

Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geochemical, Geophysical

TOTAL COST: \$17,208.50

AUTHOR(S): Matt Fraser

SIGNATURE(S):



NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): N/A

YEAR OF WORK: 2020-21

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5848652

PROPERTY NAME: Princeton East

CLAIM NAME(S) (on which the work was done): 1078453, 1078779, 1078780, 1078781, 1084992, 1085062

COMMODITIES SOUGHT: Au, Cu, Mo, Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: N/A

MINING DIVISION: Similkameen

NTS/BCGS: 92H09

LATITUDE: 49 ° 34 ' 40.4 " LONGITUDE: -120 ° 22 ' 42.8 " (at centre of work)

OWNER(S):

1) Michael Lee

2) _____

MAILING ADDRESS:

60562 Granville Park

Vancouver, B.C.

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

1) Michael Lee

2) _____

MAILING ADDRESS:

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

Boundary Fault, Osprey Batholith, Southern Nicola Arc, Quesnel Terrane, Granodiorites, Diorites, Breccias

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: N/A

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	22.7	1078779, 1078780, 1078781, 1078453	\$8,604.25
Electromagnetic	_____	_____	_____
Induced Polarization	_____	_____	_____
Radiometric	_____	_____	_____
Seismic	_____	_____	_____
Other	_____	_____	_____
Airborne		_____	_____
GEOCHEMICAL (number of samples analysed for...)			
Soil	37	1078453, 1078780	\$8,604.25
Silt	_____	_____	_____
Rock	_____	_____	_____
Other	_____	_____	_____
DRILLING (total metres; number of holes, size)			
Core	_____	_____	_____
Non-core	_____	_____	_____
RELATED TECHNICAL			
Sampling/assaying	_____	_____	_____
Petrographic	_____	_____	_____
Mineralographic	_____	_____	_____
Metallurgic	_____	_____	_____
PROSPECTING (scale, area)		_____	_____
PREPARATORY / PHYSICAL			
Line/grid (kilometres)	_____	_____	_____
Topographic/Photogrammetric (scale, area)	_____	_____	_____
Legal surveys (scale, area)	_____	_____	_____
Road, local access (kilometres)/trail	_____	_____	_____
Trench (metres)	_____	_____	_____
Underground dev. (metres)	_____	_____	_____
Other	_____	_____	_____
		TOTAL COST:	\$17,208.50

**GEOCHEMICAL AND GEOPHYSICAL WORK
PERFORMED ON THE PRINCETON EAST PROPERTY:
OCTOBER 2020-2021**

Similkameen Mining Division
Southern British Columbia
NTS Map Sheet 092H09

Longitude: 120° 22' 42.8298" W, Latitude: 49° 34' 40.3522" N
UTM NAD 83 689500E, 5495000N

Owner/Operator:
Wild West Gold Corp.
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Date Submitted: February 2022

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1 INTRODUCTION

The Princeton East property straddles Hayes Creek north of Princeton, B.C. The Hayes Creek valley is on strike with the northeasterly projection of the Boundary Fault – a regional rift system associated with copper-gold porphyry mineralization at Copper Mountain and Miner Mountain.

At the request of Wild West Gold Corp., Decoors Mining Corp. visited the Princeton East Property in October 2020 and October 2021. This report documents the work carried out on the Princeton East claims by a three-person mineral exploration crew on October 26, 2020 and October 24, 2021.

2 PROPERTY DESCRIPTION

2.1 LOCATION

Provincially, the Princeton East Property is located 310km E/NE of Vancouver in southern British Columbia (Figure 2-1).



Figure 2-1. Property Location

Locally, the Property is located 15 km NE of Princeton, B.C., and is situated on NTS map sheet 092H09. Approximate longitude and latitude for the center of the area worked are 120° 22' 42.8298" W, 49° 34' 40.3522" N (UTM NAD 83 Zone 10 689500E, 5495000N).

2.2 ACCESS

The Princeton East property can be reached from Vancouver by taking Highways 1 and 3 east 275km to Princeton. From Princeton, the property can be reached by driving the Princeton Summerland Road (Highway 40) NE for 17 km. Highway 40 runs through the NW corner of the claims. The eastern part of the claims can be accessed via a right turn onto the Red Creek and Finnegan Forest Service Roads (Figure 2-2).

2.3 PHYSIOGRAPHY AND CLIMATE

The Princeton East claims lie within the Okanagan Range Ecosection of the Northern Cascades Range Ecoregion. This ecosection is characterized by high mountains in the south, with deep, dry valleys in the centre and south, lowering to rounded summits north of the Similkameen River. The higher summits show the affects of glaciations with serrate ridges and cirque-basin erosion.

This ecosection lies in a rainshadow of the higher Cascade Ranges to the west. Summer temperatures are warm and hot dry subtropical air can arrive via the Columbia Basin to the southeast. Winters are cool, but cold dense Arctic air seldom occurs here unless under a large southward flowing air mass. Subalpine forests and rolling alpine tundra dominate the upper slopes, while sagebrush-steppe habitats occur in the wide, low elevation basins (Demarchi, 2011).

Within the claims, elevations range from a high of 1,585 metres in the far east to a low of 800 metres in Hayes Creek valley. Surface waters flow into Hayes Creek, which drains into the Similkameen River 8 km east of Princeton.

2.4 INFRASTRUCTURE

Logging, mineral exploration, and hard rock mining are extensive throughout the area.

Nearby Princeton (population 2,700) is the largest town in the Similkameen with primary economic drivers of mining, forestry, and agriculture. The town's biggest employers are the Copper Mountain Mine and a sawmill owned by Weyerhaeuser. Downtown Princeton has a vibrant retail and services sector that can service any mineral exploration program.

There are multiple freshwater streams and creeks throughout the Property that can provide sufficient water for mineral exploration activities.

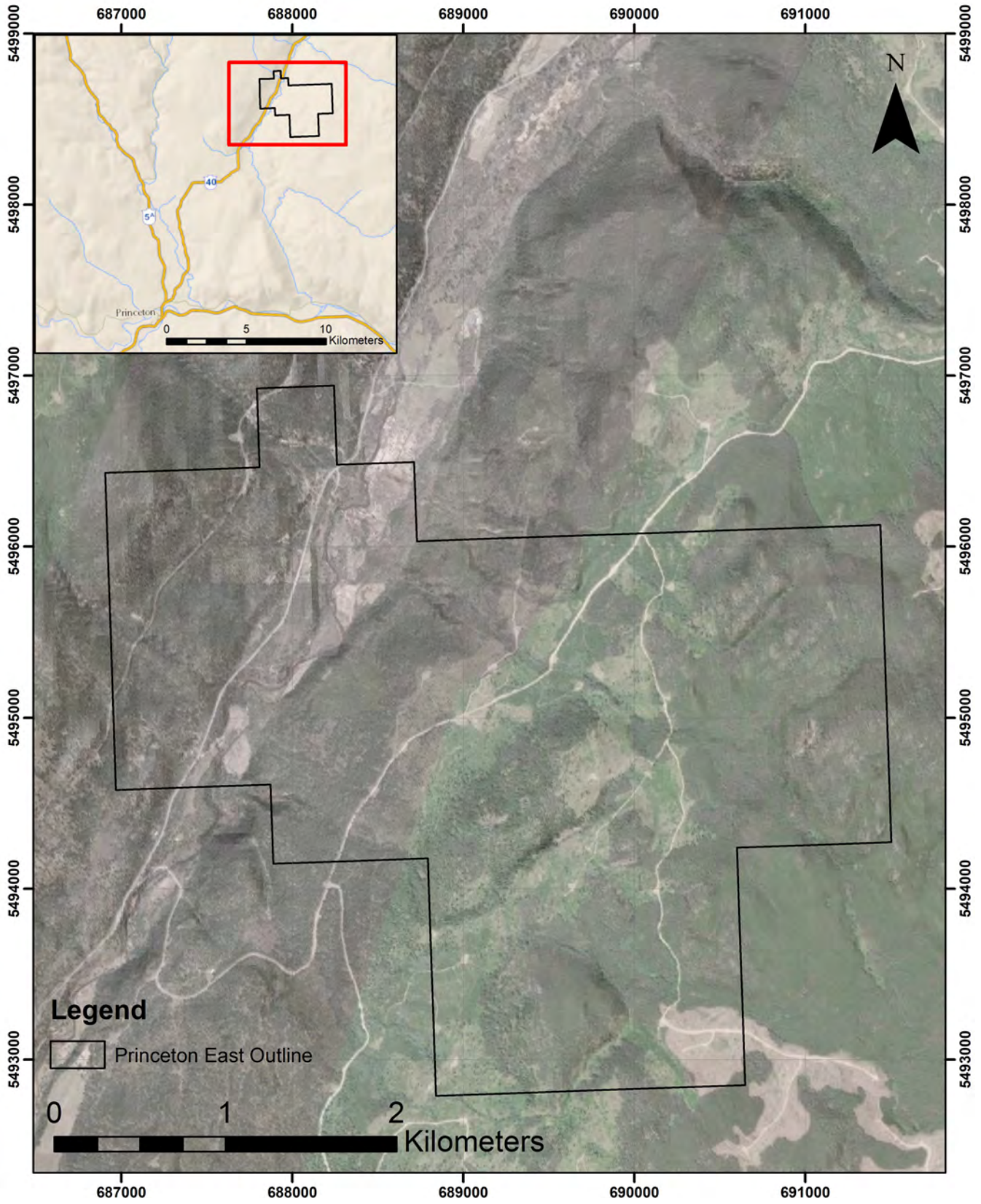


Figure 2-2. Property Access

3 CLAIMS AND OWNERSHIP

The Princeton East claim block consists of 6 contiguous claims covering 1,152.0737 hectares (Table 3-1, Figure 3-1). All claims are owned by Michael Richard Lee of Wild West Gold Corp.

Table 3-1. Claims and Ownership

Tenure Number	Type	Claim Name	Area (ha)	Owner Name	Good-To Date
1078453	Mineral		335.1179	LEE, MICHAEL RICHARD	2025-11-01
1078779	Mineral		104.7172	LEE, MICHAEL RICHARD	2025-11-01
1078780	Mineral		125.6917	LEE, MICHAEL RICHARD	2025-11-01
1085062	Mineral		251.4252	LEE, MICHAEL RICHARD	2022-10-27
1084992	Mineral		167.5545	LEE, MICHAEL RICHARD	2022-10-25
1078781	Mineral		167.5672	LEE, MICHAEL RICHARD	2025-11-01
Total:			1,152.0737		

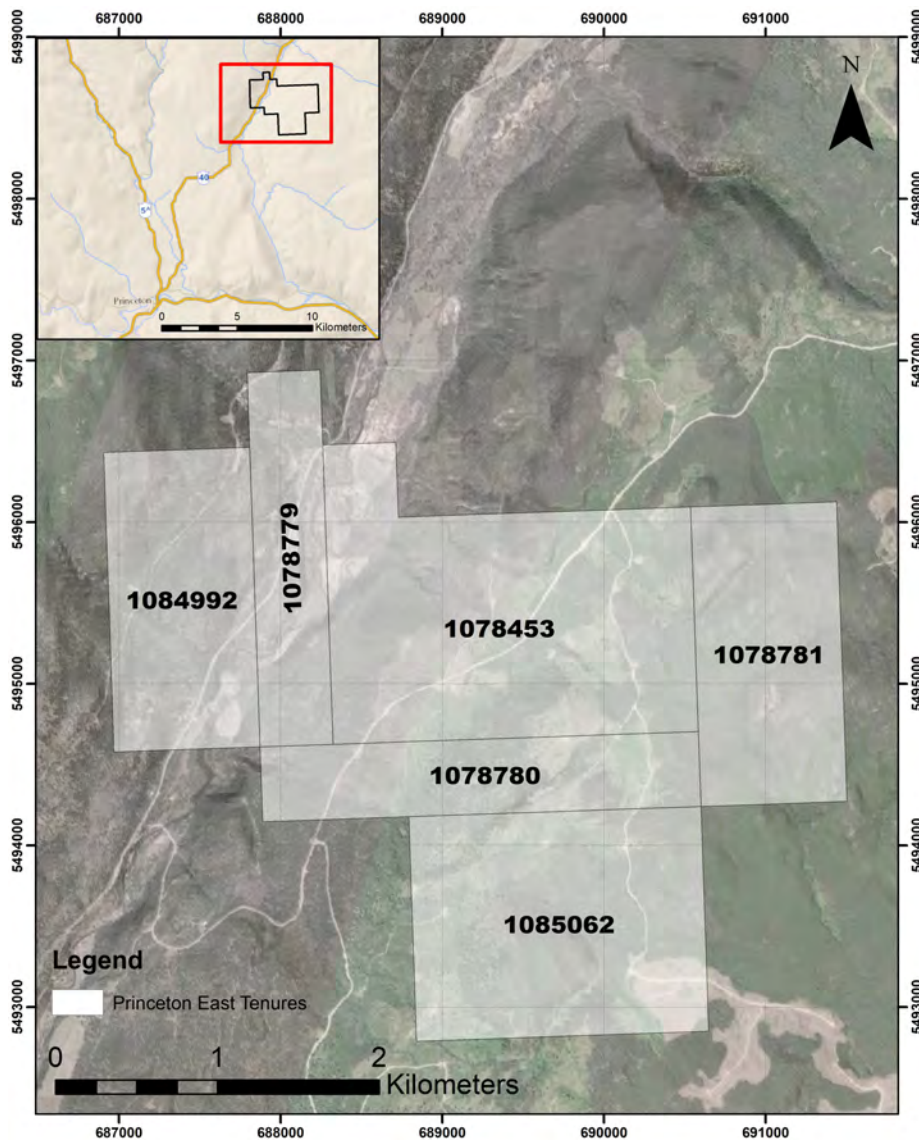


Figure 3-1. Princeton East tenures

4 HISTORY

4.1 SOUTH-CENTRAL BRITISH COLUMBIA

The South-Central Region of B.C. is currently the most productive copper mining district in Canada. Table 4-1 displays the major mines of the district including Copper Mountain (35km south), Highland Valley (100km northwest), New Afton and Ajax (115km north), and the past producing Craigmont (70km northwest).

Table 4-1. Major Mines of South-Central B.C.

Mine	Distance from Property	Deposit Type	Total Resource (Mt)	Cu (%)	Au (g/t)	Mo (%)
Copper Mountain	30 km south	Cu, Au, Ag; alkalic porphyry	449	0.3	0.12	
Highland Valley	90 km north	Cu, Mo; porphyry	2,518.90	0.26		0.009
Craigmont	70 km north	Cu skarn	26.5	1.78		
Ajax	105 km north	Cu, Au; alkalic porphyry	597	0.25	0.19	
New Afton	110 km north	Cu, Au, Ag; alkalic porphyry	132.1	0.73	0.59	
Gibraltar	335 km north	Cu, Mo; calc-alkaline porphyry	952	0.25		0.008

4.2 PROPERTY HISTORY

No documented work could be found within the Princeton East claims.

Previous work nearby consisted of:

- Placer mining of Hayes Creek. Hayes Creek, which used to be called Five Mile Creek, was discovered in 1887 and mined for gold.
- Diamond drilling of a molybdenum showing south of the claims. Drilling identified hydrothermal alteration with a significant volume of breccia and widespread pyrite in a complex stock intruded by felsic dykes characteristic of porphyry type mineralization. Mineralization is interpreted to be peripheral, and more work was recommended (Janes, 1985).
- Trenching and soil sampling of a mineralized fault zone north of the claims. Mineralization consists of abundant hematite along fractures within the fault zone. Alteration is observed to increase towards the south where an old pit contains fragments of coarse-grained porphyritic granite with strong argillic alteration. Malachite occurs along fractures in most of the fragments (Livgard, 1971).

5 GEOLOGY

5.1 REGIONAL GEOLOGY

Owing in part to its important metal endowment, the southern Nicola arc has been extensively explored. Regional geology is described from the BCGS Southern Nicola Arc Project (SNAP) Paper 2014-1 (Mihalynuk, 2014) and Open File 2020-1 (Mihalynuk, 2020).

The southern Nicola arc and underlying basement rocks belong to the Quesnel Terrane, which stretches from the U.S.-Canada border over the length of B.C. and into the Yukon. The Nicola Group and underlying basement rocks together comprise a composite island arc that initiated at the western margin of ancestral North America in Devonian time (Monger et al., 1972; Monger, 1977; Mihalynuk et al., 1994; Ferri, 1997), on rocks at least as old as Late Silurian; (Read and Okulitch, 1977). Formation of a back-arc basin likely rifted Quesnel arc from its continental margin homeland (Mihalynuk et al., 1994, 1999). As the back arc basin grew to oceanic proportions, Quesnellia became isolated enough from North America to permit the colonization of endemic organisms, the fossil remains of which are lacking in now adjacent parts of cratonic North America but are found to the west in Stikine terrane (Ross and Ross, 1983 and 1985). Both Quesnel and Stikine terranes were repatriated with North America by Early to Middle Jurassic (Ricketts et al., 1992; Nixon et al., 1993; Mihalynuk et al., 2004;) as they buckled against the margin, capturing exotic oceanic rocks of the Cache Creek terrane between them (Monger and Ross, 1971; Mihalynuk et al., 1994). Since Middle Jurassic time, rocks of the Quesnel arc were deformed during collisions that shuffled rocks along the ancestral continental margin southward and then northward, coming to rest in the Eocene (Enkin, 2006; Sigloch and Mihalynuk, 2013). Eocene extension in the southern Cordillera (Brown and Journeay, 1987) formed basins in which Princeton Group volcanosedimentary rocks accumulated. Extension may have persisted into the Miocene, outlasting effusive Chilcotin Group volcanism.

Magmatic roots of the Nicola arc include prolifically mineralized intrusions emplaced during an arc-building and collisional epoch centred on ~204 Ma (Logan and Mihalynuk, 2014). Known as the Copper Mountain suite, these intrusions and Nicola Group arc rocks mineralized adjacent to them, have been a major source of British Columbia mining wealth for 50 years. Because of this wealth, many geological investigations have focused on the Late Triassic to Early Jurassic Nicola arc rocks. Magmatic and sedimentary units of the southern Nicola arc were previously partitioned into three subparallel belts separated by northerly trending faults (Preto, 1979; Monger, 1989) a Western belt distinguished by felsic volcanic rocks and limestone; 2) a Central belt consisting mainly of mafic volcanic rocks, comagmatic plutons, and locally prominent laharc rocks; and 3) an Eastern belt composed mainly of sedimentary rocks. Fossils from the volcanic-dominant western and central belts previously restricted timing of Nicola Group deposition to Late Triassic. The mainly sedimentary Eastern belt lacked fossils, inhibiting internal arc correlation; yet despite separation by a regional fault from the other belts, it was considered a lateral facies of belts to the west (Preto, 1979). Rocks of the Eastern belt are particularly well preserved in the Hedley basin where they comprised formations of the Nicola Group (Ray and Dawson, 1994), but are now believed to represent western exposures of the Slocan Group. In southwestern Quesnellia, the Slocan Group is a marine sequence that is a time-equivalent deep-basin corollary of the adjacent Nicola Group island arc strata. It is suspected to have periodically dominated deposition, either interdigitating or overlapping Nicola arc stratigraphy during Late Triassic sea level fluctuations, particularly in Carnian and Rhaetian times.

