YMEP REPORT ON 2021 SOIL GEOCHEMISTRY AND PROSPECTING AT THE

TAUT PROJECT

YMEP FOCUSED REGIONAL PROJECT 21- 055

CLAIMS:
TAUT 1 - 36: YD132101 – YD132136
TAUT 37 – 40: YD17517 - YD17520
TAUT 41 – 50: YD18092 – YD18100
TAUT 51 – 52: YD17515 – YD17516

NTS: 115H/15 & 115H/10

Latitude 61°46'N; Longitude 136°47'W

Whitehorse Mining District, Yukon, CANADA

Prepared By The Claim Owners: William Mann, P.Geo. and Roger Hulstein, P.Geo.

Field Work Conducted July 16 – July 21, 2021

January 15, 2022

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1.0 EXECUTIVE SUMMARY

The purpose of this report on the Taut project (YMEP 2021-055) is to fulfill obligations arising from funding obtained through the Yukon Mineral Exploration Program (YMEP) and to fulfill the requirements for claim assessment credit. This report describes and summarizes the geological and geochemical results obtained in 2021 from a six day field program carried out from July 16th – July 21st, 2021 by the authors.

The Taut Project is located in west central Yukon, approximately 150 kilometres northwest of Whitehorse, Yukon. The all – weather North Klondike Highway is located about 40 kilometers to the east. Access in 2021 was by helicopter based out of Whitehorse. In June, 2019 a total of 36 Yukon Quartz Claims (Taut 1-36) were staked in the center of the project area to cover a historic zone of diamond drilling and most of the known anomalous soil and rock geochemistry. A further 16 claims (Taut 37 – 52) were staked in August, 2020 to extend ownership around the southern claim area. All the claims are registered in the name of William Mann (100%) on behalf of both partners.

The property is located within the traditional territories of the Little Salmon Carmacks First Nation (LSCFN) and the Champagne and Aishihik First Nation (CAFN). The authors are not aware of any other significant factors or risks potentially affecting access, title, or the right or ability to perform exploration or eventually carry out mining on the property.

The project area is located within the Stikine terrane and is underlain largely by Jurassic rocks of the Aishihik batholith consisting of an older foliated granodiorite and a younger non foliated quartz monzonite. These rocks are capped by Late Cretaceous andesites and intruded by coeval intermediate porphyritic intrusions. A sample of weakly chlorite - epidote – sericite altered feldspar – hornblende porphyry was recently dated and yielded an age of 76.12 +/- 0.72 Ma. This age date is similar to that of the Cu-Mo-Au-Ag Casino and Nucleus – Revenue porphyry deposits located approximately 150 km and 65 km to the northwest, respectively.

Noranda Exploration Company, Limited identified the area as a Cu-Mo porphyry target in the late 1970's and followed up by staking claims, mapping, geochemical sampling, magnetometer and induced polarization (IP) surveys and diamond drilled three vertical holes totaling 270.62 m in 1980. Drilling targeted geophysical anomalies in an overburden filled valley, now labelled the "Tahte Mystery Bowl". Overburden was reported to be 10.7 m – 26.5 m thick in the drill holes with no nearby outcrop.

Following a hiatus in exploration the target was re-staked in 2009 by Cathro Resources Corp. The Noranda drill core was resampled in 2010 with DDH-1 returning 65.53 m of 60 ppb Au, 549 ppm Cu and 46 ppm Mo. DDH -3 returned 50.82 m of 138 ppb Au, 735 ppm Cu and 91 ppm Mo (including 7.75m of missing core with no values). Cathro subsequently carried out soil and rock sampling surveys, reconnaissance mapping, and a three line IP survey in 2013. This IP survey confirmed and refined the Noranda IP chargeability anomaly with the result that two of the located drill sites (unknown drill hole numbers) are on the margins of the two strongest IP anomalies identified in 2013.

Northwest of the “Tahte Mystery Bowl” geological mapping and geochemical sampling by Cathro located a northwest trending, approximately 2400 m by 600 m wide, zone of quartz veining containing disseminated molybdenite, hosted by non-foliated quartz monzonite, that they named the Ribbon Zone.

In 2019 the two Noranda drill sites and three 2013 IP lines were relocated on the ground in the “Tahte Mystery Bowl”. The alluvium – colluvium filled valley is approximately 1300 m in diameter. Three test pits were excavated by hand tools to depths of 1.2 m and 0.60 m over the strongest IP chargeability anomalies in the valley before encountering permafrost. In total five soil samples were collected from these pits and three returned 31.8 ppb – 97.9 ppb gold in spite of extensive overburden.

A total of 5 rock samples, 89 B-C horizon soil samples and 47 Ah horizon soil samples were collected 2021. Gold and copper results from the rock samples contained low to weakly anomalous values, with best results (65.7 ppb Au, 79.8 ppm Cu) from test pit 21-1 located near the site of the highest gold in soil sample.

Test soil lines in 2019 located a previously unrecognized gold in soil anomaly over 1700 m on a volcanic ridge on the southwest side of the Taut claims, and immediately southwest of the “Tahte Mystery Bowl” valley. The South Ridge zone is underlain by Carmacks Group andesite and locally intruded by the weakly altered feldspar – hornblende porphyry that yielded a Late Cretaceous age date. Work in 2020 and 2021 confirmed this anomaly. Samples from this area returned many anomalous Au values from soil samples, including the highest value on the property 1018 ppb Au. Anomalous values were also reported for Ag, Cu, Mo, Pb, Zn, As and Sb. The altered and mineralized rocks in this area tend to be recessive weathering, with the fresh volcanic rocks more prominent. A recessive lineament that crosses the ridge in this area has soils that are geochemically anomalous, although the lineament is covered to a great extent by boulders of fresh volcanics.

The area immediately northwest of the “Tahte Mystery Bowl” and on the eastern side of the Ribbon Zone is underlain by a number of northwest trending recessive zones and andesite outcrops, likely dykes or sills. Soil geochemistry of in this area in 2019 returned anomalous values for Au, Ag, Cu, Pb, Zn and Mo. Further detailed work should be conducted in the Northwest Anomaly area.

The mineralization intersected in 1980 drilling is part of a porphyry Cu- Mo- Au- Ag system that is similar in age to the giant Casino porphyry deposit. Further work is warranted and recommended on the Taut Property and surrounding project area given; the very encouraging Cu – Au results obtained from the Noranda drill holes in the “Tahte Mystery Bowl”, anomalous gold values obtained in the Tahte Mystery Bowl test pits, anomalous gold in rock and soil results over 1700 m on the South Ridge zone, and the two kilometer long molybdenite Ribbon Zone on the north side. Prior to drilling a more detailed magnetic +/- radiometric survey is recommended along with a Lidar or DEM survey. Due to favourable results from the 2021 orientation survey of Ah horizon ultra-trace soil geochemistry, further sampling with this technique should be conducted over certain parts of the property.

Additional mapping, geochemical sampling (rock and soil) should be carried out over the aeromagnetic highs and areas underlain by volcanic/porphyry units on the south end of the claims and in the area of volcanic dykes located at the Northwest anomaly.

Plate 2. Aerial View looking SE. Tahte Mystery Bowl and SW volcanic ridge (unit uKC2) and saddle with camp.

2.0 INTRODUCTION

This report on the Taut porphyry project has been prepared for the Yukon Mineral Exploration Program (YMEP) and fulfills program requirements. The report also fulfills assessment reporting requirements to maintain the claims. The project sponsors and the authors of this report, William Mann, P.Geo. and Roger Hulstein, P.Geo., are two Whitehorse, Yukon based mineral exploration geologists. A total of $25,179 xx pending final $$ - RH in eligible expenses was incurred in 2021. This report is the required final report for the YMEP program describing and summarizing the work carried out in 2021, the results, and recommendations for further work.

The information and data used in the report was collected by the authors during a 2021 field program carried out from July 16th to July 21st and on referenced sources. The earliest referenced work was carried out by Noranda Exploration Company, Limited in 1977 – 1980 (Fairbank et al, 1977 and McDonald, 1981). This work included geological mapping, geophysics (magnetics and induced polarization surveys) and soil geochemistry (not filed for assessment) followed by diamond drilling. Following a lengthy exploration hiatus Cathro Resources Corp. re-staked the property in 2009 and optioned it to Skeena Resources Limited in 2010 who carried out a program of soil sampling and re-logging and sampling of the three drill holes (total 270.62 m) completed by Noranda (Cathro and Pautler, 2011). Skeena returned the property to Cathro Resources in 2010 who subsequently carried out a program of soil sampling, geophysics (induced polarization), and limited prospecting (Cathro, 2014).

No further exploration work was carried out by Cathro Resources and the claims were allowed to lapse. William Mann restaked the property in June, 2019 and subsequently partners Mann and Hulstein carried out a program of soil sampling, limited geological mapping, test pitting and prospecting on the claims and surrounding area in August, 2019. Further work was conducted in August, 2020 including the addition of 16 claims, soil geochemistry and prospecting. A total of 5 rock samples, 89 B-C horizon soil samples and 47 Ah horizon soil samples were collected in July 2021, as described in this report.

3.0 RELIANCE ON OTHER EXPERTS

The authors visited the property from the 16th to 21st of July, 2021 (and previously in 2019 and 2020), and together obtained 5 rock samples and 136 soil samples. Results of this program have been incorporated into the report. The authors are responsible for all sections of this report.

There was no reliance on other experts in the preparation of this report on the Taut Project beyond those sources that are referenced. The authors have not verified data from exploration programs prior to 2019 that are referenced. The assumption is made that all previous work has been completed to best-practice industry standards and the authors have no reason to doubt this assumption.

Much of the information on the Taut Project (geological setting, structural geology, airborne geophysics and past assessment reports) was obtained from public sources provided by the Government of Yukon.

Information on claim tenure, including adjacent properties, and regional geology was provided by the Government of Yukon's website "GeoYukon" of the Yukon Geology Survey at https://mapservices.gov.yk.ca/GeoYukon/ . Information on regional geology and mineral deposits was also provided by the "Yukon Bedrock Geology" website available at https://yukon.ca/en/yukon-geology#bedrock-geology and at http://data.geology.gov.yk.ca/Compilation/3.

4.0 PROPERTY DESCRIPTION AND LOCATION

The Taut property, which lies within and is part of the Taut project area, consists of 52 contiguous Yukon quartz claims, comprising approximately 1086 hectares (2683 acres). The property is located (centered) at 61°46' N Latitude, 136°47' W Longitude (UTM NAD 83: 405500E, 6849500, Zone 8) on NTS map sheet 115H/15 and 115H/10 in the Whitehorse Mining District of Yukon Territory, Canada (Figure 1). The property claims are held by William Mann who has a joint ownership agreement (51%/49%) with Roger Hulstein. Up to date information on the claims can be obtained from the Yukon Government, Energy, Mines and Resources Department available online from the Yukon Mining Recorder (https://apps.gov.yk.ca/ymcs/f?p=116:1)

Table 1. Claim status of the property as of December 1, 2021.

Grant Number	Claim Name	Claim Number	Registered Claim Owner	Recording Date	Staking Date	Claim Expiry Date
YD132101	TAUT	1	William Mann - 100%	2019-06-11	2019-06-10	2029-04-30
YD132102	TAUT	2	William Mann - 100%	2019-06-11	2019-06-10	2029-04-30
YD132103	TAUT	3	William Mann - 100%	2019-06-11	2019-06-10	2029-04-30
YD132104	TAUT	4	William Mann - 100%	2019-06-11	2019-06-10	2029-04-30
YD132105	TAUT	5	William Mann - 100%	2019-06-11	2019-06-10	2029-04-30
YD132106	TAUT	6	William Mann - 100%	2019-06-11	2019-06-10	2029-04-30
YD132107	TAUT	7	William Mann - 100%	2019-06-11	2019-06-10	2027-04-30
YD132108	TAUT	8	William Mann - 100%	2019-06-11	2019-06-10	2027-04-30
YD132109	TAUT	9	William Mann - 100%	2019-06-11	2019-06-10	2027-04-30
YD132110	TAUT	10	William Mann - 100%	2019-06-11	2019-06-10	2027-04-30
YD132111	TAUT	11	William Mann - 100%	2019-06-11	2019-06-10	2027-04-30
YD132112	TAUT	12	William Mann - 100%	2019-06-11	2019-06-10	2027-04-30
YD132113	TAUT	13	William Mann - 100%	2019-06-11	2019-06-10	2029-04-30
YD132114	TAUT	14	William Mann - 100%	2019-06-11	2019-06-10	2029-04-30
YD132115	TAUT	15	William Mann - 100%	2019-06-11	2019-06-10	2029-04-30
YD132116	TAUT	16	William Mann - 100%	2019-06-11	2019-06-10	2029-04-30
YD132117	TAUT	17	William Mann - 100%	2019-06-11	2019-06-10	2029-04-30
YD132118	TAUT	18	William Mann - 100%	2019-06-11	2019-06-10	2029-04-30
YD132119	TAUT	19	William Mann - 100%	2019-06-11	2019-06-10	2029-04-30
YD132120	TAUT	20	William Mann - 100%	2019-06-11	2019-06-10	2027-04-30
YD132121	TAUT	21	William Mann - 100%	2019-06-11	2019-06-10	2029-04-30
YD132122	TAUT	22	William Mann - 100%	2019-06-11	2019-06-10	2027-04-30

YD132123	TAUT	23	William Mann - 100%	2019-06-11	2019-06-10	2027-04-30
YD132124	TAUT	24	William Mann - 100%	2019-06-11	2019-06-10	2027-04-30
YD132125	TAUT	25	William Mann - 100%	2019-06-11	2019-06-10	2027-04-30
YD132126	TAUT	26	William Mann - 100%	2019-06-11	2019-06-10	2027-04-30
YD132127	TAUT	27	William Mann - 100%	2019-06-11	2019-06-10	2027-04-30
YD132128	TAUT	28	William Mann - 100%	2019-06-11	2019-06-10	2027-04-30
YD132129	TAUT	29	William Mann - 100%	2019-06-11	2019-06-10	2027-04-30
YD132130	TAUT	30	William Mann - 100%	2019-06-11	2019-06-10	2027-04-30
YD132131	TAUT	31	William Mann - 100%	2019-06-11	2019-06-10	2027-04-30
YD132132	TAUT	32	William Mann - 100%	2019-06-11	2019-06-10	2029-04-30
YD132133	TAUT	33	William Mann - 100%	2019-06-11	2019-06-10	2025-06-11
YD132134	TAUT	34	William Mann - 100%	2019-06-11	2019-06-10	2029-04-30
YD132135	TAUT	35	William Mann - 100%	2019-06-11	2019-06-10	2027-04-30
YD132136	TAUT	36	William Mann - 100%	2019-06-11	2019-06-10	2027-04-30
YD17517	TAUT	37	William Mann - 100%	2020-08-18	2020-08-11	2026-04-30
YD17518	TAUT	38	William Mann - 100%	2020-08-18	2020-08-11	2026-04-30
YD17519	TAUT	39	William Mann - 100%	2020-08-18	2020-08-11	2026-04-30
YD17520	TAUT	40	William Mann - 100%	2020-08-18	2020-08-11	2026-04-30
YD18091	TAUT	41	William Mann - 100%	2020-08-18	2020-08-11	2026-04-30
YD18092	TAUT	42	William Mann - 100%	2020-08-18	2020-08-11	2026-04-30
YD18093	TAUT	43	William Mann - 100%	2020-08-18	2020-08-11	2026-04-30
YD18094	TAUT	44	William Mann - 100%	2020-08-18	2020-08-11	2026-04-30
YD18095	TAUT	45	William Mann - 100%	2020-08-18	2020-08-11	2026-04-30
YD18096	TAUT	46	William Mann - 100%	2020-08-18	2020-08-11	2026-04-30
YD18097	TAUT	47	William Mann - 100%	2020-08-18	2020-08-11	2026-04-30
YD18098	TAUT	48	William Mann - 100%	2020-08-18	2020-08-11	2026-04-30
YD18099	TAUT	49	William Mann - 100%	2020-08-18	2020-08-15	2026-04-30
YD18100	TAUT	50	William Mann - 100%	2020-08-18	2020-08-15	2026-04-30
YD17515	TAUT	51	William Mann - 100%	2020-08-18	2020-08-15	2026-04-30
YD17516	TAUT	52	William Mann - 100%	2020-08-18	2020-08-15	2026-04-30

The claim expiry dates in the table above includes assessment work performed in 2021 and described in this report that is pending approval.

The surface rights on the property are held by the Crown. Exploration activities are therefore dependant on obtaining the appropriate land use permit(s) for proposed exploration activities. A Class 1 "Notification" permit, number Q2021-0176 was obtained for 2021 work. Activities allowed under a "Class 1" exploration permit comprise rock, soil and silt geochemical sampling, geological mapping, trenching (to a limit of 400 m^3 per claim), temporary trail construction (to a maximum of 3.0 km) and a maximum of 250 person-days in camp.

A gradation of permits, for Class 2 through Class 4 activities, is required for more significant programs like diamond drilling and reverse-circulation drilling programs having a footprint exceeding Class 1 limits. Larger exploration programs require a "Class 3 Permit", are valid for five years (ten if requested) and acquired through the local Mining Recorder, Department of Energy, Mines and Resources (EMR), Government of Yukon.

Class 3 permit activities allow for sizable diamond drilling programs (depending on the number of clearings per claim), up to 5,000 m^3 of trenching per claim per year, the establishment of up to 15 km of new roads and 40 km of new trails, and up to 200,000 tonnes of underground excavation. Additional permits required are a "Consolidated Environmental Act Permit" for

proper disposal of camp waste and ash resulting from incineration, and a "Fuel Spill Contingency Plan". A "Yukon Water License" is required if water usage exceeds 300 m^3/day. Additional licenses may be required for "Disposal of Special Waste".

All applications for Class 2 through Class 4 require review by the Yukon Environmental and Socioeconomic Board (YESAB). YESAB will recommend whether a project may proceed, whether it may proceed with modifications, or whether the project does not meet the environmental or socioeconomic expectations and should not proceed. Following submission by YESAB, a Decision Body determines whether to accept the recommendations, and, if a permit is awarded, what the conditions of the permit will be.

There are no significant environmental liabilities on the property beyond one, full 200 liter fuel drum found on the property in 2019. This drum is located on an alpine ridgetop near a cairn at field station RH19450 (NAD 83 UTM: 405285 E, 684933 N) and likely contains either Jet A or Jet B fuel. When it was examined in August 2019 the drum appeared sound and was not weeping fuel. At the two located drill sites, field stations RH19412 and TAHDDH (NAD 83 UTMs: 405980 E, 6848984 N and 406158 E, 6848984 N, respectfully), a number of steel drill rods were found.

The property is located within the shared traditional territories of the Little Salmon Carmacks First Nation (LSCFN) and the Champagne Aishihik First Nation (CAFN). Approximately 500 m north of the northwest corner of the Taut claim group is a "Category B" block of land, block LSC R-22B that covers the ground to the north and east. Joint claim owners William Mann and Roger Hulstein intend to make initial contact with the LSCFN and CAFN towards securing a respectful working relationship and establishing "social license" for future work once the pandemic is over.

The authors are not aware of any other significant factors or risks potentially affecting access, title, or the right or ability to perform exploration on the property.

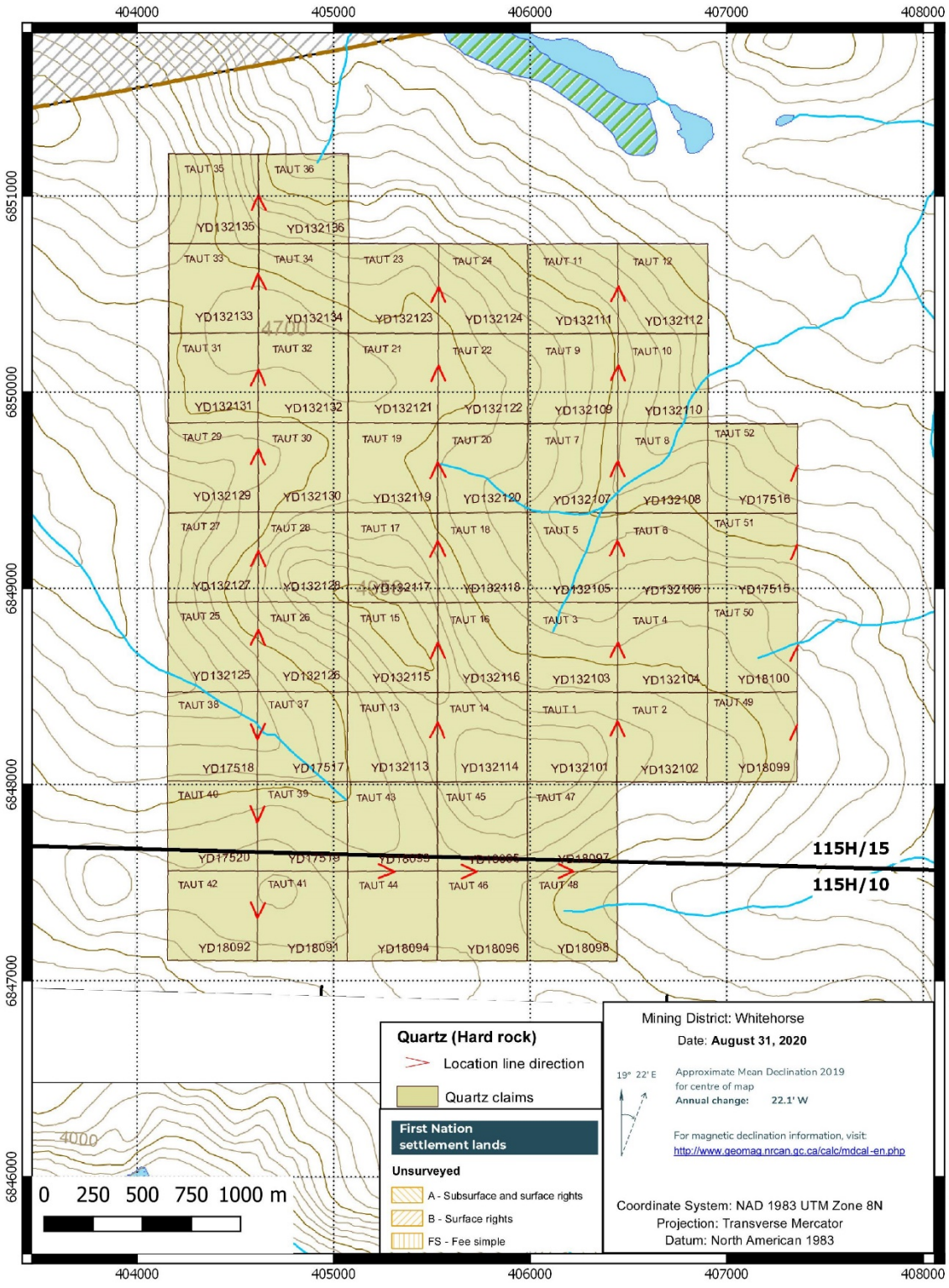

Figure 1. Claim Map, NTS 115H/ 15 & 115H/ 10

5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The TAUT claims lie about 148km northwest of Whitehorse, and 43 km southwest of Carmacks in the Whitehorse Mining District (Figure 2). They are located on NTS map sheets 115H/15 and 115H/10, and are centred at approximately 61º46'N Lat., 136º47'W Long. The project lies at the headwaters of Incised Creek, which drains easterly into the Nordenskiold river, and Tahte Creek which drains northwesterly into Mackintosh Creek and then into the Nisling river.

