100E 22550N	12	0.2	1.99	5.6	1.1	< 20	122	0.1	0.41	< 0.1	7.5	27	42.5	3.27	8	0.07	0.04	6	0.44	295	0.9	0.021	18.3
21100E 22600N	8	1.4	3.29	14.6	4.0	< 20	126	0.1	0.45	0.2	14.6	40	98.8	4.66	9	0.14	0.03	8	0.58	381	1.4	0.028	36.5
21100E 22650N	7	0.3	2.41	13.7	0.9	< 20	144	0.1	0.43	0.1	11.7	31	62.0	3.30	6	0.09	0.05	7	0.56	1010	0.8	0.019	25.2
21100E 22700N	6	0.5	3.18	40.8	< 0.5	< 20	104	0.2	0.19	0.2	13.9	35	59.0	4.34	7	0.15	0.05	11	0.63	574	1.5	0.011	32.1
21100E 22750N	5	0.4	3.03	30.1	1.8	< 20	176	0.2	0.20	0.2	15.6	32	41.9	4.01	7	0.08	0.05	8	0.59	632	1.3	0.014	26.4
21100E 22800N	7	0.4	2.13	34.6	< 0.5	< 20	189	0.2	0.24	0.1	15.3	23	36.6	2.72	6	0.06	0.06	11	0.40	810	1.6	0.013	26.3
21100E 22850N	16	0.6	2.11	65.1	1.4	< 20	399	0.2	0.34	0.2	21.6	21	120	3.59	< 1	0.10	0.05	36	0.36	2590	3.0	0.014	52.3
21100E 22900N	9	0.1	1.41	145	1.9	< 20	221	< 0.1	0.84	0.2	33.8	48	155	7.77	3	0.08	0.04	11	0.47	1830	1.7	0.016	111
21200E 21900N	11	0.4	3.17	6.6	5.2	< 20	264	0.1	0.37	0.2	26.7	53	122	5.49	5	0.14	0.06	16	1.08	1390	1.4	0.021	39.7
21200E 21950N	10	0.4	2.35	5.5	16.7	< 20	189	0.1	0.51	0.2	21.8	41	94.1	4.99	4	0.07	0.05	14	1.11	1470	1.0	0.019	36.0
21200E 22000N	11	0.2	3.52	6.9	3.5	< 20	187	0.1	0.34	0.1	27.8	73	147	5.80	7	0.15	0.05	12	1.20	879	1.2	0.019	50.9
21200E 22050N	10	0.3	3.21	8.6	7.0	< 20	187	< 0.1	0.46	0.1	15.3	45	97.0	4.16	8	0.09	0.05	9	0.67	415	1.5	0.034	32.3
21200E 22100N	13	0.3	3.38	9.9	4.7	< 20	195	< 0.1	0.46	< 0.1	14.4	43	94.9	3.68	6	0.08	0.05	11	0.66	435	1.0	0.036	33.2
21200E 22150N	10	0.2	2.42	7.0	< 0.5	< 20	213	0.1	0.45	0.2	12.6	31	60.0	3.47	6	0.13	0.04	15	0.45	698	0.9	0.034	22.7
21200E 22200N	20	0.3	3.21	6.7	1.9	< 20	154	0.1	0.42	0.1	11.8	67	78.2	5.32	11	0.18	0.04	6	0.67	331	1.5	0.023	32.4

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
21200E 22250N	9	0.2	2.91	6.2	< 0.5	< 20	137	0.1	0.41	0.1	13.4	54	65.2	4.69	10	0.07	0.04	7	0.67	499	1.0	0.020	28.4
21200E 22300N	17	0.3	2.15	4.8	1.7	< 20	125	0.1	0.34	0.1	6.6	34	44.8	3.99	9	0.09	0.03	7	0.41	275	0.8	0.023	17.8
21200E 22350N	7	0.3	2.29	6.2	0.7	< 20	99.0	0.2	0.38	< 0.1	10.1	47	33.5	3.65	11	0.11	0.03	6	0.45	669	0.4	0.020	19.3
21200E 22400N	8	0.2	2.18	7.8	3.6	< 20	124	< 0.1	0.42	0.1	9.0	35	64.8	3.55	8	0.10	0.03	7	0.60	345	0.7	0.024	21.4
21200E 22450N	13	0.4	3.33	4.2	11.0	< 20	152	< 0.1	0.64	0.1	18.0	88	118	4.58	8	0.14	0.02	8	1.02	551	0.7	0.024	43.7
21200E 22500N	7	0.2	2.40	11.2	4.8	< 20	127	< 0.1	0.34	< 0.1	10.5	42	73.0	4.29	8	0.12	0.04	7	0.69	454	0.9	0.021	27.4
21200E 22550N	9	0.3	1.53	11.0	< 0.5	< 20	60.6	0.1	0.29	< 0.1	4.5	37	27.4	3.80	13	0.06	0.02	7	0.29	192	0.6	0.014	10.9
21200E 22600N	45	0.5	3.33	14.5	< 0.5	< 20	171	0.1	0.24	0.1	11.3	44	75.0	4.42	7	0.15	0.05	7	0.77	407	1.0	0.017	29.7
21200E 22650N	10	0.4	4.37	10.1	4.9	< 20	211	0.1	0.26	0.1	16.2	62	111	4.64	7	0.12	0.05	7	0.98	681	1.6	0.019	45.8
21200E 22700N	11	0.4	3.01	8.1	7.3	< 20	133	0.1	0.23	< 0.1	10.0	37	56.6	3.31	7	0.10	0.04	7	0.59	400	1.0	0.016	21.1
21200E 22750N	7	0.2	2.12	6.0	1.2	< 20	157	0.1	0.28	< 0.1	8.1	29	43.3	3.12	6	0.04	0.03	8	0.63	372	0.7	0.014	21.3
21200E 22800N	4	0.3	3.21	15.0	2.6	< 20	187	0.2	0.28	0.1	12.3	46	56.5	4.73	9	0.06	0.05	9	0.62	389	2.1	0.016	26.2
21200E 22850N	6	0.3	1.99	5.7	1.5	< 20	104	0.1	0.23	< 0.1	7.9	33	30.9	3.84	8	0.10	0.03	8	0.55	314	1.7	0.013	18.1
21200E 22900N	5	0.3	2.87	10.0	1.8	< 20	130	0.2	0.20	< 0.1	13.5	31	60.0	4.05	7	0.12	0.05	9	0.76	1970	1.0	0.016	21.4
21300E 21900N	9	0.2	1.83	6.9	4.3	< 20	180	0.2	0.44	< 0.1	16.2	27	62.3	5.42	11	0.06	0.03	7	0.62	978	0.5	0.014	18.2
21300E 21950N	13	0.3	3.06	6.5	4.6	< 20	111	0.1	0.40	0.1	26.2	40	253	7.61	15	0.06	0.03	6	1.26	722	0.9	0.015	38.0
21300E 22000N	12	0.2	2.64	7.5	3.8	< 20	188	0.1	0.49	0.2	22.0	52	162	4.93	7	0.06	0.04	8	1.00	1220	0.5	0.017	40.3
21300E 22050N	14	0.1	2.76	8.7	1.8	< 20	191	< 0.1	0.48	0.2	22.4	46	149	4.85	6	0.05	0.04	11	1.05	1100	0.5	0.017	39.2
21300E 22100N	11	0.2	2.15	6.5	2.7	< 20	197	0.1	0.38	0.1	17.6	44	111	4.41	6	0.13	0.03	6	0.82	806	0.7	0.016	34.5
21300E 22150N	8	0.3	2.71	8.7	3.8	< 20	286	0.1	0.49	0.2	21.7	54	151	4.74	5	0.18	0.05	11	0.87	1590	1.0	0.018	40.0
21300E 22200N	17	0.2	1.76	12.0	2.7	< 20	322	0.1	0.65	0.2	16.4	38	165	3.68	1	0.10	0.03	7	0.81	744	0.8	0.024	27.2
21300E 22250N	15	0.2	2.68	7.9	5.4	< 20	172	< 0.1	0.33	< 0.1	16.5	56	95.0	4.81	6	0.08	0.05	8	1.04	646	0.7	0.018	38.4
21300E 22300N	7	0.2	2.76	4.5	< 0.5	< 20	260	0.1	0.38	0.1	19.8	57	91.9	4.67	6	0.17	0.05	13	0.91	2260	2.2	0.019	39.5
21300E 22350N	10	0.3	2.04	5.1	2.3	< 20	178	0.1	0.57	0.2	14.5	52	64.7	3.73	6	0.14	0.04	8	0.69	1390	1.3	0.018	27.3
21300E 22400N	7	0.5	2.13	3.3	2.5	< 20	169	0.1	0.44	0.2	13.7	54	52.7	4.17	9	0.11	0.04	8	0.46	1530	0.6	0.017	21.6
21300E 22450N	7	0.3	2.83	2.6	3.1	< 20	193	0.2	0.32	< 0.1	13.2	71	66.4	5.19	11	0.14	0.04	6	0.44	515	1.0	0.017	27.4
21300E 22500N	8	0.1	2.41	5.1	2.8	< 20	158	0.1	0.36	0.1	14.0	35	50.7	3.36	7	0.11	0.04	6	0.63	674	0.5	0.023	23.6
21300E 22550N	17	0.2	3.21	5.6	2.8	< 20	130	0.1	0.35	0.1	18.3	78	83.7	5.15	12	0.12	0.05	7	1.04	592	0.7	0.016	37.7
21300E 22600N	7	0.2	2.27	5.5	3.7	< 20	140	0.1	0.30	0.1	8.1	33	43.8	3.64	8	0.05	0.04	8	0.53	366	0.6	0.015	18.2
21300E 22650N	14	0.1	1.77	4.0	3.6	< 20	113	0.1	0.33	< 0.1	7.2	34	34.5	3.44	8	0.06	0.03	7	0.53	326	1.0	0.017	17.4
21300E 22700N	7	< 0.1	1.55	1.5	1.3	< 20	149	0.1	0.23	< 0.1	9.7	58	8.2	2.87	6	0.02	0.04	15	0.88	303	0.2	0.014	39.9
21300E 22750N	9	0.2	2.94	7.6	1.8	< 20	662	0.2	0.50	0.3	62.0	24	63.3	3.10	< 1	0.19	0.06	12	0.52	5130	3.1	0.019	39.8
21300E 22800N	6	0.4	2.85	5.3	0.6	< 20	224	0.1	0.14	< 0.1	13.3	97	34.0	3.67	7	0.11	0.05	18	1.32	491	1.4	0.017	79.8
21300E 22850N	7	0.4	2.76	4.5	3.7	< 20	367	0.1	0.31	0.1	16.0	38	72.1	4.15	2	0.11	0.04	11	0.92	1100	1.2	0.017	29.2
21300E 22900N	8	0.4	2.71	5.8	2.3	< 20	125	0.1	0.24	< 0.1	10.0	31	69.1	3.91	7	0.26	0.04	7	0.55	561	0.7	0.016	19.1
21400E 21900N	8	0.1	1.97	3.0	< 0.5	< 20	245	0.1	0.40	0.1	13.0	35	43.3	3.73	6	0.09	0.04	8	0.50	3740	0.5	0.016	21.7
21400E 21950N	8	0.2	2.49	9.1	4.0	< 20	207	0.1	0.37	0.1	23.2	51	81.4	6.44	10	0.08	0.03	7	0.50	1320	0.9	0.015	32.2
21400E 22000N	8	0.2	2.70	4.3	2.4	< 20	144	0.1	0.42	0.1	19.1	54	102	5.23	9	0.06	0.03	7	1.05	798	0.7	0.018	36.6
21400E 22050N	8	0.3	2.99	8.0	2.3	< 20	214	0.1	0.32	0.1	19.9	43	131	5.37	8	0.08	0.05	7	1.01	1040	0.6	0.018	34.8
21400E 22100N	11	0.2	2.19	4.3	3.3	< 20	427	0.2	0.74	0.4	17.5	44	72.6	4.48	4	0.09	0.05	10	0.63	1530	1.0	0.021	31.5
21400E 22150N	16	0.1	2.70	4.2	1.5	< 20	197	0.1	0.47	0.1	17.1	63	86.2	4.58	7	0.07	0.04	6	0.87	650	0.7	0.020	36.8
21400E 22200N	11	0.3	2.48	4.9	1.3	< 20	121	0.1	0.27	0.1	11.0	59	68.6	4.96	9	0.08	0.03	4	0.61	385	0.6	0.016	26.0
21400E 22250N	14	0.2	2.85	6.2	1.2	< 20	205	0.1	0.32	0.1	19.1	52	123	4.92	7	0.05	0.05	8	0.84	645	1.2	0.019	37.8
21400E 22300N	9	0.2	3.05	5.0	1.1	< 20	190	0.2	0.35	0.1	18.3	69	108	4.97	9	0.10	0.04	7	0.70	444	1.2	0.017	38.0
21400E 22350N	8	0.2	2.21	3.7	< 0.5	< 20	190	0.1	0.40	0.1	15.2	54	55.4	4.57	8	0.14	0.04	7	0.70	754	0.9	0.017	28.5
21400E 22400N	7	0.2	2.35	3.2	2.5	< 20	164	0.1	0.54	0.1	15.6	48	53.2	4.26	8	0.09	0.04	9	0.78	1070	0.4	0.020	26.8
21400E 22450N	6	0.2	3.21	7.5	2.0	< 20	132	0.2	0.30	0.1	17.7	77	60.0	4.97	10	0.12	0.03	5	0.90	1230	0.7	0.017	37.6
21400E 22500N	8	0.5	2.53	4.1	1.5	< 20	136	0.1	0.33	< 0.1	12.5	58	47.7	4.05	8	0.10	0.03	6	0.67	645	0.5	0.018	28.7
21400E 22550N	9	0.1	1.88	2.6	8.3	< 20	175	0.1	0.34	< 0.1	11.2	35	37.8	3.11	6	0.10	0.04	8	0.55	671	0.5	0.015	23.3
21400E 22600N	11	0.2	2.90	4.6	1.5	< 20	274	0.1	0.26	0.1	16.5	51	97.8	4.45	5	0.12	0.06	10	0.82	580	1.0	0.016	39.2
21400E 22650N	8	0.2	2.56	5.0	1.9	< 20	151	0.1	0.21	< 0.1	17.0	40	74.2	4.86	7	0.08	0.05	10	0.92	779	1.1	0.015	31.3

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
21400E 22700N	11	0.2	2.45	5.8	2.2	< 20	135	0.1	0.32	0.2	11.9	56	59.9	4.52	8	0.11	0.03	6	0.63	790	0.8	0.019	27.4
21400E 22750N	18	0.2	2.43	3.9	2.1	< 20	198	0.1	0.23	< 0.1	20.5	21	57.8	4.88	4	0.08	0.06	9	1.13	986	0.6	0.029	22.7
21400E 22800N	11	0.1	2.24	6.6	0.8	< 20	243	0.2	0.73	0.2	20.1	40	104	4.29	3	0.09	0.03	9	1.04	1780	0.8	0.025	37.4
21400E 22850N	10	0.1	2.35	10.7	1.9	< 20	243	0.2	0.72	0.1	18.9	43	100	4.23	4	0.09	0.04	9	1.12	1170	1.1	0.029	43.2
21400E 22900N	9	0.4	3.03	11.7	5.6	< 20	280	0.4	0.60	0.4	37.2	54	158	5.48	6	0.18	0.03	9	1.30	3710	1.0	0.016	49.0
21450E 21900N	18	0.2	1.56	3.1	0.9	< 20	142	0.1	0.46	0.2	9.7	27	38.6	3.68	8	0.07	0.02	6	0.35	693	0.5	0.012	12.1
21450E 21950N	10	0.1	1.59	3.4	0.8	< 20	134	0.1	0.45	< 0.1	9.3	28	39.2	3.89	9	0.04	0.02	7	0.35	538	0.5	0.013	12.1
21450E 22000N	6	0.2	2.12	5.8	7.4	< 20	157	0.2	0.31	0.1	16.7	33	55.5	4.41	8	0.06	0.04	8	0.59	801	0.5	0.015	21.3
21450E 22050N	16	0.1	2.38	5.6	2.2	< 20	195	0.2	0.30	0.1	17.0	39	102	5.64	10	0.04	0.04	6	0.64	629	1.7	0.014	27.0
21450E 22100N	7	0.2	2.25	5.8	1.4	< 20	294	0.2	0.37	0.1	14.7	41	71.0	4.19	4	0.11	0.05	10	0.82	1340	0.5	0.018	31.5
21450E 22150N	30	0.3	2.55	3.9	1.5	< 20	186	0.1	0.34	0.1	16.0	60	60.7	4.85	9	0.10	0.04	7	0.69	675	0.6	0.019	28.9
21450E 22200N	7	0.2	2.51	4.8	1.7	< 20	334	0.2	0.26	0.2	18.4	32	66.2	4.49	5	0.06	0.07	12	0.62	1590	0.8	0.018	25.6
21450E 22250N	10	0.1	2.70	2.4	0.8	< 20	220	0.1	0.30	< 0.1	18.8	38	55.5	4.95	7	0.04	0.07	11	0.85	723	0.9	0.017	28.2
21450E 22300N	6	0.1	1.73	2.4	< 0.5	< 20	192	0.1	0.36	< 0.1	7.0	35	24.3	3.53	6	0.04	0.04	9	0.38	525	0.3	0.016	16.6
21450E 22350N	9	0.2	3.05	5.7	0.8	< 20	281	0.1	0.33	0.1	15.6	57	99.7	4.36	5	0.10	0.06	7	0.86	694	0.7	0.018	39.2
21450E 22400N	18	0.1	2.97	3.9	5.5	< 20	152	< 0.1	0.61	0.1	18.5	88	135	4.17	7	0.06	0.02	11	1.27	553	0.4	0.024	48.8
21450E 22450N	7	0.1	2.73	4.0	2.9	< 20	169	0.1	0.34	< 0.1	13.6	68	78.1	4.79	8	0.08	0.04	6	0.81	472	0.5	0.017	37.8
21450E 22500N	11	0.2	2.12	3.3	169	< 20	238	0.2	0.34	< 0.1	12.8	44	36.7	3.61	6	0.08	0.05	9	0.48	1050	0.4	0.019	20.7
21450E 22550N	7	0.1	1.75	2.2	1.2	< 20	235	0.2	0.43	< 0.1	7.5	39	23.3	3.39	7	0.06	0.05	9	0.40	615	0.3	0.021	16.2
21450E 22600N	5	0.2	2.36	6.1	2.8	< 20	204	0.2	0.36	0.1	11.3	53	33.0	4.38	11	0.07	0.04	10	0.65	449	0.8	0.019	28.3
21450E 22650N	19	0.3	2.71	5.8	1.6	< 20	122	0.1	0.19	< 0.1	19.7	36	116	5.91	6	0.04	0.06	11	1.23	599	0.9	0.015	35.1
21450E 22700N	15	0.2	2.49	5.8	3.3	< 20	260	0.2	0.42	0.2	16.0	52	47.0	5.07	8	0.10	0.04	10	0.69	911	1.4	0.016	29.9
21450E 22750N	7	0.2	2.85	6.0	0.7	< 20	193	0.2	0.12	< 0.1	21.3	18	101	6.06	5	0.15	0.14	21	0.94	859	1.4	0.009	28.1
21450E 22800N	8	0.1	2.90	7.2	1.8	< 20	131	< 0.1	0.19	< 0.1	17.4	63	81.2	5.19	8	0.09	0.04	7	0.99	585	0.6	0.012	44.1
21450E 22850N	14	0.2	2.51	6.8	10.9	< 20	179	0.2	0.51	0.3	18.5	57	106	4.32	7	0.11	0.06	10	0.74	2410	1.1	0.023	37.1
21450E 22900N	9	0.2	2.92	5.1	< 0.5	< 20	209	0.1	0.37	0.1	18.8	81	70.9	5.49	10	0.08	0.05	7	0.80	1190	1.0	0.016	46.4
21500E 21900N	9	0.2	2.76	4.4	1.4	< 20	131	0.1	0.36	< 0.1	17.4	62	128	4.46	8	0.06	0.04	6	1.00	671	0.5	0.015	43.9
21500E 21950N	12	0.2	3.05	5.7	4.5	< 20	404	0.1	0.48	0.1	23.3	59	180	5.17	7	0.07	0.07	10	1.19	1090	0.5	0.020	55.5
21500E 22000N	9	0.2	4.24	5.9	4.2	< 20	164	0.1	0.33	0.1	21.4	87	153	5.41	10	0.15	0.05	6	1.16	1060	0.9	0.015	56.7
21500E 22050N	8	0.2	2.88	12.2	2.9	< 20	191	0.1	0.23	0.1	13.0	39	59.9	5.12	9	0.12	0.07	8	0.82	652	4.2	0.013	33.2
21500E 22100N	14	0.3	2.77	6.2	1.5	< 20	237	0.1	0.27	0.2	16.8	48	84.9	4.37	8	0.15	0.07	9	0.83	1660	0.6	0.016	38.9
21500E 22150N	7	0.2	2.06	4.3	< 0.5	< 20	290	0.1	0.36	0.1	13.9	35	50.4	3.76	7	0.09	0.06	8	0.53	1220	0.5	0.016	23.8
21500E 22200N	6	0.4	2.72	5.3	0.9	< 20	262	0.1	0.21	0.1	20.4	34	95.8	4.72	7	0.10	0.08	13	0.70	1390	0.8	0.014	31.6
21500E 22250N	7	0.2	2.91	3.4	< 0.5	< 20	227	< 0.1	0.26	< 0.1	15.3	58	81.5	4.01	7	0.08	0.06	9	0.93	435	0.5	0.016	45.4
21500E 22300N	7	0.2	3.14	6.7	0.8	< 20	217	0.2	0.41	0.2	20.4	74	77.9	5.28	11	0.17	0.06	7	0.89	1440	0.7	0.019	46.5
21500E 22350N	6	0.2	2.94	3.4	< 0.5	< 20	183	0.1	0.24	< 0.1	14.5	60	63.6	4.34	8	0.14	0.04	6	0.60	656	0.5	0.016	35.0
21500E 22400N	12	0.2	2.93	7.1	< 0.5	< 20	201	0.3	0.54	0.1	20.7	45	100	5.45	10	0.11	0.06	8	0.84	1840	0.8	0.016	31.4
21500E 22450N	23	0.3	3.35	4.2	2.0	< 20	275	0.1	0.38	0.1	22.5	80	124	4.64	9	0.09	0.06	7	0.82	1040	0.4	0.023	53.3
21500E 22500N	6	0.2	3.00	2.2	< 0.5	< 20	536	0.1	0.31	0.2	18.3	78	60.9	4.85	8	0.11	0.06	7	0.80	1410	0.6	0.018	43.5
21500E 22550N	8	0.2	2.64	7.8	7.0	< 20	203	0.1	0.20	< 0.1	16.7	55	68.2	4.92	7	0.07	0.05	10	1.01	558	0.6	0.016	41.7
21500E 22600N	8	0.2	2.89	3.4	1.1	< 20	145	0.2	0.27	0.1	13.0	56	51.8	4.32	10	0.12	0.04	7	0.60	766	0.7	0.018	31.3
21500E 22650N	10	0.2	3.57	4.2	2.7	< 20	306	0.1	0.25	< 0.1	20.8	76	184	4.19	6	0.10	0.05	9	1.06	705	0.9	0.017	69.1
21500E 22700N	12	0.2	3.04	5.0	3.2	< 20	145	0.1	0.27	< 0.1	15.1	75	82.0	4.83	9	0.14	0.03	6	1.06	614	0.8	0.014	53.0
21500E 22750N	6	0.1	2.68	6.1	< 0.5	< 20	157	0.3	0.09	< 0.1	17.6	14	80.2	6.07	5	0.11	0.11	18	0.84	754	1.1	0.010	23.4
21500E 22800N	10	0.2	3.65	4.6	3.1	< 20	238	0.1	0.22	< 0.1	17.7	66	130	4.88	9	0.12	0.06	9	0.95	608	1.0	0.014	48.7
21500E 22850N	178	0.5	2.84	10.7	7.3	< 20	364	0.2	1.02	0.7	23.4	68	128	4.84	7	0.16	0.04	9	0.70	3380	0.7	0.015	53.2
21500E 22900N	8	0.3	3.61	5.8	2.7	< 20	186	0.1	0.27	0.1	21.9	85	128	5.16	8	0.11	0.05	7	1.02	479	1.0	0.014	61.2
21550E 22000N	29	0.2	2.06	3.2	2.4	< 20	174	0.1	0.29	0.2	16.8	25	63.7	4.98	10	0.08	0.04	9	0.47	1280	0.4	0.011	18.2
21550E 22050N	102	0.2	2.72	6.7	3.2	< 20	372	0.1	0.54	0.3	20.0	50	149	4.44	6	0.13	0.06	12	1.03	1350	0.8	0.021	44.4
21550E 22100N	23	0.4	2.68	18.1	10.0	< 20	314	0.1	0.36	0.8	29.8	36	301	5.00	6	0.14	0.06	20	1.07	2290	3.4	0.016	40.7
21550E 22150N	14	0.1	2.53	8.0	4.7	< 20	314	0.1	0.50	0.4	21.3	43	136	4.80	6	0.09	0.09	11	1.05	1890	1.1	0.020	39.3

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
21550E 22200N	19	0.1	3.02	4.3	0.9	< 20	295	0.1	0.37	0.2	19.5	65	113	4.49	7	0.11	0.07	9	0.98	1370	0.6	0.017	49.1
21550E 22250N	14	0.1	2.91	10.5	6.8	< 20	309	0.2	0.42	0.2	24.5	49	149	5.19	7	0.09	0.11	13	1.15	1900	1.2	0.017	42.7
21550E 22300N	13	0.2	2.74	14.3	7.0	< 20	305	0.2	0.38	0.4	21.3	54	139	4.71	6	0.12	0.08	14	0.90	2010	1.1	0.015	43.8
21550E 22350N	12	0.1	2.61	10.9	2.9	< 20	374	0.4	0.48	0.4	22.8	39	116	4.86	8	0.22	0.10	11	0.60	4010	1.0	0.014	27.3
21550E 22400N	11	0.2	2.14	10.2	3.7	< 20	357	0.2	0.61	0.3	22.0	25	163	5.27	6	0.11	0.22	12	1.09	3060	1.3	0.018	23.7
21550E 22450N	13	0.1	2.94	7.5	0.9	< 20	255	0.1	0.45	0.2	21.7	76	126	4.66	7	0.15	0.04	9	1.10	1190	1.0	0.016	55.3
21550E 22500N	20	0.4	2.03	21.7	6.7	< 20	300	0.1	0.45	0.3	27.8	43	119	4.33	4	0.10	0.04	17	1.18	1310	1.9	0.017	52.3
21550E 22550N	10	0.3	2.28	5.4	4.6	< 20	316	0.1	0.56	0.1	15.4	53	81.4	4.12	7	0.08	0.06	9	0.84	844	0.6	0.022	38.4
21550E 22600N	12	0.2	2.51	7.0	3.6	< 20	381	< 0.1	0.77	0.1	23.2	53	136	5.04	5	0.07	0.09	12	1.26	1400	0.6	0.029	52.2
21550E 22650N	14	0.2	3.68	4.9	3.0	< 20	283	< 0.1	0.51	< 0.1	24.6	105	143	5.16	9	0.10	0.05	10	1.42	809	0.5	0.019	72.1
21550E 22700N	16	0.1	3.04	7.6	< 0.5	< 20	657	< 0.1	0.54	0.1	26.5	80	149	4.81	4	0.06	0.07	11	1.27	1090	1.3	0.019	64.5
21550E 22750N	15	0.1	2.93	6.1	1.6	< 20	394	< 0.1	1.01	0.1	23.4	71	154	4.98	7	0.05	0.08	11	1.41	1050	0.8	0.036	64.7
21550E 22800N	17	0.1	2.74	5.2	0.8	< 20	226	< 0.1	0.49	< 0.1	22.3	55	127	4.86	6	0.14	0.06	9	1.11	1250	0.7	0.020	48.6
21550E 22850N	13	0.2	2.49	5.2	1.7	< 20	335	< 0.1	0.70	0.2	20.6	59	125	4.42	6	0.10	0.06	9	1.13	1120	0.6	0.027	51.2
21550E 22900N	10	0.3	2.80	3.0	< 0.5	< 20	120	0.1	0.30	0.1	15.9	57	40.6	4.05	9	0.14	0.05	10	0.59	1030	0.4	0.012	29.6
21600E 21900N NS																							
21600E 21950N	55	0.2	1.93	6.7	2.9	< 20	110	0.1	0.14	< 0.1	7.0	15	39.2	3.79	10	0.06	0.04	6	0.60	326	0.5	0.009	11.1
21600E 22000N	7	0.4	2.25	4.7	< 0.5	< 20	155	0.1	0.13	< 0.1	10.1	24	36.2	4.11	6	0.11	0.06	10	0.64	435	0.6	0.010	24.6
21600E 22050N	9	0.3	1.69	3.7	< 0.5	< 20	132	0.1	0.13	< 0.1	7.2	19	25.4	3.27	5	0.09	0.05	9	0.47	338	0.4	0.010	18.0
21600E 22100N	4	0.1	1.75	2.1	< 0.5	< 20	153	0.2	0.14	< 0.1	10.7	11	32.9	2.75	7	0.05	0.06	7	0.39	765	0.5	0.011	7.5
21600E 22150N	8	0.3	2.92	7.4	1.4	< 20	458	0.2	0.17	0.8	17.6	12	77.9	3.65	3	0.12	0.07	12	0.33	2840	1.3	0.010	15.6
21600E 22200N	10	0.1	2.58	6.7	0.6	< 20	316	0.2	0.25	0.1	22.7	40	71.2	4.44	7	0.18	0.08	10	0.72	2270	0.6	0.013	31.8
21600E 22250N	13	0.2	3.12	5.8	4.6	< 20	241	< 0.1	0.35	< 0.1	20.3	51	80.4	4.76	6	0.12	0.07	13	1.00	758	0.3	0.015	48.7
21600E 22300N	19	< 0.1	3.03	5.8	1.0	< 20	160	0.2	0.31	0.1	19.7	77	86.1	4.50	10	0.11	0.04	9	0.63	953	0.8	0.015	37.8
21600E 22350N	14	< 0.1	2.28	4.9	< 0.5	< 20	122	0.1	0.41	< 0.1	11.9	80	57.2	4.21	9	0.12	0.03	4	0.70	377	0.4	0.017	35.5
21600E 22400N	18	0.3	2.73	3.6	< 0.5	< 20	221	< 0.1	0.66	0.2	22.3	83	69.3	4.31	7	0.12	0.03	9	0.85	980	0.4	0.016	47.0
21600E 22450N	9	0.1	4.46	4.1	1.8	< 20	255	< 0.1	0.30	< 0.1	23.8	121	179	5.38	10	0.07	0.06	9	1.35	822	0.9	0.016	80.7
21600E 22500N	12	0.3	2.20	3.8	< 0.5	< 20	185	0.1	0.35	0.1	13.0	66	43.0	3.43	7	0.13	0.04	6	0.62	1560	0.3	0.015	35.1
21600E 22550N	13	0.4	3.07	5.1	0.6	< 20	214	0.1	0.20	0.1	17.9	74	116	4.59	7	0.14	0.06	6	1.18	547	0.4	0.013	56.1
21600E 22600N	19	0.2	2.78	5.4	1.9	< 20	245	< 0.1	0.67	0.1	21.9	74	125	4.59	6	0.12	0.07	12	1.27	1150	0.5	0.029	62.6
21600E 22650N	10	0.2	3.60	5.0	1.8	< 20	326	< 0.1	0.35	< 0.1	27.4	94	141	5.31	9	0.09	0.06	11	1.43	950	0.5	0.016	71.6
21600E 22700N	11	0.1	2.97	4.8	2.0	< 20	303	< 0.1	0.64	< 0.1	21.6	78	129	4.58	7	0.09	0.06	9	1.21	881	0.5	0.025	60.0
21600E 22750N	12	0.2	3.26	6.7	2.9	< 20	380	< 0.1	0.98	0.1	25.6	78	161	5.27	8	0.07	0.09	12	1.50	1190	0.7	0.039	70.5
21600E 22800N	6	0.1	2.28	3.2	< 0.5	< 20	153	0.1	0.45	< 0.1	14.2	73	36.6	4.48	9	0.06	0.04	7	0.69	693	0.4	0.019	31.9
21600E 22850N	9	0.3	3.54	4.7	2.3	< 20	183	0.1	0.33	< 0.1	22.0	87	61.2	5.28	9	0.09	0.04	6	1.05	788	0.5	0.019	48.4
21600E 22900N	7	0.2	2.78	3.3	1.2	< 20	212	0.1	0.29	0.1	21.0	47	49.5	4.83	7	0.10	0.05	12	0.57	1020	2.0	0.017	33.8
20350E 20500N	18	0.2	3.09	8.7	4.2	< 20	183	0.1	0.57	0.2	19.1	38	155	4.51	8	0.10	0.04	6	1.07	1310	0.6	0.019	34.5
20350E 20525N	12	0.2	2.61	4.3	0.5	< 20	188	0.1	0.52	0.2	15.8	26	50.8	3.54	8	0.11	0.05	7	0.63	865	0.4	0.018	19.0
20350E 20550N	5	0.4	2.42	3.4	< 0.5	< 20	124	0.1	0.28	< 0.1	12.6	48	27.3	3.63	9	0.10	0.04	11	0.73	785	0.4	0.015	19.1
20350E 20575N	8	0.5	2.70	6.0	2.7	< 20	112	0.1	0.19	< 0.1	9.2	32	35.4	3.47	9	0.10	0.04	14	0.69	339	0.4	0.014	17.9
20350E 20600N	9	0.3	3.37	5.4	0.5	< 20	125	< 0.1	0.59	0.2	27.5	234	89.3	5.18	10	0.08	0.03	4	2.14	1490	0.3	0.019	84.0
20350E 20625N	11	0.3	3.44	6.0	4.6	< 20	122	< 0.1	0.58	0.1	27.5	217	93.5	4.93	10	0.12	0.03	4	2.09	1360	0.3	0.019	81.7
20350E 20650N	7	0.2	2.47	6.8	10.6	< 20	238	0.1	0.43	0.1	13.1	35	58.6	4.08	7	0.10	0.05	8	0.56	614	0.5	0.021	25.7
20350E 20675N	9	0.5	2.44	9.2	3.3	< 20	161	0.1	0.32	0.2	12.7	27	61.2	3.79	6	0.12	0.05	10	0.57	465	1.4	0.016	31.4
20350E 20700N	18	1.1	2.88	26.9	6.4	< 20	429	0.2	0.48	1.1	26.4	40	126	4.59	< 1	0.17	0.07	29	0.92	1340	2.1	0.020	89.2
20350E 20725N	13	0.1	2.05	6.4	1.9	< 20	157	0.2	0.51	0.1	11.6	28	63.8	3.56	7	0.12	0.03	6	0.59	1100	0.7	0.024	21.3
20350E 20750N	9	0.2	2.75	9.0	2.8	< 20	147	0.1	0.59	0.1	15.1	32	93.9	4.36	10	0.11	0.04	7	0.66	863	1.1	0.027	25.9
20350E 20775N	8	0.2	3.54	13.3	3.3	< 20	163	0.2	0.32	0.1	16.2	34	110	4.55	10	0.05	0.04	7	0.70	680	1.0	0.023	34.2
20350E 20800N	11	0.2	4.18	8.5	1.1	< 20	134	0.2	0.31	< 0.1	14.2	40	146	5.19	10	0.08	0.05	7	0.78	337	0.7	0.019	33.4
20350E 20825N	9	0.6	3.06	7.0	2.5	< 20	125	0.1	0.32	< 0.1	9.4	30	76.0	4.03	9	0.07	0.03	7	0.53	271	0.6	0.023	21.0