Building on earlier pioneering work on the Nicola Group, recent detailed mapping conducted during SNAP, and 25 new radioisotopic age determinations (Mihalynuk et al., 2014, 2015, 2016; Friedman et al., 2016) lead to abandoning the historic usage of the 'Belt' terminology, replacing it with a lithostratigraphy that is intended to redefine the Nicola Group within a segment of the Nicola magmatic arc in southwestern Quesnel terrane. Uranium-lead geochronology now confirms lithostratigraphic ties for many kilometres along the arc, and importantly, new lithostratigraphic units demonstrably span historic belt boundaries, with felsic pulses dated at ~239 Ma and ~224 Ma in what was previously the Western belt; ~238 Ma, 224 Ma and ~202 Ma in what was previously the Central belt; and 223 Ma and ~200 Ma in what was previously the Eastern belt. Growth of the Nicola arc began in Middle Triassic (ca. 239 Ma) and continued through erosional unconformities (~214-211 Ma, and ~207 Ma), that preceded emplacement of calc-alkalic and alkalic porphyry copper deposits, and arc termination in earliest Jurassic (~200 Ma).

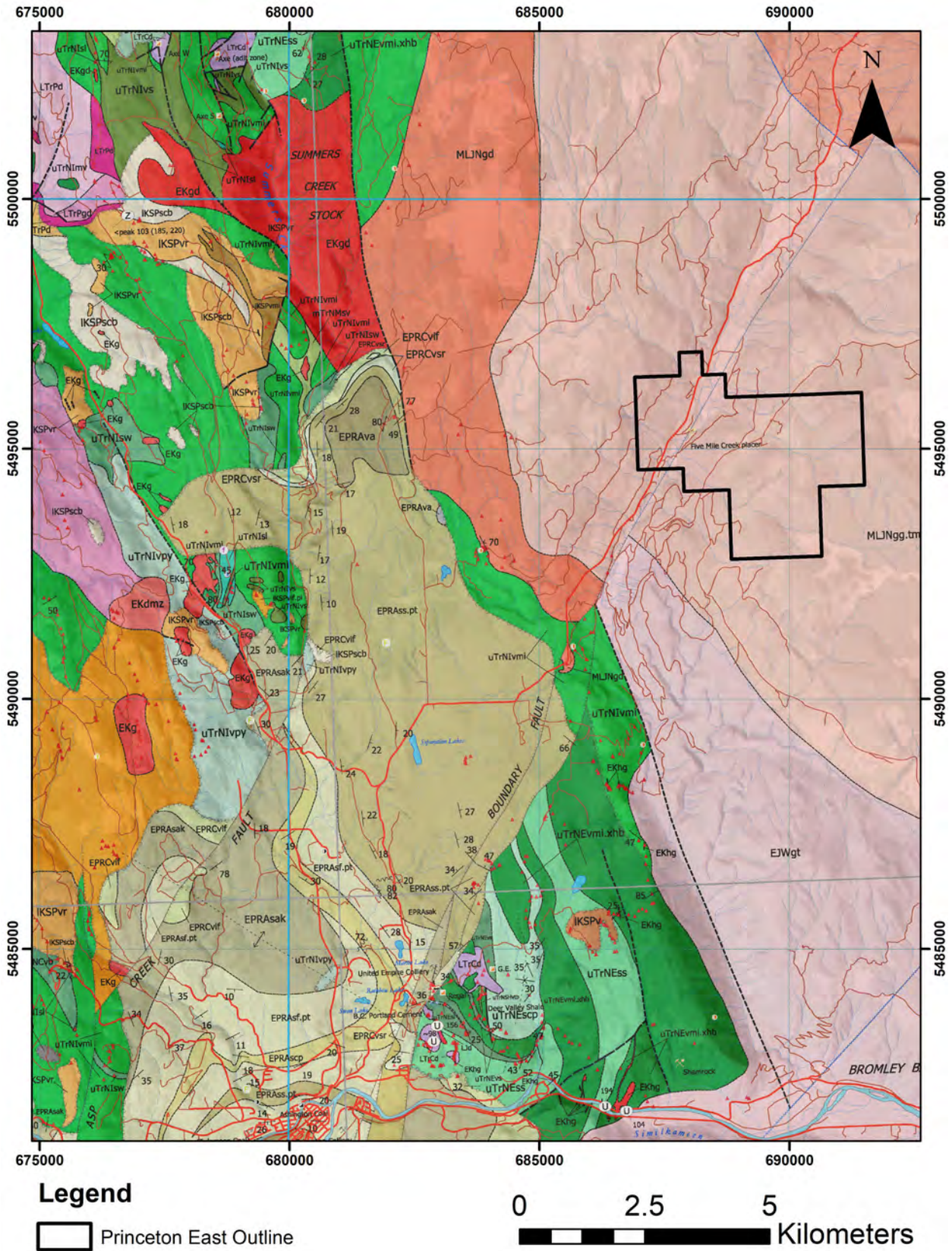


Figure 5-1. Regional Geology

5.2 PROPERTY GEOLOGY

The entirety of Princeton East is underlain by the Middle to Late Jurassic Osprey batholith. These rocks are described as granite, granodiorite, white to pinkish grey, medium to coarse grained, with or without megacrysts of potassium feldspar, and up to 15% biotite > hornblende.

6 REGIONAL MAGNETICS

Magnetic data was downloaded from NRCAN's Geoscience Data Repository for Geophysical Data. This data was windowed to the Princeton area. Figure 6-1 displays the tilt derivative (TDR – nT/m). TDR is useful for mapping shallow basement structures and mineral exploration targets. The Boundary Fault is observed as a NE trending low that runs just west of Copper Mountain and Miner Mountain. The same structure is identified trending NE through the Princeton East claims.

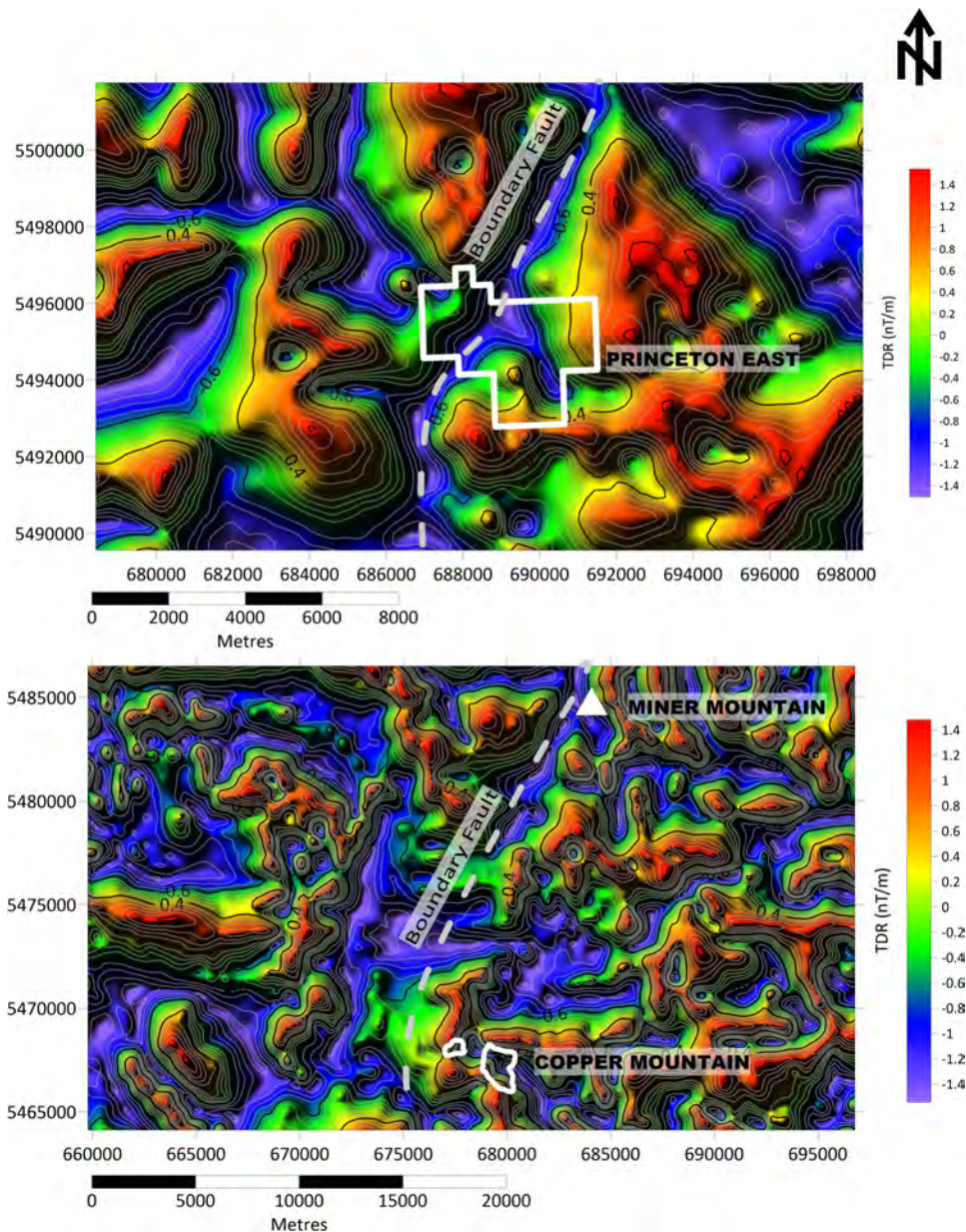


Figure 6-1. Tilt Derivative (TDR) of Regional Magnetics

7 2020-21 EXPLORATION

The 2020-21 exploration program consisted of drone magnetic and Mobile Metal Ion (MMI) surveys. The drone magnetic survey covered most of the claim block east of Hayes Creek. The MMI survey consisted of a reconnaissance road line.

7.1 DRONE MAGNETIC SURVEY

7.1.1 SURVEY INSTRUMENTATION

Drone: DJI Matrice 600 Pro

The DJI Matrice 600 Pro (M600 Pro) is a hexacopter, or a rotary drone with 6 motors. With six actively cooled motors, flights are smooth and stable. Due to the large motors and propellers the M600 Pro can lift payloads of up to 6 kg. The six motors also make flying much safer. If a motor fails, the drone can recover itself and safely land.

Each motor is powered by a rechargeable DJI intelligent battery and 6 batteries are required per flight. After each flight the batteries must be recharged. In order to minimize charging time between flights Decoors has a set of 18 batteries and 2 charging bays. Each bay charges 6 batteries at a time.

The M600 Pro is controlled by the DJI Lightbridge 2 transmission system. This provides a long-range remote control. The pilot can maintain connection with the drone up to a maximum distance of 5 km in unobstructed areas free of any interference.

A key advantage of the M600 Pro design is its customization options. While designed primarily for filmmakers, other industries can customize the drone to suit their needs. Decoors has outfitted the M600 Pro with a GEM Systems drone magnetometer, an external GPS, and a laser altimeter.

UAV Magnetometer – GEM Systems GSMP-35U

GEM Systems GSMP-35U is the first light-weight, high sensitivity magnetometer specifically designed for UAVs. The sensors are based on GEM's popular optically pumped Potassium Magnetometer sensor, which offers the highest sensitivity, absolute accuracy and gradient tolerance available in the industry.

Components include:

- magnetometer sensor: tethered to the M600 Pro by a 2-metre cable.
- electronics box, battery, and altimeter: installed directly beneath the drone's carbon fiber frame.
- external GPS: mounted above the drone's carbon fiber frame.

The magnetometer runs completely independent of the drone.

Base Magnetometer – GEM Systems GSMP-35

The GSMP-35 is a ground system employed for subsurface investigations in numerous fields, including mineral prospecting and exploration. High data quality is assured through the GSMP-35 magnetometer's ultra-high sensitivity (0.0002 nT @ 1Hz).

7.1.2 MAGNETICS THEORY

A typical alkali vapour magnetometer consists of a glass cell containing an evaporated alkali metal (i.e., alkali atoms). According to quantum theory, there is a set distribution of valence electrons within every population of alkali atoms. These electrons reside in two energy levels: 1 and 2. Light of a specific wavelength is applied to the vapour cell to excite electrons from level 2 to a 3rd level – level 3. This is known as polarization.

Electrons at level 3 are not stable and spontaneously decay back to levels 1 and 2. Eventually, level 1 becomes fully populated and level 2 is fully depopulated. The result is that the cell stops absorbing light and turns from opaque to transparent.

At this point, depolarization begins. Energy that corresponds to the energy difference between levels 1 and 2 is applied to move electrons from level 1 back to level 2.

The significance of depolarization is that the energy difference between levels 1 and 2 is directly proportional to the magnetic field. In the process of polarization and depolarization light is modulated and the frequency value is then converted to magnetic field units.

7.1.3 UAV MAGNETIC SURVEY PROCEDURE

At the start of the day, the base magnetometer was set up at NAD83 688490E 5494565E. Readings were collected every second.

The altitude above ground level (AGL) was set to 100m. Elevation used to determine ground level was taken from the Digital Elevation Model (DEM) for British Columbia produced by GeoBC. The data consists of an ordered array of ground or reflective surface elevations, recorded in metres, at regularly spaced intervals. The spacing of the grid points is .75 arc seconds north/south.

North-south lines were flown at 200-metre spaced intervals. A total of 22.7 line-kms were flown.

At the end of each day, data was dumped from each magnetometer. The data was diurnally corrected and cleaned before being processed into maps.

7.2 MOBILE METAL ION (MMI) SURVEY

Mobile Metal Ion (MMI) geochemistry is a proven advanced geochemical exploration technique known to find mineral deposits. It is especially suited to deeply buried mineral deposits.

Mobile Metal Ions is a term used to describe ions which have moved in the weathering zone and that are only weakly or loosely attached to surface soil particles. Research and case studies over known orebodies have shown that these ions travel upward from mineralization to accumulate in unconsolidated surface materials such as soil, till, and sand. Generally, as the Mobile Metal Ions reach surface, they attach themselves weakly to soil particles, and these specific ions are the ones measured by the MMI technique. They are at very low concentrations and because the ions have recently arrived at surface, they provide a precise "signal" of the location of subcropping concentrations of minerals that could prove to be economically significant.

Their lifetime in the ionic state at surface is limited because they are subject to degradation and molecular binding or fixation into molecular forms by weathering. Their limited lifetime precludes their detection by lateral circulation; accordingly, they do not move away from the source of mineralization. Hence by only measuring the mobile metal ions in the surface soils, the MMI geochemistry is attested to produce very sharp anomalous responses directly over the source of the mobile ions. The source would be diagnosed as mineralization at depth which emit metal ions characteristic of that mineralization.

Using careful soil sampling strategies, sophisticated chemical ligands and ultra-sensitive instrumentation, SGS can measure these ions. After interpretation, MMI data can indicate anomalous areas.

A total of 37 MMI samples were collected along reconnaissance road lines throughout the property. Sample spacing was approximately 200 metres.

7.2.1 MMI SAMPLING AND ANALYTICAL PROCEDURES

MMI samples were taken following the standard MMI sampling procedure:

- 1) Using a shovel, holes were dug with a shovel to approximately 40 cm in depth.
- 2) Before extracting a sample, a plastic trowel was flushed with dirt at the sample site, ensuring that there was no cross-contamination from the remnants of the previous sample.
- 3) The trowel was used to scrape dirt 10-25 cm deep from all sides of the hole into a plastic bowl.
- 4) The bowls of dirt were transferred to a labelled Ziploc bag.
- 5) The sample location was marked with a handheld GPS.
- 6) Samples were transferred into rice bags.

All samples were sent to the SGS laboratory in Burnaby, B.C.

The analysis completed was the SGS Mobile Metal Ion Standard Package/ICPMS (GE_MMIM), which uses a proprietary leach and analysis of the extracted solution by ICPMS.

8 RESULTS

8.1 DRONE MAG RESULTS

The diurnally corrected magnetic data within the survey ranged from 53,937 – 54,474 nT.

The final magnetic data has been presented as total magnetic intensity (TMI), tilt derivative (TDR), first vertical derivative (FVD), and analytic signal (AS) maps in Appendix 3.

The TMI map is the interpolation of the diurnally corrected magnetic data. This is the standard presentation of magnetic data. It can be used to highlight major geological structures within the survey area by their magnetic signatures relative to their surroundings.

The TDR map is used for mapping shallow basement structures and mineral exploration targets.

The 1VD map enhances shallow magnetic features at the expense of anomalies caused by deeper sources. Anomalies within this map are expected to be caused by rocks closer to surface.

The AS map is the sum of the squares of the derivatives in the x, y, and z directions. It is useful in locating the edges of magnetic bodies, particularly where remanence and/or low magnetic latitude complicate interpretation.

8.2 MMI RESULTS

Maps of the 2021 MMI Geochemical Survey are in Appendix 4.

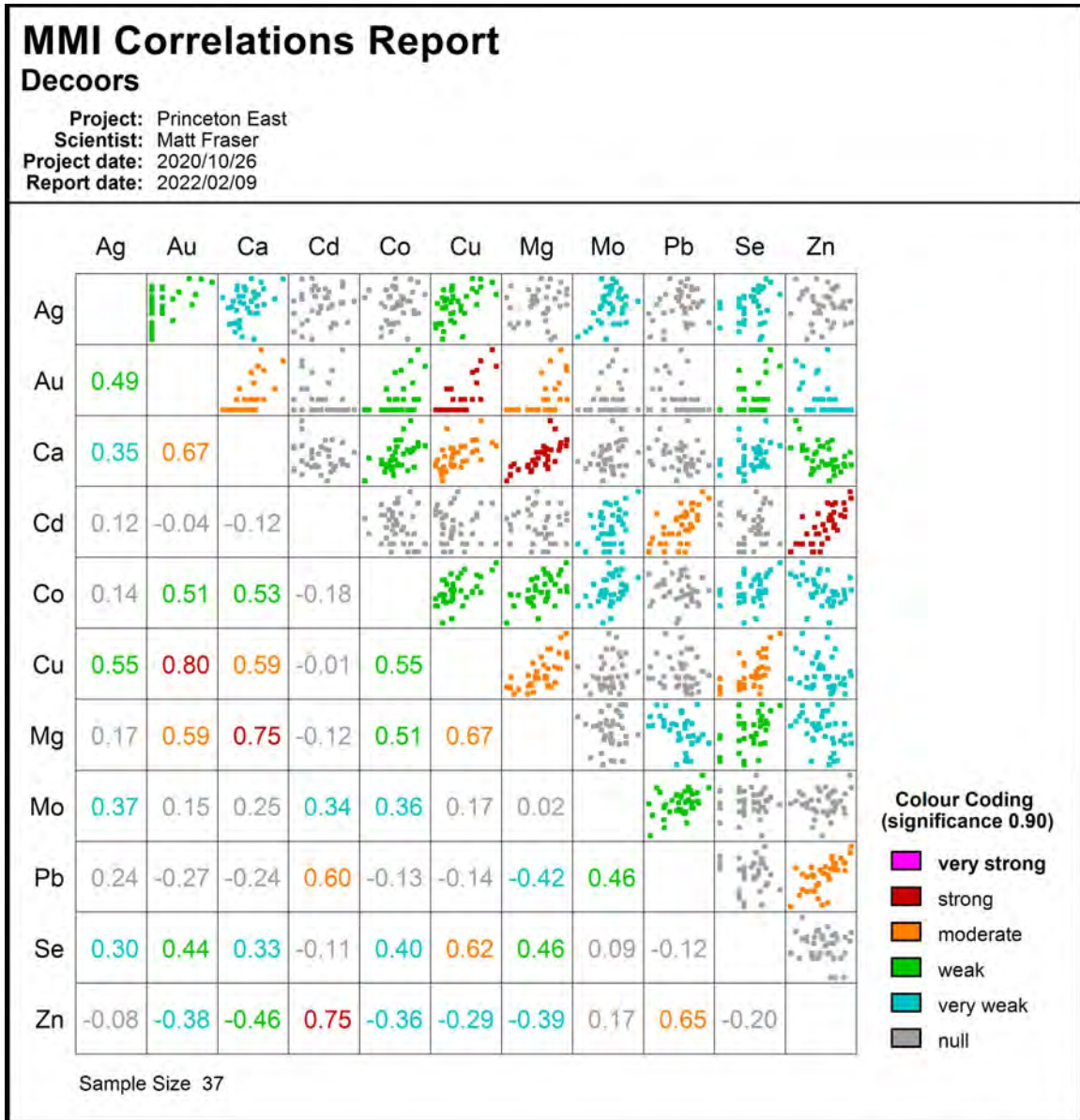
A summary of the results is shown in Table 8-1.