Elevations on the property range from 1180 m to 1511 m, within the subalpine and alpine zones, with tree line generally near 1370 m. Topography is mostly gentle and rounded, with a few steep rocky slopes and outcrops. Vegetation on the property is sparse, mostly grasses and mosses with buckbrush proximal to stream drainages. A few clusters of spruce trees are present at lower elevations, but the property is essentially all above treeline.

Access to the property is by helicopter, with abundant landing areas across the claims. Road access is relatively nearby in three directions. The Mt. Nansen road network is about 27 km to the north, with minor stream crossings. The Klondike Highway and Yukon power grid is about 36 km to the east, across the Nordenskiold river. The Aishihik road is about 30 km to the southwest, with minor stream crossings.

The TAUT project lies within the Yukon Plateau- Central ecoregion of the Boreal Cordillera ecozone (Smith et. al. 2004). The area is dry with total annual precipitation of about 250 to 275 mm, about two thirds of which falls during the summer. Snow typically covers the ground from early October until late April. The mean January temperature is about -20º C, and the mean July temperature is about +10º C. The area lies immediately west of the Reid age glacial limit, and was covered by Pre-Reid glaciation. The project lies in the Extensive Discontinuous Permafrost zone, with permafrost present in thicker soils on north and east facing slopes and in valleys.

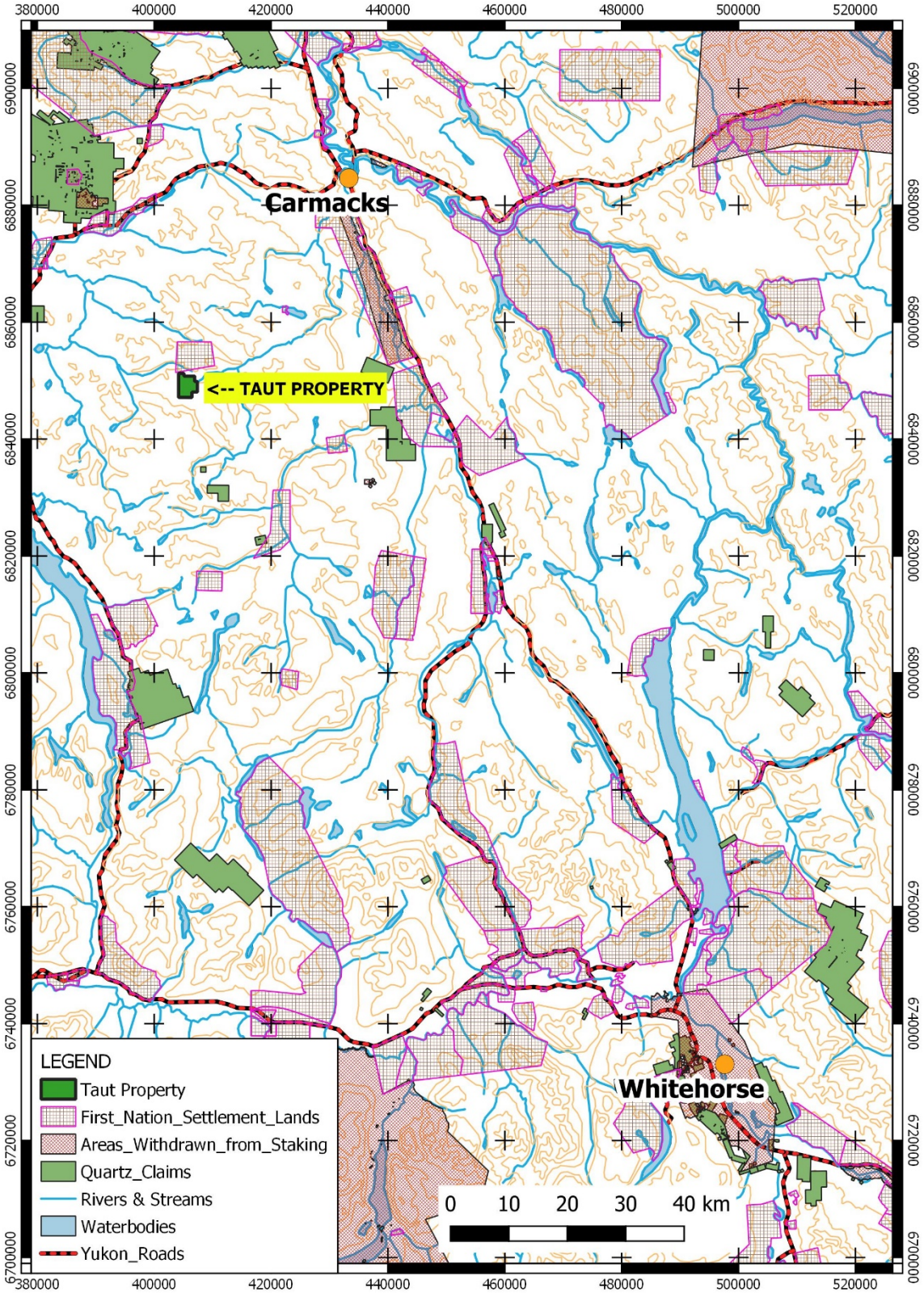

Figure 2. TAUT Project Location Map

6.0 HISTORY

1966-1979 – Surficial geological mapping of the area by the Geological Survey of Canada at 1:100,000 scale (Hughes, 1989). The project area is covered by colluvial veneer and bedrock, and the Reid glacial limit lies proximal to the eastern edge of the TAUT claims.

1970-1972 – Reconnaissance bedrock geological mapping conducted in the area by the Geological Survey of Canada at 1:250,000 scale (Tempelman-Kluit, 1973).

1977 - Staked as 42 TAH claims by Noranda Exploration Company, which explored with linecutting (13.94 miles), IP (12.76 line-miles), magnetics (22.68 miles), geological mapping and geochemical surveys (Fairbanks et. al., 1977). The geochemistry was not filed for assessment, and is not available. Some of the work extended beyond the claim boundaries, particularly to the south. Noranda concluded: "The I.P. and geology surveys indicate the potential for a porphyry type Cu-Mo occurrence associated with the feldspar porphyry unit."

1980 - In 1980, Noranda completed three diamond drill holes totaling 269 m on the Tah claims (Macdonald, 1980), however, the report does not specify the targets. The hole location map in the report is rudimentary and the grid coordinates of two of the holes show them being at the same location, which does not match with the map. The collars of two drill holes (assumed to be TA-80-01 and 03) were located during the 2019 field program and are shown on Figure 6. The drill holes appear to have tested an area of moderate PFE values (chargeability), approximately midway between the PFE high "ridge" and the mapped kaolinite-sericite-silica alteration zones. The holes cored the three intrusive phases mapped on surface plus a dark green dyke. The logs describe moderate to intense alteration (clay, sericite, hematite, jarosite), intense fracturing, deep weathering, quartz veining, up to 5-10% disseminated pyrite in multiple phases, along with occasional malachite, molybdenite, fluorite and gypsum. Assaying was incomplete, yet several mineralized sections were reported (here converted to metric):

Hole	Length (m)	Grade
#1	19.8	0.12 g/t Au
and	19.8	0.07 % Cu (deeper in hole)
#3	20.3	0.144 g/t Au and 10.53 g/t Ag
incl	1.54	0.96 g/t Au
and	4.56	16.2 g/t Ag

1989 – The Tahte area (along with two areas to the south) were staked by Golden Quail Resources Ltd. as the Nick III block of 34 claims in 1989. Golden Quail carried out reconnaissance prospecting in 1989, with 3 heavy mineral stream samples and one rock sample. The samples were analyzed for Au, Pt & Pd. One heavy mineral sample was anomalous, with 139 ppb Au from a location on the southwest side of the current TAUT claims (Lambert, 1990).

1990 – Golden Hemlock optioned the Nick III claims and collected 6 silt samples from the claims and nearby. These samples were only analyzed for Au and As, with a maximum Au value of 40 ppb (Davidson, 1991).

1997 – Glacial limit mapping conducted in the area by the Geological Survey of Canada at 1:250,000 scale (Duk-Rodkin, 2002). The middle Pleistocene (ca. 200 ka) Reid glacial limit lies proximal to the east side of the TAUT property. The bulk of the property was affected by the Pre-Reid glaciation (ca. 3 ma).

2010 – 74 SUZI claims were staked to cover the area of the old TAH claims by Cathro Resources Corp. 24 stream sediment (silt) samples and 4 moss mat samples were collected from creeks and tributaries. 49 rock samples were collected. 155 soil samples were collected at 50 m spacing on five E-W lines spaced 200 m apart.

The Ribbon zone was discovered – molybdenite in quartz veins to 5m wide, located about 1.5km north of the Tahte zone. Re-logging and sampling of historic Noranda drill core was completed at the Bostock Core Library in Whitehorse (Cathro & Pautler, 2011). The detailed silt sampling of the area did not discover anything new, but confirmed the Tahte area as anomalous in Cu, Mo & Au and the Ribbon zone as anomalous in Mo. "Core from 3 historic Noranda holes was re-logged and re-sampled, confirming that Cu-Mo-Au mineralization is associated with silica, clay and sericite-pyrite alteration of a multiphase intrusive complex. Holes TA-80-01 and 03 encountered weak to moderate porphyry-style alteration and mineralization over their full lengths with maximum values reaching 170 ppb Au, 1134 ppm Cu and 229 ppm Mo. The alteration, host rocks, mineralogy and metal values are consistent with porphyry-style mineralization."

2011 – An airborne magnetic survey of 115H/15 was flown by the Geological Survey of Canada (Kiss & Coyle, 2011). The survey had 400 m line spacing and a nominal 100 m terrain clearance. At the project area distinct and irregular magnetic highs are surrounded by an annular magnetic low.

2012 – Cathro staked additional claims to the north, collected 29 B-horizon soil samples, 40 power auger soil samples from 85cm depth, and extended the Ribbon zone by prospecting (Cathro, 2013). 20 rock grab samples were collected from the Ribbon zone area, which extended the zone to 1.5 km length. Molybdenum is found as molybdenite and ferrimolybdite in white quartz veins with accessory pyrite and rare galena. Veins are up to 5 m wide, near vertical, and trend about 300º. Regarding the usefulness of power auger results, the shallow soil sampling appears to demonstrate slightly higher highs for Cu and Mo, and better clustering for Cu and Au.

2013 – Cathro collected 73 B-horizon soil samples and 3 rock samples in the vicinity of the Ribbon moly zone and Tahte zone (Cathro, 2014). Three parallel IP survey lines were laid out in an ENE direction to cross known geophysical and geological features. The IP lines were 3300 to 2500 m long. The IP work confirmed the IP high results of Noranda at the Tahte zone, and showed an anomaly proximal to the Ribbon zone. The core of the Tahte zone has a coincident Cu- Mo- Au- Ag geochemical anomalies, IP anomalies and Mag anomalies in an area about 1500 m diameter with no outcrop.

2014 – U- Pb isotopic analysis of porphyritic rock on the property returned an age of 76.12±0.72 Ma, conducted by Murray Allan, Pacific Centre for Isotopic and Geochemical Research, Dept.

Earth and Ocean Sciences, The University of British Columbia. This is within the age range of the Casino intrusive suite.

2019 - 36 TAUT claims were staked by all-star prospecting duo Mann & Hulstein to cover the Tahte and Ribbon targets. A program of soil geochemistry, prospecting, geological mapping and petrography was conducted later in the summer. This work resulted in the identification of the southwest saddle and lineament as gold-enriched polymetallic targets.

2020 – 16 additional TAUT claims were staked to expand the property to the southwest. 17 rock samples and 122 soil samples were collected. One test pit was dug at the site of the highest gold in soil value. The Hematite Breccia zone was identified, and the South Ridge and Northwest zones recognized as target areas warranting additional work.

7.0 GEOLOGICAL SETTING AND MINERALIZATION

REGIONAL GEOLOGY

Little government mapping has been completed in the specific area of the claims. The Aishihik map sheet and the area of the Taut property were mapped in 1970-73 at a scale of 250,000 scale by the GSC (Tempelman-Kluit, GSC Map 17-1973). The area north of the claims was mapped in a preliminary manner at 1:100,000 (Ryan et. al., 2016). This map shows the Tahte minfile occurrence near it's eastern edge, however no geological details are shown in the area of the claims. For example, the volcanic rocks at the South Ridge zone are not shown. The Mt. Nansen map sheet 15km to the north of the claims was recently re-mapped at 1:50,000 scale (Sack et. al., 2021).

In 2011 the GSC commissioned an airborne magnetic survey of the area at 1:50,000 scale which has proved useful in interpreting the regional and property geology (Kiss & Coyle, 2011). This data was reprocessed at 1:250,000 scale which is useful in showing the regional magnetic pattern, and provides coverage of the southern part of the property (Aurora Geosciences & Bruce, 2020).

A recent regional geological compilation is shown on the Yukon Map Maker website (http://mapservices.gov.yk.ca/GeoYukon/)(Figures 3). The area southwest of Carmacks is mainly underlain by volcanic and intrusive rocks of the Stikine Terrane. To the east of Carmacks, across the northwest trending Braeburn Fault, the Upper Triassic Whitehorse Trough consists of sedimentary and volcanic rocks laid down in a basinal environment.

Rocks of the Stikine Terrane in the area of the Taut Project consists largely of intrusive rocks belonging to the Aishihik batholith, Long Lake Suite, and are subdivided into map unit EJgA, (foliated granodiorite, diorite and potassium feldspar granite of Jurassic age) and map unit EJgL (felsic granite and mesocratic hornblende syenite of Jurassic age). Tempelman-Kluit originally mapped these two intrusive units that he assumed to be of Triassic age as Trgdm, now unit EJgL and the slightly younger unit Trqm, now map unit EJgL, both now part of the Long Lake Suite.

Younger rocks on the property, mapped by Tempelman-Kluit (1974) as varicoloured acid tuff (map unit Tvr), are now interpreted as Carmacks Group andesites (map unit uKC2), and are commonly non-tuffaceous, feldspar – hornblende porphyritic and magnetite bearing.

A $^{207}Pb/^{235}U$ age date sample, described as a weakly chlorite – epidote – sericite altered feldspar – hornblende porphyry, from this unit returned an age of 76.12 +/- 0.72 Ma (Allen, 2014). This age places the intrusive and the probable coeval Carmacks volcanics within the Casino plutonic suite of 79 – 72 Ma (Allan et al., 2013). The geological legend of the rock units present in the Taut Project area is presented in Table 2 below.

Table 2. Geological legend of the Taut Property area.

GEOLOGICAL LEGEND			
Late Cretaceous			
YGS 2020*		DTK 1973**	Description
uKC2		Tvr	Carmacks Group; andesite volcanics, commonly feldspar, hornblende porphyritic, magnetite bearing where fresh
	Jurassic		
EJgL		Trgdm	Long Lake Suite, Aishihik Batholith; dark grey weathering, coarse - grained, equigranular biotite hornblende granodiorite to quartz diorite; commonly shows layering or foliation of mafics; may include pink quartz monzonite of unit EJgL
EJqL2		Trqm	Long Lake Suite, Aishikik Batholith; medium - coarse grained foliated biotie - hornblende granodiorite, pink quartz monzonite, aplite, local biotite rich gneiss schlieren
* http://mapservices.gov.yk.ca/GeoYukon/			
**Tempelman-Kluit (1974) - GSC Map 17-1973			

To the north and east of the project area the map unit EJqL2 includes porphyritic quartz monzonite of Tempelman-Kluit's (1974) Mqmp map unit. This unit is porphyritic (pink K-feldspar), medium-grained, hornblende biotite quartz monzonite and includes minor pink quartz monzonite (unit Trqm) and undifferentiated hornblende granodiorite (Trgdm).

The TAUT Project area lies between two northwest trending regional dextral faults that merge into one northeast of the area (Figure 3). Given the configuration of the faults it is not unreasonable to expect a certain amount of dilation between them, on the Taut property and in the project area. The northwest trend is similar to the trend of the faults that control most of the mineral deposits and mineralization found in the Dawson Range located just to the north of the TAUT Project. These deposits include a number of Casino age (ca. 79-72 Ma) copper – gold porphyries and related distal gold deposits; Casino, Nucleus – Revenue, Sonora Gulch and Cash, all located along the northwest trending dextral strike – slip Big Creek Fault. Other Casino age mineral occurrences include the Sato and the Hopper, both to the south of the TAUT project area.

Further to the north, the Aishihik Suite is host to important alkalic porphyry copper-gold deposits including Williams Creek and the Minto mine. Approximately 40 km to the north of the Taut property the mid – Cretaceous Mount Nansen camp is host to several precious metal epithermal deposits including; Huestis, Webber, Klaza (also of Casino age) and Brown – McDade. Near Whitehorse, Cretaceous skarn deposits of the Whitehorse copper belt were mined historically.

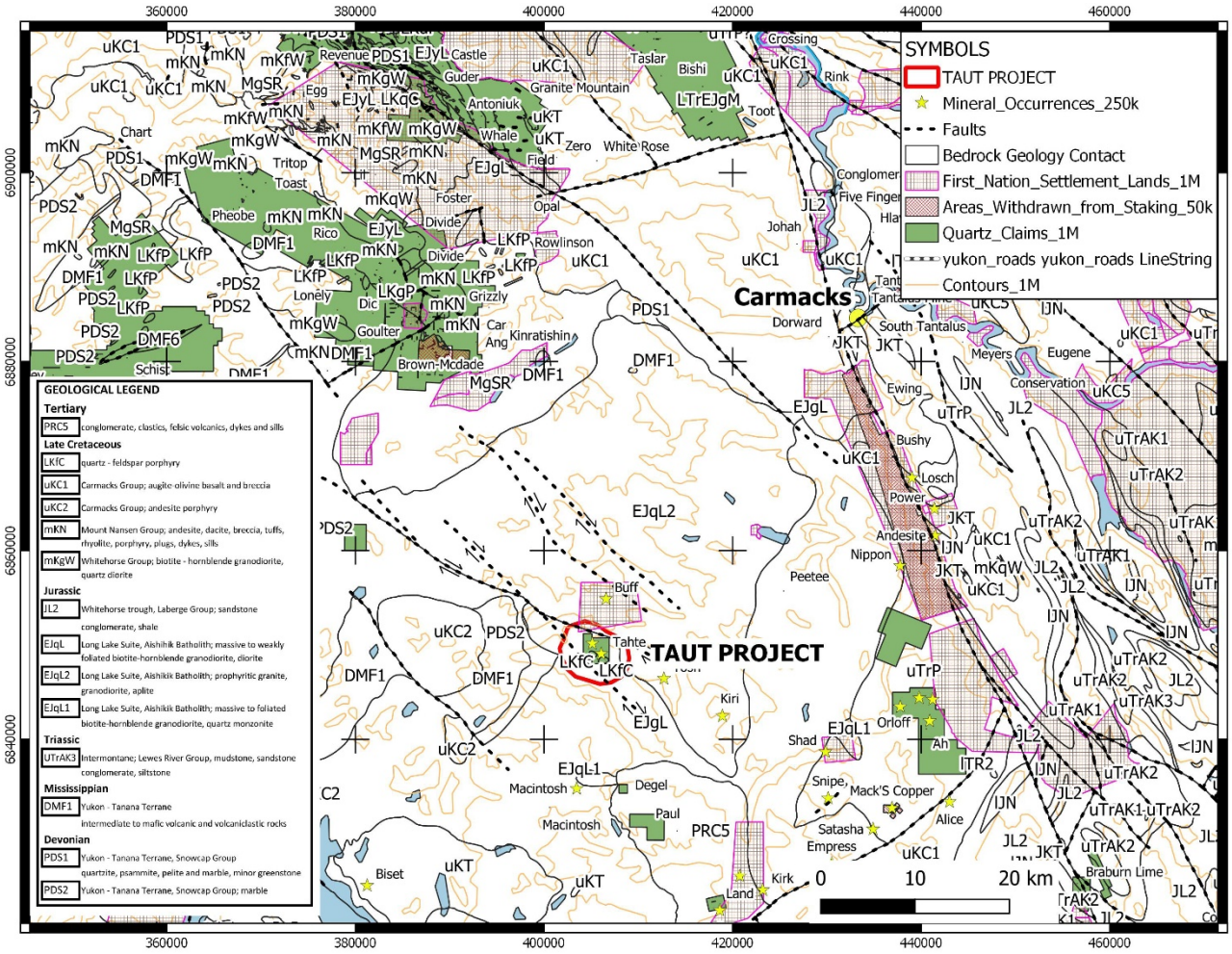

Figure 3. Regional Geology Map

REGIONAL SURFICIAL GEOLOGY

The TAUT project area falls within the "pre-Reid" glaciation limit (Hughes, 1989 and Duk-Rodkin, 2002), and therefore, has not seen glaciation in approximately 3 million years. Jean Pautler (Cathro and Pautler, 2011) relogged the three holes drilled on the property by Noranda in 1981 (Macdonald, 1981) and recorded strong oxidation down to several hundred feet depth in bedrock, as well as deep overburden at the drillhole collars. YGS surficial geologist Jeff Bond has also confirmed that in addition to deep weathering, soils in the area contain loess (windblown glacial silt) and volcanic ash layers, which can subdue the soil geochemical response (Cathro and Pautler, 2011). Extensive solifluction and cryoturbation has affected the colluvium on hillsides and valley bottoms and further complicates the geochemical response of any mineralization. North and east facing slopes such as the Tahte Mystery Bowl are more affected by permafrost

than south and west facing slopes. Streams draining the project area are of low to moderate gradient and choked with vegetation and recent sediment in the upper reaches of the drainages and the lower portions while not vegetated contain abundant recent sediment, boulders and organics.

TAUT PROPERTY AND TAUT PROJECT AREA GEOLOGY

Outcrop and felsenmeer on the property and in the project area is restricted to the rounded ridges and steeper portions of the hillsides, particularly the north facing slopes. Scree and talus covers the upper portions of the hillsides that give way to vegetated covered slopes lower down and in valley bottom.

The oldest unit underlying the property is foliated biotite – hornblende granodiorite of the Jurassic Aishihik batholith of the Long Lake Suite (map unit EJqL2) found on the east side of the property and project area (Figure 6). This foliated unit locally contains mafic minerals, biotite – hornblende, and feldspar – quartz segregations giving it a gneissic appearance. The foliation and mineral banding dips shallowly to moderately to the northeast. This unit appears unaltered and devoid of mineralization where observed in 2019 to 2021 but is locally cut by aplite dykes and sills that are accompanied by minor quartz veins.