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
20350E 20850N	9	0.4	2.41	5.6	9.7	< 20	98.8	0.1	0.34	< 0.1	8.0	25	57.6	3.65	10	0.13	0.03	7	0.52	276	0.3	0.022	17.9
20350E 20875N	5	0.1	2.79	8.7	3.1	< 20	68.8	0.2	0.31	< 0.1	8.1	29	52.3	5.40	16	0.18	0.04	6	0.62	287	0.7	0.020	20.6
20350E 20900N	7	0.1	1.04	2.1	2.1	< 20	40.9	0.2	0.49	0.1	4.0	13	15.5	1.92	8	0.06	0.02	6	0.27	232	0.1	0.023	7.6
20350E 20925N	6	0.4	3.69	6.3	1.5	< 20	90.7	0.1	0.29	< 0.1	6.1	27	47.0	4.07	12	0.27	0.03	7	0.37	294	0.6	0.021	13.4
20350E 20950N	7	0.5	4.58	5.0	2.5	< 20	129	0.1	0.19	< 0.1	12.0	25	87.1	3.60	8	0.19	0.04	7	0.29	881	0.5	0.019	13.6
20350E 20975N	10	0.2	1.30	1.8	15.1	< 20	75.6	0.2	0.39	< 0.1	4.9	18	20.3	2.87	10	0.12	0.03	6	0.25	1150	0.2	0.019	9.5
20350E 21000N	6	0.2	1.96	3.6	4.1	< 20	70.6	0.1	0.31	< 0.1	4.9	18	35.4	3.42	11	0.13	0.03	7	0.28	216	0.4	0.019	9.8
20400E 20500N	20	0.4	2.48	7.5	< 0.5	< 20	188	0.1	0.38	0.2	13.7	30	43.3	4.09	6	0.12	0.05	10	0.66	862	1.2	0.014	22.9
20400E 20525N	10	0.4	3.38	7.3	1.0	< 20	81.1	< 0.1	0.31	0.2	15.6	93	93.3	5.37	12	0.14	0.02	5	1.13	323	1.4	0.016	41.1
20400E 20550N	13	1.0	2.61	10.3	2.3	< 20	159	0.1	0.64	0.3	28.9	57	136	4.81	5	0.21	0.03	26	1.00	682	2.6	0.014	44.2
20400E 20575N	14	0.4	3.20	12.4	5.6	< 20	136	0.1	0.41	0.2	30.6	115	165	5.34	7	0.13	0.03	12	1.78	824	1.2	0.016	75.1
20400E 20600N	16	0.3	2.66	22.6	4.6	< 20	276	0.1	0.46	0.3	23.8	52	130	4.44	3	0.11	0.05	14	1.16	980	1.4	0.020	55.9
20400E 20625N	6	0.2	1.76	4.2	6.5	< 20	105	0.2	0.27	< 0.1	4.3	15	15.1	2.40	7	0.03	0.03	13	0.27	346	0.8	0.015	9.2
20400E 20650N	7	0.4	2.34	11.3	2.3	< 20	149	0.2	0.31	0.1	9.6	29	53.6	4.29	8	0.10	0.05	9	0.50	319	1.9	0.016	25.8
20400E 20675N	12	0.3	2.78	7.0	1.8	< 20	107	0.1	0.39	0.1	11.8	34	77.8	4.07	8	0.09	0.03	6	0.63	472	1.0	0.021	22.4
20400E 20700N	11	0.2	2.51	6.7	3.2	< 20	83.4	0.1	0.45	0.1	11.2	36	70.1	4.26	10	0.08	0.03	5	0.72	461	0.7	0.023	22.2
20400E 20725N	8	0.2	2.73	9.4	2.4	< 20	102	0.1	0.39	< 0.1	11.1	32	75.2	4.06	9	0.11	0.03	5	0.66	313	0.5	0.024	23.6
20400E 20750N	19	0.2	2.32	14.7	1.2	< 20	92.9	0.2	0.63	0.1	12.7	33	70.7	4.54	11	0.11	0.03	6	0.66	677	0.4	0.027	21.4
20400E 20775N NS																							
20400E 20800N	10	0.3	3.70	8.2	4.0	< 20	46.3	0.1	0.45	0.2	8.9	19	212	2.52	7	0.21	0.02	9	0.38	301	0.4	0.021	14.6
20400E 20825N	8	< 0.1	2.37	6.1	1.6	< 20	59.7	0.2	0.28	< 0.1	6.2	28	46.0	5.55	16	0.06	0.03	8	0.47	223	0.6	0.018	15.4
20400E 20850N	9	0.1	2.49	11.9	3.4	< 20	66.5	0.2	0.32	< 0.1	9.8	36	59.1	6.21	16	0.15	0.04	7	0.70	427	0.9	0.020	24.6
20400E 20875N	12	0.1	3.25	10.0	0.7	< 20	84.6	0.1	0.32	< 0.1	9.5	34	82.1	5.05	12	0.11	0.04	6	0.61	437	0.8	0.024	22.8
20400E 20900N	8	0.3	2.14	10.9	1.2	< 20	98.3	< 0.1	0.25	< 0.1	11.0	31	56.2	4.04	8	0.05	0.03	6	0.47	377	0.5	0.021	20.6
20400E 20925N	36	0.8	2.96	30.2	40.4	< 20	140	< 0.1	0.15	< 0.1	19.7	38	134	4.77	8	0.08	0.03	3	0.51	659	0.6	0.017	34.0
20400E 20950N	9	0.5	3.15	7.4	< 0.5	< 20	108	0.2	0.41	0.1	29.3	28	81.9	3.56	7	0.33	0.04	5	0.49	3220	0.5	0.022	20.5
20400E 20975N	12	0.6	2.94	6.4	< 0.5	< 20	134	0.2	0.63	0.2	28.3	38	68.2	4.32	11	0.20	0.02	5	0.58	1770	0.4	0.024	20.4
20400E 21000N	7	0.6	2.43	8.7	< 0.5	< 20	168	0.1	0.46	0.2	12.0	31	59.4	3.50	7	0.07	0.04	6	0.51	828	0.9	0.022	32.8

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
21000E 21900N	0.068	7.7	< 1	0.2	4.0	< 0.5	20	< 0.2	0.7	0.139	< 0.1	76	< 0.1	75
21000E 21950N	0.197	10.6	< 1	0.3	5.3	< 0.5	16	< 0.2	0.8	0.083	< 0.1	85	< 0.1	133
21000E 22000N	0.181	5.9	< 1	0.2	5.1	< 0.5	18	< 0.2	1.0	0.138	< 0.1	91	< 0.1	166
21000E 22050N	0.113	5.7	< 1	0.2	4.6	< 0.5	18	< 0.2	0.9	0.145	< 0.1	85	< 0.1	102
21000E 22100N	0.111	5.4	< 1	0.3	6.1	0.5	16	< 0.2	0.8	0.169	< 0.1	99	< 0.1	108
21000E 22150N	0.077	4.8	< 1	0.4	7.0	< 0.5	17	< 0.2	1.0	0.221	< 0.1	118	< 0.1	101
21000E 22200N	0.157	33.6	< 1	0.6	3.6	0.8	16	< 0.2	0.5	0.131	< 0.1	85	< 0.1	64
21000E 22250N	0.087	6.0	< 1	0.4	4.5	< 0.5	17	< 0.2	0.8	0.226	< 0.1	117	< 0.1	91
21000E 22300N	0.049	3.9	< 1	0.3	6.7	0.6	19	< 0.2	1.0	0.208	< 0.1	122	< 0.1	64
21000E 22350N	0.050	5.7	< 1	0.3	4.7	< 0.5	14	< 0.2	1.0	0.169	< 0.1	90	< 0.1	108
21000E 22400N	0.044	13.6	< 1	0.3	4.1	< 0.5	29	< 0.2	0.6	0.159	< 0.1	87	< 0.1	119
21000E 22450N	0.067	5.0	< 1	0.3	3.8	< 0.5	16	< 0.2	0.8	0.181	< 0.1	113	< 0.1	87
21000E 22500N	0.084	6.3	< 1	0.3	3.6	< 0.5	18	< 0.2	0.7	0.231	< 0.1	123	< 0.1	80
21000E 22550N	0.057	7.9	< 1	0.4	3.6	0.6	19	< 0.2	0.7	0.209	< 0.1	115	< 0.1	89
21000E 22600N	0.023	6.2	< 1	0.2	2.7	< 0.5	17	< 0.2	0.6	0.186	< 0.1	97	< 0.1	45
21000E 22650N	0.057	5.7	< 1	0.5	6.3	< 0.5	17	< 0.2	1.0	0.285	< 0.1	139	< 0.1	102
21000E 22700N	0.050	8.1	< 1	0.4	3.3	< 0.5	12	< 0.2	0.7	0.133	< 0.1	77	< 0.1	131
21000E 22750N	0.063	11.9	< 1	0.8	3.5	0.6	13	< 0.2	1.2	0.086	< 0.1	63	< 0.1	235
21000E 22800N	0.058	8.5	< 1	0.6	4.5	0.5	16	< 0.2	1.6	0.169	< 0.1	85	< 0.1	221
21000E 22850N NS														
21000E 22900N NS														
21100E 21900N	0.036	4.9	< 1	0.3	5.8	0.5	20	< 0.2	0.9	0.223	< 0.1	122	< 0.1	69
21100E 21950N	0.085	6.7	< 1	0.4	7.1	< 0.5	19	< 0.2	0.9	0.223	< 0.1	116	< 0.1	86
21100E 22000N	0.057	6.5	< 1	0.4	5.5	< 0.5	24	< 0.2	0.8	0.256	< 0.1	109	< 0.1	163
21100E 22050N	0.068	5.9	< 1	0.4	5.4	< 0.5	25	< 0.2	0.8	0.226	< 0.1	114	< 0.1	104
21100E 22100N	0.049	6.0	< 1	0.3	4.7	< 0.5	13	< 0.2	0.9	0.139	< 0.1	91	< 0.1	68
21100E 22150N	0.072	5.8	< 1	0.3	7.4	< 0.5	17	< 0.2	1.4	0.217	< 0.1	133	< 0.1	109
21100E 22200N	0.074	8.1	< 1	0.3	4.3	< 0.5	15	< 0.2	1.0	0.166	< 0.1	109	< 0.1	133
21100E 22250N	0.026	5.7	< 1	0.3	3.4	< 0.5	16	< 0.2	0.7	0.197	< 0.1	101	< 0.1	73
21100E 22300N	0.037	5.3	< 1	0.3	4.9	< 0.5	19	< 0.2	0.7	0.205	< 0.1	100	< 0.1	71
21100E 22350N	0.066	6.7	< 1	0.4	6.0	1.0	25	< 0.2	0.8	0.166	0.1	92	< 0.1	97
21100E 22400N	0.051	4.8	< 1	0.3	6.0	0.5	20	< 0.2	0.9	0.224	< 0.1	115	< 0.1	90
21100E 22450N	0.057	4.9	< 1	0.3	4.5	0.6	13	< 0.2	0.8	0.212	< 0.1	146	< 0.1	46
21100E 22500N	0.034	6.0	< 1	0.3	4.2	< 0.5	17	< 0.2	0.8	0.230	< 0.1	131	< 0.1	64
21100E 22550N	0.051	6.3	< 1	0.3	3.9	< 0.5	17	< 0.2	0.7	0.210	< 0.1	108	< 0.1	58
21100E 22600N	0.060	5.9	< 1	0.4	3.9	< 0.5	17	< 0.2	0.8	0.232	< 0.1	125	< 0.1	110
21100E 22650N	0.073	10.0	< 1	0.3	4.5	< 0.5	16	< 0.2	0.7	0.169	< 0.1	87	< 0.1	98
21100E 22700N	0.102	9.7	< 1	0.5	4.2	< 0.5	11	< 0.2	1.3	0.178	< 0.1	70	< 0.1	216
21100E 22750N	0.113	9.4	< 1	0.4	4.4	< 0.5	13	< 0.2	1.3	0.243	< 0.1	79	0.1	190
21100E 22800N	0.070	8.4	< 1	0.3	3.7	< 0.5	14	< 0.2	0.9	0.109	< 0.1	66	< 0.1	224
21100E 22850N	0.066	19.1	< 1	0.8	4.9	< 0.5	13	< 0.2	0.6	0.068	< 0.1	71	< 0.1	254
21100E 22900N	0.106	5.7	< 1	0.5	18.9	< 0.5	29	< 0.2	0.6	0.061	< 0.1	167	< 0.1	105
21200E 21900N	0.042	8.1	< 1	0.2	9.1	< 0.5	22	< 0.2	1.1	0.128	< 0.1	111	< 0.1	101
21200E 21950N	0.054	7.2	< 1	0.2	6.8	< 0.5	24	< 0.2	0.8	0.122	< 0.1	96	< 0.1	91
21200E 22000N	0.049	7.4	< 1	0.2	10.4	< 0.5	22	< 0.2	1.2	0.194	< 0.1	120	< 0.1	115
21200E 22050N	0.068	5.5	< 1	0.4	6.2	0.5	18	< 0.2	1.0	0.213	< 0.1	123	< 0.1	70
21200E 22100N	0.067	4.9	< 1	0.2	7.3	< 0.5	15	< 0.2	1.0	0.177	< 0.1	104	< 0.1	75
21200E 22150N	0.043	5.3	< 1	0.2	4.6	< 0.5	14	< 0.2	0.8	0.169	< 0.1	95	< 0.1	99
21200E 22200N	0.077	5.8	< 1	0.3	6.3	0.7	20	< 0.2	0.9	0.297	< 0.1	159	< 0.1	77

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
21200E 22250N	0.095	5.8	< 1	0.3	5.9	< 0.5	23	< 0.2	1.0	0.275	< 0.1	127	< 0.1	121
21200E 22300N	0.039	6.5	< 1	0.3	4.7	< 0.5	16	< 0.2	0.8	0.238	< 0.1	123	< 0.1	71
21200E 22350N	0.124	7.3	< 1	0.2	4.8	< 0.5	24	< 0.2	0.8	0.250	< 0.1	113	< 0.1	84
21200E 22400N	0.083	4.3	< 1	0.3	5.2	< 0.5	18	< 0.2	0.8	0.219	< 0.1	109	< 0.1	63
21200E 22450N	0.049	4.8	< 1	0.2	9.1	< 0.5	28	< 0.2	0.9	0.374	< 0.1	143	< 0.1	77
21200E 22500N	0.106	5.4	< 1	0.4	5.8	< 0.5	16	< 0.2	0.8	0.215	< 0.1	105	< 0.1	76
21200E 22550N	0.068	6.6	< 1	0.3	3.9	< 0.5	22	< 0.2	0.7	0.335	< 0.1	168	< 0.1	35
21200E 22600N	0.052	8.1	< 1	0.4	5.3	0.6	14	< 0.2	0.9	0.188	< 0.1	102	< 0.1	87
21200E 22650N	0.070	7.8	< 1	0.3	6.2	< 0.5	16	< 0.2	1.0	0.270	< 0.1	113	< 0.1	102
21200E 22700N	0.094	9.3	< 1	0.3	4.4	< 0.5	15	< 0.2	0.9	0.181	< 0.1	79	< 0.1	91
21200E 22750N	0.039	8.0	< 1	0.2	4.4	< 0.5	16	< 0.2	0.7	0.192	< 0.1	76	< 0.1	68
21200E 22800N	0.108	8.2	< 1	0.3	5.0	< 0.5	18	< 0.2	1.1	0.197	< 0.1	103	< 0.1	129
21200E 22850N	0.079	5.7	< 1	0.2	3.8	< 0.5	12	< 0.2	0.7	0.178	< 0.1	87	< 0.1	60
21200E 22900N	0.217	10.0	< 1	0.2	4.9	< 0.5	11	< 0.2	1.0	0.091	< 0.1	76	< 0.1	107
21300E 21900N	0.079	7.9	< 1	0.3	6.3	< 0.5	37	< 0.2	0.7	0.345	< 0.1	229	< 0.1	82
21300E 21950N	0.080	5.5	< 1	0.2	7.3	< 0.5	29	< 0.2	0.8	0.296	< 0.1	257	< 0.1	100
21300E 22000N	0.075	8.1	< 1	0.1	7.0	< 0.5	24	< 0.2	0.7	0.168	< 0.1	122	< 0.1	78
21300E 22050N	0.081	8.9	< 1	0.2	9.6	< 0.5	20	< 0.2	0.9	0.121	< 0.1	112	< 0.1	87
21300E 22100N	0.052	12.7	< 1	0.2	6.2	< 0.5	18	< 0.2	0.6	0.193	< 0.1	135	< 0.1	74
21300E 22150N	0.087	8.7	< 1	0.3	7.9	< 0.5	23	< 0.2	0.7	0.159	< 0.1	116	< 0.1	100
21300E 22200N	0.069	14.6	< 1	0.7	5.5	< 0.5	28	< 0.2	0.4	0.164	< 0.1	97	< 0.1	61
21300E 22250N	0.077	5.2	< 1	0.2	6.7	0.5	22	< 0.2	0.7	0.176	< 0.1	110	< 0.1	82
21300E 22300N	0.104	7.8	< 1	0.2	6.6	0.5	24	< 0.2	0.7	0.168	< 0.1	104	< 0.1	124
21300E 22350N	0.098	14.8	< 1	0.3	4.6	< 0.5	27	< 0.2	0.5	0.213	< 0.1	101	< 0.1	89
21300E 22400N	0.074	9.2	< 1	0.2	4.6	< 0.5	26	< 0.2	0.7	0.227	< 0.1	123	< 0.1	77
21300E 22450N	0.051	8.9	< 1	0.1	4.2	< 0.5	23	< 0.2	0.7	0.242	< 0.1	122	< 0.1	91
21300E 22500N	0.097	6.4	< 1	0.2	4.1	< 0.5	17	< 0.2	0.8	0.175	< 0.1	98	< 0.1	128
21300E 22550N	0.183	6.5	< 1	0.2	7.4	0.5	22	< 0.2	1.0	0.289	< 0.1	118	< 0.1	88
21300E 22600N	0.066	6.2	< 1	0.2	4.6	< 0.5	19	< 0.2	0.8	0.214	< 0.1	104	< 0.1	58
21300E 22650N	0.047	5.5	< 1	0.2	3.7	< 0.5	22	< 0.2	0.6	0.236	< 0.1	107	< 0.1	52
21300E 22700N	0.034	7.3	< 1	0.1	4.0	< 0.5	17	< 0.2	0.9	0.103	< 0.1	91	< 0.1	41
21300E 22750N	0.157	13.5	< 1	0.3	5.5	0.8	33	< 0.2	0.5	0.090	< 0.1	62	< 0.1	177
21300E 22800N	0.089	6.4	< 1	0.2	5.0	0.5	10	< 0.2	1.0	0.034	< 0.1	85	< 0.1	65
21300E 22850N	0.084	7.2	< 1	0.1	4.4	< 0.5	14	< 0.2	0.7	0.115	< 0.1	72	< 0.1	96
21300E 22900N	0.113	6.5	< 1	0.3	3.8	0.6	12	< 0.2	0.7	0.142	< 0.1	88	< 0.1	63
21400E 21900N	0.081	8.8	< 1	0.2	4.3	< 0.5	28	< 0.2	0.6	0.223	< 0.1	110	< 0.1	93
21400E 21950N	0.083	7.9	< 1	0.2	6.1	< 0.5	24	< 0.2	0.7	0.184	< 0.1	165	< 0.1	114
21400E 22000N	0.056	9.6	< 1	0.2	7.0	< 0.5	21	< 0.2	0.6	0.206	< 0.1	162	< 0.1	73
21400E 22050N	0.088	6.8	< 1	0.2	7.1	< 0.5	19	< 0.2	0.8	0.151	< 0.1	147	< 0.1	103
21400E 22100N	0.050	14.8	< 1	0.2	4.7	0.6	35	< 0.2	0.5	0.231	< 0.1	122	< 0.1	83
21400E 22150N	0.081	6.4	< 1	0.2	5.5	< 0.5	24	< 0.2	0.8	0.266	< 0.1	129	< 0.1	91
21400E 22200N	0.093	6.4	< 1	0.2	4.0	< 0.5	14	< 0.2	0.6	0.202	< 0.1	109	< 0.1	69
21400E 22250N	0.080	8.1	< 1	0.3	6.6	< 0.5	19	< 0.2	0.9	0.204	< 0.1	118	< 0.1	85
21400E 22300N	0.055	8.0	< 1	0.2	5.8	< 0.5	20	< 0.2	0.8	0.249	< 0.1	126	< 0.1	90
21400E 22350N	0.090	6.8	< 1	0.2	4.6	< 0.5	22	< 0.2	0.6	0.261	< 0.1	119	< 0.1	96
21400E 22400N	0.051	10.1	< 1	< 0.1	5.8	< 0.5	33	< 0.2	0.7	0.206	< 0.1	111	< 0.1	101
21400E 22450N	0.153	7.8	< 1	0.3	4.4	< 0.5	23	< 0.2	0.8	0.248	< 0.1	125	< 0.1	118
21400E 22500N	0.105	5.6	< 1	0.1	4.6	< 0.5	20	< 0.2	0.7	0.196	< 0.1	101	< 0.1	98
21400E 22550N	0.050	5.8	< 1	0.1	4.0	< 0.5	22	< 0.2	0.6	0.174	< 0.1	81	< 0.1	73
21400E 22600N	0.045	7.4	< 1	0.3	6.5	< 0.5	19	< 0.2	0.9	0.224	< 0.1	112	< 0.1	88
21400E 22650N	0.069	7.3	< 1	0.2	5.6	< 0.5	17	< 0.2	0.9	0.121	< 0.1	98	< 0.1	92

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
21400E 22700N	0.110	8.5	< 1	0.1	4.2	< 0.5	19	< 0.2	0.7	0.215	< 0.1	118	< 0.1	149
21400E 22750N	0.075	8.8	< 1	0.1	5.1	< 0.5	15	< 0.2	0.9	0.065	< 0.1	89	< 0.1	88
21400E 22800N	0.082	18.8	< 1	0.2	7.3	< 0.5	36	< 0.2	0.6	0.081	< 0.1	84	< 0.1	122
21400E 22850N	0.086	7.8	< 1	0.2	6.5	< 0.5	28	< 0.2	0.6	0.132	< 0.1	85	< 0.1	105
21400E 22900N	0.085	44.1	< 1	0.3	11.1	< 0.5	21	< 0.2	0.4	0.106	< 0.1	141	< 0.1	107
21450E 21900N	0.046	8.5	< 1	< 0.1	4.1	< 0.5	39	< 0.2	0.4	0.229	< 0.1	136	< 0.1	44
21450E 21950N	0.042	7.3	< 1	0.1	4.1	< 0.5	36	< 0.2	0.5	0.216	< 0.1	138	< 0.1	43
21450E 22000N	0.072	10.6	< 1	0.3	5.6	< 0.5	21	< 0.2	0.7	0.200	< 0.1	140	< 0.1	89
21450E 22050N	0.066	9.3	< 1	0.1	4.9	< 0.5	23	< 0.2	0.7	0.248	< 0.1	161	< 0.1	95
21450E 22100N	0.037	18.2	< 1	0.2	5.2	< 0.5	23	< 0.2	0.6	0.164	< 0.1	96	< 0.1	73
21450E 22150N	0.062	7.7	< 1	0.1	5.0	< 0.5	22	< 0.2	0.7	0.252	< 0.1	119	< 0.1	86
21450E 22200N	0.055	11.9	< 1	0.2	5.9	< 0.5	22	< 0.2	0.7	0.116	< 0.1	103	< 0.1	118
21450E 22250N	0.030	6.4	< 1	0.1	6.6	< 0.5	27	< 0.2	1.0	0.181	< 0.1	119	< 0.1	100
21450E 22300N	0.029	8.0	< 1	0.1	3.8	< 0.5	25	< 0.2	0.6	0.218	< 0.1	100	< 0.1	50
21450E 22350N	0.061	8.3	< 1	0.3	6.0	< 0.5	21	< 0.2	0.7	0.280	< 0.1	117	< 0.1	75
21450E 22400N	0.057	4.1	< 1	0.2	9.5	< 0.5	28	< 0.2	0.6	0.338	< 0.1	139	< 0.1	56
21450E 22450N	0.063	6.0	< 1	0.3	5.1	< 0.5	24	< 0.2	0.8	0.259	< 0.1	127	< 0.1	73
21450E 22500N	0.075	7.1	< 1	0.1	4.4	< 0.5	26	< 0.2	0.7	0.221	< 0.1	103	< 0.1	67
21450E 22550N	0.059	12.1	< 1	0.2	4.3	< 0.5	30	< 0.2	0.7	0.213	< 0.1	105	0.1	44
21450E 22600N	0.082	8.0	< 1	0.2	4.5	< 0.5	28	< 0.2	1.1	0.224	< 0.1	107	< 0.1	80
21450E 22650N	0.089	7.1	< 1	< 0.1	5.7	< 0.5	17	< 0.2	1.2	0.075	< 0.1	96	< 0.1	89
21450E 22700N	0.068	11.9	< 1	0.1	5.7	< 0.5	26	< 0.2	0.8	0.168	< 0.1	127	< 0.1	120
21450E 22750N	0.115	12.7	< 1	< 0.1	6.9	0.7	8	< 0.2	1.7	0.015	< 0.1	79	< 0.1	81
21450E 22800N	0.142	5.0	< 1	< 0.1	6.5	0.5	14	< 0.2	0.8	0.092	< 0.1	102	< 0.1	78
21450E 22850N	0.071	19.6	< 1	0.1	7.6	0.7	31	< 0.2	0.5	0.145	< 0.1	111	< 0.1	74
21450E 22900N	0.057	10.4	< 1	< 0.1	6.0	0.5	23	< 0.2	0.7	0.161	< 0.1	131	< 0.1	88
21500E 21900N	0.073	5.7	< 1	0.1	6.6	< 0.5	20	< 0.2	0.8	0.176	< 0.1	101	0.9	70
21500E 21950N	0.070	5.8	< 1	< 0.1	10.8	0.6	23	< 0.2	0.8	0.152	< 0.1	125	< 0.1	84
21500E 22000N	0.075	6.0	< 1	0.1	8.0	0.7	21	< 0.2	1.1	0.223	< 0.1	147	< 0.1	99
21500E 22050N	0.038	9.8	< 1	0.2	6.2	0.7	19	< 0.2	0.8	0.137	< 0.1	126	< 0.1	82
21500E 22100N	0.087	13.8	< 1	< 0.1	6.2	0.8	19	< 0.2	0.7	0.151	< 0.1	99	< 0.1	106
21500E 22150N	0.053	10.1	< 1	< 0.1	6.0	< 0.5	22	< 0.2	0.7	0.132	< 0.1	96	< 0.1	90
21500E 22200N	0.065	10.0	< 1	0.1	7.2	0.6	20	< 0.2	0.8	0.089	< 0.1	98	< 0.1	116
21500E 22250N	0.030	4.9	< 1	< 0.1	6.5	< 0.5	22	< 0.2	0.8	0.169	< 0.1	96	< 0.1	73
21500E 22300N	0.099	10.4	< 1	0.2	6.2	0.6	27	< 0.2	0.7	0.183	< 0.1	133	< 0.1	133
21500E 22350N	0.055	6.3	< 1	< 0.1	4.7	0.7	18	< 0.2	0.7	0.164	< 0.1	102	< 0.1	79
21500E 22400N	0.069	38.8	< 1	0.3	9.7	0.7	34	< 0.2	0.9	0.229	< 0.1	138	< 0.1	126
21500E 22450N	0.068	6.3	< 1	0.1	7.7	0.6	22	< 0.2	0.7	0.173	< 0.1	129	< 0.1	85
21500E 22500N	0.131	6.5	< 1	< 0.1	6.1	< 0.5	23	< 0.2	0.7	0.100	< 0.1	117	< 0.1	85
21500E 22550N	0.040	6.0	< 1	0.1	6.3	0.5	15	< 0.2	0.9	0.077	< 0.1	103	< 0.1	83
21500E 22600N	0.103	7.9	< 1	< 0.1	4.8	0.6	24	< 0.2	0.9	0.205	< 0.1	117	< 0.1	78
21500E 22650N	0.037	5.7	< 1	0.2	10.5	0.6	19	< 0.2	0.9	0.192	< 0.1	102	< 0.1	82
21500E 22700N	0.046	7.5	< 1	0.2	5.8	< 0.5	19	< 0.2	0.8	0.179	< 0.1	96	< 0.1	80
21500E 22750N	0.132	11.3	< 1	< 0.1	5.1	0.6	7	< 0.2	1.6	0.005	< 0.1	73	< 0.1	84
21500E 22800N	0.048	6.6	< 1	0.2	10.9	0.7	19	< 0.2	1.1	0.196	< 0.1	130	< 0.1	92
21500E 22850N	0.087	18.4	< 1	0.1	7.1	0.9	41	< 0.2	0.4	0.117	< 0.1	117	< 0.1	139
21500E 22900N	0.048	7.9	< 1	0.2	6.9	0.5	20	< 0.2	1.1	0.124	< 0.1	100	< 0.1	146
21550E 22000N	0.081	6.9	< 1	< 0.1	6.1	0.5	23	< 0.2	0.7	0.149	< 0.1	156	< 0.1	112
21550E 22050N	0.076	7.9	< 1	0.2	9.2	0.5	24	< 0.2	0.9	0.176	< 0.1	97	< 0.1	86
21550E 22100N	0.076	14.6	< 1	0.4	9.9	0.6	17	< 0.2	1.1	0.100	< 0.1	77	< 0.1	157
21550E 22150N	0.079	12.9	< 1	0.2	8.4	0.6	25	< 0.2	0.9	0.149	< 0.1	101	< 0.1	107

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
21550E 22200N	0.071	8.4	< 1	< 0.1	9.0	< 0.5	22	< 0.2	0.8	0.190	< 0.1	109	< 0.1	81
21550E 22250N	0.084	12.9	< 1	0.2	10.8	< 0.5	25	< 0.2	1.0	0.161	< 0.1	122	< 0.1	89
21550E 22300N	0.075	13.1	< 1	0.2	10.6	0.5	21	< 0.2	0.8	0.125	< 0.1	101	< 0.1	99
21550E 22350N	0.125	41.4	< 1	0.2	7.7	0.6	31	< 0.2	0.8	0.096	< 0.1	96	< 0.1	142
21550E 22400N	0.099	17.7	< 1	0.4	12.8	0.5	41	< 0.2	0.9	0.125	< 0.1	122	0.1	102
21550E 22450N	0.083	7.7	< 1	0.1	8.0	0.7	23	< 0.2	0.8	0.125	< 0.1	94	< 0.1	80
21550E 22500N	0.114	7.1	< 1	0.3	7.5	2.4	16	< 0.2	1.1	0.024	< 0.1	60	< 0.1	72
21550E 22550N	0.085	7.4	< 1	0.2	7.0	< 0.5	30	< 0.2	0.8	0.156	< 0.1	105	< 0.1	76
21550E 22600N	0.107	6.4	< 1	0.2	8.5	0.5	33	< 0.2	1.0	0.130	< 0.1	101	< 0.1	87
21550E 22650N	0.072	6.0	< 1	0.1	12.1	< 0.5	30	< 0.2	0.9	0.240	< 0.1	147	< 0.1	78
21550E 22700N	0.072	6.9	< 1	0.3	11.5	< 0.5	29	< 0.2	0.8	0.184	< 0.1	120	0.2	83
21550E 22750N	0.085	5.8	< 1	0.2	10.3	< 0.5	41	< 0.2	0.9	0.191	< 0.1	122	< 0.1	88
21550E 22800N	0.087	6.7	< 1	< 0.1	7.3	0.6	25	< 0.2	0.7	0.123	< 0.1	99	< 0.1	82
21550E 22850N	0.081	6.0	< 1	0.1	7.9	< 0.5	32	< 0.2	0.6	0.124	< 0.1	83	< 0.1	77
21550E 22900N	0.069	5.9	< 1	< 0.1	5.8	< 0.5	22	< 0.2	0.9	0.109	< 0.1	100	< 0.1	90
21600E 21900N NS														
21600E 21950N	0.028	14.6	< 1	0.1	8.8	< 0.5	10	< 0.2	0.7	0.078	< 0.1	116	< 0.1	56
21600E 22000N	0.030	8.2	< 1	0.2	5.0	< 0.5	16	< 0.2	0.9	0.099	< 0.1	85	< 0.1	67
21600E 22050N	0.024	8.1	< 1	0.1	3.8	< 0.5	16	< 0.2	0.8	0.089	< 0.1	73	< 0.1	50
21600E 22100N	0.019	8.0	< 1	< 0.1	7.2	< 0.5	15	< 0.2	0.7	0.108	< 0.1	86	< 0.1	72
21600E 22150N	0.086	29.9	< 1	0.2	6.4	< 0.5	11	< 0.2	0.7	0.019	< 0.1	65	< 0.1	237
21600E 22200N	0.066	20.0	< 1	< 0.1	7.5	< 0.5	18	< 0.2	0.7	0.113	< 0.1	96	< 0.1	102
21600E 22250N	0.051	8.6	< 1	< 0.1	6.9	< 0.5	24	< 0.2	1.0	0.106	< 0.1	97	< 0.1	81
21600E 22300N	0.065	14.7	< 1	0.2	6.8	< 0.5	23	< 0.2	1.1	0.196	< 0.1	116	< 0.1	93
21600E 22350N	0.089	6.2	< 1	0.2	4.7	0.6	26	< 0.2	0.5	0.214	< 0.1	123	< 0.1	59
21600E 22400N	0.026	7.9	< 1	< 0.1	6.1	0.6	30	< 0.2	0.5	0.138	< 0.1	96	< 0.1	59
21600E 22450N	0.046	6.1	< 1	0.2	13.4	< 0.5	24	< 0.2	1.1	0.219	< 0.1	141	< 0.1	84
21600E 22500N	0.092	13.7	< 1	0.2	4.2	< 0.5	23	< 0.2	0.5	0.165	< 0.1	95	< 0.1	73
21600E 22550N	0.044	12.3	< 1	0.1	7.6	< 0.5	17	< 0.2	0.7	0.161	< 0.1	108	< 0.1	66
21600E 22600N	0.080	5.6	< 1	0.2	9.9	< 0.5	36	< 0.2	0.9	0.155	< 0.1	103	< 0.1	84
21600E 22650N	0.064	6.3	< 1	0.1	12.5	< 0.5	26	< 0.2	1.0	0.236	< 0.1	131	< 0.1	83
21600E 22700N	0.078	7.6	< 1	0.1	9.7	< 0.5	32	< 0.2	0.8	0.188	< 0.1	106	< 0.1	77
21600E 22750N	0.090	6.0	< 1	0.2	10.3	< 0.5	47	< 0.2	0.9	0.202	< 0.1	122	< 0.1	88
21600E 22800N	0.090	6.5	< 1	< 0.1	4.6	< 0.5	29	< 0.2	0.7	0.214	< 0.1	114	< 0.1	78
21600E 22850N	0.223	6.8	< 1	0.2	5.4	< 0.5	21	< 0.2	0.9	0.202	< 0.1	105	< 0.1	93
21600E 22900N	0.085	8.3	< 1	0.2	6.2	< 0.5	21	< 0.2	1.0	0.135	< 0.1	116	< 0.1	126
20350E 20500N	0.087	11.8	< 1	0.2	6.3	0.5	40	< 0.2	0.8	0.228	< 0.1	118	< 0.1	82
20350E 20525N	0.041	9.7	< 1	0.1	5.2	< 0.5	34	< 0.2	0.9	0.201	< 0.1	93	< 0.1	99
20350E 20550N	0.044	11.0	< 1	0.1	5.7	< 0.5	21	< 0.2	0.8	0.115	< 0.1	98	< 0.1	121
20350E 20575N	0.067	7.2	< 1	0.3	4.9	< 0.5	14	< 0.2	1.1	0.076	< 0.1	83	< 0.1	125
20350E 20600N	0.082	7.5	< 1	0.2	8.2	< 0.5	25	< 0.2	0.4	0.246	< 0.1	140	< 0.1	111
20350E 20625N	0.083	6.3	< 1	0.2	8.1	< 0.5	25	< 0.2	0.4	0.259	< 0.1	136	< 0.1	108
20350E 20650N	0.056	7.2	< 1	0.2	4.9	< 0.5	25	< 0.2	0.8	0.171	< 0.1	100	< 0.1	95
20350E 20675N	0.038	9.6	< 1	0.5	4.4	< 0.5	17	< 0.2	0.8	0.132	< 0.1	85	< 0.1	117
20350E 20700N	0.066	11.6	< 1	0.8	7.5	< 0.5	19	< 0.2	0.9	0.085	< 0.1	74	< 0.1	222
20350E 20725N	0.035	17.6	< 1	0.4	4.0	< 0.5	20	< 0.2	0.5	0.224	< 0.1	105	< 0.1	63
20350E 20750N	0.061	11.8	< 1	0.4	4.5	< 0.5	21	< 0.2	0.6	0.301	< 0.1	136	< 0.1	64
20350E 20775N	0.075	7.9	< 1	0.5	4.7	0.6	14	< 0.2	1.0	0.218	< 0.1	119	< 0.1	90
20350E 20800N	0.053	6.1	< 1	0.3	4.7	< 0.5	15	< 0.2	0.9	0.191	< 0.1	116	< 0.1	69
20350E 20825N	0.042	5.0	< 1	0.2	3.7	< 0.5	17	< 0.2	0.7	0.192	< 0.1	93	< 0.1	66

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
20350E 20850N	0.038	4.7	< 1	0.1	3.8	< 0.5	17	< 0.2	0.7	0.199	< 0.1	90	< 0.1	55
20350E 20875N	0.078	7.6	< 1	0.5	4.2	0.5	15	< 0.2	0.7	0.208	< 0.1	155	< 0.1	40
20350E 20900N	0.023	12.6	< 1	0.2	3.1	< 0.5	20	< 0.2	0.5	0.215	< 0.1	79	< 0.1	25
20350E 20925N	0.117	6.4	< 1	0.3	4.8	0.8	14	< 0.2	1.0	0.153	< 0.1	92	< 0.1	55
20350E 20950N	0.139	6.9	< 1	0.2	5.3	< 0.5	10	< 0.2	1.0	0.111	< 0.1	80	< 0.1	69
20350E 20975N	0.056	12.0	< 1	0.4	3.3	< 0.5	15	< 0.2	0.6	0.213	< 0.1	98	< 0.1	34
20350E 21000N	0.072	7.2	< 1	0.3	3.4	< 0.5	15	< 0.2	0.7	0.179	< 0.1	89	< 0.1	39
20400E 20500N	0.078	11.9	< 1	0.4	4.2	< 0.5	18	< 0.2	0.7	0.089	< 0.1	88	< 0.1	160
20400E 20525N	0.062	4.5	< 1	0.2	7.3	< 0.5	21	< 0.2	0.6	0.205	< 0.1	126	< 0.1	111
20400E 20550N	0.067	25.4	< 1	0.1	6.9	< 0.5	20	< 0.2	0.6	0.063	< 0.1	101	< 0.1	202
20400E 20575N	0.063	14.7	< 1	0.6	9.3	< 0.5	18	< 0.2	0.8	0.125	< 0.1	102	< 0.1	146
20400E 20600N	0.067	9.8	< 1	0.6	7.2	< 0.5	18	< 0.2	0.9	0.102	< 0.1	85	< 0.1	139
20400E 20625N	0.022	8.1	< 1	0.3	3.8	< 0.5	14	< 0.2	0.9	0.067	< 0.1	72	< 0.1	61
20400E 20650N	0.046	10.9	< 1	0.8	4.1	< 0.5	19	< 0.2	0.7	0.188	< 0.1	104	< 0.1	131
20400E 20675N	0.094	10.9	< 1	0.5	5.0	< 0.5	17	< 0.2	0.8	0.239	< 0.1	114	< 0.1	74
20400E 20700N	0.056	7.0	< 1	0.4	4.7	< 0.5	19	< 0.2	0.7	0.279	< 0.1	110	0.3	71
20400E 20725N	0.049	5.2	< 1	0.3	4.4	< 0.5	18	< 0.2	0.6	0.218	< 0.1	108	< 0.1	61
20400E 20750N	0.051	11.2	< 1	0.4	5.1	< 0.5	28	< 0.2	0.6	0.286	< 0.1	145	< 0.1	47
20400E 20775N NS														
20400E 20800N	0.114	11.0	< 1	0.3	4.3	1.2	13	< 0.2	0.1	0.106	< 0.1	74	< 0.1	51
20400E 20825N	0.050	7.3	< 1	0.4	4.1	< 0.5	20	< 0.2	0.9	0.215	< 0.1	141	< 0.1	36
20400E 20850N	0.093	7.1	< 1	0.7	5.1	0.8	16	< 0.2	0.8	0.252	< 0.1	156	< 0.1	58
20400E 20875N	0.135	6.9	< 1	0.4	5.3	0.9	13	< 0.2	1.2	0.192	< 0.1	131	< 0.1	56
20400E 20900N	0.048	4.7	< 1	0.3	5.1	< 0.5	12	< 0.2	0.6	0.108	< 0.1	109	< 0.1	52
20400E 20925N	0.049	3.4	< 1	< 0.1	6.8	< 0.5	8	< 0.2	0.4	0.011	< 0.1	149	< 0.1	82
20400E 20950N	0.210	18.0	< 1	0.1	4.1	< 0.5	13	< 0.2	0.4	0.125	< 0.1	89	< 0.1	56
20400E 20975N	0.098	16.4	< 1	0.1	6.0	< 0.5	13	< 0.2	0.5	0.231	< 0.1	122	< 0.1	82
20400E 21000N	0.067	5.8	< 1	0.4	4.1	< 0.5	16	< 0.2	0.6	0.185	< 0.1	95	< 0.1	153