Table 8-1. MMI Results

Element	Unit	Samples	Minimum	Maximum	Mean	Standard Deviation
Ag	ppb	37	1.1	61	16.6	15.6
Au	ppb	37	0.05	2.7	0.24	0.5
Ca	ppm	37	97	725	236	124
Cd	ppb	37	2	43	10	9
Co	ppb	37	4	107	30	22
Cu	ppb	37	120	2580	492	541
Mg	ppm	37	7.3	62.6	27.9	15.3
Mo	ppb	37	1	194	28	34
Pb	ppb	37	22	602	163	122
Se	ppb	37	1	31	8	6
Zn	ppb	37	20	2250	485	549

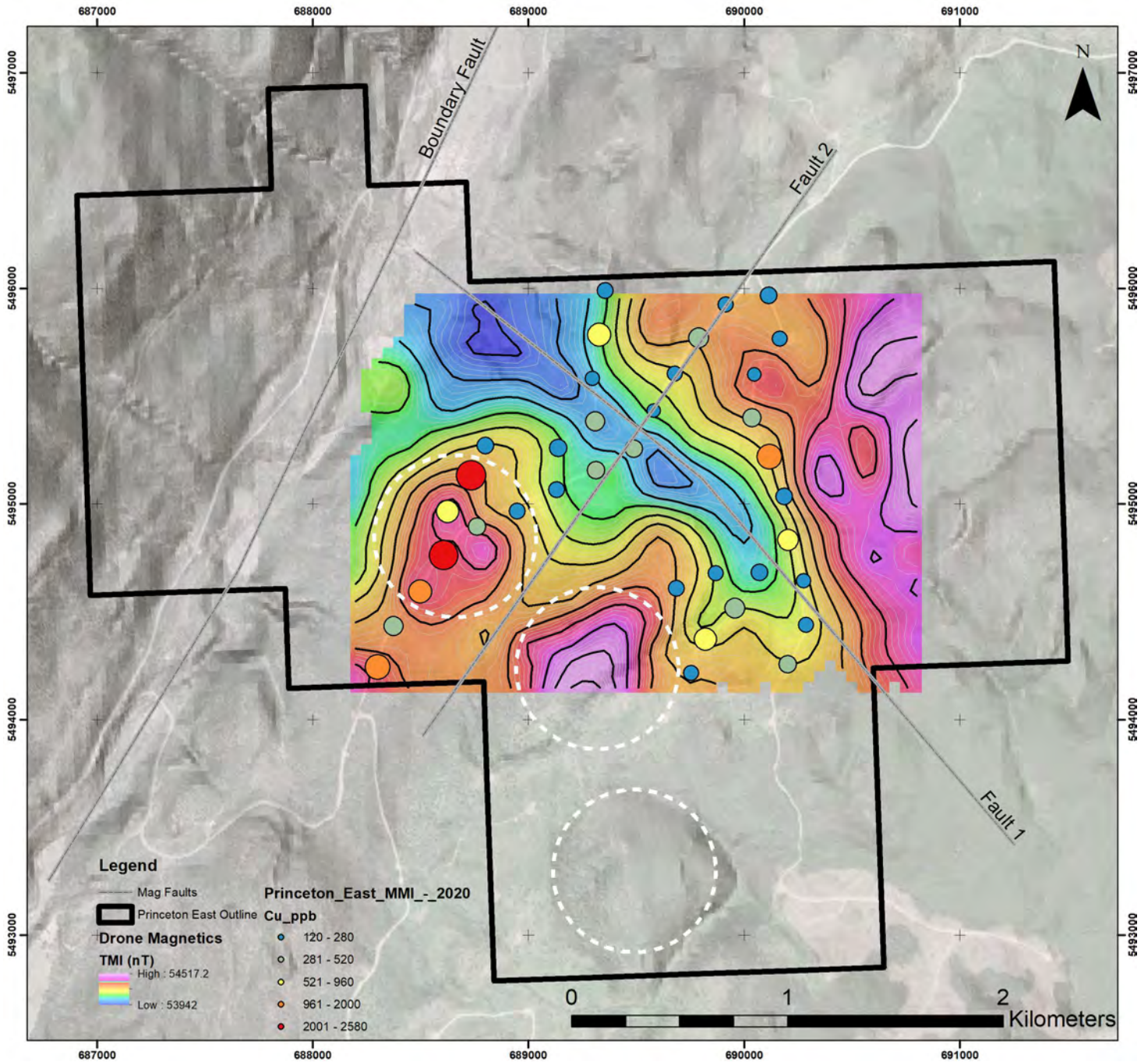
The Multi-Element Pearson Correlation was calculated between all elements analyzed and a correlation plot was made for elements of interest (Table 8-2).

Table 8-2. MMI Correlations Plot



9 DISCUSSION

Figure 9-1 shows the results for MMI Cu overlaying drone magnetics (TMI – nT) and a hillshade map. Analysis of the DEM of the Princeton East area was also made to aid in geophysical interpretations.



Interpretations are as follows:

- 2 magnetic lows identified by the survey have corresponding topographic lows. The first strikes northwest through the survey area and the second strikes northeast. Both are interpreted to be faults. They're referred to as Fault 1 and Fault 2, respectively. Northwest striking Fault 2 parallels the Boundary Fault that runs along Hayes Creek on the topographic map.
- The large magnetic high on the eastern side of the survey is interpreted to be caused by granodiorites of the Osprey batholith.
- 2 circular magnetic highs interpreted as possible intrusions occur within the south/southwestern part of the survey. The western high ("Anomaly 1") is roughly 700m x 650m. It contains MMI samples anomalous for Au, Cu, and Ag. The central high ("Anomaly 2") is roughly 650m x 550m. It was not sampled and remains open to the south. Both features are observed as topographic knobs and are attractive exploration targets.
- A 3rd circular topographic feature ("Anomaly 3") is observed on the DEM map south of the drone mag survey area. Anomaly 3 is 700m x 750m.

The results of the MMI reconnaissance lines are encouraging. Gold correlates strongly with copper. Gold, copper, and silver are anomalous over Anomaly 1.

Zinc correlates with cadmium and lead. Zinc, cadmium, and lead are anomalous on the east along the margin of the Osprey batholith.

The correlation of metals in the MMI reconnaissance samples is suggestive of sulphide mineralization.

10 CONCLUSION

The 2020-21 reconnaissance surveys at Bralorne East warrant follow-up. Geophysical and structural interpretations have resulted in the identification of 3 targets.

The following is recommended:

- 1) Extend the drone mag survey to the southern limits of the claims.
- 2) Complete MMI surveys over Anomalies 1, 2, and 3. Anomaly 1 is the highest priority as it sits between parallel faults and it already has anomalous results.

Table 10-1 displays suggested survey lines.

Table 10-1. MMI Follow Up Recommendations

Target	Line (Northing)	Easting_start	Easting_end	Distance (m)	# Samples
Anomaly 1	5494500	688350	688950	600	13
	5494600	688350	688950	600	13
	5494700	688350	688950	600	13
	5494800	688350	688950	600	13
	5494900	688350	688950	600	13
	5495000	688350	688950	600	13
	5495100	688350	688950	600	13
	5495200	688350	688950	600	13
	Anomaly 2	5493900	688950	689600	650
5494000		688950	689600	650	14
5494100		688950	689600	650	14
5494200		688950	689600	650	14
5494300		688950	689600	650	14
5494400		688950	689600	650	14
5494500		688950	689600	650	14
Anomaly 3		5492900	689100	689900	800
	5493000	689100	689900	800	17
	5493100	689100	689900	800	17
	5493200	689100	689900	800	17
	5493300	689100	689900	800	17
	5493400	689100	689900	800	17
	5493500	689100	689900	800	17
	5493600	689100	689900	800	17
Total:					338

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*All Assessment Reports are available on-line at: <http://aris.empr.gov.bc.ca/>

Minfile descriptions are available on-line at: <http://minfile.gov.bc.ca/searchbasic.aspx>

APPENDIX 1 – STATEMENT OF COSTS

Exploration Work Type	Comment	Days			Totals
MMI Survey					
Decoors Mining Corp.	Field Days (list actual days)	Days	Rate	Subtotal*	
Exploration Manager/Matt Fraser	2020-10-26 + 1 day mob/de-mob	2	\$ 550.00	\$ 1,100.00	
Field Assistant/Ryan Dix	2020-10-26 + 1 day mob/de-mob	2	\$ 450.00	\$ 900.00	
Field Assistant/James Fraser	2020-10-26 + 1 day mob/de-mob	2	\$ 450.00	\$ 900.00	
					\$ 2,900.00
Drone Mag Survey					
Decoors Mining Corp.	Field Days (list actual days)	Days	Rate	Subtotal*	
Exploration Manager/Matt Fraser	2021-10-24 + 1 day mob/de-mob	2	\$ 550.00	\$ 1,100.00	
Field Assistant/Ryan Dix	2021-10-24 + 1 day mob/de-mob	2	\$ 450.00	\$ 900.00	
Field Assistant/James Fraser	2021-10-24 + 1 day mob/de-mob	2	\$ 450.00	\$ 900.00	
					\$ 2,900.00
Analytical					
Shipping			\$ 50.00	\$ 50.00	
SGS Labs	MMI Analysis	37	\$ 52.13	\$ 1,928.91	
					\$ 1,978.91
Geophysical					
Drone Mag	\$50/km	22.7	\$ 50.00	\$ 1,135.00	
Ground Mag	\$100/day	2	\$ 100.00	\$ 100.00	
					\$ 1,235.00
Office					
	Personnel	Days	Rate	Subtotal*	
DEM analysis			\$ 250.00	\$ 250.00	
Regional magnetics analysis			\$ 200.00	\$ 200.00	
Interpretation, Maps, and Reporting	Matt Fraser		\$ 2,000.00	\$ 2,000.00	
					\$ 2,450.00
Transportation					
	Comment	Days	Rate		
Ford F350	Truck rental	4	\$ 100.00	\$ 400.00	
Toyota Tacoma	Truck rental	4	\$ 100.00	\$ 400.00	
Fuel (Trucks)	Fuel receipts		\$ 500.00	\$ 500.00	
					\$ 1,300.00
Accomodation & Food					
	Comment	Days	Rate		
Crew Room & Board	Man days	12	\$ 150.00	\$ 1,800.00	
					\$ 1,800.00
Equipment					
GPS, Field Laptops, inReach, etc.		4	\$ 75.00	\$ 300.00	
Radios		4	\$ 25.00	\$ 100.00	
					\$ 400.00
Management Fee					
Project Management Fee				15%	
					\$ 2,244.59
TOTAL EXPENDITURES					\$ 17,208.50

APPENDIX 2 – STATEMENT OF QUALIFICATIONS

I, Matt Fraser, do hereby certify that:

I am an employee of Decoors Mining Corp. and currently reside at Apt 103, 3017 Oak St, Vancouver, B.C.

I am a graduate of the University of Victoria with a Bachelor of Science (BSc., 2009).

I have worked continuously in Mineral Exploration in Canada since 2005 as a prospector, field hand, exploration manager, and camp manager.

I am responsible for the preparation of the report entitled 'Geochemical and Geophysical Work Performed on the Princeton East Property: October 2020-21' – including the conclusions reached, and the recommendations made.

I was directly involved with conducting the work presented in this Assessment Report.

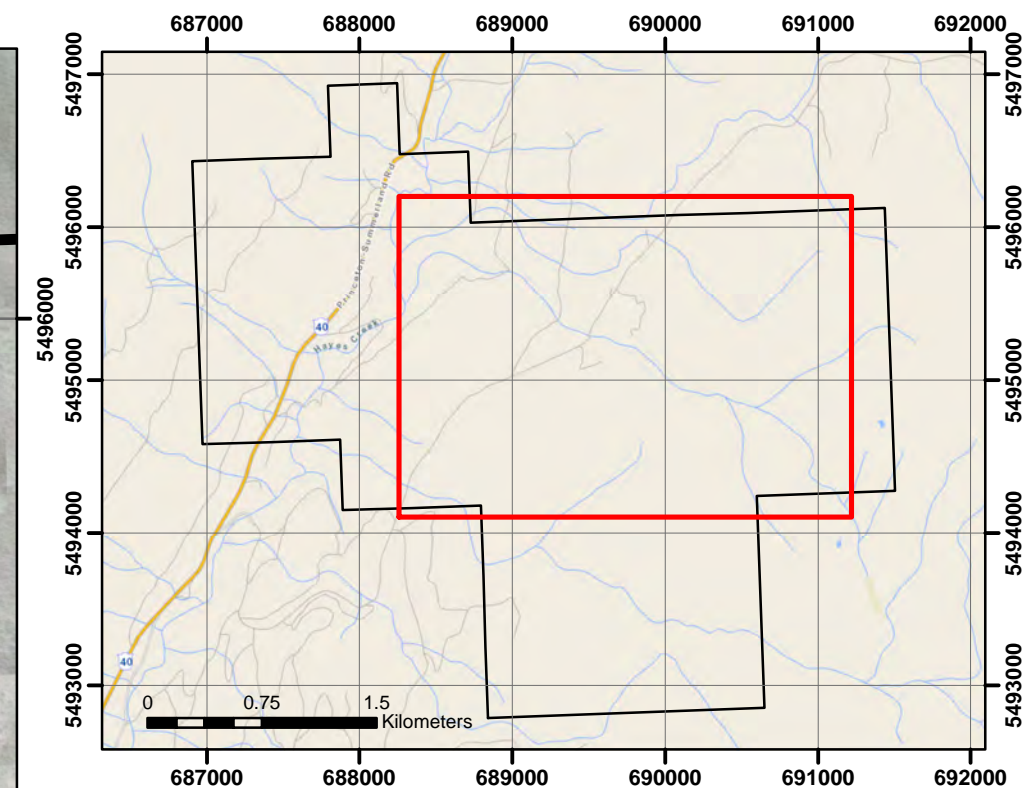
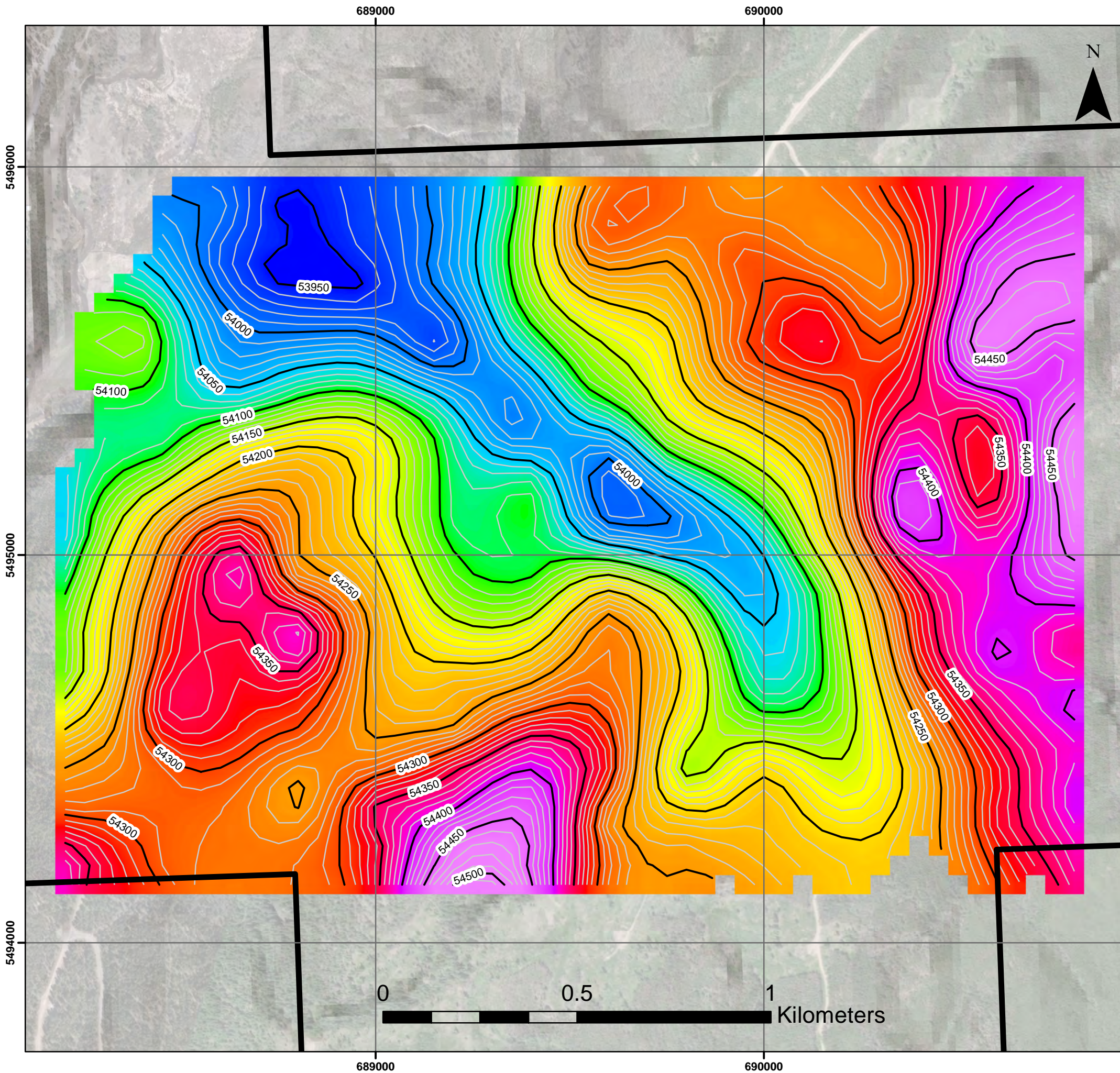
As of the date of the certificate, to the best of my knowledge, the technical report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading.