Slightly younger and non-foliated quartz monzonite rocks of the Aishihik batholith (map unit EJgL) are located on the west side of the property and project area. These non-foliated mostly leucocratic granitoids commonly contain quartz phenocrysts and have a medium grained quartz – feldspar matrix where observed in 2019 to 2021. These rocks are quite different in appearance from the older EJqL2 unit and are locally cut by white quartz veins with molybdenite and rare galena. In fact, these rocks appear to be much younger and more homogeneous than the older foliated heterogeneous EJqL2 unit of the Aishihik batholith. During field mapping in 2019 this unit was informally referred to as quartz porphyry, as the feldspars and mafics were commonly bleached hydrothermally or by weathering to sericite or clay and typically anhedral. Only the anhedral quartz grains were identifiable in hand specimen. One thin section revealed the presence of quartz syenite, with quartz phenocrysts in a pale anhedral feldspar matrix which had no sericitic or clay alteration (specimen T6, 2019).

The Early Late Cretaceous Carmacks Group andesite and related hypabyssal rocks are the youngest rocks encountered on the property and in the project area. They are also the least voluminous. The most prominent outcrops are exposed on the south side of the property (The South Ridge Zone) on an approximately east – west trending ridge as mostly fresh grey weathering grey feldspar – hornblende andesite and magnetite bearing except where altered. It is on this ridge that the Mineral Deposit Research Unit, University of British Columbia has reported an age of 76.12 +/- 0.72 Ma (Allan, 2014) from a weakly chlorite - epidote - sericite altered feldspar –hornblende porphyry. This porphyry is interpreted to be a hypabyssal intrusive coeval with the andesite volcanics.

Carmacks Group andesite is also found on the north side of the Taut property as elongated northwest trending outcrops (the Northwest Anomaly) between the Jurassic foliated granodiorite (map unit EJqL2) to the northeast and the non-foliated quartz porphyritic quartz monzonite to the

southwest. Between these isolated outcrops are recessive zones with orange – brown soils that likely demark fault zones and or altered rocks. The larger magnetite bearing andesite outcrops are coincident with the strongest positive aeromagnetic anomalies recorded by the GSC.

Between the north and south exposures of the Carmacks Group andesite on the property is a vegetated valley, with a northeast stream drainage, with an approximate diameter of 1300 m, devoid of outcrop or felsenmeer called the Tahte Mystery Bowl. It is in this valley that Noranda drilled three BQ size diamond drill holes (270.62 m in total) in 1980 (Macdonald, 1981). All three holes were drilled vertically and encountered bedrock between 10.7 m and 26.5 m depths. Only two drill sites were located in 2019 and by previous workers (Cathro and Pautler, 2011; Cathro, 2014) and the exact locations of the three drill holes (which holes were drilled on the two drill pads) could not be determined with certainty.

Bedrock in the three drill holes consisted predominantly of variably weathered and altered foliated biotite – granodiorite and feldspar porphyry (non-foliated?) according to Jean Pautler (Cathro and Pautler, 2011). Granodiorite description for DDH-2 matches that of map unit EJqL2. Cathro and Pautler describe the alteration ranging from weak propylitic to phyllic (quartz-sericite-pyrite). The granodiorite is cut by a number of oxidized fault zones and dykes that range in composition from aplite, andesite to lamprophyre. The granodiorite and feldspar porphyry intersected in DDH-1 and DDH-3 respectively is not described as foliated and although it contains 5-10% biotite – hornblende is likely equivalent to map unit EJgL. Feldspars are commonly altered to hematite and the rocks are variably propylitic to sericite altered with weak to moderate clay (unclear if clay is alteration or weathering product). The feldspar porphyry in DDH-3 is cut by quartz stringers and veinlets that contains trace disseminated molybdenite.

Thin sections were prepared from seven rock samples in 2019, which were described by Dr. Tim Liverton. This work confirms the presence of propylitic (chlorite- epidote- pyrite) and phyllic (quartz- sericite- pyrite) styles of alteration. The presence of clay alteration may be due to weathering, or may be argillic alteration. There is some weak feldspar rimming and biotite that maybe secondary, however it is not certain that these mineral textures are due to potassic alteration.

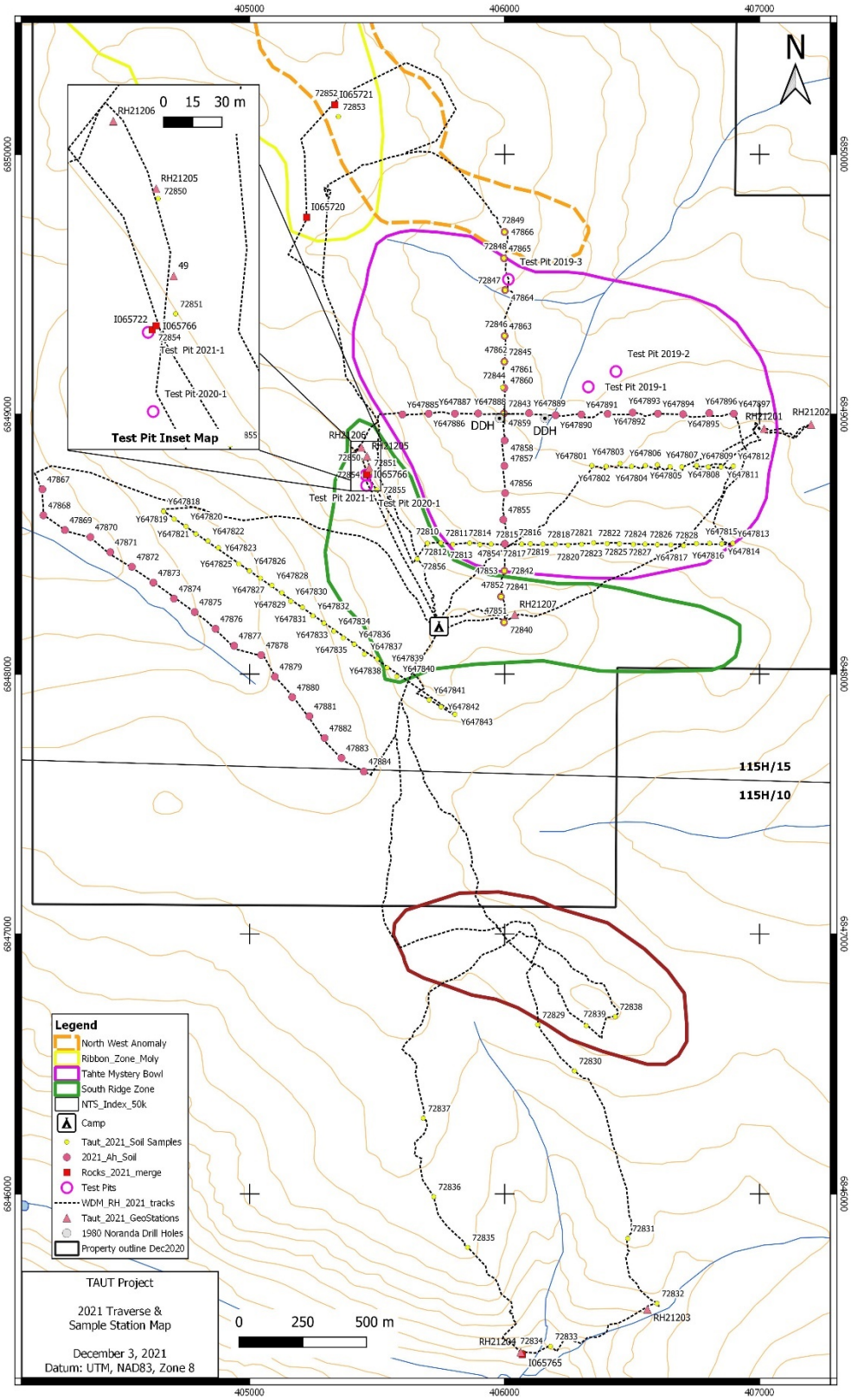

Figure 4. 2021 Property Traverses & Sample Stations

TAUT PROPERTY AND TAUT PROJECT AREA MINERALIZATION

There are three known areas on the property and in the project area that have been identified as having significant mineralization; the Ribbon Zone, the "Tahte Mystery Bowl" and the South Ridge Zone. Mineralization in the "Tahte Mystery Bowl" is found in the drill core recovered from the three 1980 Noranda diamond drills that targeted geophysical anomalies (Figure 6).

The Ribbon Zone found on the northwest side of the Taut property and extending off of it to the northwest trends northwest and covers an approximate area of 2.4 km by 0.6 km. The current boundaries of the zone are defined by molybdenite with rare galena found in white quartz veins found in talus and felsenmeer and coincident anomalous rock and soil geochemistry for Molybdenum. Molybdenite is found disseminated in trace to 1-3% amounts in a number of northwest trending white quartz veins that can be traced in quartz monzonite felsenmeer for hundreds of meters. Veins appear to be sub vertical, widths are likely meter scale and Cathro (2014) estimates vein widths up to 5-7 m in places.

The "Tahte Mystery Bowl" located on the southwest side of the Taut property covers a valley bounded by outcrop or talus – colluvium covered slopes on three sides with the northeast side occupied by a northeast flowing stream drainage. Following a program of mapping, geochemical sampling and an induced polarization survey Noranda drilled three vertical diamond drill holes, totaling 270.62 m, in the valley on IP targets. As described above the drill holes intersected granodiorite, quartz monzonite and various felsic to mafic dykes. Mineralization consists of ubiquitous pyrite ranging from 1-10 % and averaging 3-5 % as disseminations or in quartz veinlets. Traces of chalcopyrite, bornite and molybdenite were also noted and usually are found with quartz veins (Cathro and Pautler, 2011). Geochemical results from the re-sampling are summarized below in Table 3.

Table 3. Selected intersections from 2010 re-sampling of Noranda drill core (Cathro and Pautler, 2011)

Drill Hole	From (m)	To (m)	Interval (m)	Au ppb	Cu ppm	Mo ppm
DDH - 1	26.52	92.05	65.53	60	549	46
DDH - 2	87.48	90.55	3.07	15	214	605
DDH -3	11.28	62.10	50.82	113	735	91
including	20.00	44.81	24.81	138	854	117
	62.10	69.85	core missing			
and	69.85	85.00	15.15	82	493	137

As noted by Cathro and Pautler (2011), although assays are not ore-grade, DDH – 1 and DDH – 3 encountered weak to moderate porphyry-style alteration and mineralization over their full lengths with maximum values reaching 170 ppb Au, 1134 ppm Cu and 229 ppm Mo. The alteration, host rocks, mineralogy and metal values are consistent with porphyry-style mineralization. The high Ag values reported by Noranda in hole 3 (up to 16.2 ppm Ag) were not reproduced, with maximum values in 2010 analysis of 1.2 ppm Ag.

Areas of gossanous clay rich altered andesite and possibly feldspar – hornblende porphyry rocks were located in 2019 at the South Ridge zone on the southwest side of the property near the ridge top in the vicinity of the 76.12 +/- 0.72 Ma age date sample site. Rocks and soil in the area just south of here are locally bleached and rusty, with some visible pyrite and rare trace chalcopyrite mineralization. Soil samples located 150 m to 350 m to the southwest on the ridgetop returned values of 715.3 ppb, 68.1 ppb and 61.7 ppb gold. This gold in soil anomaly is the strongest on the property, and was confirmed by 2021 sample #72850, which returned the highest gold result on the property at 1018 ppb Au.

The Northwest Zone, located immediately north of the Tahte Mystery Bowl and west of the Ribbon zone has altered pyritic porphyritic rocks and polymetallic anomalous soils. This area has not been extensively examined.

The Hematite Breccia zone is located immediately south of the claims, and displays strong structural deformation, silicification and hematite +/- limonite mineralization over an area roughly 1000 m by 500 m. This zone is geologically intriguing despite low levels of the target elements.

8.0 DEPOSIT TYPES

Based on geology, styles of mineralization and structure, the mineralization described in the Noranda drill holes, targeting IP anomalies the “Tahte Mystery Bowl”, is classified as part of a bulk tonnage porphyry Au-Cu system and may be part of a much larger system which includes the Ribbon Mo Zone and may extend beneath the volcanic rocks to the south and west. Overall, the drill results coupled with the anomalous gold in soil geochemistry and the Late Cretaceous age date for the feldspar – hornblende porphyry shows encouraging geological and mineralogical characteristics similar to the Casino Cu-Au-Mo-Ag porphyry deposit (see Fig. 5).

A secondary target that is possible in this environment is high grade Au- Ag veins found peripheral to porphyry deposits similar to the Klaza veins in the Mt. Nansen area 30 km to the north (Lee et.al., 2020). The Bomber vein located peripheral to the Casino deposit is a similar example (Yukon minfile 115J 027). To date there have been no significant precious metal veins located in the TAUT area.

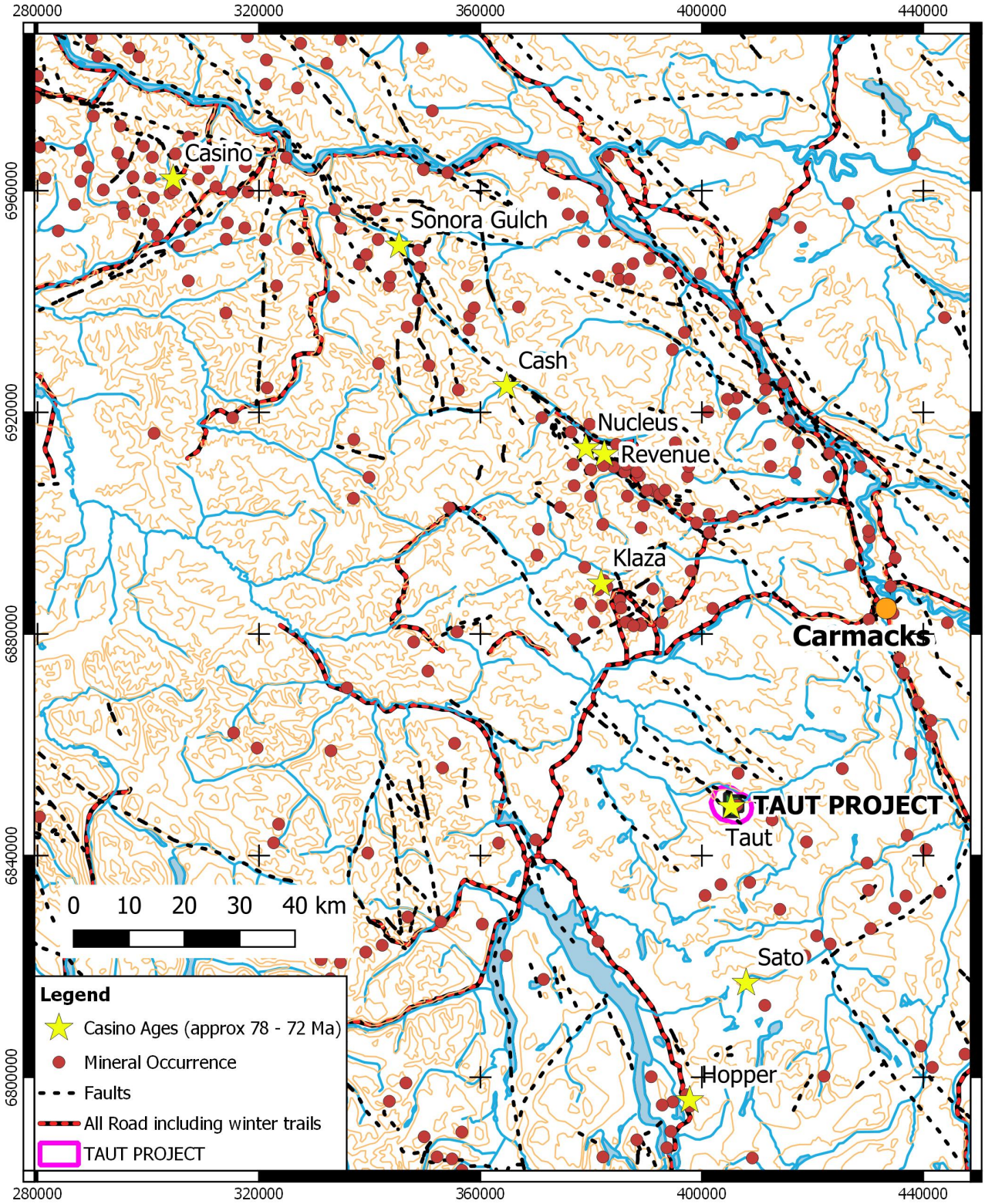

Figure 5. Casino Age Porphyry deposits

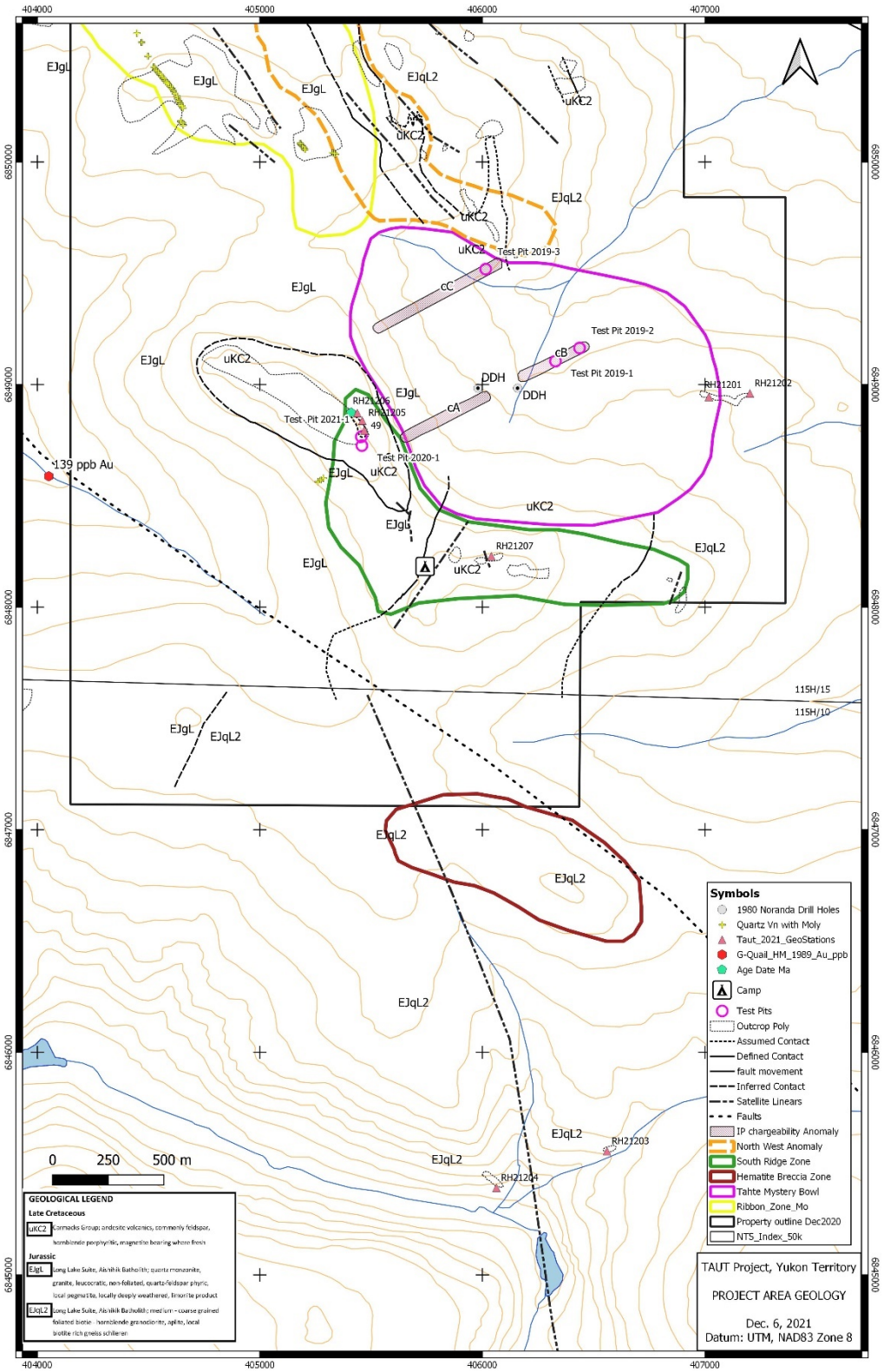

Figure 6. Property Geology and 2021 Stations

9.0 EXPLORATION

A description of historic (prior to 2009) and more recent exploration work by Cathro Resource Corp. from 2009 to 2014 has been described in prior Yukon assessment reports and Yukon Mineral Exploration Program reports (Fairbank et al, 1977; Macdonald, 1980; Cathro and Pautler, 2011; Cathro, 2013; and Cathro, 2014; Mann and Hulstein, 2019 & 2020). This work and results are not discussed in detail in this report although some of the geochemical results are included on maps for the elements of interest described below.

Field work in 2021 consisted of prospecting, reconnaissance geological mapping, grid and selective conventional soil sampling, "Ah horizon" soil sampling, rock sampling and the excavation of one test pit and is described below. All sample and field stations locations were collected by GPS, Garmin models 60CSx and GPSmap 64st, with an accuracy commonly of +/- 3 m, using a UTM grid, NAD83 Datum in Zone 8v. 2021 Traverses and sample numbers are shown in figure 4, while Property Geology and Stations are shown in figure 6.

Fieldwork commenced on July 16th, 2021 with mobilization to the property by helicopter and was completed on July 21st, when the two person crew demobilized by helicopter. Shortened field traverses were completed on both the 16th and the 21st. All fieldwork was carried out on foot from a tent camp established on a ridge saddle on the south side of the Taut claim block. Traverses were completed over the saddle and lineament where the camp is located, and over the ridge northwest of camp where the 76.12 +/- 0.72 Ma age date sample site is located. The Tahte Mystery Bowl was sampled for additional soil samples, with an orientation survey with both conventional and Ah horizon sampling.

An additional traverse with concurrent prospecting and soil sampling was done south of the claims from the Hematite Breccia zone southward towards a small lake. A hydrothermally altered foliated granodiorite cut by quartz veins was observed, but was not enriched in metals (Plate 3). This traverse returned a single anomaly, 70 ppm Cu in soil (sample #72832).

A total of 5 rock samples, 47 Ah horizon soil samples and 90 conventional soil samples were submitted to Bureau Veritas Mineral laboratories for geochemical analysis of Au and 35 additional elements including, Ag, Cu, Pb, Zn, Mo, As, Bi, and Sb (details presented in Appendices II, III, IV, V, VI & VII). Property geology and geological stations are shown in Figure 6. 2021 sample locations and sample numbers are shown in Figure 4. Compiled geochemical results for Au, Cu and Mo are shown on Figures 7 to 9 respectively in the map pocket.