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			5.12	3.3	12.0		88.2	0.2	0.10		24.3	437	326	13.0	16		0.10	11	0.16	383		0.037	183
OREAS 45d (Aqua Regia) Cert			4.86	6.50	21		80	0.30	0.09		26.2	467	345	13.7	17.9		0.097	10.0	0.144	400		0.031	176
OREAS 45d (Aqua Regia) Meas			4.91	4.4	18.6		84.3	0.3	0.10		25.3	452	332	13.3	17		0.10	10	0.17	388		0.035	190
OREAS 45d (Aqua Regia) Cert			4.86	6.50	21		80	0.30	0.09		26.2	467	345	13.7	17.9		0.097	10	0.144	400		0.031	176
OREAS 922 (AQUA REGIA) Meas		0.9	2.50	6.6			69.4	9.0	0.34	0.3	17.9	42	2060	4.78	7		0.36	35	1.31	715	0.7	0.021	32.5
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 907 (Aqua Regia) Meas		1.4	1.11	38.3	100		254	23.5	0.28	0.5	44.0	9	6530	8.17	15		0.33	39	0.23	341	5.8	0.083	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	3540																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3580																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3520																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3460																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3490																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3600																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3530																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3500																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 263 (Aqua Regia) Meas		0.3	1.62	29.7			187	0.5	1.01	0.2	29.6	52	81.5	3.34	3	0.17	0.30		0.60	453	0.5	0.077	69.9
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		6.8	1.16	214				3.1	1.75	29.7	26.5	24	231	7.22	5	0.68	0.53	25	0.95	1670	8.1		35.2

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
(Aqua Regia) Meas																							
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		6.2	1.21	223				3.2	1.91	29.6	26.9	25	251	7.53	5	0.77	0.53	25	0.97	1750	9.2		35.7
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 623 (Aqua Regia) Meas		21.5	1.86	88.5	822			17.9	1.13	55.2	248	22	> 10000	14.2	14	0.71	0.19	18	1.18	631	10.8	0.072	19.2
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		19.6	1.61	77.8	810			16.6	1.04	50.7	195	18	> 10000	12.5	13	0.78	0.16	18	0.98	539	9.5	0.070	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 E1336 (Fire Assay) Meas	504																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	493																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	502																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	499																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	501																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	511																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	507																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	499																						
Oreas E1336 (Fire Assay) Cert	510.000																						
OREAS 521 (Aqua Regia) Meas		0.8	1.21	331	403			5.7	3.43		343	32	5550	20.3	12		0.40	114	1.02	3100	136	0.047	66.9
OREAS 521 (Aqua Regia) Cert		0.8	1.44	333	365			5.8	3.66		374	33	5990	20.0	14		0.53	147	1.10	3000	133	0.045	68.0
Oreas 620 (Aqua Regia) Meas		37.3	1.08	47.4	724		8.1	1.8	1.19	155.0	12.0	19	1610	2.37	7	2.19	0.28	25	0.23	397	8.7	0.119	15.0
Oreas 620 (Aqua Regia) Cert		38.4	1.12	47.2	666		450	1.9	1.29	161.0	12.2	17	1750	2.58	6	2.14	0.31	25	0.27	414	9.0	0.117	14.4
21000E 22150N	16	0.3	3.51	8.6	8.9	< 20	255	< 0.1	0.43	< 0.1	16.8	40	125	4.22	7	0.11	0.06	9	0.82	558	1.2	0.030	37.6

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
Orig																							
21000E 22150N Dup	11	0.3	3.59	8.4	6.1	< 20	248	< 0.1	0.44	0.2	16.1	40	125	4.13	7	0.09	0.06	9	0.85	595	1.2	0.032	37.8
21000E 22650N Orig	11																						
21000E 22650N Dup	11																						
21100E 22000N Orig		0.2	2.47	7.4	4.6	< 20	309	0.1	0.73	0.3	14.6	40	69.1	3.84	4	0.11	0.04	15	0.81	2630	2.0	0.032	46.2
21100E 22000N Dup		0.2	2.31	6.9	2.5	< 20	268	0.1	0.68	0.3	13.6	39	64.3	3.44	5	0.08	0.04	13	0.76	2540	1.7	0.029	44.6
21100E 22250N Orig	38																						
21100E 22250N Dup	8																						
21100E 22850N Orig		0.6	2.11	65.1	1.4	< 20	399	0.2	0.34	0.2	21.6	21	120	3.59	< 1	0.10	0.05	36	0.36	2590	3.0	0.014	52.3
21100E 22850N Dup		0.6	2.03	64.3	5.9	< 20	366	0.2	0.32	0.3	21.2	20	120	3.49	3	0.12	0.05	34	0.37	2490	3.0	0.015	47.4
21200E 22000N Orig	11																						
21200E 22000N Dup	13																						
21200E 22450N Orig	13																						
21200E 22450N Dup	13																						
21200E 22800N Orig		0.3	3.21	15.0	2.6	< 20	187	0.2	0.28	0.1	12.3	46	56.5	4.73	9	0.06	0.05	9	0.62	389	2.1	0.016	26.2
21200E 22800N Dup		0.3	3.14	14.9	< 0.5	< 20	175	0.1	0.28	0.2	11.4	44	52.9	4.58	8	0.06	0.04	8	0.61	362	2.1	0.016	25.5
21300E 21950N Orig	13																						
21300E 21950N Dup	13																						
21300E 22400N Orig		0.5	2.13	3.3	2.5	< 20	169	0.1	0.44	0.2	13.7	54	52.7	4.17	9	0.11	0.04	8	0.46	1530	0.6	0.017	21.6
21300E 22400N Dup		0.5	1.98	3.0	1.5	< 20	167	0.1	0.44	0.2	14.1	52	51.9	4.03	9	0.09	0.04	8	0.46	1490	0.6	0.018	21.6
21300E 22700N Orig	7																						
21300E 22700N Dup	8																						
21400E 21900N Orig		0.1	1.97	3.0	< 0.5	< 20	245	0.1	0.40	0.1	13.0	35	43.3	3.73	6	0.09	0.04	8	0.50	3740	0.5	0.016	21.7
21400E 21900N Dup		0.1	1.88	3.5	93.8	< 20	234	0.1	0.40	0.1	12.9	35	42.6	3.73	6	0.07	0.04	7	0.49	3640	0.4	0.016	21.5
21400E 22150N Orig	16																						
21400E 22150N Dup	9																						
21400E 22550N Orig		0.1	1.88	2.6	8.3	< 20	175	0.1	0.34	< 0.1	11.2	35	37.8	3.11	6	0.10	0.04	8	0.55	671	0.5	0.015	23.3
21400E 22550N Dup		0.1	1.95	3.2	1.3	< 20	186	0.1	0.34	< 0.1	11.6	36	38.4	3.19	5	0.08	0.05	8	0.57	731	0.4	0.016	23.0
21400E 22700N Orig	11																						
21400E 22700N	8																						

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
Dup																							
21450E 22300N Orig		0.1	1.73	2.4	< 0.5	< 20	192	0.1	0.36	< 0.1	7.0	35	24.3	3.53	6	0.04	0.04	9	0.38	525	0.3	0.016	16.6
21450E 22300N Dup		0.1	1.70	2.7	1.0	< 20	185	0.1	0.33	< 0.1	7.0	35	23.6	3.47	6	0.03	0.04	9	0.39	525	0.3	0.016	16.3
21450E 22400N Orig	18																						
21450E 22400N Dup	13																						
21500E 21900N Orig	9	0.2	2.76	4.4	1.4	< 20	131	0.1	0.36	< 0.1	17.4	62	128	4.46	8	0.06	0.04	6	1.00	671	0.5	0.015	43.9
21500E 21900N Dup	11	0.2	2.78	4.6	1.5	< 20	134	< 0.1	0.37	< 0.1	17.6	62	130	4.55	8	0.06	0.04	6	1.00	690	0.5	0.016	45.4
21500E 22400N Orig	12																						
21500E 22400N Dup	8																						
21500E 22500N Orig		0.2	3.00	2.2	< 0.5	< 20	536	0.1	0.31	0.2	18.3	78	60.9	4.85	8	0.11	0.06	7	0.80	1410	0.6	0.018	43.5
21500E 22500N Dup		0.2	3.03	2.8	< 0.5	< 20	568	0.1	0.32	0.1	18.5	79	61.5	4.86	8	0.10	0.06	8	0.79	1370	0.7	0.020	43.5
21550E 22200N Orig	19																						
21550E 22200N Dup	13																						
21550E 22400N Orig		0.2	2.14	10.2	3.7	< 20	357	0.2	0.61	0.3	22.0	25	163	5.27	6	0.11	0.22	12	1.09	3060	1.3	0.018	23.7
21550E 22400N Dup		0.2	2.07	9.9	4.5	< 20	333	0.2	0.59	0.3	21.3	24	164	5.10	7	0.11	0.21	12	1.06	2960	1.2	0.019	23.9
21550E 22800N Orig	17																						
21550E 22800N Dup	18																						
21600E 22250N Orig	13																						
21600E 22250N Dup	21																						
21600E 22450N Orig		0.1	4.46	4.1	1.8	< 20	255	< 0.1	0.30	< 0.1	23.8	121	179	5.38	10	0.07	0.06	9	1.35	822	0.9	0.016	80.7
21600E 22450N Dup		0.1	4.11	3.6	1.9	< 20	255	< 0.1	0.30	< 0.1	22.1	112	165	4.94	9	0.07	0.06	9	1.26	760	0.8	0.017	74.2
21600E 22850N Orig		0.3	3.54	4.7	2.3	< 20	183	0.1	0.33	< 0.1	22.0	87	61.2	5.28	9	0.09	0.04	6	1.05	788	0.5	0.019	48.4
21600E 22850N Dup		0.3	3.46	4.4	3.3	< 20	181	0.1	0.29	< 0.1	20.6	84	61.3	5.18	9	0.09	0.04	6	1.02	765	0.6	0.018	47.5
20350E 20525N Orig	12																						
20350E 20525N Dup	16																						
20350E 20800N Orig	11	0.2	4.18	8.5	1.1	< 20	134	0.2	0.31	< 0.1	14.2	40	146	5.19	10	0.08	0.05	7	0.78	337	0.7	0.019	33.4
20350E 20800N Dup	10	0.2	4.14	8.1	3.1	< 20	133	0.1	0.31	0.1	13.8	39	149	4.92	10	0.10	0.05	7	0.76	342	0.8	0.018	33.6
20400E 20525N Orig	10																						
20400E 20525N Dup	10																						
20400E 20725N		0.2	2.73	9.4	2.4	< 20	102	0.1	0.39	< 0.1	11.1	32	75.2	4.06	9	0.11	0.03	5	0.66	313	0.5	0.024	23.6

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
Orig																							
20400E 20725N Dup		0.2	2.99	9.5	11.2	< 20	111	0.1	0.43	< 0.1	11.3	33	80.3	4.21	9	0.09	0.03	6	0.68	338	0.5	0.024	23.3
20400E 20750N Orig	19																						
20400E 20750N Dup	18																						
Method Blank	5																						
Method Blank	4																						
Method Blank	4																						
Method Blank	4																						
Method Blank	5																						
Method Blank	4																						
Method Blank	4																						
Method Blank	5																						
Method Blank	5																						
Method Blank	4																						
Method Blank	4																						
Method Blank	5																						
Method Blank	4																						
Method Blank	5																						
Method Blank	5																						
Method Blank		< 0.1	< 0.01	0.5	2.2	< 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	0.006	< 0.1
Method Blank		< 0.1	< 0.01	0.8	1.2	< 20	1.9	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2	< 0.01	< 1	0.01	< 0.01	< 1	< 0.01	< 1	< 0.1	0.006	< 0.1
Method Blank		< 0.1	< 0.01	0.9	2.0	< 20	2.2	< 0.1	< 0.01	< 0.1	< 0.1	3	< 0.2	< 0.01	< 1	0.03	< 0.01	< 1	< 0.01	< 1	< 0.1	0.006	0.2
Method Blank		< 0.1	< 0.01	< 0.5	< 0.5	< 20	3.1	< 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	0.2

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	0.033	17.5	< 1		37.0		11		10.0			179		31
OREAS 45d (Aqua Regia) Cert	0.035	17.0	0.045		41.50		11.0		11.3			201		30.6
OREAS 45d (Aqua Regia) Meas	0.034	17.4	< 1		37.5		12		9.9			181		36
OREAS 45d (Aqua Regia) Cert	0.035	17.0	0.045		41.50		11.0		11.3			201		30.6
OREAS 922 (AQUA REGIA) Meas	0.065	59.2	< 1	0.6	3.4	2.0	15		14.3		0.2	29	0.8	255
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 907 (Aqua Regia) Meas	0.021	34.0	< 1	1.5	2.3	9.6	11	0.2	8.5	0.018	0.1	5	0.5	141
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 239 (Fire Assay) Meas														
OREAS 239 (Fire Assay) Cert														
OREAS 239 (Fire Assay) Meas														
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OREAS 239 (Fire Assay) Meas														
OREAS 239 (Fire Assay) Cert														
OREAS 263 (Aqua Regia) Meas	0.041	35.3	< 1	7.4	3.7		17	< 0.2	10.3		0.5	24		121
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	0.091	1330	6	2.6	3.7		21	< 0.2	9.9	0.032	3.0	36	1.1	> 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
(Aqua Regia) Meas														
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	0.099	1390	6	5.8	3.6		23	< 0.2	9.9	0.033	4.8	38	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 623 (Aqua Regia) Meas	0.045	2450	9	16.9	5.2	22.0	14	0.6	4.7		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	0.039	2420	9	18.3	4.3	17.8	13	0.5	4.5		0.3	14	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 E1336 (Fire Assay) Meas														
Oreas E1336 (Fire Assay) Cert														
Oreas E1336 (Fire Assay) Meas														
Oreas E1336 (Fire Assay) Cert														
Oreas E1336 (Fire Assay) Meas														
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Oreas E1336 (Fire Assay) Meas														
Oreas E1336 (Fire Assay) Cert														
OREAS 521 (Aqua Regia) Meas	0.082	8.4	2	3.8	9.2	1.3	34	0.7	6.0	0.142	0.1	195	71.7	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 620 (Aqua Regia) Meas	0.027	> 5000	3	55.3			18		6.8		0.7	7	0.6	> 5000
Oreas 620 (Aqua Regia) Cert	0.031	7740	2	62.0			20		7.5		0.5	7	0.8	31200
21000E 22150N	0.077	4.8	< 1	0.4	7.0	< 0.5	17	< 0.2	1.0	0.221	< 0.1	118	< 0.1	101

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														
21000E 22150N Dup	0.076	4.9	< 1	0.5	7.5	< 0.5	20	< 0.2	1.0	0.230	< 0.1	120	< 0.1	105
21000E 22650N Orig														
21000E 22650N Dup														
21100E 22000N Orig	0.057	6.5	< 1	0.4	5.5	< 0.5	24	< 0.2	0.8	0.256	< 0.1	109	< 0.1	163
21100E 22000N Dup	0.052	6.2	< 1	0.4	5.2	0.5	24	< 0.2	0.7	0.221	< 0.1	99	< 0.1	156
21100E 22250N Orig														
21100E 22250N Dup														
21100E 22850N Orig	0.066	19.1	< 1	0.8	4.9	< 0.5	13	< 0.2	0.6	0.068	< 0.1	71	< 0.1	254
21100E 22850N Dup	0.065	18.3	< 1	0.9	4.8	< 0.5	11	< 0.2	0.6	0.061	< 0.1	68	< 0.1	239
21200E 22000N Orig														
21200E 22000N Dup														
21200E 22450N Orig														
21200E 22450N Dup														
21200E 22800N Orig	0.108	8.2	< 1	0.3	5.0	< 0.5	18	< 0.2	1.1	0.197	< 0.1	103	< 0.1	129
21200E 22800N Dup	0.102	7.8	< 1	0.3	4.3	< 0.5	17	< 0.2	1.1	0.185	< 0.1	98	< 0.1	123
21300E 21950N Orig														
21300E 21950N Dup														
21300E 22400N Orig	0.074	9.2	< 1	0.2	4.6	< 0.5	26	< 0.2	0.7	0.227	< 0.1	123	< 0.1	77
21300E 22400N Dup	0.072	8.9	< 1	0.2	4.6	< 0.5	27	< 0.2	0.7	0.230	< 0.1	120	< 0.1	76
21300E 22700N Orig														
21300E 22700N Dup														
21400E 21900N Orig	0.081	8.8	< 1	0.2	4.3	< 0.5	28	< 0.2	0.6	0.223	< 0.1	110	< 0.1	93
21400E 21900N Dup	0.081	9.0	< 1	0.2	4.1	< 0.5	24	< 0.2	0.6	0.206	< 0.1	105	< 0.1	112
21400E 22150N Orig														
21400E 22150N Dup														
21400E 22550N Orig	0.050	5.8	< 1	0.1	4.0	< 0.5	22	< 0.2	0.6	0.174	< 0.1	81	< 0.1	73
21400E 22550N Dup	0.050	6.0	< 1	0.1	4.2	< 0.5	24	< 0.2	0.7	0.182	< 0.1	82	< 0.1	71
21400E 22700N Orig														
21400E 22700N														

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
Dup														
21450E 22300N Orig	0.029	8.0	< 1	0.1	3.8	< 0.5	25	< 0.2	0.6	0.218	< 0.1	100	< 0.1	50
21450E 22300N Dup	0.028	8.0	< 1	< 0.1	3.6	< 0.5	23	< 0.2	0.6	0.199	< 0.1	97	< 0.1	47
21450E 22400N Orig														
21450E 22400N Dup														
21500E 21900N Orig	0.073	5.7	< 1	0.1	6.6	< 0.5	20	< 0.2	0.8	0.176	< 0.1	101	0.9	70
21500E 21900N Dup	0.075	5.8	< 1	0.1	6.7	0.5	23	< 0.2	0.9	0.196	< 0.1	108	< 0.1	74
21500E 22400N Orig														
21500E 22400N Dup														
21500E 22500N Orig	0.131	6.5	< 1	< 0.1	6.1	< 0.5	23	< 0.2	0.7	0.100	< 0.1	117	< 0.1	85
21500E 22500N Dup	0.132	6.4	< 1	< 0.1	6.3	0.6	26	< 0.2	0.8	0.109	< 0.1	125	< 0.1	85
21550E 22200N Orig														
21550E 22200N Dup														
21550E 22400N Orig	0.099	17.7	< 1	0.4	12.8	0.5	41	< 0.2	0.9	0.125	< 0.1	122	0.1	102
21550E 22400N Dup	0.095	17.7	< 1	0.3	12.6	< 0.5	40	< 0.2	0.9	0.123	< 0.1	119	0.1	100
21550E 22800N Orig														
21550E 22800N Dup														
21600E 22250N Orig														
21600E 22250N Dup														
21600E 22450N Orig	0.046	6.1	< 1	0.2	13.4	< 0.5	24	< 0.2	1.1	0.219	< 0.1	141	< 0.1	84
21600E 22450N Dup	0.042	6.0	< 1	0.2	12.7	< 0.5	23	< 0.2	1.1	0.217	< 0.1	134	< 0.1	77
21600E 22850N Orig	0.223	6.8	< 1	0.2	5.4	< 0.5	21	< 0.2	0.9	0.202	< 0.1	105	< 0.1	93
21600E 22850N Dup	0.208	6.8	< 1	0.2	5.0	< 0.5	22	< 0.2	0.9	0.178	< 0.1	108	< 0.1	91
20350E 20525N Orig														
20350E 20525N Dup														
20350E 20800N Orig	0.053	6.1	< 1	0.3	4.7	< 0.5	15	< 0.2	0.9	0.191	< 0.1	116	< 0.1	69
20350E 20800N Dup	0.054	6.1	< 1	0.6	4.5	< 0.5	16	< 0.2	0.9	0.188	< 0.1	113	< 0.1	66
20400E 20525N Orig														
20400E 20525N Dup														
20400E 20725N	0.049	5.2	< 1	0.3	4.4	< 0.5	18	< 0.2	0.6	0.218	< 0.1	108	< 0.1	61

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														
20400E 20725N Dup	0.049	5.2	< 1	0.4	4.4	< 0.5	18	< 0.2	0.7	0.259	< 0.1	116	< 0.1	65
20400E 20750N Orig														
20400E 20750N Dup														
Method Blank														
Method Blank														
Method Blank														
Method Blank														
Method Blank														
Method Blank														
Method Blank														
Method Blank														
Method Blank														
Method Blank														
Method Blank														
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Method Blank														
Method Blank														
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	< 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	0.2	< 1	< 0.1	0.2	0.8	< 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

Quality Analysis ... *Innovative Technologies*

Report No.: **A22-07059**
Report Date: **12-Jul-22**
Date Submitted: **26-May-22**
Your Reference: **S-01/S-22 Silt**

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

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

18 Silt samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-1M	QOP Ultratrace-1 (Aqua Regia ICPMS)	2022-06-23 17:10:26

REPORT **A22-07059**

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Notes:

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

SCC Accredited LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A22-07059**
Report Date: **12-Jul-22**
Date Submitted: **26-May-22**
Your Reference: **S-01/S-22 Silt**

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

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

18 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)	2022-06-08 12:54:37

REPORT **A22-07059**

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Notes:

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

SCC Accredited LAB Accrédité CCN TM

LabID: 790

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
TELEPHONE +250 573-4484 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
8169	11	0.6	2.61	15.8	< 0.5	< 20	353	0.2	0.96	0.9	26.2	42	124	4.34	4	0.11	0.06	20	0.88	1230	2.2	0.024	61.5
8170	8	0.2	2.04	4.9	< 0.5	< 20	268	< 0.1	1.12	0.4	17.7	45	77.7	3.62	3	0.11	0.06	17	0.91	1210	0.7	0.042	31.3
8171	17	0.1	2.14	5.8	1.0	< 20	204	< 0.1	0.79	0.2	23.5	48	102	5.17	5	0.02	0.05	10	1.18	1150	0.7	0.027	43.7
8172	10	0.2	2.27	9.2	< 0.5	< 20	228	0.2	0.82	0.3	21.2	46	112	4.38	5	0.06	0.04	10	0.98	1200	1.2	0.026	39.8
8173	14	0.2	2.08	4.9	3.6	< 20	281	< 0.1	0.95	0.1	23.0	53	107	4.70	4	0.03	0.05	10	1.12	1230	0.5	0.037	44.7
8174	10	0.2	1.93	6.5	< 0.5	< 20	225	0.1	0.91	0.1	20.9	52	103	4.79	4	0.04	0.04	10	1.01	962	0.8	0.028	38.6
8175	10	0.4	2.29	9.5	< 0.5	< 20	346	< 0.1	1.13	0.3	19.9	43	109	3.95	3	0.09	0.06	14	0.93	1040	0.6	0.034	39.8
8176	10	0.2	2.15	19.9	< 0.5	< 20	518	< 0.1	0.72	0.7	24.3	35	120	4.71	2	0.06	0.07	14	0.96	1280	1.1	0.022	44.8
8177	8	0.2	2.56	22.8	< 0.5	< 20	424	< 0.1	0.98	0.2	25.2	81	84.4	4.67	4	0.06	0.06	12	1.26	1400	1.1	0.060	68.0
8178	17	0.5	1.65	15.9	4.2	< 20	249	0.2	0.86	0.7	22.4	18	90.1	3.78	3	0.13	0.06	29	0.47	3940	2.4	0.020	69.1
8179	11	0.2	2.44	48.1	< 0.5	< 20	311	< 0.1	0.59	0.2	28.0	39	173	5.65	6	0.71	0.05	13	0.98	1430	1.0	0.026	54.7
8180	7	< 0.1	2.42	2.6	< 0.5	< 20	173	< 0.1	0.73	0.2	22.1	30	89.5	5.00	5	0.04	0.08	12	1.37	1040	0.3	0.011	31.8
8181	13	0.3	2.08	181	< 0.5	< 20	196	0.1	0.55	0.3	26.9	26	98.3	6.03	4	0.14	0.07	20	0.91	1550	1.3	0.018	36.2
1669	9	0.1	2.94	3.4	< 0.5	< 20	131	< 0.1	1.01	0.4	28.7	30	80.2	5.31	7	0.09	0.17	17	1.95	1650	0.4	0.012	22.8
1670	7	0.1	2.48	6.8	< 0.5	< 20	80.8	0.1	0.53	0.3	27.4	19	84.4	5.99	6	0.09	0.04	12	1.34	2210	0.9	0.008	21.7
1671	7	< 0.1	2.79	5.8	< 0.5	< 20	116	0.2	0.76	0.3	31.2	43	79.7	6.09	6	0.04	0.08	16	1.91	1950	0.6	0.010	23.4
1672	9	0.2	2.48	6.1	2.5	< 20	210	< 0.1	0.88	0.3	26.3	34	95.6	5.06	5	0.09	0.09	16	1.31	1800	0.4	0.014	31.9
1673	9	0.3	2.23	6.2	3.1	< 20	189	< 0.1	1.16	0.4	20.7	34	81.9	3.79	3	0.13	0.07	20	1.01	1960	0.4	0.011	29.0

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
8169	0.082	13.4	< 1	0.9	6.4	0.9	32	< 0.2	0.9	0.109	< 0.1	91	< 0.1	169
8170	0.091	6.9	< 1	0.5	5.4	1.3	44	< 0.2	0.5	0.122	< 0.1	105	< 0.1	80
8171	0.085	6.2	< 1	0.4	6.9	< 0.5	37	< 0.2	0.9	0.181	< 0.1	119	< 0.1	94
8172	0.072	10.7	< 1	0.4	6.7	< 0.5	32	< 0.2	0.7	0.137	< 0.1	99	< 0.1	100
8173	0.087	5.6	< 1	0.2	6.7	< 0.5	42	< 0.2	0.8	0.170	< 0.1	109	< 0.1	75
8174	0.070	6.3	< 1	0.4	6.5	< 0.5	36	< 0.2	0.7	0.228	< 0.1	142	< 0.1	84
8175	0.057	7.9	< 1	0.3	8.1	< 0.5	38	< 0.2	0.8	0.139	< 0.1	100	< 0.1	125
8176	0.081	9.5	< 1	1.2	8.1	< 0.5	34	< 0.2	1.0	0.108	< 0.1	99	< 0.1	130
8177	0.122	6.4	< 1	0.5	6.1	< 0.5	33	< 0.2	0.9	0.100	< 0.1	131	< 0.1	86
8178	0.107	13.3	< 1	0.6	2.8	< 0.5	26	< 0.2	0.4	0.048	< 0.1	62	< 0.1	296
8179	0.080	11.0	< 1	1.2	9.3	< 0.5	27	< 0.2	0.9	0.099	< 0.1	114	< 0.1	252
8180	0.080	5.4	< 1	0.3	5.8	< 0.5	54	< 0.2	1.0	0.169	< 0.1	90	< 0.1	88
8181	0.131	11.4	< 1	2.4	6.5	0.8	27	< 0.2	1.1	0.066	< 0.1	75	< 0.1	121
1669	0.109	7.3	< 1	0.2	6.8	0.5	101	< 0.2	1.5	0.187	< 0.1	106	0.1	104
1670	0.122	10.2	< 1	0.3	4.6	< 0.5	29	0.4	1.0	0.099	< 0.1	73	< 0.1	136
1671	0.120	9.5	< 1	0.2	6.8	< 0.5	57	0.3	1.3	0.160	< 0.1	102	< 0.1	119
1672	0.110	7.0	< 1	0.4	6.4	0.7	60	< 0.2	1.0	0.146	< 0.1	94	< 0.1	116
1673	0.113	7.8	< 1	0.3	5.0	< 0.5	54	< 0.2	0.6	0.094	< 0.1	73	< 0.1	108

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			4.76	3.8	13.3		79.7	0.3	0.10		26.6	437	357	13.6	17		0.10	11	0.15	425		0.032	187
OREAS 45d (Aqua Regia) Cert			4.86	6.50	21		80	0.30	0.089		26.2	467	345	13.7	17.9		0.097	10.0	0.144	400		0.031	176
OREAS 907 (Aqua Regia) Meas		1.3	1.13	37.0	73.7		229	22.9	0.26	0.5	44.7	7	6430	8.38	16		0.34	38	0.24	344	5.4	0.086	4.7
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	3540																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3580																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3520																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3460																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3490																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3600																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3530																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3500																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 263 (Aqua Regia) Meas		0.3	1.99	30.6			169	0.6	1.01	0.2	30.7	53	87.0	3.68	5	0.15	0.35		0.64	483	0.5	0.076	70.4
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	1.04	208				3.0	1.70	29.7	28.0	21	243	7.20	5	0.70	0.46	25	0.88	1610	8.1		34.4
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		6.2	1.21	214				3.2	1.82	30.5	29.7	25	245	7.83	5	0.69	0.55	25	0.94	1720	8.1		35.8
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 623 (Aqua Regia) Meas		19.3	1.69	80.8	883			17.4	1.03	51.8	224	19	> 10000	12.8	12	0.74	0.17	18	1.06	559	8.7	0.070	15.9

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
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		19.0	1.54	76.6	824			17.2	1.09	54.8	211	16	> 10000	12.9	13	0.77	0.16	18	0.94	559	9.1	0.066	15.7
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		18.6	1.57	77.9	802			16.4	1.09	54.3	208	16	> 10000	12.5	13	0.73	0.15	18	0.96	546	8.7	0.066	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	0.830	0.175	17.9	1.11	570	8.38	0.0680	15.6
Oreas 623 (Aqua Regia) Meas		18.5	1.46	73.3	789			16.2	0.98	52.3	204	16	> 10000	11.9	13	0.71	0.16	18	0.93	516	8.5	0.065	15.5
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	504																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	493																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	502																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	499																						
Oreas E1336 (Fire Assay) Cert	510.000																						
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Oreas E1336 (Fire Assay) Meas	511																						
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Oreas E1336 (Fire Assay) Meas	507																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	499																						
Oreas E1336 (Fire Assay) Cert	510.000																						
OREAS 521 (Aqua Regia) Meas		0.8	1.24	332	410			6.1	3.71		373	31	5830	19.5	11		0.45	117	1.02	2960	128	0.048	64.9
OREAS 521 (Aqua Regia) Cert		0.8	1.44	333	365			5.8	3.66		374	33	5990	20.0	14		0.53	147	1.10	3000	133	0.045	68.0
OREAS 521 (Aqua Regia) Meas		0.8	1.22	329	354			5.6	3.71		361	32	5590	19.8	12		0.46	115	1.00	2910	133	0.052	70.9
OREAS 521 (Aqua Regia) Cert		0.8	1.44	333	365			5.8	3.66		374	33	5990	20.0	14		0.53	147	1.10	3000	133	0.045	68.0
Oreas 620 (Aqua Regia) Meas		38.0	1.16	50.0	724		3.9	1.9	1.29	168.3	13.1	17	1920	2.71	7	2.33	0.29	27	0.27	448	8.7	0.116	14.6
Oreas 620 (Aqua		38.4	1.12	47.2	666		450	1.9	1.29	161.0	12.2	17	1750	2.58	6	2.14	0.31	25	0.27	414	9.0	0.117	14.4

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) Cert																							
1669 Orig	9																						
1669 Dup	10																						
Method Blank	5																						
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Method Blank	5																						
Method Blank		< 0.1	< 0.01	0.7	0.5	< 20	3.1	< 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	< 0.5	< 0.5	< 20	1.9	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2	< 0.01	< 1	0.03	< 0.01	< 1	< 0.01	< 1	< 0.1	0.004	< 0.1
Method Blank		< 0.1	< 0.01	< 0.5	1.1	< 20	2.1	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2	< 0.01	< 1	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.1	0.004	< 0.1
Method Blank		< 0.1	< 0.01	< 0.5	< 0.5	< 20	2.2	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2	< 0.01	< 1	0.03	< 0.01	< 1	< 0.01	< 1	< 0.1	0.004	< 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	0.033	18.2	< 1		40.4		14		10.6			178		37
OREAS 45d (Aqua Regia) Cert	0.035	17.0	0.045		41.50		11.0		11.3			201		30.6
OREAS 907 (Aqua Regia) Meas	0.021	37.3	< 1	2.2	2.4	8.8	15	0.2	8.7	0.020	0.1	5	0.8	151
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 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														
OREAS 263 (Aqua Regia) Meas	0.043	35.3	< 1	4.1	3.7		18	< 0.2	11.5		0.5	25		132
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	0.086	1290	6	5.6	2.8		20	0.2	9.6	0.025	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 130 (Aqua Regia) Meas	0.095	1320	6	5.4	4.0		22	< 0.2	10.3	0.028	5.2	38	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 623 (Aqua Regia) Meas	0.040	2530	10	12.4	4.4	18.9	14	0.6	5.0		0.3	15	2.5	> 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 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	0.042	2300	9	24.2	4.3	19.2	14	0.6	4.7		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
Oreas 623 (Aqua Regia) Meas	0.042	2180	8	18.3	4.4	19.2	14	0.5	4.6		0.3	14	2.7	> 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	0.038	2180	8	17.7	4.0	18.8	14	0.5	4.6		0.3	13	2.2	> 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 E1336 (Fire Assay) Meas														
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Oreas E1336 (Fire Assay) Meas														
Oreas E1336 (Fire Assay) Cert														
OREAS 521 (Aqua Regia) Meas	0.078	8.5	2	2.6	9.2	2.0	35	0.7	6.9	0.144	0.1	190	73.6	22
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	0.085	8.7	2	3.9	9.4	1.7	32	0.7	6.2	0.122	0.1	194	73.2	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 620 (Aqua Regia) Meas	0.028	> 5000	2	57.8			18		7.4		0.7	8	0.6	> 5000
Oreas 620 (Aqua	0.031	7740	2	62.0			20		7.5		0.5	7	0.8	31200

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) Cert														
1669 Orig														
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Method Blank														
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Method Blank														
Method Blank	< 0.001	0.2	< 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
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

Quality Analysis ... *Innovative Technologies*

Report No.: **A22-07059**
Report Date: **12-Jul-22**
Date Submitted: **26-May-22**
Your Reference: **S-01/S-22 Silt**

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

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

18 Silt samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-1M	QOP Ultratrace-1 (Aqua Regia ICPMS)	2022-06-23 17:10:26

REPORT **A22-07059**

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Notes:

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

SCC Accredited LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A22-07059**
Report Date: **12-Jul-22**
Date Submitted: **26-May-22**
Your Reference: **S-01/S-22 Silt**

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

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

18 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)	2022-06-08 12:54:37

REPORT **A22-07059**

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Notes:

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

SCC Accredited LAB Accrédité CCN TM

LabID: 790

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
TELEPHONE +250 573-4484 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
8169	11	0.6	2.61	15.8	< 0.5	< 20	353	0.2	0.96	0.9	26.2	42	124	4.34	4	0.11	0.06	20	0.88	1230	2.2	0.024	61.5
8170	8	0.2	2.04	4.9	< 0.5	< 20	268	< 0.1	1.12	0.4	17.7	45	77.7	3.62	3	0.11	0.06	17	0.91	1210	0.7	0.042	31.3
8171	17	0.1	2.14	5.8	1.0	< 20	204	< 0.1	0.79	0.2	23.5	48	102	5.17	5	0.02	0.05	10	1.18	1150	0.7	0.027	43.7
8172	10	0.2	2.27	9.2	< 0.5	< 20	228	0.2	0.82	0.3	21.2	46	112	4.38	5	0.06	0.04	10	0.98	1200	1.2	0.026	39.8
8173	14	0.2	2.08	4.9	3.6	< 20	281	< 0.1	0.95	0.1	23.0	53	107	4.70	4	0.03	0.05	10	1.12	1230	0.5	0.037	44.7
8174	10	0.2	1.93	6.5	< 0.5	< 20	225	0.1	0.91	0.1	20.9	52	103	4.79	4	0.04	0.04	10	1.01	962	0.8	0.028	38.6
8175	10	0.4	2.29	9.5	< 0.5	< 20	346	< 0.1	1.13	0.3	19.9	43	109	3.95	3	0.09	0.06	14	0.93	1040	0.6	0.034	39.8
8176	10	0.2	2.15	19.9	< 0.5	< 20	518	< 0.1	0.72	0.7	24.3	35	120	4.71	2	0.06	0.07	14	0.96	1280	1.1	0.022	44.8
8177	8	0.2	2.56	22.8	< 0.5	< 20	424	< 0.1	0.98	0.2	25.2	81	84.4	4.67	4	0.06	0.06	12	1.26	1400	1.1	0.060	68.0
8178	17	0.5	1.65	15.9	4.2	< 20	249	0.2	0.86	0.7	22.4	18	90.1	3.78	3	0.13	0.06	29	0.47	3940	2.4	0.020	69.1
8179	11	0.2	2.44	48.1	< 0.5	< 20	311	< 0.1	0.59	0.2	28.0	39	173	5.65	6	0.71	0.05	13	0.98	1430	1.0	0.026	54.7
8180	7	< 0.1	2.42	2.6	< 0.5	< 20	173	< 0.1	0.73	0.2	22.1	30	89.5	5.00	5	0.04	0.08	12	1.37	1040	0.3	0.011	31.8
8181	13	0.3	2.08	181	< 0.5	< 20	196	0.1	0.55	0.3	26.9	26	98.3	6.03	4	0.14	0.07	20	0.91	1550	1.3	0.018	36.2
1669	9	0.1	2.94	3.4	< 0.5	< 20	131	< 0.1	1.01	0.4	28.7	30	80.2	5.31	7	0.09	0.17	17	1.95	1650	0.4	0.012	22.8
1670	7	0.1	2.48	6.8	< 0.5	< 20	80.8	0.1	0.53	0.3	27.4	19	84.4	5.99	6	0.09	0.04	12	1.34	2210	0.9	0.008	21.7
1671	7	< 0.1	2.79	5.8	< 0.5	< 20	116	0.2	0.76	0.3	31.2	43	79.7	6.09	6	0.04	0.08	16	1.91	1950	0.6	0.010	23.4
1672	9	0.2	2.48	6.1	2.5	< 20	210	< 0.1	0.88	0.3	26.3	34	95.6	5.06	5	0.09	0.09	16	1.31	1800	0.4	0.014	31.9
1673	9	0.3	2.23	6.2	3.1	< 20	189	< 0.1	1.16	0.4	20.7	34	81.9	3.79	3	0.13	0.07	20	1.01	1960	0.4	0.011	29.0

