

# ASSESSMENT REPORT

describing

## PROSPECTING, TILL, AND STREAM SEDIMENT SAMPLING

on the

### CATCH and LUNKER Properties

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CATCH 1-4	YE96876-YE96879
CATCH 5-18	YE98084-YE98097
CATCH 19-22	YE97026-YE97029
CATCH 23-34	YE98098-YE98109
CATCH 35-46	YE97030-YE97041
CATCH 47-57	YE98110-YE98120
CATCH 58-66	YE97042-YE97050
CATCH 75-77	YE98121-YE98123
CATCH 78-82	YE96887-YE96891
CATCH 83	YE97051
LUNKER 1-4	YE96880-YE96883

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NTS 105 E/14  
486321 mE 6858179 mN  
UTM Zone 8N NAD 1983

Field work performed between June 22<sup>nd</sup> to 29<sup>th</sup> and October 3<sup>rd</sup> to 7<sup>th</sup>, 2020

in the

Whitehorse Mining District

Yukon Territory

Prepared by

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January 2021

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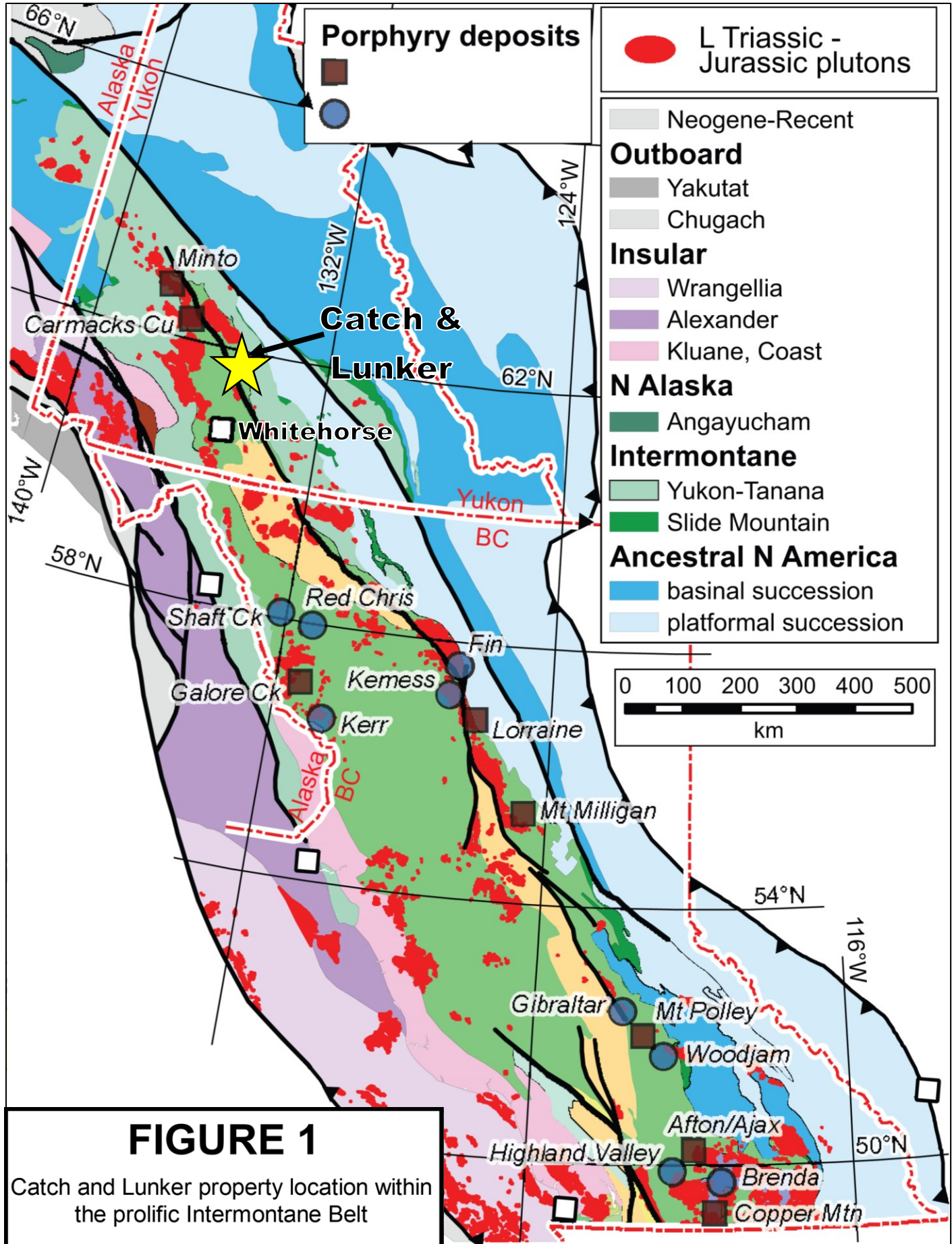
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## **Introduction**

The Catch and Lunker claims cover potential buried porphyry copper  $\pm$  gold style mineralization in the Intermontane Belt of the Canadian Cordillera. The Intermontane Belt is recognized worldwide for hosting numerous alkalic to calc-alkalic copper  $\pm$  gold  $\pm$  molybdenum porphyry deposits, several of which are currently in production such as Mt. Milligan and Red Chris (Figure 1, modified from Kovacs et al., 2020).

The Catch and Lunker claims are located 55 kilometres east-southeast of the community of Carmacks and 125 km north of the capital city of Whitehorse. The claims lie within the Traditional Territories of the Little Salmon/Carmacks First Nation.

This report describes geological mapping and geochemical sampling conducted between June 22<sup>nd</sup> to 29<sup>th</sup> and October 3<sup>rd</sup> to 7<sup>th</sup>, 2020. The author interpreted all the data in this report and his Statement of Qualifications is provided in Appendix I. A Statement of Expenditures appears in Appendix II.



### Property Location, Claim Data and Access

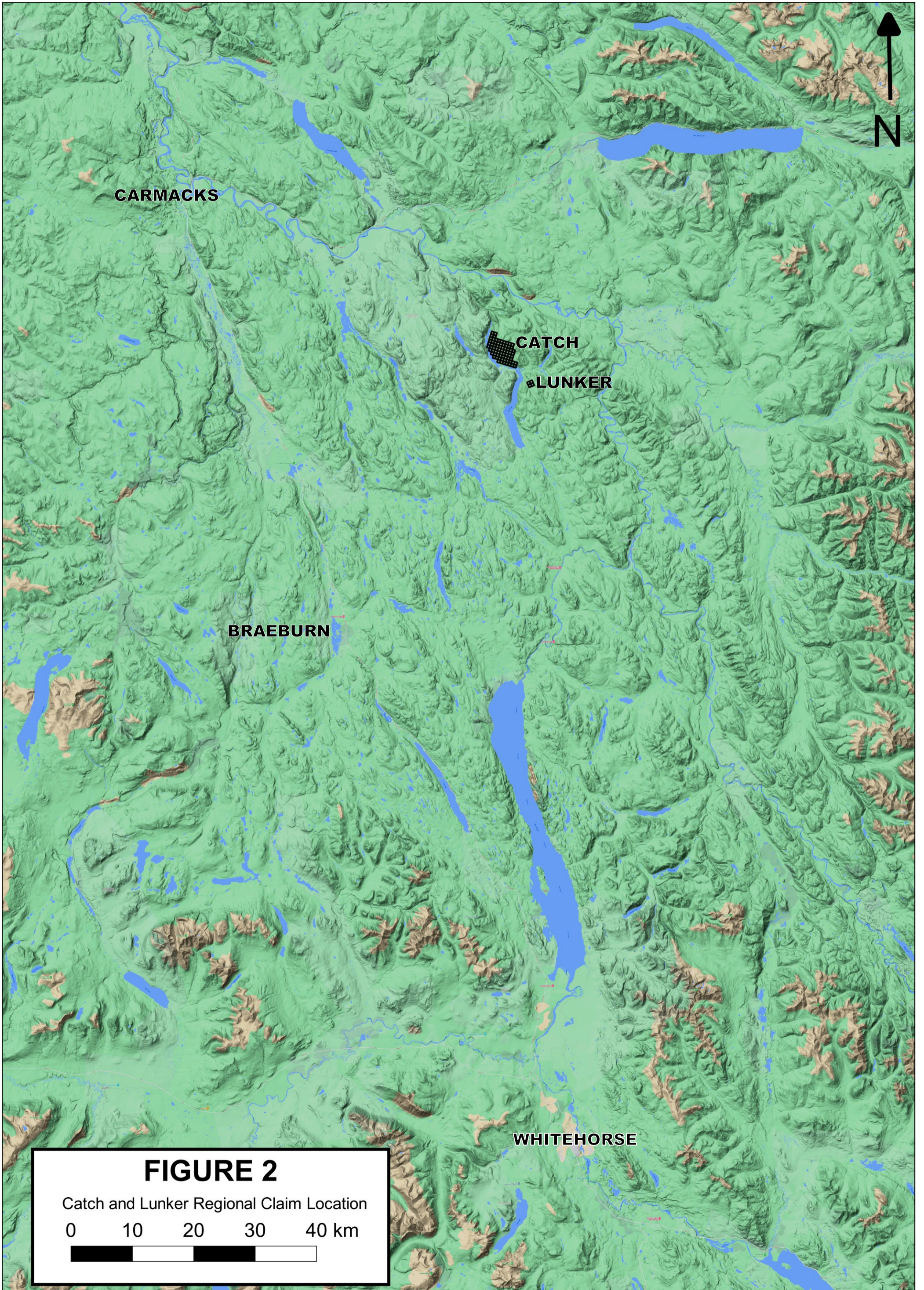
The Catch and Lunker claims are two separate claim blocks three kilometres apart from each other. The Catch claims consist of 75 contiguous claims covering an area of 1,550 hectares. The Lunker claims consist of 4 contiguous claims covering an area of 80 hectares. Both sets of claims are located directly east of Claire Lake. The claims are registered with the Whitehorse Mining Recorder in the name of Ryan Burke. Claim registration information can be found in Table I; locations of individual claims are shown on Figure 2.

Access to and from the project area is by float plane from Schwatka or Braeburn Lake, or by helicopter via Carmacks or Whitehorse. Braeburn Lake is located 100 km north of Whitehorse and Claire Lake is an additional 50 km north-northeast of Braeburn Lake. From Braeburn, a float plane dock is available to transport personnel and equipment to Claire Lake. Claire Lake has steep drop-offs with flat, mature black spruce forested shoreline. There are many suitable locations for mobilization/demobilization of equipment utilizing either a float-mounted Cessna 206, DHC-2 Beaver, or a DHC-3T Otter. In addition, there are sparsely brushed, steep, grassy slopes amenable for helicopter-assisted mobilization of camp.

In 2020, fieldwork was performed by a 4-person crew between June 22<sup>nd</sup>-29<sup>th</sup> and a 3-person crew between October 3<sup>rd</sup>-7<sup>th</sup>, 2020. Access to the project area was by a combination of truck and float plane. Truck was used to mobilize crew and equipment from Whitehorse to Braeburn Lake. From there, a Cessna 206 mobilized crew and equipment to Claire Lake.

**Table 1: Claim Registration Information**

<b>Grant #</b>	<b>Claim Name</b>	<b>Claim Number</b>	<b>Owner</b>	<b>Expiry Date</b>
YE96880-883	LUNKER	1-4	Ryan Burke - 100%	2021-07-06
YE96876-879	CATCH	1-4	Ryan Burke - 100%	2021-07-06
YE98084-8097	CATCH	5-18	Ryan Burke - 100%	2021-10-08
YE97026-029	CATCH	19-22	Ryan Burke - 100%	2021-10-08
YE98098-109	CATCH	23-34	Ryan Burke - 100%	2021-10-08
YE97030-041	CATCH	35-46	Ryan Burke - 100%	2021-10-08
YE98110-120	CATCH	47-57	Ryan Burke - 100%	2021-10-08
YE97042-050	CATCH	58-66	Ryan Burke - 100%	2021-10-08
YE98121-123	CATCH	75-77	Ryan Burke - 100%	2021-10-08
YE96887-891	CATCH	78-82	Ryan Burke - 100%	2021-10-08
YE97051	CATCH	83	Ryan Burke - 100%	2021-10-08



**FIGURE 2**

Catch and Lunker Regional Claim Location

0 10 20 30 40 km



## Geomorphology

The properties lie within the Lewes Plateau. Topography in the area is variable, with flat lowlands of black spruce forest surrounding Claire Lake (~730 m) and sparse to thick spruce, alder and willow covered glacial plateaus in the highlands (~1200 m).

These highlands and lowlands are separated by a mixture of moderate to steep hills vegetated with varieties of alder, willow, and black spruce. Localized steep, grassy, open, slopes surround Claire Lake and are particularly abundant within the Catch claim block. Drainages feeding into Claire Lake are steeply incised and contain some great bedrock exposure.

The Catch claim block has variable till cover, steep relief and fractured subcrop exists beneath a thin veneer of till/till throughout the property (generally less than 30 cm).

The Lunker claim block is covered by till, ranging from trace up to 10 m thick. Subcrop is rare on the claims but can be located with a mixture of determination and luck.



Photo 1: Fractured, oxidized subcrop (near backpack) on localized, steep, grassy slope on the Catch claimblock (view to southwest).





Photo 2: Clifty outcrop exposure within an incised creek drainage on the Catch claim block; till auger is 2-m tall.



Photo 3: Up to 10-m thick till cover near the Lunker claim block; Logan Roots (~1.8 m tall) for scale

## **History and Previous Work**

No documented historical exploration work has been recorded in the area covered by the Catch and Lunger claims. The Claire (MINFILE 105E 011) is located ~5 km north of the northern portion of the Catch claims and is described as “coal is reported to outcrop in Upper Jurassic Tantalus Formation rocks in the Claire Creek area. First documented by the Geological Survey of Canada in 1936 but apparently never investigated.”

In 1977 and 1984, this area was regionally mapped by Dirk Templeman-Kluit. His 1984 map is what the Yukon Geological Survey references in the current digital version of the bedrock geology of the Yukon.

The majority of the area east of the Teslin Fault is mapped as Semenof volcanics, which is described as a mixture of augite-phyric basalt flows, agglomerates and tuffs, andesite, basalt and volcanic breccia, with minor rhyolite breccias and argillites (Tempelman-Kluit, 1977).

## **Regional Geology**

The majority of the regional geology section is summarized heavily from an excellent and extensive recent publication by the Yukon Geological Survey titled: “Atlas of Late Triassic to Jurassic plutons in the Intermontane terranes of Yukon” (Sack, Colpron, et al., 2020):

Triassic to Jurassic granitoid plutons intrude the Intermontane terranes in British Columbia, Yukon and easternmost Alaska (Fig. 1; modified from Kovacs et al., 2020). In British Columbia, these plutons are associated with significant porphyry Cu ± Mo ± Au mineralization, but comparatively few copper occurrences are known along the northern extension of this belt in Yukon (Logan and Mihalynuk, 2014).

Porphyry Cu-Au ± Ag-Mo deposits are concentrated within the Stikine and Quesnel arc terranes, with most of their economic metal endowment emplaced within a six-million-year pulse centered around 205 Ma. Distinct trends of Cu-Au ± Ag-Mo mineralization within both arc terranes coincide in time and space with events that are attributed to effects of slab subduction (modified from Logan and Mihalynuk 2014).

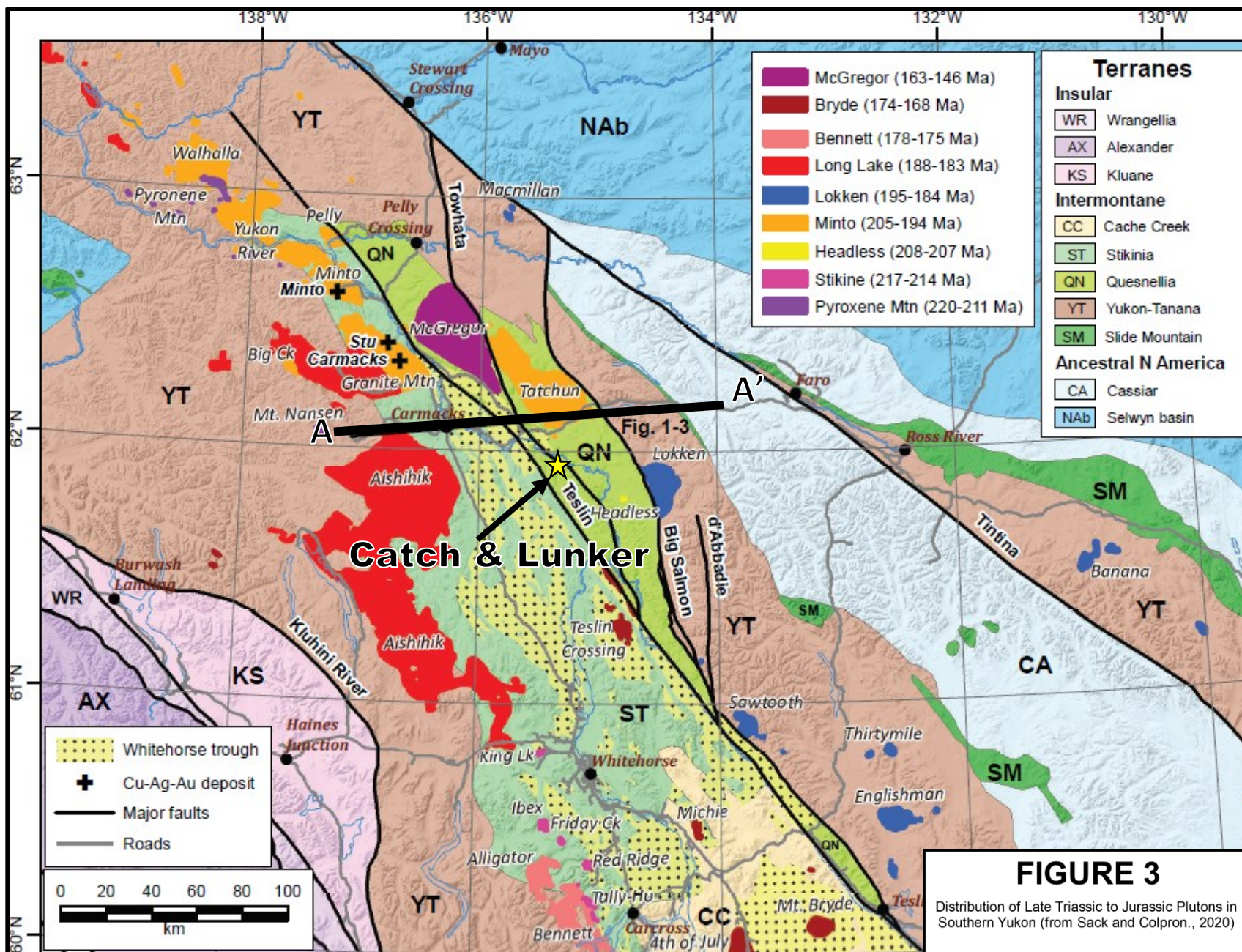
Significant copper mineralization is identified at the Minto and Carmacks Copper deposits in central Yukon (Fig. 3; Sack, Colpron, et al., 2020), but the style of mineralization at these enigmatic deposits is not typical of porphyry deposits.

Both Minto and Carmacks Copper are hosted in Early Jurassic granitoid plutons and have thus been inferred to relate to porphyry deposits of this age in British Columbia (Logan and Mihalynuk, 2014).

The Late Triassic to Jurassic plutons intrude rocks of the Intermontane terrane including Yukon-Tanana, Stikinia, Quesnellia and Cache Creek. The younger, Middle Jurassic plutons also intrude Jurassic sedimentary strata of Whitehorse trough (Fig. 3).

The Yukon-Tanana terrane consists of metasedimentary, metavolcanic and metaplutonic rocks that record development of a series of magmatic arcs of mid to late Paleozoic age that were constructed on a metasedimentary sequence of western Laurentian affinity (Piercey and Colpron, 2009).

In Yukon, Stikinia and Quesnellia comprise mainly Upper Triassic arc volcanic and sedimentary rocks and local exposures of older, upper Paleozoic metavolcanic and metasedimentary sequences of arc and back-arc affinities (Hart, 1997; Colpron et al., 2006a). The dominantly Upper Triassic volcanic and volcanoclastic rocks of Quesnellia and Stikinia have similar composition and stratigraphic relationships which make them difficult to differentiate in central Yukon. The boundary between these two terranes is typically defined by the Teslin fault, the northern expression of the Thibert fault that marks the boundary between Quesnellia and the Cache Creek terrane in northern British Columbia. The position of the Teslin fault, and therefore the Quesnellia–Stikinia boundary, is, however, poorly constrained in central Yukon. Both Quesnellia and Stikinia in Yukon are inferred to have been developed atop a ‘basement’ comprising mid-Paleozoic and older elements of the Yukon-Tanana terrane (e.g., Nelson et al., 2013).