The five rock samples consisted of 0.4 -1.6 kilograms of representative rock, felsenmeer or float, which was being tested. One of the rock samples were collected off claims during a reconnaissance traverse south of the claims. Two of the rock samples were collected from Test Pit 21-1 at the South Ridge zone, one from a silicified, slickensided boulder just northwest of the Mystery Bowl and one from a rusty anomalous soil pit at the North West Anomaly. The highest

gold value returned from rock was 65.7 ppb Au from a pyrite-altered andesite (sample IO65722) from the Test Pit at the South Ridge Saddle area.

Plate 3. Reconnaissance traverse 1.5 km south of claims. Altered Foliated Granodiorite with quartz veins.

Ah Horizon Soil Geochemistry vs Conventional B-C Soils

Two types of soil samples were collected in 2021 to test the applicability of "Ah" horizon analysis compared to conventional B or C horizon sampling. An orientation survey was conducted on two perpendicular lines crossing the Tahte Mystery Bowl with both types of samples collected from each site where possible, at 100 m spacing. The concept of using Ah samples was prompted by the presence of 11 to 22 m of old Pre-Reid glacial material along with loess and White River ash that overlie the Mystery Bowl (known from drillhole collars). This thick overburden is thought to dilute the geochemical signature, along with the presence of thick organic material that tends to preserve permafrost. Many potential soil sample sites do not thaw deeply enough to allow collection of good quality conventional soils.

The use of the Ah horizon was suggested by work in central British Columbia that showed the ability of the humic acid rich material to trap mobile ions by chelation from sources down to 300m depth (Heberlein and Samson, 2010). The use of this method is not common in the Yukon, and use in permafrost terrain is somewhat experimental, although the authors were aware of the presence of the Ah horizon in unglaciated parts of the Yukon (Bond and Sanborn, 2006) and the apparently successful use of the Ah horizon for exploration of a similar porphyry target also covered by deep Pre-Reid glacial material along the Big Creek fault by Teck Resources (Berg

and Liebrecht, 2013). It is hoped that this technique might also be able to detect anomalies even below a thin layer of the Carmacks Group volcanics which are present in the South Ridge zone that overlie the porphyry deposit certain to be present. Two lines of Ah soils were collected running north- south and east- west across the Mystery Bowl at 100 m centres to compare with the existing anomalies. The valleys south and west of the South Ridge are covered with a thick organic layer similar to the Mystery Bowl area, and a single line of Ah soils was collected parallel to the creek to the west.

The Ah layer is the uppermost mineral soil (if less than or equal to 17% organic content). It contains a variable amount of organic material, and in some cases fragments of charcoal. The best quality Ah material is black with a greasy texture, and this is present in most parts of the Mystery Bowl. However, this material is not always present, so the sample collected in some cases was dark brown, perhaps with little mineral content if located above the ash layer. In a few cases, the top centimeter of B horizon and bottom centimeter of organic layer was collected. Multiple pits had to be dug in some locations seeking good quality Ah material. In other locations there was up to 10 cm of black Ah horizon, in which case the lowermost centimeter was sampled. If the organic content of the material is above 17 percent, the horizon should more properly be called the Hh horizon, highly decomposed humic-rich organics (Bond & Sanborn Appendix 4, 2006). Many of the 2021 "Ah" samples were actually "Hh" horizon due to high carbon content, however this is considered to be acceptable, as the distinction between the two horizons is not always obvious in the field.

Ah horizon samples were collected using a shovel to extract a cylinder of soil about 30 cm deep, and then cutting out the lowermost 1 or 2 cm of Ah horizon for sampling (Plate 4). The Ah samples collected were at least a fist-sized amount, which was placed in a labelled Hubco bag to allow drying. In some locations a buried Ah layer was present, indicating previous slope instability, and if present sampled along with the upper layer.

The Ah horizon in some cases has higher metal values than conventional soils, particularly for Mn, Co, Mo, Se and Cd (Figures 10 – 14). Values of Zn, As, Ag and Fe are similar to those returned from conventional soils. Au and Pb values appear to be lower than in conventional soils, which might have been predicted based on the low mobility of these metals. Au values are also likely to be sporadic and less reliable due to the smaller analytical sample size, 0.5 g vs 15 g for conventional soil analysis. The use of Ultra Trace analysis appears to be beneficial for identifying patterns of certain indicator elements with lower detection limits such as Bi and Se. Overall, the Ah horizon sampling was successful in confirming the location and anomalous nature of the Mystery Bowl with a polymetallic anomaly in Cu, Mo, Ag, Zn, Bi, Sb, Co, Se and Cd.

The benefits of sampling the Ah horizon compared to conventional B-C horizon soils include the shallower sampling depth that potentially allows collection early in the field season (June), when conventional soils would likely be frozen if covered by an organic layer. In some areas the conventional soils never thaw deeply enough to allow penetration beneath ash and loess layers. Ah soils are particularly useful in areas with thick (greater than 10 cm) organic soils, and might not be present or well developed when an organic layer is sparse. Therefore, high elevation,

gently sloping, north or east facing terrain or valley bottom areas with moss and grass cover or black spruce forests might be best explored using the Ah horizon. The Ah horizon also offers the potential to reveal anomalies from beneath barren cover. One drawback to using the Ah horizon is the lower likelihood of strong gold anomalies in this material, particularly if gold is the main target element. In other areas the Ah horizon may not be present or adequately developed.

Conventional B or C horizon soil samples were collected with either a soil auger or shovel, usually at the maximum depth possible, commonly >20 cm – 60 cm, and with attention given to avoiding loess and volcanic ash contamination. Where sample test lines were established, sample spacing was at approximately 50 m. Shovel sampling was preferable on rocky ridges, while the auger was better for deep soils with thick organic cover. Some proposed soil sites returned no sample due to thick organic material lying directly on talus, common on the steep southwest margins of the Mystery Bowl. Permafrost was also locally an impediment to sample collection.

Eleven soil samples and one rock sample were collected off the claims, during a reconnaissance traverse south of the claims from the Hematite Breccia zone due south towards a creek valley with a small lake. A best anomaly of 70 ppm Cu was returned from soil. An outcrop of hydrothermally altered quartz monzonite with narrow quartz veins was located (plate 3).

A total of 36 conventional B-C horizon soils were collected on east-west grid lines over the Tahte Mystery Bowl, extending grid soil coverage and the polymetallic anomaly to the south and east. Another 10 soils were collected on a north-south grid line crossing the Mystery Bowl as part of the Ah soil orientation survey. A further contour line was sampled on the western slope of the South Ridge zone. A few soils were collected in favourable looking locations near the age date sample, which returned the best Cu-Au value to date on the property (sample #72850, 549 ppm Cu & 1018 ppb Au – see plate 5). This helps to confirm the strong potential of the South Ridge near the highest elevation on the claims.

The southernmost grid conventional soil line within the Tahte Mystery Bowl, L 6848500N returned multiple adjacent samples anomalous in Cu (up to 104.9 ppm), Au (up to 201 ppb) and other elements of interest in 2021 sampling. This line included 10 adjacent samples spaced 50 m apart with greater than 20 ppb Au. This extension of the anomaly reveals the ever-growing potential of the TAUT claims.

Plate 4. “Ah” Soil 47855, inverted soil profile. Darkest layer is “Ah” horizon, adjacent ash layer.

Plate 5. Soil sample #72850, 549 ppm Cu & 1018 ppb Au at South Ridge zone.

Test Pit

One test pit was excavated using pick and shovels near the site of the highest gold in soil result on the property (2019 sample #1961008, 715.3 ppb Au). Pit 21-1 was dug uphill and northeast of the 2020 test pit by about 30 m. The pit was dug about 1.5 m x 1.2 m x 1.0 m deep. Two rock

samples were collected from this pit (IO65722 & IO65766), and one soil sample (72854). 2021 samples returned moderately anomalous polymetallic values (Zn, As, Ag, Au, Bi, S etc.), with a best gold value of 65.7 ppb in pyritic porphyry rock. Although the rocks in this test pit appeared to be better mineralized than those from test pit 20-1, the levels of target metals were lower.

There was only one float rock type returned from the pit, angular blocky rusty epidote- chlorite-altered, locally silicified, pyritic andesitic porphyry.

Plate 6. Test Pit #21-1. Soil #72854 , rocks #IO65722 & IO65766

PORTABLE XRF

A Niton XL3t portable hand-held XRF was used in the field to provide rapid qualitative evaluation of soils and rocks. The information provided by the XRF was useful in confirming anomalous areas, and could be used to adjust soil line locations and lengths.

XRF readings were taken for 30 seconds through the soil sample bags, and high values of Pb, Zn, Cu and As used as indicators of mineralization. Rock samples were also analyzed by XRF, and

this information was used to reduce the number of rock samples submitted for assay. The XRF was not used for Ah horizon samples because it was assumed that values would be too low to register, however after reviewing the Ah assay results it is likely that some samples would likely show anomalies by XRF. XRF data is presented in Appendix IX.

A visual comparison of XRF and ICP-MS analysis of metals of interest results show a similar pattern (i.e. highly anomalous areas are anomalous). The highest values are focused on the Saddle and Lineament areas, with local high values in the Mystery Bowl and Northwest zone. A map showing Cu in conventional B-C horizon soils by XRF is included in Appendix IX, and shows a similar pattern to the assay results shown in figure 8.

GEOPHYSICS

Airborne magnetics flown by the GSC (Kiss and Coyle, 2011) have proven to be effective in delineating fault structures on a regional scale and highlighting the magnetic Carmacks Group andesites and related hypabyssal porphyries. A compilation showing the magnetic signature along with IP chargeability highs and gold values is shown in Figure 13. The airborne magnetics for all of map sheet 115H have been compiled, which shows the regional patterns better (Aurora & Bruce, 2020).

The IP survey carried out by Cathro Resource Corp. highlighted two strong IP chargeability anomalies (numbered cA and cB) on line 700 N in the "Tahte Mystery Bowl" on the margin of the two identified 1980 Noranda drill sites (Cathro, 2014). The next line to the north, of the three line survey at 1200 N also identified a strong chargeability anomaly (cC). A third line over quartz monzonite returned a weak chargeability anomaly (cD) to the east of the Ribbon zone in the area of mapped northwest trending andesite outcrops, likely sills or dykes called the Northwest Anomaly. The IP anomalies in the "Tahte Mystery Bowl" have not been adequately tested.

THIN SECTIONS

Eight rock specimens collected in 2021 at the property were slabbed and sent to Van Petro for thin section or polished thin section preparation. These samples were examined petrographically by Dr. Tim Liverton, and the results are presented in Appendix X.

Plate 7. The Tahte Mystery Bowl – no outcrop!

10.0 DRILLING

Three short BQ diamond drill holes totaling 882 feet (268.8 m) were drilled on the property in 1980 by Noranda (MacDonald, 1980). The location and orientation of these holes is not exactly known, as information in the report is conflicting. The small scale map with the report shows 3 evenly spaced vertical holes across an east-west grid line, while the logs suggest that the first two holes were drilled from a single location, and the third 600 feet to the east. This fits with the location on site of two drill stations identified by cut logs, milled lumber (hole markers?), old drill steel and an empty barrel. Considerable effort was made searching for a third site without success.

The drill core is present at the core library maintained by the Yukon Geological Survey in Whitehorse. The core was relogged and resampled by geologists Jean Pautler and Rob Stroshein in 2010, who concluded that the alteration and mineralization was typical of a porphyry copper environment (Cathro & Pautler, 2011). Of note, the depth of overburden at these holes ranged from 35 feet to 87 feet (11 m to 26.5 m).

11.0 SAMPLE PREPARATION, ANALYSES AND SECURITY

The 2021 samples were placed into rice bags in the field by the authors, sealed and secured. The samples were transported and delivered directly by the author to the Whitehorse preparation facility of Bureau Veritas Minerals (Acmelab). The samples were dried at 60°C. Soil samples were sieved to -80 mesh. Rocks were crushed, then a 250 g split was pulverized to 200 mesh.
The prepared samples were shipped by BVM to their Vancouver laboratory where the rocks and conventional soils were analyzed by BVM method AQ201 for 36 elements by ICP-MS after digestion of 15 g by 1:1:1 aqua regia.

“Ah type” soil samples were analyzed by Ultratrace method AQ250 for 37 elements by ICP-MS after digestion of 0.5 g by 1:1:1 aqua regia.

Bureau Veritas Mineral Laboratories is accredited and certified to the International Organization for Standardization for Quality ISO9001:2008, Environmental Management: ISO14001 and Safety Management OH SAS 18001 and AS4801.

Quality control procedures were implemented at the laboratory, involving the regular insertion of blanks and standards and repeat analyses on the samples. Quality Assurance data is provided for each batch of samples and included with each analytical certificate (Appendices II & III).
There was no evidence of any tampering with the samples during collection or shipping. All sample preparation was conducted by the laboratory.

12.0 DATA VERIFICATION

The property is an early stage exploration project, therefore no independent reference standard samples, field duplicates or blanks were included in the samples submitted for analysis. The analytical laboratory conducts quality assurance testing, and this is considered to be adequate for a project at this stage. This QA/QC data is presented along with the analytical certificates in Appendices II, III & IV. Inspection of this data indicates analytical variation that is considered to be acceptable.

A recognized limitation of the analytical method selected is poor reproducibility of gold values when 15 g of sample is digested by aqua regia and then analyzed by ICP. The 0.5 g sample used for Ultratrace analysis is even less reliable. A fire assay method with larger sample size is considered to be the best for gold analysis accuracy.

13.0 MINERAL PROCESSING AND METALLURGICAL TESTING

The property is an early stage exploration project, and no mineral processing or metallurgical testing has been done.

14.0 MINERAL RESOURCE ESTIMATES

The property is an early stage exploration project, and no mineral resource has been identified.

15.0 ADJACENT PROPERTIES

There are no mineral properties within several kilometers of the TAUT property. The BUFF minfile occurrence 115H 033 lies about 4km north of the TAUT property within Little Salmon Carmacks First Nation land claim block LSC R-22B. The BUFF occurrence is poorly described and has not been explored since 1973. It consists of molybdenite in quartz veins hosted by quartz monzonite, possibly similar to the Ribbon zone on the TAUT project.

16.0 OTHER RELEVANT DATA AND INFORMATION

The reader is encouraged to review the references; Cathro and Pautler, 2011; Cathro, 2013; Cathro, 2014; and Mann and Hulstein, 2019 & 2020 for details on the recent geochemical and geophysical surveys. There is no other relevant data or information available that has not been included in this report.

17.0 INTERPRETATION AND CONCLUSIONS

The mineralization intersected in 1980 drilling is part of a porphyry Cu- Mo- Au- Ag system that is the same age as the giant Casino porphyry deposit to the northwest, amongst other similar deposits in the region. The values of Cu and Au in the drillholes are the highest found on the property to date, yet this mineralization lies beneath deep overburden that fills a recessive area roughly 1300 m in diameter with no outcrop or subcrop called the "Tahte Mystery Bowl". The soils in this recessive area are weakly anomalous in target metals despite the thick (11 m to 26 m at drill holes) cover of material that is partly glacial in origin (Pre-Reid age), contains loess and volcanic ash, is cryoturbated and often frozen.

The presence of molybdenite in quartz veins and alteration of the country rocks that extend beyond this central area for kilometers to the north in the Ribbon zone and to the southwest is evidence of a large and strong hydrothermal system. The molybdenum potential of these zones appears to be modest, as the veins are narrow and widely spaced, and the disseminated molybdenite appears to be sparse within the country rocks.

The porphyritic rocks that crop out south and west of the Tahte zone were interpreted to be Carmacks volcanic rocks. The ridge to the southwest is obviously a thin cap rock in places. The identification of a Casino-aged intrusive plug immediately southwest of the Tahte bowl within the volcanics (and probably a feeder to the volcanics) increases the potential of the area around and under the volcanic cap, and extends the area of interest to the south. The presence of polymetallic soil geochemical anomalies on the southwest ridge, including the highest Au and Cu in soil values on the property emphasizes the expansion potential in this direction. The enhanced polymetallic values obtained from the "lineament" that crosses the southwest ridge suggests that this structure and probably others suggested by linear magnetic anomalies are likely to control the hydrothermal system and mineralization.

18.0 RECOMMENDATIONS

A more detailed magnetics +/- radiometrics survey (100 m spaced, helicopter borne OR 50 m spaced drone borne magnetics only) would be beneficial for indicating important structures and geological contacts. The radiometrics could potentially identify a potassic altered porphyry target.

A Lidar survey or DEM survey would help to identify structures that could control the hydrothermal system. Sourcing a high resolution satellite image would provide a superior base for mapping. Additional IP lines are warranted over the southern side of the Mystery Bowl and across the South Ridge zone.

Further prospecting and soil geochemistry on the south and west parts of the claims and north of the Mystery Bowl is recommended. Additional grid soil lines on the south side of the South Ridge is warranted.

Examination and mapping of the volcanic/ intrusive porphyry bodies south and west of the Tahte zone was completed in 2020 and 2021. This unit was previously assumed to be a late volcanic cap rock overlying the porphyry system, however the presence of a Casino aged porphyry plug

within this unit (Allan, 2014), along with strongly anomalous soils in the saddle and lineament area indicates high potential in and near this unit. The unit extends to the south and should be examined in more detail.

The “Tahte Mystery Bowl” should be tested by some form of drilling capable of reaching bedrock on a 100 m grid. Perhaps a mobile percussion drill, with immediate XRF field testing of bedrock material.

The orientation survey of Ah horizon ultra trace soil geochemistry conducted in 2021 over the Mystery Bowl indicates that this method is useful at locating mineralization at significant depth beneath thick cover, and is relatively easy to collect in permafrost areas. This method should be used in appropriate areas on the property where conventional soils are difficult to collect. It is further hoped that the Ah method might be able to show anomalies beneath thin volcanic cover in the South Ridge area.

A test pit at the site of 1.018 g/t Au & 549 ppm Cu soil sample is warranted. This is the highest grade soil from the property, and lies near the ridge crest about 100 m from the Casino porphyry age date location. This site has very little organic soil, and abundant rock float which should be carefully examined.

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20.0 CERTIFICATES

WILLIAM D. MANN, M.Sc., P.Geo.
19 HAYES CRESCENT, WHITEHORSE, YUKON Y1A 0E1

1. I am a member in good standing of Engineers and Geoscientists, British Columbia, License #31907.

2. I am a Graduate of Queen's University, 1986, with a Master of Science Degree in Mineral Exploration Geology.

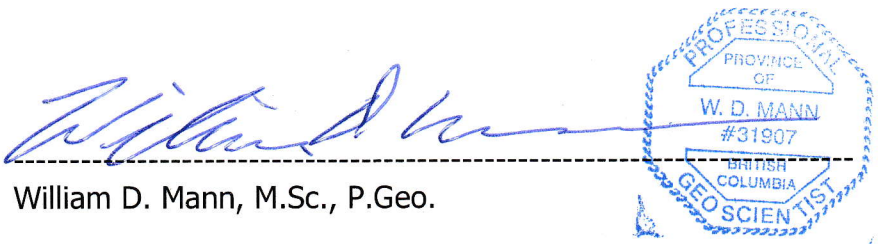
3. I am a Graduate of the University of British Columbia, 1983, with a Bachelor of Science Degree in Geology.

4. I have worked in mineral exploration and mining continuously since 1979.

5. I participated in the work program on the TAUT claims July 16- 21, 2021.

6. I am a co-owner of the TAUT claims.

January 15, 2022



William D. Mann, M.Sc., P.Geo.

STATEMENT of QUALIFICATIONS (RWH)

I, Roger W. Hulstein, of:
106 Wilson Drive
Whitehorse, Yukon Territory
Y1A 0C9,

do hereby certify that:

1. I am an independent, self-employed, mineral exploration geologist with over 30 years of experience working in the Yukon.

2. I am a graduate of Saint Mary's University, Halifax, with a degree in geology (B.Sc., 1981) and have been involved in geology and mineral exploration continuously since 1978.

3. I am a fellow of the Geological Association of Canada (F3572).
4. I am registered as a professional geoscientist (No. 19127) with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

5. I am the co-author of this report on the Taut Project in the Whitehorse Mining District, Yukon.

6. The report is based on personal examination of selected areas within the project area on July 16 – 21, 2021 and on referenced sources.