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
8169	0.082	13.4	< 1	0.9	6.4	0.9	32	< 0.2	0.9	0.109	< 0.1	91	< 0.1	169
8170	0.091	6.9	< 1	0.5	5.4	1.3	44	< 0.2	0.5	0.122	< 0.1	105	< 0.1	80
8171	0.085	6.2	< 1	0.4	6.9	< 0.5	37	< 0.2	0.9	0.181	< 0.1	119	< 0.1	94
8172	0.072	10.7	< 1	0.4	6.7	< 0.5	32	< 0.2	0.7	0.137	< 0.1	99	< 0.1	100
8173	0.087	5.6	< 1	0.2	6.7	< 0.5	42	< 0.2	0.8	0.170	< 0.1	109	< 0.1	75
8174	0.070	6.3	< 1	0.4	6.5	< 0.5	36	< 0.2	0.7	0.228	< 0.1	142	< 0.1	84
8175	0.057	7.9	< 1	0.3	8.1	< 0.5	38	< 0.2	0.8	0.139	< 0.1	100	< 0.1	125
8176	0.081	9.5	< 1	1.2	8.1	< 0.5	34	< 0.2	1.0	0.108	< 0.1	99	< 0.1	130
8177	0.122	6.4	< 1	0.5	6.1	< 0.5	33	< 0.2	0.9	0.100	< 0.1	131	< 0.1	86
8178	0.107	13.3	< 1	0.6	2.8	< 0.5	26	< 0.2	0.4	0.048	< 0.1	62	< 0.1	296
8179	0.080	11.0	< 1	1.2	9.3	< 0.5	27	< 0.2	0.9	0.099	< 0.1	114	< 0.1	252
8180	0.080	5.4	< 1	0.3	5.8	< 0.5	54	< 0.2	1.0	0.169	< 0.1	90	< 0.1	88
8181	0.131	11.4	< 1	2.4	6.5	0.8	27	< 0.2	1.1	0.066	< 0.1	75	< 0.1	121
1669	0.109	7.3	< 1	0.2	6.8	0.5	101	< 0.2	1.5	0.187	< 0.1	106	0.1	104
1670	0.122	10.2	< 1	0.3	4.6	< 0.5	29	0.4	1.0	0.099	< 0.1	73	< 0.1	136
1671	0.120	9.5	< 1	0.2	6.8	< 0.5	57	0.3	1.3	0.160	< 0.1	102	< 0.1	119
1672	0.110	7.0	< 1	0.4	6.4	0.7	60	< 0.2	1.0	0.146	< 0.1	94	< 0.1	116
1673	0.113	7.8	< 1	0.3	5.0	< 0.5	54	< 0.2	0.6	0.094	< 0.1	73	< 0.1	108

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			4.76	3.8	13.3		79.7	0.3	0.10		26.6	437	357	13.6	17		0.10	11	0.15	425		0.032	187
OREAS 45d (Aqua Regia) Cert			4.86	6.50	21		80	0.30	0.089		26.2	467	345	13.7	17.9		0.097	10.0	0.144	400		0.031	176
OREAS 907 (Aqua Regia) Meas		1.3	1.13	37.0	73.7		229	22.9	0.26	0.5	44.7	7	6430	8.38	16		0.34	38	0.24	344	5.4	0.086	4.7
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	3540																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3580																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3520																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3460																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3490																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3600																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3530																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 239 (Fire Assay) Meas	3500																						
OREAS 239 (Fire Assay) Cert	3550																						
OREAS 263 (Aqua Regia) Meas		0.3	1.99	30.6			169	0.6	1.01	0.2	30.7	53	87.0	3.68	5	0.15	0.35		0.64	483	0.5	0.076	70.4
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	1.04	208				3.0	1.70	29.7	28.0	21	243	7.20	5	0.70	0.46	25	0.88	1610	8.1		34.4
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		6.2	1.21	214				3.2	1.82	30.5	29.7	25	245	7.83	5	0.69	0.55	25	0.94	1720	8.1		35.8
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 623 (Aqua Regia) Meas		19.3	1.69	80.8	883			17.4	1.03	51.8	224	19	> 10000	12.8	12	0.74	0.17	18	1.06	559	8.7	0.070	15.9

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
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		19.0	1.54	76.6	824			17.2	1.09	54.8	211	16	> 10000	12.9	13	0.77	0.16	18	0.94	559	9.1	0.066	15.7
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		18.6	1.57	77.9	802			16.4	1.09	54.3	208	16	> 10000	12.5	13	0.73	0.15	18	0.96	546	8.7	0.066	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	0.830	0.175	17.9	1.11	570	8.38	0.0680	15.6
Oreas 623 (Aqua Regia) Meas		18.5	1.46	73.3	789			16.2	0.98	52.3	204	16	> 10000	11.9	13	0.71	0.16	18	0.93	516	8.5	0.065	15.5
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	504																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	493																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	502																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	499																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	501																						
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Oreas E1336 (Fire Assay) Meas	511																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	507																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	499																						
Oreas E1336 (Fire Assay) Cert	510.000																						
OREAS 521 (Aqua Regia) Meas		0.8	1.24	332	410			6.1	3.71		373	31	5830	19.5	11		0.45	117	1.02	2960	128	0.048	64.9
OREAS 521 (Aqua Regia) Cert		0.8	1.44	333	365			5.8	3.66		374	33	5990	20.0	14		0.53	147	1.10	3000	133	0.045	68.0
OREAS 521 (Aqua Regia) Meas		0.8	1.22	329	354			5.6	3.71		361	32	5590	19.8	12		0.46	115	1.00	2910	133	0.052	70.9
OREAS 521 (Aqua Regia) Cert		0.8	1.44	333	365			5.8	3.66		374	33	5990	20.0	14		0.53	147	1.10	3000	133	0.045	68.0
Oreas 620 (Aqua Regia) Meas		38.0	1.16	50.0	724		3.9	1.9	1.29	168.3	13.1	17	1920	2.71	7	2.33	0.29	27	0.27	448	8.7	0.116	14.6
Oreas 620 (Aqua		38.4	1.12	47.2	666		450	1.9	1.29	161.0	12.2	17	1750	2.58	6	2.14	0.31	25	0.27	414	9.0	0.117	14.4

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) Cert																							
1669 Orig	9																						
1669 Dup	10																						
Method Blank	5																						
Method Blank	4																						
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Method Blank	5																						
Method Blank	4																						
Method Blank	5																						
Method Blank	5																						
Method Blank		< 0.1	< 0.01	0.7	0.5	< 20	3.1	< 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	< 0.5	< 0.5	< 20	1.9	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2	< 0.01	< 1	0.03	< 0.01	< 1	< 0.01	< 1	< 0.1	0.004	< 0.1
Method Blank		< 0.1	< 0.01	< 0.5	1.1	< 20	2.1	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2	< 0.01	< 1	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.1	0.004	< 0.1
Method Blank		< 0.1	< 0.01	< 0.5	< 0.5	< 20	2.2	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2	< 0.01	< 1	0.03	< 0.01	< 1	< 0.01	< 1	< 0.1	0.004	< 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	0.033	18.2	< 1		40.4		14		10.6			178		37
OREAS 45d (Aqua Regia) Cert	0.035	17.0	0.045		41.50		11.0		11.3			201		30.6
OREAS 907 (Aqua Regia) Meas	0.021	37.3	< 1	2.2	2.4	8.8	15	0.2	8.7	0.020	0.1	5	0.8	151
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 239 (Fire Assay) Meas														
OREAS 239 (Fire Assay) Cert														
OREAS 239 (Fire Assay) Meas														
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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	0.043	35.3	< 1	4.1	3.7		18	< 0.2	11.5		0.5	25		132
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	0.086	1290	6	5.6	2.8		20	0.2	9.6	0.025	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 130 (Aqua Regia) Meas	0.095	1320	6	5.4	4.0		22	< 0.2	10.3	0.028	5.2	38	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 623 (Aqua Regia) Meas	0.040	2530	10	12.4	4.4	18.9	14	0.6	5.0		0.3	15	2.5	> 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 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	0.042	2300	9	24.2	4.3	19.2	14	0.6	4.7		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
Oreas 623 (Aqua Regia) Meas	0.042	2180	8	18.3	4.4	19.2	14	0.5	4.6		0.3	14	2.7	> 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	0.038	2180	8	17.7	4.0	18.8	14	0.5	4.6		0.3	13	2.2	> 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 E1336 (Fire Assay) Meas														
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Oreas E1336 (Fire Assay) Cert														
Oreas E1336 (Fire Assay) Meas														
Oreas E1336 (Fire Assay) Cert														
OREAS 521 (Aqua Regia) Meas	0.078	8.5	2	2.6	9.2	2.0	35	0.7	6.9	0.144	0.1	190	73.6	22
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	0.085	8.7	2	3.9	9.4	1.7	32	0.7	6.2	0.122	0.1	194	73.2	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 620 (Aqua Regia) Meas	0.028	> 5000	2	57.8			18		7.4		0.7	8	0.6	> 5000
Oreas 620 (Aqua	0.031	7740	2	62.0			20		7.5		0.5	7	0.8	31200

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) Cert														
1669 Orig														
1669 Dup														
Method Blank														
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Method Blank														
Method Blank														
Method Blank														
Method Blank	< 0.001	0.2	< 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
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

Quality Analysis ... *Innovative Technologies*

Report No.: **A22-07770**
Report Date: **08-Jul-22**
Date Submitted: **08-Jun-22**
Your Reference: **S-02/S-22 Rock**

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

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

4 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)	2022-07-06 13:07:02
1E3-Kamloops	QOP AquaGeo (Aqua Regia ICPOES)	2022-06-26 00:11:05

REPORT **A22-07770**

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Notes:

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

SCC Accredited LAB Accrédité CCN TM

LabID: 790

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
TELEPHONE +250 573-4484 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
907450	5	< 0.2	< 0.5	90	2050	< 1	10	< 2	81	0.44	52	< 10	285	< 0.5	< 2	6.94	23	3	8.70	< 10	1	< 0.01	< 10
907451	10	< 0.2	< 0.5	59	421	1	16	5	55	1.20	39	< 10	317	< 0.5	< 2	0.16	7	15	2.58	< 10	< 1	0.06	< 10
906826	6	< 0.2	< 0.5	202	1680	< 1	37	< 2	104	1.61	92	< 10	94	0.5	< 2	2.61	38	8	9.57	< 10	< 1	0.07	< 10
906827	6	< 0.2	< 0.5	305	2020	< 1	18	< 2	78	0.55	174	< 10	83	< 0.5	< 2	5.96	17	7	6.94	< 10	1	0.02	< 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
907450	2.12	0.008	0.078	< 0.01	5	15	208	< 0.01	< 20	< 1	< 2	< 10	98	< 10	25	2
907451	0.85	0.050	0.049	0.18	< 2	7	9	0.01	< 20	< 1	< 2	< 10	67	< 10	8	1
906826	1.57	0.010	0.081	0.03	8	29	77	< 0.01	< 20	< 1	< 2	< 10	168	< 10	18	4
906827	2.01	0.007	0.041	0.01	5	14	168	< 0.01	< 20	< 1	< 2	< 10	113	< 10	14	2

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	6110	430	2	36	8	23	1.58	94		69	6.6	< 2	0.04	86	22	6.31	< 10		0.69	36
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		0.9	< 0.5	2170	740	< 1	34	58	251	2.68	6		67	0.6	9	0.38	17	43	5.14	< 10		0.38	32
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		1.9	< 0.5	5180				85	358	2.70	7					0.37	21		6.04				
OREAS 924 (AQUA REGIA) Cert		1.92	0.46	5160.000				92	370	2.76	7.80					0.318	22.7		5.88				
OREAS 907 (Aqua Regia) Meas		1.3	0.5	6220	331	6	10	32	139	1.08	37		213	0.9	17	0.27	43	22	8.06	10		0.29	34
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		73.4	269	3510	507	12	25	> 5000	> 10000	1.64	77			< 0.5	< 2	1.62	28	30	3.45	< 10	4	0.30	17
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				365	161	< 1	236	8	24	6.54			137	0.9	< 2	0.07	36	347	14.7	20	1	0.09	< 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 263 (Aqua Regia) Meas		< 0.2	< 0.5	87	502	< 1	74	33	126	1.74	28		173	1.2	< 2	1.07	31	55	3.78	< 10	< 1	0.32	
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 E1336 (Fire Assay) Meas	497																						
Oreas E1336 (Fire Assay) Cert	510.000																						
906827 Orig		< 0.2	< 0.5	305	2020	< 1	18	< 2	78	0.55	174	< 10	83	< 0.5	< 2	5.96	17	7	6.94	< 10	1	0.02	< 10
906827 Dup		< 0.2	< 0.5	311	2010	< 1	20	2	80	0.56	177	< 10	82	< 0.5	< 2	5.97	18	7	6.86	< 10	< 1	0.02	< 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	4																						

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	0.18		0.099	0.04	3	4	19		< 20		< 2	< 10	28		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	1.36	0.019	0.062	0.37	< 2	3	16		< 20		< 2	< 10	32	< 10	18	12
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	1.50			0.80	< 2											
OREAS 924 (AQUA REGIA) Cert	1.45			0.810	0.60											
OREAS 907 (Aqua Regia) Meas	0.23	0.086	0.023	0.06	4	2	13	0.02	< 20	< 1	< 2	< 10	6	< 10	7	17
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	0.45	0.154	0.034	4.67	94	2	17		< 20		< 2	< 10	12	< 10	7	51
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	0.18	0.035	0.021	0.02		27	14	0.12	< 20		< 2	< 10	205		5	18
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	0.63	0.083	0.043	0.12	9	3	19		< 20	< 1	< 2	< 10	26		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 E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
906827 Orig	2.01	0.007	0.041	0.01	5	14	168	< 0.01	< 20	< 1	< 2	< 10	113	< 10	14	2
906827 Dup	2.00	0.007	0.041	0.01	5	14	166	< 0.01	< 20	1	< 2	< 10	111	< 10	14	2
Method Blank	< 0.01	0.004	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank																
Method Blank																

Quality Analysis ... *Innovative Technologies*

Report No.: **A22-07771**
Report Date: **11-Jul-22**
Date Submitted: **08-Jun-22**
Your Reference: **S-02/S-22 Silt**

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

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

23 Silt samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-1M	QOP Ultratrace-1 (Aqua Regia ICPMS)	2022-07-07 14:49:05

REPORT **A22-07771**

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Notes:

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

SCC Accredited LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A22-07771**
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Rio Minerals Ltd
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ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

23 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)	2022-07-06 13:07:02

REPORT **A22-07771**

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Notes:

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

SCC Accredited LAB LAB Accrédité CCN TM

LabID: 790

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
TELEPHONE +250 573-4484 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
8182	17	0.1	2.28	7.1	3.0	< 20	226	0.1	0.82	0.1	21.7	52	85.0	5.26	7	0.05	0.03	8	1.10	1050	0.8	0.031	38.8
8183	115	0.1	2.14	5.9	2.8	< 20	214	0.1	0.82	0.1	22.8	54	87.5	5.62	6	0.06	0.04	9	1.08	994	0.7	0.028	36.3
8184	9	0.1	2.06	19.9	2.1	< 20	319	< 0.1	0.82	0.2	20.6	39	84.9	5.49	6	0.08	0.07	13	0.96	1140	0.9	0.043	33.5
8185	9	0.1	1.93	10.3	4.9	< 20	213	< 0.1	0.82	0.1	21.8	53	81.0	6.09	6	0.06	0.05	9	1.00	923	0.8	0.035	33.3
8186	13	0.2	2.72	7.8	3.1	< 20	214	0.1	0.59	0.1	26.8	37	112	5.12	8	0.08	0.06	14	1.16	2510	1.0	0.022	57.4
8187	7	0.2	2.45	5.2	3.9	< 20	166	< 0.1	0.75	0.2	27.3	37	89.0	5.36	9	0.06	0.07	10	1.20	1750	0.9	0.022	43.2
8188	16	0.2	2.47	9.2	9.2	< 20	192	0.1	0.61	< 0.1	27.3	38	101	5.42	8	0.09	0.07	15	1.17	1990	1.3	0.019	54.2
8189	13	0.2	2.43	10.6	2.7	< 20	240	0.1	0.53	0.2	26.6	38	98.0	4.76	6	0.10	0.05	15	1.12	2210	1.0	0.015	61.4
8190	14	0.2	2.59	7.1	4.8	< 20	275	0.1	0.52	< 0.1	23.3	41	96.9	4.88	6	0.09	0.06	14	1.13	1820	0.7	0.016	51.5
8191	122	< 0.1	2.22	9.1	4.0	< 20	166	< 0.1	0.83	0.1	24.4	47	76.4	6.48	7	0.07	0.06	11	1.26	1010	0.6	0.019	29.7
1674	8	0.2	2.64	4.0	2.3	< 20	170	0.1	0.83	0.3	25.4	29	94.9	4.56	7	0.12	0.03	9	0.91	3550	0.9	0.021	30.5
1675	7	0.1	3.18	2.9	3.7	< 20	120	0.1	0.83	< 0.1	31.7	86	64.3	5.45	12	0.09	0.05	13	1.65	683	1.0	0.036	56.1
1676	7	0.3	2.46	3.7	1.1	< 20	152	< 0.1	0.78	0.3	27.3	30	90.5	4.50	7	0.09	0.03	9	0.95	2670	0.7	0.021	30.3
1677	9	0.1	2.49	6.7	2.9	< 20	176	< 0.1	0.61	< 0.1	27.2	38	91.4	5.40	8	0.07	0.06	13	1.22	1810	1.2	0.021	49.1
1678	10	0.2	2.34	6.5	149	< 20	159	< 0.1	0.64	< 0.1	26.9	37	85.9	5.32	8	0.10	0.05	12	1.19	1710	1.0	0.022	45.3
1679	8	0.1	2.23	8.5	1.7	< 20	296	< 0.1	1.06	0.2	16.8	39	64.8	4.48	6	0.10	0.06	9	0.78	991	0.9	0.078	27.7
1680	46	0.2	2.16	14.4	3.5	< 20	287	< 0.1	0.81	0.2	21.5	42	81.0	5.38	6	0.09	0.05	12	1.01	1410	0.8	0.037	33.8
1681	44	< 0.1	2.16	2.9	3.3	< 20	145	< 0.1	0.76	0.2	26.3	26	64.0	5.89	5	0.07	0.06	13	1.50	1900	0.3	0.012	21.2
1682	7	0.1	2.34	6.5	0.9	< 20	262	< 0.1	1.07	0.2	21.6	65	102	4.53	6	0.12	0.05	10	1.15	1660	0.3	0.022	39.8
1683	7	0.1	2.29	5.9	6.5	< 20	165	< 0.1	0.88	0.1	26.0	33	78.4	5.65	6	0.08	0.07	13	1.42	1420	0.5	0.015	25.2
1684	7	0.1	2.67	8.4	2.0	< 20	363	< 0.1	0.91	0.2	28.7	55	107	5.44	7	0.09	0.07	11	1.21	1410	0.5	0.025	38.5
1685	6	0.1	2.64	6.4	3.1	< 20	185	< 0.1	0.73	0.2	27.1	35	91.0	5.38	6	0.08	0.08	13	1.39	1630	0.5	0.017	28.5
1686	7	0.1	2.80	15.3	2.5	< 20	218	< 0.1	0.74	0.1	27.5	46	92.5	6.03	7	0.07	0.07	11	1.45	1290	0.6	0.020	31.9

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
8182	0.067	5.8	< 1	0.4	6.5	0.8	33	< 0.2	0.8	0.284	< 0.1	157	< 0.1	96
8183	0.067	5.4	< 1	0.4	6.4	0.7	32	< 0.2	0.7	0.288	< 0.1	165	< 0.1	90
8184	0.093	5.7	< 1	0.9	6.3	0.8	35	< 0.2	1.2	0.189	< 0.1	135	< 0.1	102
8185	0.081	5.2	< 1	0.7	6.0	0.7	34	< 0.2	0.9	0.257	< 0.1	191	< 0.1	83
8186	0.100	9.8	< 1	0.4	6.5	0.6	29	< 0.2	0.8	0.158	< 0.1	89	< 0.1	126
8187	0.104	7.7	< 1	0.5	6.3	0.6	34	< 0.2	0.7	0.241	< 0.1	89	< 0.1	120
8188	0.105	7.9	< 1	0.7	6.8	0.7	30	< 0.2	0.9	0.222	< 0.1	102	< 0.1	120
8189	0.085	9.4	< 1	0.5	4.9	0.8	27	< 0.2	0.7	0.122	< 0.1	72	< 0.1	131
8190	0.084	7.5	< 1	0.6	5.6	0.9	26	< 0.2	0.8	0.129	< 0.1	78	< 0.1	115
8191	0.101	4.9	< 1	0.8	7.0	0.7	53	< 0.2	1.1	0.262	< 0.1	151	< 0.1	91
1674	0.113	10.2	< 1	0.3	5.0	1.0	36	< 0.2	0.5	0.177	< 0.1	96	< 0.1	129
1675	0.099	12.5	< 1	0.3	6.4	0.5	60	< 0.2	1.1	0.331	< 0.1	118	< 0.1	103
1676	0.099	8.8	< 1	0.1	4.9	1.0	33	< 0.2	0.4	0.176	< 0.1	96	< 0.1	111
1677	0.090	7.5	< 1	0.6	6.8	0.6	38	< 0.2	0.9	0.246	< 0.1	106	< 0.1	120
1678	0.090	7.3	< 1	0.6	6.4	0.5	30	< 0.2	0.9	0.251	< 0.1	98	< 0.1	113
1679	0.082	3.5	< 1	0.5	5.6	0.6	35	< 0.2	0.8	0.176	< 0.1	165	< 0.1	66
1680	0.074	5.3	< 1	0.6	6.6	0.7	34	< 0.2	1.0	0.218	< 0.1	127	< 0.1	97
1681	0.142	5.3	< 1	0.3	5.7	0.6	65	< 0.2	1.5	0.155	< 0.1	95	< 0.1	94
1682	0.080	6.2	< 1	0.1	8.9	0.9	41	< 0.2	0.6	0.204	< 0.1	124	< 0.1	70
1683	0.136	5.7	< 1	0.4	6.7	0.6	63	< 0.2	1.3	0.182	< 0.1	101	< 0.1	99
1684	0.101	5.7	< 1	0.6	8.4	0.7	41	< 0.2	1.0	0.178	< 0.1	106	< 0.1	102
1685	0.119	7.4	< 1	0.4	6.9	0.6	51	< 0.2	1.2	0.191	< 0.1	98	< 0.1	96
1686	0.111	5.9	< 1	1.0	8.3	0.7	49	< 0.2	1.2	0.218	< 0.1	124	< 0.1	103

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			5.27	4.2	18.6		81.2	0.2	0.09		28.1	446	340	14.1	18		0.10	10	0.16	391		0.031	173
OREAS 45d (Aqua Regia) Cert			4.86	6.50	21		80	0.30	0.09		26.2	467	345	13.7	17.9		0.097	10.0	0.144	400		0.031	176
OREAS 907 (Aqua Regia) Meas		1.3	1.14	36.0	107		252	22.4	0.28	0.5	48.7	9	6740	8.82	17		0.29	39	0.23	336	5.6	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 263 (Aqua Regia) Meas		0.3	1.70	29.2			184	0.5	1.04	0.2	33.7	55	89.6	3.92	5	0.18	0.29		0.59	496	0.6	0.076	66.0
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		5.6	1.11	193				2.9	1.63	29.1	27.8	23	223	7.15	5	0.69	0.43	22	0.83	1580	7.6		29.1
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 623 (Aqua Regia) Meas		20.7	1.63	80.7	690			17.6	1.12	55.8	241	22	> 10000	13.8	14	0.74	0.16	19	1.01	579	7.3	0.068	15.6
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 E1336 (Fire Assay) Meas	497																						
Oreas E1336 (Fire Assay) Cert	510.000																						
OREAS 521 (Aqua Regia) Meas		0.8	1.12	322	438			5.8	3.68		387	32	5670	20.1	12		0.39	115	0.91	2930	142	0.043	59.4
OREAS 521 (Aqua Regia) Cert		0.8	1.44	333	365			5.8	3.66		374	33	5990	20.0	14		0.53	147	1.1	3000	133	0.045	68.0
Oreas 620 (Aqua Regia) Meas		36.9	1.12	47.3	704		6.7	1.8	1.27	165.8	14.0	17	1800	2.78	7	1.87	0.26	26	0.26	414	8.7	0.110	13.1
Oreas 620 (Aqua Regia) Cert		38.4	1.12	47.2	666		450	1.9	1.29	161.0	12.2	17	1750	2.58	6	2.14	0.31	25	0.27	414	9.0	0.117	14.4
Oreas 610 (Aqua Regia) Meas		49.7	1.16	3050				208	0.12	12.7	8.3	36	> 10000	2.47	9	0.74	0.26	6	0.11	70	4.7	0.058	22.5
Oreas 610 (Aqua Regia) Cert		48.4	0.847	2810				220	0.12	12.3	7.7	33	9720	2.27	6	0.80	0.21	7	0.11	66	4.5	0.049	24.3
8187 Orig		0.2	2.45	5.2	3.9	< 20	166	< 0.1	0.75	0.2	27.3	37	89.0	5.36	9	0.06	0.07	10	1.20	1750	0.9	0.022	43.2
8187 Dup		0.2	2.51	5.2	441	< 20	167	< 0.1	0.74	0.1	27.4	38	86.6	5.34	8	0.12	0.07	11	1.19	1750	0.9	0.022	43.6
8188 Orig	16																						
8188 Dup	18																						
1684 Orig	7																						
1684 Dup	8																						
Method Blank	4																						
Method Blank	4																						
Method Blank		< 0.1	< 0.01	< 0.5	< 0.5	< 20	2.0	< 0.1	< 0.01	< 0.1	< 0.1	2	0.5	< 0.01	< 1	0.08	< 0.01	< 1	< 0.01	< 1	< 0.1	0.005	< 0.1
Method Blank		< 0.1	< 0.01	< 0.5	< 0.5	< 20	2.4	< 0.1	< 0.01	< 0.1	< 0.1	2	< 0.2	< 0.01	< 1	0.07	< 0.01	< 1	< 0.01	< 1	< 0.1	0.006	< 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	16.2	< 1		41.2		12		11.0			181		33
OREAS 45d (Aqua Regia) Cert	0.035	17.0	0.045		41.50		11.0		11.3			201		30.6
OREAS 907 (Aqua Regia) Meas	0.021	32.8	< 1	3.2	2.2	8.8	13	0.3	8.9	0.023	0.1	6	0.9	149
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 263 (Aqua Regia) Meas	0.043	32.2	< 1	9.0	3.6		18	0.2	11.0		0.5	26		128
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	0.084	1230	6	5.8	3.5		18	< 0.2	9.1	0.030	5.2	35	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 623 (Aqua Regia) Meas	0.041	2490	9	30.5	4.6	19.5	14	0.7	5.2		0.3	17	3.2	> 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 521 (Aqua Regia) Meas	0.072	8.2	2	5.2	9.1	2.0	32	0.8	6.6	0.145	0.1	199	79.1	21
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 620 (Aqua Regia) Meas	0.029	> 5000	3	88.5			17		7.0		0.5	9	0.8	> 5000
Oreas 620 (Aqua Regia) Cert	0.031	7740	2	62.0			20		7.5		0.5	7	0.8	31200
Oreas 610 (Aqua Regia) Meas	0.026	516	3	381	0.9	28.0	39	46.0	2.6		1.5	14	3.9	1910
Oreas 610 (Aqua Regia) Cert	0.025	512	3	265	0.8	27.7	39	41.7	3.1		1.5	12	3.6	1760
8187 Orig	0.104	7.7	< 1	0.5	6.3	0.6	34	< 0.2	0.7	0.241	< 0.1	89	< 0.1	120
8187 Dup	0.104	7.6	< 1	0.4	6.3	0.6	34	< 0.2	0.7	0.236	< 0.1	94	< 0.1	113
8188 Orig														
8188 Dup														
1684 Orig														
1684 Dup														
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	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	< 1

Quality Analysis ... *Innovative Technologies*

Report No.: **A22-07772-Final2**
Report Date: **10-Aug-22**
Date Submitted: **08-Jun-22**
Your Reference: **S-02/S-22 Soil**

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

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

5 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)	2022-08-01 14:16:57

REPORT **A22-07772-Final2**

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Notes:

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

SCC Accredited LAB Accrédité CCN TM

LabID: 790

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
TELEPHONE +250 573-4484 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A22-07772-Final2**
Report Date: **10-Aug-22**
Date Submitted: **08-Jun-22**
Your Reference: **S-02/S-22 Soil**

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

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

5 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-1M	QOP Ultratrace-1 (Aqua Regia ICPMS)	2022-08-03 14:37:24

REPORT **A22-07772-Final2**

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Notes:

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

SCC Accredited LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Unit Symbol	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.1	0.01	0.5	0.5	20	1	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	0.001
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	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
19800E 18775N	< 0.1	2.17	2.8	7.3	< 20	26	0.2	0.31	< 0.1	3.9	19	23.2	3.70	12	0.02	0.03	6	0.27	188	0.7	0.015	5.7	0.041
19800E 18800N	0.2	2.95	2.9	2.6	< 20	63	0.4	0.50	< 0.1	48.0	18	110	5.21	14	0.12	0.05	7	0.42	1200	1.2	0.031	12.1	0.077
19800E 18825N	0.2	3.18	4.4	16.7	< 20	53	0.3	0.33	< 0.1	9.2	24	60.1	4.86	14	0.07	0.04	6	0.38	379	1.2	0.020	11.1	0.068
19800E 18850N	0.2	3.60	4.1	20.2	< 20	42	0.4	0.29	< 0.1	7.8	25	73.5	4.46	12	0.13	0.04	6	0.38	356	1.7	0.014	9.9	0.082
19800E 18875N	0.3	2.64	3.9	8.8	60	62	0.3	0.32	0.1	13.9	20	61.4	4.10	11	0.07	0.04	5	0.37	789	1.2	0.025	12.8	0.057

Analyte Symbol	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn	Au
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1	2
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	FA-ICP
19800E 18775N	8.3	< 1	0.2	4.3	< 0.5	16	< 0.2	2.2	0.191	< 0.1	103	0.2	35	10
19800E 18800N	10.9	< 1	0.2	5.8	< 0.5	29	< 0.2	1.5	0.205	< 0.1	108	0.9	103	191
19800E 18825N	7.5	< 1	0.2	6.5	0.5	16	< 0.2	2.1	0.165	< 0.1	107	0.5	104	14
19800E 18850N	6.9	< 1	0.2	7.1	0.8	16	< 0.2	2.5	0.135	< 0.1	90	0.4	62	30
19800E 18875N	11.0	< 1	0.2	5.2	< 0.5	20	< 0.2	1.5	0.143	< 0.1	82	0.2	91	11

Analyte Symbol	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Unit Symbol	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.1	0.01	0.5	0.5	20	1	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	0.001
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	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 45d (Aqua Regia) Meas		4.40	3.5	21.3		79	0.3	0.09		24.8	458	323	13.7	15		0.09	9	0.15	379		0.023	191	0.028
OREAS 45d (Aqua Regia) Cert		4.86	6.50	21		80	0.30	0.09		26.2	467	345	13.7	17.9		0.097	10	0.144	400		0.031	176	0.035
OREAS 907 (Aqua Regia) Meas	1.3	0.99	37.6	97.2		240	23.5	0.26	0.6	44.8	7	6500	8.59	13		0.31	36	0.22	334	5.1	0.079	4.3	0.020
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	0.0240
OREAS 239 (Fire Assay) Meas																							
OREAS 239 (Fire Assay) Cert																							
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Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
OREAS 521 (Aqua Regia) Meas	0.9	1.16	332	376			6.1	3.55		371	34	5630	19.8	12		0.46	104	1.02	3070	122	0.048	70.1	0.070
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	0.081
Oreas 620 (Aqua Regia) Meas	40.2	1.01	50.1	700		6	1.9	1.20	162.4	12.2	16	1710	2.58	7	2.04	0.27	26	0.24	405	8.7	0.100	14.0	0.026
Oreas 620 (Aqua Regia) Cert	38.4	1.12	47.2	666		400	1.9	1.29	161.0	12.2	17	1750	2.58	6	2.14	0.31	25	0.27	414	9.0	0.12	14.4	0.031
Oreas 610 (Aqua Regia) Meas	50.3	1.01	3020				223	0.12	12.4	8.0	34	9960	2.28	8	0.77	0.26	6	0.10	68	4.4	0.052	24.5	0.023
Oreas 610 (Aqua Regia) Cert	48.4	0.847	2810				220	0.12	12.3	7.7	33	9720	2.27	6	0.80	0.21	7	0.11	66	4.5	0.049	24.3	0.025
Method Blank																							
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Analyte Symbol	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Unit Symbol	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.1	0.01	0.5	0.5	20	1	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	0.001
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	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
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Method Blank	< 0.1	< 0.01	< 0.5	4.7	< 20	< 1	< 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	< 0.001
Method Blank	< 0.1	< 0.01	< 0.5	1.0	< 20	2	< 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	< 0.001

Analyte Symbol	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn	Au
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1	2
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	FA-ICP
OREAS 45d (Aqua Regia) Meas	17.2	< 1		38.0		11		10.3			147		34	
OREAS 45d (Aqua Regia) Cert	17.0	0.045		41.50		11.0		11.3			201		30.6	
OREAS 907 (Aqua Regia) Meas	34.4	< 1	2.5	2.1	6.6	12	< 0.2	8.7	0.018	0.1	3	1.1	139	
OREAS 907 (Aqua Regia) Cert	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														3530
OREAS 239 (Fire Assay) Cert														3550
OREAS 239 (Fire Assay) Meas														3430
OREAS 239 (Fire Assay) Cert														3550
OREAS 239 (Fire Assay) Meas														3370
OREAS 239 (Fire Assay) Cert														3550
Oreas E1336 (Fire Assay) Meas														487
Oreas E1336 (Fire Assay) Cert														510.000
Oreas E1336 (Fire Assay) Meas														505
Oreas E1336 (Fire Assay) Cert														510.000
Oreas E1336 (Fire Assay) Meas														483
Oreas E1336 (Fire Assay) Cert														510.000
Oreas E1336 (Fire Assay) Meas														487
Oreas E1336 (Fire Assay) Cert														510.000
OREAS 521 (Aqua Regia) Meas	8.5	2	3.9	9.5	1.1	27	0.6	6.0	0.121	0.1	172	71.2	22	
OREAS 521 (Aqua Regia) Cert	9.0	2	3.6	10	2.4	54	0.7	7.8	0.141	0.1	200	71.0	24	
Oreas 620 (Aqua Regia) Meas	> 5000	2	65.8			15		7.3		0.7	6	0.7	> 5000	
Oreas 620 (Aqua Regia) Cert	7740	2	62.0			20		7.5		0.5	7	0.8	31200	
Oreas 610 (Aqua Regia) Meas	518	2	256	1.1	24.0	39	35.0	2.9		1.4	10	3.4	1800	
Oreas 610 (Aqua Regia) Cert	512	3	265	0.84	27.7	39	41.7	3.1		1.5	12	3.6	1760	
Method Blank														< 2
Method Blank														< 2
Method Blank														< 2
Method Blank														< 2
Method Blank														< 2
Method Blank														< 2
Method Blank														< 2

Analyte Symbol	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn	Au
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1	2
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	FA-ICP
Method Blank														< 2
Method Blank														< 2
Method Blank														< 2
Method Blank														< 2
Method Blank														< 2
Method Blank														< 2
Method Blank														< 2
Method Blank														< 2
Method Blank														< 2
Method Blank														< 2
Method Blank														< 2
Method Blank														4
Method Blank														< 2
Method Blank														< 2
Method Blank														< 2
Method Blank														< 2
Method Blank														< 2
Method Blank														< 2
Method Blank	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	< 1	
Method Blank	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	< 1	

Quality Analysis ... *Innovative Technologies*

Report No.: **A22-07772**
Report Date: **15-Jul-22**
Date Submitted: **08-Jun-22**
Your Reference: **S-02/S-22 Soil**

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

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

320 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-1M	QOP Ultratrace-1 (Aqua Regia ICPMS)	2022-07-12 17:50:09

REPORT **A22-07772**

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Notes:

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

Footnote: No material for sample 20900E 21950N, 20900E 22000N, 20450E 20800N & 20450E 20825N.

SCC Accredited LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A22-07772**
Report Date: **15-Jul-22**
Date Submitted: **08-Jun-22**
Your Reference: **S-02/S-22 Soil**

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

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

320 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)	2022-07-13 00:01:29

REPORT **A22-07772**

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Notes:

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

Footnote: No material for sample 20900E 21950N, 20900E 22000N, 20450E 20800N & 20450E 20825N.