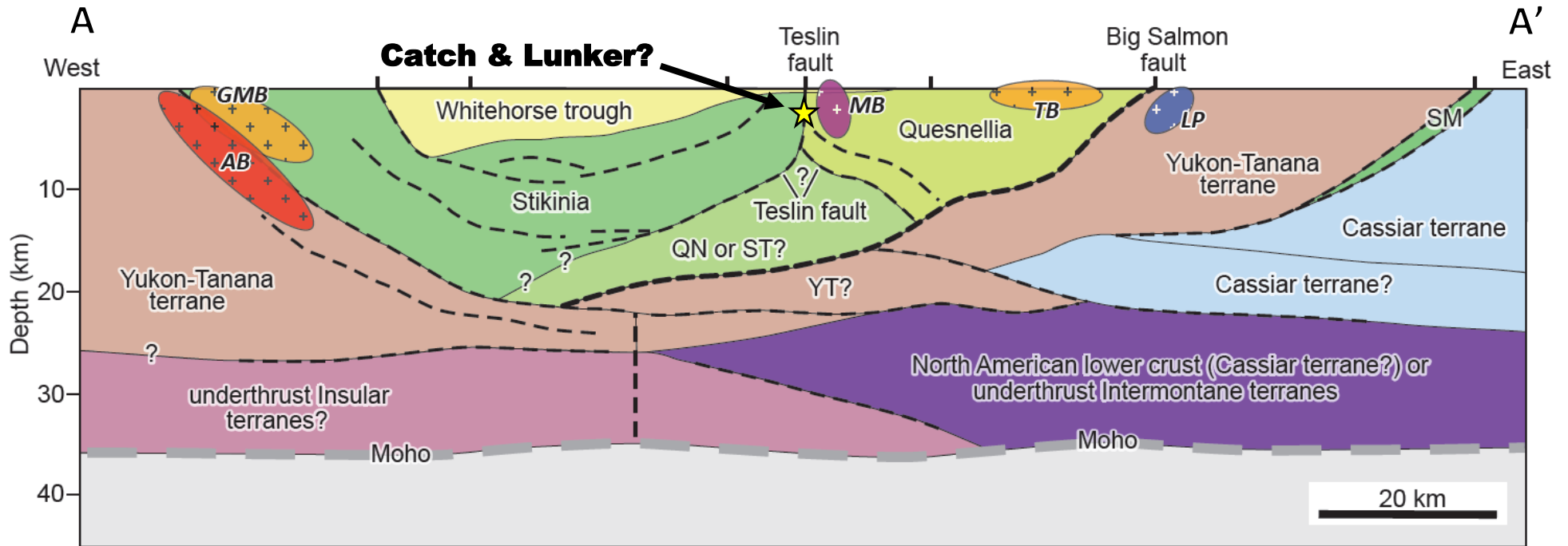
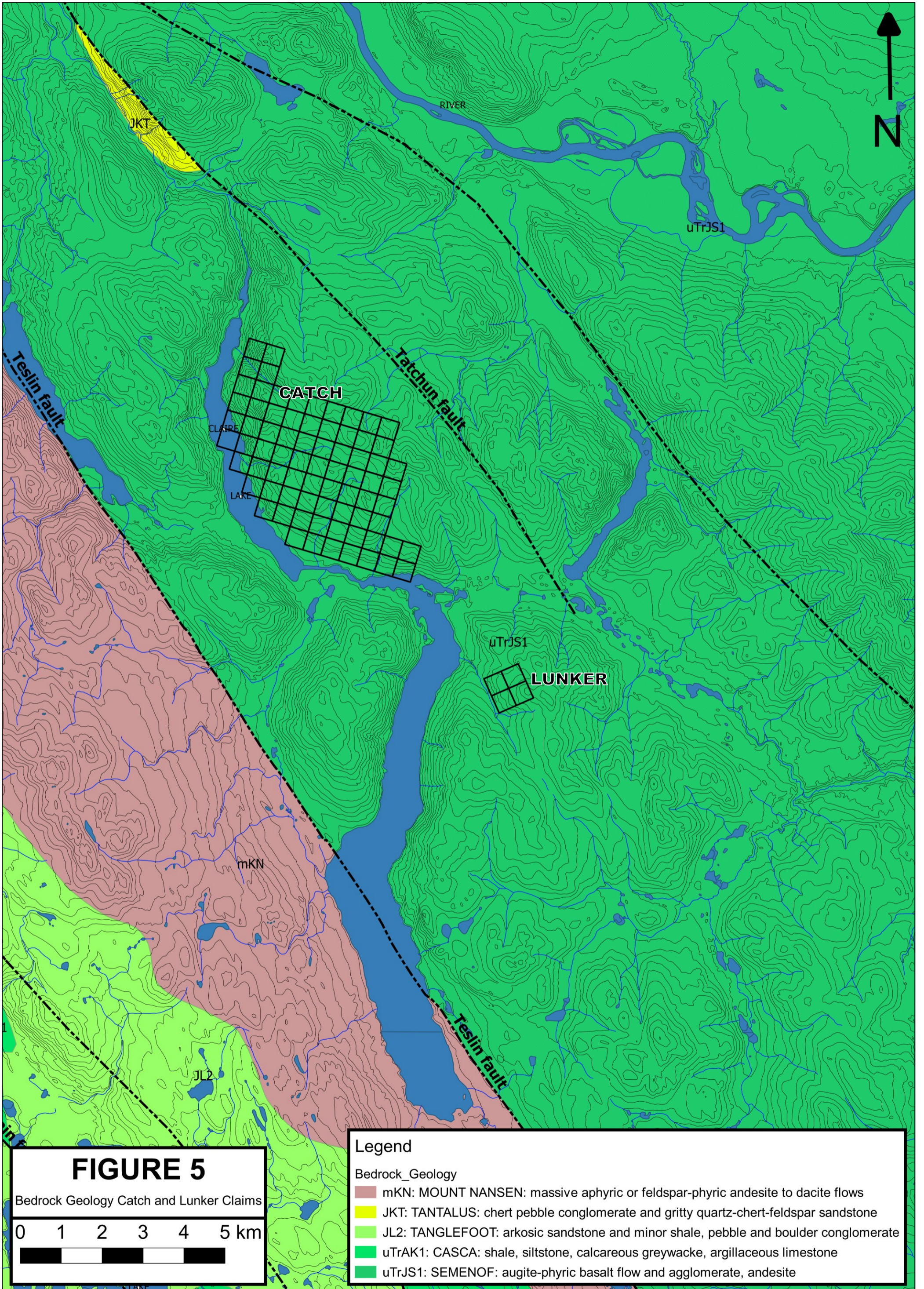


Figure 4: Crustal architecture of the Intermontane terranes in central Yukon. Approximate line of section is indicated on Figure 3. Hypothesized position of the Catch & Lunker claims denoted by yellow star (Modified from Sack, Colpron et al., 2020)

Most porphyry deposits form in the upper 5 km of the crust (Seedorff et al., 2005) with broadly coeval volcanic rocks commonly making up a significant proportion of the surface geology (Sillitoe and Perello, 2005). In some cases, the volcanic rocks can also host significant porphyry mineralization (*e.g.*, Copper Mountain and Mount Milligan).

Within Stikinia and Quesnellia in Yukon, the Povoas (Lewes River Group) and Semenof formations are regionally extensive Upper Triassic volcanic units that are broadly correlative with the Nicola, Stuhini and Takla groups of British Columbia. The region east of Carmacks is generally poorly exposed and Late Triassic intrusions are apparently sparse.

Claire Lake straddles the Teslin fault and is underlain by felsic volcanic rocks of the Cretaceous Mt. Nansen Group to the west (Figure 5; mKN), and Upper Triassic mafic volcanic rocks of the Semenof formation to the east. Upper Triassic volcanic rocks of Stikinia and Quesnellia could be prospective for Late Triassic porphyry and epithermal deposits in the area southeast of Carmacks (Sack, Colpron et al., 2020).



**FIGURE 5**

Bedrock Geology Catch and Lunker Claims

0 1 2 3 4 5 km

**Legend**

Bedrock\_Geology

- mKN: MOUNT NANSEN: massive aphyric or feldspar-phyric andesite to dacite flows
- JKT: TANTALUS: chert pebble conglomerate and gritty quartz-chert-feldspar sandstone
- JL2: TANGLEFOOT: arkosic sandstone and minor shale, pebble and boulder conglomerate
- uTrAK1: CASCA: shale, siltstone, calcareous greywacke, argillaceous limestone
- uTrJS1: SEMENOV: augite-phyric basalt flow and agglomerate, andesite



## Property Geology

The geology of the Catch and Lunger claims is preliminary as geochemical sampling and claimstaking was the focus of the program this year.

Cursory mapping of the area identified and confirmed the regional geology (Figure 5). Outcrop exposures of Semenof volcanics are abundant along the eastern slopes of Claire Lake. Outcrop is dominantly augite-phyric basalt, with minor amounts of chloritized tuffs and volcanoclastics.

## Geochemistry, Alteration & Mineralization

Exploration in 2020 consisted of a 10-day field program with a 4-person field crew. The field crew collected 115 till samples at 500-m spacing, 32 stream sediment samples, and 55 rock samples over a 25 km<sup>2</sup> area. The results of this work resulted in the discovery of multiple occurrences of copper and gold mineralization along a 2.5-km trend on the Catch property. Highlighted rock sample assays returned values of up to **2.31 g/t Au, 0.62% Cu, 228 ppm Mo, 9755 ppm Zn, and 6.4 g/t Ag.**

Stream sediment sample locations and ID's are shown in Figure 6. Till sample sites and ID's are shown in Figure 7. Thematically mapped till and stream geochemistry results for copper, gold, arsenic, vanadium and molybdenum are shown in Figures 8 through 12, respectively.

Till geochemical sampling successfully identified areas of moderate to strong geochemical response with peak values for copper (291 ppm), gold (126 ppb), silver (0.3 ppm), vanadium (273 ppm), arsenic (84 ppm), zinc (449 ppm) and lead (20.5 ppm) over a 25 km<sup>2</sup> area.

Stream sediment samples broadly correlate with till anomalies, and of particular note, an extremely anomalous stream sediment sample returned values of 177 ppm Cu, 71 ppb Au and 228 ppm vanadium directly downstream from two highly anomalous Cu-in-till samples.

Rock sample locations and ID's are shown in Figure 13 and 14. Highlighted rock sample values are shown in Figure 15.

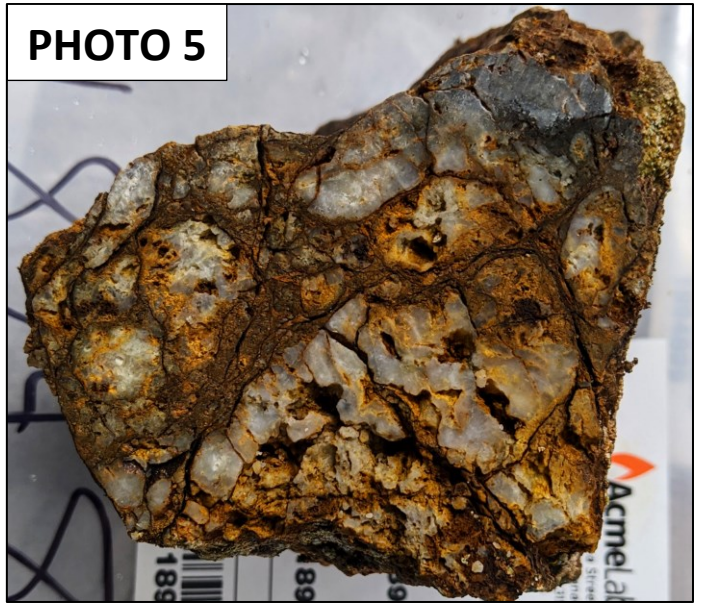
Chlorite-epidote-pyrite ± carbonate (propylitic) alteration and oxidation occur variably throughout the augite-phyric basalt (Photo 4, 6 and 10). Mineralization encountered to date on the program consists of quartz-rich limonitic breccia/intrusive breccia (Photo 5), malachite-stained volcanics, quartz-carbonate breccias with epithermal vein textures and bladed calcite (Photo 7, 8 & 9). Anhydrite (gypsum?) coats the underside of heavily fractured/oxidized basalts (Photo 11).

The alteration, brecciation, mineralization and oxidation observed throughout the property to date are all indicative of nearby buried intrusive activity. Figure 15 denotes the location data of Photos 1 through 11 in the report.