7. I am a co-owner of the TAUT claims.

PROFESSIONAL ENGINEERS AND GEOSCIENTISTS PROVINCE OF BRITISH COLUMBIA R. W. HULSTEIN GEOSCIENTIST

Roger Hulstein, B.Sc., P.Geo. **January 15, 2022**

APPENDIX I

COSTS

APPENDIX I - COSTS

Taut Porphyry Project, 2021 - 055; YMEP Final Expenditures to Jan. 10, 2022					
R. Hulstein & Bill Mann					
6 Day Field Program (including mob and demobilization): Aug. 10 - 17, 2021					
		Activity	**Units**	**Rate**	**Total**
Prep/Unpack	RH & WDM, 1.5 day each	Field Prep and unpack	3	500	$1,500.00
Labour/Field	W.D. Mann	Prospecting/ Sampling	6	500	$3,000.00
(Inc mob-demob)	R. Hulstein	Prospecting/ Sampling	6	500	$3,000.00
Field Costs	$100 per worker-day	5 nights in field x 2	10	100	$1,000.00
Trucks	$.60 per km	Whitehorse to Carmacks rtn			
Helicopter	Capital Helicopters Invoice 155963		4.2		$6,869.37
Assays	BV invoice WHI21000267	Conventional soils	90		$2,938.95
	BV invoice WHI21000266	Rocks	5		$195.48
	BV invoice WHI21000268	Ah Soils	47		$1,505.17
Niton XRF	$110/d	6 field days	6	110	$770.00
Thin Sections	Dr. T Liverton	Examination & Report	8	125	$1,050.00
	Vancouver Petrographics	Thin section preparation	8		$325.00
Postage	Thin sections to Van Pet				$13.78
Report & Maps	WDM & R. Hulstein		6	500	$3,000.00
		Subtotal			$25,167.75
		TOTAL			**$25,167.75**
		YMEP request:			**$18,875.81**

APPENDIX II

B-C Horizon Soil Assay Certificates

BUREAU VERITAS MINERAL LABORATORIES Canada

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

www.bureauveritas.com/um

Client: **Mann & Hulstein Prospectors**
Whitehorse Yukon Canada

Submitted By:	Bill Mann
Receiving Lab:	Canada-Whitehorse
Received:	July 26, 2021
Analysis Start:	August 13, 2021
Report Date:	September 15, 2021
Page:	1 of 4

CERTIFICATE OF ANALYSIS WHI21000267.1

CLIENT JOB INFORMATION

Project:	TAUT
Shipment ID:	
P.O. Number	
Number of Samples:	90

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
DISP-RJT-SOIL	Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	90	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	89	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DISPL	90	Disposal of pulps			VAN
SHP01	90	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Mann & Hulstein Prospectors
Whitehorse Yukon
Canada

CC:

JEFFREY CANNON
Geochemistry Department Supervisor

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

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

Client: **Mann & Hulstein Prospectors**
Whitehorse Yukon Canada

Project: TAUT
Report Date: September 15, 2021

CERTIFICATE OF ANALYSIS WHI21000267.1

		Method	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
72810	Soil		1.3	21.8	33.6	110	0.6	10.8	7.1	400	2.73	10.4	0.4	20.5	1.4	17	0.6	0.4	0.3	46	0.19	0.057
72811	Soil		1.0	22.7	13.6	79	0.5	6.6	7.9	514	1.87	5.0	0.5	12.0	1.0	18	1.0	0.6	0.2	37	0.18	0.049
72812	Soil		6.6	104.9	238.7	239	1.2	11.9	16.4	1775	4.88	21.5	1.6	48.2	1.6	18	0.8	2.6	0.9	51	0.17	0.105
72813	Soil		4.5	50.9	36.8	87	0.5	11.0	9.0	254	3.58	12.7	1.3	17.4	4.9	17	1.0	0.8	0.3	61	0.22	0.075
72814	Soil		17.0	57.8	81.6	102	2.0	10.0	21.4	1339	13.68	15.7	1.4	27.5	4.4	23	1.3	1.6	0.3	37	0.28	0.101
72815	Soil		3.2	66.2	27.4	169	0.4	26.4	13.2	411	4.54	6.4	1.0	21.7	11.0	21	0.4	0.5	0.3	65	0.34	0.082
72816	Soil		1.1	39.3	43.4	129	0.6	11.0	8.1	439	3.83	9.1	0.9	201.0	6.0	31	0.4	0.8	0.7	64	0.29	0.086
72817	Soil		0.3	12.6	3.6	31	0.2	2.8	15.5	911	1.30	1.0	0.2	5.6	1.0	20	0.3	0.1	<0.1	30	0.26	0.096
72818	Soil		0.5	14.5	10.8	49	0.4	3.9	2.4	138	0.81	1.7	0.4	11.9	1.0	16	0.2	0.2	0.2	16	0.25	0.070
72819	Soil		1.7	34.9	29.1	185	0.2	15.3	13.4	941	3.48	6.9	0.5	32.3	2.7	42	0.8	0.5	0.6	61	0.74	0.063
72820	Soil		1.6	24.8	27.7	128	0.2	11.7	12.1	558	6.55	10.0	0.7	11.5	3.8	21	0.7	0.6	0.1	70	0.40	0.104
72821	Soil		0.7	8.7	5.1	22	0.2	2.6	16.1	947	0.93	1.9	0.2	3.5	0.4	12	0.3	<0.1	<0.1	22	0.15	0.062
72822	Soil		1.5	29.6	16.0	152	0.3	15.2	17.3	1189	3.20	6.8	0.5	26.1	1.7	25	1.3	0.3	0.2	63	0.33	0.087
72823	Soil		1.9	17.5	8.8	53	0.2	7.3	8.7	328	3.30	4.5	0.3	9.1	1.4	23	0.4	0.2	0.1	66	0.32	0.091
72824	Soil		0.5	33.2	2.9	19	0.2	2.4	4.6	747	2.64	2.7	0.3	5.8	0.6	17	0.3	0.1	<0.1	61	0.27	0.078
72825	Soil		1.5	23.9	9.4	88	<0.1	8.6	9.1	580	3.29	4.3	0.3	8.6	2.2	22	0.2	0.2	0.2	77	0.29	0.085
72826	Soil		4.2	35.1	20.1	101	0.3	9.8	9.3	410	5.77	8.5	0.6	14.5	3.0	30	0.3	0.3	0.2	65	0.35	0.116
72827	Soil		2.1	29.5	29.2	85	0.2	14.4	8.4	411	3.28	5.2	0.5	6.0	3.3	47	0.3	0.3	0.1	68	0.37	0.064
72828	Soil		2.6	24.0	19.5	103	0.2	15.1	7.3	455	3.38	4.4	0.6	28.5	4.7	42	0.5	0.2	0.3	71	0.42	0.055
72829	Soil		0.7	17.5	24.6	72	<0.1	18.2	9.3	289	2.57	6.4	0.6	5.7	3.8	16	0.3	0.4	0.1	65	0.17	0.029
72830	Soil		0.7	16.3	11.3	66	<0.1	17.5	8.2	283	2.78	6.6	0.4	1.1	2.8	15	0.3	0.3	0.1	63	0.17	0.043
72831	Soil		1.4	12.6	6.8	119	<0.1	14.3	14.4	549	4.76	6.0	0.5	<0.5	4.2	22	<0.1	0.2	<0.1	116	0.40	0.129
72832	Soil		2.1	73.6	7.4	104	<0.1	22.3	14.2	464	4.19	8.2	0.4	1.6	3.5	29	0.1	0.3	<0.1	100	0.37	0.095
72833	Soil		0.6	24.0	4.6	158	<0.1	11.2	7.7	458	2.70	3.3	0.7	<0.5	1.5	82	0.7	0.1	<0.1	70	1.04	0.208
72834	Soil		0.4	6.5	15.0	71	<0.1	5.0	5.1	1173	2.28	7.5	0.5	0.6	5.5	27	<0.1	0.1	0.1	31	0.48	0.033
72835	Soil		0.7	10.5	7.2	138	<0.1	18.4	14.3	671	5.07	7.6	0.9	0.7	4.9	28	0.1	0.3	0.2	104	0.44	0.115
72836	Soil		0.5	10.9	2.9	136	<0.1	23.5	23.6	1043	6.55	2.0	0.8	<0.5	6.0	46	0.1	0.2	<0.1	155	1.05	0.325
72837	Soil		0.3	13.9	4.0	84	<0.1	15.9	15.2	635	3.63	2.6	0.4	0.7	5.4	36	<0.1	0.1	<0.1	101	0.71	0.192
72838	Soil		0.7	23.0	12.0	105	<0.1	25.6	12.0	427	3.33	8.0	0.6	1.6	3.4	16	0.5	0.4	0.1	75	0.19	0.027
72839	Soil		0.5	15.8	16.0	86	<0.1	19.9	9.8	359	2.76	6.7	0.6	1.2	3.5	15	0.5	0.4	<0.1	64	0.17	0.034

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Whitehorse Yukon Canada

Project: TAUT
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		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	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	0.1	0.05	1	0.5	0.2
72810	Soil		10	20	0.36	130	0.028	<1	1.74	0.016	0.06	0.1	0.05	2.9	0.1	<0.05	6	<0.5	0.3
72811	Soil		9	12	0.25	141	0.046	1	0.85	0.033	0.08	<0.1	0.04	1.9	0.1	<0.05	4	<0.5	<0.2
72812	Soil		13	23	0.42	171	0.031	<1	1.57	0.017	0.06	<0.1	0.14	3.9	0.1	0.07	6	1.2	1.0
72813	Soil		27	23	0.42	124	0.070	<1	1.32	0.019	0.11	<0.1	0.07	3.8	0.1	<0.05	5	0.5	0.3
72814	Soil		19	19	0.22	198	0.023	<1	1.06	0.015	0.05	0.1	0.18	4.5	<0.1	0.08	3	1.0	0.5
72815	Soil		29	41	0.80	175	0.115	<1	2.30	0.014	0.26	<0.1	0.07	7.4	0.2	<0.05	8	<0.5	0.4
72816	Soil		20	25	0.86	181	0.050	<1	2.13	0.015	0.11	<0.1	0.02	5.6	0.1	0.06	7	0.5	0.6
72817	Soil		7	5	0.15	102	0.059	<1	0.39	0.028	0.03	<0.1	0.02	1.1	<0.1	0.07	2	<0.5	<0.2
72818	Soil		6	7	0.23	114	0.026	<1	0.65	0.034	0.04	<0.1	0.02	1.7	<0.1	0.09	2	<0.5	<0.2
72819	Soil		11	26	0.73	188	0.074	2	1.47	0.017	0.14	<0.1	0.04	4.3	<0.1	0.10	7	<0.5	0.7
72820	Soil		17	24	0.78	195	0.052	<1	1.73	0.018	0.10	<0.1	0.02	5.6	<0.1	<0.05	6	<0.5	0.2
72821	Soil		4	6	0.19	57	0.032	<1	0.47	0.033	0.02	<0.1	<0.01	1.1	<0.1	0.06	2	<0.5	<0.2
72822	Soil		12	34	0.80	220	0.059	1	2.13	0.016	0.06	0.1	0.03	4.9	0.1	0.06	8	0.5	0.3
72823	Soil		8	18	0.53	129	0.047	<1	1.34	0.020	0.04	<0.1	0.02	2.9	<0.1	0.06	6	<0.5	0.2
72824	Soil		6	7	0.16	63	0.031	<1	0.76	0.036	0.03	<0.1	0.02	1.6	<0.1	0.11	2	<0.5	<0.2
72825	Soil		9	19	0.86	163	0.082	<1	2.03	0.025	0.12	<0.1	0.01	4.8	0.1	<0.05	7	<0.5	0.3
72826	Soil		19	22	0.91	211	0.015	<1	2.03	0.014	0.07	<0.1	0.04	5.5	<0.1	<0.05	7	0.8	0.2
72827	Soil		14	32	0.82	227	0.074	<1	2.03	0.024	0.10	<0.1	0.01	5.8	0.1	0.07	7	<0.5	<0.2
72828	Soil		18	37	1.07	329	0.055	<1	2.34	0.020	0.11	<0.1	0.02	6.7	0.1	0.09	7	0.7	<0.2
72829	Soil		10	31	0.51	135	0.092	1	2.01	0.011	0.09	0.1	0.20	4.3	0.1	<0.05	6	<0.5	<0.2
72830	Soil		8	26	0.47	287	0.087	1	2.09	0.012	0.11	0.3	0.15	4.0	<0.1	0.07	6	<0.5	<0.2
72831	Soil		9	29	1.24	189	0.200	<1	2.82	0.013	0.51	<0.1	0.02	8.1	0.3	<0.05	11	<0.5	<0.2
72832	Soil		11	46	1.16	176	0.182	<1	3.03	0.016	0.37	0.1	0.01	6.3	0.2	0.10	10	<0.5	<0.2
72833	Soil		26	22	0.58	277	0.091	3	1.45	0.018	0.26	<0.1	0.03	3.5	0.1	0.16	6	0.6	<0.2
72834	Soil		21	8	0.38	195	0.046	<1	1.56	0.011	0.25	<0.1	0.01	4.1	0.2	0.08	6	<0.5	<0.2
72835	Soil		11	46	1.08	158	0.135	1	3.33	0.015	0.32	<0.1	0.01	10.3	0.3	<0.05	13	<0.5	<0.2
72836	Soil		27	93	1.84	233	0.210	<1	3.55	0.023	0.85	<0.1	<0.01	13.1	0.4	<0.05	15	<0.5	<0.2
72837	Soil		32	32	1.34	355	0.206	<1	2.37	0.018	0.53	<0.1	<0.01	5.3	0.3	<0.05	8	<0.5	<0.2
72838	Soil		11	36	0.63	159	0.107	2	2.46	0.012	0.10	0.1	0.05	5.4	0.1	0.09	7	<0.5	<0.2
72839	Soil		12	30	0.49	178	0.105	2	2.02	0.011	0.09	0.2	0.18	4.8	<0.1	0.08	6	<0.5	<0.2

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		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
72840	Soil		0.6	22.9	16.1	78	0.2	21.5	11.6	608	3.42	8.2	0.5	2.4	2.6	18	0.2	0.4	0.1	77	0.21	0.050
72841	Soil		1.1	49.4	80.5	204	1.3	20.9	16.6	892	4.43	17.6	1.0	44.4	5.3	25	1.1	0.7	2.3	66	0.39	0.103
72842	Soil		1.3	47.2	44.6	184	1.1	26.4	12.7	590	4.95	12.5	1.1	29.1	8.6	38	0.5	0.6	0.6	78	0.75	0.091
72843	Soil		8.8	36.4	14.4	55	0.3	11.3	5.7	147	2.10	5.2	0.8	10.9	1.6	32	0.2	0.3	0.2	53	0.24	0.099
72844	Soil		6.7	95.7	11.6	54	0.2	9.5	6.5	218	2.28	4.0	0.9	16.7	3.3	30	0.2	0.3	0.2	52	0.24	0.075
72845	Soil		5.9	60.7	15.9	61	0.3	13.6	6.1	165	2.67	7.0	1.0	14.6	3.0	34	0.3	0.4	0.3	57	0.26	0.071
72846	Soil		10.7	39.9	12.0	45	<0.1	8.8	8.9	457	2.59	6.6	0.4	4.4	1.0	17	0.1	0.3	0.2	62	0.14	0.056
72847	Soil		2.8	67.3	26.2	114	0.3	13.5	14.8	823	4.97	9.0	1.1	18.5	7.5	81	0.4	0.3	0.5	72	0.25	0.099
72848	Soil		1.5	56.6	18.3	233	<0.1	16.4	24.7	1345	4.47	5.8	1.0	8.8	6.4	26	0.4	0.3	0.5	63	0.39	0.060
72849	Soil		2.8	41.3	14.7	173	0.2	27.2	18.5	878	4.00	8.8	0.8	5.0	5.5	22	0.8	0.4	0.4	76	0.26	0.070
72850	Soil		4.7	549.8	80.8	156	9.9	10.8	9.7	651	4.31	34.3	1.6	1018.2	2.7	155	0.4	23.5	19.4	49	0.54	0.097
72851	Soil		3.2	48.6	28.1	113	0.5	16.0	32.7	920	4.26	32.0	0.9	79.6	2.7	57	0.4	0.4	0.9	51	0.20	0.044
72852	Soil		9.8	114.6	46.0	140	0.9	10.5	7.6	395	5.43	12.6	1.1	98.4	6.9	125	0.4	0.8	1.0	58	0.16	0.110
72853	Soil		6.5	99.0	8.9	74	0.2	13.0	9.2	323	4.38	4.0	1.4	3.2	4.4	75	0.2	0.2	0.7	49	0.21	0.099
72854	Soil		1.3	46.7	23.5	85	0.2	11.8	20.4	696	4.17	18.7	0.6	45.0	2.7	104	0.4	0.3	0.7	41	0.19	0.069
72855	Soil		1.2	37.0	51.5	106	0.9	6.9	10.1	668	4.49	10.7	0.5	41.4	3.0	42	0.3	0.3	2.3	38	0.13	0.086
72856	Soil		1.9	25.0	109.8	176	0.9	11.4	10.4	993	3.07	15.2	0.7	28.2	2.7	12	0.6	1.2	0.5	41	0.09	0.050
Y647801	Soil		11.2	46.2	13.9	73	0.2	10.6	9.3	272	4.80	9.7	0.6	20.1	3.2	36	0.1	0.2	0.3	67	0.29	0.070
Y647802	Soil		6.5	45.8	9.8	54	0.2	9.7	5.5	295	5.60	3.6	0.5	22.3	2.3	66	0.2	0.2	0.3	85	0.19	0.071
Y647803	Soil		3.4	46.3	13.5	82	0.3	11.0	12.6	587	2.80	3.1	0.6	15.3	2.7	33	0.2	0.2	0.3	58	0.32	0.086
Y647804	Soil		3.1	67.8	6.1	83	0.2	15.8	15.1	812	3.54	3.2	0.3	26.5	2.1	31	0.2	0.1	0.2	79	0.41	0.076
Y647805	Soil		2.7	60.0	14.0	111	0.6	14.3	16.4	921	2.91	4.3	0.4	27.1	1.4	34	0.2	0.3	0.4	61	0.31	0.083
Y647806	Soil		5.7	56.4	8.6	82	0.1	8.6	6.6	298	2.75	2.2	0.3	23.2	3.0	29	0.3	0.2	0.2	59	0.28	0.065
Y647807	Soil		5.5	39.2	12.5	90	0.1	11.7	8.0	371	3.48	4.0	0.4	16.9	2.6	42	0.2	0.2	0.3	71	0.29	0.076
Y647808	Soil		8.2	43.7	15.0	97	0.3	10.8	9.6	307	4.10	4.5	0.6	15.5	3.2	49	0.3	0.3	0.2	57	0.27	0.086
Y647809	Soil		2.2	31.6	13.4	92	0.2	13.3	11.9	707	3.77	5.2	0.5	8.0	3.3	33	0.3	0.3	0.2	77	0.26	0.059
Y647810	Soil		3.9	24.4	17.4	84	0.1	10.0	7.4	295	3.97	6.1	0.6	6.4	6.4	24	<0.1	0.2	0.9	55	0.16	0.052
Y647811	Soil		1.7	31.2	9.0	99	0.1	15.0	13.7	874	3.67	5.9	0.5	6.3	2.5	39	0.2	0.2	0.4	83	0.52	0.142
Y647812	Soil		2.2	46.4	19.4	119	0.2	12.4	43.3	3270	4.37	7.1	0.5	10.5	3.2	34	0.4	0.3	0.5	82	0.35	0.113
Y647813	Soil		2.8	31.7	11.5	59	0.2	12.6	9.4	749	3.26	4.8	0.6	45.6	2.6	57	<0.1	0.2	0.2	57	0.36	0.077

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		Analyte	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	0.1	0.05	1	0.5	0.2
72840	Soil		13	32	0.78	279	0.070	<1	2.93	0.015	0.10	<0.1	0.06	4.7	0.1	0.06	7	<0.5	<0.2
72841	Soil		23	35	0.81	145	0.083	<1	1.98	0.015	0.12	<0.1	0.04	5.9	0.1	0.07	6	<0.5	1.3
72842	Soil		33	48	1.17	293	0.127	<1	2.52	0.021	0.33	<0.1	0.06	9.4	0.2	0.10	9	<0.5	0.6
72843	Soil		13	29	0.50	157	0.058	<1	1.90	0.014	0.09	<0.1	0.04	3.3	0.2	0.11	6	<0.5	<0.2
72844	Soil		13	23	0.55	199	0.079	1	1.89	0.011	0.12	<0.1	0.04	4.3	0.2	<0.05	5	<0.5	<0.2
72845	Soil		15	30	0.60	255	0.078	2	2.30	0.012	0.08	<0.1	0.06	5.1	0.1	<0.05	7	<0.5	<0.2
72846	Soil		8	21	0.41	158	0.070	1	1.34	0.010	0.07	0.1	0.02	2.5	0.1	0.07	6	<0.5	<0.2
72847	Soil		23	24	1.01	239	0.105	<1	2.51	0.052	0.44	0.1	<0.01	7.5	0.3	0.34	9	0.7	0.4
72848	Soil		18	23	1.23	181	0.083	<1	3.45	0.008	0.30	<0.1	0.01	6.6	0.2	<0.05	9	<0.5	0.2
72849	Soil		13	41	0.97	183	0.130	2	3.00	0.015	0.28	0.1	0.02	6.3	0.2	<0.05	8	<0.5	0.3
72850	Soil		12	24	0.63	191	0.009	<1	2.25	0.027	0.06	<0.1	0.07	4.0	0.2	<0.05	6	0.6	3.8
72851	Soil		12	28	0.73	155	0.039	<1	2.06	0.018	0.06	<0.1	0.02	4.2	0.1	<0.05	6	0.6	1.6
72852	Soil		13	45	0.51	192	0.031	<1	1.53	0.044	0.18	<0.1	0.04	6.1	0.1	0.39	6	1.4	1.1
72853	Soil		16	39	0.28	205	0.012	<1	1.03	0.040	0.09	<0.1	<0.01	8.9	<0.1	0.17	4	0.9	0.3
72854	Soil		10	23	0.59	127	0.030	<1	1.71	0.019	0.05	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5	1.1
72855	Soil		16	21	0.71	240	0.006	<1	1.69	0.038	0.06	<0.1	0.03	3.1	<0.1	0.16	5	1.0	1.8
72856	Soil		14	19	0.35	133	0.024	<1	1.55	0.010	0.08	<0.1	0.05	3.3	0.2	<0.05	4	<0.5	0.7
Y647801	Soil		13	29	0.92	176	0.036	<1	2.09	0.012	0.08	<0.1	0.03	5.5	0.2	<0.05	7	<0.5	0.3
Y647802	Soil		12	37	1.20	279	0.079	<1	2.84	0.016	0.15	<0.1	0.04	9.0	0.2	0.06	9	<0.5	0.3
Y647803	Soil		11	26	0.85	188	0.063	<1	2.04	0.017	0.09	<0.1	0.04	5.2	0.1	0.07	7	0.5	<0.2
Y647804	Soil		8	41	1.16	183	0.110	<1	2.09	0.024	0.15	<0.1	0.01	5.9	0.1	<0.05	7	<0.5	<0.2
Y647805	Soil		10	43	0.85	159	0.044	<1	1.87	0.016	0.06	<0.1	0.03	4.1	0.1	0.08	7	<0.5	0.3
Y647806	Soil		11	24	0.91	125	0.055	<1	1.60	0.015	0.09	<0.1	<0.01	4.5	<0.1	<0.05	5	<0.5	<0.2
Y647807	Soil		11	27	1.07	215	0.057	<1	2.53	0.020	0.12	<0.1	0.02	5.9	0.1	<0.05	8	<0.5	<0.2
Y647808	Soil		18	26	0.87	231	0.041	<1	2.47	0.025	0.14	<0.1	0.02	5.4	0.1	0.13	7	0.9	0.2
Y647809	Soil		12	33	1.01	240	0.110	<1	2.18	0.023	0.26	<0.1	0.02	6.9	0.1	0.17	8	<0.5	<0.2
Y647810	Soil		21	23	0.67	160	0.109	<1	1.57	0.016	0.28	<0.1	0.02	6.7	0.2	0.12	5	<0.5	0.5
Y647811	Soil		13	42	1.15	257	0.150	<1	2.22	0.019	0.31	<0.1	0.01	5.9	0.2	0.09	8	<0.5	0.4
Y647812	Soil		15	28	0.82	264	0.092	<1	2.14	0.014	0.16	<0.1	0.02	5.7	0.2	0.08	9	<0.5	0.4
Y647813	Soil		16	27	0.71	306	0.063	<1	1.74	0.035	0.12	0.1	0.02	4.4	0.1	0.15	6	<0.5	0.2

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Client: **Mann & Hulstein Prospectors**
Whitehorse Yukon Canada