SCC Accredited LAB Accrédité CCN TM

LabID: 790

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
TELEPHONE +250 573-4484 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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
20800E 21600N	5	0.3	1.50	2.7	2.1	< 20	96.1	< 0.1	0.48	0.1	5.8	24	29.6	2.80	8	0.11	0.02	6	0.31	234	0.6	0.019	11.7
20800E 21650N	6	0.2	3.16	6.9	1.0	< 20	105	< 0.1	0.37	0.1	12.1	40	71.0	4.28	10	0.14	0.03	3	0.62	358	1.3	0.020	26.9
20800E 21700N	7	0.1	1.76	2.8	9.2	< 20	79.0	< 0.1	0.38	< 0.1	6.9	20	50.0	2.90	8	0.09	0.02	5	0.35	264	0.6	0.021	13.3
20800E 21750N	10	< 0.1	1.76	1.5	3.6	< 20	95.4	0.1	0.68	< 0.1	10.0	14	46.8	3.80	9	0.10	0.02	5	0.34	998	0.4	0.019	10.4
20800E 21800N	6	0.1	1.60	2.0	3.2	< 20	77.5	0.1	0.62	0.1	8.1	12	52.8	3.25	8	0.07	0.02	5	0.29	485	0.3	0.018	8.8
20800E 21850N	5	0.2	2.66	3.1	2.6	< 20	86.0	0.1	0.45	< 0.1	13.4	22	45.1	3.89	10	0.13	0.03	6	0.67	501	0.4	0.017	18.4
20800E 21900N	9	0.1	3.10	5.5	1.2	< 20	89.7	0.1	0.39	< 0.1	10.2	24	91.4	4.32	9	0.20	0.03	4	0.57	642	1.1	0.019	18.2
20800E 21950N	8	0.1	3.30	17.0	4.4	< 20	88.4	0.1	0.29	< 0.1	18.3	37	171	6.10	10	0.17	0.05	4	0.47	1030	1.0	0.013	34.5
20800E 22000N	9	0.1	4.23	9.5	10.5	< 20	166	< 0.1	0.43	< 0.1	12.3	37	152	3.62	7	0.10	0.04	8	0.76	562	1.4	0.031	30.3
20800E 22050N	14	0.2	3.16	48.3	10.6	< 20	346	< 0.1	0.53	0.3	38.0	22	345	9.42	11	0.18	0.05	10	0.86	3000	1.9	0.015	37.4
20800E 22100N	6	0.2	3.65	6.9	2.2	< 20	86.4	0.1	0.23	< 0.1	7.1	40	60.7	4.15	10	0.20	0.03	5	0.48	293	1.0	0.019	19.6
20800E 22150N	5	0.2	3.25	6.8	3.7	< 20	89.3	0.1	0.27	0.1	6.9	36	63.8	4.28	10	0.23	0.03	5	0.48	228	1.2	0.021	19.0
20800E 22200N	6	0.2	3.92	4.1	42.9	< 20	156	< 0.1	0.37	< 0.1	11.7	40	120	3.72	8	0.15	0.02	5	0.78	344	0.8	0.017	28.2
20800E 22250N	6	0.1	2.55	4.0	2.9	< 20	107	0.2	0.37	< 0.1	11.5	32	44.4	4.06	12	0.13	0.03	6	0.51	315	0.6	0.018	19.5
20800E 22300N	26	0.3	3.47	10.2	3.8	< 20	76.4	0.1	0.24	0.2	9.4	46	104	5.05	11	0.23	0.03	6	0.68	312	1.3	0.018	22.8
20800E 22350N	5	0.3	2.23	6.9	1.9	< 20	72.7	0.1	0.19	< 0.1	4.7	22	22.6	3.02	11	0.21	0.04	9	0.26	397	1.0	0.014	12.1
20800E 22400N	6	1.2	3.05	15.2	4.5	< 20	106	0.1	0.32	0.2	9.5	37	60.1	3.70	9	0.30	0.04	7	0.63	421	2.0	0.024	34.0
20800E 22450N	12	0.6	2.49	12.3	< 0.5	< 20	107	0.2	0.27	0.2	12.8	28	58.5	3.71	7	0.13	0.03	9	0.46	663	1.2	0.023	35.8
20800E 22500N	26	0.4	2.99	14.6	3.5	< 20	208	0.1	0.27	0.2	14.4	34	83.8	3.76	8	0.10	0.04	8	0.64	778	0.9	0.024	48.3
20800E 22550N	9	0.2	0.96	13.6	4.5	< 20	31.8	0.1	0.07	< 0.1	2.1	11	11.7	1.44	6	0.07	0.02	8	0.14	82	2.1	0.011	7.2
20800E 22600N	6	0.2	0.87	12.0	7.4	< 20	21.6	0.1	0.06	< 0.1	1.4	12	2.8	0.75	7	0.05	0.02	12	0.09	88	1.7	0.010	4.4
20800E 22650N	7	0.7	2.14	546	2.9	< 20	82.1	0.2	0.19	0.1	10.8	41	48.5	4.14	7	0.13	0.04	11	0.49	832	1.8	0.012	39.4
20800E 22700N	25	0.8	3.07	34.7	11.2	< 20	191	0.3	0.23	1.1	9.6	9	38.8	3.60	6	0.13	0.06	51	0.13	1130	7.9	0.012	33.9
20900E 21700N	6	0.2	2.93	4.6	2.0	< 20	133	0.1	0.39	0.1	11.0	33	52.1	3.46	8	0.12	0.03	6	0.51	677	0.8	0.017	22.3
20900E 21750N	10	0.1	3.19	3.8	3.7	< 20	98.9	< 0.1	0.29	< 0.1	12.1	32	117	3.59	8	0.09	0.03	4	0.76	441	0.4	0.017	27.2
20900E 21800N	8	< 0.1	3.07	4.3	15.8	< 20	105	< 0.1	0.35	< 0.1	12.2	34	94.2	3.78	9	0.07	0.03	5	0.74	492	0.5	0.018	25.6
20900E 21850N	5	0.3	3.12	5.5	3.1	< 20	136	0.1	0.32	0.1	10.2	36	64.5	3.36	9	0.12	0.05	6	0.63	370	0.8	0.020	28.9
20900E 21900N	6	0.1	2.90	5.3	0.7	< 20	87.6	< 0.1	0.28	0.1	11.4	31	62.5	3.20	8	0.09	0.03	4	0.61	649	0.7	0.016	23.6
20900E 22050N	8	0.3	2.70	7.1	3.0	< 20	267	0.2	0.54	0.3	25.8	38	100	4.89	11	0.16	0.03	7	0.96	1580	0.7	0.016	38.1
20900E 22100N	6	0.3	1.94	9.8	< 0.5	< 20	137	0.1	0.29	< 0.1	7.1	23	41.5	2.98	8	0.13	0.04	7	0.36	450	0.6	0.022	18.5
20900E 22150N	9	0.4	1.93	6.0	5.6	< 20	143	0.1	0.44	< 0.1	6.9	24	33.0	2.85	8	0.12	0.04	6	0.39	318	0.7	0.031	16.6
20900E 22200N	8	0.7	3.14	9.4	5.9	< 20	169	< 0.1	0.26	0.2	15.0	30	108	3.94	8	0.19	0.04	8	0.68	771	0.9	0.018	33.5
20900E 22250N	5	0.2	2.26	5.3	1.1	< 20	173	0.1	0.56	0.2	20.4	36	40.0	3.88	10	0.16	0.03	6	0.74	1890	0.7	0.018	28.3
20900E 22300N	5	0.1	2.13	4.5	0.8	< 20	153	0.1	0.31	0.1	12.1	30	33.9	3.59	10	0.09	0.03	7	0.43	1170	0.5	0.015	19.2
20900E 22350N	10	0.6	2.85	7.5	2.1	< 20	180	0.2	0.37	0.3	19.1	31	116	4.07	8	0.18	0.04	10	0.51	1170	0.8	0.026	34.5
20900E 22400N	8	0.3	3.13	11.3	14.6	< 20	172	0.1	0.34	0.1	14.9	38	112	3.56	8	0.12	0.05	7	0.76	490	1.1	0.026	48.2
20900E 22450N	5	0.3	1.79	6.3	1.5	< 20	144	0.1	0.37	0.1	8.0	26	36.5	2.96	7	0.12	0.04	6	0.34	298	0.6	0.026	17.2
20900E 22500N	52	0.2	0.90	3.1	< 0.5	< 20	90.9	0.1	0.18	< 0.1	2.5	11	5.1	0.98	5	0.06	0.03	9	0.12	1000	0.4	0.010	5.9
20900E 22550N	5	0.5	2.89	8.8	1.2	< 20	81.6	0.1	0.23	< 0.1	16.1	147	20.3	4.33	11	0.12	0.03	10	1.85	589	1.0	0.009	46.6
20900E 22600N	6	0.3	2.84	13.0	1.3	< 20	165	0.1	0.34	0.1	11.7	36	59.2	3.65	9	0.15	0.04	7	0.54	905	1.3	0.021	26.6
20900E 22650N	4	0.3	1.66	12.4	2.3	< 20	93.6	0.1	0.19	0.1	6.5	20	18.1	2.08	7	0.11	0.04	8	0.31	644	0.8	0.012	15.2
20900E 22700N	3	0.3	1.46	20.8	11.2	< 20	276	< 0.1	0.17	0.2	8.1	13	11.2	1.25	6	0.12	0.04	12	0.15	3430	0.8	0.010	11.3
21000E 21600N	10	0.3	2.57	4.5	1.2	< 20	90.2	0.2	0.33	0.1	9.2	39	63.6	4.56	11	0.17	0.03	5	0.54	325	1.1	0.020	19.7
21000E 21650N	7	0.3	1.94	4.5	2.5	< 20	75.6	0.1	0.26	< 0.1	5.5	20	31.2	2.81	7	0.12	0.02	6	0.31	214	0.6	0.018	11.3
21000E 21700N	19	0.2	2.32	4.0	3.0	< 20	75.6	0.1	0.27	< 0.1	6.0	26	36.3	2.78	8	0.14	0.02	6	0.36	234	0.6	0.018	13.8
21000E 21750N	19	0.3	3.42	11.2	3.7	< 20	134	< 0.1	0.33	0.1	13.2	38	85.5	3.78	8	0.16	0.03	5	0.68	348	1.4	0.023	31.1
21000E 21800N	6	0.4	1.77	9.1	3.8	< 20	157	0.2	0.41	< 0.1	10.6	24	26.4	2.26	7	0.15	0.04	8	0.39	2330	1.4	0.018	17.2
21000E 21850N	4	0.2	1.34	5.7	1.3	< 20	55.8	0.1	0.32	0.1	4.8	17	12.2	1.85	7	0.10	0.02	9	0.28	287	0.7	0.014	10.6
21100E 21600N	26	0.1	2.21	5.2	3.0	< 20	226	0.1	0.49	0.2	22.6	36	88.2	4.71	5	0.16	0.04	11	1.02	1770	0.8	0.014	32.3
21100E 21650N	8	0.3	2.41	4.4	3.0	< 20	102	0.1	0.30	< 0.1	7.9	39	63.5	4.44	11	0.14	0.03	5	0.43	317	0.6	0.018	17.6
21100E 21700N	9	0.1	1.99	3.4	1.8	< 20	128	0.1	0.35	< 0.1	16.4	23	65.1	3.63	7	0.21	0.03	7	0.29	980	0.9	0.018	12.7

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
21100E 21750N	10	0.3	2.56	4.6	3.0	< 20	227	0.1	0.41	0.2	17.4	46	120	3.81	8	0.15	0.04	15	0.57	857	3.1	0.021	29.7
21100E 21800N	9	0.2	3.89	5.9	2.4	< 20	127	0.1	0.32	0.1	15.1	53	102	4.59	9	0.20	0.02	4	0.53	644	1.5	0.021	27.5
21100E 21850N	6	0.3	2.79	6.0	3.8	< 20	146	0.1	0.34	0.2	12.1	40	78.7	4.31	9	0.14	0.04	5	0.55	432	0.8	0.022	27.5
20250E 20500N	7	0.2	2.90	11.0	< 0.5	< 20	231	0.1	0.53	0.3	21.9	45	125	4.81	9	0.15	0.05	8	1.10	1250	1.4	0.015	37.9
20250E 20525N	9	0.2	2.53	7.8	1.8	< 20	232	0.1	0.77	0.3	19.2	37	96.2	3.88	7	0.16	0.04	8	1.04	1090	0.9	0.017	33.2
20250E 20550N	10	0.2	2.30	6.8	1.9	< 20	179	0.2	0.62	0.3	18.0	32	77.7	3.89	8	0.14	0.04	8	0.83	1250	0.6	0.018	30.3
20250E 20575N	14	0.2	2.41	9.5	5.6	< 20	207	0.2	0.52	0.3	20.8	36	104	4.10	7	0.17	0.04	8	0.97	1670	1.1	0.016	36.8
20250E 20600N	4	0.1	1.42	2.9	2.1	< 20	128	0.1	0.36	0.1	7.6	19	19.5	2.70	6	0.14	0.04	7	0.35	1490	0.3	0.012	11.7
20250E 20625N	6	0.5	3.48	13.2	2.9	< 20	178	< 0.1	0.28	0.2	19.9	41	127	4.91	8	0.14	0.07	7	1.06	575	1.2	0.016	45.9
20250E 20650N	3	0.6	3.27	10.6	2.1	< 20	186	0.1	0.27	0.2	19.7	63	37.7	4.26	10	0.17	0.03	9	1.47	1170	0.7	0.014	30.0
20250E 20675N	3	0.5	2.46	9.4	1.3	< 20	165	0.2	0.25	0.3	12.4	30	37.3	4.52	9	0.17	0.06	11	0.46	677	1.2	0.012	27.5
20250E 20700N	8	0.4	2.53	14.8	< 0.5	< 20	220	0.2	0.36	0.4	20.2	44	90.1	4.56	7	0.14	0.06	13	0.78	1140	2.4	0.015	47.7
20250E 20725N	3	0.2	1.32	3.2	< 0.5	< 20	132	0.1	0.23	0.1	4.9	21	11.0	2.95	7	0.07	0.03	8	0.28	407	0.5	0.012	10.5
20250E 20750N	8	0.3	1.76	7.7	1.3	< 20	227	0.2	0.49	0.3	11.0	26	35.6	3.59	7	0.11	0.05	8	0.46	2370	0.8	0.017	23.2
20250E 20775N	5	0.4	2.09	7.9	0.6	< 20	146	0.2	0.28	0.2	9.0	25	45.9	4.05	8	0.10	0.05	8	0.49	569	0.7	0.015	20.6
20250E 20800N	7	0.2	1.58	3.6	1.3	< 20	181	0.1	0.28	0.3	11.3	25	23.0	3.50	7	0.05	0.03	10	0.35	621	1.7	0.015	17.9
20250E 20825N	6	0.5	3.39	7.7	1.4	< 20	153	0.1	0.34	0.2	13.4	37	89.2	4.67	11	0.07	0.05	7	0.59	801	1.3	0.019	28.4
20250E 20850N	11	0.2	2.15	6.8	2.4	< 20	194	0.2	0.66	0.3	14.4	31	65.1	3.87	11	0.21	0.04	5	0.52	3330	0.4	0.021	21.8
20250E 20875N	5	0.3	3.05	8.4	1.8	< 20	87.9	0.1	0.29	< 0.1	9.1	36	92.0	4.54	10	0.11	0.04	6	0.62	362	1.1	0.017	25.2
20250E 20900N	6	0.2	2.29	4.9	2.0	< 20	74.7	0.2	0.36	0.2	8.7	31	74.4	4.36	11	0.13	0.03	6	0.56	589	1.3	0.020	24.2
20250E 20925N	9	0.3	3.80	9.9	2.7	< 20	72.6	0.1	0.16	< 0.1	6.5	34	120	4.52	10	0.16	0.03	6	0.41	281	1.0	0.013	19.2
20250E 20950N	11	0.3	4.17	10.5	6.1	< 20	93.8	0.2	0.22	0.1	6.9	38	120	4.95	12	0.20	0.04	6	0.42	500	1.1	0.017	19.9
20250E 20975N	6	0.4	4.72	9.6	1.8	< 20	137	0.1	0.20	< 0.1	11.2	42	76.1	4.61	13	0.11	0.05	6	0.63	721	0.9	0.016	27.9
20250E 21000N	6	0.7	4.04	6.6	2.7	< 20	163	0.1	0.37	0.4	88.2	34	140	3.80	10	0.18	0.05	15	0.63	4580	1.8	0.021	34.8
20300E 20500N	5	0.3	1.96	6.4	< 0.5	< 20	266	0.3	0.50	0.6	13.5	21	38.6	3.07	7	0.21	0.05	6	0.39	3190	0.4	0.014	14.6
20300E 20525N	8	0.2	2.23	6.1	2.6	< 20	215	0.1	0.64	0.4	19.0	37	46.1	3.88	11	0.12	0.03	5	0.72	2770	0.3	0.014	24.8
20300E 20550N	7	0.2	2.84	3.9	0.7	< 20	187	0.1	0.46	0.3	22.7	39	140	5.16	12	0.12	0.04	5	0.59	1460	0.3	0.014	32.4
20300E 20575N	4	0.2	2.90	7.3	1.6	< 20	141	< 0.1	0.30	0.2	17.8	63	105	4.96	10	0.11	0.04	6	1.05	712	0.6	0.015	47.7
20300E 20600N	4	0.2	2.04	3.2	< 0.5	< 20	106	< 0.1	0.43	0.2	16.2	39	38.1	3.90	9	0.07	0.03	6	0.71	1050	0.3	0.014	24.3
20300E 20625N	17	0.9	3.42	14.3	3.1	< 20	142	< 0.1	0.27	0.2	18.4	55	141	5.55	11	0.12	0.06	7	0.91	799	1.4	0.015	39.0
20300E 20650N	13	1.7	2.66	16.8	7.3	< 20	141	< 0.1	0.26	0.3	16.2	39	159	4.46	7	0.18	0.05	7	0.88	503	0.7	0.016	45.1
20300E 20675N	6	0.4	2.19	14.5	< 0.5	< 20	229	0.1	0.37	0.3	12.8	32	67.8	4.00	7	0.14	0.06	9	0.57	525	1.9	0.019	34.6
20300E 20700N	6	0.6	2.75	10.9	2.0	< 20	222	0.2	0.32	0.4	12.1	38	67.4	5.20	10	0.11	0.05	17	0.49	447	3.8	0.015	46.9
20300E 20725N	5	0.4	1.84	4.5	47.1	< 20	155	0.1	0.24	0.1	7.7	24	32.2	3.75	9	0.07	0.04	9	0.30	392	0.7	0.019	15.7
20300E 20750N	6	0.2	2.87	11.2	0.7	< 20	224	0.1	0.28	0.2	14.5	39	99.0	4.85	9	0.10	0.07	8	0.75	562	0.9	0.019	40.2
20300E 20775N	11	0.2	2.94	7.9	1.1	< 20	182	0.1	0.45	0.3	72.4	37	140	4.83	12	0.14	0.04	22	0.68	1230	2.2	0.023	50.6
20300E 20800N	7	0.2	3.64	6.0	0.9	< 20	118	0.1	0.31	< 0.1	13.5	35	80.9	4.67	12	0.08	0.04	6	0.61	595	1.1	0.019	25.5
20300E 20825N	6	0.5	2.89	7.5	13.4	< 20	110	0.1	0.29	0.1	8.4	34	76.9	4.59	11	0.17	0.04	7	0.47	299	0.8	0.019	21.0
20300E 20850N	30	0.3	2.73	3.9	0.9	< 20	66.7	0.1	0.28	< 0.1	7.5	31	65.7	4.59	13	0.12	0.03	6	0.45	262	0.5	0.018	18.3
20300E 20875N	6	0.4	3.62	6.3	2.6	< 20	92.0	0.1	0.26	< 0.1	8.1	36	89.4	4.98	13	0.11	0.04	6	0.48	264	0.6	0.019	19.9
20300E 20900N	6	0.3	2.21	5.0	1.5	< 20	113	0.2	0.30	< 0.1	5.5	26	61.1	3.68	9	0.06	0.04	6	0.37	242	0.6	0.017	16.2
20300E 20925N	6	0.4	3.43	9.6	3.2	< 20	148	< 0.1	0.25	< 0.1	9.2	35	97.2	3.92	10	0.11	0.07	7	0.68	347	1.1	0.021	30.4
20300E 20950N	6	0.5	1.80	2.1	0.6	< 20	69.8	0.1	0.21	< 0.1	4.8	18	14.5	2.57	9	0.06	0.02	7	0.46	314	0.5	0.015	8.0
20300E 20975N	5	0.1	1.70	3.6	< 0.5	< 20	139	< 0.1	0.42	< 0.1	16.3	25	45.3	3.83	9	0.04	0.04	8	0.60	806	0.5	0.022	25.5
20300E 21000N	14	0.4	2.54	3.5	3.5	< 20	98.1	0.2	0.43	0.1	10.7	29	70.1	4.07	12	0.15	0.04	6	0.47	497	0.4	0.025	21.2
20400E 20700N	14	0.1	1.07	0.9	1.2	< 20	50.0	< 0.1	0.27	< 0.1	4.3	25	13.8	2.73	7	0.04	0.02	5	0.27	226	0.4	0.020	11.2
20400E 20750N	6	0.2	2.46	4.4	2.6	< 20	187	< 0.1	0.80	< 0.1	11.5	33	88.2	3.59	6	0.06	0.05	8	0.67	419	0.9	0.083	26.4
20400E 20800N	6	0.1	2.88	6.6	2.1	< 20	98.8	< 0.1	0.40	0.2	17.5	45	68.4	4.89	9	0.12	0.05	7	0.90	924	1.0	0.023	31.8
20400E 20850N	6	< 0.1	2.73	6.9	2.2	< 20	207	< 0.1	0.77	< 0.1	20.2	37	92.6	4.29	6	0.04	0.06	8	0.80	1140	0.7	0.074	38.3
20400E 20900N	5	0.1	3.86	3.5	1.4	< 20	97.9	< 0.1	0.32	0.1	8.9	46	49.2	4.41	12	0.07	0.04	5	0.44	269	0.8	0.029	24.2
20400E 20950N	4	0.2	0.63	0.9	1.3	< 20	74.6	< 0.1	0.42	< 0.1	3.6	18	7.6	1.50	4	0.02	0.02	5	0.19	175	0.2	0.023	7.4

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
20400E 21000N	5	0.1	2.53	4.4	< 0.5	< 20	86.2	< 0.1	0.42	< 0.1	11.2	54	71.3	3.65	10	0.04	0.02	4	0.58	480	0.5	0.029	26.8
20400E 21050N	7	0.2	2.30	6.6	< 0.5	< 20	101	0.1	0.34	< 0.1	9.6	38	41.6	4.18	10	0.13	0.03	5	0.42	447	0.7	0.027	24.5
20400E 21100N	5	0.3	2.69	12.0	< 0.5	< 20	92.4	< 0.1	0.30	0.1	11.8	54	85.4	4.99	10	0.08	0.03	4	0.47	373	0.9	0.027	32.2
20400E 21150N	3	0.2	2.98	3.1	1.4	< 20	142	0.1	0.34	0.1	12.5	36	54.6	4.21	10	0.09	0.04	6	0.35	1350	0.7	0.026	19.6
20400E 21200N	7	< 0.1	2.35	9.0	1.9	< 20	90.7	< 0.1	0.30	0.1	14.2	48	115	4.61	9	0.08	0.02	3	0.45	1110	0.6	0.017	26.3
20400E 21250N	5	< 0.1	1.78	2.7	6.8	< 20	114	0.1	0.25	< 0.1	9.7	20	17.1	3.64	8	0.07	0.04	6	0.23	1120	0.6	0.022	9.2
20400E 21300N	5	0.1	2.53	4.9	1.1	< 20	80.0	0.1	0.25	0.1	6.9	30	31.1	3.96	11	0.07	0.03	4	0.37	306	1.0	0.024	15.7
20400E 21350N	5	0.2	3.03	7.0	1.1	< 20	92.4	< 0.1	0.32	0.2	9.2	33	61.9	4.04	10	0.11	0.04	3	0.50	262	1.4	0.032	21.2
20400E 21400N	7	0.3	2.17	6.9	1.5	< 20	162	0.1	0.62	0.3	23.4	27	40.6	3.18	8	0.08	0.05	15	0.53	1820	1.8	0.038	22.0
20400E 21450N	7	0.2	2.02	4.4	5.6	< 20	82.7	< 0.1	0.31	0.1	7.0	25	32.6	3.47	9	0.12	0.03	5	0.32	601	1.0	0.029	12.3
20400E 21500N	5	0.2	2.16	4.7	5.9	< 20	79.0	0.1	0.32	0.1	6.5	26	27.6	3.67	10	0.13	0.03	4	0.33	173	0.7	0.028	14.2
20400E 21550N	7	0.1	2.23	4.3	1.1	< 20	253	< 0.1	0.51	0.2	16.7	40	81.0	3.31	6	0.05	0.04	10	0.67	614	0.8	0.042	31.7
20400E 21600N	4	0.1	1.54	1.8	0.8	< 20	202	0.1	0.44	0.2	17.2	26	26.8	2.97	7	0.05	0.03	10	0.39	1260	0.8	0.031	24.3
20400E 21650N	4	0.1	2.87	3.1	2.7	< 20	113	< 0.1	0.30	0.1	11.0	37	41.7	3.87	11	0.09	0.03	5	0.47	512	1.3	0.026	22.7
20500E 21500N	5	< 0.1	1.31	2.8	2.0	< 20	133	0.2	0.22	< 0.1	6.6	20	14.5	3.62	7	0.04	0.04	6	0.28	580	0.5	0.019	10.3
20500E 21550N	11	0.3	5.20	7.4	4.8	< 20	119	< 0.1	0.34	0.1	9.9	43	126	3.62	9	0.27	0.04	7	0.62	269	1.8	0.036	29.5
20500E 21600N	4	< 0.1	1.51	2.2	0.8	< 20	68.2	< 0.1	0.28	< 0.1	5.8	25	16.9	3.47	10	0.03	0.03	5	0.33	259	1.5	0.023	11.4
20500E 21650N	3	0.1	1.79	2.1	< 0.5	< 20	46.7	< 0.1	0.27	< 0.1	10.9	19	11.5	4.83	11	0.13	0.03	6	0.34	349	0.4	0.016	13.4
20500E 21700N	3	< 0.1	3.72	4.0	1.5	< 20	76.1	< 0.1	0.22	< 0.1	11.9	35	37.0	5.02	12	0.15	0.05	6	0.51	326	1.0	0.021	20.9
20500E 21750N	4	< 0.1	1.72	2.9	4.7	< 20	73.9	0.1	0.26	< 0.1	5.3	29	13.6	3.49	12	0.07	0.03	7	0.31	295	0.8	0.018	12.7
20500E 21800N	5	0.2	2.47	4.0	1.8	< 20	94.2	< 0.1	0.34	0.1	7.3	33	43.1	3.74	10	0.13	0.03	4	0.41	224	0.9	0.026	19.7
20500E 21850N	10	0.2	3.35	5.1	2.6	< 20	140	< 0.1	0.38	< 0.1	10.2	38	99.7	3.35	8	0.13	0.03	11	0.57	303	0.9	0.037	27.0
20500E 21900N	7	0.2	2.82	5.0	0.8	< 20	113	< 0.1	0.30	< 0.1	9.2	47	82.7	3.97	9	0.11	0.03	4	0.53	272	0.8	0.025	25.7
20500E 21950N	6	< 0.1	2.09	10.0	1.1	< 20	189	0.2	0.64	0.3	33.9	62	60.8	4.02	10	0.10	0.03	5	0.53	3100	0.6	0.022	33.5
20500E 22000N	5	0.1	2.61	5.2	1.3	< 20	103	0.1	0.32	0.1	8.6	31	48.9	3.53	9	0.05	0.03	4	0.42	516	0.7	0.028	19.7
20500E 22050N	5	0.3	2.21	3.7	< 0.5	< 20	78.1	0.1	0.28	0.1	8.2	29	31.3	3.58	9	0.15	0.03	4	0.44	561	0.5	0.021	15.9
20500E 22100N	4	0.2	2.53	9.5	2.5	< 20	90.2	0.1	0.25	0.1	13.9	37	73.2	4.23	10	0.10	0.03	5	0.41	643	0.6	0.018	23.9
20500E 22150N	6	0.1	2.24	5.5	1.4	< 20	102	0.1	0.24	0.1	9.4	20	63.5	3.50	7	0.11	0.04	7	0.32	1250	1.0	0.022	14.0
20500E 22200N	8	0.2	2.09	2.8	2.4	< 20	66.5	0.1	0.21	< 0.1	5.5	18	39.7	2.97	7	0.07	0.03	6	0.24	409	0.7	0.022	8.7
20500E 22250N	8	0.1	1.63	3.5	2.2	< 20	93.1	0.2	0.12	< 0.1	4.1	12	20.3	2.34	7	0.04	0.04	10	0.09	468	0.3	0.017	5.0
20500E 22300N	5	0.2	2.40	247	2.9	< 20	102	0.1	0.33	0.1	9.4	25	30.6	3.31	9	0.08	0.03	5	0.38	930	0.7	0.031	15.6
20500E 22350N	10	< 0.1	0.83	3.1	0.5	< 20	34.6	0.1	0.27	< 0.1	2.9	16	5.4	2.64	8	0.01	0.02	5	0.17	186	0.4	0.021	4.9
20500E 22400N	6	0.1	1.55	8.5	0.7	< 20	65.2	0.1	0.20	< 0.1	3.6	15	19.5	2.55	6	0.16	0.03	7	0.22	642	1.3	0.018	8.8
20500E 22450N	9	0.2	2.21	5.1	5.2	< 20	70.5	0.1	0.27	< 0.1	4.9	29	31.0	3.84	11	0.10	0.03	5	0.34	211	0.6	0.025	12.9
20500E 22500N	3	< 0.1	0.82	1.5	1.0	< 20	59.0	< 0.1	0.31	< 0.1	3.1	15	6.9	2.48	6	0.03	0.02	7	0.19	214	0.6	0.016	7.7
20600E 21500N	5	0.1	2.82	3.5	0.8	< 20	81.7	< 0.1	0.28	0.1	14.2	28	53.7	3.96	8	0.12	0.04	5	0.54	778	0.9	0.025	24.2
20600E 21550N	4	0.1	2.57	1.8	0.5	< 20	91.7	< 0.1	0.27	0.1	12.2	25	38.2	4.69	9	0.05	0.04	5	0.40	339	0.5	0.025	18.5
20600E 21600N	3	0.1	1.67	2.0	< 0.5	< 20	76.7	< 0.1	0.30	< 0.1	7.4	22	21.2	3.05	8	0.06	0.03	5	0.32	408	0.4	0.024	12.1
20600E 21650N	5	< 0.1	1.47	2.3	2.0	< 20	82.3	< 0.1	0.29	< 0.1	6.5	19	9.6	3.64	8	0.07	0.04	7	0.33	775	0.4	0.018	10.1
20600E 21700N	4	< 0.1	1.45	2.2	6.6	< 20	77.2	0.1	0.29	< 0.1	5.2	25	17.6	2.97	9	0.05	0.03	6	0.27	330	0.4	0.020	12.0
20600E 21750N	4	< 0.1	2.24	4.8	0.6	< 20	71.5	< 0.1	0.27	< 0.1	6.3	41	35.8	4.15	12	0.14	0.02	5	0.36	184	0.8	0.025	16.5
20600E 21800N	7	< 0.1	2.09	5.3	1.0	< 20	160	< 0.1	0.32	0.2	14.3	29	94.9	3.65	6	0.13	0.05	10	0.70	1340	0.7	0.024	34.0
20600E 21850N	5	0.1	1.86	3.7	1.8	< 20	134	0.1	0.39	0.1	7.3	41	33.7	4.07	11	0.09	0.03	5	0.34	332	0.8	0.021	17.2
20600E 21900N	4	0.2	2.28	5.5	2.3	< 20	97.3	0.1	0.31	< 0.1	11.4	124	28.6	4.54	13	0.07	0.04	12	1.22	254	1.5	0.013	97.3
20600E 21950N	7	< 0.1	2.50	13.3	2.5	< 20	125	0.1	0.52	0.2	14.0	74	51.8	4.38	10	0.06	0.03	5	0.61	1470	0.7	0.019	37.5
20600E 22000N	7	0.1	1.93	2.9	1.0	< 20	52.7	< 0.1	0.27	< 0.1	5.0	24	33.4	3.17	10	0.06	0.02	4	0.32	239	0.3	0.024	11.3
20600E 22050N	8	0.2	1.48	3.9	3.0	< 20	43.6	0.1	0.24	< 0.1	5.6	24	26.7	3.29	8	0.08	0.02	7	0.39	476	0.6	0.013	14.1
20600E 22100N	5	< 0.1	2.31	6.6	1.0	< 20	144	0.2	0.28	0.2	7.9	25	24.9	3.61	8	0.15	0.04	5	0.32	2630	0.8	0.021	13.4
20600E 22150N	4	0.2	1.82	4.5	0.5	< 20	163	0.2	0.13	0.1	8.9	14	26.5	3.39	6	0.14	0.05	7	0.33	540	4.4	0.018	9.3
20600E 22200N	9	0.3	4.39	21.6	6.1	< 20	145	0.5	0.11	0.1	23.9	18	129	5.58	8	0.18	0.06	12	0.37	1010	1.4	0.017	14.5
20600E 22250N	3	0.2	1.86	12.1	1.1	< 20	38.8	< 0.1	0.09	< 0.1	2.2	10	14.7	2.42	10	0.07	0.03	6	0.14	162	0.9	0.012	6.4