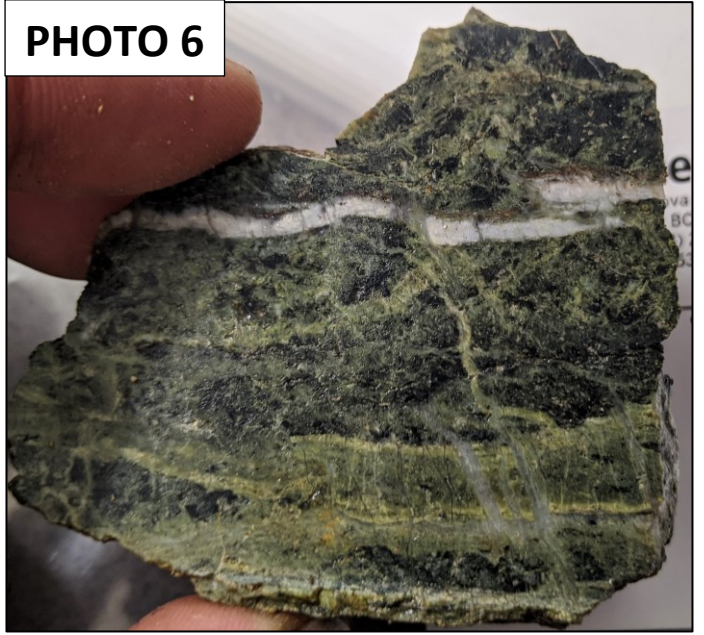
**PHOTO 4**



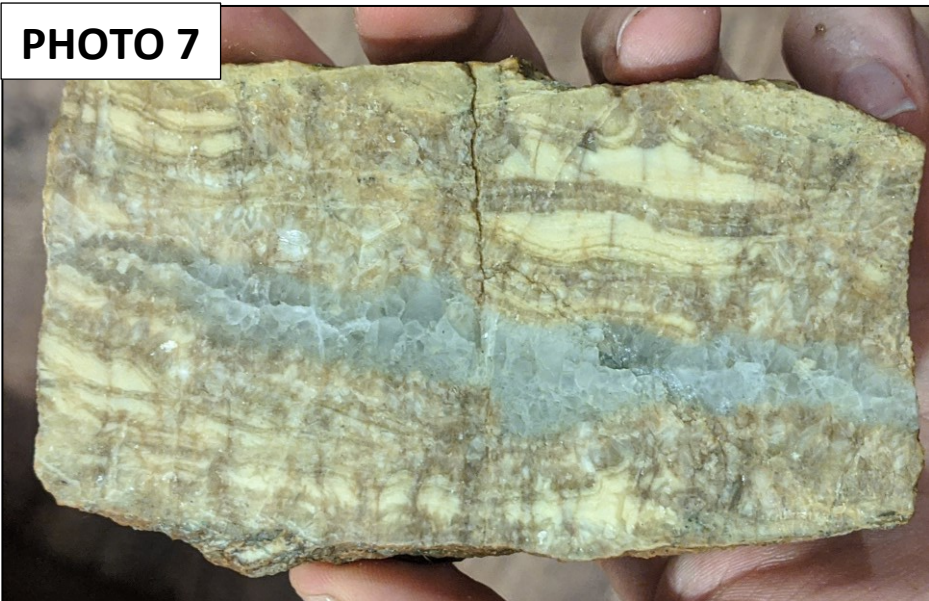
**PHOTO 5**



**PHOTO 6**



**PHOTO 7**



**PHOTO 8**



**PHOTO 10**

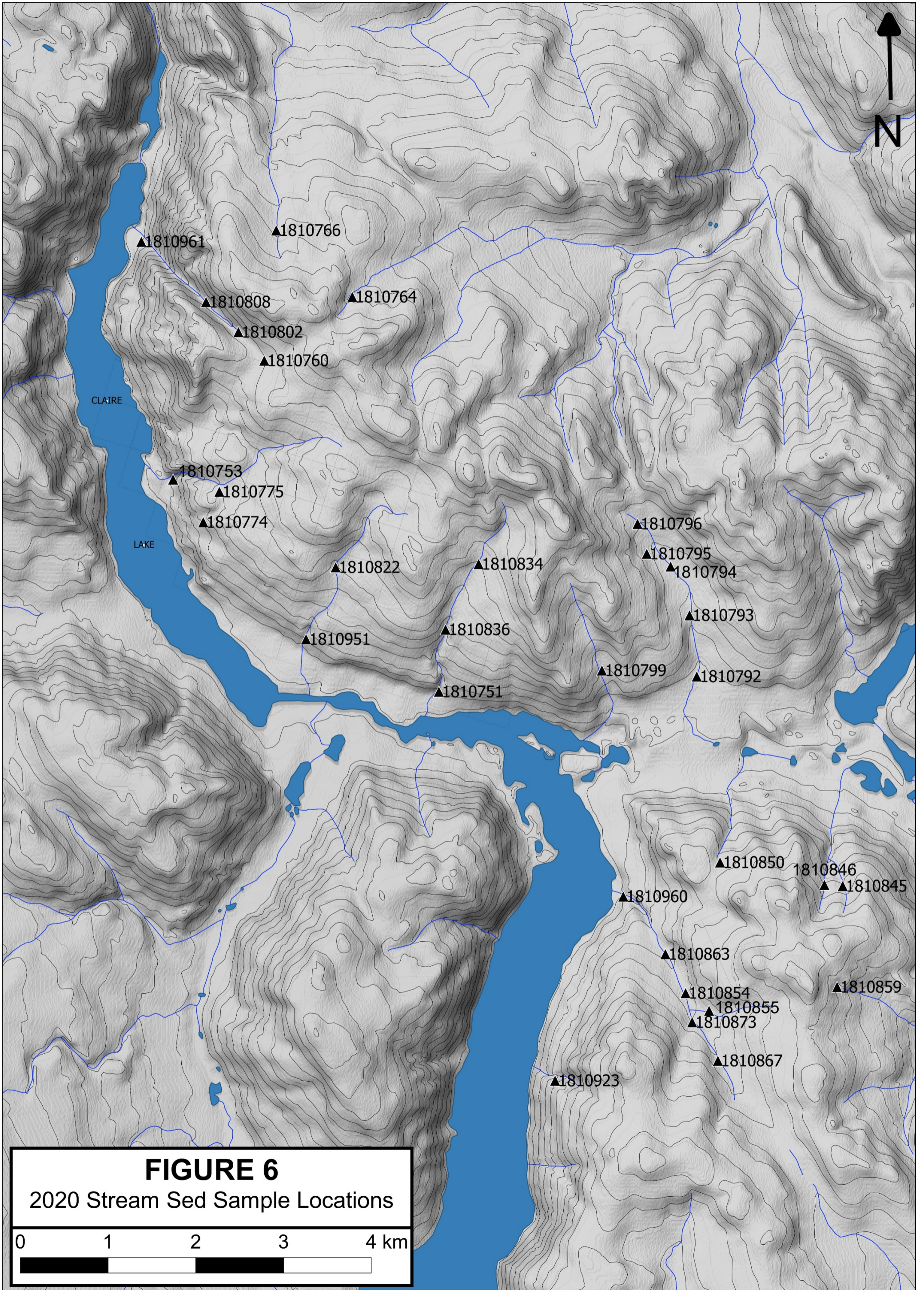


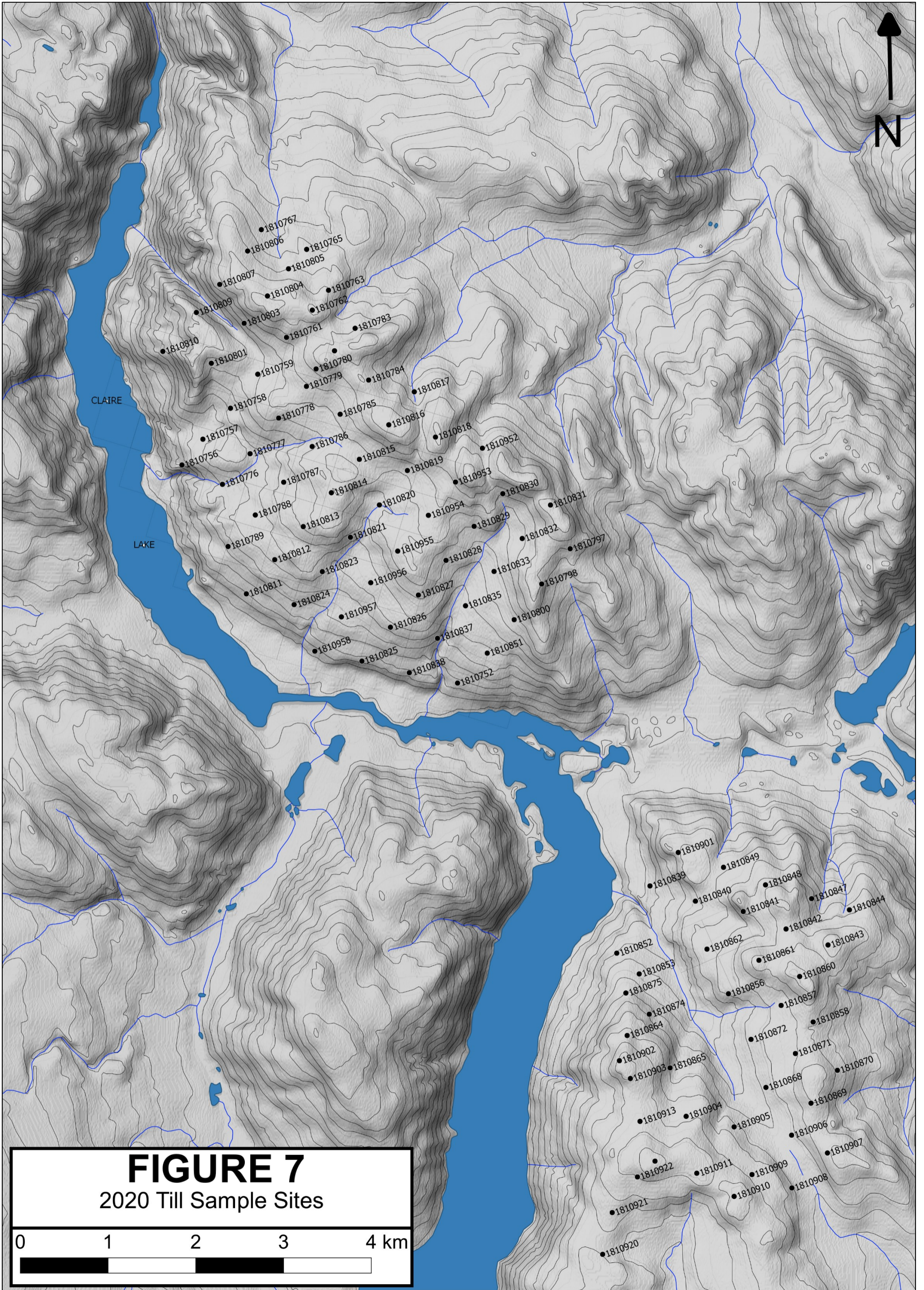
**PHOTO 9**

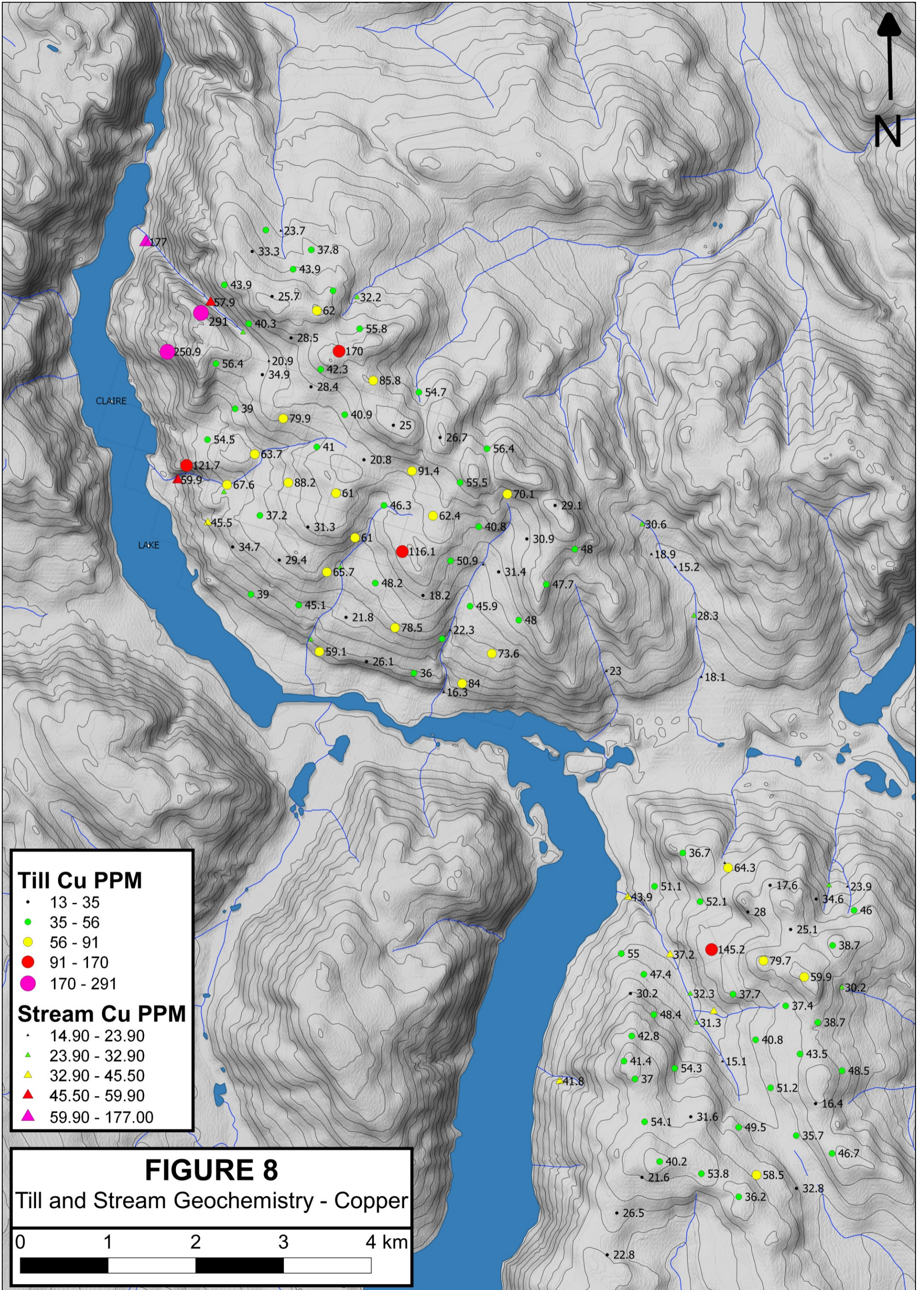


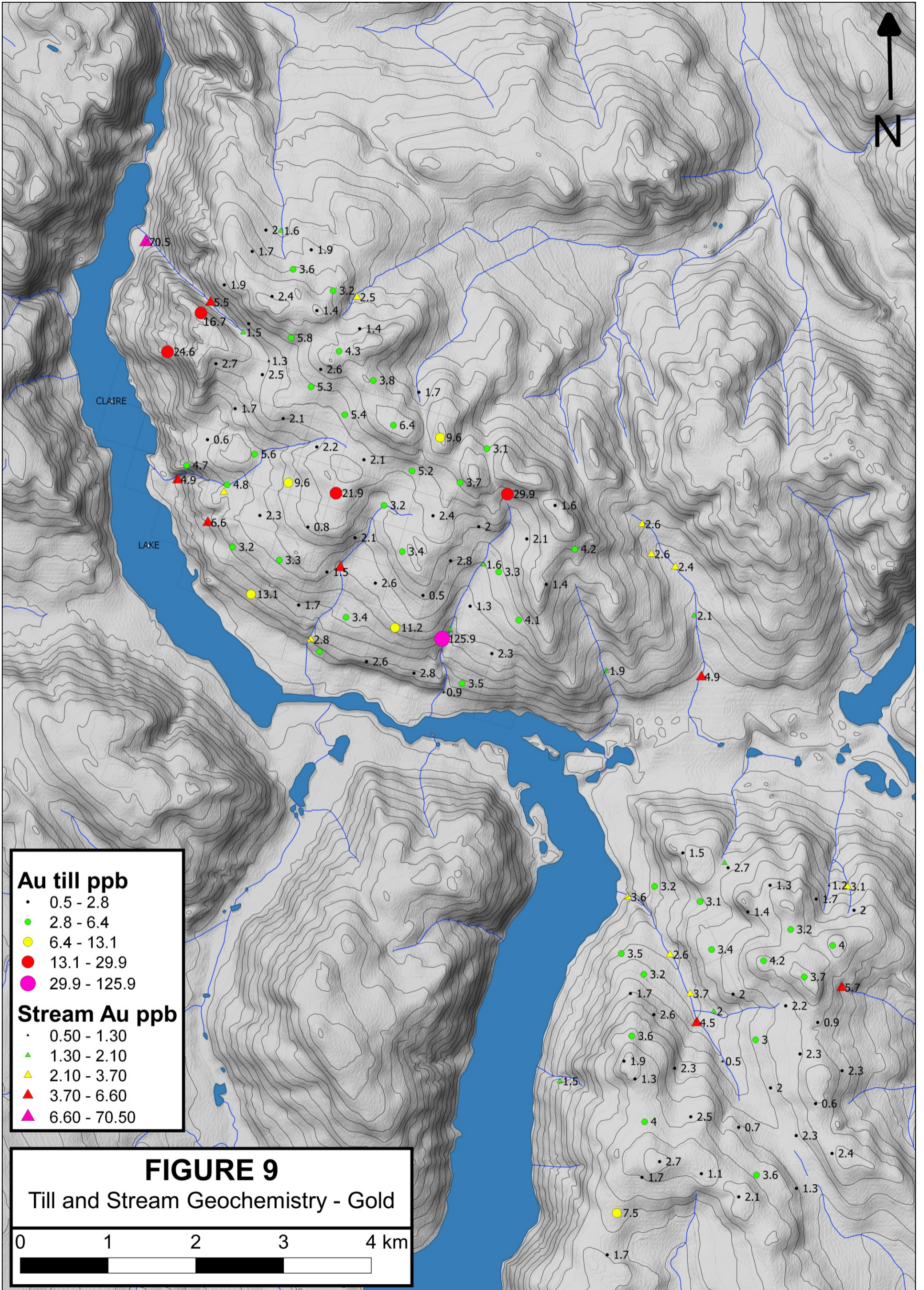
**PHOTO 11**

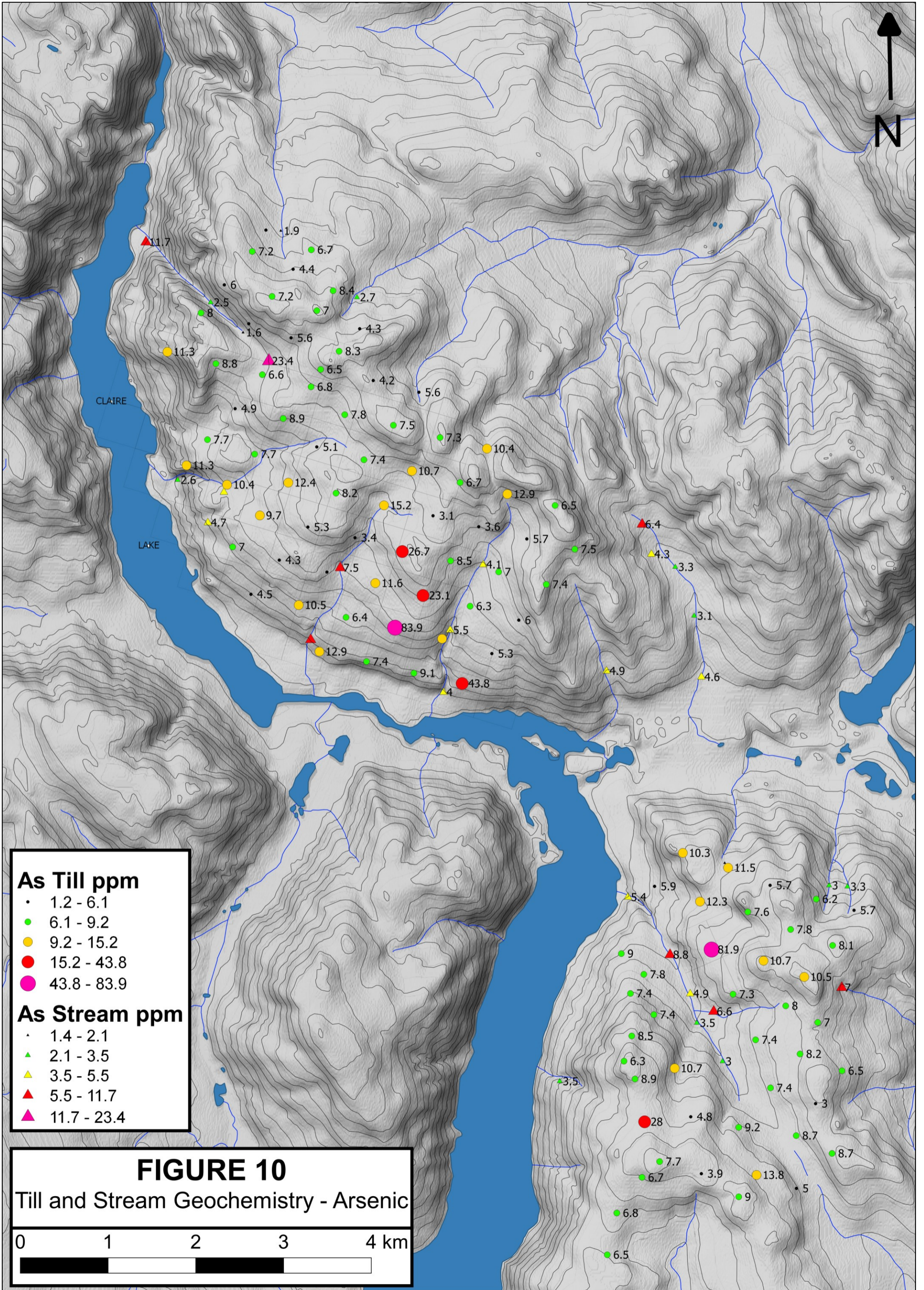




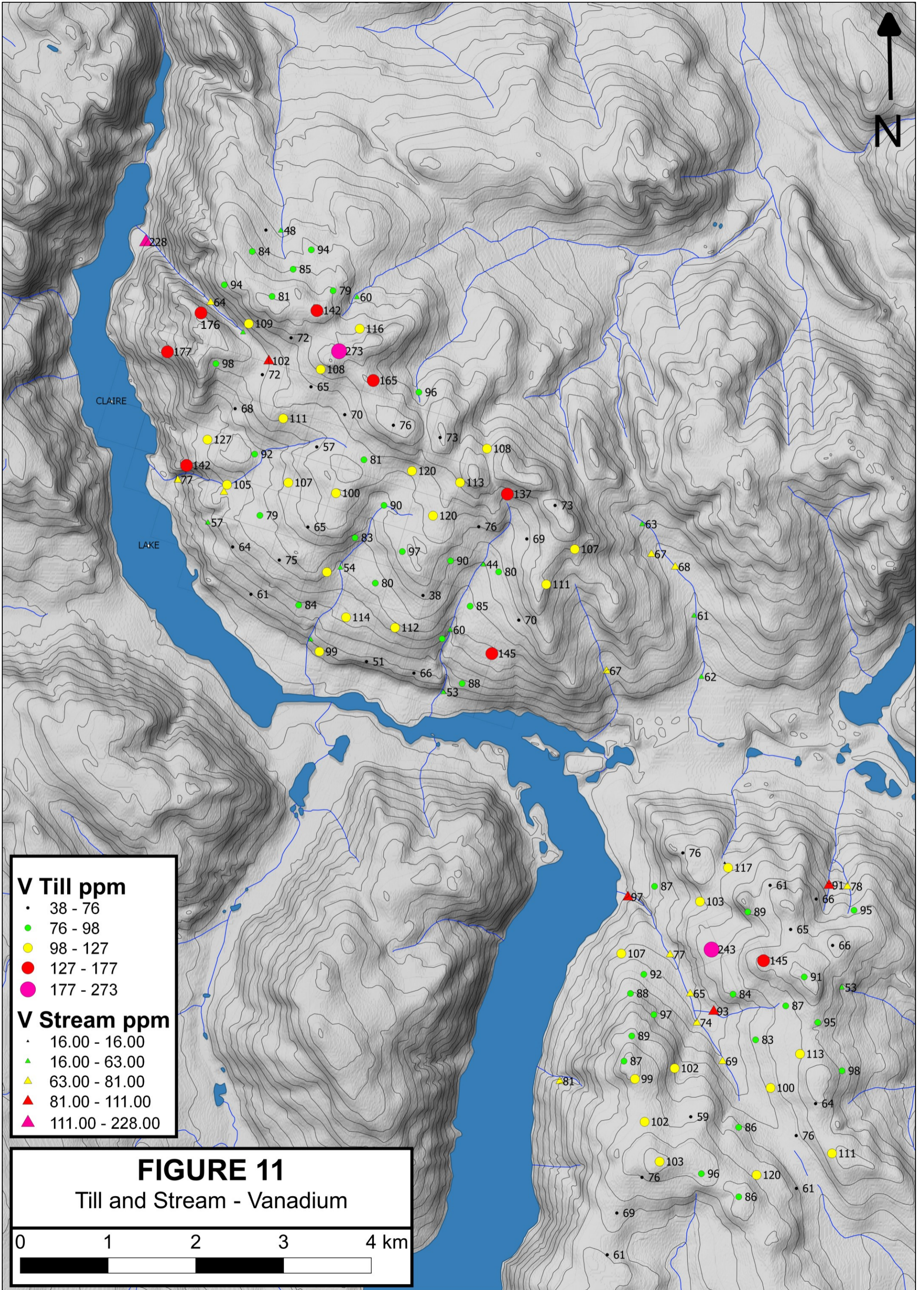


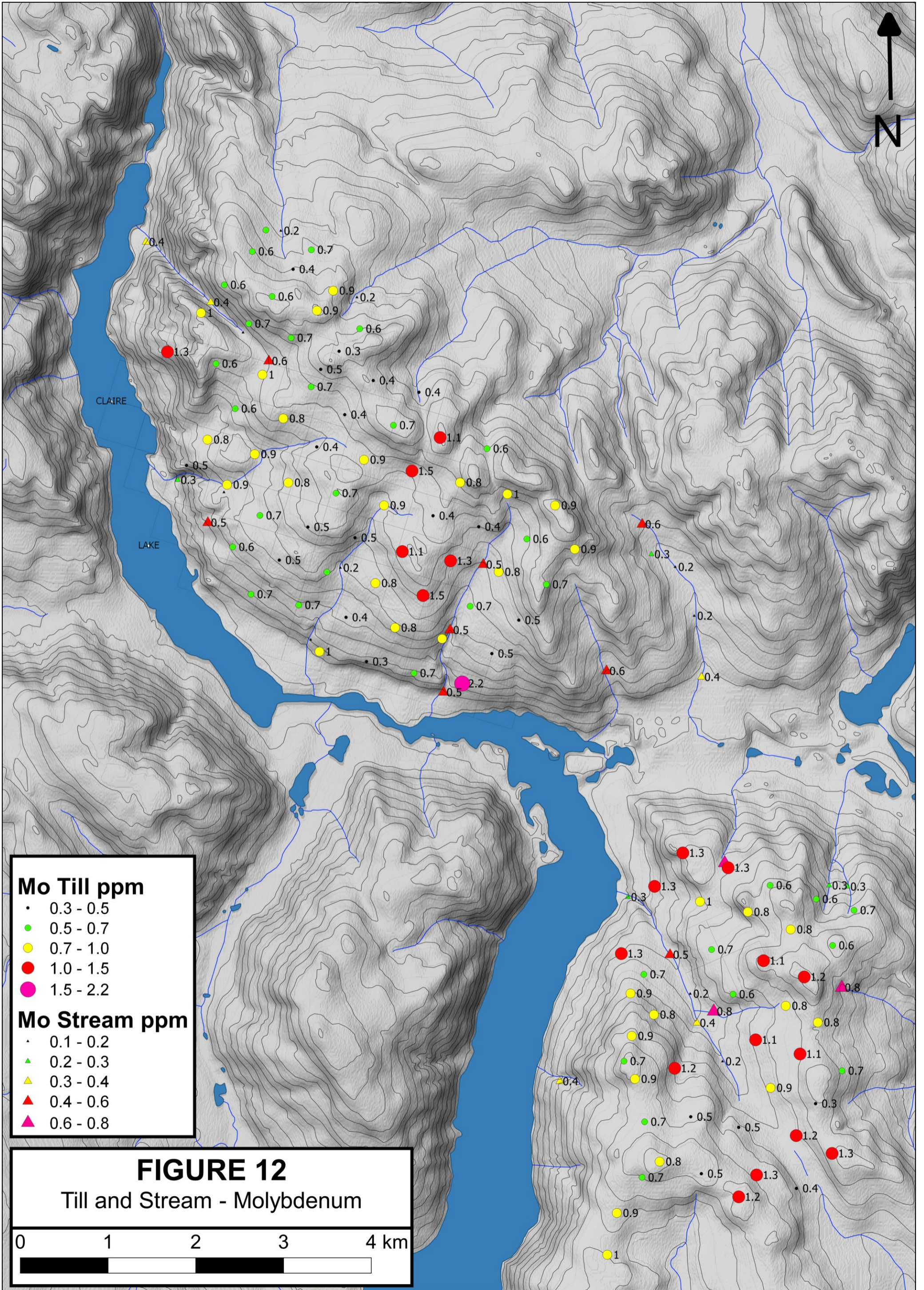


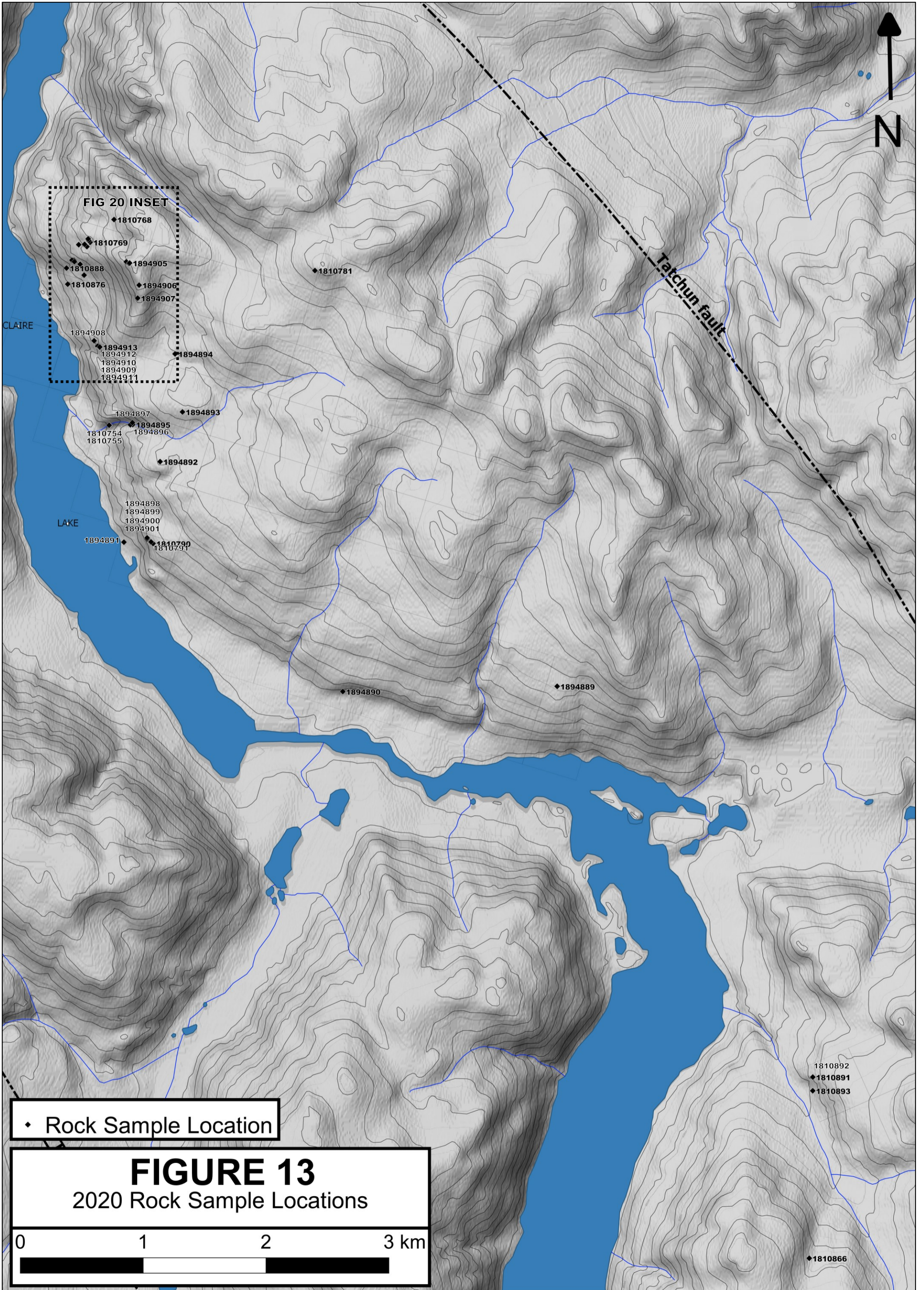


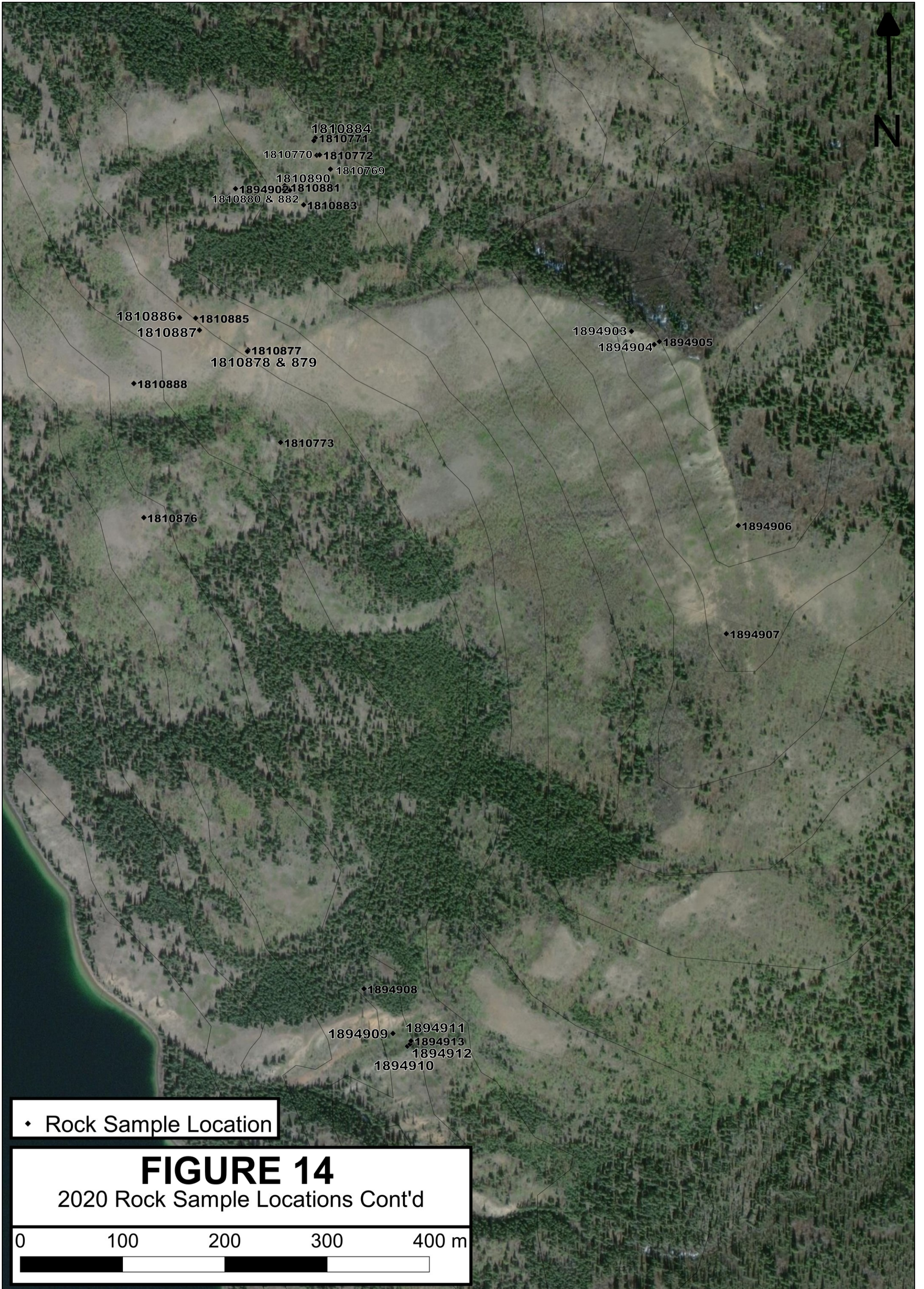




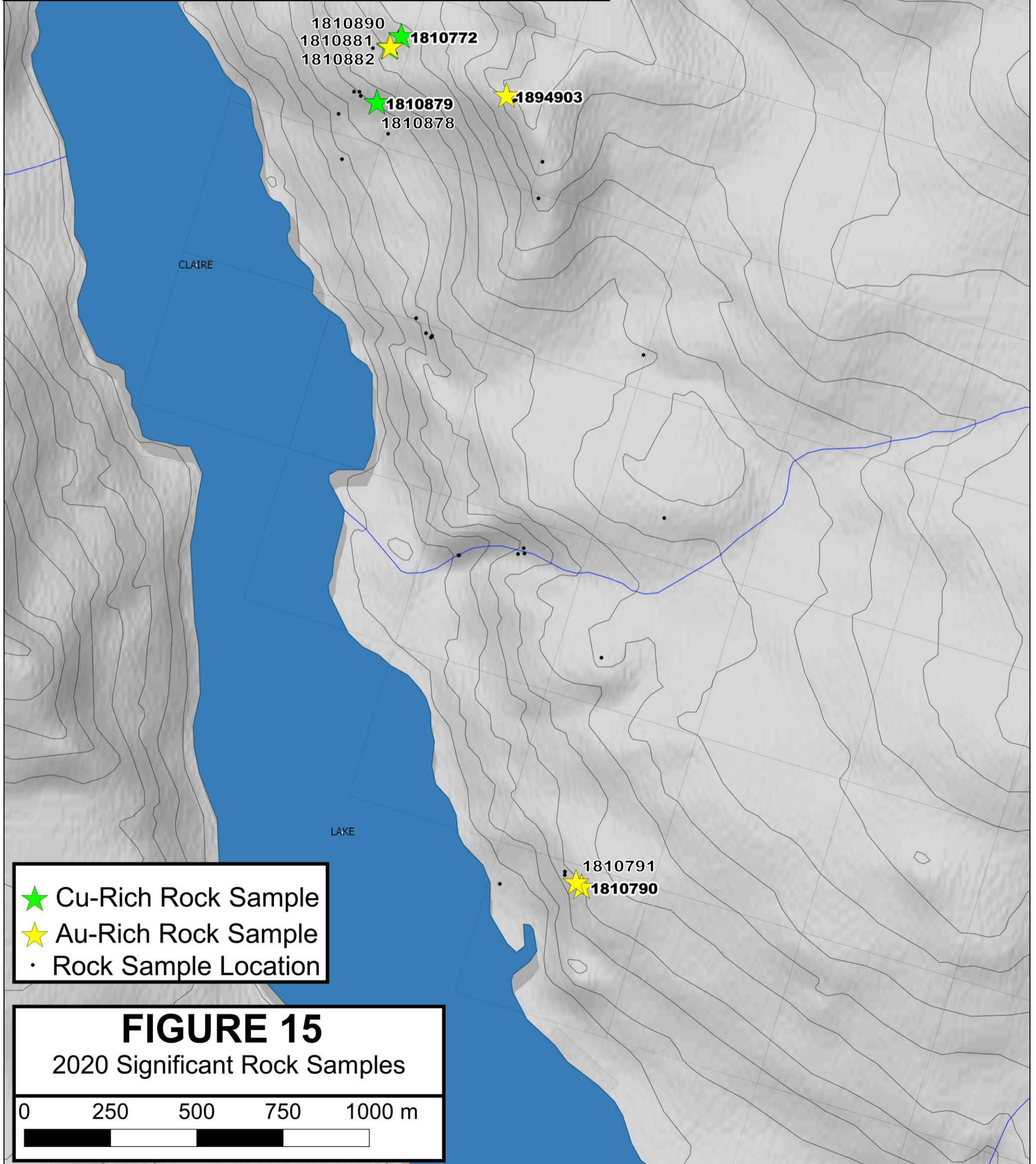








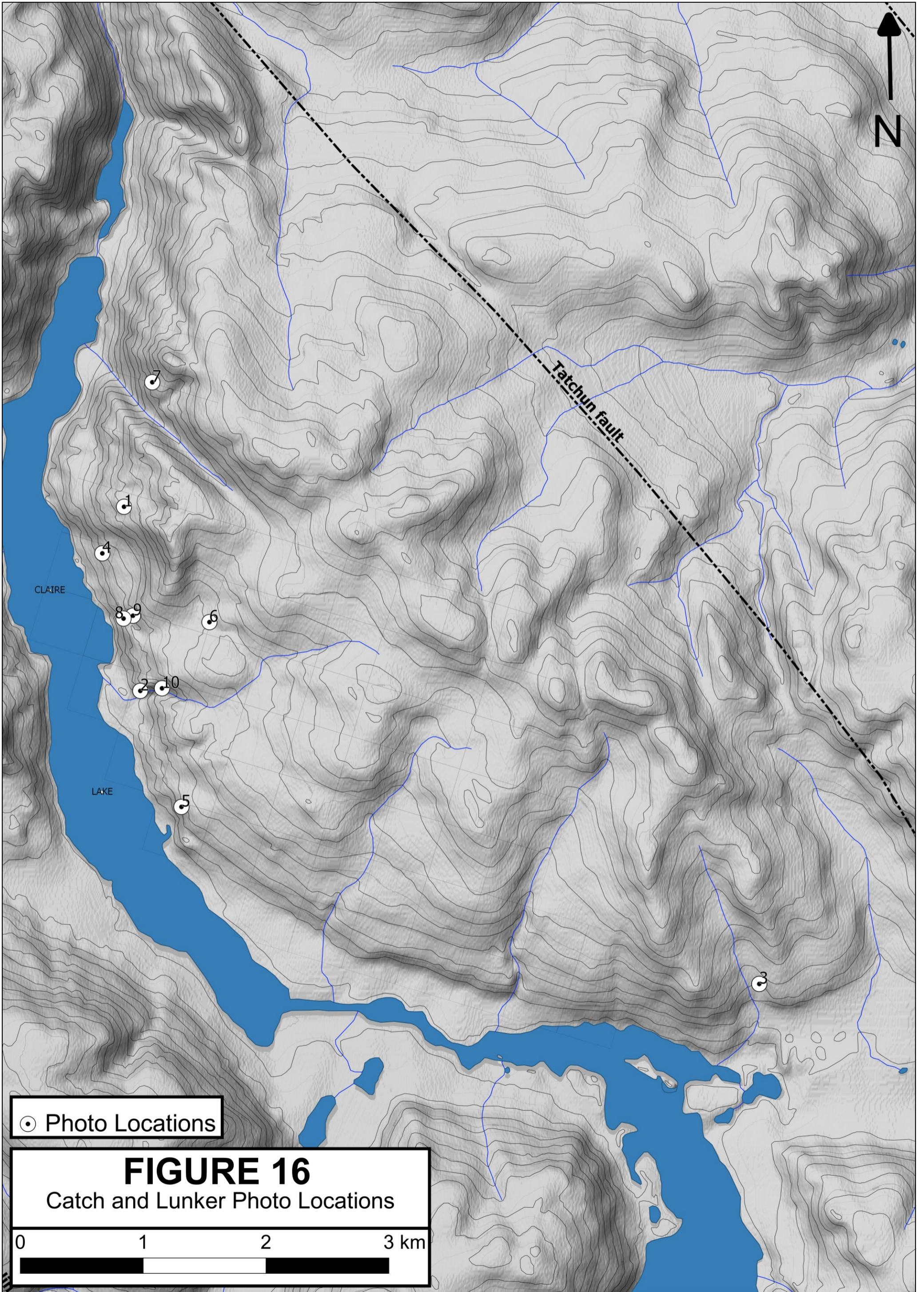
Sample_ID	lat	lon	Highlights
<b>1810772</b>	<b>61.88786</b>	<b>-135.33</b>	<b>0.62 % Cu</b>
<b>1810790</b>	<b>61.86576</b>	<b>-135.32</b>	<b>1.56 g/t Au, 0.10 % Cu</b>
1810791	61.86588	-135.321	0.49 g/t Au, 0.09 % Cu
1810878	61.88613	-135.332	0.12 g/t Au, 0.28 % Cu
1810879	61.88613	-135.332	0.2 % Cu, 0.06 g/t Au
<b>1810881</b>	<b>61.88757</b>	<b>-135.331</b>	<b>1.96 g/t Au, 0.046 % Cu, 228 ppm Mo</b>
1810882	61.88755	-135.331	0.14 g/t Au, 0.16 % Cu
1810890	61.88759	-135.331	0.27 g/t Au, 0.11 % Cu
<b>1894903</b>	<b>61.88632</b>	<b>-135.325</b>	<b>2.3 g/t Au, 687 ppm Cu, 9755 ppm Zn</b>



- ★ Cu-Rich Rock Sample
- ★ Au-Rich Rock Sample
- Rock Sample Location

**FIGURE 15**  
 2020 Significant Rock Samples

0 250 500 750 1000 m



## **Discussion and Conclusions**

Encouraging early-stage prospecting and geochemical sampling results on the Catch and Lunker properties warrant further investigation and work.

Mineralization observed to date suggests strong potential for both properties to host copper-gold porphyry mineralization. Propylitic alteration, brecciation, copper, and gold mineralization over a large area suggests a large-scale mineralizing system could be present in the vicinity of the Catch and Lunker claims.

Only 2.5 km away from the edge of the Catch claimblock is an interpreted mid-Cretaceous body mapped to the west (Figure 5, unit “mKN”). Mid to Late Cretaceous is a well recognized mineralizing event within the Yukon, which is responsible for the mineralization at Red Mountain, Klaza, Revenue-Nucleus and the Casino deposit. Alternatively, mineralization observed at Claire Lake could be related to Triassic-aged intrusive activity present along the ancient arc front of the Quesnel or Stikine terranes, and now buried beneath a thin veneer of till.

This area was regionally mapped as Semenov volcanics due to lack of outcrop exposure in the region. Evidence from recent fieldwork suggests this area contains more complex geology than previously recognized and deserves further work, given the occurrence of anomalous copper, gold, zinc, and molybdenum throughout the area.

### Work Recommendations

The following is recommended for future work on the Catch and Lunger properties:

- Infill geochemical sampling of the original till grid to 250-m spacing with tighter sample grids ovetop of anomalous tills identified from 2020 sampling
- Targeted contour sampling in areas of steep relief and little till cover east of Claire Lake
- Follow-up prospecting on anomalous Cu, V, Au, As, Mo till samples from 2020 prospecting
- Drone surveying of the Catch and Lunger claim blocks
- Hand-trenching in the areas with favourable Cu, Au and Ag mineralization from rock sampling
- Propylitic alteration intensity mapping and general geological mapping
- Airborne magnetic and electromagnetic survey to delineate potential intrusions at depth

Contingent upon positive results from further work, preliminary rotary air blast (RAB), reverse circulation (RC), or diamond drilling on the most prospective targets is recommended.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Ryan Burke", is centered on a light gray rectangular background.

Ryan Burke, B.Sc., G.I.T.



## References

Garwin, S.

- 2019 The geological characteristics, geochemical signature and geophysical expression of porphyry copper-(gold) deposits in the circum-Pacific region

Hart, C.

- 1997 Transect across Northern Stikinia: Geology of the Northern Whitehorse Map Area, Southern Yukon Territory (105D/130-16); Exploration and Geological Services Division, Yukon. Indian and Northern Affairs Canada, Bulletin B, pp. 112.

Keyser, H. J.

- 2002 Report on the 2001 geochemical work on the Mars property; prepared for Saturn Ventures Inc.; Assessment Report #094290.

Nikolett Kovacs, Murray M. Allan, James L. Crowley, Maurice Colpron, Craig J.R. Hart, Alex Zagorevski, Robert A. Creaser

- 2020 Carmacks Copper Cu-Au-Ag Deposit: Mineralization and Postore Migmatization of a Stikine Arc Porphyry Copper System in Yukon, Canada. *Economic Geology* ; 115 (7): 1413–1442.  
doi: <https://doi.org/10.5382/econgeo.4756>

Logan, James and Mihalynuk, Mitchell

- 2014 Tectonic Controls on Early Mesozoic Paired Alkaline Porphyry Deposit Belts (Cu-Au Ag-Pt-Pd-Mo) Within the Canadian Cordillera

Mackie, R.A., Arne, D.C. and Brown, O.

- 2015 Enhanced interpretation of regional geochemical stream sediment data from Yukon: catchment basin analysis and weighted sums modeling. Yukon Geological Survey, Open File 2015-10, 9 p.

Mihalasky, & Bookstrom, Arthur & Frost, Tom & Ludington, Steve & Logan, with & Panteleyev, & Abbot, G..

- 2010 Porphyry Copper Assessment of British Columbia and Yukon Territory, Canada.

Mihalynuk, Mitchell & Nelson, J. & Diakow, Larry.

- 1994 Cache Creek terrane entrapment: Oroclinal paradox within the Canadian Cordillera. *Tectonics*. 13. 575-595. 10.1029/93TC03492.

Nelson, J.L., Colpron, M. and Israel, S.

- 2013 The Cordillera of British Columbia, Yukon, and Alaska: Tectonics and metallogeny. *In: Tectonics, Metallogeny and discovery: The North American Cordillera and similar accretionary settings*, M. Colpron, T. Bissig, B.G. Rusk and J.F.H. Thompson (eds.), Society of Economic Geologists, Special Publication Number 17, p. 53–109.

Piercey, S.J. and Colpron, M.

- 2009 Composition and provenance of the Snowcap assemblage, basement to the Yukon-Tanana terrane, northern Cordillera: Implications for Cordilleran crustal growth. *Geosphere*, vol. 5, no. 5, p. 439–464.

Sack, P.J., Colpron, M., Crowley, J.L., Ryan, J.J., Allan, M.M., Beranek, L.P. and Joyce, N.L.,

- 2020 Atlas of Late Triassic to Jurassic plutons in the Intermontane terranes of Yukon. Yukon Geological Survey, Open File 2020-1, 365 p.

Seedorff, E., Barton, M.D., Stavast, W.J.A. and Maher, D.D.

- 2008 Root zones of porphyry systems: Extending the porphyry model to depth. *Economic Geology*, vol. 103, p. 939–956.

Tempelman-Kluit, D.J.

- 1984 Geology, Laberge (105E) and Carmacks (115I), Yukon Territory., G.S.C. Open File #1101

**APPENDIX I – Statement of Qualifications**

### **STATEMENT OF QUALIFICATIONS**

I, Ryan Burke, geologist in training, with business and residential addresses in Whitehorse, Yukon Territory, do hereby certify that:

1. I graduated in 2018 from Memorial University of Newfoundland and Labrador with a B.Sc. (Hons.) in Geological Sciences.
2. I am currently registered as a Geoscientist In Training (G.I.T.) with Professional Engineers & Geoscientists Newfoundland & Labrador (PEGNL).
3. I have worked every summer since 2010 in a role related to the mineral exploration industry within the Yukon.
4. I have participated in this field program and personally interpreted all data resulting from this work.

A handwritten signature in black ink, reading "Ryan Burke", is displayed on a light green rectangular background.

Ryan Burke, B.Sc., G.I.T.

**APPENDIX II – Statement of Expenditures**

**Statement of Expenditures**

---