Dated this 9th of February, 2022

X 

Matt Fraser
Exploration Manager

APPENDIX 3 – DRONE MAG MAPS



Legend

Princeton East Outline

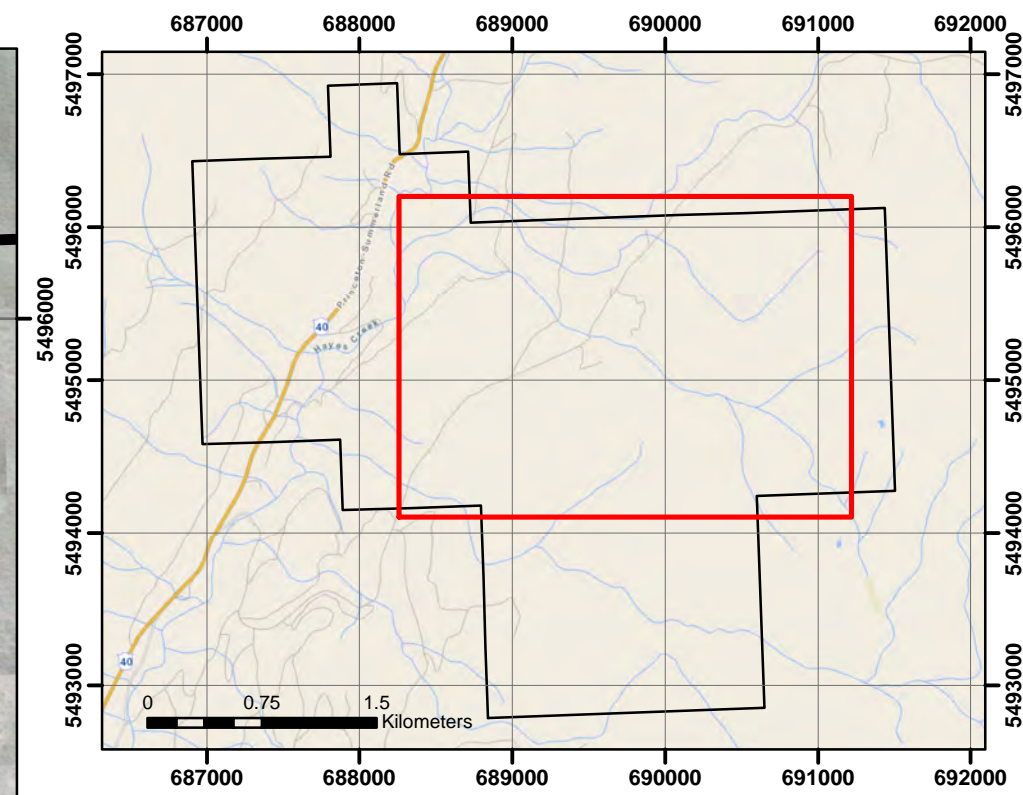
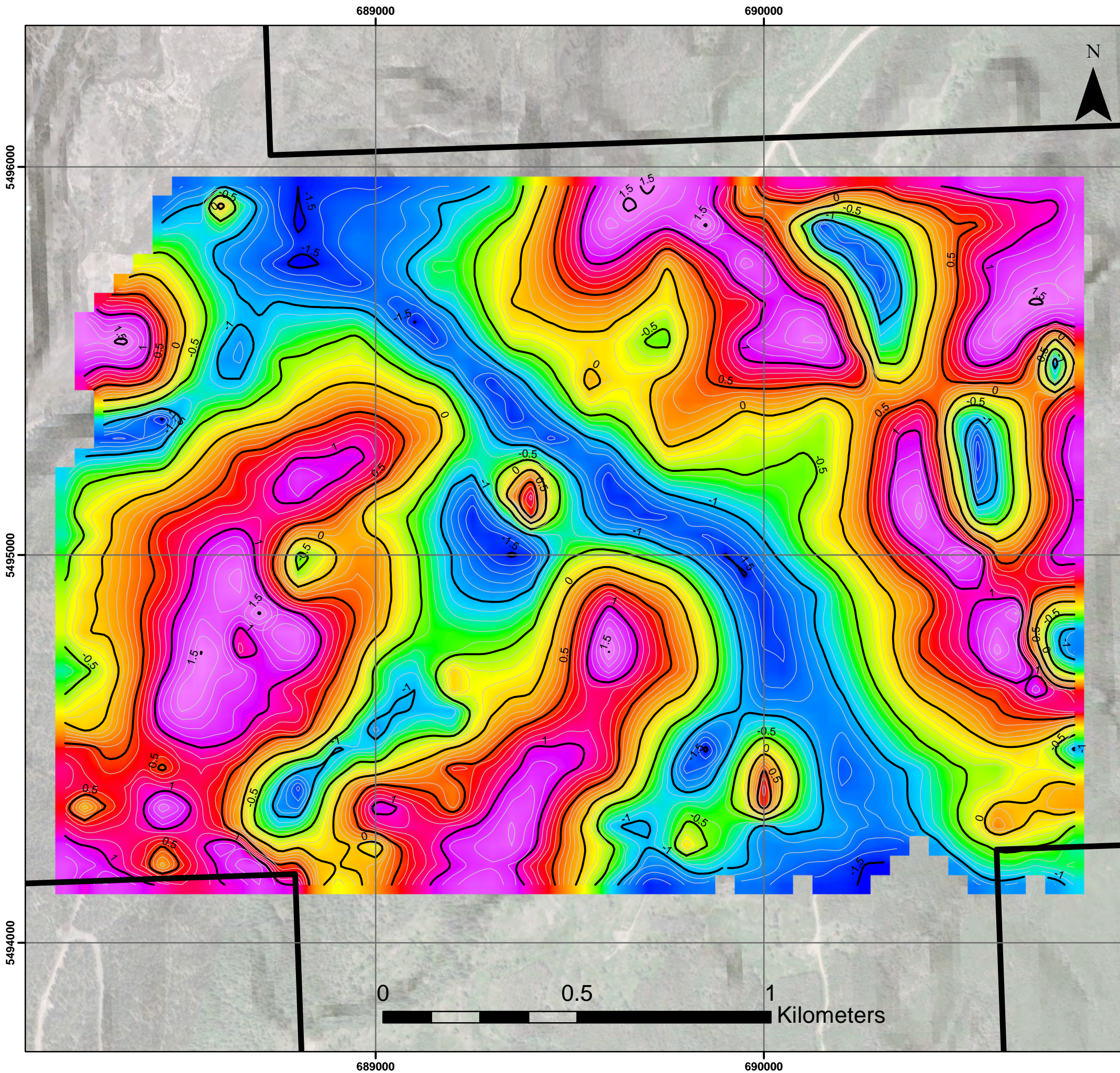
Drone Magnetics

TMI (nT)

High : 54517.2

Low : 53942

Decoors Mining Corp.		
Princeton East Property Similkameen Mining Division Total Magnetic Field (TMI – nT)		
Datum: NAD83	Projection: UTM Zone 10	Appendix 3-1
Date: 08/02/2022	Drawn by: Matt Fraser	



Legend

Princeton East Outline

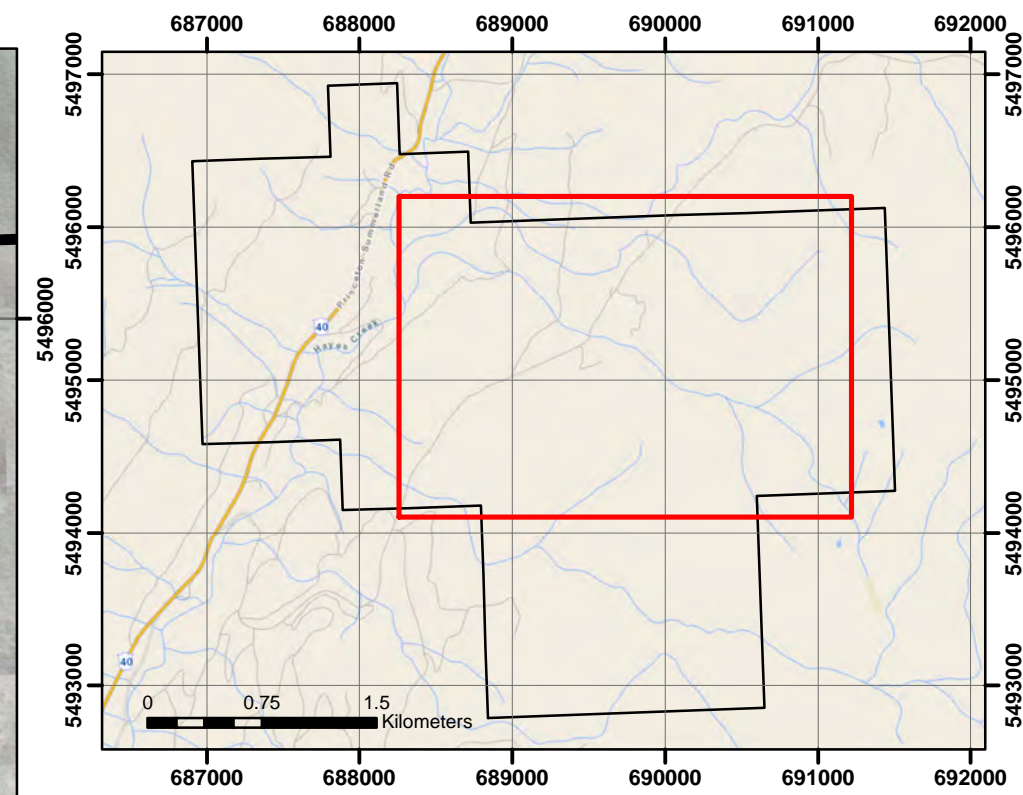
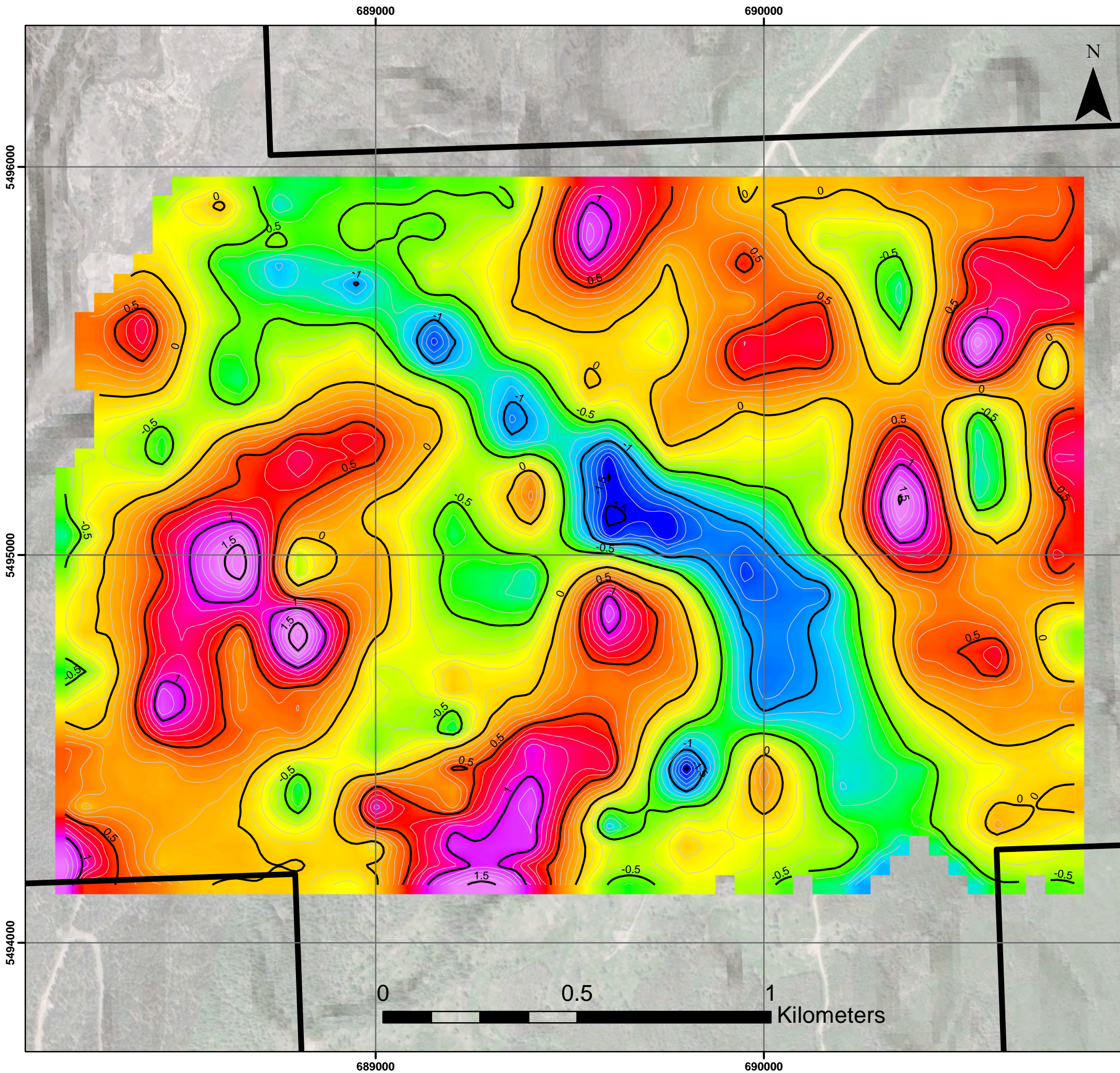
Drone Magnetics

TDR (nT/m)

High : 1.55643

Low : -1.54957

Decoors Mining Corp.		
Princeton East Property Similkameen Mining Division Tilt Derivative (TDR – nT/m)		
Datum: NAD83	Projection: UTM Zone 10	Appendix 3-2
Date: 08/02/2022	Drawn by: Matt Fraser	



Legend

Princeton East Outline

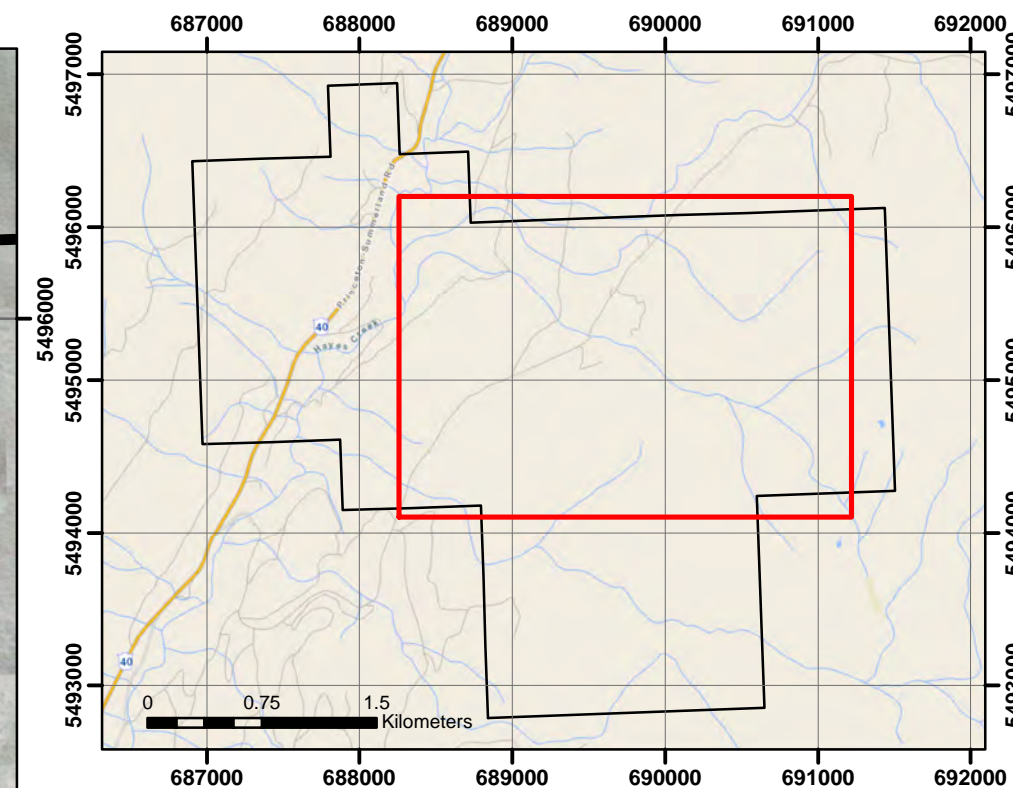
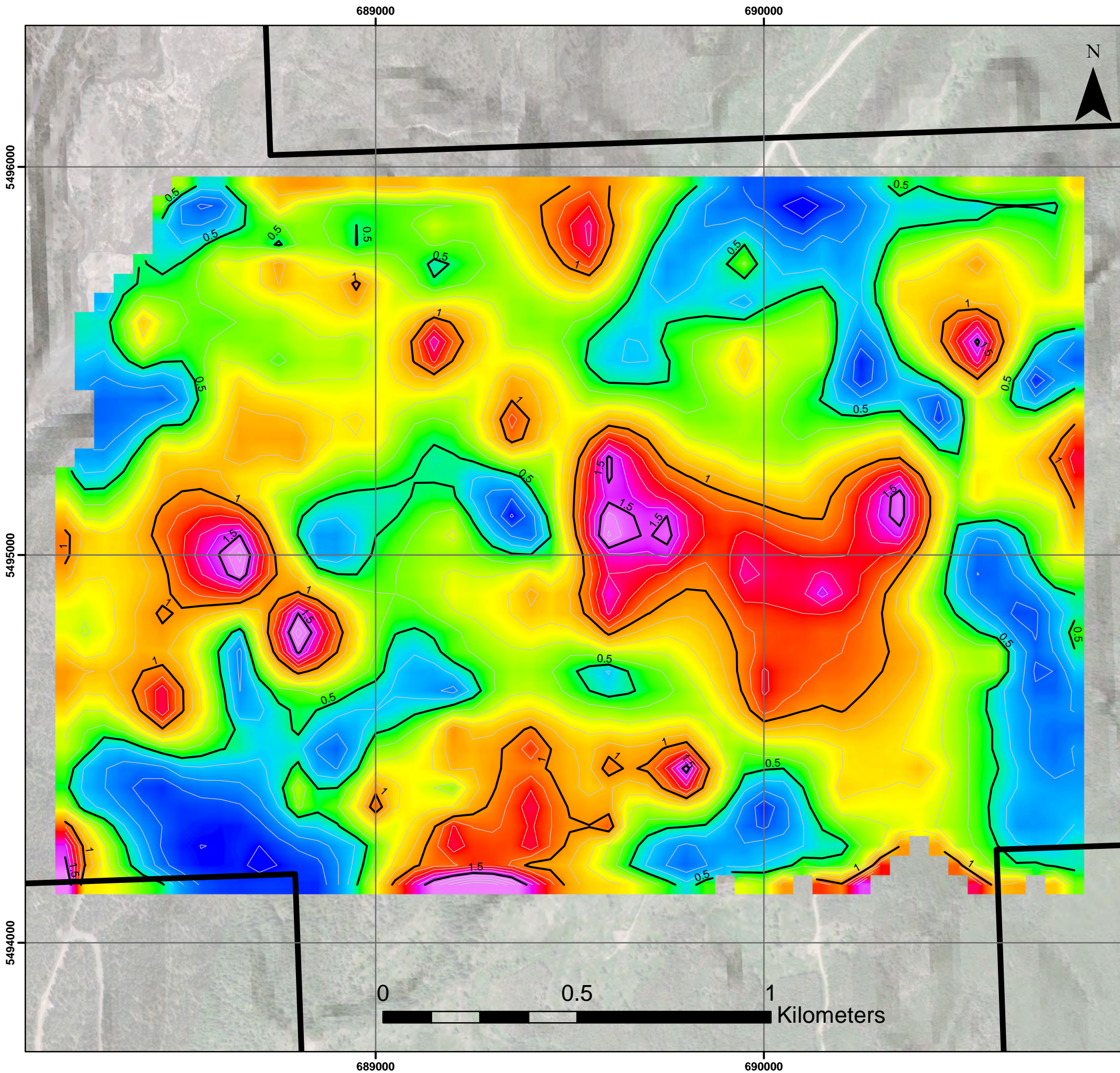
Drone Magnetics

First Derivative (nT/m)

High : 1.74041

Low : -1.57246

Decoors Mining Corp.		
Princeton East Property Similkameen Mining Division First Derivative (FVD – nT/m)		
Datum: NAD83	Projection: UTM Zone 10	Appendix 3-3
Date: 08/02/2022	Drawn by: Matt Fraser	