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
20600E 22300N	2	0.1	0.72	1.9	< 0.5	< 20	15.4	< 0.1	0.02	< 0.1	0.2	4	0.9	0.41	6	0.02	0.02	4	0.02	53	0.2	0.013	0.9
20600E 22350N	4	0.1	1.53	3.5	3.4	< 20	44.7	0.1	0.20	< 0.1	2.9	16	11.4	2.65	11	0.05	0.03	6	0.22	224	1.1	0.019	7.3
20600E 22400N	5	< 0.1	2.17	4.9	1.6	< 20	66.1	0.2	0.22	< 0.1	3.6	29	20.2	4.25	13	0.08	0.03	6	0.26	370	1.2	0.019	9.9
20600E 22450N	6	0.2	1.13	3.9	0.6	< 20	63.4	0.1	0.19	< 0.1	3.6	19	12.7	2.48	8	0.13	0.02	7	0.21	713	0.7	0.018	10.8
20600E 22500N	5	0.6	2.89	6.4	1.3	< 20	315	0.2	0.55	0.8	32.6	23	43.1	3.00	7	0.13	0.04	20	0.35	9440	0.6	0.023	104
21700E 21600N	5	< 0.1	2.48	3.5	2.0	< 20	80.5	< 0.1	0.46	< 0.1	22.7	91	42.8	5.95	9	0.09	0.05	6	1.61	623	0.6	0.015	60.4
21700E 21650N	4	0.1	2.01	6.6	2.0	< 20	222	0.2	0.52	0.2	14.5	97	59.7	3.69	7	0.11	0.04	5	0.85	2870	0.7	0.028	47.8
21700E 21700N	7	< 0.1	2.67	3.0	2.7	< 20	129	< 0.1	0.21	< 0.1	11.6	26	50.9	4.27	9	0.07	0.04	9	0.72	352	0.9	0.019	18.0
21700E 21750N	7	0.2	2.55	4.2	1.6	< 20	122	< 0.1	0.38	0.1	11.6	38	90.8	4.04	9	0.16	0.03	5	0.40	565	0.6	0.026	18.1
21700E 21800N	6	0.1	3.59	9.7	2.3	< 20	128	0.1	0.34	< 0.1	11.0	66	75.3	4.53	12	0.05	0.04	6	0.64	374	1.3	0.022	29.9
21700E 21850N	5	0.2	2.06	5.6	1.7	< 20	164	< 0.1	0.34	< 0.1	9.2	22	56.7	3.51	8	0.12	0.03	7	0.33	570	0.5	0.022	13.2
21700E 21900N	6	< 0.1	1.24	3.1	1.5	< 20	103	< 0.1	0.23	< 0.1	4.9	16	19.9	2.56	6	0.08	0.03	6	0.26	359	0.5	0.017	8.7
21700E 21950N	9	0.2	1.81	2.0	1.6	< 20	178	0.1	0.23	< 0.1	11.2	20	35.5	2.87	7	0.10	0.05	9	0.38	1450	0.5	0.018	13.9
21700E 22000N	2	0.5	1.07	1.8	< 0.5	< 20	126	0.2	0.37	< 0.1	6.6	11	16.6	1.92	4	0.15	0.03	5	0.32	1650	0.2	0.016	7.6
21700E 22050N	6	0.1	3.39	10.3	2.0	< 20	103	0.2	0.18	0.3	11.7	37	135	4.79	9	0.12	0.04	11	0.63	1880	3.0	0.016	26.0
20150E 20500N	8	0.2	2.12	6.5	1.6	< 20	181	0.1	0.61	0.2	19.6	24	67.8	4.72	10	0.09	0.04	7	0.70	1590	0.7	0.022	22.8
20150E 20525N	8	0.2	1.72	2.6	1.9	< 20	115	0.1	0.53	0.2	10.4	24	31.2	3.52	10	0.08	0.04	8	0.49	916	0.4	0.017	15.7
20150E 20550N	6	0.2	2.37	3.6	< 0.5	< 20	187	0.2	0.50	0.2	18.8	24	101	4.42	8	0.14	0.04	5	0.67	6230	0.5	0.019	23.2
20150E 20575N	23	0.1	1.63	2.0	1.4	< 20	67.0	0.2	0.57	0.1	7.9	15	19.1	2.72	10	0.07	0.03	7	0.34	591	0.2	0.016	8.7
20150E 20600N	8	0.4	2.30	3.9	< 0.5	< 20	215	0.2	0.43	0.2	14.2	30	37.7	4.26	9	0.17	0.05	7	0.50	1940	0.8	0.016	20.3
20150E 20625N	7	0.3	1.70	4.7	2.0	< 20	205	0.1	0.34	0.2	7.2	27	22.3	3.73	9	0.07	0.04	12	0.46	414	1.0	0.016	13.9
20150E 20650N	5	0.5	3.04	26.0	2.5	< 20	192	0.2	0.36	0.4	21.8	117	51.3	5.19	10	0.11	0.05	7	1.27	942	1.8	0.015	54.0
20150E 20675N	5	0.1	1.50	6.3	< 0.5	< 20	173	0.1	0.36	0.2	8.3	26	20.5	3.61	7	0.07	0.04	10	0.47	700	1.3	0.015	15.8
20150E 20700N	6	0.1	2.40	16.0	0.9	< 20	390	0.2	0.29	0.5	14.8	51	49.2	4.72	8	0.07	0.07	10	0.73	820	2.5	0.018	36.6
20150E 20725N	8	0.2	1.45	6.8	1.6	< 20	254	0.3	0.33	0.2	9.4	26	20.6	3.75	6	0.09	0.05	11	0.35	2620	0.9	0.013	16.0
20150E 20750N	20	1.1	1.97	16.9	6.4	< 20	118	0.2	0.22	0.1	23.4	27	92.3	6.29	6	0.11	0.05	22	0.49	899	5.1	0.013	37.8
20150E 20775N	13	0.4	2.27	17.0	7.3	< 20	148	0.2	0.41	0.2	20.3	34	115	5.39	6	0.11	0.06	15	0.77	853	3.1	0.017	50.5
20150E 20800N	21	0.5	2.41	15.4	5.6	< 20	129	0.1	0.39	0.2	25.6	36	132	5.39	6	0.14	0.06	16	0.87	937	2.5	0.019	63.1
20150E 20825N	10	0.4	2.30	11.3	2.7	< 20	131	0.2	0.29	0.2	16.0	32	99.9	4.85	6	0.15	0.04	10	0.72	732	1.8	0.015	39.4
20150E 20850N	8	0.4	2.54	9.1	2.4	< 20	127	0.1	0.21	0.1	10.3	34	67.7	4.75	8	0.10	0.05	8	0.70	352	1.3	0.013	26.5
20150E 20875N	3	0.3	2.30	7.3	1.2	< 20	132	0.1	0.17	0.2	8.5	32	37.6	4.31	9	0.11	0.05	9	0.59	296	1.4	0.012	19.1
20150E 20900N	4	0.3	1.74	3.2	< 0.5	< 20	108	0.1	0.24	0.1	4.9	24	17.8	3.32	8	0.15	0.05	11	0.33	217	1.5	0.011	10.9
20150E 20925N	12	0.3	2.78	8.9	0.8	< 20	181	0.1	0.30	0.2	11.6	38	61.4	4.43	10	0.19	0.07	9	0.80	439	2.1	0.014	27.0
20150E 20950N	7	0.3	3.05	8.5	1.1	< 20	106	< 0.1	0.25	0.1	12.9	37	105	4.20	8	0.12	0.04	6	0.86	378	1.2	0.015	33.3
20150E 20975N	8	0.4	2.65	7.8	1.9	< 20	76.4	0.2	0.35	0.2	10.1	30	73.9	4.06	9	0.19	0.04	6	0.62	476	0.5	0.020	20.9
20150E 21000N	10	0.2	2.52	13.4	5.5	< 20	200	< 0.1	0.59	0.2	23.7	37	137	4.86	7	0.13	0.05	10	1.01	915	1.1	0.022	42.9
19800E 18500N	10	0.1	3.48	6.3	11.1	< 20	82.7	0.3	0.39	0.1	36.5	23	49.4	4.97	13	0.16	0.04	10	0.63	1490	1.5	0.026	25.8
19800E 18525N	9	0.2	2.95	4.2	59.2	< 20	63.1	0.2	0.44	0.1	14.3	19	39.1	4.69	14	0.18	0.05	8	0.68	611	1.2	0.042	12.0
19800E 18550N	10	0.3	3.76	4.9	6.4	< 20	49.6	0.2	0.20	< 0.1	8.3	18	50.8	4.31	12	0.19	0.04	5	0.42	296	0.6	0.019	7.7
19800E 18575N	12	0.2	2.76	3.3	3.4	< 20	43.4	0.2	0.28	< 0.1	5.2	15	37.0	4.08	14	0.18	0.05	7	0.40	284	0.9	0.027	5.5
19800E 18600N	20	0.2	6.14	6.7	11.0	< 20	49.7	0.2	0.28	< 0.1	8.6	20	98.6	3.61	10	0.14	0.07	7	0.63	386	0.8	0.031	9.7
19800E 18625N	21	0.1	3.92	7.0	15.2	< 20	60.2	0.2	0.51	< 0.1	12.4	22	106	3.85	10	0.16	0.07	9	0.70	525	0.8	0.040	12.6
19800E 18650N	37	0.1	3.68	8.5	27.4	< 20	67.9	0.3	0.66	0.1	15.4	22	119	4.05	9	0.15	0.08	8	0.75	816	0.9	0.044	15.1
19800E 18675N	15	0.2	3.05	6.2	6.4	< 20	63.5	0.3	0.60	< 0.1	13.9	21	89.5	3.50	9	0.18	0.06	7	0.55	1240	0.9	0.043	13.4
19800E 18700N	32	0.2	2.54	5.6	5.8	< 20	47.2	0.3	0.55	0.1	10.6	18	75.8	3.28	9	0.18	0.05	7	0.56	401	0.7	0.038	11.5
19800E 18725N	454	0.2	2.65	7.7	112	< 20	38.0	5.0	0.28	0.1	6.0	17	75.7	5.15	16	0.28	0.04	6	0.27	323	1.4	0.016	6.6
19800E 18750N	16	0.1	2.39	2.9	1.8	< 20	39.8	0.2	0.29	< 0.1	4.6	14	45.8	3.02	10	0.16	0.03	5	0.22	273	0.5	0.022	5.7
19800E 18900N	13	0.2	2.78	4.8	3.0	< 20	40.9	0.2	0.22	< 0.1	5.2	18	22.5	2.94	10	0.17	0.03	6	0.26	185	0.6	0.016	6.3
19800E 18925N	7	0.2	1.91	4.4	2.6	< 20	43.4	0.2	0.33	0.1	6.4	19	27.0	3.54	11	0.14	0.04	6	0.33	292	0.7	0.020	8.3
19800E 18950N	10	0.2	2.34	2.9	4.8	< 20	67.0	0.2	0.45	0.1	52.6	26	37.4	2.95	10	0.10	0.04	11	0.42	1590	0.6	0.022	14.3
19800E 18975N	9	0.1	2.24	4.2	2.8	< 20	47.2	0.2	0.39	0.1	6.6	20	27.8	2.77	9	0.16	0.03	6	0.29	451	0.5	0.020	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
19800E 19000N	7	0.3	3.31	3.9	10.9	< 20	46.3	0.2	0.34	0.3	7.5	25	48.6	3.20	8	0.26	0.03	5	0.36	435	0.8	0.021	11.3
19850E 18500N	12	0.3	4.95	8.7	5.7	< 20	42.8	0.2	0.25	0.2	7.2	19	71.9	4.44	11	0.34	0.04	8	0.40	289	1.3	0.021	9.2
19850E 18525N	12	0.2	1.97	7.3	1.4	< 20	35.1	0.5	0.62	0.1	8.6	13	70.9	4.98	15	0.26	0.08	7	0.26	1010	1.2	0.028	5.8
19850E 18550N	9	0.3	2.29	9.0	0.8	< 20	49.7	0.2	0.51	< 0.1	6.3	13	30.9	3.31	12	0.19	0.08	10	0.34	353	1.0	0.032	5.9
19850E 18575N	16	0.1	2.67	8.6	1.6	< 20	77.2	0.3	0.29	0.2	14.6	17	32.0	4.44	14	0.14	0.04	6	0.49	768	0.9	0.028	10.3
19850E 18600N	16	0.2	2.55	9.7	2.4	< 20	44.4	0.2	0.29	0.1	5.9	18	37.1	4.40	13	0.26	0.04	5	0.44	273	0.7	0.022	6.9
19850E 18625N	13	0.2	3.81	5.1	7.7	< 20	48.1	0.2	0.28	0.1	8.2	21	64.0	4.35	11	0.21	0.04	6	0.45	490	0.7	0.031	9.5
19850E 18650N	19	0.2	3.23	5.5	5.6	< 20	63.1	0.3	0.40	0.1	8.7	28	49.4	4.17	12	0.16	0.05	6	0.52	464	0.9	0.024	13.7
19850E 18675N	11	0.2	2.01	3.3	3.2	< 20	51.4	0.2	0.33	< 0.1	5.4	19	23.0	3.23	10	0.12	0.03	5	0.30	354	0.6	0.022	7.8
19850E 18700N	17	0.1	2.68	4.2	26.1	< 20	46.6	0.2	0.43	0.1	12.9	21	42.2	3.55	11	0.15	0.04	10	0.45	279	1.0	0.031	10.8
19850E 18725N	52	0.2	2.59	5.9	18.4	< 20	48.9	0.3	0.29	< 0.1	5.4	17	38.9	3.14	10	0.24	0.05	6	0.27	218	0.8	0.025	6.6
19850E 18750N	22	0.1	2.09	4.5	7.8	< 20	84.3	0.4	0.55	0.2	13.2	16	46.6	3.28	8	0.33	0.05	5	0.29	1510	0.8	0.027	10.3
19850E 18775N	19	0.3	1.74	2.3	1.2	< 20	78.6	0.2	0.47	0.1	9.6	14	64.4	2.78	6	0.19	0.05	5	0.29	663	0.5	0.035	7.6
19850E 18800N	20	0.4	1.93	4.1	3.2	< 20	58.2	0.4	0.37	0.1	6.8	17	65.2	3.91	9	0.25	0.04	5	0.38	295	1.1	0.029	8.4
19850E 18825N	19	0.1	0.95	2.4	2.7	< 20	36.0	0.2	0.35	0.1	5.2	11	20.3	1.83	5	0.18	0.04	5	0.21	316	0.4	0.034	5.1
19850E 18850N	16	0.1	1.54	3.1	< 0.5	< 20	36.0	0.2	0.33	< 0.1	3.4	13	19.0	2.41	9	0.10	0.03	6	0.25	181	0.7	0.030	4.9
19850E 18875N	12	< 0.1	2.18	2.4	0.8	< 20	95.2	0.2	0.74	0.4	161	18	101	3.77	9	0.19	0.07	12	0.51	2710	0.5	0.027	15.2
19850E 18900N	9	0.2	3.00	6.8	1.4	< 20	60.8	0.3	0.29	0.1	15.7	18	77.4	3.70	11	0.15	0.04	5	0.43	570	0.7	0.026	12.2
19850E 18925N	17	0.1	1.71	3.3	< 0.5	< 20	40.2	0.2	0.35	< 0.1	3.5	12	10.7	2.03	8	0.13	0.03	8	0.21	169	0.6	0.016	5.0
19850E 18950N	10	0.2	2.54	4.5	0.8	< 20	61.5	0.2	0.45	0.1	16.2	25	51.2	3.40	10	0.12	0.05	5	0.54	640	1.0	0.024	15.6
19850E 18975N	5	< 0.1	1.25	1.3	1.3	< 20	39.7	0.1	0.49	< 0.1	5.0	14	6.1	2.07	9	0.10	0.04	8	0.30	364	0.2	0.039	4.4
19850E 19000N	6	< 0.1	1.63	3.5	4.0	< 20	95.2	0.2	0.55	< 0.1	8.2	22	15.0	2.70	9	0.08	0.03	6	0.39	839	0.4	0.026	10.7
19900E 18400N	23	0.1	1.39	3.3	1.6	< 20	26.0	0.2	0.43	< 0.1	3.5	13	21.9	2.42	10	0.11	0.02	6	0.19	211	0.8	0.018	3.9
19900E 18425N	13	0.2	2.95	5.8	1.7	< 20	55.5	0.3	0.43	0.1	15.9	25	78.3	4.53	12	0.18	0.05	5	0.38	789	1.0	0.022	11.8
19900E 18450N	15	0.2	4.15	8.2	3.3	< 20	70.6	0.2	0.51	0.2	50.1	27	121	4.14	11	0.16	0.06	11	0.76	1020	1.1	0.039	77.8
19900E 18475N	15	0.4	3.01	5.6	> 1000	< 20	53.9	0.3	0.32	0.1	9.5	23	51.8	4.62	13	0.19	0.04	6	0.58	329	0.9	0.023	13.9
19900E 18500N	4	0.1	2.50	9.2	2.0	< 20	46.8	0.3	0.30	< 0.1	8.5	19	29.9	5.06	13	0.11	0.03	6	0.33	279	1.1	0.016	7.5
19900E 18525N	9	0.1	2.71	8.7	1.0	< 20	38.8	0.2	0.28	0.2	10.4	22	40.5	4.10	12	0.11	0.06	6	0.52	772	1.6	0.024	11.4
19900E 18550N	6	0.1	1.66	4.3	2.8	< 20	29.0	0.2	0.22	0.1	2.5	9	10.5	2.51	12	0.10	0.03	6	0.16	207	0.4	0.012	3.1
19900E 18575N	10	0.1	3.31	10.2	2.6	< 20	68.5	0.2	0.36	0.2	19.6	20	50.2	4.64	13	0.17	0.05	8	0.52	394	1.1	0.024	11.7
19900E 18600N	11	0.2	3.09	40.2	4.5	< 20	67.3	0.3	0.28	< 0.1	11.8	18	40.6	4.53	14	0.16	0.07	7	0.51	1060	1.0	0.023	10.6
19900E 18625N	18	0.3	2.98	172	2.3	< 20	81.4	0.2	0.40	0.1	16.1	20	55.6	3.87	10	0.18	0.06	7	0.59	434	1.0	0.022	12.6
19900E 18650N	15	0.2	3.75	6.3	2.1	< 20	48.7	0.2	0.29	0.1	8.4	21	67.4	3.76	9	0.21	0.04	6	0.54	327	0.8	0.025	10.5
19900E 18675N	10	0.1	2.52	4.1	1.4	< 20	63.6	0.2	0.43	0.1	13.8	22	30.1	3.50	12	0.13	0.05	6	0.63	483	0.5	0.027	12.2
19900E 18700N	21	0.1	2.05	4.3	1.0	< 20	73.2	0.2	0.54	0.1	22.9	19	31.1	3.16	9	0.12	0.04	7	0.46	1470	0.6	0.036	9.8
19900E 18725N	9	0.1	1.16	2.7	2.1	< 20	40.6	0.2	0.35	< 0.1	3.9	12	11.0	2.36	9	0.09	0.03	6	0.24	224	0.8	0.025	4.2
19900E 18750N	10	0.2	2.17	3.7	6.9	< 20	47.6	0.3	0.34	0.2	6.4	21	29.7	3.97	13	0.12	0.04	5	0.35	261	1.3	0.020	7.7
19900E 18775N	17	0.1	2.75	3.7	17.2	< 20	55.4	0.2	0.48	0.1	17.4	20	59.4	3.33	9	0.19	0.05	8	0.51	868	0.8	0.030	11.3
19900E 18800N	11	< 0.1	1.89	2.8	1.2	< 20	47.1	0.2	0.44	< 0.1	10.6	21	21.6	3.34	12	0.14	0.03	6	0.42	283	0.7	0.024	9.1
19900E 18825N	13	< 0.1	1.52	2.9	5.7	< 20	39.8	0.2	0.43	< 0.1	5.0	20	14.1	3.05	11	0.11	0.02	5	0.31	204	0.4	0.024	6.8
19900E 18850N	7	< 0.1	3.61	6.2	8.6	< 20	61.8	0.2	0.35	0.1	11.8	32	69.2	4.68	13	0.12	0.05	6	0.63	321	1.2	0.024	18.9
19900E 18875N	10	< 0.1	2.89	4.1	3.2	< 20	63.8	0.2	0.52	< 0.1	18.0	32	71.5	4.19	10	0.10	0.05	6	0.83	569	0.9	0.026	25.4
19900E 18900N	40	0.1	2.31	2.7	3.8	< 20	60.5	0.3	0.57	0.2	41.0	18	36.5	4.08	12	0.11	0.05	11	0.55	2980	0.9	0.029	10.3
20200E 20500N	6	0.7	2.78	7.4	1.2	< 20	226	0.1	0.82	0.3	26.2	40	133	4.86	10	0.12	0.04	10	0.84	1530	1.0	0.019	34.1
20200E 20525N	4	0.2	2.43	5.2	1.3	< 20	178	0.1	0.32	0.1	10.6	49	57.0	4.38	10	0.11	0.05	8	0.53	440	0.9	0.014	30.3
20200E 20550N	6	0.1	3.69	8.3	3.0	< 20	136	0.1	0.28	0.2	16.7	47	126	5.24	10	0.12	0.05	5	0.83	629	1.0	0.015	37.3
20200E 20575N	3	0.1	3.81	10.6	0.8	< 20	185	0.2	0.18	< 0.1	13.2	43	72.4	5.19	10	0.13	0.06	7	0.80	733	1.1	0.014	33.3
20200E 20600N	23	0.1	3.61	8.5	33.1	< 20	164	0.1	0.48	0.3	30.2	51	170	6.03	10	0.09	0.06	7	1.60	1640	0.8	0.014	42.5
20200E 20625N	16	0.2	1.94	12.6	2.5	< 20	155	0.1	0.29	0.2	8.9	27	28.0	3.88	8	0.10	0.05	9	0.40	601	0.7	0.011	15.3
20200E 20650N	4	0.3	3.21	19.3	1.8	< 20	272	0.1	0.26	0.2	15.1	35	93.3	5.10	8	0.12	0.08	8	0.87	677	1.7	0.015	42.2
20200E 20675N	7	1.5	3.24	25.7	6.3	< 20	171	0.2	0.24	0.4	18.8	39	83.6	5.73	8	0.17	0.08	14	0.68	782	3.6	0.013	49.7

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
20200E 20700N	10	0.5	2.21	14.1	1.9	< 20	181	0.2	0.24	0.2	11.2	34	29.0	4.64	9	0.09	0.05	12	0.42	502	2.6	0.014	25.3
20200E 20725N	6	0.7	2.62	9.0	0.6	< 20	182	0.3	0.22	0.2	15.3	37	47.8	4.67	8	0.15	0.05	10	0.67	728	1.4	0.015	36.4
20200E 20750N	8	0.5	2.43	12.4	1.2	< 20	264	0.2	0.38	0.2	16.2	33	85.4	4.20	7	0.15	0.07	12	0.66	1390	1.5	0.017	43.7
20200E 20775N	5	0.4	2.81	8.2	0.8	< 20	165	0.2	0.25	0.2	13.4	38	47.8	5.16	10	0.23	0.06	7	0.66	780	1.4	0.018	30.0
20200E 20800N	5	0.3	2.20	4.0	2.8	< 20	152	0.1	0.26	0.1	9.9	26	66.6	3.90	8	0.13	0.05	8	0.47	319	0.6	0.015	22.4
20200E 20825N	3	0.3	1.53	3.8	< 0.5	< 20	125	0.1	0.28	0.1	5.0	24	20.2	3.63	10	0.08	0.04	9	0.35	320	1.0	0.014	11.6
20200E 20850N	15	< 0.1	2.74	5.8	2.2	< 20	172	0.1	0.34	0.2	11.9	32	56.5	4.67	9	0.08	0.04	6	0.68	770	0.7	0.017	27.3
20200E 20875N	6	0.1	3.00	6.0	0.7	< 20	141	0.1	0.28	0.1	12.5	35	94.9	5.16	10	0.08	0.04	7	0.63	486	2.1	0.014	30.4
20200E 20900N	6	0.2	3.45	7.2	2.4	< 20	110	0.1	0.21	< 0.1	8.9	36	68.1	4.73	11	0.06	0.04	7	0.53	279	1.1	0.014	23.0
20200E 20925N	8	0.2	2.84	5.8	< 0.5	< 20	92.8	0.1	0.43	< 0.1	7.4	30	74.2	4.58	12	0.10	0.03	7	0.41	295	0.6	0.019	17.5
20200E 20950N	7	0.8	4.18	9.9	1.6	< 20	90.4	0.1	0.20	< 0.1	7.1	36	114	4.79	12	0.26	0.04	6	0.41	279	1.1	0.016	19.8
20200E 20975N	5	0.3	3.80	8.6	0.6	< 20	134	0.1	0.23	< 0.1	8.4	35	80.7	4.05	10	0.16	0.05	7	0.57	415	0.9	0.016	25.2
20200E 21000N	9	0.3	2.26	3.1	2.1	< 20	107	0.2	0.26	< 0.1	6.9	27	39.5	3.59	11	0.11	0.04	8	0.38	360	0.5	0.018	15.7
20450E 20625N	16	0.1	2.06	12.7	7.1	< 20	315	0.2	0.79	0.5	18.7	55	123	4.63	6	0.08	0.06	43	0.92	1150	3.0	0.028	40.9
20450E 20650N	15	0.2	2.69	5.9	2.3	< 20	69.0	0.1	0.38	< 0.1	10.8	39	64.4	4.58	12	0.11	0.03	6	0.64	632	0.7	0.020	23.8
20450E 20675N	7	0.2	2.17	2.4	< 0.5	< 20	55.7	0.1	0.38	< 0.1	7.1	26	33.8	3.56	10	0.10	0.02	6	0.44	439	0.4	0.022	15.4
20450E 20700N	6	0.2	2.18	2.5	1.0	< 20	113	0.1	0.44	< 0.1	9.0	30	47.9	3.62	9	0.08	0.03	7	0.47	421	0.3	0.025	19.6
20450E 20725N	10	0.2	2.43	4.5	1.9	< 20	81.7	0.1	0.28	0.1	14.3	37	65.7	4.81	10	0.10	0.03	4	0.61	624	0.4	0.017	24.7
20450E 20750N	7	0.3	3.14	4.8	22.0	< 20	104	0.1	0.41	0.1	53.3	37	75.1	5.21	12	0.11	0.03	6	0.72	1460	0.4	0.024	29.8
20450E 20775N	9	0.2	3.56	4.9	11.1	< 20	107	< 0.1	0.45	< 0.1	11.0	38	107	4.70	11	0.12	0.03	6	0.64	391	0.7	0.032	26.5
20450E 20850N	5	0.3	3.10	6.6	2.3	< 20	155	0.1	0.54	0.2	69.1	49	99.3	4.90	12	0.11	0.03	8	0.77	1620	0.6	0.025	36.4
20450E 20875N	6	0.4	2.07	10.1	1.4	< 20	158	0.1	0.42	0.1	14.2	50	41.1	3.28	8	0.09	0.04	5	0.62	1730	0.6	0.021	28.2
20450E 20900N	7	0.2	1.20	4.4	0.8	< 20	156	0.2	0.57	< 0.1	8.6	36	13.9	1.94	5	0.06	0.02	5	0.46	989	0.3	0.025	18.9
20450E 20925N	4	0.2	3.00	14.6	1.3	< 20	347	0.1	0.73	0.4	22.2	79	77.5	4.30	9	0.09	0.04	5	1.11	2610	0.5	0.028	54.6
20450E 20950N	10	0.1	3.95	43.7	1.1	< 20	274	< 0.1	0.70	0.2	18.4	62	130	4.74	8	0.10	0.04	6	0.91	722	0.8	0.032	49.4
20450E 20975N	8	0.1	2.05	58.8	1.1	< 20	427	< 0.1	0.85	0.3	22.4	65	105	4.46	4	0.08	0.04	6	1.04	1550	0.7	0.031	45.3
20450E 21000N	5	0.2	2.04	6.6	0.5	< 20	197	0.1	0.40	0.1	9.7	41	33.5	3.49	9	0.12	0.04	7	0.40	950	0.4	0.020	20.1
20700E 21500N	4	0.3	2.58	3.6	1.3	< 20	115	< 0.1	0.43	0.1	12.4	76	80.1	4.41	9	0.10	0.03	7	1.05	312	0.6	0.022	30.3
20700E 21550N	5	0.1	2.48	4.6	2.0	< 20	181	< 0.1	0.46	0.1	12.1	34	61.4	4.05	8	0.12	0.05	5	0.60	518	0.9	0.037	25.4
20700E 22100N	11	0.4	3.12	5.5	2.7	< 20	94.5	0.1	0.23	< 0.1	5.4	33	57.1	3.85	10	0.09	0.03	6	0.43	317	1.4	0.017	16.2
20700E 22150N	9	0.3	4.08	5.3	2.2	< 20	91.5	0.1	0.22	< 0.1	6.8	45	76.1	4.14	10	0.17	0.03	5	0.52	291	1.2	0.020	23.2
20700E 22200N	6	0.5	3.25	8.0	93.6	< 20	87.3	0.1	0.24	< 0.1	6.2	36	45.3	3.83	10	0.13	0.03	5	0.42	226	1.4	0.019	16.6
20700E 22250N	8	0.5	4.21	9.7	3.7	< 20	124	0.1	0.24	0.2	13.6	43	143	5.20	10	0.11	0.03	6	0.67	444	1.4	0.018	33.9
20700E 22300N	6	0.3	1.67	5.9	1.3	< 20	61.9	0.2	0.13	< 0.1	3.8	16	20.7	3.27	8	0.10	0.03	14	0.29	262	0.8	0.013	9.2
20700E 22350N	7	0.1	3.18	8.8	1.7	< 20	73.5	0.1	0.24	< 0.1	6.8	35	53.1	3.68	10	0.11	0.04	8	0.41	488	1.2	0.020	21.0
20700E 22400N	7	0.2	3.13	10.9	3.0	< 20	86.9	0.2	0.25	0.1	10.7	37	52.9	4.07	9	0.12	0.03	6	0.45	1210	0.9	0.023	30.6
20700E 22450N	9	0.5	3.17	12.6	1.7	< 20	75.6	0.2	0.24	0.1	6.3	42	44.6	4.40	12	0.17	0.03	6	0.38	728	1.2	0.023	24.1
20700E 22500N	15	0.8	2.86	17.6	1.2	< 20	58.1	0.1	0.19	< 0.1	5.0	43	51.6	5.17	12	0.37	0.03	7	0.32	211	1.5	0.018	22.1
20700E 22550N	7	0.5	2.28	13.7	2.2	< 20	74.5	0.2	0.16	< 0.1	6.1	26	39.5	3.79	9	0.13	0.03	12	0.35	370	1.1	0.015	24.6
20700E 22600N	8	0.4	2.58	7.9	7.0	< 20	95.7	0.1	0.35	< 0.1	9.0	31	61.2	3.57	9	0.13	0.03	6	0.49	761	1.1	0.029	24.6
20700E 22650N	7	0.4	2.51	8.9	1.6	< 20	96.3	0.2	0.36	< 0.1	9.6	31	62.7	3.90	9	0.12	0.03	6	0.47	937	1.3	0.029	23.7
20700E 22700N	15	0.4	3.67	6.6	4.2	< 20	75.8	0.2	0.26	< 0.1	6.7	37	55.3	4.06	11	0.17	0.03	6	0.38	289	1.4	0.021	22.6
20900E 20600N	10	0.1	1.52	1.8	1.3	< 20	68.3	0.1	0.49	< 0.1	8.2	34	25.1	2.95	8	0.06	0.02	7	0.48	391	0.4	0.017	22.1
20900E 20650N	8	0.1	3.42	4.6	2.0	< 20	147	0.1	0.31	< 0.1	9.9	40	87.1	4.02	9	0.06	0.04	6	0.61	352	0.7	0.020	28.1
21200E 21600N	8	0.1	2.51	3.4	1.0	< 20	249	< 0.1	0.33	< 0.1	15.2	45	94.3	3.79	7	0.13	0.04	6	0.70	728	0.5	0.016	37.5
21200E 21650N	8	0.4	3.09	3.0	1.9	< 20	160	0.1	0.24	< 0.1	16.6	60	97.2	4.81	9	0.22	0.03	6	0.69	562	0.7	0.013	36.9
21200E 21700N	5	0.3	2.52	4.0	2.3	< 20	291	0.1	0.37	0.2	18.4	42	148	4.45	8	0.11	0.04	13	0.52	3750	0.6	0.016	30.5
21200E 21750N	4	0.2	2.10	7.1	< 0.5	< 20	111	0.1	0.29	0.1	11.9	42	73.2	5.71	12	0.13	0.02	5	0.52	410	0.6	0.013	19.7
21200E 21800N	5	0.4	2.00	5.5	1.0	< 20	110	0.2	0.22	0.1	7.8	44	50.1	5.48	11	0.15	0.03	6	0.35	284	1.7	0.013	13.6
21200E 21850N	6	0.2	3.38	7.8	1.8	< 20	193	0.2	0.38	< 0.1	20.7	72	117	6.20	10	0.12	0.04	11	1.00	690	1.6	0.015	43.4
21300E 21600N	7	0.2	3.31	2.0	3.4	< 20	178	< 0.1	0.21	< 0.1	17.5	81	115	4.89	9	0.09	0.04	8	0.91	512	0.4	0.014	47.2

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
21300E 21650N	6	0.1	1.74	2.3	1.1	< 20	183	< 0.1	0.32	< 0.1	9.3	25	50.6	3.15	7	0.11	0.04	8	0.48	378	0.3	0.015	16.4
21300E 21700N	10	0.1	2.56	2.2	1.9	< 20	207	< 0.1	0.31	< 0.1	14.2	42	86.8	3.38	7	0.15	0.06	7	0.73	444	0.3	0.015	33.4
21300E 21750N	7	< 0.1	1.94	3.2	3.1	< 20	113	< 0.1	0.30	0.1	10.9	28	68.3	3.86	6	0.10	0.03	7	0.65	370	0.4	0.014	22.9
21300E 21800N	17	0.1	2.21	7.0	5.0	< 20	119	0.1	0.31	< 0.1	12.0	29	95.6	4.46	9	0.09	0.03	6	0.68	454	0.7	0.014	20.7
21300E 21850N	7	< 0.1	1.80	3.2	3.3	< 20	188	0.1	0.47	< 0.1	13.0	29	68.7	3.80	7	0.09	0.04	6	0.63	867	0.4	0.018	22.9
20450E 20500N	6	0.4	2.90	7.3	< 0.5	< 20	156	0.1	0.32	0.3	16.5	55	84.8	4.39	9	0.15	0.05	9	0.83	438	1.0	0.019	42.9
20450E 20525N	16	0.8	2.80	9.9	5.9	< 20	119	0.1	0.36	0.2	23.2	70	129	4.76	7	0.20	0.04	14	1.11	1090	2.6	0.016	50.0
20450E 20550N	10	0.3	2.71	12.6	4.1	< 20	100	0.1	0.29	0.2	21.6	88	90.8	4.33	7	0.18	0.04	14	1.48	582	1.1	0.015	63.6
20450E 20575N	28	0.3	2.25	12.6	9.9	< 20	180	0.3	0.73	5.3	17.4	34	118	3.77	6	0.24	0.07	27	0.81	1180	1.8	0.025	29.6
20450E 20600N	14	0.2	3.15	10.5	4.0	< 20	134	0.1	0.46	0.2	15.6	32	119	4.20	8	0.17	0.05	9	0.79	771	1.2	0.027	29.4

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
20800E 21600N	0.022	4.3	< 1	0.2	2.9	< 0.5	24	< 0.2	0.6	0.127	< 0.1	95	< 0.1	51
20800E 21650N	0.114	6.2	< 1	0.2	3.2	0.7	15	< 0.2	0.5	0.133	< 0.1	101	< 0.1	90
20800E 21700N	0.023	3.8	< 1	0.1	3.3	< 0.5	16	< 0.2	0.6	0.127	< 0.1	88	< 0.1	41
20800E 21750N	0.036	6.8	< 1	0.2	4.1	< 0.5	48	< 0.2	0.5	0.207	< 0.1	132	< 0.1	49
20800E 21800N	0.047	4.3	< 1	< 0.1	4.0	< 0.5	40	< 0.2	0.6	0.215	< 0.1	97	< 0.1	69
20800E 21850N	0.050	5.3	< 1	< 0.1	5.8	0.6	33	< 0.2	0.8	0.162	< 0.1	103	< 0.1	96
20800E 21900N	0.161	6.5	< 1	0.2	4.1	0.9	21	< 0.2	0.9	0.142	< 0.1	110	< 0.1	72
20800E 21950N	0.116	5.8	< 1	0.4	12.0	0.7	20	< 0.2	0.8	0.061	< 0.1	175	< 0.1	104
20800E 22000N	0.121	5.6	< 1	0.2	8.2	1.3	15	< 0.2	1.2	0.147	< 0.1	100	< 0.1	58
20800E 22050N	0.099	6.8	< 1	0.7	18.9	1.0	29	< 0.2	0.7	0.061	< 0.1	186	< 0.1	125
20800E 22100N	0.080	8.0	< 1	0.2	5.0	1.0	11	< 0.2	1.1	0.128	< 0.1	99	< 0.1	58
20800E 22150N	0.084	6.9	< 1	0.2	4.1	0.9	14	< 0.2	0.9	0.116	< 0.1	102	< 0.1	55
20800E 22200N	0.063	3.9	< 1	0.1	6.9	0.8	18	< 0.2	0.7	0.144	< 0.1	82	< 0.1	67
20800E 22250N	0.058	6.3	< 1	0.2	4.0	0.7	21	< 0.2	0.9	0.156	< 0.1	119	< 0.1	55
20800E 22300N	0.097	7.7	< 1	0.3	5.8	0.8	11	< 0.2	1.3	0.167	< 0.1	120	< 0.1	73
20800E 22350N	0.058	6.0	< 1	0.2	2.9	0.5	10	< 0.2	1.8	0.066	0.1	64	< 0.1	73
20800E 22400N	0.075	8.9	< 1	0.5	4.4	0.9	12	< 0.2	0.9	0.141	< 0.1	89	< 0.1	100
20800E 22450N	0.066	11.8	< 1	0.2	4.4	0.7	11	< 0.2	0.8	0.100	< 0.1	75	< 0.1	124
20800E 22500N	0.087	7.2	< 1	0.3	6.1	0.5	11	< 0.2	0.9	0.102	< 0.1	78	< 0.1	110
20800E 22550N	0.017	2.8	< 1	0.2	1.6	0.5	4	< 0.2	0.6	0.025	< 0.1	33	0.2	26
20800E 22600N	0.011	2.1	< 1	0.2	1.4	< 0.5	4	< 0.2	0.6	0.017	< 0.1	31	< 0.1	13
20800E 22650N	0.065	8.5	< 1	0.4	3.8	0.6	9	< 0.2	0.9	0.032	< 0.1	62	< 0.1	117
20800E 22700N	0.101	12.6	< 1	0.4	1.6	0.8	13	0.3	5.7	0.002	0.1	15	< 0.1	1240
20900E 21700N	0.054	8.2	< 1	0.3	4.2	0.6	23	< 0.2	0.7	0.184	< 0.1	92	< 0.1	71
20900E 21750N	0.040	3.9	< 1	< 0.1	4.7	< 0.5	16	< 0.2	0.6	0.150	< 0.1	74	< 0.1	58
20900E 21800N	0.041	4.4	< 1	0.1	6.0	0.5	20	< 0.2	0.7	0.177	< 0.1	83	< 0.1	62
20900E 21850N	0.075	6.6	< 1	0.2	4.1	0.6	19	< 0.2	0.7	0.139	< 0.1	82	< 0.1	69
20900E 21900N	0.063	5.7	< 1	0.1	3.5	0.6	17	< 0.2	0.7	0.148	< 0.1	76	< 0.1	64
20900E 22050N	0.101	10.3	< 1	0.1	5.7	0.7	47	< 0.2	0.7	0.118	< 0.1	111	< 0.1	138
20900E 22100N	0.055	6.6	< 1	0.3	3.4	0.7	12	< 0.2	0.7	0.104	< 0.1	74	< 0.1	53
20900E 22150N	0.042	7.5	< 1	0.3	3.6	0.6	15	< 0.2	0.7	0.148	< 0.1	93	< 0.1	46
20900E 22200N	0.075	7.4	< 1	0.2	4.9	0.8	10	< 0.2	1.0	0.127	< 0.1	77	< 0.1	119
20900E 22250N	0.058	10.6	< 1	< 0.1	4.7	0.7	22	< 0.2	0.6	0.161	< 0.1	104	< 0.1	96
20900E 22300N	0.077	7.5	< 1	< 0.1	3.9	< 0.5	19	< 0.2	0.7	0.118	< 0.1	85	< 0.1	91
20900E 22350N	0.094	8.9	< 1	< 0.1	6.0	0.6	15	< 0.2	1.0	0.136	< 0.1	95	< 0.1	146
20900E 22400N	0.038	6.7	< 1	0.4	5.5	0.6	11	< 0.2	0.9	0.116	< 0.1	80	< 0.1	101
20900E 22450N	0.086	6.1	< 1	< 0.1	3.5	0.7	14	< 0.2	0.6	0.142	< 0.1	84	< 0.1	69
20900E 22500N	0.020	9.3	< 1	< 0.1	1.8	< 0.5	10	< 0.2	0.5	0.046	< 0.1	34	< 0.1	35
20900E 22550N	0.053	6.7	< 1	< 0.1	8.1	0.5	6	< 0.2	0.7	0.228	< 0.1	120	< 0.1	98
20900E 22600N	0.064	7.1	< 1	0.2	4.1	0.6	15	< 0.2	0.8	0.162	< 0.1	98	< 0.1	82
20900E 22650N	0.061	6.6	< 1	0.1	2.0	0.5	8	< 0.2	1.1	0.056	< 0.1	45	1.6	90
20900E 22700N	0.033	6.7	< 1	0.1	1.8	< 0.5	11	< 0.2	0.8	0.035	< 0.1	23	< 0.1	82
21000E 21600N	0.085	7.4	< 1	< 0.1	4.1	0.7	20	< 0.2	0.7	0.183	< 0.1	119	< 0.1	57
21000E 21650N	0.035	5.8	< 1	0.1	3.0	0.5	15	< 0.2	0.6	0.154	< 0.1	81	< 0.1	47
21000E 21700N	0.040	6.2	< 1	0.2	3.3	0.6	15	< 0.2	0.8	0.145	< 0.1	74	< 0.1	40
21000E 21750N	0.060	4.8	< 1	0.4	4.3	0.9	14	< 0.2	0.8	0.150	< 0.1	87	< 0.1	72
21000E 21800N	0.048	10.0	< 1	0.3	3.3	0.6	20	< 0.2	0.8	0.128	< 0.1	70	< 0.1	77
21000E 21850N	0.033	5.2	< 1	0.1	2.8	< 0.5	14	< 0.2	0.9	0.094	< 0.1	53	< 0.1	48
21100E 21600N	0.063	10.9	< 1	0.1	5.5	0.7	22	< 0.2	0.6	0.067	< 0.1	76	< 0.1	99
21100E 21650N	0.068	6.6	< 1	0.2	4.2	0.6	15	< 0.2	0.7	0.151	< 0.1	116	< 0.1	70
21100E 21700N	0.067	6.0	< 1	0.2	3.8	0.7	19	< 0.2	0.7	0.158	< 0.1	87	< 0.1	75