<b>Daily Field Allowance</b>	<b>\$4,700.00</b>
<b>Total Air Transportation Costs (Plane)</b>	<b>\$3,334.59</b>
<b>Truck Rental</b>	<b>\$400.00</b>
<b>Total Wages Paid</b>	<b>\$18,950.00</b>
<b>Total Assays/Analyses Cost</b>	<b>\$4,670.10</b>
<b>Report Writing Costs</b>	<b>\$2,000.00</b>
<b>Cabin &amp; Boat Rental</b>	<b>\$5,234.70</b>
<b>WCB Coverage &amp; Generator Rental</b>	<b>\$703.04</b>
<hr/>	
<b>TOTAL EXPENDITURES</b>	<b>\$39,992.43</b>

**APPENDIX III - GEOCHEMICAL SAMPLE HANDLING AND  
ANALYTICAL PROCEDURES**

## SAMPLE HANDLING AND ANALYTICAL PROCEDURES

All rock and till samples collected during the 2020 program were sorted into rice bags and sealed with a plastic zap strap on the Pike property. Samples were brought to Whitehorse by field personnel.

All samples were delivered by truck to Bureau Veritas Laboratories (BV) in Whitehorse, Yukon.

### Rock Geochemical Samples

All rock sample sites in 2020 were marked with flagging tape labelled with the sample number. The location of each sample was determined using a handheld GPS unit. All samples sent for shipment were bagged in a plastic ore bag with an individually pre-numbered sample tag placed in each bag.

The rock samples were processed and prepared at BV in Whitehorse, Yukon where they were dried and fine crushed to -2 mm. A 250 g split was then pulverized to 75 micron, and then shipped to BV Labs in Vancouver, British Columbia. A portion of this material was digested in aqua regia before being analyzed for 36 elements by the inductively coupled plasma-mass spectrometry technique (AQ201).

### Till Geochemical Samples

All till geochemical samples collected on the property were marked with a handheld Garmin 64s GPS unit. Samples were collected with a 70-cm till auger. Sample depths varied from 40 to 70 cm depth. Sample locations were marked with orange flagging tape and labelled with sample number. Till samples were placed into individual pre-numbered kraft paper bags.

The till samples were sent to BV, where they were dried and screened to minus 180 microns. A 50 g split of the screened fraction was dissolved in aqua regia and analyzed by AQ201.

### Silt Stream Geochemical Samples

All silt geochemical samples collected on the property were marked with a handheld Garmin 64s GPS unit. Samples were collected with a D-spade shovel, targeting areas on the edges of creeks that were natural accumulation zones for fine-grained sediment. Around 5-kg of stream sediment was sieved through a 20-mesh screen into a plastic pan. From here, water was decanted off the top of the pan after settling of sediment had taken place. Sediment was then transferred into a 12 by 20 double-bagged sample bag. Additional settling of sample material occurred within the sample bag. From here, additional water was decanted from the sample bag. Samples were then flagged tightly shut with tape and put into backpacks for safe transport.

The silt samples were sent to BV, where they were dried and screened to minus 180 microns. A 50 g split of the screened fraction was dissolved in aqua regia and analyzed by AQ201.



**APPENDIX IV – Certificates of Analysis**



**BUREAU VERITAS** MINERAL LABORATORIES  
Canada

[www.bureauveritas.com/um](http://www.bureauveritas.com/um)

Bureau Veritas Commodities Canada Ltd.  
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada  
PHONE (604) 253-3158

**Client:** **Ryan Burke**  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3 Canada

Submitted By: Ryan Burke  
Receiving Lab: Canada-Whitehorse  
Received: July 07, 2020  
Analysis Start: July 15, 2020  
Report Date: August 03, 2020  
Page: 1 of 5

# CERTIFICATE OF ANALYSIS

WHI20000089.1

## CLIENT JOB INFORMATION

Project: KT  
Shipment ID:  
P.O. Number  
Number of Samples: 115

## SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps  
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
DY060	115	Dry at 60C			WHI
SS80	115	Dry at 60C sieve 100g to -80 mesh			WHI
SVRJT	115	Save all or part of Soil Reject			WHI
AQ201	115	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SHP01	115	Per sample shipping charges for branch shipments			VAN

## ADDITIONAL COMMENTS

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Ryan Burke  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3  
Canada

CC: Michael Burke



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.  
\*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Ryan Burke**  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3 Canada

Project: KT  
Report Date: August 03, 2020

Page: 2 of 5

Part: 1 of 2

# CERTIFICATE OF ANALYSIS

# WHI20000089.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
1810752	Till	2.2	84.0	4.6	54	0.2	18.1	15.9	499	3.64	43.8	0.8	3.5	1.1	64	0.1	2.7	0.2	88	2.36	0.036
1810756	Till	0.5	121.7	3.7	44	<0.1	22.4	23.7	981	4.25	11.3	0.3	4.7	1.3	37	<0.1	0.4	<0.1	142	1.44	0.024
1810757	Till	0.8	54.5	8.1	176	<0.1	22.4	17.8	892	4.17	7.7	0.2	0.6	1.1	16	0.4	0.5	0.1	127	0.62	0.014
1810758	Till	0.6	39.0	4.8	34	<0.1	14.1	8.9	312	2.20	4.9	0.3	1.7	1.6	24	<0.1	0.3	<0.1	68	0.44	0.020
1810759	Till	1.0	34.9	9.7	44	<0.1	23.5	11.0	461	2.53	6.6	0.5	2.5	2.1	34	0.1	0.3	0.1	72	0.73	0.043
1810761	Till	0.7	28.5	11.1	48	<0.1	17.7	9.3	466	2.38	5.6	0.4	5.8	1.9	25	0.1	0.4	0.1	72	0.49	0.027
1810762	Till	0.9	62.0	5.8	52	<0.1	30.2	15.6	469	3.77	7.0	0.4	1.4	1.8	28	<0.1	0.5	0.1	142	0.61	0.022
1810763	Till	0.9	37.5	10.6	53	<0.1	25.7	11.3	445	2.87	8.4	0.8	3.2	3.6	28	<0.1	0.6	0.2	79	0.48	0.031
1810765	Till	0.7	37.8	6.8	46	<0.1	24.2	11.2	373	3.02	6.7	0.5	1.9	3.2	30	<0.1	0.5	0.1	94	0.47	0.024
1810767	Till	0.7	39.9	5.7	48	<0.1	19.8	11.8	592	2.36	5.7	0.6	2.0	1.3	36	0.2	0.5	<0.1	72	0.90	0.063
1810776	Till	0.9	67.6	8.3	54	<0.1	23.0	14.1	544	3.45	10.4	0.5	4.8	2.1	58	<0.1	0.6	<0.1	105	1.34	0.043
1810777	Till	0.9	63.7	11.5	52	<0.1	21.6	13.9	431	2.86	7.7	0.5	5.6	1.8	61	0.2	0.6	<0.1	92	2.05	0.051
1810778	Till	0.8	79.9	8.2	47	0.1	22.2	14.4	563	3.58	8.9	0.5	2.1	2.5	31	<0.1	0.5	0.1	111	0.68	0.019
1810779	Till	0.7	28.4	10.5	39	<0.1	19.4	8.1	315	2.38	6.8	0.6	5.3	3.3	25	<0.1	0.5	0.1	65	0.45	0.043
1810780	Till	0.5	42.3	5.7	40	<0.1	17.0	12.0	447	3.10	6.5	0.5	2.6	2.4	29	<0.1	0.5	0.1	108	0.62	0.019
1810782	Till	0.3	170.0	3.8	73	<0.1	47.6	37.8	1311	7.13	8.3	0.4	4.3	1.0	29	0.1	0.2	<0.1	273	1.64	0.034
1810783	Till	0.6	55.8	2.9	34	<0.1	18.1	13.9	511	2.95	4.3	0.4	1.4	1.3	37	0.1	0.2	<0.1	116	0.92	0.043
1810784	Till	0.4	85.8	5.0	53	<0.1	22.1	18.6	1181	4.55	4.2	0.8	3.8	1.6	56	<0.1	0.3	<0.1	165	1.68	0.028
1810785	Till	0.4	40.9	8.1	36	<0.1	15.3	8.6	399	2.38	7.8	0.7	5.4	3.1	24	<0.1	0.6	0.1	70	0.49	0.029
1810786	Till	0.4	41.0	6.2	37	<0.1	15.2	8.9	391	2.12	5.1	1.1	2.2	1.9	35	<0.1	0.3	0.1	57	0.90	0.050
1810787	Till	0.8	88.2	8.2	62	0.2	23.2	16.5	759	3.64	12.4	0.6	9.6	1.8	44	0.2	0.9	<0.1	107	0.99	0.052
1810788	Till	0.7	37.2	10.7	38	<0.1	18.6	10.2	509	2.54	9.7	0.4	2.3	2.0	29	<0.1	0.4	0.1	79	0.51	0.022
1810789	Till	0.6	34.7	6.2	50	<0.1	21.4	9.9	475	2.49	7.0	0.4	3.2	3.4	32	<0.1	0.5	0.1	64	0.64	0.040
1810797	Till	0.9	48.0	11.8	46	<0.1	25.0	12.9	557	3.44	7.5	0.6	4.2	2.2	52	<0.1	0.6	<0.1	107	1.05	0.037
1810798	Till	0.7	47.7	6.5	51	<0.1	29.7	13.1	432	3.30	7.4	0.4	1.4	2.0	38	<0.1	0.4	<0.1	111	0.73	0.040
1810800	Till	0.5	48.0	9.2	34	<0.1	16.8	7.6	373	2.26	6.0	0.4	4.1	2.5	33	<0.1	0.3	<0.1	70	0.75	0.047
1810801	Till	0.6	56.4	7.2	40	<0.1	20.0	13.5	494	3.07	8.8	0.4	2.7	1.8	29	<0.1	0.5	<0.1	98	0.66	0.024
1810803	Till	0.7	40.3	9.4	40	<0.1	19.7	14.1	684	3.66	5.8	0.4	1.6	1.9	24	<0.1	0.3	<0.1	109	0.64	0.037
1810804	Till	0.6	25.7	6.7	49	<0.1	22.3	11.7	368	2.84	7.2	0.6	2.4	3.6	25	<0.1	0.4	0.2	81	0.39	0.026
1810805	Till	0.4	43.9	8.4	41	0.1	18.8	11.2	348	2.48	4.4	0.9	3.6	2.1	37	<0.1	0.4	0.1	85	1.12	0.058