Project: TAUT
Report Date: September 15, 2021

CERTIFICATE OF ANALYSIS WHI21000267.1

	Method	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
Y647814	Soil	1.8	33.4	10.4	73	<0.1	14.9	9.7	554	3.27	5.0	0.5	8.3	2.6	45	0.1	0.2	0.1	84	0.32	0.070
Y647815	Soil	1.9	45.1	13.9	89	0.1	12.4	13.8	871	3.47	6.0	0.4	19.2	2.4	38	0.3	0.3	0.2	82	0.36	0.068
Y647816	Soil	2.0	30.3	18.8	107	0.2	13.4	13.0	1045	3.49	6.3	0.5	8.8	2.1	31	0.3	0.3	0.2	86	0.34	0.055
Y647817	Soil	1.8	26.1	16.1	97	0.2	7.7	6.1	497	3.35	3.4	0.5	18.8	2.9	59	0.3	0.2	0.2	61	0.27	0.087
Y647818	Soil	1.7	31.2	14.2	113	0.1	20.3	7.4	405	2.81	6.9	1.4	2.9	2.8	36	0.2	0.3	0.1	56	0.43	0.067
Y647819	Soil	0.7	13.3	6.5	44	<0.1	8.6	5.4	282	1.64	3.0	0.4	0.9	1.2	25	0.1	0.1	<0.1	43	0.31	0.036
Y647820	Soil	0.7	12.9	8.3	39	<0.1	10.2	4.4	288	1.52	2.9	0.6	1.3	2.1	20	0.1	0.1	<0.1	39	0.30	0.036
Y647821	Soil	0.9	22.3	27.9	65	<0.1	16.4	8.0	498	2.62	6.5	0.6	2.9	2.0	35	0.2	0.3	0.1	55	0.46	0.043
Y647822	Soil	0.8	9.2	11.0	40	<0.1	8.9	4.1	187	2.33	7.6	0.4	1.2	2.3	18	<0.1	0.2	<0.1	47	0.32	0.053
Y647823	Soil	1.7	15.2	10.7	54	<0.1	9.5	4.6	264	2.05	4.6	0.4	1.2	1.8	26	0.2	0.2	0.1	47	0.40	0.057
Y647824	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Y647825	Soil	4.1	16.8	12.8	123	<0.1	13.5	9.2	598	2.30	6.1	0.5	8.3	2.4	22	0.6	0.3	0.1	50	0.30	0.069
Y647826	Soil	6.0	24.7	14.6	113	0.2	15.3	9.2	765	2.72	8.3	0.6	4.1	2.3	22	0.4	0.3	0.2	61	0.24	0.053
Y647827	Soil	1.9	25.7	15.8	86	0.1	16.9	13.1	1314	2.68	7.9	0.7	8.9	3.2	21	0.3	0.4	0.1	58	0.28	0.058
Y647828	Soil	2.1	30.6	31.7	124	0.4	22.1	12.6	725	3.28	12.4	0.7	9.2	3.5	26	0.4	0.4	0.3	77	0.31	0.047
Y647829	Soil	0.7	17.7	18.6	81	0.2	12.3	8.3	698	2.13	6.8	0.6	14.6	3.8	21	0.4	0.4	0.2	49	0.32	0.078
Y647830	Soil	0.8	17.3	16.3	96	0.2	12.6	7.4	721	2.08	6.0	0.4	7.1	3.1	19	0.4	0.3	0.1	47	0.30	0.078
Y647831	Soil	0.8	18.8	19.4	98	0.1	13.5	7.6	543	2.25	6.7	0.5	8.1	3.4	19	0.4	0.3	0.1	52	0.28	0.056
Y647832	Soil	0.7	15.5	24.5	94	0.1	13.4	8.7	580	2.32	7.4	0.4	5.7	3.1	22	0.2	0.3	0.1	56	0.29	0.052
Y647833	Soil	0.8	23.4	24.5	178	0.1	21.3	11.6	816	3.02	11.3	0.5	8.4	3.6	27	0.6	0.5	0.1	68	0.42	0.087
Y647834	Soil	0.9	22.2	25.7	160	0.4	12.3	6.2	751	2.13	9.4	0.6	23.1	2.7	22	0.5	0.8	0.1	52	0.32	0.070
Y647835	Soil	1.0	21.3	31.1	148	0.3	17.7	11.8	632	3.02	10.9	0.6	6.5	3.4	21	0.9	0.5	0.1	71	0.28	0.060
Y647836	Soil	0.8	20.6	37.8	166	<0.1	22.5	13.0	756	3.24	12.4	0.5	3.7	3.7	31	0.5	0.5	0.1	70	0.36	0.053
Y647837	Soil	0.7	16.8	25.7	92	0.2	16.5	9.4	663	2.48	7.3	0.4	1.8	2.0	24	0.3	0.3	<0.1	57	0.29	0.065
Y647838	Soil	0.9	15.2	25.5	90	0.2	16.8	9.1	409	2.99	7.4	0.5	1.6	3.4	21	0.4	0.4	0.1	73	0.28	0.041
Y647839	Soil	0.9	15.0	36.8	105	0.2	17.5	9.4	625	2.76	9.2	0.4	23.3	2.8	22	0.4	0.6	<0.1	61	0.27	0.039
Y647840	Soil	1.3	31.4	84.0	291	1.9	29.0	11.9	872	4.18	19.2	0.9	27.6	3.6	62	1.0	0.9	<0.1	87	1.03	0.117
Y647841	Soil	0.8	25.1	7.2	62	<0.1	23.2	12.0	510	3.31	6.4	0.5	0.8	2.9	29	0.1	0.3	<0.1	82	0.34	0.064
Y647842	Soil	0.6	24.3	5.9	61	<0.1	19.8	12.8	645	3.41	6.2	0.5	0.8	3.4	45	<0.1	0.3	<0.1	96	0.48	0.058
Y647843	Soil	0.8	21.0	6.4	62	0.1	19.9	10.9	468	3.18	5.8	0.5	6.9	2.8	46	<0.1	0.3	0.1	88	0.51	0.060

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	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	0.1	0.05	1	0.5	0.2
Y647814	Soil	12	29	0.91	260	0.101	<1	1.97	0.024	0.11	<0.1	<0.01	6.0	<0.1	0.10	8	<0.5	<0.2
Y647815	Soil	11	25	0.85	260	0.083	<1	1.54	0.025	0.09	<0.1	0.01	5.3	<0.1	0.09	6	<0.5	0.3
Y647816	Soil	11	29	0.88	250	0.086	<1	1.96	0.021	0.09	0.1	0.03	5.7	<0.1	<0.05	8	<0.5	0.3
Y647817	Soil	13	20	0.98	287	0.077	<1	1.82	0.043	0.18	<0.1	0.01	5.8	0.2	0.23	7	<0.5	0.2
Y647818	Soil	19	37	0.63	512	0.052	<1	2.53	0.016	0.12	0.1	0.03	6.5	0.1	0.07	6	<0.5	<0.2
Y647819	Soil	9	18	0.34	229	0.065	<1	0.98	0.017	0.08	<0.1	0.02	2.5	<0.1	0.06	4	<0.5	<0.2
Y647820	Soil	12	23	0.41	181	0.058	<1	1.17	0.013	0.06	<0.1	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
Y647821	Soil	14	31	0.62	334	0.070	<1	1.78	0.017	0.11	0.1	0.01	4.8	<0.1	0.08	5	<0.5	<0.2
Y647822	Soil	12	21	0.40	125	0.060	<1	1.12	0.012	0.07	<0.1	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
Y647823	Soil	12	22	0.41	238	0.054	<1	1.39	0.016	0.06	<0.1	0.02	3.3	<0.1	0.07	4	<0.5	<0.2
Y647824	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Y647825	Soil	10	24	0.47	200	0.066	1	1.44	0.012	0.10	<0.1	0.01	3.7	<0.1	<0.05	5	<0.5	<0.2
Y647826	Soil	13	28	0.48	260	0.074	2	1.73	0.011	0.11	0.1	0.02	4.6	<0.1	0.06	7	0.5	<0.2
Y647827	Soil	15	29	0.52	204	0.076	<1	1.62	0.013	0.09	0.1	0.02	4.3	<0.1	0.07	5	<0.5	<0.2
Y647828	Soil	16	39	0.71	317	0.088	2	2.37	0.014	0.12	0.2	0.03	5.6	0.1	0.07	8	<0.5	0.2
Y647829	Soil	15	23	0.42	126	0.078	1	1.15	0.017	0.08	0.1	0.02	3.4	<0.1	<0.05	4	<0.5	0.2
Y647830	Soil	12	21	0.40	140	0.070	<1	1.12	0.011	0.08	<0.1	0.02	3.1	<0.1	0.05	4	<0.5	<0.2
Y647831	Soil	12	25	0.49	131	0.088	<1	1.26	0.014	0.10	0.1	0.01	3.5	<0.1	0.05	4	<0.5	<0.2
Y647832	Soil	11	24	0.48	209	0.082	1	1.27	0.014	0.08	0.1	0.01	3.0	<0.1	0.05	5	<0.5	<0.2
Y647833	Soil	12	35	0.68	173	0.101	2	1.96	0.017	0.14	0.2	0.02	5.2	0.1	0.08	6	<0.5	<0.2
Y647834	Soil	12	24	0.40	105	0.070	1	1.21	0.020	0.07	<0.1	0.03	3.4	<0.1	0.06	4	<0.5	<0.2
Y647835	Soil	13	32	0.50	137	0.099	1	1.88	0.014	0.12	0.2	0.03	4.3	0.1	0.06	7	<0.5	<0.2
Y647836	Soil	12	36	0.65	173	0.105	1	2.00	0.015	0.12	0.1	0.03	5.3	0.1	<0.05	7	<0.5	<0.2
Y647837	Soil	8	25	0.43	172	0.062	<1	1.84	0.019	0.07	0.1	0.02	3.8	<0.1	0.08	5	<0.5	<0.2
Y647838	Soil	12	33	0.57	138	0.115	1	1.95	0.019	0.09	0.2	0.03	4.7	0.1	0.10	8	<0.5	<0.2
Y647839	Soil	11	28	0.48	207	0.058	<1	1.74	0.013	0.06	<0.1	0.02	4.3	<0.1	0.07	5	<0.5	<0.2
Y647840	Soil	18	43	0.79	642	0.060	2	3.23	0.021	0.17	0.2	0.13	11.6	0.2	0.18	8	0.8	<0.2
Y647841	Soil	13	33	0.79	201	0.114	1	2.93	0.030	0.08	0.1	0.03	6.3	<0.1	0.07	7	<0.5	<0.2
Y647842	Soil	13	35	0.92	255	0.093	<1	2.75	0.030	0.08	<0.1	0.03	8.3	0.1	0.05	7	<0.5	<0.2
Y647843	Soil	13	36	0.81	246	0.088	1	2.70	0.024	0.09	0.1	0.02	6.6	0.1	0.08	8	<0.5	<0.2

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	Method	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																					
72816	Soil	1.1	39.3	43.4	129	0.6	11.0	8.1	439	3.83	9.1	0.9	201.0	6.0	31	0.4	0.8	0.7	64	0.29	0.086
REP 72816	QC	1.1	38.0	42.9	124	0.5	10.6	8.0	398	3.61	9.2	0.9	20.3	5.5	29	0.3	0.8	0.7	62	0.30	0.079
72852	Soil	9.8	114.6	46.0	140	0.9	10.5	7.6	395	5.43	12.6	1.1	98.4	6.9	125	0.4	0.8	1.0	58	0.16	0.110
REP 72852	QC	10.3	116.0	46.7	149	1.0	10.2	7.9	416	5.73	12.7	1.1	120.9	7.1	127	0.3	0.9	1.1	60	0.18	0.113
Y647828	Soil	2.1	30.6	31.7	124	0.4	22.1	12.6	725	3.28	12.4	0.7	9.2	3.5	26	0.4	0.4	0.3	77	0.31	0.047
REP Y647828	QC	2.1	30.8	31.5	130	0.4	21.6	12.8	716	3.35	12.1	0.7	9.4	3.5	25	0.4	0.4	0.3	73	0.28	0.043
Reference Materials																					
STD BVGEO01	Standard	11.0	4593.5	195.7	1621	2.6	164.7	25.1	735	3.91	124.0	3.9	215.8	15.7	55	6.1	3.5	24.7	77	1.44	0.075
STD DS11	Standard	16.7	162.1	149.4	366	1.7	81.3	15.5	1051	3.43	46.4	2.8	63.8	9.1	69	2.4	9.3	12.1	53	1.15	0.073
STD DS11	Standard	16.3	150.2	141.3	350	1.7	83.0	15.1	928	3.37	45.9	2.7	63.9	8.7	67	2.5	8.7	12.4	54	1.05	0.078
STD OREAS262	Standard	0.7	116.4	58.7	157	0.5	67.6	28.4	522	3.56	38.0	1.3	69.1	10.1	36	0.6	5.8	1.0	20	3.00	0.047
STD OREAS262	Standard	0.8	111.3	58.9	147	0.5	67.5	29.1	456	3.44	37.1	1.2	55.1	10.4	36	0.7	5.2	1.1	23	3.03	0.044
STD OREAS262	Standard	0.6	124.1	58.3	141	0.5	64.7	30.1	533	3.38	35.7	1.2	65.9	9.7	35	0.6	5.4	1.0	24	2.93	0.041
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 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 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	8	<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	0.5	<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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	Analyte	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	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
72816	Soil	20	25	0.86	181	0.050	<1	2.13	0.015	0.11	<0.1	0.02	5.6	0.1	0.06	7	0.5	0.6
REP 72816	QC	20	23	0.81	179	0.050	<1	1.97	0.016	0.11	<0.1	0.03	5.4	0.1	0.06	7	<0.5	0.6
72852	Soil	13	45	0.51	192	0.031	<1	1.53	0.044	0.18	<0.1	0.04	6.1	0.1	0.39	6	1.4	1.1
REP 72852	QC	15	47	0.55	205	0.039	<1	1.52	0.048	0.20	<0.1	0.04	6.5	0.1	0.40	6	1.5	1.0
Y647828	Soil	16	39	0.71	317	0.088	2	2.37	0.014	0.12	0.2	0.03	5.6	0.1	0.07	8	<0.5	0.2
REP Y647828	QC	16	37	0.72	317	0.083	2	2.30	0.013	0.11	0.2	0.02	5.5	0.1	0.06	8	<0.5	<0.2
Reference Materials																		
STD BVGEO01	Standard	27	179	1.31	320	0.239	4	2.22	0.183	0.97	5.5	0.09	6.7	0.6	0.71	7	4.7	0.9
STD DS11	Standard	19	68	0.90	376	0.099	6	1.14	0.084	0.43	3.4	0.29	3.9	5.2	0.31	6	2.2	4.9
STD DS11	Standard	19	61	0.87	382	0.097	7	1.23	0.073	0.42	3.1	0.25	3.6	5.1	0.29	5	2.3	4.6
STD OREAS262	Standard	18	46	1.20	258	0.003	4	1.31	0.070	0.29	0.2	0.16	3.9	0.5	0.25	4	<0.5	0.2
STD OREAS262	Standard	17	45	1.13	255	0.003	4	1.25	0.062	0.30	0.2	0.17	3.3	0.5	0.29	4	<0.5	0.3
STD OREAS262	Standard	17	42	1.20	253	0.003	4	1.18	0.064	0.27	0.2	0.15	3.5	0.5	0.25	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 BVGEO01 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 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	0.08	<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

Appendix III

Ah Horizon Soil Assay Certificates

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: **Mann & Hulstein Prosepctors**
Whitehorse Yukon Canada

Submitted By:	Bill Mann
Receiving Lab:	Canada-Whitehorse
Received:	July 26, 2021
Analysis Start:	August 11, 2021
Report Date:	September 07, 2021
Page:	1 of 3

CERTIFICATE OF ANALYSIS WHI21000268.1

CLIENT JOB INFORMATION

Project:	TAUT
Shipment ID:	
P.O. Number	
Number of Samples:	47

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
DISP-RJT-SOIL	Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	47	Dry at 60C sieve 100g to -80 mesh			WHI
AQ250	47	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
DISPL	47	Disposal of pulps			VAN
SHP01	47	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Mann & Hulstein Prosepctors
Whitehorse Yukon
Canada

CC:

GEORGE ARCALA
Instrumentation Shift Supervisor

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

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

Client: **Mann & Hulstein Prosepctors**
Whitehorse Yukon Canada

Project: TAUT
Report Date: September 07, 2021

CERTIFICATE OF ANALYSIS WHI21000268.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
Y647851	AH Soil	0.63	17.84	15.99	75.8	372	15.5	10.8	854	2.35	6.3	0.3	1.6	0.3	61.4	0.50	0.43	0.10	46	1.13	0.123
Y647852	AH Soil	1.08	16.90	27.37	50.2	782	7.9	4.6	145	1.87	5.4	0.8	8.9	0.1	31.7	0.33	0.41	0.23	27	0.38	0.128
Y647853	AH Soil	0.88	49.67	16.32	79.9	621	14.4	7.0	636	1.80	5.7	0.8	16.8	0.8	50.3	0.98	0.56	0.21	34	1.38	0.103
Y647854	AH Soil	1.11	33.90	2.96	60.6	224	8.5	16.8	7010	0.81	0.9	0.4	2.4	<0.1	53.5	2.26	0.56	0.04	12	0.73	0.141
Y647855	AH Soil	2.38	61.21	3.58	57.8	427	10.2	274.2	>10000	11.93	3.9	0.6	4.3	0.6	39.0	2.57	0.41	0.09	34	0.45	0.151
Y647856	AH Soil	2.43	26.27	14.48	38.4	187	5.0	6.5	150	5.22	26.0	0.5	4.5	1.6	22.5	0.44	0.20	0.10	174	0.34	0.141
Y647857	AH Soil	10.78	131.53	6.55	81.5	544	21.6	175.8	>10000	1.90	2.1	1.6	7.0	<0.1	54.0	3.72	0.36	0.10	34	0.57	0.139
Y647858	AH Soil	23.08	38.25	17.52	49.1	647	9.2	628.0	>10000	5.11	7.0	0.8	8.1	0.3	38.2	2.38	0.67	0.18	47	0.30	0.191
Y647859	AH Soil	1.17	33.66	6.20	17.1	843	5.5	2.4	103	0.71	0.8	1.4	15.0	<0.1	31.1	0.56	0.24	0.07	17	0.25	0.153
Y647860	AH Soil	1.74	83.35	4.95	18.2	410	8.6	4.5	127	1.12	1.6	1.2	4.4	<0.1	31.8	0.86	0.25	0.07	13	0.19	0.145
Y647861	AH Soil	3.90	56.56	5.36	24.5	465	7.2	8.5	122	1.67	2.7	1.1	5.7	<0.1	36.9	0.84	0.38	0.07	22	0.24	0.172
Y647862	AH Soil	4.57	66.72	6.66	31.1	542	8.6	9.8	122	1.86	3.0	1.4	6.6	<0.1	49.4	0.75	0.46	0.08	19	0.28	0.187
Y647863	AH Soil	8.93	48.64	4.27	19.3	428	6.7	4.8	115	5.14	5.9	1.1	6.3	<0.1	20.5	0.31	0.48	0.09	44	0.13	0.148
Y647864	AH Soil	1.33	72.56	14.57	45.8	851	10.7	4.0	138	1.98	3.9	2.0	24.4	0.6	37.2	1.38	0.22	0.30	32	0.22	0.076
Y647865	AH Soil	0.72	30.67	9.00	28.2	771	6.9	3.6	56	0.76	1.1	1.7	4.2	<0.1	50.7	2.78	0.31	0.06	9	0.63	0.165
Y647866	AH Soil	0.99	34.07	3.62	75.8	1395	11.7	8.3	1946	1.06	1.6	0.6	1.0	0.1	36.6	3.66	0.22	0.07	21	0.25	0.068
Y647867	AH Soil	0.13	4.77	0.74	6.8	70	1.1	1.3	20	0.39	0.3	<0.1	<0.2	<0.1	7.6	0.12	0.09	<0.02	11	0.03	0.038
Y647868	AH Soil	0.20	3.24	1.39	10.3	49	2.4	1.3	29	0.39	0.3	0.2	<0.2	<0.1	11.3	0.80	0.07	<0.02	11	0.08	0.039
Y647869	AH Soil	0.32	12.12	4.20	23.9	73	7.1	3.8	125	1.16	1.6	0.6	1.2	0.5	24.6	0.20	0.15	0.06	18	0.21	0.084
Y647870	AH Soil	0.42	27.95	1.31	13.3	100	7.4	1.8	59	0.54	0.6	0.9	1.2	0.1	57.1	0.37	0.33	0.03	12	0.52	0.116
Y647871	AH Soil	4.16	25.65	1.63	11.0	604	7.2	13.8	1444	5.08	11.4	1.3	1.6	0.5	50.9	0.26	0.35	0.12	119	0.49	0.139
Y647872	AH Soil	0.24	17.59	1.03	11.1	50	4.0	2.4	57	0.62	0.6	0.4	<0.2	0.2	28.4	0.39	0.16	<0.02	11	0.27	0.093
Y647873	AH Soil	0.87	43.97	3.69	28.1	375	9.3	4.1	274	1.97	9.2	1.2	3.2	0.7	46.3	1.33	0.41	0.10	41	0.55	0.141
Y647874	AH Soil	0.52	13.56	4.39	48.7	141	8.9	2.5	86	0.69	1.2	0.5	1.7	0.2	28.5	0.52	0.14	0.07	12	0.26	0.070
Y647875	AH Soil	4.92	34.40	4.01	34.1	488	13.2	46.5	5232	5.64	15.0	1.0	3.4	0.2	60.3	0.76	0.39	0.11	79	0.46	0.142
Y647876	AH Soil	0.42	67.31	3.75	16.9	405	14.1	2.4	66	0.52	0.7	1.0	5.1	<0.1	56.3	1.32	0.19	0.07	12	0.46	0.150
Y647877	AH Soil	0.56	16.83	5.04	25.6	176	9.1	6.1	1099	0.91	1.7	0.4	2.4	0.2	51.1	0.51	0.25	0.07	20	0.47	0.092
Y647878	AH Soil	1.45	28.25	32.38	146.3	339	25.3	21.9	7080	2.18	5.4	1.0	6.1	0.9	84.7	5.51	0.85	0.15	42	0.77	0.159
Y647879	AH Soil	2.56	49.62	11.39	53.0	388	14.3	36.5	6116	2.69	8.8	1.4	3.6	0.4	67.4	1.32	0.44	0.12	57	0.58	0.153
Y647880	AH Soil	0.48	38.03	5.75	39.9	537	17.0	10.6	454	0.95	1.2	0.8	3.0	0.3	127.2	1.42	0.41	0.07	17	1.24	0.167

BUREAU VERITAS MINERAL LABORATORIES Canada

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Client: **Mann & Hulstein Prosepctors**
Whitehorse Yukon Canada