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
21100E 21750N	0.032	7.9	< 1	0.3	7.5	0.7	16	< 0.2	1.0	0.168	< 0.1	83	< 0.1	60
21100E 21800N	0.073	5.1	< 1	0.2	6.6	0.9	13	< 0.2	0.9	0.130	< 0.1	88	< 0.1	86
21100E 21850N	0.066	5.4	< 1	0.2	5.3	0.6	13	< 0.2	0.9	0.154	< 0.1	101	1.4	79
20250E 20500N	0.057	12.2	< 1	0.2	6.1	0.7	27	< 0.2	0.7	0.171	< 0.1	130	< 0.1	105
20250E 20525N	0.055	15.6	< 1	< 0.1	6.4	0.6	32	< 0.2	0.6	0.132	< 0.1	97	< 0.1	91
20250E 20550N	0.048	15.8	< 1	0.2	5.8	0.5	38	< 0.2	0.7	0.143	< 0.1	88	< 0.1	83
20250E 20575N	0.065	19.7	< 1	0.4	5.9	0.8	26	< 0.2	0.7	0.104	< 0.1	94	< 0.1	94
20250E 20600N	0.035	12.6	< 1	0.2	3.2	< 0.5	26	< 0.2	0.7	0.091	< 0.1	62	< 0.1	54
20250E 20625N	0.085	5.4	< 1	0.5	6.6	0.7	20	< 0.2	1.2	0.112	< 0.1	96	< 0.1	100
20250E 20650N	0.038	8.6	< 1	0.2	8.4	0.6	13	< 0.2	0.9	0.178	< 0.1	112	< 0.1	150
20250E 20675N	0.103	9.1	< 1	0.4	4.8	0.7	23	< 0.2	1.3	0.123	< 0.1	86	< 0.1	178
20250E 20700N	0.092	14.1	< 1	0.3	6.1	0.8	18	< 0.2	1.1	0.113	< 0.1	99	0.1	139
20250E 20725N	0.028	8.3	< 1	0.1	3.5	< 0.5	19	< 0.2	0.8	0.081	< 0.1	71	< 0.1	61
20250E 20750N	0.074	21.9	< 1	0.2	3.8	0.7	25	< 0.2	0.8	0.122	< 0.1	82	< 0.1	119
20250E 20775N	0.044	11.5	< 1	< 0.1	4.4	< 0.5	19	< 0.2	0.9	0.107	< 0.1	96	< 0.1	85
20250E 20800N	0.022	11.1	< 1	0.4	3.3	0.6	22	< 0.2	0.8	0.150	< 0.1	97	< 0.1	91
20250E 20825N	0.090	8.4	< 1	0.2	5.2	0.6	22	< 0.2	1.1	0.194	0.1	125	0.1	110
20250E 20850N	0.092	26.5	< 1	0.2	5.8	0.5	30	< 0.2	0.5	0.223	0.1	127	< 0.1	65
20250E 20875N	0.063	9.4	< 1	0.5	4.5	< 0.5	18	< 0.2	1.0	0.147	< 0.1	112	< 0.1	62
20250E 20900N	0.047	15.0	< 1	0.5	4.5	0.7	17	< 0.2	0.7	0.198	< 0.1	177	< 0.1	50
20250E 20925N	0.106	6.5	< 1	0.4	6.7	1.2	9	< 0.2	1.4	0.095	< 0.1	97	0.1	53
20250E 20950N	0.120	11.1	< 1	0.4	7.1	1.2	12	< 0.2	1.4	0.098	< 0.1	116	< 0.1	64
20250E 20975N	0.108	7.3	< 1	0.3	4.8	0.5	16	< 0.2	1.0	0.123	< 0.1	99	0.8	84
20250E 21000N	0.110	6.2	< 1	0.3	6.8	1.4	19	< 0.2	0.7	0.136	0.1	100	< 0.1	102
20300E 20500N	0.068	26.6	< 1	< 0.1	3.1	0.6	31	< 0.2	0.5	0.109	0.1	76	0.1	99
20300E 20525N	0.076	9.6	< 1	0.2	6.6	0.6	51	< 0.2	0.6	0.208	< 0.1	114	< 0.1	89
20300E 20550N	0.083	7.3	< 1	< 0.1	6.2	< 0.5	35	< 0.2	0.7	0.148	< 0.1	97	< 0.1	113
20300E 20575N	0.106	8.8	< 1	0.3	6.7	0.6	22	< 0.2	0.9	0.144	< 0.1	119	0.1	120
20300E 20600N	0.032	5.2	< 1	0.1	6.3	< 0.5	36	< 0.2	0.7	0.167	< 0.1	107	< 0.1	71
20300E 20625N	0.059	4.9	< 1	0.3	7.7	1.0	24	< 0.2	0.7	0.134	< 0.1	155	0.2	84
20300E 20650N	0.062	6.3	< 1	0.5	7.7	0.9	14	< 0.2	0.7	0.092	< 0.1	85	< 0.1	89
20300E 20675N	0.052	12.6	< 1	0.2	4.7	0.6	21	< 0.2	0.6	0.116	< 0.1	93	0.1	89
20300E 20700N	0.044	10.2	< 1	0.4	4.4	1.0	18	< 0.2	1.0	0.127	< 0.1	105	< 0.1	195
20300E 20725N	0.022	6.8	< 1	0.3	4.3	0.5	19	< 0.2	1.1	0.129	< 0.1	103	< 0.1	84
20300E 20750N	0.034	10.0	< 1	0.3	6.1	0.6	19	< 0.2	1.0	0.119	< 0.1	97	< 0.1	113
20300E 20775N	0.044	11.6	< 1	0.2	5.2	0.7	19	< 0.2	0.6	0.151	< 0.1	134	< 0.1	106
20300E 20800N	0.065	6.9	< 1	0.3	4.1	0.6	20	< 0.2	0.8	0.167	0.1	109	< 0.1	82
20300E 20825N	0.056	7.1	< 1	0.3	4.2	< 0.5	19	< 0.2	1.0	0.157	< 0.1	111	< 0.1	73
20300E 20850N	0.044	5.0	< 1	0.2	4.7	0.5	17	< 0.2	0.9	0.156	< 0.1	105	< 0.1	48
20300E 20875N	0.048	6.1	< 1	0.3	4.4	0.6	19	< 0.2	1.0	0.165	< 0.1	116	< 0.1	54
20300E 20900N	0.044	11.0	< 1	0.4	4.0	0.6	18	< 0.2	0.7	0.144	< 0.1	96	< 0.1	47
20300E 20925N	0.059	5.2	< 1	0.5	5.1	0.9	17	< 0.2	0.8	0.161	< 0.1	94	< 0.1	66
20300E 20950N	0.025	7.9	< 1	0.1	4.3	0.6	11	< 0.2	0.6	0.056	< 0.1	63	< 0.1	42
20300E 20975N	0.035	4.4	< 1	< 0.1	4.6	< 0.5	21	< 0.2	0.6	0.180	< 0.1	96	< 0.1	74
20300E 21000N	0.042	10.8	< 1	0.2	4.3	< 0.5	22	< 0.2	0.8	0.194	< 0.1	108	< 0.1	80
20400E 20700N	0.019	4.5	< 1	0.1	2.5	< 0.5	11	< 0.2	0.6	0.149	< 0.1	82	< 0.1	24
20400E 20750N	0.081	3.6	< 1	0.2	5.9	0.8	28	< 0.2	0.9	0.136	< 0.1	102	< 0.1	45
20400E 20800N	0.140	7.5	< 1	0.2	6.4	0.8	16	< 0.2	1.1	0.097	< 0.1	103	< 0.1	87
20400E 20850N	0.107	3.4	< 1	0.3	6.5	0.7	26	< 0.2	1.1	0.180	< 0.1	116	< 0.1	66
20400E 20900N	0.068	4.3	< 1	0.1	4.3	0.6	11	< 0.2	0.8	0.157	< 0.1	124	< 0.1	49
20400E 20950N	0.008	7.2	< 1	0.1	1.9	< 0.5	20	< 0.2	0.3	0.141	< 0.1	54	< 0.1	13

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
20400E 21000N	0.054	3.5	< 1	0.1	3.3	0.7	21	< 0.2	0.5	0.143	< 0.1	121	0.3	50
20400E 21050N	0.082	5.8	< 1	0.2	3.6	0.6	16	< 0.2	0.5	0.118	< 0.1	120	< 0.1	72
20400E 21100N	0.053	4.0	< 1	0.2	5.0	0.6	14	< 0.2	0.7	0.132	< 0.1	156	< 0.1	60
20400E 21150N	0.060	5.0	< 1	0.2	4.7	0.5	20	< 0.2	0.5	0.158	< 0.1	140	< 0.1	69
20400E 21200N	0.053	3.7	< 1	0.4	4.7	0.5	23	< 0.2	0.4	0.089	< 0.1	134	< 0.1	69
20400E 21250N	0.050	5.7	< 1	0.2	3.6	0.5	12	< 0.2	0.6	0.105	< 0.1	116	< 0.1	50
20400E 21300N	0.063	9.2	< 1	0.1	4.0	0.6	10	< 0.2	1.0	0.121	< 0.1	123	< 0.1	45
20400E 21350N	0.087	5.9	< 1	0.3	4.6	0.7	12	< 0.2	0.9	0.113	< 0.1	127	< 0.1	48
20400E 21400N	0.047	8.4	< 1	< 0.1	4.5	0.9	32	< 0.2	0.6	0.132	< 0.1	100	< 0.1	60
20400E 21450N	0.049	4.2	< 1	0.1	3.9	0.6	14	< 0.2	0.8	0.105	< 0.1	115	< 0.1	35
20400E 21500N	0.039	8.8	< 1	0.3	3.1	0.7	13	< 0.2	0.7	0.107	< 0.1	117	< 0.1	37
20400E 21550N	0.066	3.6	< 1	0.2	5.2	0.8	19	< 0.2	0.7	0.121	< 0.1	88	< 0.1	54
20400E 21600N	0.021	7.9	< 1	0.2	3.3	0.5	19	< 0.2	0.6	0.193	< 0.1	94	< 0.1	74
20400E 21650N	0.068	4.9	< 1	0.2	3.4	0.6	12	< 0.2	0.8	0.143	< 0.1	104	< 0.1	50
20500E 21500N	0.042	11.3	< 1	0.3	2.8	< 0.5	13	< 0.2	0.7	0.114	< 0.1	93	< 0.1	38
20500E 21550N	0.068	4.0	< 1	0.2	11.7	1.8	11	< 0.2	1.4	0.138	< 0.1	101	< 0.1	37
20500E 21600N	0.028	4.6	< 1	0.2	2.6	0.5	12	< 0.2	0.5	0.165	< 0.1	115	< 0.1	35
20500E 21650N	0.054	3.7	< 1	< 0.1	4.2	0.6	9	< 0.2	0.9	0.186	< 0.1	90	0.2	57
20500E 21700N	0.179	5.1	< 1	0.2	4.6	0.5	11	< 0.2	1.4	0.091	< 0.1	110	< 0.1	70
20500E 21750N	0.050	4.2	< 1	0.1	3.0	< 0.5	12	< 0.2	0.7	0.127	< 0.1	107	< 0.1	41
20500E 21800N	0.067	3.7	< 1	0.2	3.9	0.7	11	< 0.2	0.8	0.104	< 0.1	121	< 0.1	52
20500E 21850N	0.053	3.6	< 1	0.2	6.5	0.9	15	< 0.2	0.9	0.121	< 0.1	86	< 0.1	41
20500E 21900N	0.075	3.5	< 1	0.2	4.3	0.6	14	< 0.2	0.7	0.096	< 0.1	99	< 0.1	66
20500E 21950N	0.059	16.3	< 1	0.5	3.9	0.6	40	< 0.2	0.5	0.131	< 0.1	120	< 0.1	83
20500E 22000N	0.046	9.8	< 1	0.2	3.8	0.5	14	< 0.2	0.6	0.104	< 0.1	96	< 0.1	42
20500E 22050N	0.034	11.2	< 1	0.2	4.1	0.5	14	< 0.2	0.5	0.113	< 0.1	115	< 0.1	48
20500E 22100N	0.081	5.9	< 1	0.6	4.2	< 0.5	17	< 0.2	0.7	0.085	< 0.1	116	< 0.1	79
20500E 22150N	0.088	9.0	< 1	0.2	4.5	0.7	12	< 0.2	0.7	0.058	< 0.1	94	< 0.1	74
20500E 22200N	0.031	6.0	< 1	0.2	3.6	< 0.5	12	< 0.2	0.7	0.064	< 0.1	84	< 0.1	40
20500E 22250N	0.037	10.1	< 1	< 0.1	3.3	< 0.5	9	< 0.2	0.5	0.019	< 0.1	58	< 0.1	32
20500E 22300N	0.045	7.6	< 1	0.2	3.5	0.8	14	< 0.2	0.8	0.091	< 0.1	93	< 0.1	61
20500E 22350N	0.014	4.7	< 1	0.2	2.0	< 0.5	10	< 0.2	0.5	0.103	< 0.1	116	< 0.1	15
20500E 22400N	0.040	10.2	< 1	0.2	2.0	0.6	7	< 0.2	1.3	0.035	< 0.1	56	< 0.1	51
20500E 22450N	0.031	6.3	< 1	0.2	3.2	0.5	11	< 0.2	0.8	0.110	< 0.1	123	< 0.1	35
20500E 22500N	0.010	3.4	< 1	0.2	2.2	< 0.5	13	< 0.2	0.6	0.075	< 0.1	92	< 0.1	18
20600E 21500N	0.095	4.0	< 1	0.2	4.2	< 0.5	11	< 0.2	1.0	0.096	< 0.1	105	< 0.1	58
20600E 21550N	0.063	4.0	< 1	0.1	4.1	< 0.5	10	< 0.2	1.1	0.108	< 0.1	104	< 0.1	74
20600E 21600N	0.060	3.9	< 1	< 0.1	3.0	0.5	10	< 0.2	0.7	0.101	< 0.1	93	< 0.1	50
20600E 21650N	0.038	4.3	< 1	0.1	3.0	0.5	13	< 0.2	0.9	0.146	< 0.1	95	< 0.1	46
20600E 21700N	0.029	4.4	< 1	0.1	2.8	< 0.5	13	< 0.2	0.6	0.131	< 0.1	105	0.1	36
20600E 21750N	0.072	3.9	< 1	0.2	4.2	0.7	11	< 0.2	0.7	0.128	< 0.1	131	< 0.1	37
20600E 21800N	0.078	5.5	< 1	< 0.1	5.4	0.6	13	< 0.2	0.9	0.073	< 0.1	81	< 0.1	54
20600E 21850N	0.030	5.9	< 1	0.2	3.2	< 0.5	24	< 0.2	0.6	0.124	< 0.1	141	< 0.1	66
20600E 21900N	0.024	6.3	< 1	0.2	6.8	0.5	24	< 0.2	0.9	0.095	< 0.1	157	< 0.1	50
20600E 21950N	0.039	11.1	< 1	0.4	4.1	< 0.5	37	< 0.2	0.5	0.124	< 0.1	127	< 0.1	60
20600E 22000N	0.040	4.2	< 1	< 0.1	2.8	< 0.5	12	< 0.2	0.5	0.075	< 0.1	99	< 0.1	44
20600E 22050N	0.070	9.9	< 1	< 0.1	2.5	< 0.5	20	< 0.2	0.6	0.073	< 0.1	86	< 0.1	47
20600E 22100N	0.111	13.7	< 1	0.2	3.1	< 0.5	12	< 0.2	0.8	0.048	< 0.1	99	0.4	65
20600E 22150N	0.045	21.6	< 1	< 0.1	5.9	< 0.5	8	< 0.2	0.6	0.049	< 0.1	93	< 0.1	57
20600E 22200N	0.144	22.4	< 1	0.3	8.0	1.0	8	0.2	1.3	0.029	0.1	79	< 0.1	153
20600E 22250N	0.057	3.3	< 1	0.2	1.4	0.5	5	< 0.2	1.6	0.014	< 0.1	47	< 0.1	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
20600E 22300N	0.008	1.2	< 1	< 0.1	0.2	< 0.5	2	< 0.2	0.5	0.006	< 0.1	9	1.1	3
20600E 22350N	0.038	5.1	< 1	0.2	2.1	0.6	9	< 0.2	1.2	0.075	< 0.1	76	< 0.1	31
20600E 22400N	0.053	8.9	< 1	0.4	3.1	0.6	10	< 0.2	1.9	0.104	< 0.1	103	< 0.1	34
20600E 22450N	0.029	6.5	< 1	0.2	2.2	< 0.5	10	< 0.2	0.6	0.102	< 0.1	85	< 0.1	24
20600E 22500N	0.099	15.7	< 1	< 0.1	3.5	1.0	23	< 0.2	0.6	0.103	0.1	64	< 0.1	409
21700E 21600N	0.040	5.3	< 1	0.2	6.0	0.6	22	< 0.2	0.9	0.312	< 0.1	109	< 0.1	73
21700E 21650N	0.057	28.1	< 1	0.4	3.8	0.6	25	< 0.2	0.5	0.111	< 0.1	110	< 0.1	57
21700E 21700N	0.054	3.3	< 1	0.2	5.4	0.6	10	< 0.2	0.7	0.058	< 0.1	116	< 0.1	40
21700E 21750N	0.079	3.1	< 1	0.2	5.0	0.7	18	< 0.2	0.8	0.129	< 0.1	110	< 0.1	59
21700E 21800N	0.048	4.6	< 1	0.3	5.3	0.6	24	< 0.2	1.2	0.150	< 0.1	133	< 0.1	46
21700E 21850N	0.092	4.4	< 1	0.1	4.0	0.6	20	< 0.2	0.7	0.081	< 0.1	100	< 0.1	56
21700E 21900N	0.029	3.6	< 1	< 0.1	3.1	0.5	9	< 0.2	0.6	0.064	< 0.1	75	< 0.1	28
21700E 21950N	0.053	7.7	< 1	0.1	5.3	< 0.5	15	< 0.2	0.7	0.061	< 0.1	75	< 0.1	57
21700E 22000N	0.034	23.3	< 1	< 0.1	5.2	0.6	50	< 0.2	0.4	0.081	< 0.1	71	< 0.1	27
21700E 22050N	0.148	11.8	< 1	1.0	5.0	0.7	10	< 0.2	1.3	0.065	< 0.1	85	< 0.1	145
20150E 20500N	0.065	7.5	< 1	0.3	6.4	0.5	41	< 0.2	0.8	0.255	< 0.1	152	< 0.1	109
20150E 20525N	0.030	5.2	< 1	0.2	4.8	< 0.5	47	< 0.2	0.9	0.215	< 0.1	108	< 0.1	73
20150E 20550N	0.055	21.6	< 1	< 0.1	6.0	0.5	38	< 0.2	0.6	0.177	< 0.1	137	< 0.1	79
20150E 20575N	0.037	7.8	< 1	< 0.1	4.9	0.6	62	< 0.2	0.7	0.216	< 0.1	107	0.2	32
20150E 20600N	0.064	14.3	< 1	< 0.1	4.1	0.7	33	< 0.2	0.5	0.131	< 0.1	117	< 0.1	86
20150E 20625N	0.030	6.4	< 1	0.3	4.5	< 0.5	36	< 0.2	0.9	0.136	< 0.1	113	< 0.1	58
20150E 20650N	0.064	11.3	< 1	0.3	7.2	0.7	30	< 0.2	0.9	0.215	< 0.1	134	< 0.1	181
20150E 20675N	0.033	8.1	< 1	0.4	3.8	0.5	34	< 0.2	0.9	0.108	< 0.1	82	< 0.1	61
20150E 20700N	0.040	14.5	< 1	0.6	5.3	0.7	24	< 0.2	1.1	0.100	0.1	129	< 0.1	208
20150E 20725N	0.054	18.7	< 1	0.7	3.7	< 0.5	29	< 0.2	0.8	0.075	< 0.1	78	< 0.1	63
20150E 20750N	0.149	21.1	< 1	2.5	4.3	2.2	15	< 0.2	1.5	0.051	< 0.1	67	< 0.1	112
20150E 20775N	0.170	14.2	< 1	1.5	5.7	1.6	18	< 0.2	1.4	0.074	< 0.1	78	< 0.1	121
20150E 20800N	0.130	13.0	< 1	1.3	6.2	1.4	20	< 0.2	1.5	0.096	< 0.1	90	< 0.1	138
20150E 20825N	0.083	14.0	< 1	0.8	5.2	1.0	18	< 0.2	1.1	0.084	< 0.1	77	< 0.1	106
20150E 20850N	0.050	7.1	< 1	0.3	4.4	0.5	21	< 0.2	1.1	0.103	< 0.1	97	< 0.1	97
20150E 20875N	0.044	5.4	< 1	0.3	4.2	0.7	18	< 0.2	1.0	0.089	0.1	95	< 0.1	85
20150E 20900N	0.020	5.5	< 1	0.4	3.4	< 0.5	22	< 0.2	1.0	0.122	< 0.1	93	< 0.1	47
20150E 20925N	0.079	8.6	< 1	0.6	4.9	0.7	21	< 0.2	1.1	0.125	0.1	109	< 0.1	115
20150E 20950N	0.080	5.8	< 1	0.4	5.7	0.7	17	< 0.2	1.0	0.110	< 0.1	95	< 0.1	92
20150E 20975N	0.071	13.3	< 1	< 0.1	5.1	< 0.5	19	< 0.2	0.8	0.126	< 0.1	103	< 0.1	69
20150E 21000N	0.078	7.6	< 1	0.8	6.9	0.8	22	< 0.2	1.0	0.159	< 0.1	102	< 0.1	105
19800E 18500N	0.047	9.9	< 1	0.3	6.5	0.9	20	< 0.2	1.3	0.174	0.1	104	0.2	126
19800E 18525N	0.041	7.7	< 1	0.2	8.3	0.7	24	< 0.2	1.3	0.271	< 0.1	128	0.2	88
19800E 18550N	0.112	5.8	< 1	< 0.1	7.1	0.8	11	< 0.2	1.5	0.145	< 0.1	103	0.2	93
19800E 18575N	0.073	7.8	< 1	0.2	6.7	0.7	15	< 0.2	1.5	0.282	< 0.1	120	0.1	52
19800E 18600N	0.212	4.7	< 1	0.2	10.4	0.7	15	< 0.2	2.7	0.165	< 0.1	68	0.4	51
19800E 18625N	0.131	6.8	< 1	0.2	8.6	1.0	25	< 0.2	2.1	0.132	< 0.1	76	0.4	61
19800E 18650N	0.141	8.9	< 1	0.2	7.7	0.9	33	< 0.2	1.8	0.127	< 0.1	80	0.5	76
19800E 18675N	0.125	16.5	< 1	0.1	5.8	0.6	30	< 0.2	1.4	0.145	< 0.1	90	0.4	66
19800E 18700N	0.067	10.3	< 1	0.2	7.2	0.6	27	< 0.2	1.3	0.116	< 0.1	77	3.5	57
19800E 18725N	0.110	9.5	< 1	< 0.1	4.9	1.1	18	< 0.2	0.8	0.166	< 0.1	140	0.4	46
19800E 18750N	0.063	7.0	< 1	0.2	4.2	< 0.5	17	< 0.2	1.1	0.138	< 0.1	78	< 0.1	47
19800E 18900N	0.032	5.2	< 1	< 0.1	5.4	0.6	15	< 0.2	0.8	0.023	< 0.1	89	1.5	47
19800E 18925N	0.042	7.8	< 1	0.2	4.3	0.6	18	< 0.2	0.9	0.183	< 0.1	103	0.1	59
19800E 18950N	0.036	7.1	< 1	0.1	4.9	0.5	23	< 0.2	1.2	0.187	0.1	76	< 0.1	125
19800E 18975N	0.052	6.2	< 1	< 0.1	4.5	< 0.5	20	< 0.2	1.1	0.150	< 0.1	80	< 0.1	50

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
19800E 19000N	0.201	5.5	< 1	< 0.1	4.9	1.1	17	< 0.2	1.0	0.119	< 0.1	75	0.5	54
19850E 18500N	0.239	7.1	< 1	0.1	7.1	1.2	12	< 0.2	1.8	0.100	< 0.1	90	0.2	71
19850E 18525N	0.189	10.1	< 1	0.1	6.1	0.5	21	< 0.2	1.2	0.237	0.1	109	0.5	68
19850E 18550N	0.052	7.8	< 1	< 0.1	6.6	< 0.5	19	< 0.2	1.3	0.266	< 0.1	98	0.3	57
19850E 18575N	0.054	14.2	< 1	0.3	5.1	< 0.5	16	< 0.2	1.0	0.240	< 0.1	115	0.1	105
19850E 18600N	0.092	9.3	< 1	< 0.1	5.9	0.6	15	< 0.2	1.1	0.203	< 0.1	126	0.6	68
19850E 18625N	0.086	7.5	< 1	0.1	6.7	0.5	16	< 0.2	1.6	0.149	< 0.1	92	0.2	63
19850E 18650N	0.088	8.7	< 1	0.3	6.0	0.6	22	< 0.2	1.8	0.177	< 0.1	112	0.2	85
19850E 18675N	0.031	7.6	< 1	0.1	3.8	0.6	18	< 0.2	0.8	0.130	< 0.1	95	< 0.1	49
19850E 18700N	0.040	8.1	< 1	0.2	5.2	0.7	21	< 0.2	1.2	0.192	< 0.1	99	0.1	70
19850E 18725N	0.045	7.4	< 1	0.2	4.6	0.8	17	< 0.2	1.3	0.170	< 0.1	91	0.2	63
19850E 18750N	0.106	37.2	< 1	0.1	4.3	< 0.5	30	< 0.2	0.9	0.144	< 0.1	81	0.6	66
19850E 18775N	0.080	10.1	< 1	< 0.1	3.6	0.7	30	< 0.2	0.8	0.124	< 0.1	73	0.3	56
19850E 18800N	0.120	16.6	< 1	0.1	4.5	< 0.5	22	< 0.2	1.0	0.180	< 0.1	104	1.1	46
19850E 18825N	0.042	12.9	< 1	< 0.1	3.6	0.7	24	< 0.2	0.7	0.179	< 0.1	65	0.6	28
19850E 18850N	0.027	9.6	< 1	< 0.1	3.6	< 0.5	22	< 0.2	0.7	0.146	< 0.1	87	0.2	28
19850E 18875N	0.076	19.0	< 1	< 0.1	5.7	0.6	38	< 0.2	0.6	0.123	< 0.1	91	0.2	110
19850E 18900N	0.077	11.0	< 1	< 0.1	5.3	< 0.5	17	< 0.2	0.9	0.122	< 0.1	90	0.2	106
19850E 18925N	0.027	6.6	< 1	< 0.1	4.3	< 0.5	14	< 0.2	0.6	0.054	< 0.1	82	0.1	27
19850E 18950N	0.061	7.0	< 1	< 0.1	4.8	0.5	21	< 0.2	1.0	0.210	< 0.1	90	0.6	80
19850E 18975N	0.014	5.6	< 1	< 0.1	4.5	< 0.5	25	< 0.2	1.3	0.234	< 0.1	71	< 0.1	45
19850E 19000N	0.020	7.9	< 1	0.2	4.8	0.6	30	< 0.2	0.9	0.201	< 0.1	88	< 0.1	70
19900E 18400N	0.018	7.1	< 1	< 0.1	5.7	< 0.5	23	< 0.2	0.9	0.235	< 0.1	99	2.1	37
19900E 18425N	0.108	15.1	< 1	< 0.1	5.3	0.5	21	< 0.2	1.3	0.158	< 0.1	104	0.3	83
19900E 18450N	0.135	6.0	< 1	< 0.1	9.0	0.8	26	< 0.2	1.5	0.143	0.1	101	0.3	159
19900E 18475N	0.067	7.9	< 1	0.2	7.2	< 0.5	17	< 0.2	1.4	0.171	< 0.1	110	0.1	96
19900E 18500N	0.064	23.0	< 1	0.2	4.8	0.6	15	< 0.2	1.0	0.203	< 0.1	120	0.2	87
19900E 18525N	0.172	8.3	< 1	< 0.1	5.5	0.5	16	< 0.2	1.1	0.195	0.1	113	0.4	84
19900E 18550N	0.011	7.9	< 1	0.3	5.2	< 0.5	22	< 0.2	0.9	0.166	< 0.1	93	< 0.1	31
19900E 18575N	0.063	12.2	< 1	< 0.1	7.1	< 0.5	17	< 0.2	1.4	0.191	< 0.1	113	0.1	100
19900E 18600N	0.110	15.3	< 1	0.3	6.1	0.7	17	< 0.2	1.3	0.179	0.1	108	0.2	112
19900E 18625N	0.037	7.6	< 1	0.3	6.4	0.7	21	< 0.2	1.1	0.105	0.1	89	0.2	65
19900E 18650N	0.129	4.8	< 1	< 0.1	7.1	0.8	16	< 0.2	2.2	0.141	< 0.1	89	0.5	65
19900E 18675N	0.049	5.9	< 1	0.1	6.9	< 0.5	23	< 0.2	1.0	0.204	< 0.1	88	< 0.1	94
19900E 18700N	0.038	18.5	< 1	0.2	5.6	0.6	31	< 0.2	1.0	0.176	< 0.1	86	0.2	86
19900E 18725N	0.025	7.8	< 1	< 0.1	3.6	0.6	21	< 0.2	0.8	0.268	< 0.1	91	0.3	36
19900E 18750N	0.046	7.2	< 1	< 0.1	4.7	0.7	19	< 0.2	1.1	0.222	< 0.1	113	0.5	66
19900E 18775N	0.067	10.5	< 1	< 0.1	5.4	0.6	24	< 0.2	1.1	0.132	< 0.1	88	0.6	58
19900E 18800N	0.026	7.5	< 1	< 0.1	4.3	< 0.5	24	< 0.2	0.8	0.198	< 0.1	112	1.2	46
19900E 18825N	0.020	6.0	< 1	< 0.1	3.5	0.5	24	< 0.2	0.7	0.168	< 0.1	106	< 0.1	32
19900E 18850N	0.075	6.1	< 1	0.2	6.7	0.5	20	< 0.2	2.0	0.196	< 0.1	105	0.2	68
19900E 18875N	0.067	4.5	< 1	0.2	6.4	0.6	25	< 0.2	1.4	0.189	< 0.1	97	0.6	90
19900E 18900N	0.064	12.7	< 1	0.2	5.2	0.7	29	< 0.2	0.8	0.200	< 0.1	91	< 0.1	117
20200E 20500N	0.065	12.0	< 1	< 0.1	5.9	0.6	46	< 0.2	0.6	0.191	< 0.1	127	< 0.1	95
20200E 20525N	0.046	7.3	< 1	0.2	4.9	0.5	28	< 0.2	0.9	0.128	< 0.1	108	< 0.1	78
20200E 20550N	0.094	10.4	< 1	0.3	5.3	0.6	21	< 0.2	1.0	0.128	< 0.1	132	< 0.1	87
20200E 20575N	0.087	7.2	< 1	0.4	4.8	0.6	21	< 0.2	1.1	0.100	< 0.1	116	< 0.1	91
20200E 20600N	0.124	8.4	< 1	0.3	11.7	0.6	22	< 0.2	1.3	0.089	< 0.1	124	< 0.1	100
20200E 20625N	0.053	8.7	< 1	0.4	4.0	0.6	28	< 0.2	0.9	0.098	< 0.1	92	< 0.1	81
20200E 20650N	0.055	10.3	< 1	0.6	5.6	0.7	21	< 0.2	1.0	0.100	< 0.1	98	< 0.1	125
20200E 20675N	0.114	12.0	< 1	1.1	5.5	1.2	24	< 0.2	1.7	0.080	< 0.1	92	< 0.1	204

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
20200E 20700N	0.048	10.7	< 1	0.5	4.1	0.5	26	< 0.2	1.1	0.097	< 0.1	100	17.6	153
20200E 20725N	0.088	8.5	< 1	0.3	4.7	0.7	21	< 0.2	1.1	0.083	< 0.1	87	< 0.1	182
20200E 20750N	0.081	16.6	< 1	0.2	5.3	0.6	24	< 0.2	1.0	0.113	< 0.1	87	< 0.1	114
20200E 20775N	0.087	9.2	< 1	0.4	4.8	0.6	20	< 0.2	1.1	0.134	< 0.1	114	< 0.1	137
20200E 20800N	0.032	5.2	< 1	0.3	4.5	< 0.5	22	< 0.2	1.0	0.115	< 0.1	86	< 0.1	95
20200E 20825N	0.021	7.1	< 1	0.4	3.9	0.6	22	< 0.2	0.8	0.170	< 0.1	119	< 0.1	56
20200E 20850N	0.032	9.6	< 1	0.2	4.8	< 0.5	21	< 0.2	0.8	0.135	< 0.1	94	< 0.1	77
20200E 20875N	0.049	8.7	< 1	0.3	5.1	0.5	20	< 0.2	1.0	0.125	< 0.1	121	< 0.1	89
20200E 20900N	0.061	5.7	< 1	0.2	4.2	< 0.5	15	< 0.2	1.0	0.133	0.1	104	< 0.1	87
20200E 20925N	0.068	7.5	< 1	0.3	4.4	0.7	15	< 0.2	0.9	0.191	< 0.1	127	< 0.1	64
20200E 20950N	0.087	6.5	< 1	0.3	4.4	0.7	14	< 0.2	1.0	0.104	< 0.1	113	< 0.1	61
20200E 20975N	0.091	6.1	< 1	0.4	4.6	0.7	17	< 0.2	0.9	0.117	0.1	92	< 0.1	68
20200E 21000N	0.056	6.4	< 1	0.1	4.0	0.5	18	< 0.2	1.0	0.122	0.1	86	< 0.1	48
20450E 20625N	0.074	9.0	< 1	0.4	7.9	0.8	27	< 0.2	3.6	0.132	< 0.1	93	< 0.1	135
20450E 20650N	0.075	5.3	< 1	0.2	5.6	< 0.5	28	< 0.2	0.9	0.221	< 0.1	129	0.9	84
20450E 20675N	0.052	4.7	< 1	0.2	3.9	< 0.5	20	< 0.2	0.8	0.200	< 0.1	89	< 0.1	59
20450E 20700N	0.036	6.9	< 1	0.2	4.5	< 0.5	26	< 0.2	0.8	0.185	< 0.1	99	< 0.1	61
20450E 20725N	0.056	8.5	< 1	< 0.1	5.4	< 0.5	16	< 0.2	0.5	0.171	< 0.1	137	< 0.1	59
20450E 20750N	0.062	10.0	< 1	0.2	6.4	0.5	24	< 0.2	0.6	0.191	< 0.1	136	< 0.1	54
20450E 20775N	0.054	5.6	< 1	0.3	5.2	0.7	20	< 0.2	0.8	0.241	< 0.1	131	4.9	55
20450E 20850N	0.064	9.0	< 1	0.3	6.8	0.7	28	< 0.2	0.7	0.223	< 0.1	143	< 0.1	75
20450E 20875N	0.064	8.7	< 1	0.2	3.7	0.7	16	< 0.2	0.4	0.137	< 0.1	90	< 0.1	88
20450E 20900N	0.023	14.5	< 1	0.3	3.0	0.6	19	< 0.2	0.4	0.188	< 0.1	67	< 0.1	32
20450E 20925N	0.119	11.9	< 1	0.2	4.8	0.7	19	< 0.2	0.5	0.131	< 0.1	98	< 0.1	111
20450E 20950N	0.109	2.9	< 1	0.3	6.3	1.1	19	< 0.2	0.7	0.095	< 0.1	121	< 0.1	59
20450E 20975N	0.063	5.5	< 1	0.1	10.3	0.7	25	< 0.2	0.4	0.049	< 0.1	91	< 0.1	57
20450E 21000N	0.149	6.2	< 1	< 0.1	3.8	0.6	20	< 0.2	0.6	0.126	< 0.1	82	< 0.1	76
20700E 21500N	0.037	4.7	< 1	0.1	6.0	0.6	49	< 0.2	1.1	0.124	< 0.1	106	< 0.1	45
20700E 21550N	0.034	4.8	< 1	0.2	4.8	0.7	18	< 0.2	0.7	0.155	< 0.1	123	< 0.1	45
20700E 22100N	0.081	7.8	< 1	0.2	3.6	0.6	11	< 0.2	0.9	0.154	< 0.1	86	< 0.1	47
20700E 22150N	0.085	5.9	< 1	0.2	5.2	0.7	9	< 0.2	1.4	0.130	< 0.1	86	0.2	56
20700E 22200N	0.065	5.7	< 1	0.3	3.4	0.6	11	< 0.2	0.9	0.124	< 0.1	95	0.1	52
20700E 22250N	0.048	5.2	< 1	0.2	6.1	0.6	14	< 0.2	1.2	0.107	< 0.1	104	< 0.1	103
20700E 22300N	0.035	8.8	< 1	0.1	2.5	0.5	9	< 0.2	0.9	0.047	< 0.1	62	< 0.1	68
20700E 22350N	0.083	7.4	< 1	0.2	4.3	0.6	11	< 0.2	1.6	0.096	< 0.1	89	< 0.1	58
20700E 22400N	0.068	9.7	< 1	0.2	4.8	0.6	11	< 0.2	1.0	0.112	< 0.1	91	< 0.1	72
20700E 22450N	0.097	10.7	< 1	0.4	3.4	0.8	12	< 0.2	0.9	0.131	< 0.1	111	< 0.1	61
20700E 22500N	0.089	5.6	< 1	0.2	4.0	0.9	9	< 0.2	1.1	0.147	< 0.1	131	< 0.1	48
20700E 22550N	0.067	8.0	< 1	0.5	3.0	0.7	9	< 0.2	0.8	0.050	< 0.1	78	< 0.1	60
20700E 22600N	0.090	8.8	< 1	0.3	4.4	0.6	14	< 0.2	0.9	0.106	< 0.1	99	< 0.1	57
20700E 22650N	0.098	9.1	< 1	0.4	4.2	0.7	15	< 0.2	0.8	0.120	< 0.1	101	0.1	66
20700E 22700N	0.078	7.1	< 1	0.3	4.5	0.8	12	< 0.2	1.3	0.149	< 0.1	111	< 0.1	71
20900E 20600N	0.017	7.0	< 1	0.2	3.8	< 0.5	30	< 0.2	0.7	0.174	< 0.1	77	< 0.1	39
20900E 20650N	0.041	7.2	< 1	0.2	4.7	< 0.5	19	< 0.2	0.9	0.130	< 0.1	97	< 0.1	60
21200E 21600N	0.046	3.8	< 1	0.2	6.0	< 0.5	18	< 0.2	0.7	0.149	< 0.1	85	0.4	66
21200E 21650N	0.057	5.0	< 1	0.2	6.4	0.8	16	< 0.2	0.9	0.167	< 0.1	101	< 0.1	85
21200E 21700N	0.055	7.5	< 1	0.2	6.4	0.6	28	< 0.2	0.7	0.172	< 0.1	120	< 0.1	81
21200E 21750N	0.099	4.0	< 1	0.2	5.5	< 0.5	22	< 0.2	0.6	0.171	< 0.1	166	< 0.1	74
21200E 21800N	0.072	7.2	< 1	0.2	4.1	0.7	19	< 0.2	0.8	0.226	< 0.1	163	< 0.1	64
21200E 21850N	0.048	9.2	< 1	0.1	8.7	0.6	23	< 0.2	1.1	0.113	< 0.1	133	< 0.1	96
21300E 21600N	0.025	4.0	< 1	0.1	9.3	0.5	20	< 0.2	0.8	0.211	< 0.1	112	< 0.1	62