**BUREAU VERITAS** MINERAL LABORATORIES  
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Client: **Ryan Burke**  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3 Canada

Project: KT  
Report Date: August 03, 2020

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# CERTIFICATE OF ANALYSIS

WHI20000089.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1810752	Till	7	31	0.43	92	0.034	6	0.97	0.026	0.06	0.1	0.07	12.6	0.1	<0.05	3	1.4	<0.2
1810756	Till	6	65	1.47	133	0.048	7	3.45	0.021	0.09	<0.1	0.04	19.8	<0.1	<0.05	8	0.8	<0.2
1810757	Till	4	55	0.92	112	0.040	2	2.60	0.017	0.05	<0.1	0.02	10.9	<0.1	<0.05	8	0.7	<0.2
1810758	Till	8	27	0.50	116	0.059	2	1.56	0.020	0.06	<0.1	0.02	5.7	<0.1	<0.05	5	<0.5	<0.2
1810759	Till	9	40	0.66	167	0.067	2	2.03	0.020	0.07	0.1	0.02	5.5	<0.1	<0.05	6	<0.5	<0.2
1810761	Till	7	33	0.56	181	0.063	2	1.84	0.018	0.06	<0.1	0.02	5.6	<0.1	<0.05	5	<0.5	<0.2
1810762	Till	6	40	0.96	210	0.089	3	3.57	0.019	0.05	<0.1	0.02	11.3	0.1	<0.05	9	<0.5	<0.2
1810763	Till	14	40	0.70	207	0.080	2	1.97	0.018	0.07	0.1	0.02	8.9	0.2	<0.05	6	<0.5	<0.2
1810765	Till	10	40	0.73	195	0.088	1	2.57	0.019	0.05	0.1	0.02	7.0	0.1	<0.05	7	<0.5	<0.2
1810767	Till	9	32	0.58	169	0.057	3	1.51	0.029	0.05	<0.1	0.04	7.3	<0.1	<0.05	5	<0.5	<0.2
1810776	Till	10	46	1.05	119	0.085	9	2.32	0.035	0.06	<0.1	0.08	13.4	<0.1	<0.05	6	0.6	<0.2
1810777	Till	8	43	0.89	144	0.077	6	1.90	0.034	0.06	<0.1	0.06	10.7	<0.1	<0.05	5	0.6	<0.2
1810778	Till	9	45	0.86	124	0.083	2	2.74	0.027	0.08	<0.1	0.03	13.9	<0.1	<0.05	7	<0.5	<0.2
1810779	Till	11	34	0.56	171	0.072	1	1.79	0.018	0.07	0.1	0.02	6.6	<0.1	<0.05	5	<0.5	<0.2
1810780	Till	8	38	0.69	173	0.077	2	2.49	0.018	0.06	<0.1	0.02	10.6	<0.1	<0.05	7	<0.5	<0.2
1810782	Till	5	136	2.01	67	0.110	6	4.33	0.017	0.08	<0.1	0.02	46.1	<0.1	<0.05	12	<0.5	<0.2
1810783	Till	5	29	0.82	111	0.125	2	2.99	0.023	0.03	<0.1	0.03	9.8	<0.1	<0.05	7	<0.5	<0.2
1810784	Till	8	43	1.22	147	0.144	2	3.74	0.036	0.04	<0.1	0.03	25.2	<0.1	<0.05	9	<0.5	<0.2
1810785	Till	11	32	0.56	138	0.052	1	1.53	0.017	0.04	0.1	0.02	8.7	<0.1	<0.05	5	<0.5	<0.2
1810786	Till	10	29	0.56	216	0.051	1	1.55	0.022	0.05	0.1	0.06	5.8	<0.1	<0.05	5	<0.5	<0.2
1810787	Till	12	52	0.92	163	0.057	3	2.45	0.032	0.06	<0.1	0.43	18.7	<0.1	<0.05	6	0.6	<0.2
1810788	Till	8	38	0.62	195	0.071	1	2.10	0.020	0.04	0.1	0.02	6.9	<0.1	<0.05	6	<0.5	<0.2
1810789	Till	12	35	0.59	159	0.079	2	1.60	0.026	0.09	0.2	0.02	6.6	<0.1	<0.05	5	<0.5	<0.2
1810797	Till	11	39	0.77	140	0.119	3	2.55	0.038	0.06	<0.1	0.06	15.5	<0.1	<0.05	7	<0.5	<0.2
1810798	Till	8	41	0.86	245	0.091	2	2.74	0.022	0.05	<0.1	0.02	8.5	0.1	<0.05	7	<0.5	<0.2
1810800	Till	10	26	0.51	97	0.080	2	1.45	0.038	0.05	0.1	0.03	7.9	<0.1	<0.05	4	<0.5	<0.2
1810801	Till	8	40	0.79	97	0.093	2	2.14	0.022	0.08	<0.1	0.02	9.5	<0.1	<0.05	6	0.5	<0.2
1810803	Till	8	37	0.58	130	0.084	5	2.00	0.019	0.26	<0.1	0.03	14.3	<0.1	<0.05	6	<0.5	<0.2
1810804	Till	11	39	0.71	204	0.093	1	2.39	0.016	0.06	0.2	0.01	5.8	0.1	<0.05	7	<0.5	<0.2
1810805	Till	11	34	0.71	179	0.071	2	2.02	0.028	0.04	0.1	0.08	9.0	<0.1	<0.05	6	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

**Client:** **Ryan Burke**  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3 Canada

**Project:** KT  
**Report Date:** August 03, 2020

**Page:** 3 of 5

**Part:** 1 of 2

# CERTIFICATE OF ANALYSIS

# WHI20000089.1

	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1810806	Till	0.6	33.3	6.0	42	<0.1	19.9	11.9	327	2.96	7.2	0.4	1.7	2.1	19	0.1	0.4	0.1	84	0.32	0.033
1810807	Till	0.6	43.9	6.8	50	<0.1	22.9	12.6	624	3.07	6.0	0.4	1.9	2.3	28	<0.1	0.3	0.1	94	0.58	0.040
1810809	Till	1.0	291.0	6.5	111	0.2	33.6	36.9	864	5.27	8.0	0.3	16.7	1.1	48	0.3	0.3	0.1	176	1.82	0.030
1810810	Till	1.3	250.9	12.5	449	0.3	31.3	49.1	1625	6.09	11.3	0.4	24.6	0.9	64	1.7	0.5	0.1	177	2.62	0.011
1810811	Till	0.7	39.0	6.8	37	<0.1	16.8	8.6	217	2.04	4.5	0.3	13.1	2.2	18	<0.1	0.3	0.1	61	0.35	0.011
1810812	Till	0.5	29.4	8.2	38	<0.1	19.1	8.1	316	2.41	4.3	0.4	3.3	2.2	27	<0.1	0.2	0.1	75	0.70	0.015
1810813	Till	0.5	31.3	6.1	39	<0.1	20.6	7.9	338	2.29	5.3	0.4	0.8	2.4	21	<0.1	0.3	0.1	65	0.44	0.018
1810814	Till	0.7	61.0	6.0	50	<0.1	24.0	14.2	478	3.33	8.2	0.4	21.9	2.1	27	<0.1	0.4	0.1	100	0.49	0.026
1810815	Till	0.9	20.8	7.7	49	<0.1	20.2	11.5	360	2.75	7.4	0.5	2.1	2.5	24	0.1	0.3	0.1	81	0.43	0.029
1810816	Till	0.7	25.0	7.1	49	<0.1	23.0	9.6	323	2.75	7.5	0.6	6.4	3.7	25	<0.1	0.4	0.1	76	0.34	0.024
1810817	Till	0.4	54.7	4.0	48	<0.1	17.9	11.4	439	2.57	5.6	0.6	1.7	1.2	41	<0.1	0.2	<0.1	96	1.38	0.059
1810818	Till	1.1	26.7	8.3	46	<0.1	22.8	9.9	344	2.59	7.3	0.5	9.6	2.3	23	<0.1	0.5	0.1	73	0.37	0.016
1810819	Till	1.5	91.4	7.8	67	0.1	26.4	18.2	836	4.61	10.7	0.5	5.2	1.1	61	0.2	0.6	<0.1	120	1.40	0.049
1810820	Till	0.9	46.3	8.9	49	<0.1	18.9	10.7	400	3.04	15.2	0.8	3.2	1.6	35	0.1	0.6	0.1	90	0.82	0.019
1810821	Till	0.5	61.0	6.8	56	0.2	15.8	12.5	571	2.75	3.4	0.6	2.1	2.3	26	0.1	0.2	0.1	83	0.47	0.025
1810823	Till	0.7	65.7	7.1	36	<0.1	19.0	11.9	290	4.01	4.4	0.7	1.5	2.2	41	<0.1	0.3	<0.1	109	0.57	0.021
1810824	Till	0.7	45.1	6.5	40	<0.1	21.2	11.1	322	2.98	10.5	0.5	1.7	3.0	28	<0.1	0.5	<0.1	84	0.55	0.018
1810825	Till	0.3	26.1	7.0	55	<0.1	15.2	7.9	293	2.18	7.4	0.6	2.6	2.8	32	<0.1	0.3	0.1	51	0.82	0.056
1810826	Till	0.8	78.5	8.8	45	0.2	21.5	18.7	720	3.75	83.9	0.4	11.2	2.0	21	<0.1	0.6	0.1	112	0.76	0.027
1810827	Till	1.5	18.2	12.6	57	<0.1	8.1	5.5	247	1.85	23.1	0.6	0.5	2.9	13	0.4	1.2	0.2	38	0.25	0.016
1810828	Till	1.3	50.9	6.3	52	<0.1	24.8	11.4	553	2.87	8.5	0.5	2.8	2.0	80	0.1	0.5	<0.1	90	1.91	0.049
1810829	Till	0.4	40.8	4.7	42	0.1	16.0	8.9	294	2.05	3.6	1.7	2.0	1.1	65	0.2	0.4	<0.1	76	1.46	0.067
1810830	Till	1.0	70.1	10.2	52	<0.1	32.2	16.1	684	3.91	12.9	0.5	29.9	2.0	41	<0.1	0.5	<0.1	137	0.94	0.025
1810831	Till	0.9	29.1	7.7	55	<0.1	21.9	10.7	353	2.41	6.5	0.5	1.6	2.2	37	0.2	0.5	0.1	73	0.76	0.043
1810832	Till	0.6	30.9	6.2	43	0.1	19.6	10.1	415	2.31	5.7	0.6	2.1	1.9	42	<0.1	0.3	0.1	69	1.15	0.045
1810833	Till	0.8	31.4	5.6	54	<0.1	21.4	9.3	341	2.56	7.0	0.4	3.3	2.0	32	0.1	0.4	<0.1	80	0.61	0.030
1810835	Till	0.7	45.9	6.4	48	0.1	21.0	10.5	587	2.62	6.3	0.8	1.3	2.0	48	0.1	0.4	0.1	85	1.02	0.054
1810837	Till	0.9	42.1	9.6	36	0.1	22.0	9.6	307	2.89	13.3	0.5	125.9	3.5	32	<0.1	0.6	0.1	80	0.55	0.015
1810838	Till	0.7	36.0	5.5	42	<0.1	20.5	9.2	403	2.40	9.1	0.5	2.8	2.6	73	0.1	0.5	<0.1	66	3.14	0.056
1810839	Till	1.3	51.1	6.7	56	0.1	22.0	12.3	356	2.86	5.9	1.0	3.2	1.9	74	0.2	0.6	<0.1	87	1.44	0.065

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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**Project:** KT  
**Report Date:** August 03, 2020

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# CERTIFICATE OF ANALYSIS

# WHI20000089.1

	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1810806	Till	8	33	0.61	142	0.084	2	2.16	0.014	0.05	0.2	0.02	5.0	<0.1	<0.05	7	<0.5	<0.2
1810807	Till	8	37	0.74	142	0.096	1	2.42	0.019	0.07	0.2	0.02	6.6	<0.1	<0.05	7	<0.5	<0.2
1810809	Till	4	77	1.52	119	0.097	3	4.63	0.018	0.06	<0.1	0.07	15.4	<0.1	<0.05	11	1.4	0.3
1810810	Till	4	70	1.52	145	0.064	2	6.10	0.036	0.05	<0.1	0.05	22.4	<0.1	<0.05	13	1.1	0.3
1810811	Till	7	34	0.45	87	0.078	2	1.62	0.017	0.04	0.1	<0.01	3.6	<0.1	<0.05	5	<0.5	<0.2
1810812	Till	7	41	0.72	160	0.090	2	2.50	0.017	0.06	<0.1	0.01	6.5	<0.1	<0.05	6	0.6	<0.2
1810813	Till	7	32	0.58	138	0.081	1	2.11	0.016	0.04	0.2	<0.01	4.7	<0.1	<0.05	6	<0.5	<0.2
1810814	Till	7	43	0.95	175	0.072	2	3.00	0.019	0.05	0.1	0.02	7.5	<0.1	<0.05	7	<0.5	<0.2
1810815	Till	9	39	0.76	197	0.093	2	2.09	0.015	0.09	0.2	0.03	5.5	<0.1	<0.05	7	<0.5	<0.2
1810816	Till	10	36	0.66	181	0.103	2	2.34	0.016	0.07	0.2	0.02	5.4	0.1	<0.05	6	<0.5	<0.2
1810817	Till	7	32	0.63	95	0.071	6	1.81	0.027	0.04	<0.1	0.14	14.0	<0.1	0.06	5	0.7	<0.2
1810818	Till	10	34	0.59	163	0.070	2	1.95	0.017	0.06	<0.1	0.02	5.8	0.1	<0.05	5	<0.5	<0.2
1810819	Till	9	37	0.83	155	0.026	8	2.04	0.025	0.07	<0.1	0.14	23.4	0.1	<0.05	6	0.7	<0.2
1810820	Till	7	35	0.60	169	0.061	3	2.22	0.023	0.05	0.1	0.02	7.7	<0.1	<0.05	6	<0.5	<0.2
1810821	Till	7	44	0.73	207	0.058	2	2.23	0.023	0.09	<0.1	0.01	9.0	<0.1	<0.05	6	<0.5	<0.2
1810823	Till	7	53	0.92	75	0.092	2	2.19	0.030	0.05	<0.1	0.05	9.8	<0.1	0.08	7	2.6	<0.2
1810824	Till	11	44	0.70	89	0.089	3	1.92	0.022	0.10	0.1	0.04	10.3	<0.1	<0.05	5	0.6	<0.2
1810825	Till	11	30	0.59	83	0.076	4	1.27	0.027	0.13	0.1	0.02	5.5	<0.1	<0.05	4	1.0	<0.2
1810826	Till	8	62	0.96	93	0.040	5	2.15	0.027	0.06	<0.1	0.03	15.3	<0.1	<0.05	6	0.9	<0.2
1810827	Till	11	14	0.22	56	0.016	1	0.92	0.010	0.07	<0.1	<0.01	2.1	<0.1	<0.05	3	<0.5	<0.2
1810828	Till	9	36	0.73	168	0.090	7	1.66	0.038	0.07	<0.1	0.07	10.0	<0.1	<0.05	5	0.7	<0.2
1810829	Till	9	24	0.59	150	0.082	5	1.43	0.029	0.05	0.1	0.05	6.7	<0.1	0.06	4	0.7	<0.2
1810830	Till	9	55	0.94	141	0.112	4	2.52	0.039	0.06	<0.1	0.07	19.0	<0.1	<0.05	7	0.6	<0.2
1810831	Till	9	32	0.60	168	0.077	2	1.96	0.026	0.06	0.2	0.04	6.2	0.1	<0.05	6	0.6	<0.2
1810832	Till	10	31	0.63	163	0.075	2	1.73	0.023	0.05	0.1	0.06	6.5	<0.1	<0.05	5	<0.5	<0.2
1810833	Till	7	32	0.60	149	0.088	2	2.05	0.022	0.06	0.1	0.03	6.1	<0.1	<0.05	5	<0.5	<0.2
1810835	Till	11	29	0.67	186	0.087	3	1.72	0.032	0.05	0.1	0.04	8.5	<0.1	<0.05	5	<0.5	<0.2
1810837	Till	13	35	0.50	109	0.095	3	1.67	0.024	0.12	0.1	0.05	10.9	0.1	<0.05	5	<0.5	<0.2
1810838	Till	11	28	0.59	135	0.077	3	1.24	0.025	0.09	0.1	0.03	6.2	0.1	<0.05	4	<0.5	<0.2
1810839	Till	9	34	0.88	108	0.092	16	1.65	0.041	0.08	<0.1	0.08	10.3	<0.1	0.06	5	0.8	<0.2



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**Project:** KT  
**Report Date:** August 03, 2020

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# CERTIFICATE OF ANALYSIS

WHI20000089.1

Method Analyte	Unit	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
MDL	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
1810840	Till	1.0	52.1	7.9	46	<0.1	22.5	12.0	425	3.26	12.3	0.4	3.1	2.1	63	<0.1	0.6	<0.1	103	1.39	0.028
1810841	Till	0.8	28.0	5.9	33	<0.1	19.4	9.5	291	2.85	7.6	0.5	1.4	2.6	33	<0.1	0.4	0.1	89	0.55	0.012
1810842	Till	0.8	25.1	6.8	45	<0.1	29.0	10.5	279	2.60	7.8	0.5	3.2	3.1	25	<0.1	0.4	0.1	65	0.41	0.048
1810843	Till	0.6	38.7	9.5	40	<0.1	30.4	9.7	278	2.70	8.1	0.7	4.0	4.8	28	<0.1	0.4	0.2	66	0.44	0.024
1810844	Till	0.7	46.0	5.6	47	<0.1	21.2	11.7	603	2.68	5.7	0.8	2.0	2.2	67	<0.1	0.4	<0.1	95	1.09	0.062
1810847	Till	0.6	34.6	6.3	42	<0.1	18.1	9.5	464	2.18	6.2	0.5	1.7	1.7	51	<0.1	0.4	<0.1	66	1.02	0.050
1810848	Till	0.6	17.6	7.4	42	<0.1	17.8	6.8	220	2.05	5.7	0.7	1.3	2.9	33	<0.1	0.3	0.2	61	0.54	0.035
1810849	Till	1.3	64.3	7.0	56	<0.1	33.7	15.7	500	4.09	11.5	0.5	2.7	2.1	47	<0.1	0.8	<0.1	117	0.94	0.024
1810851	Till	0.5	73.6	4.2	46	<0.1	18.1	17.4	678	4.40	5.3	0.5	2.3	1.8	56	<0.1	0.3	0.2	145	1.31	0.017
1810852	Till	1.3	55.0	9.8	64	<0.1	33.1	14.6	556	3.71	9.0	0.6	3.5	2.8	47	<0.1	1.0	<0.1	107	1.04	0.050
1810853	Till	0.7	47.4	8.9	40	<0.1	21.7	13.2	583	3.14	7.8	0.5	3.2	2.0	38	<0.1	0.7	<0.1	92	0.89	0.034
1810856	Till	0.6	37.7	6.2	39	0.1	21.2	10.0	337	2.81	7.3	0.7	2.0	2.7	51	<0.1	0.5	<0.1	84	0.82	0.028
1810857	Till	0.8	37.4	5.3	46	<0.1	19.8	10.8	515	2.76	8.0	0.4	2.2	2.1	60	<0.1	0.5	<0.1	87	1.08	0.063
1810858	Till	0.8	38.7	5.6	41	<0.1	26.5	11.3	431	3.22	7.0	0.6	0.9	2.2	59	<0.1	0.4	<0.1	95	0.73	0.040
1810860	Till	1.2	59.9	9.4	60	<0.1	34.3	13.7	599	3.58	10.5	0.6	3.7	2.3	47	0.1	1.1	<0.1	91	0.72	0.042
1810861	Till	1.1	79.7	6.5	63	0.1	22.6	17.2	801	4.19	10.7	0.6	4.2	2.0	71	0.1	0.7	<0.1	145	1.46	0.070
1810862	Till	0.7	145.2	7.0	79	<0.1	24.9	27.2	1516	7.37	81.9	0.3	3.4	0.7	40	0.1	1.2	<0.1	243	0.90	0.038
1810864	Till	0.9	42.8	7.5	52	<0.1	23.2	13.0	682	3.08	8.5	0.5	3.6	2.3	82	0.2	0.6	<0.1	89	2.48	0.064
1810865	Till	1.2	54.3	14.2	66	<0.1	25.0	16.3	808	3.60	10.7	0.5	2.3	2.0	113	0.3	0.8	<0.1	102	4.51	0.061
1810868	Till	0.9	51.2	6.7	54	<0.1	22.0	13.3	707	3.20	7.4	0.5	2.0	1.9	72	0.2	0.6	<0.1	100	2.31	0.060
1810869	Till	0.3	16.4	3.9	33	<0.1	10.3	6.9	405	2.26	3.0	0.4	0.6	1.5	52	<0.1	0.2	<0.1	64	1.26	0.059
1810870	Till	0.7	48.5	4.6	49	<0.1	23.2	14.0	525	3.51	6.5	0.5	2.3	1.6	91	0.1	0.4	<0.1	98	1.57	0.054
1810871	Till	1.1	43.5	9.0	51	<0.1	26.0	13.1	603	3.58	8.2	0.7	2.3	2.9	66	<0.1	0.6	<0.1	113	1.01	0.039
1810872	Till	1.1	40.8	10.3	47	<0.1	21.3	10.3	496	2.75	7.4	0.4	3.0	2.1	58	0.1	0.6	<0.1	83	1.43	0.055
1810874	Till	0.8	48.4	7.4	52	<0.1	21.5	12.8	591	3.05	7.4	0.5	2.6	1.9	72	0.1	0.6	<0.1	97	1.98	0.058
1810875	Till	0.9	30.2	9.3	45	<0.1	23.7	12.1	416	3.13	7.4	0.8	1.7	2.9	38	<0.1	0.6	0.1	88	0.71	0.032
1810901	Till	1.3	36.7	8.4	40	<0.1	21.8	9.2	320	2.87	10.3	0.4	1.5	1.9	31	<0.1	0.8	<0.1	76	0.55	0.026
1810902	Till	0.7	41.4	12.5	41	<0.1	20.9	10.4	418	2.84	6.3	0.5	1.9	2.4	27	<0.1	0.5	0.1	87	0.48	0.022
1810903	Till	0.9	37.0	12.1	43	<0.1	23.3	12.6	541	3.30	8.9	0.6	1.3	2.0	43	<0.1	0.6	<0.1	99	0.68	0.021
1810904	Till	0.5	31.6	5.5	34	0.1	17.8	10.7	653	2.26	4.8	0.8	2.5	1.8	33	<0.1	0.5	0.1	59	0.93	0.053