Legend

Princeton East Outline

Drone Magnetics

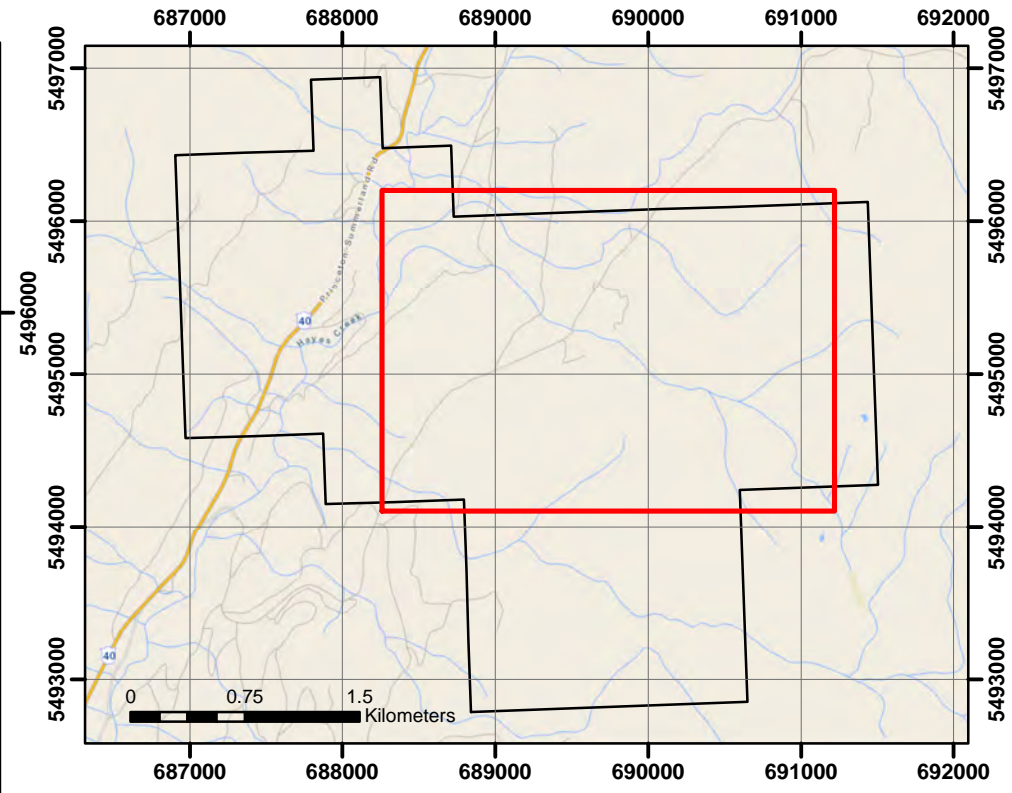
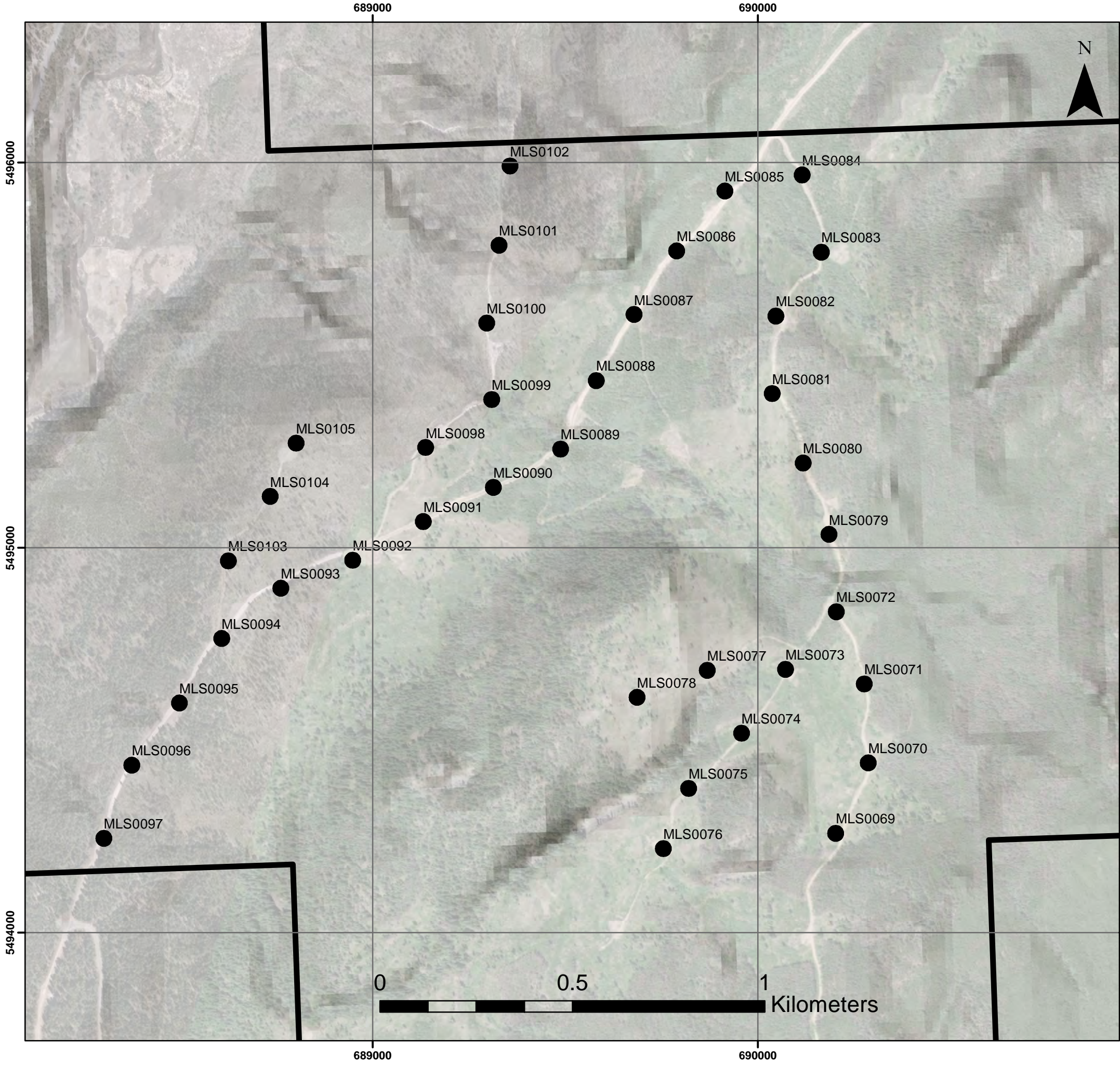
Analytic Signal (AS - nT/m)

High : 1.99829



Low : 0.0330108

Decoors Mining Corp.		
Princeton East Property Similkameen Mining Division Analytic Signal (AS – nT/m)		
Datum: NAD83	Projection: UTM Zone 10	Appendix 3-4
Date: 08/02/2022	Drawn by: Matt Fraser	

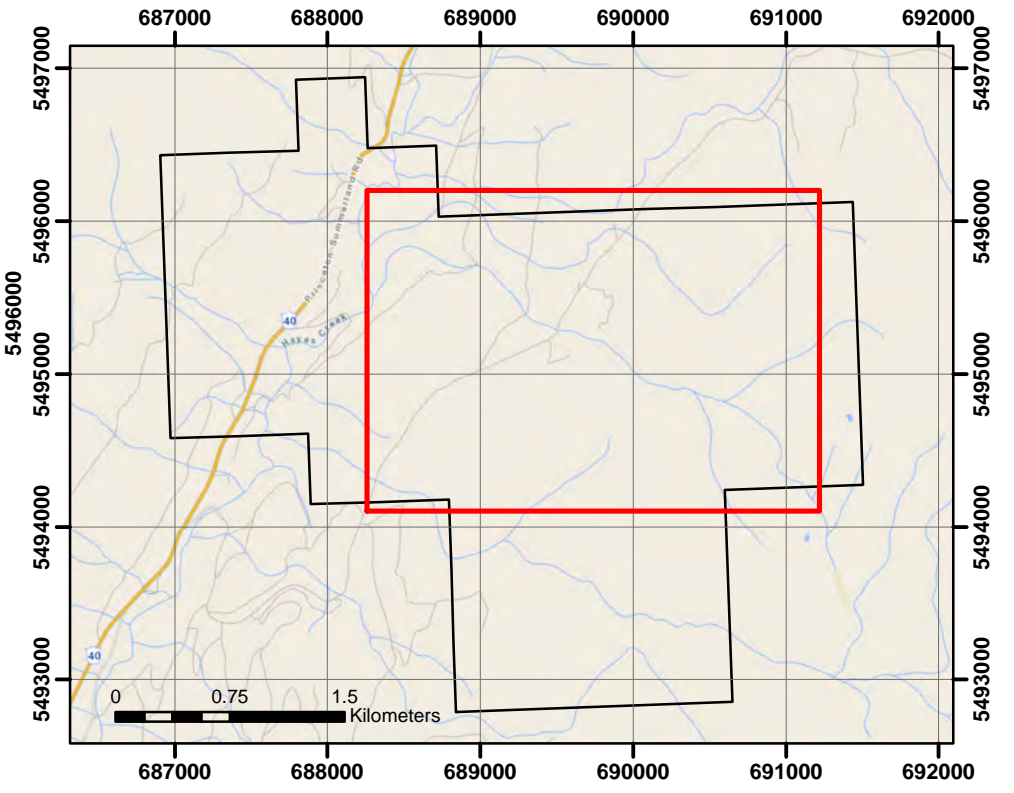
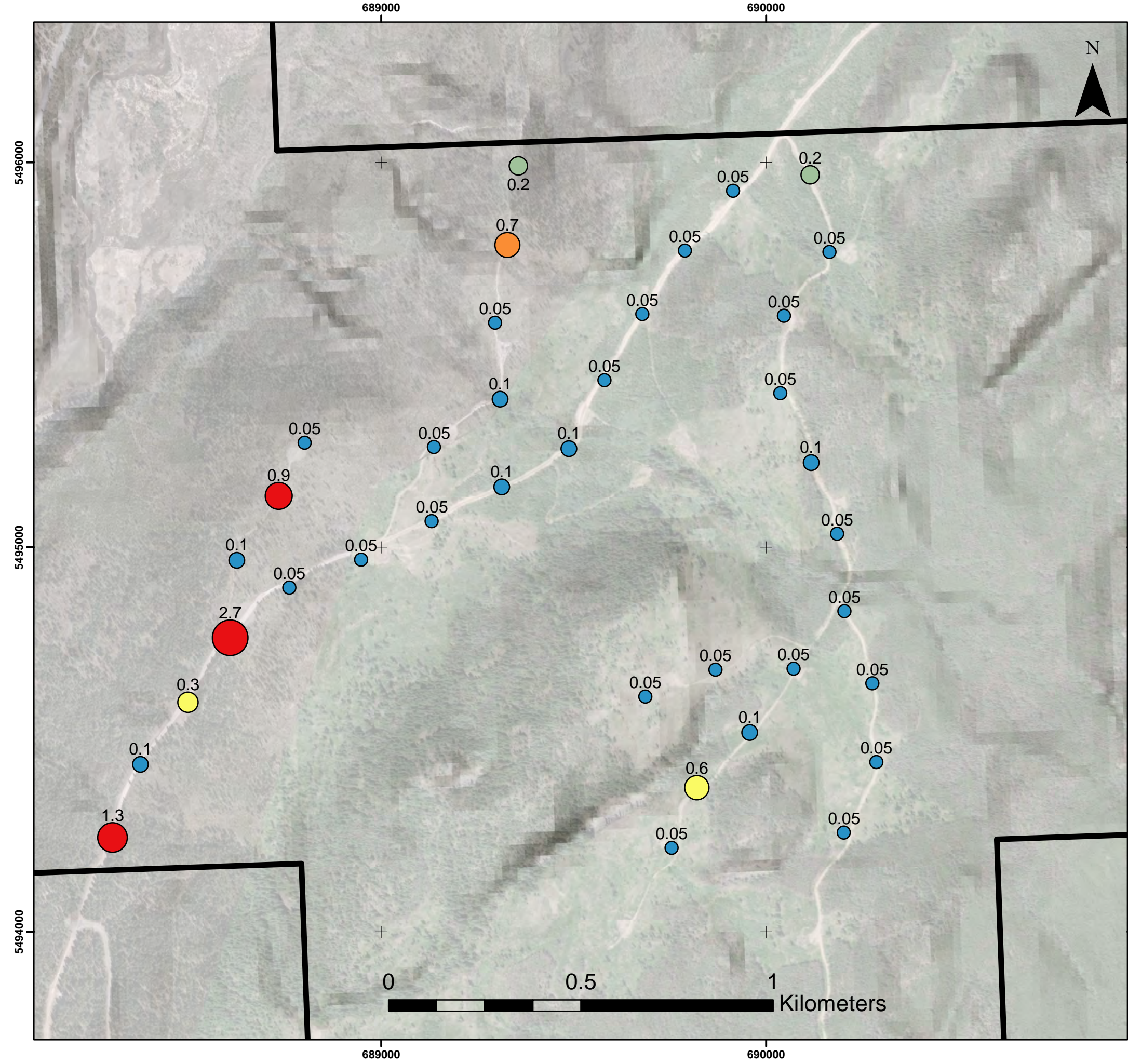
APPENDIX 4 – MMI MAPS



Legend

-  Princeton East Outline
-  Princeton East MMI Samples

Decoors Mining Corp.		
Princeton East Property Similkameen Mining Division MMI: Sample Locations		
Datum: NAD83	Projection: UTM Zone 10	Appendix 4-1
Date: 08/02/2022	Drawn by: Matt Fraser	



Legend

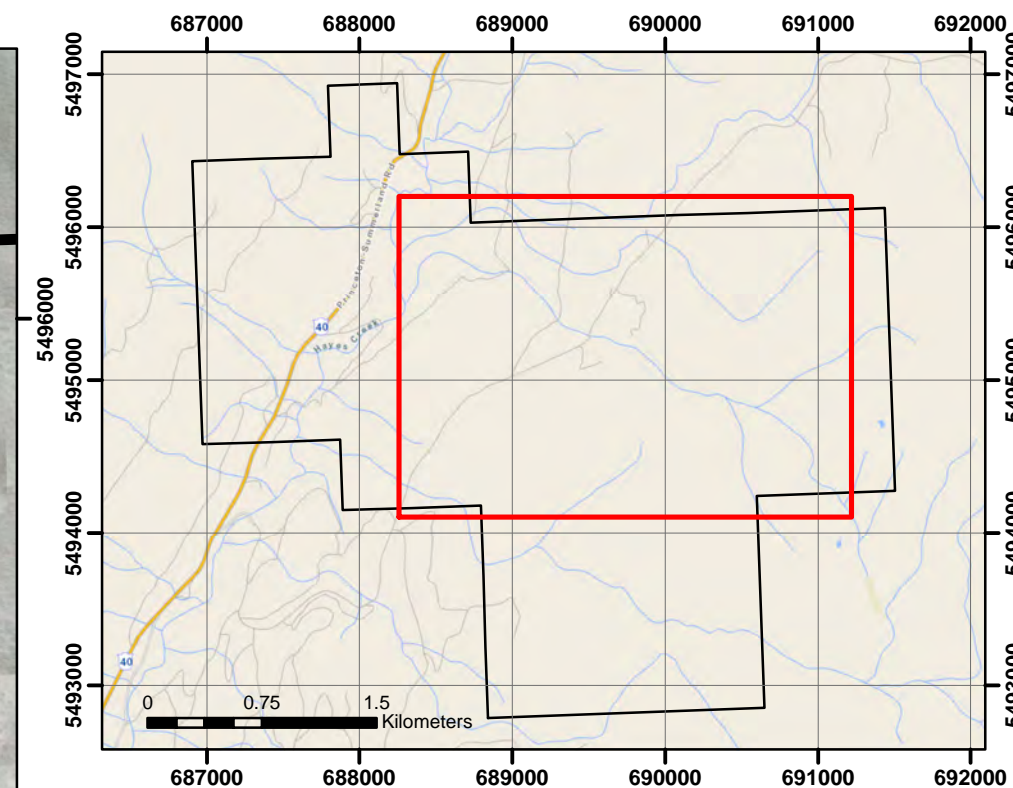
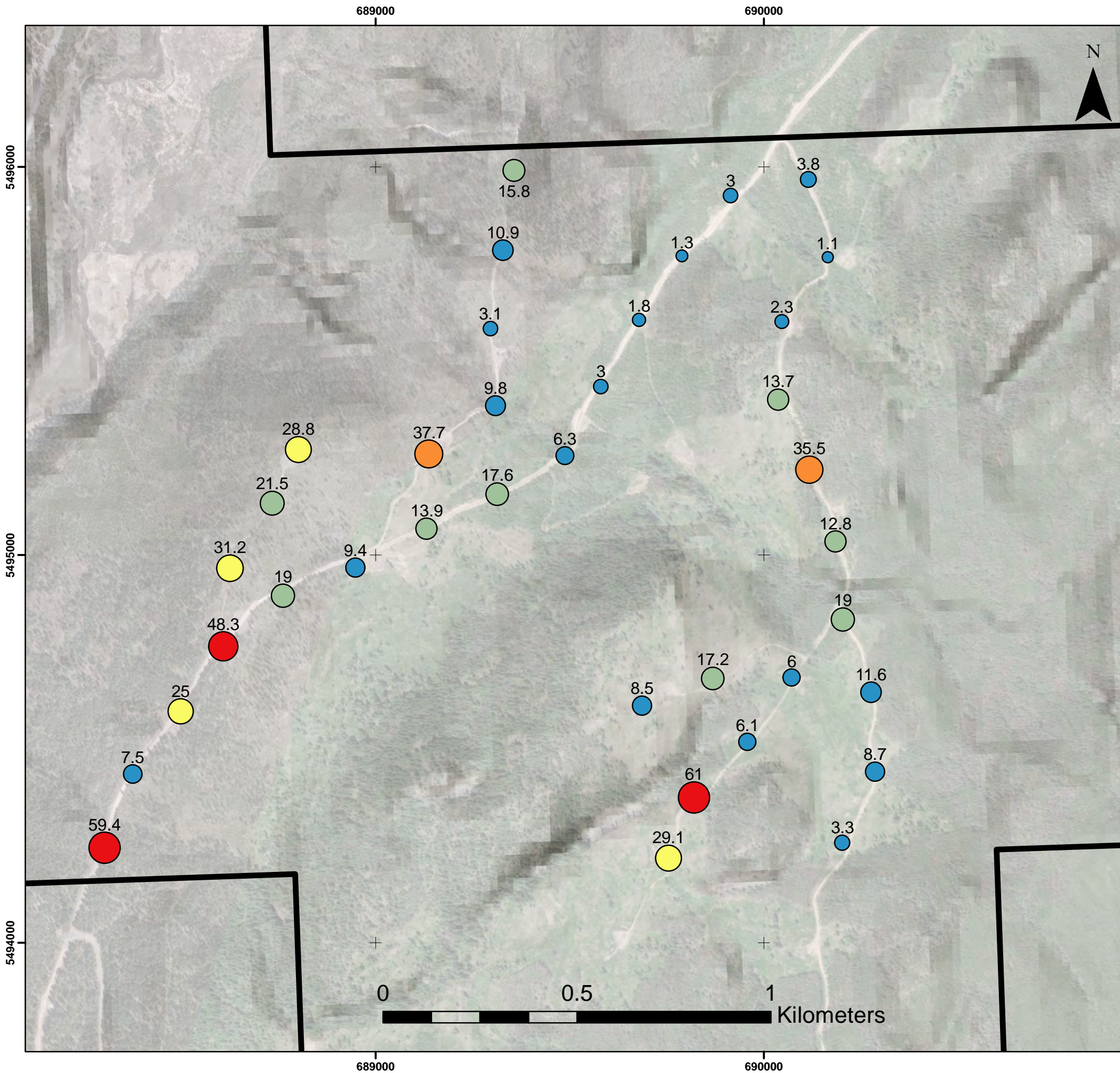
Princeton East Outline

Princeton East MMI

Au_ppb

- 0.05 - 0.10
- 0.11 - 0.20
- 0.21 - 0.60
- 0.61 - 0.80
- 0.81 - 2.70

Decoors Mining Corp.		
Princeton East Property Similkameen Mining Division MMI: Au (ppb)		
Datum: NAD83	Projection: UTM Zone 10	Appendix 4-2
Date: 08/02/2022	Drawn by: Matt Fraser	