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
21300E 21650N	0.019	4.3	< 1	0.1	4.7	< 0.5	28	< 0.2	0.7	0.156	< 0.1	96	< 0.1	49
21300E 21700N	0.037	4.8	< 1	0.1	6.1	< 0.5	25	< 0.2	0.8	0.186	< 0.1	84	< 0.1	74
21300E 21750N	0.025	5.4	< 1	0.2	4.8	< 0.5	24	< 0.2	0.7	0.167	< 0.1	98	< 0.1	49
21300E 21800N	0.062	6.4	< 1	< 0.1	5.0	< 0.5	23	< 0.2	0.7	0.169	< 0.1	139	< 0.1	64
21300E 21850N	0.047	9.7	< 1	0.2	5.2	< 0.5	27	< 0.2	0.6	0.180	< 0.1	115	< 0.1	59
20450E 20500N	0.050	7.6	< 1	0.3	5.8	< 0.5	23	< 0.2	0.8	0.102	< 0.1	94	< 0.1	186
20450E 20525N	0.067	12.1	< 1	0.3	7.9	0.5	15	< 0.2	0.8	0.053	< 0.1	85	< 0.1	132
20450E 20550N	0.039	8.9	< 1	0.4	7.4	0.5	12	< 0.2	1.3	0.067	< 0.1	86	< 0.1	155
20450E 20575N	0.108	11.9	< 1	0.6	6.8	0.7	22	< 0.2	2.4	0.132	< 0.1	83	< 0.1	727
20450E 20600N	0.112	7.4	< 1	0.5	7.4	0.6	17	< 0.2	1.4	0.148	< 0.1	95	< 0.1	109

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			5.16	5.4	15.8		80.5	0.2	0.10		25.5	443	336	13.1	16		0.10	10	0.16	398		0.034	191
OREAS 45d (Aqua Regia) Cert			4.86	6.50	21		80	0.30	0.09		26.2	467	345	13.7	17.9		0.097	10.0	0.144	400		0.031	176
OREAS 45d (Aqua Regia) Meas			5.16	4.1	18.0		78.1	0.2	0.10		26.9	451	340	13.8	16		0.10	9	0.16	407		0.033	190
OREAS 45d (Aqua Regia) Cert			4.86	6.50	21		80	0.30	0.089		26.2	467	345	13.7	17.9		0.097	10	0.144	400		0.031	176
OREAS 922 (AQUA REGIA) Meas		1.1	2.51	6.8			66.5	9.8	0.37	0.3	18.7	45	2020	5.32	8		0.38	37	1.29	763	0.7	0.021	34.7
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		0.9	2.52	6.8			66.5	11.1	0.35	0.2	19.2	42	2160	4.94	7		0.34	35	1.29	752	0.7	0.020	32.8
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 907 (Aqua Regia) Meas		1.3	1.00	35.5	96.1		225	22.6	0.26	0.6	43.4	9	5960	8.29	15		0.31	38	0.21	317	5.0	0.077	4.6
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	1.01	35.2	89.1		224	22.1	0.26	0.5	41.7	9	5950	8.28	15		0.32	36	0.21	310	5.2	0.078	4.9
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 263 (Aqua Regia) Meas		0.3	1.68	31.0			183	0.6	1.05	0.4	31.1	57	93.3	4.02	5	0.21	0.33		0.59	520	0.6	0.077	76.6
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	1.66	31.5			176	0.6	1.09	0.3	31.6	59	95.4	3.98	5	0.18	0.35		0.59	505	0.6	0.075	77.8
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 130 (Aqua Regia) Meas		6.0	1.16	204				2.9	1.64	29.6	29.2	25	229	7.44	5	0.72	0.50	22	0.93	1720	7.6		36.0
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		5.6	1.02	178				2.5	1.48	25.5	26.2	21	210	6.61	4	0.65	0.44	19	0.82	1520	6.8		31.2
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 623 (Aqua Regia) Meas		18.7	1.52	74.7	813			16.7	1.02	55.7	198	19	> 10000	12.6	12	0.73	0.16	17	0.92	520	8.5	0.061	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		19.3	1.46	77.8	859			17.2	1.01	58.5	202	21	> 10000	12.4	13	0.73	0.16	17	0.95	543	8.6	0.059	15.9
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

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 228b (Fire Assay) Meas	8080																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8380																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8240																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8210																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8190																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8230																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8160																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8280																						
OREAS 228b (Fire Assay) Cert	8570																						
Oreas E1336 (Fire Assay) Meas	496																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas E1336 (Fire Assay) Meas	480																						
Oreas E1336 (Fire Assay) Cert	510.000																						
Oreas 620 (Aqua Regia) Meas		36.6	1.08	49.2	690		7.3	1.9	1.29	181.7	11.9	20	1700	2.73	7	2.07	0.29	25	0.26	419	8.4	0.114	15.2
Oreas 620 (Aqua Regia) Cert		38.4	1.12	47.2	666		450	1.9	1.29	161.0	12.2	17	1750	2.58	6	2.14	0.31	25	0.27	414	9.0	0.117	14.4
Oreas 620 (Aqua Regia) Meas		38.4	1.19	48.5	721		8.1	1.8	1.16	161.2	13.5	18	1710	2.58	7	2.17	0.29	25	0.27	422	8.5	0.122	14.4
Oreas 620 (Aqua Regia) Cert		38.4	1.12	47.2	666		450	1.9	1.29	161.0	12.2	17	1750	2.58	6	2.14	0.31	25	0.27	414	9.0	0.117	14.4
Oreas 620 (Aqua Regia) Meas		40.4	1.22	49.0	753		8.7	1.9	1.22	172.6	14.0	23	1810	2.73	7	2.32	0.29	27	0.28	437	9.0	0.125	17.5
Oreas 620 (Aqua Regia) Cert		38.4	1.12	47.2	666		450	1.9	1.29	161.0	12.2	17	1750	2.58	6	2.14	0.31	25	0.27	414	9.0	0.117	14.4
Oreas 610 (Aqua Regia) Meas		47.7	1.21	2780				199	0.12	13.1	7.4	36	9570	2.40	8	0.84	0.29	5	0.11	75	4.4	0.061	25.1
Oreas 610 (Aqua Regia) Cert		48.4	0.847	2810				220	0.12	12.3	7.7	33	9720	2.27	6	0.80	0.21	7	0.11	66	4.5	0.049	24.3
20800E 21850N Orig	5	0.2	2.66	3.1	2.6	< 20	86.0	0.1	0.45	< 0.1	13.4	22	45.1	3.89	10	0.13	0.03	6	0.67	501	0.4	0.017	18.4

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
20800E 21850N Dup	11	0.2	2.49	2.1	5.9	< 20	78.7	0.1	0.41	< 0.1	12.6	20	43.9	3.78	9	0.16	0.03	6	0.64	471	0.4	0.015	17.6
20800E 22350N Orig	5																						
20800E 22350N Dup	10																						
20900E 21700N Orig		0.2	2.93	4.6	2.0	< 20	133	0.1	0.39	0.1	11.0	33	52.1	3.46	8	0.12	0.03	6	0.51	677	0.8	0.017	22.3
20900E 21700N Dup		0.1	2.83	4.4	1.2	< 20	127	0.1	0.35	0.1	10.6	32	50.8	3.48	8	0.09	0.03	6	0.52	599	0.6	0.018	21.4
20900E 21850N Orig	5																						
20900E 21850N Dup	6																						
20900E 22650N Orig		0.3	1.66	12.4	2.3	< 20	93.6	0.1	0.19	0.1	6.5	20	18.1	2.08	7	0.11	0.04	8	0.31	644	0.8	0.012	15.2
20900E 22650N Dup		0.3	1.92	14.6	1.7	< 20	111	0.1	0.20	0.1	7.2	23	19.9	2.37	8	0.14	0.05	9	0.35	722	1.0	0.015	16.9
20900E 22700N Orig	3																						
20900E 22700N Dup	4																						
21100E 21750N Orig	10																						
21100E 21750N Dup	8																						
20250E 20650N Orig		0.6	3.27	10.6	2.1	< 20	186	0.1	0.27	0.2	19.7	63	37.7	4.26	10	0.17	0.03	9	1.47	1170	0.7	0.014	30.0
20250E 20650N Dup		0.7	3.09	11.8	2.8	< 20	188	0.1	0.26	0.3	18.9	64	37.3	4.08	11	0.18	0.04	9	1.39	1140	0.8	0.013	29.8
20250E 20700N Orig	8																						
20250E 20700N Dup	9																						
20250E 20975N Orig		0.4	4.72	9.6	1.8	< 20	137	0.1	0.20	< 0.1	11.2	42	76.1	4.61	13	0.11	0.05	6	0.63	721	0.9	0.016	27.9
20250E 20975N Dup		0.4	4.64	9.5	0.8	< 20	134	0.1	0.20	0.1	10.9	40	74.6	4.46	12	0.09	0.05	6	0.60	707	0.9	0.016	27.1
20300E 20550N Orig	7																						
20300E 20550N Dup	7																						
20300E 20725N Orig		0.4	1.84	4.5	47.1	< 20	155	0.1	0.24	0.1	7.7	24	32.2	3.75	9	0.07	0.04	9	0.30	392	0.7	0.019	15.7
20300E 20725N Dup		0.3	1.76	3.8	1.6	< 20	145	0.1	0.21	0.2	7.5	23	31.7	3.72	8	0.08	0.04	8	0.30	373	0.6	0.018	15.0
20300E 20800N Orig	7																						
20300E 20800N Dup	6																						
20400E 20750N Orig		0.2	2.46	4.4	2.6	< 20	187	< 0.1	0.80	< 0.1	11.5	33	88.2	3.59	6	0.06	0.05	8	0.67	419	0.9	0.083	26.4
20400E 20750N Dup		0.2	2.48	5.0	2.8	< 20	188	< 0.1	0.77	< 0.1	12.0	34	91.8	3.60	6	0.05	0.05	8	0.65	416	0.9	0.073	28.5
20400E 20800N Orig	6																						
20400E 20800N Dup	4																						

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
20400E 21550N Orig		0.1	2.23	4.3	1.1	< 20	253	< 0.1	0.51	0.2	16.7	40	81.0	3.31	6	0.05	0.04	10	0.67	614	0.8	0.042	31.7
20400E 21550N Dup		0.1	2.27	4.3	2.4	< 20	249	< 0.1	0.47	0.1	17.4	40	80.9	3.39	5	0.07	0.04	9	0.66	579	0.8	0.041	31.3
20400E 21600N Orig	4																						
20400E 21600N Dup	3																						
20500E 21850N Orig	10																						
20500E 21850N Dup	8																						
20500E 22000N Orig		0.1	2.61	5.2	1.3	< 20	103	0.1	0.32	0.1	8.6	31	48.9	3.53	9	0.05	0.03	4	0.42	516	0.7	0.028	19.7
20500E 22000N Dup		0.1	2.53	5.1	3.3	< 20	105	0.1	0.31	0.2	8.7	30	48.6	3.61	9	0.05	0.03	5	0.42	526	0.7	0.027	18.8
20500E 22450N Orig	9																						
20500E 22450N Dup	14																						
20600E 21550N Orig		0.1	2.57	1.8	0.5	< 20	91.7	< 0.1	0.27	0.1	12.2	25	38.2	4.69	9	0.05	0.04	5	0.40	339	0.5	0.025	18.5
20600E 21550N Dup		0.1	2.50	2.2	< 0.5	< 20	96.3	< 0.1	0.27	< 0.1	12.4	25	37.6	4.76	10	0.06	0.05	6	0.41	340	0.5	0.026	19.0
20600E 22100N Orig	5																						
20600E 22100N Dup	4																						
20600E 22400N Orig		< 0.1	2.17	4.9	1.6	< 20	66.1	0.2	0.22	< 0.1	3.6	29	20.2	4.25	13	0.08	0.03	6	0.26	370	1.2	0.019	9.9
20600E 22400N Dup		< 0.1	2.11	4.2	1.9	< 20	66.6	0.2	0.21	< 0.1	3.5	29	19.8	4.22	12	0.09	0.03	6	0.25	351	1.1	0.019	9.9
21700E 21650N Orig	4																						
21700E 21650N Dup	7																						
20150E 20575N Orig	23																						
20150E 20575N Dup	18																						
20150E 20725N Orig		0.2	1.45	6.8	1.6	< 20	254	0.3	0.33	0.2	9.4	26	20.6	3.75	6	0.09	0.05	11	0.35	2620	0.9	0.013	16.0
20150E 20725N Dup		0.2	1.55	7.4	2.0	< 20	269	0.3	0.35	0.2	9.1	26	21.7	3.56	6	0.10	0.05	12	0.36	2620	0.9	0.012	15.8
20150E 20925N Orig	12	0.3	2.78	8.9	0.8	< 20	181	0.1	0.30	0.2	11.6	38	61.4	4.43	10	0.19	0.07	9	0.80	439	2.1	0.014	27.0
20150E 20925N Dup	10	0.3	2.73	8.4	1.0	< 20	178	0.1	0.27	0.2	10.9	36	58.8	4.29	9	0.22	0.06	8	0.78	410	1.9	0.013	25.6
19800E 18675N Orig	15																						
19800E 18675N Dup	15																						
19800E 18750N Orig		0.1	2.39	2.9	1.8	< 20	39.8	0.2	0.29	< 0.1	4.6	14	45.8	3.02	10	0.16	0.03	5	0.22	273	0.5	0.022	5.7
19800E 18750N Dup		0.2	2.41	2.0	2.5	< 20	37.6	0.2	0.32	0.1	4.5	14	45.8	2.97	10	0.16	0.03	6	0.22	290	0.5	0.022	5.8
19850E 18525N Orig	12																						

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
19850E 18525N Dup	14																						
19850E 18750N Orig	22																						
19850E 18750N Dup	18																						
19850E 18800N Orig		0.4	1.93	4.1	3.2	< 20	58.2	0.4	0.37	0.1	6.8	17	65.2	3.91	9	0.25	0.04	5	0.38	295	1.1	0.029	8.4
19850E 18800N Dup		0.4	1.92	4.4	5.1	< 20	58.9	0.4	0.33	< 0.1	6.8	16	62.8	3.78	9	0.25	0.04	4	0.37	277	0.8	0.027	7.6
19850E 19000N Orig	6																						
19850E 19000N Dup	6																						
19900E 18650N Orig	15																						
19900E 18650N Dup	17																						
19900E 18775N Orig		0.1	2.75	3.7	17.2	< 20	55.4	0.2	0.48	0.1	17.4	20	59.4	3.33	9	0.19	0.05	8	0.51	868	0.8	0.030	11.3
19900E 18775N Dup		0.1	2.69	3.3	4.6	< 20	55.3	0.3	0.47	< 0.1	18.2	19	59.7	3.38	9	0.19	0.04	8	0.50	901	0.7	0.029	11.5
20200E 20600N Orig	23																						
20200E 20600N Dup	22																						
20200E 20700N Orig		0.5	2.21	14.1	1.9	< 20	181	0.2	0.24	0.2	11.2	34	29.0	4.64	9	0.09	0.05	12	0.42	502	2.6	0.014	25.3
20200E 20700N Dup		0.6	2.10	13.4	1.2	< 20	178	0.2	0.23	0.2	11.2	33	29.0	4.56	9	0.07	0.05	11	0.41	504	2.4	0.015	24.2
20200E 20850N Orig	15																						
20200E 20850N Dup	17																						
20450E 20650N Orig		0.2	2.69	5.9	2.3	< 20	69.0	0.1	0.38	< 0.1	10.8	39	64.4	4.58	12	0.11	0.03	6	0.64	632	0.7	0.020	23.8
20450E 20650N Dup		0.2	2.84	4.9	5.2	< 20	69.1	0.2	0.35	< 0.1	11.2	39	64.1	4.61	12	0.12	0.03	5	0.67	649	0.4	0.020	23.8
20450E 20725N Orig	10																						
20450E 20725N Dup	10																						
20700E 22250N Orig	8																						
20700E 22250N Dup	6																						
20700E 22450N Orig		0.5	3.17	12.6	1.7	< 20	75.6	0.2	0.24	0.1	6.3	42	44.6	4.40	12	0.17	0.03	6	0.38	728	1.2	0.023	24.1
20700E 22450N Dup		0.5	3.24	14.7	7.9	< 20	78.6	0.2	0.26	< 0.1	6.5	43	48.2	4.44	12	0.17	0.03	7	0.36	768	1.3	0.023	23.4
20900E 20600N Orig	10																						
20900E 20600N Dup	10																						
21300E 21600N Orig		0.2	3.31	2.0	3.4	< 20	178	< 0.1	0.21	< 0.1	17.5	81	115	4.89	9	0.09	0.04	8	0.91	512	0.4	0.014	47.2
21300E 21600N Dup		0.2	3.46	2.7	1.8	< 20	185	< 0.1	0.26	< 0.1	17.5	83	116	4.98	9	0.07	0.04	8	0.95	510	0.3	0.016	47.9

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
20450E 20550N Orig		0.3	2.71	12.6	4.1	< 20	100	0.1	0.29	0.2	21.6	88	90.8	4.33	7	0.18	0.04	14	1.48	582	1.1	0.015	63.6
20450E 20550N Dup		0.3	2.90	12.9	4.6	< 20	103	0.1	0.29	0.2	22.6	89	92.2	4.36	7	0.15	0.04	15	1.49	593	1.0	0.018	66.1
Method Blank	3																						
Method Blank	3																						
Method Blank	3																						
Method Blank	2																						
Method Blank	3																						
Method Blank	4																						
Method Blank	3																						
Method Blank	3																						
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Method Blank	3																						
Method Blank	3																						
Method Blank	3																						
Method Blank	3																						
Method Blank	3																						
Method Blank	3																						
Method Blank	2																						
Method Blank		< 0.1	< 0.01	< 0.5	0.6	< 20	1.4	< 0.1	< 0.01	< 0.1	< 0.1	1	< 0.2	< 0.01	< 1	< 0.01	< 0.01	< 1	< 0.01	< 1	< 0.1	0.004	< 0.1
Method Blank		< 0.1	< 0.01	< 0.5	0.8	< 20	1.5	< 0.1	< 0.01	< 0.1	< 0.1	2	< 0.2	< 0.01	< 1	0.04	< 0.01	< 1	< 0.01	< 1	< 0.1	0.005	< 0.1
Method Blank		< 0.1	< 0.01	< 0.5	1.8	< 20	2.6	< 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	0.6	1.0	< 20	2.1	< 0.1	< 0.01	< 0.1	< 0.1	2	< 0.2	< 0.01	< 1	0.05	< 0.01	< 1	< 0.01	< 1	< 0.1	0.006	< 0.1
Method Blank		< 0.1	< 0.01	< 0.5	0.7	< 20	2.0	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2	< 0.01	< 1	0.04	< 0.01	< 1	< 0.01	< 1	< 0.1	0.006	< 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	0.035	16.5	< 1		40.1		12		10.2			173		35
OREAS 45d (Aqua Regia) Cert	0.035	17.0	0.045		41.50		11.0		11.3			201		30.6
OREAS 45d (Aqua Regia) Meas	0.034	16.4	< 1		38.7		11		10.0			168		37
OREAS 45d (Aqua Regia) Cert	0.035	17.0	0.045		41.50		11.0		11.3			201		30.6
OREAS 922 (AQUA REGIA) Meas	0.064	61.4	< 1	0.5	3.7	2.9	16		16.2		0.2	31	1.1	257
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	0.063	59.1	< 1	0.6	3.2	3.0	16		15.1		0.2	29	1.1	255
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 907 (Aqua Regia) Meas	0.017	34.5	< 1	2.0	2.0	8.5	13	0.2	8.6	0.016	0.1	5	0.8	135
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	0.019	35.2	< 1	2.2	2.2	8.5	13	0.3	8.7	0.016	0.1	6	0.8	140
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 263 (Aqua Regia) Meas	0.043	37.0	< 1	7.3	3.8		20	0.2	11.8		0.6	27		129
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	0.045	37.1	< 1	7.5	3.9		21	0.2	11.7		0.6	27		137
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	0.094	1280	6	4.3	3.5		21	< 0.2	9.1	0.030	5.0	36	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	0.080	1150	5	4.1	3.3		18	< 0.2	8.3	0.026	4.5	30	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 623 (Aqua Regia) Meas	0.036	2240	10	19.3	4.5	18.3	13	0.6	4.8		0.3	15	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	2300	9	20.1	4.4	18.5	14	0.6	4.9		0.3	15	3.2	> 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

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 228b (Fire Assay) Meas														
OREAS 228b (Fire Assay) Cert														
OREAS 228b (Fire Assay) Meas														
OREAS 228b (Fire Assay) Cert														
OREAS 228b (Fire Assay) Meas														
OREAS 228b (Fire Assay) Cert														
OREAS 228b (Fire Assay) Meas														
OREAS 228b (Fire Assay) Cert														
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OREAS 228b (Fire Assay) Meas														
OREAS 228b (Fire Assay) Cert														
OREAS 228b (Fire Assay) Meas														
OREAS 228b (Fire Assay) Cert														
Oreas E1336 (Fire Assay) Meas														
Oreas E1336 (Fire Assay) Cert														
Oreas E1336 (Fire Assay) Meas														
Oreas E1336 (Fire Assay) Cert														
Oreas 620 (Aqua Regia) Meas	0.028	> 5000	3	60.2			19		7.3		0.6	9	0.8	> 5000
Oreas 620 (Aqua Regia) Cert	0.031	7740	2	62.0			20		7.5		0.5	7	0.8	31200
Oreas 620 (Aqua Regia) Meas	0.029	> 5000	2	67.2			19		7.1		0.7	8	0.7	> 5000
Oreas 620 (Aqua Regia) Cert	0.031	7740	2	62.0			20		7.5		0.5	7	0.8	31200
Oreas 620 (Aqua Regia) Meas	0.031	> 5000	3	71.7			19		7.2		0.8	9	0.8	> 5000
Oreas 620 (Aqua Regia) Cert	0.031	7740	2	62.0			20		7.5		0.5	7	0.8	31200
Oreas 610 (Aqua Regia) Meas	0.026	496	3	262	1.0	27.8	38	43.3	2.2		1.6	14	3.8	1890
Oreas 610 (Aqua Regia) Cert	0.025	512	3	265	0.84	27.7	39	41.7	3.1		1.5	12	3.6	1760
20800E 21850N Orig	0.050	5.3	< 1	< 0.1	5.8	0.6	33	< 0.2	0.8	0.162	< 0.1	103	< 0.1	96

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
20800E 21850N Dup	0.045	5.0	< 1	< 0.1	5.4	< 0.5	29	< 0.2	0.7	0.150	< 0.1	99	< 0.1	90
20800E 22350N Orig														
20800E 22350N Dup														
20900E 21700N Orig	0.054	8.2	< 1	0.3	4.2	0.6	23	< 0.2	0.7	0.184	< 0.1	92	< 0.1	71
20900E 21700N Dup	0.053	7.5	< 1	0.2	4.4	0.7	23	< 0.2	0.7	0.168	< 0.1	85	< 0.1	69
20900E 21850N Orig														
20900E 21850N Dup														
20900E 22650N Orig	0.061	6.6	< 1	0.1	2.0	0.5	8	< 0.2	1.1	0.056	< 0.1	45	1.6	90
20900E 22650N Dup	0.072	7.3	< 1	0.2	2.2	< 0.5	9	< 0.2	1.2	0.060	< 0.1	50	< 0.1	102
20900E 22700N Orig														
20900E 22700N Dup														
21100E 21750N Orig														
21100E 21750N Dup														
20250E 20650N Orig	0.038	8.6	< 1	0.2	8.4	0.6	13	< 0.2	0.9	0.178	< 0.1	112	< 0.1	150
20250E 20650N Dup	0.040	8.6	< 1	0.3	8.8	0.5	14	< 0.2	1.0	0.207	< 0.1	115	< 0.1	147
20250E 20700N Orig														
20250E 20700N Dup														
20250E 20975N Orig	0.108	7.3	< 1	0.3	4.8	0.5	16	< 0.2	1.0	0.123	< 0.1	99	0.8	84
20250E 20975N Dup	0.107	7.0	< 1	0.2	4.3	0.6	14	< 0.2	0.9	0.128	< 0.1	97	< 0.1	80
20300E 20550N Orig														
20300E 20550N Dup														
20300E 20725N Orig	0.022	6.8	< 1	0.3	4.3	0.5	19	< 0.2	1.1	0.129	< 0.1	103	< 0.1	84
20300E 20725N Dup	0.022	6.7	< 1	0.3	3.8	< 0.5	16	< 0.2	1.0	0.102	< 0.1	96	< 0.1	80
20300E 20800N Orig														
20300E 20800N Dup														
20400E 20750N Orig	0.081	3.6	< 1	0.2	5.9	0.8	28	< 0.2	0.9	0.136	< 0.1	102	< 0.1	45
20400E 20750N Dup	0.086	3.8	< 1	0.2	6.0	0.6	26	< 0.2	0.9	0.114	< 0.1	91	< 0.1	44
20400E 20800N Orig														
20400E 20800N 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
20400E 21550N Orig	0.066	3.6	< 1	0.2	5.2	0.8	19	< 0.2	0.7	0.121	< 0.1	88	< 0.1	54
20400E 21550N Dup	0.067	3.5	< 1	0.2	4.8	0.7	17	< 0.2	0.7	0.105	< 0.1	83	< 0.1	52
20400E 21600N Orig														
20400E 21600N Dup														
20500E 21850N Orig														
20500E 21850N Dup														
20500E 22000N Orig	0.046	9.8	< 1	0.2	3.8	0.5	14	< 0.2	0.6	0.104	< 0.1	96	< 0.1	42
20500E 22000N Dup	0.046	9.8	< 1	0.2	3.7	0.5	14	< 0.2	0.7	0.114	< 0.1	99	< 0.1	44
20500E 22450N Orig														
20500E 22450N Dup														
20600E 21550N Orig	0.063	4.0	< 1	0.1	4.1	< 0.5	10	< 0.2	1.1	0.108	< 0.1	104	< 0.1	74
20600E 21550N Dup	0.060	4.0	< 1	0.1	4.1	< 0.5	12	< 0.2	1.1	0.104	< 0.1	112	< 0.1	75
20600E 22100N Orig														
20600E 22100N Dup														
20600E 22400N Orig	0.053	8.9	< 1	0.4	3.1	0.6	10	< 0.2	1.9	0.104	< 0.1	103	< 0.1	34
20600E 22400N Dup	0.049	8.7	< 1	0.3	2.9	0.6	10	< 0.2	1.9	0.087	< 0.1	100	0.3	31
21700E 21650N Orig														
21700E 21650N Dup														
20150E 20575N Orig														
20150E 20575N Dup														
20150E 20725N Orig	0.054	18.7	< 1	0.7	3.7	< 0.5	29	< 0.2	0.8	0.075	< 0.1	78	< 0.1	63
20150E 20725N Dup	0.054	19.1	< 1	0.7	3.9	0.6	31	< 0.2	0.8	0.083	< 0.1	81	< 0.1	64
20150E 20925N Orig	0.079	8.6	< 1	0.6	4.9	0.7	21	< 0.2	1.1	0.125	0.1	109	< 0.1	115
20150E 20925N Dup	0.078	8.5	< 1	0.4	4.9	0.8	21	< 0.2	1.1	0.100	0.1	104	< 0.1	113
19800E 18675N Orig														
19800E 18675N Dup														
19800E 18750N Orig	0.063	7.0	< 1	0.2	4.2	< 0.5	17	< 0.2	1.1	0.138	< 0.1	78	< 0.1	47
19800E 18750N Dup	0.066	6.7	< 1	< 0.1	4.4	0.6	19	< 0.2	1.1	0.149	< 0.1	79	0.2	45
19850E 18525N 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
19850E 18525N Dup														
19850E 18750N Orig														
19850E 18750N Dup														
19850E 18800N Orig	0.120	16.6	< 1	0.1	4.5	< 0.5	22	< 0.2	1.0	0.180	< 0.1	104	1.1	46
19850E 18800N Dup	0.116	16.3	< 1	< 0.1	4.1	0.6	19	< 0.2	1.0	0.140	< 0.1	101	0.8	45
19850E 19000N Orig														
19850E 19000N Dup														
19900E 18650N Orig														
19900E 18650N Dup														
19900E 18775N Orig	0.067	10.5	< 1	< 0.1	5.4	0.6	24	< 0.2	1.1	0.132	< 0.1	88	0.6	58
19900E 18775N Dup	0.064	10.7	< 1	< 0.1	5.1	0.6	21	< 0.2	1.2	0.120	< 0.1	89	0.5	61
20200E 20600N Orig														
20200E 20600N Dup														
20200E 20700N Orig	0.048	10.7	< 1	0.5	4.1	0.5	26	< 0.2	1.1	0.097	< 0.1	100	17.6	153
20200E 20700N Dup	0.050	10.7	< 1	0.4	3.9	0.5	25	< 0.2	1.0	0.087	< 0.1	92	< 0.1	142
20200E 20850N Orig														
20200E 20850N Dup														
20450E 20650N Orig	0.075	5.3	< 1	0.2	5.6	< 0.5	28	< 0.2	0.9	0.221	< 0.1	129	0.9	84
20450E 20650N Dup	0.075	5.6	< 1	0.1	5.7	< 0.5	27	< 0.2	0.8	0.187	< 0.1	109	< 0.1	86
20450E 20725N Orig														
20450E 20725N Dup														
20700E 22250N Orig														
20700E 22250N Dup														
20700E 22450N Orig	0.097	10.7	< 1	0.4	3.4	0.8	12	< 0.2	0.9	0.131	< 0.1	111	< 0.1	61
20700E 22450N Dup	0.102	11.0	< 1	0.5	3.9	1.0	12	< 0.2	1.0	0.165	< 0.1	120	< 0.1	62
20900E 20600N Orig														
20900E 20600N Dup														
21300E 21600N Orig	0.025	4.0	< 1	0.1	9.3	0.5	20	< 0.2	0.8	0.211	< 0.1	112	< 0.1	62
21300E 21600N Dup	0.025	4.1	< 1	< 0.1	10.2	0.5	25	< 0.2	0.9	0.213	< 0.1	120	< 0.1	67

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
20450E 20550N Orig	0.039	8.9	< 1	0.4	7.4	0.5	12	< 0.2	1.3	0.067	< 0.1	86	< 0.1	155
20450E 20550N Dup	0.039	9.1	< 1	0.4	7.6	< 0.5	13	< 0.2	1.3	0.070	< 0.1	86	< 0.1	149
Method Blank														
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Method Blank														
Method Blank														
Method Blank	< 0.001	0.4	< 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	0.2	< 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

Quality Analysis ... *Innovative Technologies*

Report No.: **A22-07772-Final2**
Report Date: **10-Aug-22**
Date Submitted: **08-Jun-22**
Your Reference: **S-02/S-22 Soil**

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

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

325 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)	2022-08-01 14:16:57

REPORT **A22-07772-Final2**

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Notes:

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

SCC Accredited LAB Accrédité CCN TM

LabID: 790

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
TELEPHONE +250 573-4484 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A22-07772-Final2**
Report Date: **10-Aug-22**
Date Submitted: **08-Jun-22**
Your Reference: **S-02/S-22 Soil**

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

ATTN: Andrew Molnar

CERTIFICATE OF ANALYSIS

325 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-1M	QOP Ultratrace-1 (Aqua Regia ICPMS)	2022-08-03 14:37:24

REPORT **A22-07772-Final2**

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Notes:

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

SCC Accredited LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Unit Symbol	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.1	0.01	0.5	0.5	20	1	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	0.001
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	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
19800E 18775N	< 0.1	2.17	2.8	7.3	< 20	26	0.2	0.31	< 0.1	3.9	19	23.2	3.70	12	0.02	0.03	6	0.27	188	0.7	0.015	5.7	0.041
19800E 18800N	0.2	2.95	2.9	2.6	< 20	63	0.4	0.50	< 0.1	48.0	18	110	5.21	14	0.12	0.05	7	0.42	1200	1.2	0.031	12.1	0.077
19800E 18825N	0.2	3.18	4.4	16.7	< 20	53	0.3	0.33	< 0.1	9.2	24	60.1	4.86	14	0.07	0.04	6	0.38	379	1.2	0.020	11.1	0.068
19800E 18850N	0.2	3.60	4.1	20.2	< 20	42	0.4	0.29	< 0.1	7.8	25	73.5	4.46	12	0.13	0.04	6	0.38	356	1.7	0.014	9.9	0.082
19800E 18875N	0.3	2.64	3.9	8.8	60	62	0.3	0.32	0.1	13.9	20	61.4	4.10	11	0.07	0.04	5	0.37	789	1.2	0.025	12.8	0.057

Analyte Symbol	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn	Au
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1	2
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	FA-ICP
19800E 18775N	8.3	< 1	0.2	4.3	< 0.5	16	< 0.2	2.2	0.191	< 0.1	103	0.2	35	10
19800E 18800N	10.9	< 1	0.2	5.8	< 0.5	29	< 0.2	1.5	0.205	< 0.1	108	0.9	103	191
19800E 18825N	7.5	< 1	0.2	6.5	0.5	16	< 0.2	2.1	0.165	< 0.1	107	0.5	104	14
19800E 18850N	6.9	< 1	0.2	7.1	0.8	16	< 0.2	2.5	0.135	< 0.1	90	0.4	62	30
19800E 18875N	11.0	< 1	0.2	5.2	< 0.5	20	< 0.2	1.5	0.143	< 0.1	82	0.2	91	11

Analyte Symbol	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Unit Symbol	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.1	0.01	0.5	0.5	20	1	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	0.001
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	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 45d (Aqua Regia) Meas		4.40	3.5	21.3		79	0.3	0.09		24.8	458	323	13.7	15		0.09	9	0.15	379		0.023	191	0.028
OREAS 45d (Aqua Regia) Cert		4.86	6.50	21		80	0.30	0.09		26.2	467	345	13.7	17.9		0.097	10	0.144	400		0.031	176	0.035
OREAS 907 (Aqua Regia) Meas	1.3	0.99	37.6	97.2		240	23.5	0.26	0.6	44.8	7	6500	8.59	13		0.31	36	0.22	334	5.1	0.079	4.3	0.020
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	0.0240
OREAS 239 (Fire Assay) Meas																							
OREAS 239 (Fire Assay) Cert																							
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Oreas E1336 (Fire Assay) Cert																							
OREAS 521 (Aqua Regia) Meas	0.9	1.16	332	376			6.1	3.55		371	34	5630	19.8	12		0.46	104	1.02	3070	122	0.048	70.1	0.070
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	0.081
Oreas 620 (Aqua Regia) Meas	40.2	1.01	50.1	700		6	1.9	1.20	162.4	12.2	16	1710	2.58	7	2.04	0.27	26	0.24	405	8.7	0.100	14.0	0.026
Oreas 620 (Aqua Regia) Cert	38.4	1.12	47.2	666		400	1.9	1.29	161.0	12.2	17	1750	2.58	6	2.14	0.31	25	0.27	414	9.0	0.12	14.4	0.031
Oreas 610 (Aqua Regia) Meas	50.3	1.01	3020				223	0.12	12.4	8.0	34	9960	2.28	8	0.77	0.26	6	0.10	68	4.4	0.052	24.5	0.023
Oreas 610 (Aqua Regia) Cert	48.4	0.847	2810				220	0.12	12.3	7.7	33	9720	2.27	6	0.80	0.21	7	0.11	66	4.5	0.049	24.3	0.025
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Analyte Symbol	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Unit Symbol	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.1	0.01	0.5	0.5	20	1	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	0.001
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	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
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Method Blank	< 0.1	< 0.01	< 0.5	4.7	< 20	< 1	< 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	< 0.001
Method Blank	< 0.1	< 0.01	< 0.5	1.0	< 20	2	< 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	< 0.001

Analyte Symbol	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn	Au
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1	2
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	FA-ICP
OREAS 45d (Aqua Regia) Meas	17.2	< 1		38.0		11		10.3			147		34	
OREAS 45d (Aqua Regia) Cert	17.0	0.045		41.50		11.0		11.3			201		30.6	
OREAS 907 (Aqua Regia) Meas	34.4	< 1	2.5	2.1	6.6	12	< 0.2	8.7	0.018	0.1	3	1.1	139	
OREAS 907 (Aqua Regia) Cert	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														3530
OREAS 239 (Fire Assay) Cert														3550
OREAS 239 (Fire Assay) Meas														3430
OREAS 239 (Fire Assay) Cert														3550
OREAS 239 (Fire Assay) Meas														3370
OREAS 239 (Fire Assay) Cert														3550
Oreas E1336 (Fire Assay) Meas														487
Oreas E1336 (Fire Assay) Cert														510.000
Oreas E1336 (Fire Assay) Meas														505
Oreas E1336 (Fire Assay) Cert														510.000
Oreas E1336 (Fire Assay) Meas														483
Oreas E1336 (Fire Assay) Cert														510.000
Oreas E1336 (Fire Assay) Meas														487
Oreas E1336 (Fire Assay) Cert														510.000
OREAS 521 (Aqua Regia) Meas	8.5	2	3.9	9.5	1.1	27	0.6	6.0	0.121	0.1	172	71.2	22	
OREAS 521 (Aqua Regia) Cert	9.0	2	3.6	10	2.4	54	0.7	7.8	0.141	0.1	200	71.0	24	
Oreas 620 (Aqua Regia) Meas	> 5000	2	65.8			15		7.3		0.7	6	0.7	> 5000	
Oreas 620 (Aqua Regia) Cert	7740	2	62.0			20		7.5		0.5	7	0.8	31200	
Oreas 610 (Aqua Regia) Meas	518	2	256	1.1	24.0	39	35.0	2.9		1.4	10	3.4	1800	
Oreas 610 (Aqua Regia) Cert	512	3	265	0.84	27.7	39	41.7	3.1		1.5	12	3.6	1760	
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Analyte Symbol	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn	Au
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1	2
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	FA-ICP
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Method Blank	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	< 1	
Method Blank	< 0.1	< 1	< 0.1	< 0.1	< 0.5	< 1	< 0.2	< 0.1	< 0.001	< 0.1	< 2	< 0.1	< 1	