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**Report Date:** August 03, 2020

**Page:** 4 of 5

**Part:** 2 of 2

# CERTIFICATE OF ANALYSIS

# WHI20000089.1

Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1810840	Till	9	36	0.72	161	0.096	7	2.07	0.043	0.07	<0.1	0.06	11.4	0.1	<0.05	6	<0.5	<0.2
1810841	Till	10	36	0.52	114	0.092	3	2.17	0.025	0.06	<0.1	0.04	9.3	<0.1	<0.05	6	<0.5	<0.2
1810842	Till	10	38	0.70	159	0.085	2	1.98	0.016	0.07	0.2	0.01	4.7	0.1	<0.05	5	<0.5	<0.2
1810843	Till	15	50	0.67	189	0.088	1	1.78	0.017	0.05	0.2	0.03	7.8	<0.1	<0.05	5	<0.5	<0.2
1810844	Till	12	31	0.69	191	0.090	3	2.06	0.044	0.05	<0.1	0.08	9.4	<0.1	<0.05	6	<0.5	<0.2
1810847	Till	9	26	0.54	155	0.068	3	1.34	0.039	0.05	0.1	0.09	6.0	<0.1	<0.05	4	0.5	<0.2
1810848	Till	11	32	0.52	172	0.080	1	1.59	0.015	0.05	0.2	0.02	4.2	0.1	<0.05	6	<0.5	<0.2
1810849	Till	10	55	0.98	220	0.084	3	2.97	0.043	0.06	<0.1	0.03	11.7	0.1	<0.05	8	<0.5	<0.2
1810851	Till	7	37	1.25	208	0.135	7	3.18	0.037	0.10	<0.1	0.02	18.3	<0.1	<0.05	9	<0.5	<0.2
1810852	Till	13	46	1.05	151	0.117	4	2.29	0.032	0.06	0.1	0.05	13.0	<0.1	<0.05	7	<0.5	<0.2
1810853	Till	11	35	0.79	163	0.084	3	1.92	0.040	0.05	0.1	0.04	11.8	<0.1	<0.05	5	<0.5	<0.2
1810856	Till	14	34	0.63	143	0.097	3	1.86	0.040	0.08	0.1	0.03	10.4	<0.1	<0.05	5	<0.5	<0.2
1810857	Till	10	26	0.68	127	0.101	4	1.71	0.068	0.04	<0.1	0.05	9.0	<0.1	<0.05	5	<0.5	<0.2
1810858	Till	8	33	0.77	279	0.090	3	2.70	0.048	0.05	<0.1	0.03	8.4	<0.1	<0.05	6	<0.5	<0.2
1810860	Till	11	40	0.78	191	0.080	3	2.02	0.052	0.06	0.1	0.07	11.8	0.1	<0.05	6	<0.5	<0.2
1810861	Till	10	29	1.05	170	0.100	5	2.85	0.113	0.07	<0.1	0.06	15.7	<0.1	<0.05	8	<0.5	<0.2
1810862	Till	4	35	0.35	82	0.009	4	0.90	0.012	0.05	<0.1	0.58	47.7	0.8	<0.05	3	<0.5	<0.2
1810864	Till	11	35	0.80	183	0.089	4	1.81	0.062	0.06	<0.1	0.07	10.1	<0.1	<0.05	5	<0.5	<0.2
1810865	Till	9	36	0.99	167	0.083	5	2.11	0.039	0.10	<0.1	0.09	12.2	0.1	<0.05	6	<0.5	<0.2
1810868	Till	9	34	0.84	178	0.100	4	1.95	0.055	0.07	<0.1	0.05	11.1	<0.1	<0.05	5	<0.5	<0.2
1810869	Till	6	14	0.43	96	0.040	2	2.43	0.017	0.04	<0.1	0.01	3.9	<0.1	<0.05	6	<0.5	<0.2
1810870	Till	9	39	0.70	153	0.040	6	2.14	0.056	0.06	<0.1	0.04	12.7	<0.1	<0.05	5	<0.5	<0.2
1810871	Till	12	38	0.86	242	0.127	3	2.85	0.051	0.06	0.1	0.04	11.6	0.1	<0.05	7	<0.5	<0.2
1810872	Till	10	32	0.64	154	0.082	3	1.67	0.047	0.06	<0.1	0.07	10.2	<0.1	<0.05	5	<0.5	<0.2
1810874	Till	10	33	0.80	166	0.091	4	1.98	0.050	0.06	<0.1	0.09	11.9	<0.1	<0.05	5	<0.5	<0.2
1810875	Till	9	40	0.73	200	0.081	2	2.15	0.025	0.05	0.1	0.04	8.3	<0.1	<0.05	6	<0.5	<0.2
1810901	Till	8	36	0.55	197	0.046	2	1.92	0.028	0.06	<0.1	0.03	9.2	0.1	<0.05	5	<0.5	<0.2
1810902	Till	11	35	0.67	154	0.058	2	2.52	0.017	0.05	0.1	0.04	8.4	0.1	<0.05	7	<0.5	<0.2
1810903	Till	11	41	0.62	201	0.068	2	2.26	0.028	0.05	<0.1	0.05	12.4	0.1	<0.05	6	<0.5	<0.2
1810904	Till	10	30	0.47	201	0.048	2	1.51	0.024	0.04	0.1	0.05	6.9	<0.1	<0.05	5	<0.5	<0.2





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**Project:** KT  
**Report Date:** August 03, 2020

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# CERTIFICATE OF ANALYSIS

# WHI20000089.1

	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1810905	Till	0.5	49.5	5.0	47	<0.1	30.6	15.5	470	3.15	9.2	0.4	0.7	1.5	39	0.1	0.7	<0.1	86	1.00	0.033
1810906	Till	1.2	35.7	16.7	50	<0.1	24.1	10.4	570	2.75	8.7	0.5	2.3	2.3	56	0.1	0.7	<0.1	76	1.35	0.046
1810907	Till	1.3	46.7	9.0	56	<0.1	28.6	12.9	484	3.54	8.7	0.6	2.4	3.2	48	<0.1	0.7	0.1	111	0.72	0.047
1810908	Till	0.4	32.8	5.7	36	<0.1	18.9	8.6	338	2.25	5.0	0.7	1.3	2.2	33	<0.1	0.3	0.1	61	1.07	0.034
1810909	Till	1.3	58.5	8.5	55	<0.1	36.6	16.5	587	4.27	13.8	0.6	3.6	2.8	43	<0.1	0.9	<0.1	120	0.63	0.021
1810910	Till	1.2	36.2	14.2	49	<0.1	29.0	11.6	524	3.07	9.0	0.6	2.1	2.4	42	<0.1	0.6	<0.1	86	0.58	0.035
1810911	Till	0.5	53.8	6.0	52	<0.1	17.1	11.9	504	2.97	3.9	0.5	1.1	1.1	52	<0.1	0.3	<0.1	96	1.15	0.029
1810912	Till	0.8	40.2	10.0	47	<0.1	21.5	12.1	543	3.36	7.7	0.7	2.7	2.3	50	<0.1	0.6	<0.1	103	0.67	0.026
1810913	Till	0.7	54.1	7.2	48	<0.1	24.4	14.9	755	3.47	28.0	0.5	4.0	2.7	51	<0.1	0.8	<0.1	102	1.19	0.040
1810914	Till	0.9	14.9	20.5	41	<0.1	15.4	7.2	340	2.19	3.4	0.7	0.5	2.6	52	<0.1	0.3	<0.1	59	0.44	0.023
1810915	Till	0.6	12.9	14.0	54	<0.1	10.6	7.2	456	1.98	1.2	0.8	0.5	2.2	51	0.1	0.1	0.1	63	0.44	0.037
1810916	Till	0.6	13.9	7.0	37	<0.1	15.1	7.0	255	2.10	5.3	0.5	3.5	3.0	34	<0.1	0.3	0.1	53	0.42	0.030
1810917	Till	0.4	30.2	4.5	34	<0.1	19.5	13.6	435	2.95	5.1	0.2	0.5	1.0	63	<0.1	0.3	<0.1	91	0.82	0.018
1810918	Till	0.7	27.3	7.0	35	<0.1	19.8	9.0	281	2.56	6.1	0.3	2.2	2.1	28	<0.1	0.4	<0.1	71	0.45	0.024
1810919	Till	0.9	44.3	8.6	48	<0.1	28.9	15.7	560	3.76	9.7	0.6	1.8	2.9	39	<0.1	0.7	0.1	106	0.92	0.026
1810920	Till	1.0	22.8	9.6	38	<0.1	19.7	8.6	317	2.38	6.5	0.4	1.7	2.4	23	<0.1	0.6	<0.1	61	0.38	0.018
1810921	Till	0.9	26.5	8.9	45	<0.1	28.5	9.5	371	2.68	6.8	0.8	7.5	4.2	38	<0.1	0.5	0.1	69	0.65	0.057
1810922	Till	0.7	21.6	7.1	43	<0.1	18.7	9.2	501	2.73	6.7	0.6	1.7	2.4	43	<0.1	0.4	<0.1	76	0.65	0.037
1810952	Till	0.6	56.4	6.1	48	<0.1	25.5	14.1	795	3.31	10.4	0.6	3.1	2.9	35	<0.1	0.4	<0.1	108	0.74	0.035
1810953	Till	0.8	55.5	8.5	46	<0.1	19.2	12.1	606	3.21	6.7	0.5	3.7	2.0	44	<0.1	0.5	<0.1	113	1.04	0.042
1810954	Till	0.4	62.4	4.5	46	<0.1	20.4	16.1	565	3.42	3.1	0.5	2.4	2.0	41	<0.1	0.2	<0.1	120	1.11	0.015
1810955	Till	1.1	116.1	7.1	57	0.2	17.8	24.5	1000	4.26	26.7	0.3	3.4	1.2	34	0.1	0.8	0.2	97	0.48	0.040
1810956	Till	0.8	48.2	6.8	61	0.1	23.1	12.8	622	2.97	11.6	0.9	2.6	2.0	38	<0.1	0.6	0.1	80	1.07	0.037
1810957	Till	0.4	21.8	6.5	75	<0.1	30.0	17.8	1307	3.89	6.4	0.3	3.4	1.2	37	<0.1	0.3	<0.1	114	2.68	0.026
1810958	Till	1.0	59.1	6.3	51	<0.1	24.0	14.8	650	3.22	12.9	0.5	2.9	2.2	38	<0.1	0.6	<0.1	99	0.73	0.023



**BUREAU VERITAS** MINERAL LABORATORIES  
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**Project:** KT  
**Report Date:** August 03, 2020

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# CERTIFICATE OF ANALYSIS

WHI20000089.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL
1810905	Till	7	72	0.76	161	0.029	3	1.59	0.017	0.05	<0.1	0.06	14.7	<0.1	<0.05	5	<0.5	<0.2
1810906	Till	10	36	0.64	188	0.071	3	1.66	0.041	0.07	<0.1	0.05	8.2	0.1	<0.05	5	<0.5	<0.2
1810907	Till	13	42	0.88	234	0.090	3	2.70	0.025	0.07	0.1	0.03	9.8	0.2	<0.05	7	<0.5	<0.2
1810908	Till	10	33	0.64	164	0.050	3	1.63	0.029	0.05	0.1	0.02	7.3	<0.1	<0.05	5	<0.5	<0.2
1810909	Till	12	67	0.88	268	0.038	2	2.57	0.025	0.06	<0.1	0.06	17.3	0.2	<0.05	7	<0.5	<0.2
1810910	Till	12	43	0.66	236	0.041	2	2.20	0.023	0.06	<0.1	0.04	9.2	0.1	<0.05	6	<0.5	<0.2
1810911	Till	6	28	0.92	148	0.072	3	2.77	0.021	0.05	<0.1	0.02	8.7	<0.1	<0.05	8	<0.5	<0.2
1810912	Till	11	41	0.72	212	0.067	2	2.47	0.032	0.04	<0.1	0.06	13.5	<0.1	<0.05	6	<0.5	<0.2
1810913	Till	11	40	0.83	192	0.070	3	2.07	0.033	0.06	<0.1	0.11	15.0	<0.1	<0.05	6	<0.5	<0.2
1810914	Till	12	30	0.45	205	0.071	<1	1.62	0.040	0.07	<0.1	0.01	5.6	<0.1	<0.05	5	<0.5	<0.2
1810915	Till	9	22	0.49	224	0.094	<1	1.41	0.061	0.10	<0.1	0.01	3.5	<0.1	<0.05	4	<0.5	<0.2
1810916	Till	9	29	0.45	137	0.082	1	1.34	0.025	0.10	0.1	0.01	4.4	<0.1	<0.05	4	<0.5	<0.2
1810917	Till	5	29	0.94	166	0.092	3	2.67	0.066	0.03	<0.1	0.02	7.2	<0.1	<0.05	6	<0.5	<0.2
1810918	Till	7	33	0.58	152	0.089	2	1.86	0.018	0.07	0.1	0.01	5.4	<0.1	<0.05	5	<0.5	<0.2
1810919	Till	12	41	0.83	181	0.083	5	2.40	0.022	0.06	0.1	0.07	12.4	<0.1	<0.05	7	<0.5	<0.2
1810920	Till	11	30	0.44	150	0.058	2	1.38	0.016	0.06	0.1	0.03	5.3	<0.1	<0.05	5	<0.5	<0.2
1810921	Till	15	41	0.61	192	0.087	2	1.83	0.027	0.08	0.2	0.03	8.3	<0.1	<0.05	5	<0.5	<0.2
1810922	Till	11	28	0.55	171	0.062	2	1.81	0.037	0.05	0.1	0.03	6.6	<0.1	<0.05	5	<0.5	<0.2
1810952	Till	11	44	0.80	166	0.072	3	2.28	0.026	0.06	<0.1	0.05	14.5	0.1	<0.05	6	<0.5	<0.2
1810953	Till	10	35	0.70	123	0.131	4	2.01	0.046	0.05	<0.1	0.07	12.6	<0.1	<0.05	6	<0.5	<0.2
1810954	Till	8	32	0.95	110	0.139	2	3.19	0.066	0.04	<0.1	0.01	10.7	<0.1	<0.05	8	<0.5	<0.2
1810955	Till	4	30	0.84	164	0.027	3	3.19	0.023	0.07	<0.1	0.02	8.0	<0.1	<0.05	8	0.7	<0.2
1810956	Till	9	41	0.77	184	0.057	3	2.08	0.024	0.05	0.1	0.02	8.4	<0.1	<0.05	6	1.1	<0.2
1810957	Till	5	38	1.56	118	0.018	4	3.00	0.036	0.07	<0.1	0.13	14.8	<0.1	<0.05	7	0.8	<0.2
1810958	Till	11	47	0.66	110	0.082	4	1.97	0.029	0.09	<0.1	0.06	12.4	<0.1	<0.05	6	0.6	<0.2



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Project: KT  
Report Date: August 03, 2020

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# QUALITY CONTROL REPORT

WHI20000089.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1810752	Till	2.2	84.0	4.6	54	0.2	18.1	15.9	499	3.64	43.8	0.8	3.5	1.1	64	0.1	2.7	0.2	88	2.36	0.036
REP 1810752	QC	2.1	82.8	4.7	53	0.2	18.1	15.6	509	3.63	43.7	0.8	3.7	1.1	62	0.1	2.7	0.2	87	2.35	0.036
1810813	Till	0.5	31.3	6.1	39	<0.1	20.6	7.9	338	2.29	5.3	0.4	0.8	2.4	21	<0.1	0.3	0.1	65	0.44	0.018
REP 1810813	QC	0.5	31.3	6.0	39	<0.1	20.3	7.9	337	2.29	5.6	0.4	0.7	2.3	20	<0.1	0.3	0.1	66	0.43	0.018
1810857	Till	0.8	37.4	5.3	46	<0.1	19.8	10.8	515	2.76	8.0	0.4	2.2	2.1	60	<0.1	0.5	<0.1	87	1.08	0.063
REP 1810857	QC	0.8	37.6	5.3	45	<0.1	19.9	10.9	517	2.76	8.1	0.4	18.9	2.1	60	<0.1	0.6	<0.1	87	1.07	0.064
1810952	Till	0.6	56.4	6.1	48	<0.1	25.5	14.1	795	3.31	10.4	0.6	3.1	2.9	35	<0.1	0.4	<0.1	108	0.74	0.035
REP 1810952	QC	0.6	56.2	6.2	48	<0.1	25.5	14.1	791	3.31	10.2	0.7	5.7	3.0	35	<0.1	0.4	<0.1	108	0.74	0.035
Reference Materials																					
STD BVGEO01	Standard	11.1	4365.7	187.3	1678	2.6	172.7	25.2	748	3.90	116.4	3.8	223.2	14.7	58	6.1	3.4	23.8	80	1.37	0.069
STD BVGEO01	Standard	10.9	4356.9	183.9	1660	2.6	169.5	25.1	741	3.89	111.7	3.7	223.5	13.7	59	6.0	3.4	23.5	80	1.37	0.071
STD DS11	Standard	14.5	149.7	134.2	347	1.7	82.5	13.9	1052	3.24	42.5	2.5	61.9	7.7	69	2.3	8.6	11.6	51	1.08	0.069
STD DS11	Standard	14.1	149.1	133.4	343	1.8	81.0	13.7	1054	3.22	42.9	2.4	79.8	7.3	65	2.3	8.5	11.3	51	1.05	0.070
STD OREAS262	Standard	0.7	119.0	57.8	151	0.5	68.1	28.6	560	3.46	36.0	1.3	57.3	9.7	36	0.6	4.1	1.0	24	3.18	0.039
STD OREAS262	Standard	0.7	113.3	55.6	149	0.5	67.9	27.6	550	3.41	34.7	1.2	63.7	9.5	35	0.6	4.6	1.0	24	3.01	0.038
STD OREAS262	Standard	0.7	115.0	55.1	150	0.5	67.2	27.7	556	3.41	34.9	1.2	66.2	9.1	36	0.6	5.5	1.0	23	3.00	0.039
STD OREAS262	Standard	0.7	114.8	54.4	146	0.5	64.8	27.4	557	3.39	34.5	1.2	69.2	8.9	36	0.6	5.6	1.0	23	3.03	0.039
STD BVGEO01 Expected		11.2	4415	187	1741	2.53	163	25	733	3.7	121	3.77	219	14.4	55	6.5	3.39	25.6	73	1.3219	0.0727
STD DS11 Expected		14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701
STD OREAS262 Expected		0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	5.06	1.03	22.5	2.98	0.04
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



# QUALITY CONTROL REPORT

WHI20000089.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2
Pulp Duplicates																			
1810752	Till	7	31	0.43	92	0.034	6	0.97	0.026	0.06	0.1	0.07	12.6	0.1	<0.05	3	1.4	<0.2	
REP 1810752	QC	7	30	0.43	92	0.036	6	0.97	0.026	0.06	0.1	0.06	12.7	0.1	<0.05	3	1.4	<0.2	
1810813	Till	7	32	0.58	138	0.081	1	2.11	0.016	0.04	0.2	<0.01	4.7	<0.1	<0.05	6	<0.5	<0.2	
REP 1810813	QC	7	31	0.58	137	0.081	1	2.11	0.015	0.04	0.2	<0.01	4.8	<0.1	<0.05	6	<0.5	<0.2	
1810857	Till	10	26	0.68	127	0.101	4	1.71	0.068	0.04	<0.1	0.05	9.0	<0.1	<0.05	5	<0.5	<0.2	
REP 1810857	QC	10	26	0.68	130	0.102	4	1.70	0.069	0.04	<0.1	0.04	9.0	<0.1	<0.05	5	<0.5	<0.2	
1810952	Till	11	44	0.80	166	0.072	3	2.28	0.026	0.06	<0.1	0.05	14.5	0.1	<0.05	6	<0.5	<0.2	
REP 1810952	QC	10	44	0.80	164	0.072	3	2.31	0.026	0.06	<0.1	0.06	14.6	0.1	<0.05	6	<0.5	<0.2	
Reference Materials																			
STD BVGE001	Standard	26	200	1.34	291	0.237	4	2.33	0.194	0.89	5.3	0.09	6.2	0.7	0.79	8	5.0	1.0	
STD BVGE001	Standard	26	207	1.37	291	0.240	4	2.48	0.201	0.89	5.1	0.10	6.2	0.6	0.76	8	5.1	1.0	
STD DS11	Standard	19	61	0.86	389	0.095	7	1.19	0.072	0.40	3.0	0.25	3.3	4.9	0.32	5	2.2	4.7	
STD DS11	Standard	18	61	0.86	353	0.089	7	1.16	0.071	0.39	3.0	0.27	3.2	5.0	0.33	5	2.3	4.6	
STD OREAS262	Standard	17	47	1.21	258	0.003	4	1.45	0.067	0.32	0.2	0.17	3.4	0.5	0.31	4	0.6	0.2	
STD OREAS262	Standard	18	46	1.19	254	0.003	4	1.44	0.066	0.32	0.2	0.18	3.4	0.5	0.34	5	0.7	0.2	
STD OREAS262	Standard	17	45	1.20	250	0.002	3	1.38	0.068	0.32	0.2	0.15	3.3	0.5	0.30	4	<0.5	0.2	
STD OREAS262	Standard	16	44	1.20	249	0.002	4	1.33	0.067	0.30	0.2	0.17	3.2	0.5	0.30	4	<0.5	0.2	
STD BVGE001 Expected		25.9	187	1.2963	260	0.233	3.8	2.347	0.1924	0.89	5.3	0.1	5.97	0.62	0.6655	7.37	4.84	1.02	
STD DS11 Expected		18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56	
STD OREAS262 Expected		15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	0.17	3.24	0.47	0.253	4.1	0.4	0.23	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	



**BUREAU VERITAS** MINERAL LABORATORIES  
Canada

[www.bureauveritas.com/um](http://www.bureauveritas.com/um)

Bureau Veritas Commodities Canada Ltd.  
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada  
PHONE (604) 253-3158

**Client:** **Ryan Burke**  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3 Canada

Submitted By: Ryan Burke  
Receiving Lab: Canada-Whitehorse  
Received: October 20, 2020  
Analysis Start: December 23, 2020  
Report Date: January 05, 2021  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI20000579.1

### CLIENT JOB INFORMATION

Project: KT  
Shipment ID:  
P.O. Number  
Number of Samples: 25

### SAMPLE DISPOSAL

IMM-PLP Return immediately after analysis  
PICKUP-RJT Client to Pickup Rejects

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	25	Crush, split and pulverize 250 g rock to 200 mesh			WHI
AQ201	25	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SHP01	25	Per sample shipping charges for branch shipments			VAN
BAT01	1	Batch charge of <50 samples			VAN

### ADDITIONAL COMMENTS

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Ryan Burke  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3  
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.  
\*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Bureau Veritas Commodities Canada Ltd.