Legend

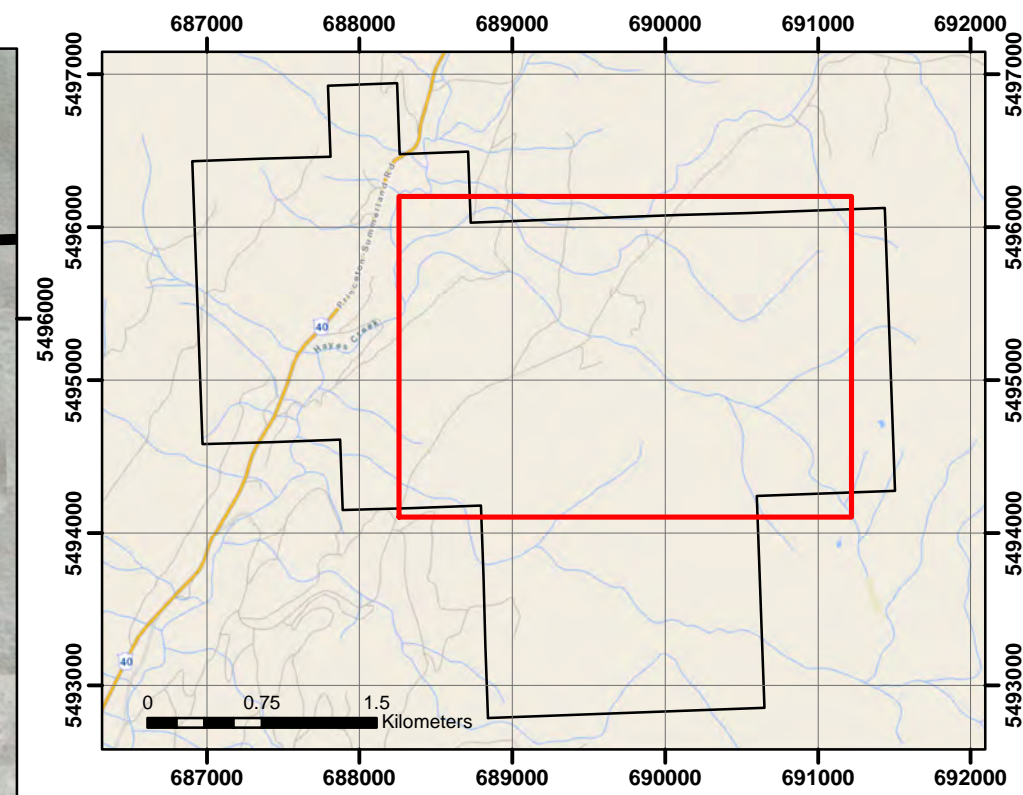
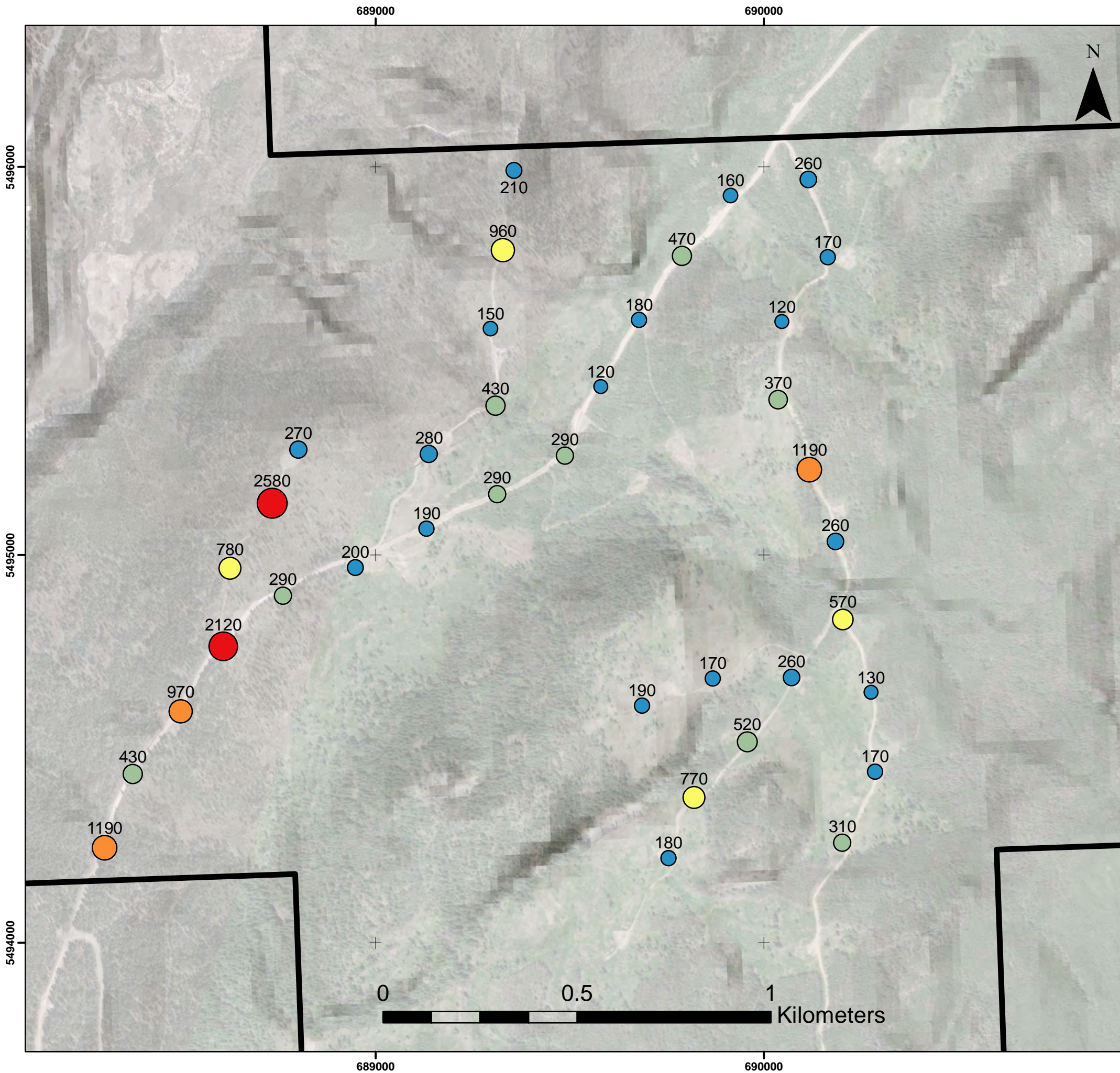
Princeton East Outline

Princeton_East_MMI_-_2020

Ag_ppb

- 1.10 - 12.00
- 12.01 - 22.00
- 22.01 - 32.00
- 32.01 - 45.00
- 45.01 - 61.00

Decoors Mining Corp.		
Princeton East Property Similkameen Mining Division MMI: Ag (ppb)		
Datum: NAD83	Projection: UTM Zone 10	Appendix 4-3
Date: 08/02/2022	Drawn by: Matt Fraser	



Legend

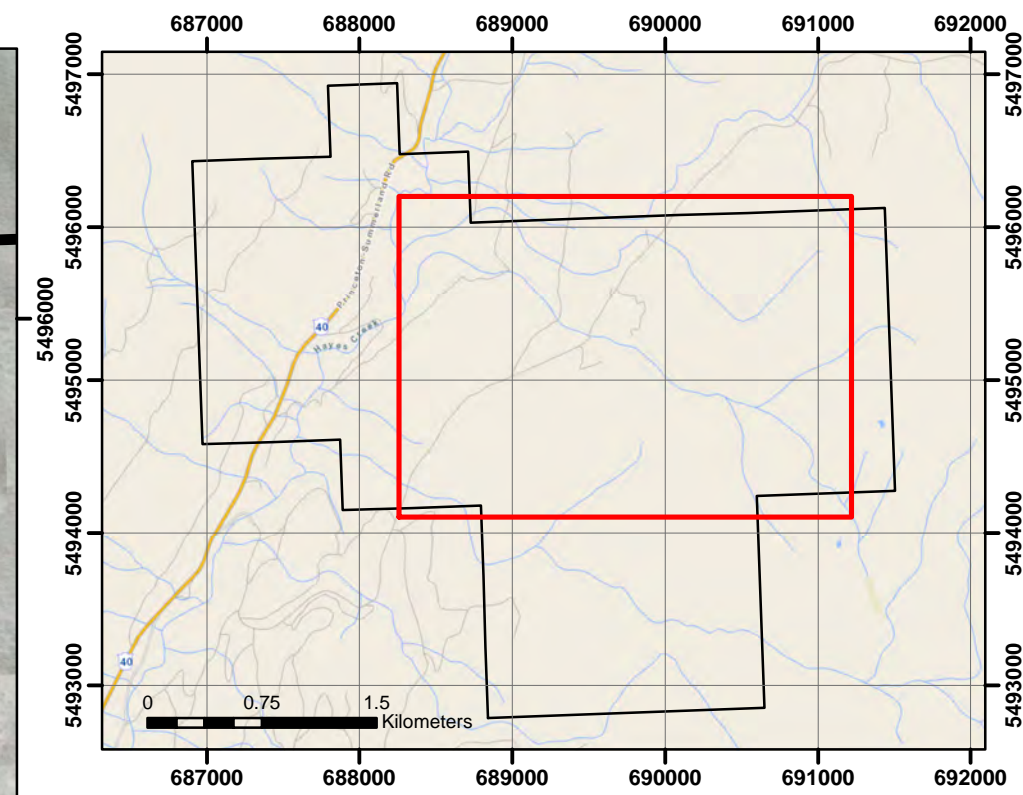
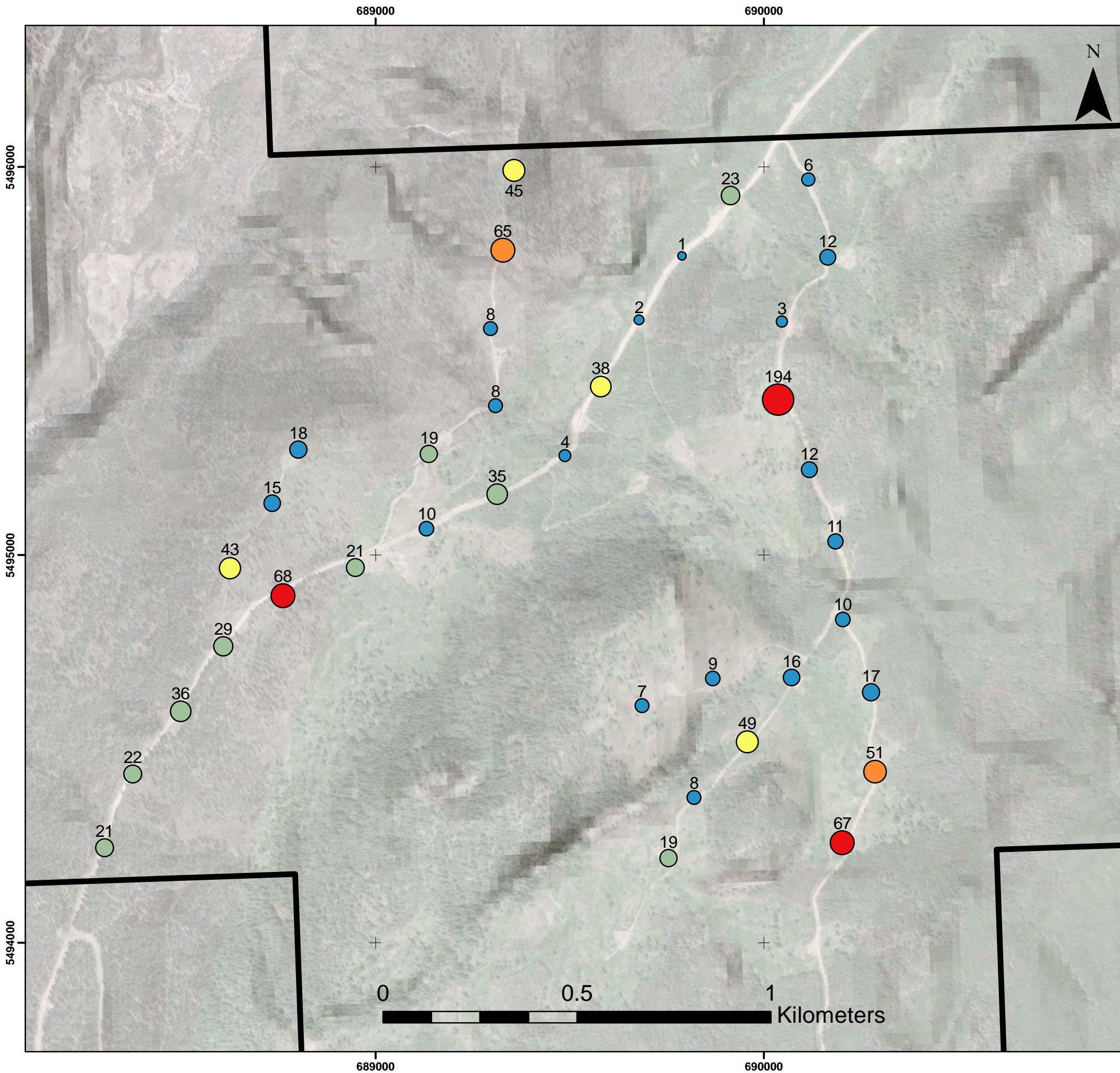
Princeton East Outline

Princeton_East_MMI_-_2020

Cu_ppb

- 120 - 280
- 281 - 520
- 521 - 960
- 961 - 2000
- 2001 - 2580

Decoors Mining Corp.		
Princeton East Property Similkameen Mining Division MMI: Cu (ppb)		
Datum: NAD83	Projection: UTM Zone 10	Appendix 4-4
Date: 08/02/2022	Drawn by: Matt Fraser	



Legend

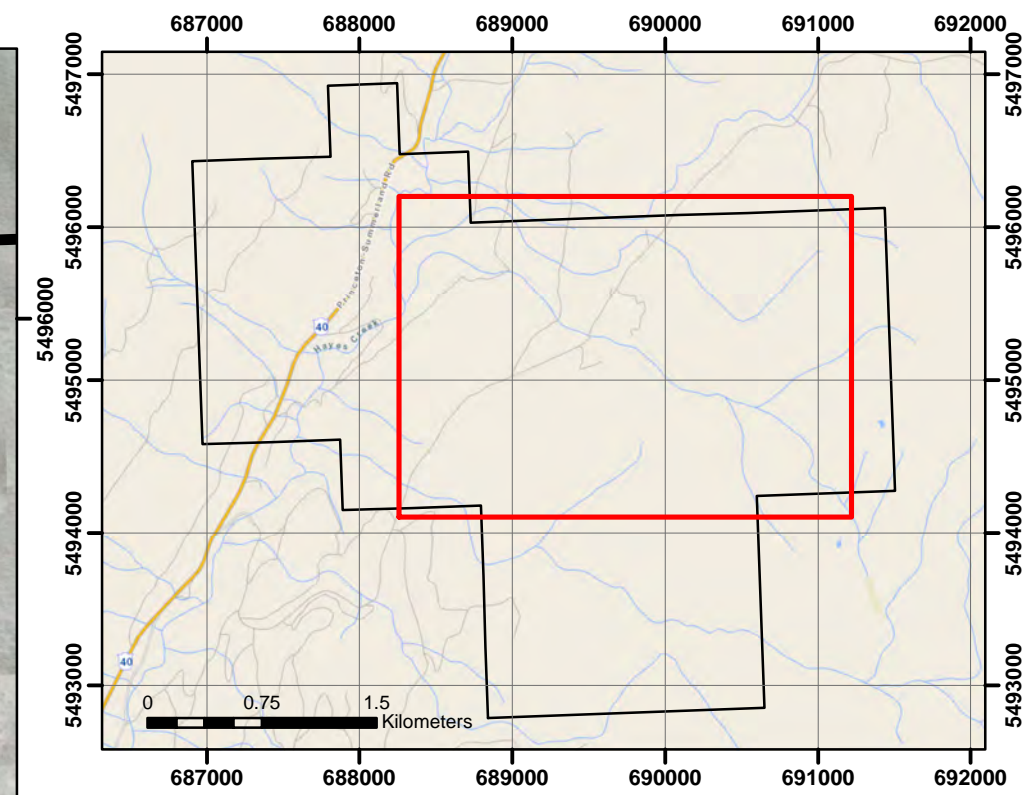
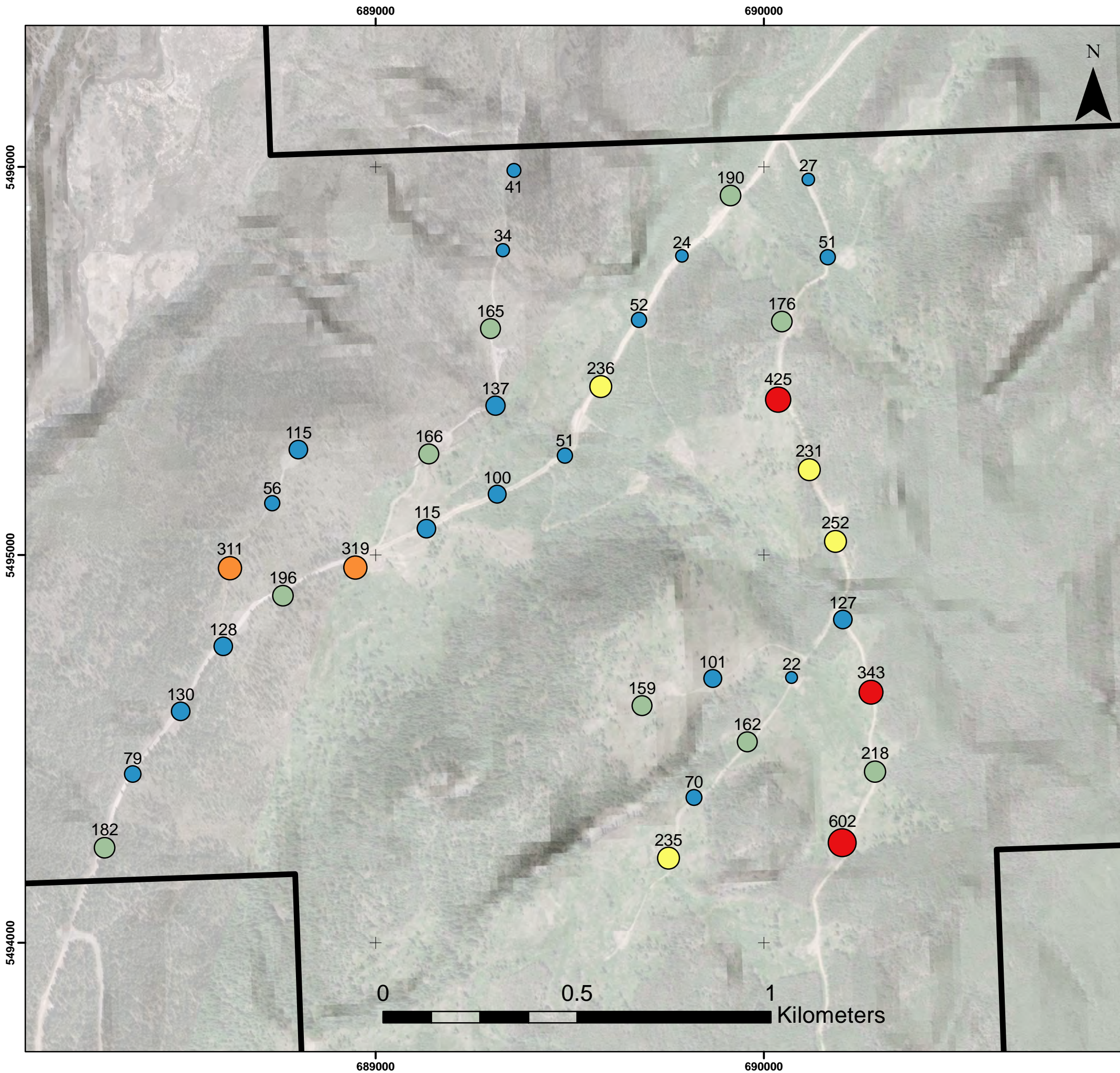
Princeton East Outline