Project: TAUT
Report Date: September 07, 2021

CERTIFICATE OF ANALYSIS WHI21000268.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Y647851	AH Soil	8.1	20.8	0.60	663.3	0.031	<20	1.76	0.009	0.13	<0.1	2.2	0.09	0.09	135	0.5	0.03	5.3
Y647852	AH Soil	18.5	14.0	0.15	159.5	0.020	<20	1.03	0.009	0.06	<0.1	1.4	0.08	0.14	139	0.5	0.13	3.3
Y647853	AH Soil	20.4	16.4	0.35	259.7	0.045	<20	1.00	0.016	0.08	<0.1	2.3	0.10	0.13	47	0.8	0.21	3.6
Y647854	AH Soil	8.0	7.6	0.09	310.8	0.019	<20	0.68	0.013	0.05	<0.1	0.8	0.08	0.19	127	0.7	0.11	1.2
Y647855	AH Soil	17.3	8.7	0.06	439.2	0.016	<20	0.93	0.004	0.05	<0.1	1.7	0.11	0.23	116	1.3	0.32	1.8
Y647856	AH Soil	11.3	10.1	0.08	63.8	0.125	<20	0.52	0.009	0.03	<0.1	1.6	0.03	0.08	28	0.5	0.07	4.3
Y647857	AH Soil	23.0	8.9	0.09	668.7	0.021	<20	0.52	0.009	0.04	<0.1	1.0	0.12	0.13	74	0.9	0.12	2.0
Y647858	AH Soil	15.3	16.0	0.12	1224.2	0.021	<20	0.92	0.006	0.07	0.1	1.6	0.84	0.18	110	1.2	0.57	3.3
Y647859	AH Soil	9.4	18.3	0.13	120.3	0.021	<20	1.01	0.008	0.05	<0.1	0.7	0.09	0.23	179	0.8	0.09	2.4
Y647860	AH Soil	14.0	11.3	0.11	158.9	0.010	<20	0.93	0.008	0.06	<0.1	0.7	0.04	0.14	92	0.8	0.05	2.2
Y647861	AH Soil	12.2	9.9	0.12	226.7	0.014	<20	0.74	0.009	0.06	<0.1	0.8	0.06	0.15	116	0.9	0.07	1.8
Y647862	AH Soil	16.6	10.6	0.11	305.4	0.011	<20	0.76	0.008	0.08	<0.1	0.9	0.08	0.17	160	1.0	0.05	1.7
Y647863	AH Soil	8.3	14.6	0.11	219.0	0.016	<20	0.92	0.007	0.04	<0.1	1.0	0.08	0.18	57	1.5	0.09	2.4
Y647864	AH Soil	12.9	17.3	0.22	103.8	0.040	<20	1.26	0.019	0.12	0.1	2.5	0.09	0.12	55	0.7	0.19	4.5
Y647865	AH Soil	22.2	6.9	0.09	130.2	0.011	<20	0.58	0.012	0.07	<0.1	0.6	0.04	0.22	118	0.9	0.03	1.3
Y647866	AH Soil	12.5	10.1	0.07	179.6	0.045	<20	0.77	0.018	0.06	<0.1	1.3	0.05	0.03	40	0.4	<0.02	2.5
Y647867	AH Soil	0.7	2.3	0.03	13.4	0.023	<20	0.15	0.019	0.04	<0.1	0.3	<0.02	<0.02	24	0.3	<0.02	1.0
Y647868	AH Soil	1.7	4.8	0.05	37.7	0.023	<20	0.16	0.018	0.04	<0.1	0.4	<0.02	0.02	25	0.2	<0.02	1.0
Y647869	AH Soil	10.3	13.1	0.15	261.0	0.030	<20	1.35	0.027	0.10	<0.1	2.9	0.06	0.04	66	0.3	<0.02	3.4
Y647870	AH Soil	17.8	9.5	0.13	297.9	0.028	<20	0.57	0.026	0.07	<0.1	1.8	0.02	0.12	120	0.8	<0.02	1.5
Y647871	AH Soil	16.0	15.2	0.09	303.0	0.032	<20	0.72	0.019	0.04	0.2	2.4	0.03	0.12	94	1.0	0.06	3.0
Y647872	AH Soil	8.8	7.3	0.12	116.0	0.042	<20	0.40	0.028	0.02	<0.1	1.2	0.03	0.05	31	0.4	<0.02	1.3
Y647873	AH Soil	32.6	16.5	0.14	252.0	0.031	<20	1.37	0.021	0.07	<0.1	2.6	0.05	0.15	87	1.1	0.07	3.1
Y647874	AH Soil	11.0	13.3	0.19	246.0	0.032	<20	1.00	0.030	0.06	<0.1	1.4	0.06	0.06	36	0.4	0.03	3.3
Y647875	AH Soil	22.3	13.5	0.10	512.2	0.020	<20	0.76	0.016	0.03	<0.1	1.7	0.05	0.15	97	0.9	0.36	2.6
Y647876	AH Soil	29.2	13.3	0.12	495.7	0.019	<20	0.79	0.016	0.03	<0.1	0.9	0.04	0.32	108	0.8	0.05	2.2
Y647877	AH Soil	10.5	9.6	0.18	247.2	0.031	<20	0.67	0.028	0.06	<0.1	1.3	0.05	0.08	55	0.3	0.04	2.0
Y647878	AH Soil	22.0	27.6	0.39	619.2	0.055	<20	1.51	0.014	0.15	0.1	3.8	0.18	0.15	138	0.8	0.09	3.8
Y647879	AH Soil	26.0	18.6	0.18	331.9	0.038	<20	1.20	0.016	0.06	<0.1	2.4	0.11	0.14	105	0.9	0.07	4.4
Y647880	AH Soil	14.8	19.4	0.23	366.1	0.031	<20	1.21	0.015	0.05	<0.1	1.8	0.09	0.27	101	0.9	0.02	3.0

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	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
Y647881	AH Soil	2.14	41.15	5.03	155.6	1152	23.2	71.5	>10000	4.74	12.4	0.9	2.6	0.6	84.6	2.55	0.59	0.07	57	0.94	0.153
Y647882	AH Soil	1.16	29.56	2.31	29.8	348	8.7	5.5	1543	1.20	2.4	0.5	1.1	0.2	88.0	0.72	0.32	0.04	34	0.95	0.131
Y647883	AH Soil	0.33	23.96	0.74	13.9	68	3.8	2.2	230	0.98	0.8	0.2	1.0	0.1	69.8	0.29	0.23	<0.02	15	0.62	0.147
Y647884	AH Soil	0.64	16.42	3.31	31.3	91	8.0	8.1	295	3.33	5.9	0.4	0.8	0.5	55.5	0.11	0.18	0.05	72	0.49	0.097
Y647885	AH Soil	3.21	16.51	6.06	46.7	328	5.4	2.1	113	0.98	3.4	0.2	1.0	<0.1	21.7	0.48	0.54	0.10	19	0.15	0.119
Y647886	AH Soil	3.80	40.06	13.63	25.0	576	8.2	3.3	71	2.19	6.6	1.2	22.9	0.4	40.1	0.35	0.87	0.22	17	0.17	0.139
Y647887	AH Soil	3.41	33.97	11.16	21.6	409	6.4	20.1	1334	2.50	5.2	1.1	6.5	0.1	36.5	0.64	0.62	0.13	31	0.25	0.137
Y647888	AH Soil	8.10	34.43	13.05	26.8	746	8.0	207.6	7641	2.37	3.6	1.3	8.4	0.2	45.2	1.30	0.66	0.09	22	0.29	0.179
Y647889	AH Soil	4.16	46.94	4.67	42.1	359	13.4	101.6	>10000	3.20	3.5	1.2	6.8	0.1	60.1	3.95	0.73	0.05	23	0.77	0.137
Y647890	AH Soil	19.55	36.41	7.75	51.2	282	9.1	9.3	1581	1.22	1.3	0.7	6.5	0.1	45.4	0.90	0.39	0.10	23	0.50	0.150
Y647891	AH Soil	2.92	54.35	3.13	142.3	297	18.1	18.2	>10000	1.36	1.2	0.5	5.0	0.3	147.3	2.09	0.48	0.04	12	2.22	0.189
Y647892	AH Soil	2.63	113.23	4.82	16.8	377	11.6	91.9	8383	5.65	6.6	0.9	6.8	0.2	46.4	0.38	0.42	0.14	80	0.37	0.175
Y647893	AH Soil	2.66	51.89	7.11	40.4	1243	8.5	89.0	>10000	2.09	2.8	1.9	43.1	0.3	36.6	1.32	0.31	0.20	25	0.31	0.183
Y647894	AH Soil	0.92	30.53	3.42	31.5	613	6.4	3.0	132	1.07	1.3	1.1	8.2	0.1	35.4	0.45	0.16	0.07	19	0.35	0.117
Y647895	AH Soil	1.24	44.85	15.12	49.7	1039	11.8	4.1	320	1.41	2.4	1.5	6.4	<0.1	50.4	1.24	0.20	0.08	26	0.46	0.130
Y647896	AH Soil	1.01	56.68	4.19	39.5	599	14.6	6.1	1484	0.98	0.9	0.9	4.9	<0.1	55.8	1.70	0.18	0.03	27	0.45	0.105
Y647897	AH Soil	1.23	60.76	5.06	101.3	672	17.6	7.9	3733	0.98	1.3	1.1	8.7	0.3	108.8	4.43	0.39	0.08	17	0.98	0.149

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Bureau Veritas Commodities Canada Ltd.

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

Client: **Mann & Hulstein Prosepctors**
Whitehorse Yukon Canada

Project: TAUT
Report Date: September 07, 2021

CERTIFICATE OF ANALYSIS WHI21000268.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Y647881	AH Soil	30.8	18.2	0.14	1168.6	0.023	<20	0.95	0.015	0.04	<0.1	3.8	0.11	0.21	98	1.3	0.05	1.9
Y647882	AH Soil	15.7	11.6	0.12	251.1	0.022	<20	0.85	0.017	0.03	<0.1	1.3	0.08	0.15	66	0.8	<0.02	1.7
Y647883	AH Soil	5.0	6.5	0.10	80.7	0.018	<20	0.44	0.014	0.04	<0.1	1.0	0.05	0.13	88	0.6	<0.02	0.7
Y647884	AH Soil	7.5	15.9	0.33	121.2	0.048	<20	1.25	0.021	0.04	<0.1	2.7	0.05	0.08	69	0.5	<0.02	3.9
Y647885	AH Soil	2.8	6.8	0.07	196.9	0.017	<20	0.26	0.014	0.14	<0.1	0.4	0.03	0.13	100	0.5	0.05	1.7
Y647886	AH Soil	11.4	13.8	0.12	700.4	0.022	<20	0.86	0.010	0.10	<0.1	1.9	0.14	0.29	160	1.4	0.18	2.2
Y647887	AH Soil	11.3	9.7	0.11	168.6	0.021	<20	0.82	0.013	0.05	<0.1	1.0	0.12	0.17	118	0.8	0.12	2.3
Y647888	AH Soil	12.5	15.4	0.10	373.6	0.016	<20	0.84	0.009	0.05	<0.1	1.4	0.26	0.20	166	1.0	0.14	2.3
Y647889	AH Soil	17.3	11.1	0.07	947.4	0.009	<20	1.48	0.007	0.05	<0.1	1.5	0.25	0.21	105	1.0	0.27	2.4
Y647890	AH Soil	11.6	12.1	0.25	272.4	0.024	<20	1.03	0.014	0.08	<0.1	1.1	0.12	0.14	81	1.5	0.05	3.0
Y647891	AH Soil	12.1	10.1	0.16	816.6	0.014	<20	0.75	0.007	0.04	<0.1	1.2	0.09	0.22	115	1.0	0.10	1.5
Y647892	AH Soil	16.1	14.5	0.10	326.0	0.016	<20	0.91	0.013	0.03	<0.1	1.3	0.07	0.16	121	1.4	0.21	3.9
Y647893	AH Soil	13.8	21.3	0.11	340.1	0.015	<20	1.07	0.012	0.03	<0.1	1.7	0.30	0.18	146	1.3	0.39	2.8
Y647894	AH Soil	10.5	11.8	0.14	128.3	0.014	<20	0.72	0.011	0.03	<0.1	1.2	0.06	0.15	99	0.7	0.12	1.8
Y647895	AH Soil	15.6	14.8	0.18	212.8	0.017	<20	0.98	0.012	0.05	<0.1	1.0	0.07	0.16	113	0.8	0.08	3.0
Y647896	AH Soil	24.9	8.0	0.10	259.2	0.020	<20	0.45	0.015	0.03	<0.1	0.9	0.04	0.12	90	0.6	0.05	1.6
Y647897	AH Soil	89.1	12.9	0.19	716.8	0.018	<20	0.79	0.014	0.04	<0.1	2.9	0.07	0.18	160	1.3	0.12	2.3

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Client: **Mann & Hulstein Prosepctors**
Whitehorse Yukon Canada

Project: TAUT

Report Date: September 07, 2021

QUALITY CONTROL REPORT WHI21000268.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
Pulp Duplicates																					
Y647859	AH Soil	1.17	33.66	6.20	17.1	843	5.5	2.4	103	0.71	0.8	1.4	15.0	<0.1	31.1	0.56	0.24	0.07	17	0.25	0.153
REP Y647859	QC	1.18	34.79	6.33	19.0	843	5.7	2.5	99	0.74	0.5	1.5	13.8	<0.1	30.9	0.54	0.23	0.07	18	0.25	0.154
Y647893	AH Soil	2.66	51.89	7.11	40.4	1243	8.5	89.0	>10000	2.09	2.8	1.9	43.1	0.3	36.6	1.32	0.31	0.20	25	0.31	0.183
REP Y647893	QC	2.61	49.62	7.00	37.3	1235	8.0	87.7	>10000	2.06	2.8	1.7	40.3	0.3	36.4	1.20	0.29	0.19	25	0.30	0.181
Reference Materials																					
STD BVGEO01	Standard	10.73	4218.82	182.81	1675.8	2637	153.7	26.0	686	3.50	123.7	4.2	204.4	14.8	54.9	7.26	3.16	25.66	69	1.22	0.070
STD DS11	Standard	13.70	142.71	126.94	323.2	2032	80.7	15.0	988	2.91	45.9	2.6	53.9	7.2	57.6	2.48	7.85	11.71	45	0.97	0.068
STD OREAS262	Standard	0.66	115.60	55.84	147.9	445	67.8	30.0	513	3.06	36.7	1.1	56.1	9.0	34.0	0.73	3.23	1.04	20	2.81	0.038
STD OREAS262	Standard	0.67	113.95	59.05	157.3	467	66.2	29.9	535	3.19	39.0	1.2	53.0	9.2	36.6	0.65	3.27	1.06	20	2.92	0.040
STD DS11 Expected		13.9	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	7.2	12.2	50	1.063	0.0701
STD BVGEO01 Expected		10.8	4415	187	1741	2530	163	25	733	3.7	121	3.77	219	14.4	55	6.5	2.2	25.6	73	1.3219	0.0727
STD OREAS262 Expected		0.68	118	56	154	450	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	3.39	1.03	22.5	2.98	0.04
BLK	Blank	<0.01	<0.01	0.06	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	2	<0.01	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001

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Client: **Mann & Hulstein Prosepctors**
Whitehorse Yukon Canada

Project: TAUT

Report Date: September 07, 2021

QUALITY CONTROL REPORT WHI21000268.1

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Pulp Duplicates																		
Y647859	AH Soil	9.4	18.3	0.13	120.3	0.021	<20	1.01	0.008	0.05	<0.1	0.7	0.09	0.23	179	0.8	0.09	2.4
REP Y647859	QC	9.3	18.5	0.13	117.0	0.024	<20	1.00	0.012	0.05	<0.1	0.9	0.09	0.22	172	1.0	0.08	2.5
Y647893	AH Soil	13.8	21.3	0.11	340.1	0.015	<20	1.07	0.012	0.03	<0.1	1.7	0.30	0.18	146	1.3	0.39	2.8
REP Y647893	QC	12.8	19.2	0.11	299.3	0.015	<20	1.03	0.012	0.03	<0.1	1.6	0.29	0.18	145	1.3	0.38	2.8
Reference Materials																		
STD BVGEO01	Standard	28.7	165.7	1.22	331.3	0.248	<20	2.13	0.178	0.85	3.8	5.8	0.58	0.64	94	4.5	1.03	6.8
STD DS11	Standard	17.8	59.9	0.81	403.6	0.099	<20	1.04	0.064	0.37	2.4	3.1	4.50	0.27	220	1.9	4.22	4.4
STD OREAS262	Standard	17.2	45.0	1.11	231.0	0.004	<20	1.18	0.064	0.29	<0.1	3.4	0.43	0.25	148	0.5	0.22	3.5
STD OREAS262	Standard	17.3	47.7	1.15	248.1	0.003	<20	1.20	0.067	0.30	0.1	3.4	0.43	0.26	160	0.4	0.21	3.7
STD DS11 Expected		18.6	61.5	0.85	417	0.0976		1.129	0.0694	0.4	2.9	3.1	4.9	0.2835	260	2.2	4.56	4.7
STD BVGEO01 Expected		25.9	171	1.2963	340	0.233		2.347	0.1924	0.89	3.5	5.97	0.62	0.6655	100	4.84	1.02	7.37
STD OREAS262 Expected		15.9	41.7	1.17	248	0.003		1.3	0.071	0.312	0.13	3.24	0.47	0.269	170	0.4	0.23	3.9
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1

APPENDIX IV

Rock Assay Certificates

BUREAU VERITAS MINERAL LABORATORIES Canada

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

Client: **Mann & Hulstein Prosepctors**
Whitehorse Yukon Canada

Submitted By:	Bill Mann
Receiving Lab:	Canada-Whitehorse
Received:	July 26, 2021
Analysis Start:	August 13, 2021
Report Date:	August 26, 2021
Page:	1 of 2

CERTIFICATE OF ANALYSIS WHI21000266.1

CLIENT JOB INFORMATION

Project:	TAUT
Shipment ID:	
P.O. Number	
Number of Samples:	5

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
DISP-RJT	Dispose of Reject After 60 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	5	Crush, split and pulverize 250 g rock to 200 mesh			WHI
AQ201	5	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SHP01	5	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Mann & Hulstein Prosepctors
Whitehorse Yukon
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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.

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Client: **Mann & Hulstein Prosepctors**
Whitehorse Yukon Canada

Project: TAUT
Report Date: August 26, 2021

CERTIFICATE OF ANALYSIS WHI21000266.1

	Method	WGHT	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
I065720	Rock	0.46	154.0	1.8	6.6	4	0.3	0.9	0.3	50	0.58	1.8	0.1	2.5	0.3	3	0.2	0.5	0.3	2	<0.01
I065721	Rock	1.53	3.5	79.8	14.3	79	0.7	6.8	3.2	238	2.52	3.5	0.6	7.4	3.4	79	<0.1	0.3	0.5	44	0.34
I065722	Rock	0.78	0.6	6.2	16.2	81	0.8	7.4	10.3	516	3.36	16.6	0.5	65.7	2.3	55	<0.1	0.2	0.8	37	0.28
I065765	Rock	0.69	26.2	1.5	10.4	20	<0.1	0.9	1.3	455	0.82	1.5	0.3	1.4	1.4	58	<0.1	<0.1	0.3	6	1.43
I065766	Rock	1.62	0.3	4.6	6.9	79	0.3	9.2	8.8	543	2.54	12.9	0.6	25.0	2.4	193	0.8	0.2	0.5	46	0.53

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	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
I065720	Rock	0.001	<1	6	<0.01	24	<0.001	<1	0.03	0.002	0.02	0.8	0.11	<0.1	<0.1	<0.05	<1	<0.5	<0.2
I065721	Rock	0.073	10	35	0.59	541	0.070	<1	1.26	0.084	0.15	0.1	0.02	4.4	<0.1	0.42	5	<0.5	0.2
I065722	Rock	0.081	5	22	1.12	91	0.006	<1	1.90	0.060	0.07	<0.1	<0.01	2.9	<0.1	1.50	6	<0.5	1.3
I065765	Rock	0.012	5	4	0.08	50	0.002	<1	0.26	0.060	0.10	0.2	0.06	1.3	<0.1	0.12	<1	<0.5	<0.2
I065766	Rock	0.081	9	24	1.29	246	0.042	<1	2.06	0.099	0.08	<0.1	<0.01	3.6	<0.1	0.67	7	<0.5	0.7

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QUALITY CONTROL REPORT WHI21000266.1

	Method	WGHT	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
Core Reject Duplicates																					
I065721	Rock	1.53	3.5	79.8	14.3	79	0.7	6.8	3.2	238	2.52	3.5	0.6	7.4	3.4	79	<0.1	0.3	0.5	44	0.34
DUP I065721	QC		3.4	74.4	12.8	76	0.7	6.0	2.9	222	2.31	2.8	0.6	9.4	3.3	74	<0.1	0.3	0.5	41	0.31
Reference Materials																					
STD DS11	Standard		14.5	144.4	139.1	341	1.7	79.8	13.6	1023	3.13	44.8	2.7	62.4	8.1	72	2.3	9.2	12.4	49	1.08
STD OREAS262	Standard		0.7	116.0	58.9	157	0.5	65.9	27.5	554	3.30	37.1	1.3	73.2	10.3	38	0.7	6.1	1.0	23	2.97
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	<0.1	<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
Prep Wash																					
ROCK-WHI	Prep Blank		0.6	1.9	1.9	28	<0.1	0.9	3.2	445	1.75	3.1	0.5	<0.5	2.6	25	<0.1	0.2	<0.1	23	0.56

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PHONE (604) 253-3158

Client: **Mann & Hulstein Prosepctors**
Whitehorse Yukon Canada

Project: TAUT

Report Date: August 26, 2021

QUALITY CONTROL REPORT WHI21000266.1

	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
Core Reject Duplicates																			
I065721	Rock	0.073	10	35	0.59	541	0.070	<1	1.26	0.084	0.15	0.1	0.02	4.4	<0.1	0.42	5	<0.5	0.2
DUP I065721	QC	0.071	9	32	0.55	494	0.059	<1	1.16	0.077	0.14	<0.1	<0.01	4.2	<0.1	0.38	5	<0.5	0.3
Reference Materials																			
STD DS11	Standard	0.071	20	58	0.85	407	0.097	4	1.18	0.073	0.40	3.0	0.26	3.1	4.9	0.28	5	1.3	4.7
STD OREAS262	Standard	0.040	20	44	1.19	266	0.003	3	1.48	0.068	0.33	0.2	0.17	3.4	0.5	0.26	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	0.040	7	4	0.42	66	0.091	<1	0.84	0.111	0.11	0.3	0.01	2.6	<0.1	<0.05	4	<0.5	<0.2