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**Client:** **Ryan Burke**  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3 Canada

**Project:** KT  
**Report Date:** January 05, 2021

**Page:** 2 of 2

**Part:** 1 of 2

# CERTIFICATE OF ANALYSIS

# WHI20000579.1

Method	Analyte	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit	MDL	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	1	0.01
1894889	Rock	0.48	0.5	53.9	11.0	36	1.0	9.6	15.6	1661	4.61	3.1	0.4	1.9	0.2	55	0.2	0.7	<0.1	148	13.84
1894890	Rock	1.27	<0.1	1.4	17.3	22	0.2	1.0	2.4	253	0.82	0.8	1.0	<0.5	7.2	35	<0.1	0.3	<0.1	5	2.16
1894891	Rock	0.23	0.2	26.2	7.8	16	0.4	13.4	11.9	383	2.49	1.4	<0.1	0.8	0.2	8	<0.1	0.3	<0.1	184	4.82
1894892	Rock	0.34	0.4	50.4	3.9	28	0.3	8.3	11.5	519	4.92	1.8	0.2	1.2	0.5	56	<0.1	0.2	<0.1	239	2.41
1894893	Rock	0.47	<0.1	0.7	3.7	24	0.3	5.4	2.6	834	1.22	4.7	<0.1	<0.5	0.3	37	<0.1	0.3	<0.1	123	3.32
1894894	Rock	0.60	0.1	153.3	5.4	27	0.4	21.9	28.3	535	4.53	3.3	0.1	10.7	0.1	75	<0.1	0.3	<0.1	121	2.84
1894895	Rock	1.49	0.2	78.2	3.4	87	0.3	9.2	20.5	878	4.77	4.8	0.2	9.3	0.4	30	0.1	0.2	<0.1	183	8.27
1894896	Rock	1.43	0.3	36.3	2.6	17	0.2	6.1	7.9	437	4.38	5.1	<0.1	4.7	0.3	16	<0.1	0.2	<0.1	194	6.48
1894897	Rock	1.29	6.0	69.4	7.2	27	0.8	2.6	7.4	461	7.36	48.0	0.2	51.0	0.8	32	<0.1	0.5	2.3	90	2.55
1894898	Rock	0.39	3.0	678.7	212.9	10	5.4	2.8	9.0	113	7.78	224.8	<0.1	150.3	<0.1	6	<0.1	1.4	2.0	70	0.14
1894899	Rock	0.55	0.5	149.2	6.6	23	1.1	9.1	16.6	538	5.88	3.2	<0.1	15.3	<0.1	1	<0.1	0.6	<0.1	67	0.27
1894900	Rock	0.57	0.2	64.5	4.4	11	0.8	2.2	3.4	232	5.16	1.7	<0.1	16.3	<0.1	1	<0.1	0.9	<0.1	68	0.06
1894901	Rock	0.43	0.3	82.5	5.3	14	0.8	3.3	5.1	381	5.69	1.6	<0.1	12.6	<0.1	2	<0.1	1.2	<0.1	81	0.07
1894902	Rock	0.64	0.1	45.7	8.7	63	0.2	28.2	52.8	1371	12.09	<0.5	<0.1	11.9	0.2	32	<0.1	0.3	<0.1	151	1.21
1894903	Rock	0.46	2.9	687.1	125.6	9755	4.2	37.8	87.5	913	5.12	367.2	0.1	2311.4	0.1	12	43.9	8.0	<0.1	61	7.63
1894904	Rock	0.74	42.3	752.9	8.0	66	1.0	14.0	64.7	327	11.50	<0.5	0.5	23.7	0.3	11	0.2	0.4	0.5	146	0.60
1894905	Rock	0.73	0.2	213.8	14.2	305	0.4	24.7	55.2	1585	3.37	60.4	0.1	39.8	<0.1	33	1.6	1.9	<0.1	113	20.01
1894906	Rock	1.34	0.4	5.1	4.5	19	0.3	22.4	32.5	350	5.51	<0.5	0.2	11.8	0.2	25	<0.1	1.1	0.1	92	1.91
1894907	Rock	0.91	0.8	219.1	3.3	21	0.2	17.3	52.0	270	4.33	0.9	0.2	12.3	0.3	30	<0.1	0.2	<0.1	113	1.88
1894908	Rock	1.12	0.6	110.8	2.9	34	0.3	38.4	37.2	1324	5.61	51.2	<0.1	1.2	0.3	46	<0.1	0.5	<0.1	221	5.45
1894909	Rock	0.55	0.3	24.2	11.7	324	0.5	5.9	33.2	9291	4.14	111.2	<0.1	36.7	<0.1	72	1.8	1.1	<0.1	44	26.84
1894910	Rock	1.07	0.7	551.9	11.4	114	0.6	15.9	63.1	653	6.94	1.2	0.1	3.3	0.3	16	0.5	1.4	0.5	213	2.10
1894911	Rock	1.17	0.2	257.9	3.9	93	0.2	13.1	41.9	644	4.39	<0.5	0.1	<0.5	0.3	8	0.4	0.3	<0.1	193	6.26
1894912	Rock	1.22	0.6	959.4	11.8	67	0.9	15.5	81.0	469	9.14	<0.5	0.1	5.8	0.2	15	0.3	2.3	0.6	161	1.83
1894913	Rock	1.56	0.5	1004.7	4.1	98	0.9	15.7	110.9	887	8.69	2.4	0.2	5.0	0.3	43	0.4	2.3	0.5	190	4.93



Bureau Veritas Commodities Canada Ltd.

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**Client:** **Ryan Burke**  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3 Canada

**Project:** KT  
**Report Date:** January 05, 2021

**Page:** 2 of 2

**Part:** 2 of 2

# CERTIFICATE OF ANALYSIS

# WHI20000579.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm		
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1894889	Rock	0.018	2	23	0.84	71	0.006	6	0.64	0.003	0.02	<0.1	0.13	18.3	<0.1	<0.05	2	<0.5	<0.2	
1894890	Rock	0.041	21	1	0.05	100	0.001	5	0.37	0.034	0.23	<0.1	<0.01	1.5	<0.1	<0.05	<1	<0.5	<0.2	
1894891	Rock	0.016	<1	49	1.61	10	0.101	20	4.49	0.020	0.02	<0.1	0.01	10.9	<0.1	0.15	11	<0.5	<0.2	
1894892	Rock	0.071	2	23	1.60	64	0.139	19	2.96	0.060	0.05	<0.1	0.02	14.5	<0.1	<0.05	11	<0.5	<0.2	
1894893	Rock	0.067	1	12	1.29	17	<0.001	4	0.95	0.008	0.05	<0.1	0.09	33.5	<0.1	<0.05	2	<0.5	<0.2	
1894894	Rock	0.012	<1	37	1.82	14	0.145	9	3.57	0.002	0.02	<0.1	0.04	9.6	<0.1	0.26	8	<0.5	<0.2	
1894895	Rock	0.052	2	17	1.69	21	0.213	16	6.72	0.009	0.02	0.2	0.39	19.4	<0.1	1.29	21	1.5	<0.2	
1894896	Rock	0.038	<1	10	1.02	13	0.127	21	5.19	0.004	<0.01	0.1	0.35	18.4	<0.1	1.73	15	1.1	<0.2	
1894897	Rock	0.053	2	5	1.01	65	0.174	6	3.55	0.013	0.17	0.2	0.83	8.6	0.3	2.40	10	7.5	4.2	
1894898	Rock	0.007	<1	2	0.44	7	0.022	2	0.70	<0.001	0.11	0.1	0.09	3.4	<0.1	0.06	6	10.0	0.9	
1894899	Rock	0.011	<1	12	1.31	2	0.033	<1	1.84	<0.001	<0.01	0.2	0.04	8.2	<0.1	2.20	5	2.5	<0.2	
1894900	Rock	0.013	<1	11	0.65	2	0.035	<1	1.05	<0.001	0.01	0.1	0.11	6.1	<0.1	0.10	5	4.3	<0.2	
1894901	Rock	0.011	<1	11	0.95	3	0.041	<1	1.43	<0.001	<0.01	0.1	0.09	7.2	<0.1	0.06	5	3.2	<0.2	
1894902	Rock	0.033	1	66	1.38	40	0.144	3	3.99	0.202	0.04	0.3	<0.01	7.3	<0.1	3.83	10	8.5	0.2	
1894903	Rock	0.015	<1	14	0.86	4	0.063	4	3.83	0.001	<0.01	<0.1	2.01	9.4	0.2	2.20	12	11.1	1.7	
1894904	Rock	0.033	<1	61	1.02	67	0.192	2	1.99	0.066	0.06	<0.1	0.08	10.8	0.2	2.23	11	20.0	0.6	
1894905	Rock	0.015	2	27	0.69	8	0.074	3	3.48	0.001	0.01	0.2	0.05	10.6	<0.1	1.13	10	2.0	0.2	
1894906	Rock	0.040	<1	24	0.73	8	0.122	6	2.35	0.033	0.01	<0.1	<0.01	9.2	<0.1	2.65	7	6.7	0.4	
1894907	Rock	0.038	<1	10	1.16	43	0.118	8	3.07	0.240	0.07	<0.1	<0.01	9.4	<0.1	2.23	8	4.6	<0.2	
1894908	Rock	0.043	2	101	2.95	16	0.002	3	2.64	0.064	0.05	<0.1	0.04	30.8	<0.1	0.81	9	2.4	<0.2	
1894909	Rock	0.004	5	28	0.94	37	0.002	<1	1.13	0.004	0.02	<0.1	0.03	12.4	<0.1	1.85	3	4.8	0.3	
1894910	Rock	0.041	<1	21	1.88	37	0.096	3	3.04	0.054	0.03	<0.1	0.01	20.0	<0.1	2.61	12	13.1	0.8	
1894911	Rock	0.044	1	18	1.61	6	0.083	10	5.20	0.026	0.01	<0.1	<0.01	19.8	<0.1	1.05	16	4.3	<0.2	
1894912	Rock	0.039	<1	13	1.37	29	0.086	4	3.13	0.051	0.03	<0.1	0.02	13.0	0.1	4.77	11	23.0	1.1	
1894913	Rock	0.038	1	15	1.77	55	0.146	3	4.19	0.027	0.04	<0.1	0.02	19.9	0.2	3.83	13	17.3	0.7	



Bureau Veritas Commodities Canada Ltd.  
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**Client: Ryan Burke**  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3 Canada

Project: KT  
Report Date: January 05, 2021

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Part: 1 of 2

# QUALITY CONTROL REPORT

WHI20000579.1

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	1	0.01	
Pulp Duplicates																					
1894900	Rock	0.57	0.2	64.5	4.4	11	0.8	2.2	3.4	232	5.16	1.7	<0.1	16.3	<0.1	1	<0.1	0.9	<0.1	68	0.06
REP 1894900	QC		0.3	64.2	4.3	10	0.8	2.2	3.4	237	5.27	1.6	<0.1	8.8	<0.1	1	<0.1	0.9	<0.1	69	0.06
Core Reject Duplicates																					
1894913	Rock	1.56	0.5	1004.7	4.1	98	0.9	15.7	110.9	887	8.69	2.4	0.2	5.0	0.3	43	0.4	2.3	0.5	190	4.93
DUP 1894913	QC		0.5	969.5	3.9	101	1.0	14.5	106.1	852	8.31	2.2	0.2	6.0	0.2	42	0.4	2.4	0.5	186	4.51
Reference Materials																					
STD DS11	Standard		15.5	154.6	146.0	368	1.8	87.2	14.8	1095	3.34	48.2	3.0	65.7	8.7	74	2.8	8.3	14.0	52	1.12
STD OREAS262	Standard		0.7	115.1	62.0	155	0.5	63.7	28.6	541	3.31	38.4	1.4	58.9	10.3	39	0.7	3.8	1.2	22	3.06
STD DS11 Expected			14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063
STD OREAS262 Expected			0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	5.06	1.03	22.5	2.98
BLK	Blank		<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
Prep Wash																					
ROCK-WHI	Prep Blank		0.7	2.1	17.8	27	1.2	0.9	3.7	434	1.80	3.8	0.5	<0.5	2.9	28	<0.1	1.0	<0.1	22	0.59
ROCK-WHI	Prep Blank		0.7	1.8	9.0	27	0.5	0.9	3.8	439	1.88	2.6	0.6	<0.5	3.2	27	<0.1	0.6	<0.1	23	0.62





Bureau Veritas Commodities Canada Ltd.  
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada  
PHONE (604) 253-3158

**Client: Ryan Burke**  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3 Canada

Project: KT  
Report Date: January 05, 2021

Page: 1 of 1

Part: 2 of 2

# QUALITY CONTROL REPORT

WHI20000579.1

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																			
1894900	Rock	0.013	<1	11	0.65	2	0.035	<1	1.05	<0.001	0.01	0.1	0.11	6.1	<0.1	0.10	5	4.3	<0.2
REP 1894900	QC	0.012	<1	11	0.66	2	0.038	<1	1.09	<0.001	0.01	0.1	0.11	6.0	<0.1	0.10	5	4.3	<0.2
Core Reject Duplicates																			
1894913	Rock	0.038	1	15	1.77	55	0.146	3	4.19	0.027	0.04	<0.1	0.02	19.9	0.2	3.83	13	17.3	0.7
DUP 1894913	QC	0.037	1	14	1.74	61	0.141	2	3.93	0.026	0.04	<0.1	0.02	19.9	0.1	3.67	12	17.9	0.9
Reference Materials																			
STD DS11	Standard	0.079	21	64	0.89	410	0.100	7	1.24	0.075	0.42	3.1	0.27	3.8	5.2	0.29	5	2.3	4.6
STD OREAS262	Standard	0.039	17	45	1.21	274	0.003	5	1.27	0.072	0.31	0.2	0.19	3.6	0.5	0.27	4	<0.5	<0.2
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
STD OREAS262 Expected		0.04	15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	0.17	3.24	0.47	0.253	4.1	0.4	0.23
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
ROCK-WHI	Prep Blank	0.042	8	3	0.44	80	0.086	2	0.88	0.082	0.09	0.2	<0.01	3.2	<0.1	<0.05	4	<0.5	<0.2
ROCK-WHI	Prep Blank	0.042	8	3	0.45	73	0.089	2	0.92	0.091	0.10	0.2	<0.01	3.1	<0.1	<0.05	4	<0.5	<0.2



**BUREAU VERITAS** MINERAL LABORATORIES  
Canada

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Bureau Veritas Commodities Canada Ltd.  
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada  
PHONE (604) 253-3158

**Client:** **Ryan Burke**  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3 Canada

Submitted By: Ryan Burke  
Receiving Lab: Canada-Whitehorse  
Received: July 06, 2020  
Analysis Start: July 25, 2020  
Report Date: August 06, 2020  
Page: 1 of 3

# CERTIFICATE OF ANALYSIS

WHI20000087.1

## CLIENT JOB INFORMATION

Project: KT  
Shipment ID:  
P.O. Number  
Number of Samples: 31

## SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps  
PICKUP-RJT Client to Pickup Rejects

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	30	Crush, split and pulverize 250 g rock to 200 mesh			WHI
AQ201	30	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SHP01	30	Per sample shipping charges for branch shipments			VAN
SLBHP	0	Sort, label and box pulps			WHI

## ADDITIONAL COMMENTS

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Ryan Burke  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3  
Canada

CC: Michael Burke

  
GEORGE ARCALA  
Instrumentation Shift Supervisor

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.  
\*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

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**Client:** **Ryan Burke**  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3 Canada

**Project:** KT  
**Report Date:** August 06, 2020

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**Part:** 1 of 2

# CERTIFICATE OF ANALYSIS

# WHI20000087.1

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	1	0.01	
1810754	Rock	1.15	0.4	56.4	2.1	33	0.2	13.8	99.2	466	12.36	22.3	0.2	18.5	0.4	20	<0.1	0.1	0.4	200	0.87
1810755	Rock	0.60	1.6	341.4	1.5	65	0.2	18.9	99.1	1003	9.50	5.8	0.4	8.8	0.4	31	<0.1	0.1	0.1	272	1.85
1810768	Rock	1.94	0.1	822.2	11.4	104	0.7	53.6	88.7	1167	8.92	5.5	0.4	39.0	0.2	25	0.4	0.9	0.1	168	1.50
1810769	Rock	1.01	1.6	82.0	7.6	136	0.3	<0.1	60.5	4988	4.53	61.7	<0.1	27.4	<0.1	15	0.5	1.2	<0.1	39	11.80
1810770	Rock	1.00	77.0	489.8	5.3	85	0.7	1.0	11.8	115	10.47	0.9	0.2	67.4	0.4	3	0.2	0.2	0.3	121	0.07
1810771	Rock	1.22	67.6	620.4	4.0	42	0.1	3.4	23.7	647	13.52	29.6	0.3	4.4	0.4	6	<0.1	<0.1	<0.1	243	0.17
1810772	Rock	1.22	3.2	6190.0	2.8	1196	0.3	31.0	216.4	2839	7.58	21.4	0.2	12.4	0.2	11	4.8	<0.1	<0.1	270	1.78
1810773	Rock	1.21	0.1	26.4	1.6	20	<0.1	21.2	17.2	579	4.79	<0.5	<0.1	<0.5	0.2	11	<0.1	0.1	<0.1	170	1.59
1810781	Rock	0.77	0.2	17.0	9.5	35	<0.1	1.4	4.1	520	1.21	<0.5	0.9	<0.5	5.8	12	<0.1	0.4	0.2	9	0.09
1810790	Rock	0.82	0.7	967.8	19.0	67	6.4	8.4	10.1	513	16.57	359.5	0.1	1559.2	0.4	14	<0.1	0.8	0.9	294	0.44
1810791	Rock	1.08	0.9	918.1	38.7	58	3.6	6.5	6.9	514	13.36	44.4	0.3	487.2	0.2	7	<0.1	0.3	0.9	233	0.26
1810866	Rock	0.47	0.8	16.0	6.3	31	<0.1	2.8	5.6	461	1.55	18.8	0.5	1.7	1.3	71	<0.1	0.3	<0.1	12	4.83
1810876	Rock	1.22	0.4	665.7	4.9	51	0.5	6.2	40.1	564	10.53	1.2	0.1	5.2	0.3	14	<0.1	0.4	0.5	199	1.48
1810877	Rock	0.87	6.1	762.6	1.4	60	1.5	1.6	15.5	790	10.57	<0.5	0.3	34.1	0.2	2	<0.1	<0.1	<0.1	271	0.25
1810878	Rock	1.12	0.9	2792.0	2.9	159	1.0	19.5	59.8	1498	8.57	<0.5	0.5	120.2	0.2	11	0.6	<0.1	0.2	276	1.68
1810879	Rock	1.37	1.7	1973.1	3.6	128	0.6	19.7	57.8	1446	8.16	<0.5	0.8	62.4	0.2	8	0.6	<0.1	0.2	268	2.88
1810880	Rock	1.04	8.4	597.4	2.1	43	1.4	0.8	11.3	284	12.04	1.6	0.2	83.7	0.3	5	<0.1	<0.1	0.2	287	0.02
1810881	Rock	0.76	228.2	460.7	6.4	73	2.7	0.6	5.9	64	18.36	0.8	<0.1	1959.3	<0.1	3	0.3	0.1	0.8	30	<0.01
1810882	Rock	1.07	8.9	1577.4	8.0	29	0.2	1.0	9.5	93	34.80	50.0	<0.1	144.4	0.1	3	<0.1	0.1	<0.1	206	0.11
1810883	Rock	1.39	34.9	754.0	4.4	29	0.6	2.1	20.6	670	10.50	6.0	0.2	152.2	0.3	10	<0.1	<0.1	0.2	220	0.09
1810884	Rock	2.48	10.9	555.7	5.0	41	0.1	2.3	21.2	678	13.43	24.4	0.5	13.5	0.3	6	<0.1	<0.1	<0.1	213	0.13
1810885	Rock	0.95	0.4	132.4	6.2	63	<0.1	22.8	22.7	1268	4.84	0.7	0.3	7.9	0.3	8	0.2	0.4	<0.1	187	5.43
1810886	Rock	1.68	0.2	146.2	6.7	56	<0.1	19.2	19.7	1131	4.95	<0.5	0.2	<0.5	0.2	19	0.2	<0.1	<0.1	184	2.13
1810887	Rock	1.19	1.0	16.6	11.3	38	<0.1	2.1	4.2	252	1.12	0.9	2.6	<0.5	5.4	447	<0.1	<0.1	0.2	22	1.41
1810888	Rock	2.11	0.3	201.7	4.2	34	<0.1	24.7	30.2	721	7.14	<0.5	<0.1	<0.5	0.4	22	<0.1	<0.1	0.2	176	1.81
1810889	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1810890	Rock	1.34	0.8	1052.0	18.7	109	4.3	12.8	16.1	1004	18.06	574.2	0.1	271.7	0.2	11	<0.1	0.4	0.4	167	0.30
1810892	Rock	1.81	0.6	24.6	24.4	53	0.1	28.7	10.2	577	2.30	32.7	2.1	<0.5	6.8	590	<0.1	0.2	0.2	26	2.41
1810893	Rock	1.21	7.0	8.8	13.5	10	<0.1	1.0	1.0	47	2.82	48.1	1.3	<0.5	4.3	55	<0.1	1.9	<0.1	25	0.35
1810894	Rock	0.71	1.4	10.4	15.2	3	8.7	0.7	3.0	35	0.81	<0.5	0.3	10.9	0.1	2	<0.1	<0.1	6.7	1	<0.01



Bureau Veritas Commodities Canada Ltd.