Princeton_East_MMI_-_2020

Mo_ppb

- 1 - 18
- 19 - 36
- 37 - 50
- 51 - 66
- 67 - 194

Decoors Mining Corp.		
Princeton East Property Similkameen Mining Division MMI: Mo (ppb)		
Datum: NAD83	Projection: UTM Zone 10	Appendix 4-5
Date: 08/02/2022	Drawn by: Matt Fraser	



Legend

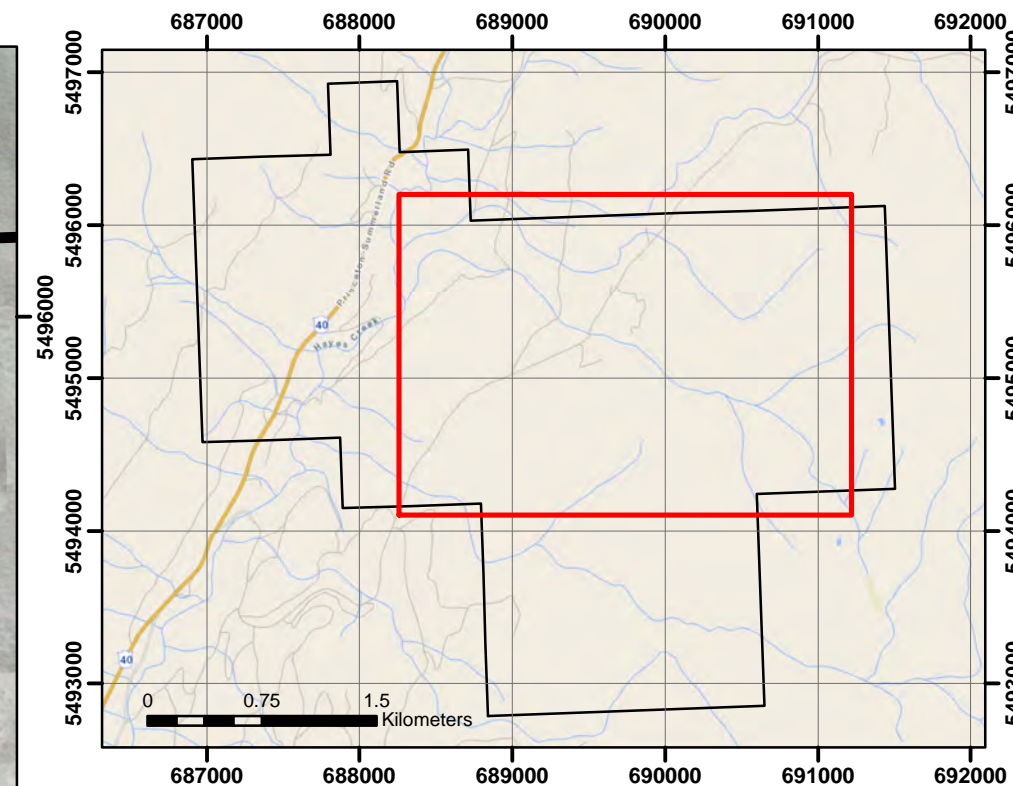
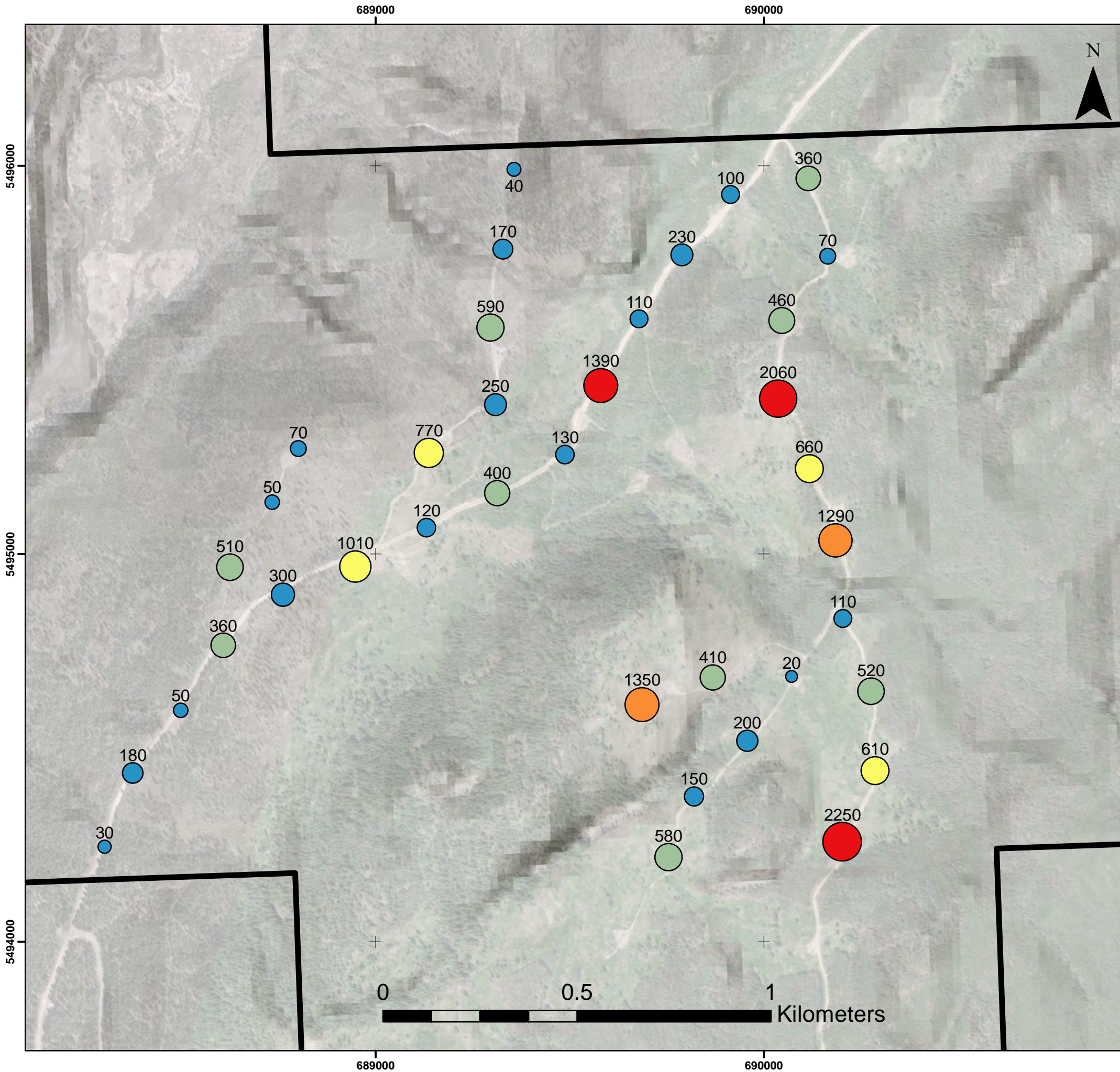
Princeton East Outline

Princeton East MMI - 2020

Pb_ppb

- 22 - 140
- 141 - 225
- 226 - 275
- 276 - 325
- 326 - 602

Decoors Mining Corp.		
Princeton East Property Similkameen Mining Division MMI: Pb (ppb)		
Datum: NAD83	Projection: UTM Zone 10	Appendix 4-6
Date: 08/02/2022	Drawn by: Matt Fraser	



Legend

Princeton East Outline

Princeton_East_MMI_-_2020

Zn_ppb

- 20 - 300
- 301 - 600
- 601 - 1100
- 1101 - 1375
- 1376 - 2250

Decoors Mining Corp.		
Princeton East Property Similkameen Mining Division MMI: Zn (ppb)		
Datum: NAD83	Projection: UTM Zone 10	Appendix 4-7
Date: 08/02/2022	Drawn by: Matt Fraser	

APPENDIX 5 – MMI SAMPLE DESCRIPTIONS

Sample	Easting	Northing	Sample Depth
MLS0069	690203	5494258	10-25 cm
MLS0070	690287	5494441	10-25 cm
MLS0071	690277	5494646	10-25 cm
MLS0072	690204	5494833	10-25 cm
MLS0073	690071	5494684	10-25 cm
MLS0074	689957	5494518	10-25 cm
MLS0075	689821	5494375	10-25 cm
MLS0076	689755	5494218	10-25 cm
MLS0077	689869	5494681	10-25 cm
MLS0078	689686	5494611	10-25 cm
MLS0079	690185	5495034	10-25 cm
MLS0080	690117	5495219	10-25 cm
MLS0081	690037	5495400	10-25 cm
MLS0082	690047	5495601	10-25 cm
MLS0083	690165	5495767	10-25 cm
MLS0084	690115	5495967	10-25 cm
MLS0085	689915	5495926	10-25 cm
MLS0086	689789	5495770	10-25 cm
MLS0087	689679	5495605	10-25 cm
MLS0088	689580	5495434	10-25 cm
MLS0089	689488	5495256	10-25 cm
MLS0090	689313	5495157	10-25 cm
MLS0091	689131	5495067	10-25 cm
MLS0092	688948	5494967	10-25 cm
MLS0093	688761	5494894	10-25 cm
MLS0094	688608	5494764	10-25 cm
MLS0095	688497	5494596	10-25 cm
MLS0096	688374	5494435	10-25 cm
MLS0097	688301	5494245	10-25 cm
MLS0098	689137	5495260	10-25 cm
MLS0099	689309	5495384	10-25 cm
MLS0100	689296	5495583	10-25 cm
MLS0101	689328	5495785	10-25 cm
MLS0102	689356	5495991	10-25 cm
MLS0103	688625	5494966	10-25 cm
MLS0104	688734	5495133	10-25 cm
MLS0105	688801	5495271	10-25 cm

APPENDIX 6 – ASSAY CERTIFICATES



ANALYSIS REPORT BBM20-05311

To COD SGS MINERALS - GEOCHEM VANCOUVER
DECOORS- MIKE LEE
SGS CANADA INC
3260 PRODUCTION WAY
BURNABY V5A 4W4
BC
CANADA

Submission Number	*BBY* Decoors/ Princeton SE Claim/	Date Received	27-Oct-2020
37 Soil		Date Analysed	29-Oct-2020 - 07-Nov-2020
Number of Samples	37	Date Completed	10-Nov-2020
		SGS Order Number	BBM20-05311

Methods Summary

Number of Sample	Method Code	Description
37	G_WGH_KG	Weight of samples received
37	GE_DIGMMI	Mobile Metal ION analyses
37	GE_MMIME	Mobile Metal ION enhanced package, ICP-MS

Authorised Signatory

John Chiang
Laboratory Operations
Manager

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

10-Nov-2020 9:56AM BBM_U0004600074

Page 1 of 17

MIN-M_COA_ROW-Last Modified Date: 05-Nov-2019



Submission Number *BBY* Decoors/ Princeton SE Claim/
 37 Soil
 Number of Samples 37

ANALYSIS REPORT BBM20-05311

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	Ag GE_MMIME 0.5 -- ppb	Al GE_MMIME 1 -- ppm m / m	As GE_MMIME 10 -- ppb	Au GE_MMIME 0.1 -- ppb	Ba GE_MMIME 10 -- ppb
MLS0069	0.39	3.3	195	<10	<0.1	1600
MLS0070	0.38	8.7	129	<10	<0.1	680
MLS0071	0.49	11.6	101	<10	<0.1	720
MLS0072	0.67	19.0	33	<10	<0.1	1280
MLS0073	0.72	6.0	8	<10	<0.1	1360
MLS0074	0.67	6.1	19	<10	0.1	1100
MLS0075	0.66	61.0	22	<10	0.6	1800
MLS0076	0.62	29.1	93	<10	<0.1	1650
MLS0077	0.53	17.2	107	<10	<0.1	680
MLS0078	0.45	8.5	103	<10	<0.1	5490
MLS0079	0.50	12.8	100	<10	<0.1	880
MLS0080	0.68	35.5	14	<10	0.1	780
MLS0081	0.57	13.7	123	<10	<0.1	1260
MLS0082	0.42	2.3	124	<10	<0.1	1020
MLS0083	0.60	1.1	30	<10	<0.1	440
MLS0084	0.59	3.8	12	<10	0.2	610
MLS0085	0.47	3.0	124	<10	<0.1	1240
MLS0086	0.95	1.3	5	<10	<0.1	1040
MLS0087	0.84	1.8	20	<10	<0.1	1180
MLS0088	0.50	3.0	155	<10	<0.1	1030
MLS0089	0.74	6.3	10	<10	0.1	950
MLS0090	0.59	17.6	42	<10	0.1	1040
MLS0091	0.66	13.9	30	<10	<0.1	2200
MLS0092	0.42	9.4	135	<10	<0.1	1170
MLS0093	0.39	19.0	100	<10	<0.1	1140
MLS0094	0.52	48.3	23	<10	2.7	1270
MLS0095	0.56	25.0	24	<10	0.3	1310
MLS0096	0.64	7.5	19	<10	0.1	900
MLS0097	0.59	59.4	7	<10	1.3	2430
MLS0098	0.45	37.7	90	<10	<0.1	1640

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Element	Wtkg	Ag	Al	As	Au	Ba
Method	G_WGH_KG	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME
Lower Limit	0.01	0.5	1	10	0.1	10
Upper Limit	--	--	--	--	--	--
Unit	kg	ppb	ppm m / m	ppb	ppb	ppb
MLS0099	0.54	9.8	57	<10	0.1	960
MLS0100	0.64	3.1	64	<10	<0.1	680
MLS0101	0.67	10.9	7	<10	0.7	650
MLS0102	0.65	15.8	5	<10	0.2	1110
MLS0103	0.53	31.2	41	<10	0.1	2920
MLS0104	0.62	21.5	13	<10	0.9	2490
MLS0105	0.65	28.8	42	<10	<0.1	3780
*Rep MLS0083	-	1.3	27	<10	<0.1	350
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10
*Rep MLS0103	-	32.2	43	<10	0.1	2860
*Std AMIS0169	-	6.9	44	<10	0.3	800
*Rep MLS0086	-	0.8	5	<10	0.1	1790

Element	Bi	Ca	Cd	Ce	Co	Cr
Method	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME
Lower Limit	0.5	2	1	2	1	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
MLS0069	1.1	164	31	433	24	14
MLS0070	0.5	117	8	157	19	8
MLS0071	0.5	196	22	219	10	11
MLS0072	0.6	191	3	182	16	24
MLS0073	<0.5	290	2	495	58	28
MLS0074	1.0	307	2	839	74	36
MLS0075	0.6	253	5	173	21	14
MLS0076	0.9	155	7	213	13	17
MLS0077	<0.5	97	11	169	4	5
MLS0078	<0.5	220	12	243	18	13
MLS0079	1.2	171	24	635	24	12
MLS0080	<0.5	197	24	413	21	9

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Element Method Lower Limit Upper Limit Unit	Bi GE_MMIME 0.5 -- ppb	Ca GE_MMIME 2 -- ppm m / m	Cd GE_MMIME 1 -- ppb	Ce GE_MMIME 2 -- ppb	Co GE_MMIME 1 -- ppb	Cr GE_MMIME 1 -- ppb
MLS0081	0.8	251	43	425	47	18
MLS0082	<0.5	171	13	232	10	9
MLS0083	<0.5	273	5	1060	41	22
MLS0084	<0.5	168	4	145	13	11
MLS0085	1.3	121	3	293	19	20
MLS0086	<0.5	186	3	239	10	8
MLS0087	<0.5	146	2	483	17	17
MLS0088	0.9	160	17	213	15	19
MLS0089	<0.5	240	7	235	33	11
MLS0090	0.9	283	10	282	15	12
MLS0091	0.6	138	2	783	42	30
MLS0092	<0.5	131	13	147	12	12
MLS0093	<0.5	165	6	328	30	27
MLS0094	<0.5	348	24	204	72	13
MLS0095	<0.5	270	12	189	54	13
MLS0096	<0.5	154	5	346	59	14
MLS0097	<0.5	725	3	46	49	12
MLS0098	<0.5	157	6	168	18	16
MLS0099	<0.5	305	8	257	23	29
MLS0100	<0.5	142	15	276	18	10
MLS0101	<0.5	384	14	107	29	7
MLS0102	<0.5	549	3	23	33	4
MLS0103	<0.5	378	10	344	22	27
MLS0104	<0.5	314	3	213	107	15
MLS0105	<0.5	207	5	136	5	7
*Rep MLS0083	<0.5	278	6	1130	32	28
*Blk BLANK	<0.5	<2	<1	<2	<1	2
*Rep MLS0103	<0.5	390	10	339	23	27
*Std AMIS0169	<0.5	30	1	600	79	100
*Rep MLS0086	<0.5	180	3	250	4	4

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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIME 0.2 -- ppb	Cu GE_MMIME 10 -- ppb	Dy GE_MMIME 0.5 -- ppb	Er GE_MMIME 0.2 -- ppb	Eu GE_MMIME 0.2 -- ppb	Fe GE_MMIME 1 -- ppm m / m
MLS0069	6.4	310	162	112	18.8	67
MLS0070	4.5	170	16.8	9.7	4.1	38
MLS0071	2.9	130	22.8	13.8	4.6	34
MLS0072	1.1	570	38.0	21.9	12.8	20
MLS0073	1.0	260	16.6	9.9	5.8	54
MLS0074	1.6	520	25.9	16.0	8.2	90
MLS0075	1.5	770	17.6	10.1	5.5	22
MLS0076	4.0	180	13.4	7.6	3.6	45
MLS0077	6.4	170	23.9	14.1	5.4	28
MLS0078	11.9	190	23.6	13.7	5.8	28
MLS0079	2.3	260	15.1	8.3	4.4	39
MLS0080	0.5	1190	24.2	14.5	7.9	9
MLS0081	3.6	370	95.0	62.1	28.1	62
MLS0082	5.5	120	26.5	16.6	6.2	34
MLS0083	1.9	170	69.5	47.5	22.7	74
MLS0084	0.6	260	32.7	18.9	10.7	10
MLS0085	3.0	160	9.6	4.9	2.9	79
MLS0086	<0.2	470	19.6	11.9	7.8	5
MLS0087	0.5	180	24.8	14.7	8.3	20
MLS0088	3.6	120	10.4	6.4	2.9	67
MLS0089	0.4	290	20.4	12.2	7.0	9
MLS0090	0.5	290	21.1	12.6	6.2	22
MLS0091	1.8	190	19.3	10.1	5.7	29
MLS0092	4.5	200	21.8	13.7	4.4	52
MLS0093	3.9	290	21.0	11.2	5.6	48
MLS0094	0.4	2120	38.4	22.0	16.1	19
MLS0095	0.7	970	19.3	11.7	5.4	19
MLS0096	0.7	430	19.7	11.2	5.3	23
MLS0097	<0.2	1190	43.8	25.9	7.4	12
MLS0098	4.9	280	11.2	5.9	2.8	40