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Client: **Ryan Burke**  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3 Canada

Project: KT  
Report Date: August 06, 2020

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# CERTIFICATE OF ANALYSIS

# WHI20000087.1

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
1810754	Rock	0.035	2	88	2.92	9	0.170	6	3.26	0.058	0.02	<0.1	0.67	21.1	<0.1	3.37	12	3.3	2.4
1810755	Rock	0.044	2	62	4.45	13	0.237	15	5.61	0.043	0.02	<0.1	0.60	28.3	0.1	1.33	15	4.6	0.8
1810768	Rock	0.043	1	33	1.76	53	0.159	4	3.89	0.208	0.06	<0.1	0.05	15.9	<0.1	2.86	11	1.7	<0.2
1810769	Rock	0.008	2	18	0.65	8	0.003	<1	1.06	0.002	0.03	<0.1	<0.01	6.6	<0.1	2.20	2	1.2	<0.2
1810770	Rock	0.011	<1	42	0.26	24	0.020	2	0.89	0.061	0.16	<0.1	0.04	3.0	<0.1	0.33	8	32.4	0.6
1810771	Rock	0.017	<1	114	1.93	12	0.155	1	2.99	0.046	0.07	<0.1	0.01	15.0	<0.1	0.39	15	7.6	0.2
1810772	Rock	0.048	2	94	3.82	25	0.012	4	4.92	0.060	0.17	<0.1	0.02	30.6	<0.1	0.13	13	1.5	<0.2
1810773	Rock	0.039	1	38	2.07	145	0.154	8	3.31	0.122	0.07	<0.1	<0.01	12.6	<0.1	1.22	10	<0.5	<0.2
1810781	Rock	0.031	16	6	0.03	94	0.001	4	0.41	0.047	0.24	<0.1	0.02	1.5	<0.1	<0.05	<1	<0.5	<0.2
1810790	Rock	0.029	<1	180	1.77	14	0.054	2	3.23	0.003	0.21	0.1	0.20	20.7	<0.1	0.12	13	8.8	0.7
1810791	Rock	0.019	<1	237	1.63	12	0.040	2	2.88	0.003	0.08	<0.1	0.11	24.7	<0.1	0.12	11	9.2	0.2
1810866	Rock	0.010	11	5	1.52	39	0.002	2	0.36	0.096	0.05	<0.1	0.10	1.5	<0.1	<0.05	1	<0.5	<0.2
1810876	Rock	0.037	<1	44	1.43	32	0.142	2	3.11	0.071	0.09	<0.1	0.03	19.1	<0.1	3.08	12	20.2	0.8
1810877	Rock	0.017	1	443	2.12	14	0.006	2	3.34	0.009	0.14	<0.1	0.01	15.6	<0.1	0.19	13	5.3	<0.2
1810878	Rock	0.039	1	43	3.13	38	0.046	3	4.37	0.066	0.15	<0.1	0.02	28.3	<0.1	1.08	12	8.5	0.5
1810879	Rock	0.038	1	54	3.16	29	0.037	3	4.25	0.038	0.14	<0.1	0.01	24.6	<0.1	1.89	11	7.3	0.3
1810880	Rock	0.041	2	51	0.93	27	0.008	2	1.91	0.059	0.18	<0.1	0.03	14.9	<0.1	0.39	19	6.6	0.3
1810881	Rock	0.013	<1	11	0.03	45	0.015	3	0.50	0.138	0.28	0.2	0.20	2.0	0.1	1.08	1	52.8	1.8
1810882	Rock	0.030	<1	40	0.07	11	0.123	2	0.66	0.016	0.06	<0.1	0.12	4.8	<0.1	0.25	12	9.1	<0.2
1810883	Rock	0.018	<1	200	1.68	25	0.114	2	2.63	0.081	0.14	0.2	0.02	14.2	0.1	0.60	14	9.1	0.3
1810884	Rock	0.040	<1	73	1.82	22	0.169	2	3.25	0.064	0.14	<0.1	0.02	20.2	<0.1	0.44	13	7.3	0.3
1810885	Rock	0.035	2	61	2.39	14	0.163	18	5.29	0.046	0.02	<0.1	0.01	17.9	<0.1	0.38	17	0.9	<0.2
1810886	Rock	0.042	2	21	2.02	122	0.169	10	3.80	0.214	0.08	<0.1	<0.01	13.6	<0.1	0.71	11	0.7	<0.2
1810887	Rock	0.033	16	9	0.29	386	0.029	2	2.48	0.603	0.49	<0.1	0.08	2.2	<0.1	<0.05	6	<0.5	<0.2
1810888	Rock	0.038	1	39	2.14	125	0.161	7	3.85	0.190	0.09	<0.1	<0.01	12.1	<0.1	1.99	11	3.5	<0.2
1810889	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1810890	Rock	0.028	<1	92	2.56	13	0.012	3	4.75	0.002	0.18	<0.1	0.08	19.4	<0.1	0.10	12	4.3	0.3
1810892	Rock	0.082	23	36	1.18	506	0.004	1	0.39	0.097	0.14	<0.1	0.02	7.2	<0.1	0.28	2	<0.5	<0.2
1810893	Rock	0.033	8	10	0.02	280	0.003	<1	0.64	0.026	0.27	0.2	0.18	1.3	0.7	0.48	2	<0.5	<0.2
1810894	Rock	<0.001	<1	5	<0.01	8	<0.001	<1	0.01	0.003	<0.01	<0.1	<0.01	<0.1	<0.1	0.25	<1	2.4	<0.2



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**Client:** **Ryan Burke**  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3 Canada

Project: KT  
Report Date: August 06, 2020

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Part: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI2000087.1

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	1	0.01	
1810891	Rock	1.00	0.1	119.3	0.8	61	<0.1	6.4	19.6	1059	5.01	0.7	0.2	1.6	0.3	81	<0.1	<0.1	<0.1	240	3.40



**BUREAU VERITAS** MINERAL LABORATORIES  
Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

**Client:** **Ryan Burke**  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3 Canada

Project: KT  
Report Date: August 06, 2020

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Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI2000087.1

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
1810891	Rock	0.052	3	11	1.57	232	0.160	4	4.94	0.419	0.06	<0.1	<0.01	11.5	<0.1	<0.05	12	<0.5	<0.2



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60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3 Canada

Project: KT  
Report Date: August 06, 2020

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Part: 1 of 2

# QUALITY CONTROL REPORT

WHI20000087.1

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	1	0.01	
Pulp Duplicates																					
1810790	Rock	0.82	0.7	967.8	19.0	67	6.4	8.4	10.1	513	16.57	359.5	0.1	1559.2	0.4	14	<0.1	0.8	0.9	294	0.44
REP 1810790	QC		0.6	944.2	18.1	65	6.4	8.0	9.9	499	16.33	358.2	0.1	1354.1	0.2	13	<0.1	0.8	0.9	292	0.42
Reference Materials																					
STD DS11	Standard		16.3	152.1	149.5	359	1.7	86.6	14.8	1043	3.18	44.8	2.7	60.6	8.3	68	2.3	7.9	11.9	51	1.08
STD OREAS262	Standard		0.7	109.7	58.2	152	0.5	63.5	27.1	543	3.30	36.9	1.3	57.2	9.6	36	0.6	4.7	1.0	22	2.98
STD DS11 Expected			14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063
STD OREAS262 Expected			0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	5.06	1.03	22.5	2.98
BLK	Blank		<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
Prep Wash																					
ROCK-WHI	Prep Blank		1.0	6.2	1.8	36	<0.1	1.1	3.8	535	1.92	0.7	0.5	<0.5	2.3	29	<0.1	<0.1	<0.1	24	0.73
ROCK-WHI	Prep Blank		0.9	5.1	1.3	32	<0.1	1.7	4.1	511	1.90	0.6	0.5	<0.5	2.3	28	<0.1	<0.1	<0.1	26	0.70



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**Client: Ryan Burke**  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3 Canada

Project: KT  
Report Date: August 06, 2020

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Part: 2 of 2

# QUALITY CONTROL REPORT

WHI20000087.1

Method		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																			
1810790	Rock	0.029	<1	180	1.77	14	0.054	2	3.23	0.003	0.21	0.1	0.20	20.7	<0.1	0.12	13	8.8	0.7
REP 1810790	QC	0.028	<1	173	1.73	14	0.054	2	3.15	0.003	0.21	<0.1	0.18	20.8	<0.1	0.12	12	8.6	0.7
Reference Materials																			
STD DS11	Standard	0.078	19	63	0.87	365	0.100	7	1.19	0.078	0.41	3.1	0.27	3.6	5.2	0.27	5	2.2	4.8
STD OREAS262	Standard	0.045	16	44	1.23	251	0.003	4	1.35	0.073	0.31	0.2	0.17	3.3	0.5	0.27	4	<0.5	0.2
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
STD OREAS262 Expected		0.04	15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	0.17	3.24	0.47	0.253	4.1	0.4	0.23
BLK	Blank	<0.001	<1	1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
ROCK-WHI	Prep Blank	0.046	8	6	0.47	83	0.083	2	1.04	0.154	0.15	<0.1	<0.01	3.3	<0.1	<0.05	4	<0.5	<0.2
ROCK-WHI	Prep Blank	0.045	7	8	0.49	69	0.080	2	1.09	0.163	0.14	<0.1	<0.01	3.5	<0.1	<0.05	4	<0.5	<0.2





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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada  
PHONE (604) 253-3158

**Client:** **Ryan Burke**  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3 Canada

Submitted By: Ryan Burke  
Receiving Lab: Canada-Whitehorse  
Received: July 06, 2020  
Analysis Start: July 15, 2020  
Report Date: July 24, 2020  
Page: 1 of 3

# CERTIFICATE OF ANALYSIS

WHI20000088.1

## CLIENT JOB INFORMATION

Project: KT  
Shipment ID:  
P.O. Number  
Number of Samples: 32

## SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps  
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
DY060	32	Dry at 60C			WHI
SS80	32	Dry at 60C sieve 100g to -80 mesh			WHI
SVRJT	32	Save all or part of Soil Reject			WHI
AQ201	32	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SHP01	32	Per sample shipping charges for branch shipments			VAN

## ADDITIONAL COMMENTS

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Ryan Burke  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3  
Canada

CC: Michael Burke



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.  
\*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Project: KT  
Report Date: July 24, 2020

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# CERTIFICATE OF ANALYSIS

WHI2000088.1

	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001
1810751	Sediment	0.5	16.3	3.1	35	<0.1	9.4	5.7	322	1.74	4.0	0.4	0.9	1.6	87	0.1	0.3	<0.1	53	3.03	0.049
1810753	Sediment	0.3	59.9	2.8	43	<0.1	13.9	12.2	585	2.50	2.6	0.3	4.9	1.2	56	<0.1	0.3	<0.1	77	2.38	0.050
1810760	Sediment	0.6	20.9	2.1	41	<0.1	8.7	9.8	5115	6.60	23.4	0.4	1.3	0.6	53	0.2	0.2	<0.1	102	1.79	0.129
1810764	Sediment	0.2	32.2	3.3	45	<0.1	11.6	8.0	1072	1.83	2.7	0.5	2.5	1.6	41	<0.1	0.2	<0.1	60	1.17	0.065
1810766	Sediment	0.2	23.7	3.2	43	<0.1	10.3	6.8	337	1.47	1.9	0.5	1.6	1.3	35	<0.1	0.2	<0.1	48	1.17	0.068
1810775	Sediment	0.2	29.8	2.6	45	<0.1	11.5	9.9	795	2.51	4.8	0.3	2.9	1.3	41	<0.1	0.2	<0.1	72	1.02	0.050
1810792	Sediment	0.4	18.1	3.3	42	<0.1	13.4	7.7	376	1.90	4.6	0.4	4.9	1.5	53	<0.1	0.4	<0.1	62	1.08	0.063
1810793	Sediment	0.2	28.3	3.1	45	<0.1	13.2	8.0	387	1.93	3.1	0.5	2.1	1.6	69	0.1	0.3	<0.1	61	1.38	0.066
1810794	Sediment	0.2	15.2	2.5	47	<0.1	12.5	8.5	684	2.17	3.3	0.3	2.4	1.4	45	<0.1	0.2	<0.1	68	1.01	0.056
1810795	Sediment	0.3	18.9	2.9	39	<0.1	11.1	7.3	512	2.05	4.3	0.5	2.6	1.2	53	0.1	0.3	<0.1	67	1.27	0.051
1810796	Sediment	0.6	30.6	4.5	50	<0.1	17.8	9.1	342	2.20	6.4	0.4	2.6	1.7	45	0.2	0.5	<0.1	63	1.12	0.054
1810799	Sediment	0.6	23.0	4.1	45	<0.1	14.1	7.2	295	2.18	4.9	0.4	1.9	1.8	58	0.2	0.5	<0.1	67	1.30	0.064
1810802	Sediment	0.1	26.8	2.3	42	<0.1	10.5	7.8	276	1.64	1.6	0.4	1.5	1.3	39	0.1	0.1	<0.1	55	1.11	0.068
1810808	Sediment	0.4	57.9	4.2	50	<0.1	13.0	8.7	407	1.82	2.5	0.5	5.5	0.7	43	0.3	0.2	<0.1	64	1.51	0.072
1810822	Sediment	0.2	26.2	3.1	44	<0.1	10.8	8.1	958	2.00	7.5	0.4	5.1	1.4	51	0.1	0.3	<0.1	54	1.06	0.052
1810834	Sediment	0.5	23.4	3.3	47	<0.1	11.3	6.7	1987	1.83	4.1	0.4	1.6	0.7	102	0.3	0.3	<0.1	44	2.04	0.067
1810836	Sediment	0.5	22.3	4.0	44	<0.1	11.8	7.3	533	2.00	5.5	0.4	2.0	1.7	93	0.2	0.4	<0.1	60	2.81	0.060
1810845	Sediment	0.3	23.9	3.3	45	<0.1	11.5	7.8	373	2.04	3.3	0.5	3.1	1.6	74	0.2	0.3	<0.1	78	1.25	0.064
1810846	Sediment	0.3	25.4	3.2	53	<0.1	12.7	9.0	445	2.51	3.0	0.5	1.2	1.5	96	0.1	0.3	<0.1	91	1.29	0.072
1810850	Sediment	0.7	17.8	4.0	25	<0.1	6.1	2.9	951	0.74	1.4	1.5	1.9	0.1	108	0.3	0.2	<0.1	16	2.52	0.084
1810854	Sediment	0.2	32.3	4.1	63	<0.1	14.5	9.7	961	2.42	4.9	0.5	3.7	1.5	77	0.2	0.4	<0.1	65	1.60	0.067
1810855	Sediment	0.8	40.5	4.6	63	<0.1	17.6	11.1	446	2.87	6.6	0.5	2.0	1.7	97	0.2	0.7	<0.1	93	1.88	0.063
1810859	Sediment	0.8	30.2	4.7	51	0.1	21.6	9.0	410	2.27	7.0	0.5	5.7	1.6	85	0.2	0.7	<0.1	53	1.11	0.059
1810863	Sediment	0.5	37.2	4.8	67	<0.1	16.6	11.1	3626	2.91	8.8	0.5	2.6	1.6	100	0.3	0.4	<0.1	77	1.84	0.073
1810867	Sediment	0.2	15.1	2.0	49	<0.1	11.8	9.8	263	2.20	3.0	0.3	<0.5	1.4	41	<0.1	0.2	<0.1	69	0.85	0.057
1810873	Sediment	0.4	31.3	3.6	55	<0.1	14.5	9.3	596	2.22	3.5	0.5	4.5	1.5	66	0.2	0.4	<0.1	74	1.30	0.060
1810923	Sediment	0.4	41.8	3.0	46	<0.1	14.8	10.0	378	2.52	3.5	0.4	1.5	1.2	116	<0.1	0.4	<0.1	81	1.97	0.062
1810951	Sediment	0.2	32.9	3.2	51	<0.1	11.7	9.0	607	2.10	6.1	0.4	2.8	1.4	60	0.2	0.3	<0.1	58	1.60	0.050
1810959	Sediment	0.5	14.9	4.6	67	<0.1	8.5	10.6	746	3.19	2.1	0.9	1.1	1.6	108	<0.1	0.1	<0.1	111	0.87	0.080
1810960	Sediment	0.3	43.9	3.3	57	<0.1	15.1	12.4	951	3.04	5.4	0.4	3.6	1.6	87	0.1	0.5	<0.1	97	2.26	0.055



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**Client:** **Ryan Burke**  
60 Boswell Crescent  
Whitehorse Yukon Y1A 4T3 Canada

**Project:** KT  
**Report Date:** July 24, 2020

**Page:** 2 of 3

**Part:** 2 of 2

# CERTIFICATE OF ANALYSIS

# WHI20000088.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1810751	Sediment	7	16	0.51	68	0.064	6	0.80	0.026	0.04	<0.1	0.02	4.9	<0.1	<0.05	3	<0.5	<0.2
1810753	Sediment	6	34	1.01	93	0.077	34	1.76	0.026	0.05	0.1	0.09	10.2	<0.1	0.06	5	1.6	<0.2
1810760	Sediment	4	16	0.47	272	0.036	10	0.88	0.029	0.04	<0.1	0.07	4.7	<0.1	0.07	3	2.5	<0.2
1810764	Sediment	7	20	0.57	107	0.076	5	1.43	0.025	0.04	0.1	0.05	7.2	<0.1	<0.05	4	1.7	<0.2
1810766	Sediment	7	18	0.51	98	0.058	5	1.28	0.025	0.03	0.1	0.03	5.7	<0.1	<0.05	4	0.6	<0.2
1810775	Sediment	6	24	0.69	103	0.066	5	1.36	0.027	0.04	<0.1	0.06	6.8	<0.1	<0.05	4	0.7	<0.2
1810792	Sediment	7	21	0.57	76	0.085	6	1.06	0.032	0.04	<0.1	0.04	5.5	<0.1	<0.05	4	<0.5	<0.2
1810793	Sediment	8	21	0.60	100	0.085	10	1.29	0.035	0.05	0.1	0.06	6.3	<0.1	<0.05	4	0.9	<0.2
1810794	Sediment	6	20	0.64	75	0.100	7	1.25	0.026	0.04	<0.1	0.02	5.4	<0.1	<0.05	5	<0.5	<0.2
1810795	Sediment	6	19	0.51	106	0.083	3	1.11	0.027	0.04	0.1	0.06	5.8	<0.1	<0.05	4	<0.5	<0.2
1810796	Sediment	8	25	0.61	90	0.080	9	1.35	0.027	0.06	0.1	0.05	7.3	<0.1	<0.05	4	0.9	<0.2
1810799	Sediment	9	23	0.56	88	0.076	7	1.09	0.031	0.06	<0.1	0.05	6.1	<0.1	<0.05	4	<0.5	<0.2
1810802	Sediment	7	22	0.55	91	0.053	6	1.28	0.027	0.03	<0.1	0.06	7.1	<0.1	<0.05	4	0.7	<0.2
1810808	Sediment	6	29	0.57	100	0.042	4	1.48	0.028	0.05	<0.1	0.10	8.7	<0.1	0.05	4	2.3	<0.2
1810822	Sediment	7	19	0.53	115	0.064	6	1.08	0.036	0.04	<0.1	0.03	6.0	<0.1	<0.05	3	<0.5	<0.2
1810834	Sediment	6	17	0.61	163	0.049	21	0.95	0.035	0.05	<0.1	0.07	5.0	<0.1	0.08	3	2.3	<0.2
1810836	Sediment	8	18	0.56	86	0.072	9	1.03	0.035	0.05	<0.1	0.04	6.2	<0.1	<0.05	3	0.5	<0.2
1810845	Sediment	8	20	0.53	105	0.092	4	1.31	0.042	0.05	<0.1	0.07	6.2	<0.1	<0.05	5	<0.5	<0.2
1810846	Sediment	8	22	0.64	110	0.103	9	1.32	0.054	0.05	0.1	0.09	6.0	<0.1	<0.05	5	0.6	<0.2
1810850	Sediment	3	10	0.26	128	0.017	12	0.53	0.032	0.02	<0.1	0.09	1.7	<0.1	0.26	1	1.5	<0.2
1810854	Sediment	8	25	0.75	165	0.070	8	1.55	0.040	0.06	<0.1	0.06	9.5	<0.1	0.10	5	0.7	<0.2
1810855	Sediment	8	28	0.93	114	0.110	8	1.86	0.047	0.08	<0.1	0.06	11.1	0.1	<0.05	6	0.6	<0.2
1810859	Sediment	8	28	0.67	119	0.054	7	1.26	0.032	0.07	0.1	0.04	6.3	0.1	<0.05	4	<0.5	<0.2
1810863	Sediment	8	27	0.80	258	0.064	12	1.60	0.040	0.07	<0.1	0.08	10.6	<0.1	0.08	5	0.7	<0.2
1810867	Sediment	6	18	0.65	83	0.088	4	1.31	0.037	0.04	<0.1	0.03	5.7	<0.1	<0.05	4	<0.5	<0.2
1810873	Sediment	8	25	0.72	122	0.081	8	1.57	0.038	0.06	<0.1	0.07	8.5	<0.1	<0.05	4	<0.5	<0.2
1810923	Sediment	7	25	0.96	91	0.097	24	1.65	0.042	0.06	<0.1	0.11	9.5	<0.1	<0.05	4	1.0	<0.2
1810951	Sediment	6	21	0.65	91	0.067	9	1.21	0.032	0.04	<0.1	0.03	6.5	<0.1	<0.05	4	0.6	<0.2
1810959	Sediment	11	19	0.90	236	0.125	5	1.37	0.143	0.11	<0.1	<0.01	5.3	<0.1	<0.05	5	0.7	<0.2
1810960	Sediment	7	25	0.93	111	0.104	12	1.72	0.050	0.06	<0.1	0.05	10.2	<0.1	<0.05	5	<0.5	<0.2



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**Client:** **Ryan Burke**  
60 Boswell Crescent  
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Project: KT  
Report Date: July 24, 2020

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# CERTIFICATE OF ANALYSIS

WHI20000088.1

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1810961	Sediment	0.4	177.0	1.9	67	0.1	23.8	32.1	686	6.08	11.7	0.3	70.5	0.7	63	0.1	0.3	0.1	228	3.01	0.045	
1810774	Sediment	0.5	45.5	4.8	54	<0.1	16.9	8.3	446	2.13	4.7	0.4	6.6	1.8	60	0.4	0.5	<0.1	57	3.27	0.068	



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# CERTIFICATE OF ANALYSIS

WHI2000088.1

Method	AQ201																	
	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Analyte	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
1810961	Sediment	3	70	2.12	94	0.099	86	3.45	0.047	0.07	<0.1	0.23	22.9	<0.1	0.39	10	1.1	<0.2
1810774	Sediment	9	29	0.63	150	0.053	9	1.28	0.019	0.07	0.1	0.39	7.5	<0.1	0.10	4	1.0	<0.2



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# QUALITY CONTROL REPORT

WHI20000088.1

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
1810802 Sediment	0.1	26.8	2.3	42	<0.1	10.5	7.8	276	1.64	1.6	0.4	1.5	1.3	39	0.1	0.1	<0.1	55	1.11	0.068	
REP 1810802 QC	<0.1	27.6	2.3	42	<0.1	9.7	7.6	264	1.58	1.5	0.4	1.4	1.4	39	0.1	0.1	<0.1	53	1.10	0.065	
Reference Materials																					
STD DS11 Standard	13.6	134.8	136.6	340	1.8	74.6	13.3	931	3.20	42.9	2.5	62.2	7.5	76	2.4	10.1	12.3	48	0.99	0.074	
STD OREAS262 Standard	0.6	107.4	56.2	149	0.5	59.1	25.9	496	3.35	35.4	1.2	78.0	9.0	40	0.7	6.3	1.1	22	2.93	0.042	
STD DS11 Expected	14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701	
STD OREAS262 Expected	0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	5.06	1.03	22.5	2.98	0.04	
BLK Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	



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# QUALITY CONTROL REPORT

WHI20000088.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																		
1810802	Sediment	7	22	0.55	91	0.053	6	1.28	0.027	0.03	<0.1	0.06	7.1	<0.1	<0.05	4	0.7	<0.2
REP 1810802	QC	7	21	0.55	89	0.051	5	1.27	0.026	0.03	0.1	0.03	7.3	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																		
STD DS11	Standard	20	56	0.82	373	0.091	7	1.14	0.080	0.41	2.9	0.28	3.3	5.1	0.25	5	1.9	4.9
STD OREAS262	Standard	17	40	1.19	252	0.003	3	1.30	0.073	0.32	0.2	0.19	3.8	0.5	0.26	4	<0.5	0.3
STD DS11 Expected		18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
STD OREAS262 Expected		15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	0.17	3.24	0.47	0.253	4.1	0.4	0.23
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2