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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIME 0.2 -- ppb	Cu GE_MMIME 10 -- ppb	Dy GE_MMIME 0.5 -- ppb	Er GE_MMIME 0.2 -- ppb	Eu GE_MMIME 0.2 -- ppb	Fe GE_MMIME 1 -- ppm m / m
MLS0099	0.9	430	22.8	15.9	5.9	42
MLS0100	1.7	150	8.6	4.8	2.6	23
MLS0101	<0.2	960	16.3	10.9	4.2	11
MLS0102	<0.2	210	5.5	4.5	1.1	5
MLS0103	0.6	780	58.4	35.2	15.1	30
MLS0104	0.3	2580	36.7	23.9	10.4	14
MLS0105	3.0	270	14.3	7.4	4.1	14
*Rep MLS0083	1.7	160	70.5	48.4	22.3	65
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1
*Rep MLS0103	0.7	800	62.3	36.6	16.0	31
*Std AMIS0169	7.1	3110	22.4	10.4	9.1	32
*Rep MLS0086	<0.2	460	20.7	11.4	8.5	5

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIME 0.5 -- ppb	Gd GE_MMIME 0.5 -- ppb	Hg GE_MMIME 1 -- ppb	In GE_MMIME 0.1 -- ppb	K GE_MMIME 0.5 -- ppm m / m	La GE_MMIME 1 -- ppb
MLS0069	13.3	144	<1	0.2	46.1	390
MLS0070	16.5	19.0	<1	0.1	33.7	87
MLS0071	7.6	24.7	<1	<0.1	59.6	99
MLS0072	2.8	54.0	<1	<0.1	18.8	632
MLS0073	1.6	22.9	<1	<0.1	12.4	304
MLS0074	3.3	34.6	<1	<0.1	21.6	334
MLS0075	2.0	25.6	<1	<0.1	22.2	126
MLS0076	7.4	16.3	<1	0.1	33.8	96
MLS0077	12.5	28.6	<1	<0.1	32.1	84
MLS0078	8.7	27.8	<1	<0.1	80.0	112
MLS0079	7.7	19.3	<1	<0.1	60.4	359
MLS0080	1.3	35.7	<1	<0.1	26.4	591

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Element Method Lower Limit Upper Limit Unit	Ga GE_MMIME 0.5 -- ppb	Gd GE_MMIME 0.5 -- ppb	Hg GE_MMIME 1 -- ppb	In GE_MMIME 0.1 -- ppb	K GE_MMIME 0.5 -- ppm m / m	La GE_MMIME 1 -- ppb
MLS0081	8.6	121	<1	0.1	48.2	721
MLS0082	11.2	29.2	<1	<0.1	44.4	113
MLS0083	3.4	97.4	<1	<0.1	17.8	712
MLS0084	0.6	44.1	<1	<0.1	18.0	393
MLS0085	18.4	11.4	<1	0.1	38.8	130
MLS0086	<0.5	31.5	<1	<0.1	15.5	358
MLS0087	1.7	36.0	<1	<0.1	26.5	367
MLS0088	15.5	12.7	<1	0.1	44.1	98
MLS0089	1.0	29.2	<1	<0.1	20.7	216
MLS0090	3.0	29.5	<1	<0.1	58.8	171
MLS0091	3.2	24.5	<1	<0.1	46.2	193
MLS0092	11.1	21.9	<1	0.1	67.4	49
MLS0093	8.7	25.7	<1	0.1	58.3	117
MLS0094	3.6	55.5	<1	<0.1	52.0	127
MLS0095	4.9	25.7	<1	<0.1	50.7	92
MLS0096	4.7	23.4	<1	<0.1	47.6	181
MLS0097	<0.5	45.4	1	<0.1	45.1	12
MLS0098	9.6	12.1	<1	<0.1	41.6	61
MLS0099	5.5	27.0	<1	<0.1	46.8	136
MLS0100	8.5	10.6	<1	<0.1	21.8	112
MLS0101	1.3	21.0	<1	<0.1	35.1	50
MLS0102	0.8	6.2	<1	<0.1	30.7	5
MLS0103	2.6	74.8	<1	<0.1	67.6	208
MLS0104	1.4	49.3	<1	<0.1	25.7	142
MLS0105	5.1	18.7	<1	<0.1	76.7	64
*Rep MLS0083	3.4	93.1	<1	<0.1	19.0	641
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	1
*Rep MLS0103	2.3	80.3	<1	<0.1	71.7	217
*Std AMIS0169	10.3	36.0	<1	<0.1	39.8	361
*Rep MLS0086	<0.5	33.9	<1	<0.1	15.2	383

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME
Lower Limit	1	0.5	100	2	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
MLS0069	5	15.8	12400	67	4.1	522
MLS0070	1	8.3	3800	51	2.0	87
MLS0071	<1	18.8	8200	17	3.2	100
MLS0072	6	18.5	2300	10	3.2	358
MLS0073	9	28.9	13900	16	3.0	173
MLS0074	5	27.0	4500	49	5.9	222
MLS0075	1	25.1	4000	8	1.2	131
MLS0076	2	15.8	5200	19	4.2	85
MLS0077	1	7.3	3100	9	1.4	121
MLS0078	<1	31.4	9300	7	2.6	122
MLS0079	2	20.5	17400	11	4.8	145
MLS0080	<1	31.6	4700	12	1.5	248
MLS0081	12	21.3	16600	194	3.9	635
MLS0082	1	9.4	7600	3	1.9	119
MLS0083	35	35.3	19300	12	2.6	548
MLS0084	7	29.3	3600	6	2.1	262
MLS0085	5	8.3	8500	23	8.3	68
MLS0086	31	40.8	2200	<2	1.1	203
MLS0087	9	31.4	1900	2	2.8	207
MLS0088	5	15.3	26800	38	6.2	71
MLS0089	15	28.6	7200	4	1.9	163
MLS0090	4	30.1	4100	35	1.8	154
MLS0091	2	17.6	5600	10	4.9	141
MLS0092	2	17.2	5600	21	1.9	76
MLS0093	4	20.1	5900	68	4.4	129
MLS0094	2	49.9	11800	29	0.6	199
MLS0095	<1	46.7	6500	36	1.6	117
MLS0096	1	31.4	13300	22	2.8	140
MLS0097	39	34.3	5500	21	0.7	43
MLS0098	2	8.5	7500	19	4.0	60

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Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME
Lower Limit	1	0.5	100	2	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
MLS0099	13	48.9	5300	8	3.5	113
MLS0100	2	11.0	18800	8	3.6	66
MLS0101	9	61.7	10500	65	<0.5	71
MLS0102	9	41.0	6200	45	0.9	9
MLS0103	3	62.6	5800	43	1.6	290
MLS0104	2	60.5	9200	15	0.6	189
MLS0105	<1	22.2	1100	18	1.3	89
*Rep MLS0083	36	35.9	19300	12	2.4	524
*Blk BLANK	<1	<0.5	<100	<2	<0.5	<1
*Rep MLS0103	4	64.9	6100	50	1.7	302
*Std AMIS0169	2	28.5	3000	3	2.1	314
*Rep MLS0086	34	40.5	900	<2	1.0	226

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME
Lower Limit	5	0.1	5	1	0.5	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
MLS0069	40	3.4	602	<1	136	<0.1
MLS0070	30	4.5	218	<1	23.0	<0.1
MLS0071	48	3.1	343	<1	26.7	<0.1
MLS0072	26	1.7	127	<1	113	<0.1
MLS0073	29	1.1	22	<1	51.7	<0.1
MLS0074	49	0.8	162	<1	65.0	<0.1
MLS0075	12	1.0	70	<1	32.9	<0.1
MLS0076	28	4.0	235	<1	23.0	<0.1
MLS0077	22	2.1	101	<1	28.8	<0.1
MLS0078	20	1.9	159	<1	31.3	<0.1
MLS0079	47	8.6	252	<1	50.4	<0.1
MLS0080	25	1.4	231	<1	78.5	<0.1

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Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME
Lower Limit	5	0.1	5	1	0.5	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
MLS0081	53	3.5	425	<1	182	<0.1
MLS0082	31	1.5	176	<1	30.6	<0.1
MLS0083	102	0.3	51	<1	158	<0.1
MLS0084	42	1.1	27	<1	76.5	<0.1
MLS0085	32	16.4	190	<1	20.4	<0.1
MLS0086	29	0.4	24	<1	57.6	<0.1
MLS0087	30	2.5	52	<1	61.6	<0.1
MLS0088	57	11.1	236	<1	20.1	<0.1
MLS0089	61	1.0	51	<1	43.1	<0.1
MLS0090	63	3.2	100	<1	39.6	<0.1
MLS0091	23	6.1	115	<1	40.6	<0.1
MLS0092	74	2.9	319	<1	17.8	<0.1
MLS0093	70	11.5	196	<1	34.6	<0.1
MLS0094	53	1.8	128	<1	42.9	<0.1
MLS0095	41	4.1	130	<1	27.8	<0.1
MLS0096	53	7.5	79	<1	40.0	<0.1
MLS0097	150	0.3	182	<1	6.4	<0.1
MLS0098	41	9.8	166	<1	16.4	<0.1
MLS0099	100	4.5	137	<1	28.9	<0.1
MLS0100	37	5.3	165	<1	19.8	<0.1
MLS0101	145	1.9	34	<1	15.4	<0.1
MLS0102	91	0.3	41	<1	1.6	<0.1
MLS0103	102	4.3	311	<1	67.6	<0.1
MLS0104	89	2.4	56	<1	41.9	<0.1
MLS0105	18	3.6	115	<1	21.1	<0.1
*Rep MLS0083	104	0.4	36	<1	148	<0.1
*Blk BLANK	<5	<0.1	<5	<1	<0.5	<0.1
*Rep MLS0103	107	4.5	313	<1	70.1	<0.1
*Std AMIS0169	337	2.2	96	<1	90.1	<0.1
*Rep MLS0086	30	0.3	29	<1	65.3	<0.1

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Element	Rb	Sb	Sc	Se	Sm	Sn
Method	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME
Lower Limit	1	0.5	5	2	1	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
MLS0069	179	<0.5	37	13	129	<1
MLS0070	142	<0.5	13	<2	19	<1
MLS0071	164	<0.5	10	<2	23	<1
MLS0072	52	<0.5	5	4	60	<1
MLS0073	119	<0.5	8	4	27	<1
MLS0074	122	<0.5	14	4	39	<1
MLS0075	56	<0.5	<5	14	25	<1
MLS0076	144	<0.5	12	7	18	<1
MLS0077	131	<0.5	12	4	28	<1
MLS0078	348	<0.5	16	4	27	<1
MLS0079	88	<0.5	9	<2	22	<1
MLS0080	28	<0.5	<5	12	37	<1
MLS0081	105	<0.5	41	8	123	<1
MLS0082	208	<0.5	17	<2	27	<1
MLS0083	61	<0.5	16	10	100	<1
MLS0084	42	<0.5	<5	4	47	<1
MLS0085	93	<0.5	24	4	12	<1
MLS0086	9	<0.5	<5	11	34	<1
MLS0087	36	<0.5	<5	3	37	<1
MLS0088	143	<0.5	15	10	13	<1
MLS0089	30	<0.5	<5	10	29	<1
MLS0090	76	<0.5	<5	7	29	<1
MLS0091	108	<0.5	12	7	26	<1
MLS0092	133	<0.5	18	3	19	<1
MLS0093	127	<0.5	25	6	27	<1
MLS0094	29	<0.5	9	18	48	<1
MLS0095	53	<0.5	<5	9	25	<1
MLS0096	25	<0.5	6	15	26	<1
MLS0097	49	0.7	19	14	21	<1
MLS0098	131	<0.5	12	9	13	<1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



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 37 Soil
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Element Method Lower Limit Upper Limit Unit	Rb GE_MMIME 1 -- ppb	Sb GE_MMIME 0.5 -- ppb	Sc GE_MMIME 5 -- ppb	Se GE_MMIME 2 -- ppb	Sm GE_MMIME 1 -- ppb	Sn GE_MMIME 1 -- ppb
MLS0099	74	<0.5	13	9	24	<1
MLS0100	100	<0.5	9	3	12	<1
MLS0101	6	<0.5	<5	3	17	<1
MLS0102	11	<0.5	<5	3	3	<1
MLS0103	68	<0.5	29	11	68	<1
MLS0104	25	<0.5	<5	31	43	<1
MLS0105	107	<0.5	<5	8	19	<1
*Rep MLS0083	61	<0.5	14	6	96	<1
*Blk BLANK	<1	<0.5	<5	<2	<1	<1
*Rep MLS0103	69	<0.5	29	15	71	<1
*Std AMIS0169	234	0.9	35	22	51	<1
*Rep MLS0086	12	0.6	14	4	37	<1

Element Method Lower Limit Upper Limit Unit	Sr GE_MMIME 10 -- ppb	Ta GE_MMIME 1 -- ppb	Tb GE_MMIME 0.1 -- ppb	Te GE_MMIME 10 -- ppb	Th GE_MMIME 0.5 -- ppb	Ti GE_MMIME 10 -- ppb
MLS0069	750	<1	27.5	<10	133	500
MLS0070	240	<1	3.2	<10	19.4	360
MLS0071	520	<1	4.2	<10	49.9	210
MLS0072	690	<1	7.8	<10	183	180
MLS0073	1050	<1	3.4	<10	308	80
MLS0074	930	<1	5.3	<10	233	230
MLS0075	1620	<1	3.7	<10	64.7	40
MLS0076	450	<1	2.8	<10	45.5	580
MLS0077	270	<1	4.6	<10	14.6	240
MLS0078	580	<1	4.6	<10	38.5	470
MLS0079	620	<1	3.0	<10	95.2	390
MLS0080	1270	<1	5.1	<10	176	40

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Element	Sr	Ta	Tb	Te	Th	Ti
Method	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME
Lower Limit	10	1	0.1	10	0.5	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
MLS0081	810	<1	18.3	<10	117	530
MLS0082	510	<1	5.0	<10	42.8	280
MLS0083	1220	<1	13.9	<10	147	120
MLS0084	1130	<1	6.7	<10	157	100
MLS0085	450	<1	1.9	<10	65.2	1170
MLS0086	1380	<1	4.1	<10	113	20
MLS0087	880	<1	5.1	<10	158	130
MLS0088	430	<1	2.0	<10	61.3	940
MLS0089	940	<1	4.2	<10	188	40
MLS0090	690	<1	4.4	<10	70.1	130
MLS0091	740	<1	3.9	<10	110	340
MLS0092	460	<1	3.9	<10	24.2	320
MLS0093	520	<1	4.2	<10	48.5	600
MLS0094	1880	<1	7.8	<10	29.8	20
MLS0095	1420	<1	3.9	<10	35.4	40
MLS0096	700	<1	3.7	<10	52.6	120
MLS0097	2960	<1	7.7	<10	17.4	30
MLS0098	490	<1	2.1	<10	20.6	630
MLS0099	1230	<1	4.2	<10	78.5	180
MLS0100	490	<1	1.7	<10	57.4	290
MLS0101	1680	<1	3.1	<10	40.9	10
MLS0102	2370	<1	1.0	<10	38.1	10
MLS0103	2560	<1	11.7	<10	54.8	70
MLS0104	2050	<1	7.3	<10	39.6	20
MLS0105	990	<1	2.9	<10	10.1	50
*Rep MLS0083	1160	<1	14.0	<10	162	130
*Blk BLANK	<10	<1	<0.1	<10	0.6	<10
*Rep MLS0103	2590	<1	12.2	<10	55.9	70
*Std AMIS0169	80	<1	5.0	<10	62.5	260
*Rep MLS0086	1460	<1	4.3	<10	98.0	20

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Element Method Lower Limit Upper Limit Unit	Tl GE_MMIME 0.1 -- ppb	U GE_MMIME 0.5 -- ppb	V GE_MMIME 1 -- ppb	W GE_MMIME 0.5 -- ppb	Y GE_MMIME 1 -- ppb	Yb GE_MMIME 0.2 -- ppb
MLS0069	0.4	563	15	1.3	814	100
MLS0070	0.2	26.8	15	0.7	89	7.9
MLS0071	0.2	24.0	10	0.7	135	12.3
MLS0072	0.3	359	27	1.4	225	21.2
MLS0073	0.3	330	127	1.7	97	10.1
MLS0074	0.4	541	111	2.3	163	15.7
MLS0075	0.1	148	8	1.0	107	8.5
MLS0076	0.2	14.6	18	1.1	72	6.4
MLS0077	0.2	14.1	7	<0.5	138	11.4
MLS0078	0.4	24.7	10	0.8	118	11.6
MLS0079	0.3	52.0	13	1.6	80	7.7
MLS0080	0.2	193	12	1.2	149	13.2
MLS0081	0.3	2000	22	1.5	544	58.3
MLS0082	0.3	29.9	10	<0.5	143	14.2
MLS0083	0.4	4670	34	1.1	438	49.0
MLS0084	0.3	346	19	2.0	198	18.2
MLS0085	0.3	20.0	38	5.2	52	4.5
MLS0086	0.2	83.0	10	1.1	140	10.3
MLS0087	0.2	94.1	24	1.5	151	14.0
MLS0088	0.2	26.7	25	1.2	56	5.8
MLS0089	0.2	119	12	4.0	134	11.7
MLS0090	0.1	92.7	9	0.9	119	11.1
MLS0091	0.3	22.2	33	1.1	93	9.1
MLS0092	0.3	13.9	8	0.6	122	11.5
MLS0093	0.2	18.5	21	1.0	99	9.4
MLS0094	0.2	33.8	7	0.7	241	18.2
MLS0095	0.2	52.2	15	1.5	115	10.6
MLS0096	0.2	57.4	21	2.3	103	10.5
MLS0097	0.5	68.9	44	2.0	247	22.9
MLS0098	0.2	14.7	12	0.8	49	5.3

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Element	Tl	U	V	W	Y	Yb
Method	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME	GE_MMIME
Lower Limit	0.1	0.5	1	0.5	1	0.2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
MLS0099	0.3	186	24	1.6	153	16.6
MLS0100	0.2	22.7	12	1.1	43	4.5
MLS0101	0.2	85.5	19	2.4	119	10.3
MLS0102	0.1	110	28	2.2	43	4.5
MLS0103	0.1	37.3	6	1.0	334	28.5
MLS0104	0.2	57.6	15	0.9	253	20.8
MLS0105	0.4	24.0	4	0.6	72	5.8
*Rep MLS0083	0.5	4240	43	1.2	437	49.6
*Blk BLANK	<0.1	1.0	<1	<0.5	<1	<0.2
*Rep MLS0103	0.1	36.6	7	1.1	354	29.8
*Std AMIS0169	1.3	21.1	33	1.0	97	7.9
*Rep MLS0086	0.2	76.2	8	0.8	162	10.3

Element	Zn	Zr
Method	GE_MMIME	GE_MMIME
Lower Limit	10	2
Upper Limit	--	--
Unit	ppb	ppb
MLS0069	2250	216
MLS0070	610	151
MLS0071	520	142
MLS0072	110	108
MLS0073	20	147
MLS0074	200	129
MLS0075	150	41
MLS0076	580	210
MLS0077	410	133
MLS0078	1350	251
MLS0079	1290	175
MLS0080	660	79

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Element Method Lower Limit Upper Limit Unit	Zn GE_MMIME 10 -- ppb	Zr GE_MMIME 2 -- ppb
MLS0081	2060	162
MLS0082	460	186
MLS0083	70	52
MLS0084	360	78
MLS0085	100	220
MLS0086	230	15
MLS0087	110	71
MLS0088	1390	177
MLS0089	130	21
MLS0090	400	64
MLS0091	120	218
MLS0092	1010	120
MLS0093	300	231
MLS0094	360	51
MLS0095	50	68
MLS0096	180	85
MLS0097	30	31
MLS0098	770	206
MLS0099	250	86
MLS0100	590	161
MLS0101	170	8
MLS0102	40	8
MLS0103	510	66
MLS0104	50	45
MLS0105	70	86
*Rep MLS0083	60	57
*Blk BLANK	<10	<2
*Rep MLS0103	540	67
*Std AMIS0169	170	37
*Rep MLS0086	280	15

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