APPENDIX V

BC Horizon Soil Sample Locations
&
Descriptions

																Method	AQ201
	Taut 2021 B-C Horizon Soil Samples															Analyte	Mo
	All coordinates; Grid: UTM, Datum: NAD 83 Zone 8V															Unit	PPM
Sample#	Date	Time	Grid	Datum	Zone	V	East	North	Elev	m	Sampler	Depth-cm	Color	Quality	Description	Type/MDL	0.1
72810	7/16/2021	12:39:19	UTM	NAD83	8	V	405697	6848503	1455	m	WDM	15	red-brown	mod	B/C, angular rock	Soil	1.3
72811	7/16/2021	12:59:00	UTM	NAD83	8	V	405750	6848505	1446	m	WDM	20	orange-brown	mod	B/C, saturated	Soil	1
72812	7/16/2021	1:10:38	UTM	NAD83	8	V	405797	6848499	1438	m	WDM	25	orange-brown	mod	B/C, pond bottom	Soil	6.6
72813	7/16/2021	1:30:09	UTM	NAD83	8	V	405863	6848504	1427	m	WDM	20	orange-brown	poor	B/C	Soil	4.5
72814	7/16/2021	1:41:28	UTM	NAD83	8	V	405903	6848498	1425	m	WDM	25	orange-brown	good	B/C, from bottom of 50cm deep pond	Soil	17
72815	7/16/2021	1:52:06	UTM	NAD83	8	V	405947	6848500	1423	m	WDM	40	orange-brown	good	B/C, gritty, from frost boil	Soil	3.2
72816	7/16/2021	2:37:01	UTM	NAD83	8	V	406067	6848500	1420	m	WDM	20	grey-brown	mod	gritty	Soil	1.1
72817	7/16/2021	2:52:31	UTM	NAD83	8	V	406101	6848501	1420	m	WDM	25	orange-brown	poor	B/C, rocky	Soil	0.3
72818	7/16/2021	3:06:43	UTM	NAD83	8	V	406150	6848500	1419	m	WDM	35	grey-brown	good	gritty	Soil	0.5
72819	7/16/2021	3:16:44	UTM	NAD83	8	V	406199	6848499	1419	m	WDM	25	grey-brown	mod	dry, rocky	Soil	1.7
72820	7/16/2021	3:27:35	UTM	NAD83	8	V	406249	6848496	1417	m	WDM	30	orange-brown	good	B/C, pond bottom, saturated, gritty	Soil	1.6
72821	7/16/2021	3:47:14	UTM	NAD83	8	V	406302	6848499	1416	m	WDM	30	grey-brown	mod	rocky, diluted w/ ash & loess	Soil	0.7
72822	7/16/2021	4:13:36	UTM	NAD83	8	V	406349	6848505	1410	m	WDM	30	grey-brown	good	rocky	Soil	1.5
72823	7/16/2021	4:26:10	UTM	NAD83	8	V	406402	6848502	1408	m	WDM	25	orange-brown	good	B/C, rocky	Soil	1.9
72824	7/16/2021	4:37:27	UTM	NAD83	8	V	406450	6848501	1409	m	WDM	25	orange-brown	mod	B/C, saturate, rocky	Soil	0.5
72825	7/16/2021	4:51:05	UTM	NAD83	8	V	406505	6848499	1408	m	WDM	25	orange-brown	good	B/C, rocky	Soil	1.5
72826	7/16/2021	5:03:33	UTM	NAD83	8	V	406551	6848500	1406	m	WDM	40	orange-brown	good	B/C, rocky	Soil	4.2
72827	7/16/2021	5:14:19	UTM	NAD83	8	V	406599	6848498	1405	m	WDM	40	orange-brown	good	B/C, rocky	Soil	2.1
72828	7/16/2021	5:23:53	UTM	NAD83	8	V	406652	6848497	1404	m	WDM	35	orange-brown	good	B/C, rocky, saturated	Soil	2.6
72829	7/17/2021	10:18:22	UTM	NAD83	8	V	406130	6846651	1396	m	WDM	30	tan	good	dry, rocky	Soil	0.7
72830	7/17/2021	10:35:02	UTM	NAD83	8	V	406274	6846473	1379	m	WDM	30	tan	good	dry, rocky	Soil	0.7
72831	7/17/2021	11:05:15	UTM	NAD83	8	V	406483	6845828	1320	m	WDM	35	brown	good	dry, rocky & sandy	Soil	1.4
72832	7/17/2021	11:27:06	UTM	NAD83	8	V	406598	6845578	1281	m	WDM	40	tan	good	dry, rocky	Soil	2.1
72833	7/17/2021	12:23:18	UTM	NAD83	8	V	406180	6845413	1167	m	WDM	5	grey-brown	good	Silt from dry creek bed, steep, granodiorite boulders	Soil	0.6
72834	7/17/2021	12:40:37	UTM	NAD83	8	V	406073	6845389	1173	m	WDM	10	grey-brown	good	talus fines	Soil	0.4
72835	7/17/2021	2:29:52	UTM	NAD83	8	V	405855	6845794	1358	m	WDM	40	orange-brown	good	dry	Soil	0.7
72836	7/17/2021	2:40:25	UTM	NAD83	8	V	405722	6845989	1373	m	WDM	40	orange-brown	good	grus, dry	Soil	0.5
72837	7/17/2021	2:54:58	UTM	NAD83	8	V	405681	6846291	1390	m	WDM	40	grey-brown	good	gritty "C" w/ black mica, beneath org-brn "B"	Soil	0.3
72838	7/17/2021	4:03:34	UTM	NAD83	8	V	406434	6846682	1438	m	WDM	40	tan	good	B/C, loamy (loess dilution)	Soil	0.7
72839	7/17/2021	4:19:46	UTM	NAD83	8	V	406320	6846647	1428	m	WDM	40	tan	good	grus w/ loess	Soil	0.5
72840	7/18/2021	9:53:44	UTM	NAD83	8	V	405998	6848199	1491	m	WDM	10	tan	good	ridge crest, well-drained, rocky, some loess	Soil	0.6
72841	7/18/2021	10:16:45	UTM	NAD83	8	V	405986	6848298	1469	m	WDM	25	brown	good	B/C, rocky talus	Soil	1.1
72842	7/18/2021	10:29:15	UTM	NAD83	8	V	405999	6848397	1440	m	WDM	25	tan	good	mod slope	Soil	1.3
72843	7/18/2021		UTM	NAD83	8	V	405997	6849003	1362	m	WDM	35	brown	mod	~25m E of DDH, "C" w/ boulders & cobbles	Soil	8.8
72844	7/18/2021	12:30:39	UTM	NAD83	8	V	405992	6849103	1354	m	WDM	25	orange-brown	good	cryoturbated "B" w/ ash dilution	Soil	6.7

	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM
Sample#	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	1
72810	21.8	33.6	110	0.6	10.8	7.1	400	2.73	10.4	0.4	20.5	1.4	17	0.6	0.4	0.3	46	0.19	0.057	10
72811	22.7	13.6	79	0.5	6.6	7.9	514	1.87	5	0.5	12	1	18	1	0.6	0.2	37	0.18	0.049	9
72812	104.9	238.7	239	1.2	11.9	16.4	1775	4.88	21.5	1.6	48.2	1.6	18	0.8	2.6	0.9	51	0.17	0.105	13
72813	50.9	36.8	87	0.5	11	9	254	3.58	12.7	1.3	17.4	4.9	17	1	0.8	0.3	61	0.22	0.075	27
72814	57.8	81.6	102	2	10	21.4	1339	13.68	15.7	1.4	27.5	4.4	23	1.3	1.6	0.3	37	0.28	0.101	19
72815	66.2	27.4	169	0.4	26.4	13.2	411	4.54	6.4	1	21.7	11	21	0.4	0.5	0.3	65	0.34	0.082	29
72816	39.3	43.4	129	0.6	11	8.1	439	3.83	9.1	0.9	201	6	31	0.4	0.8	0.7	64	0.29	0.086	20
72817	12.6	3.6	31	0.2	2.8	15.5	911	1.3	1	0.2	5.6	1	20	0.3	0.1	<0.1	30	0.26	0.096	7
72818	14.5	10.8	49	0.4	3.9	2.4	138	0.81	1.7	0.4	11.9	1	16	0.2	0.2	0.2	16	0.25	0.07	6
72819	34.9	29.1	185	0.2	15.3	13.4	941	3.48	6.9	0.5	32.3	2.7	42	0.8	0.5	0.6	61	0.74	0.063	11
72820	24.8	27.7	128	0.2	11.7	12.1	558	6.55	10	0.7	11.5	3.8	21	0.7	0.6	0.1	70	0.4	0.104	17
72821	8.7	5.1	22	0.2	2.6	16.1	947	0.93	1.9	0.2	3.5	0.4	12	0.3	<0.1	<0.1	22	0.15	0.062	4
72822	29.6	16	152	0.3	15.2	17.3	1189	3.2	6.8	0.5	26.1	1.7	25	1.3	0.3	0.2	63	0.33	0.087	12
72823	17.5	8.8	53	0.2	7.3	8.7	328	3.3	4.5	0.3	9.1	1.4	23	0.4	0.2	0.1	66	0.32	0.091	8
72824	33.2	2.9	19	0.2	2.4	4.6	747	2.64	2.7	0.3	5.8	0.6	17	0.3	0.1	<0.1	61	0.27	0.078	6
72825	23.9	9.4	88	<0.1	8.6	9.1	580	3.29	4.3	0.3	8.6	2.2	22	0.2	0.2	0.2	77	0.29	0.085	9
72826	35.1	20.1	101	0.3	9.8	9.3	410	5.77	8.5	0.6	14.5	3	30	0.3	0.3	0.2	65	0.35	0.116	19
72827	29.5	29.2	85	0.2	14.4	8.4	411	3.28	5.2	0.5	6	3.3	47	0.3	0.3	0.1	68	0.37	0.064	14
72828	24	19.5	103	0.2	15.1	7.3	455	3.38	4.4	0.6	28.5	4.7	42	0.5	0.2	0.3	71	0.42	0.055	18
72829	17.5	24.6	72	<0.1	18.2	9.3	289	2.57	6.4	0.6	5.7	3.8	16	0.3	0.4	0.1	65	0.17	0.029	10
72830	16.3	11.3	66	<0.1	17.5	8.2	283	2.78	6.6	0.4	1.1	2.8	15	0.3	0.3	0.1	63	0.17	0.043	8
72831	12.6	6.8	119	<0.1	14.3	14.4	549	4.76	6	0.5	<0.5	4.2	22	<0.1	0.2	<0.1	116	0.4	0.129	9
72832	73.6	7.4	104	<0.1	22.3	14.2	464	4.19	8.2	0.4	1.6	3.5	29	0.1	0.3	<0.1	100	0.37	0.095	11
72833	24	4.6	158	<0.1	11.2	7.7	458	2.7	3.3	0.7	<0.5	1.5	82	0.7	0.1	<0.1	70	1.04	0.208	26
72834	6.5	15	71	<0.1	5	5.1	1173	2.28	7.5	0.5	0.6	5.5	27	<0.1	0.1	0.1	31	0.48	0.033	21
72835	10.5	7.2	138	<0.1	18.4	14.3	671	5.07	7.6	0.9	0.7	4.9	28	0.1	0.3	0.2	104	0.44	0.115	11
72836	10.9	2.9	136	<0.1	23.5	23.6	1043	6.55	2	0.8	<0.5	6	46	0.1	0.2	<0.1	155	1.05	0.325	27
72837	13.9	4	84	<0.1	15.9	15.2	635	3.63	2.6	0.4	0.7	5.4	36	<0.1	0.1	<0.1	101	0.71	0.192	32
72838	23	12	105	<0.1	25.6	12	427	3.33	8	0.6	1.6	3.4	16	0.5	0.4	0.1	75	0.19	0.027	11
72839	15.8	16	86	<0.1	19.9	9.8	359	2.76	6.7	0.6	1.2	3.5	15	0.5	0.4	<0.1	64	0.17	0.034	12
72840	22.9	16.1	78	0.2	21.5	11.6	608	3.42	8.2	0.5	2.4	2.6	18	0.2	0.4	0.1	77	0.21	0.05	13
72841	49.4	80.5	204	1.3	20.9	16.6	892	4.43	17.6	1	44.4	5.3	25	1.1	0.7	2.3	66	0.39	0.103	23
72842	47.2	44.6	184	1.1	26.4	12.7	590	4.95	12.5	1.1	29.1	8.6	38	0.5	0.6	0.6	78	0.75	0.091	33
72843	36.4	14.4	55	0.3	11.3	5.7	147	2.1	5.2	0.8	10.9	1.6	32	0.2	0.3	0.2	53	0.24	0.099	13
72844	95.7	11.6	54	0.2	9.5	6.5	218	2.28	4	0.9	16.7	3.3	30	0.2	0.3	0.2	52	0.24	0.075	13

	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
	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	
Sample#	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	Certificate
72810	20	0.36	130	0.028	<1	1.74	0.016	0.06	0.1	0.05	2.9	0.1	<0.05	6	<0.5	0.3	WHI21000267.1
72811	12	0.25	141	0.046	1	0.85	0.033	0.08	<0.1	0.04	1.9	0.1	<0.05	4	<0.5	<0.2	WHI21000267.1
72812	23	0.42	171	0.031	<1	1.57	0.017	0.06	<0.1	0.14	3.9	0.1	0.07	6	1.2	1	WHI21000267.1
72813	23	0.42	124	0.07	<1	1.32	0.019	0.11	<0.1	0.07	3.8	0.1	<0.05	5	0.5	0.3	WHI21000267.1
72814	19	0.22	198	0.023	<1	1.06	0.015	0.05	0.1	0.18	4.5	<0.1	0.08	3	1	0.5	WHI21000267.1
72815	41	0.8	175	0.115	<1	2.3	0.014	0.26	<0.1	0.07	7.4	0.2	<0.05	8	<0.5	0.4	WHI21000267.1
72816	25	0.86	181	0.05	<1	2.13	0.015	0.11	<0.1	0.02	5.6	0.1	0.06	7	0.5	0.6	WHI21000267.1
72817	5	0.15	102	0.059	<1	0.39	0.028	0.03	<0.1	0.02	1.1	<0.1	0.07	2	<0.5	<0.2	WHI21000267.1
72818	7	0.23	114	0.026	<1	0.65	0.034	0.04	<0.1	0.02	1.7	<0.1	0.09	2	<0.5	<0.2	WHI21000267.1
72819	26	0.73	188	0.074	2	1.47	0.017	0.14	<0.1	0.04	4.3	<0.1	0.1	7	<0.5	0.7	WHI21000267.1
72820	24	0.78	195	0.052	<1	1.73	0.018	0.1	<0.1	0.02	5.6	<0.1	<0.05	6	<0.5	0.2	WHI21000267.1
72821	6	0.19	57	0.032	<1	0.47	0.033	0.02	<0.1	<0.01	1.1	<0.1	0.06	2	<0.5	<0.2	WHI21000267.1
72822	34	0.8	220	0.059	1	2.13	0.016	0.06	0.1	0.03	4.9	0.1	0.06	8	0.5	0.3	WHI21000267.1
72823	18	0.53	129	0.047	<1	1.34	0.02	0.04	<0.1	0.02	2.9	<0.1	0.06	6	<0.5	0.2	WHI21000267.1
72824	7	0.16	63	0.031	<1	0.76	0.036	0.03	<0.1	0.02	1.6	<0.1	0.11	2	<0.5	<0.2	WHI21000267.1
72825	19	0.86	163	0.082	<1	2.03	0.025	0.12	<0.1	0.01	4.8	0.1	<0.05	7	<0.5	0.3	WHI21000267.1
72826	22	0.91	211	0.015	<1	2.03	0.014	0.07	<0.1	0.04	5.5	<0.1	<0.05	7	0.8	0.2	WHI21000267.1
72827	32	0.82	227	0.074	<1	2.03	0.024	0.1	<0.1	0.01	5.8	0.1	0.07	7	<0.5	<0.2	WHI21000267.1
72828	37	1.07	329	0.055	<1	2.34	0.02	0.11	<0.1	0.02	6.7	0.1	0.09	7	0.7	<0.2	WHI21000267.1
72829	31	0.51	135	0.092	1	2.01	0.011	0.09	0.1	0.2	4.3	0.1	<0.05	6	<0.5	<0.2	WHI21000267.1
72830	26	0.47	287	0.087	1	2.09	0.012	0.11	0.3	0.15	4	<0.1	0.07	6	<0.5	<0.2	WHI21000267.1
72831	29	1.24	189	0.2	<1	2.82	0.013	0.51	<0.1	0.02	8.1	0.3	<0.05	11	<0.5	<0.2	WHI21000267.1
72832	46	1.16	176	0.182	<1	3.03	0.016	0.37	0.1	0.01	6.3	0.2	0.1	10	<0.5	<0.2	WHI21000267.1
72833	22	0.58	277	0.091	3	1.45	0.018	0.26	<0.1	0.03	3.5	0.1	0.16	6	0.6	<0.2	WHI21000267.1
72834	8	0.38	195	0.046	<1	1.56	0.011	0.25	<0.1	0.01	4.1	0.2	0.08	6	<0.5	<0.2	WHI21000267.1
72835	46	1.08	158	0.135	1	3.33	0.015	0.32	<0.1	0.01	10.3	0.3	<0.05	13	<0.5	<0.2	WHI21000267.1
72836	93	1.84	233	0.21	<1	3.55	0.023	0.85	<0.1	<0.01	13.1	0.4	<0.05	15	<0.5	<0.2	WHI21000267.1
72837	32	1.34	355	0.206	<1	2.37	0.018	0.53	<0.1	<0.01	5.3	0.3	<0.05	8	<0.5	<0.2	WHI21000267.1
72838	36	0.63	159	0.107	2	2.46	0.012	0.1	0.1	0.05	5.4	0.1	0.09	7	<0.5	<0.2	WHI21000267.1
72839	30	0.49	178	0.105	2	2.02	0.011	0.09	0.2	0.18	4.8	<0.1	0.08	6	<0.5	<0.2	WHI21000267.1
72840	32	0.78	279	0.07	<1	2.93	0.015	0.1	<0.1	0.06	4.7	0.1	0.06	7	<0.5	<0.2	WHI21000267.1
72841	35	0.81	145	0.083	<1	1.98	0.015	0.12	<0.1	0.04	5.9	0.1	0.07	6	<0.5	1.3	WHI21000267.1
72842	48	1.17	293	0.127	<1	2.52	0.021	0.33	<0.1	0.06	9.4	0.2	0.1	9	<0.5	0.6	WHI21000267.1
72843	29	0.5	157	0.058	<1	1.9	0.014	0.09	<0.1	0.04	3.3	0.2	0.11	6	<0.5	<0.2	WHI21000267.1
72844	23	0.55	199	0.079	1	1.89	0.011	0.12	<0.1	0.04	4.3	0.2	<0.05	5	<0.5	<0.2	WHI21000267.1

																Method	AQ201
	Taut 2021 B-C Horizon Soil Samples															Analyte	Mo
	All coordinates; Grid: UTM, Datum: NAD 83 Zone 8V															Unit	PPM
Sample#	Date	Time	Grid	Datum	Zone	V	East	North	Elev	m	Sampler	Depth-cm	Color	Quality	Description	Type/MDL	0.1
72845	7/18/2021	12:42:05	UTM	NAD83	8	V	405999	6849202	1345	m	WDM	20	grey-brown	mod	"C" w/ ash, silt, sand & pebbles in pothole	Soil	5.9
72846	7/18/2021	1:03:29	UTM	NAD83	8	V	406000	6849301	1337	m	WDM	35	brown	good	"C" beneath 15cm ash	Soil	10.7
72847	7/18/2021	1:20:23	UTM	NAD83	8	V	406002	6849477	1332	m	WDM	25	tan	good	beneath 5cm orange "B" horizon	Soil	2.8
72848	7/18/2021	1:33:47	UTM	NAD83	8	V	405997	6849600	1346	m	WDM	25	orange-brown	good	mod slope, south-facing, well-drained "B" horizon	Soil	1.5
72849	7/18/2021	1:46:32	UTM	NAD83	8	V	406000	6849701	1356	m	WDM	15	orange-brown	good	mod slope, south-facing, well-drained "B" horizon, bare soil patch	Soil	2.8
72850	7/18/2021	4:31:52	UTM	NAD83	8	V	405461	6848833	1493	m	WDM	30	orange	good	rocky, dry, well-drained	Soil	4.7
72851	7/18/2021	4:40:44	UTM	NAD83	8	V	405470	6848775	1491	m	WDM	25	orange-brown	good	rocky	Soil	3.2
72852	7/20/2021	11:17:09	UTM	NAD83	8	V	405334	6850190	1423	m	WDM	35	orange	good	field duplicate of #1961135, rocky orange soil	Soil	9.8
72853	7/20/2021	11:30:49	UTM	NAD83	8	V	405348	6850145	1423	m	WDM	35	orange	good	sand- silt (grus), gentle slope, well-drained	Soil	6.5
72854	7/21/2021	10:33:04	UTM	NAD83	8	V	405458	6848767	1523	m	WDM	100	orange	good	Test pit 21-1, 1.0m deep, mid slope, silt-sand- pebble, "C"	Soil	1.3
72855	7/21/2021	11:42:52	UTM	NAD83	8	V	405498	6848709	1493	m	WDM	25	orange	good	ridge crest, well-drained, rocky, silt-sand, pyritic andesite	Soil	1.2
72856	7/21/2021	11:58:15	UTM	NAD83	8	V	405657	6848443	1475	m	WDM	30	brown	good	ridge crest, well-drained, rocky, silt-sand (grus)	Soil	1.9
Y647801	16-Jul-21	12:54:09PM	UTM	NAD83	8	V	406342	6848802	1369	m	RH	40	org-brn	mod	frost boil, limonite orange, granite and rare andesite float	Soil	11.2
Y647802	16-Jul-21	1:11:58PM	UTM	NAD83	8	V	406398	6848799	1359	m	RH	30	org-brn	mod	frost boil, andesite float, soil lenses are alluvial?	Soil	6.5
Y647803	16-Jul-21	1:24:44PM	UTM	NAD83	8	V	406453	6848810	1368	m	RH	25	grey-brn	mod	bog hole, in local drainage, ash and loess mixed with sandy -silt	Soil	3.4
Y647804	16-Jul-21	1:31:49PM	UTM	NAD83	8	V	406498	6848799	1374	m	RH	34	brown	mod	frost boil, sandy soil, ash-loess, andesite pebbles, looks alluvial	Soil	3.1
Y647805	16-Jul-21	1:48:31PM	UTM	NAD83	8	V	406552	6848802	1380	m	RH	30	brown	mod	Frost boil, sandy - silt, ash and loess. Andesite float	Soil	2.7
Y647806	16-Jul-21	1:59:53PM	UTM	NAD83	8	V	406599	6848805	1384	m	RH	30	org-brn	good	Frost boil, sandy-silt, minor ash loess, andesite pebbles	Soil	5.7
Y647807	16-Jul-21	2:16:57PM	UTM	NAD83	8	V	406649	6848798	1385	m	RH	50	brown	mod	frost boil, sandy soil, orange altered andesite pebbles, loess and ash	Soil	5.5
Y647808	16-Jul-21	2:28:38PM	UTM	NAD83	8	V	406695	6848797	1388	m	RH	25	brown	mod	frost boil, pebbles and boulders of andesite, some orange altered andesite, minor ash-loess.	Soil	8.2
Y647809	16-Jul-21	3:34:39PM	UTM	NAD83	8	V	406753	6848802	1377	m	RH	35	brown	mod	frost boil - pool, rocky, andesite amd granodiorite float, sandy pebble soil.	Soil	2.2
Y647810	16-Jul-21	3:49:39PM	UTM	NAD83	8	V	406799	6848797	1375	m	RH	30	org-brn	good	frost boil - pool, rocky, andesite amd granodiorite float, sandy pebble soil.	Soil	3.9

	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM
Sample#	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	1
72845	60.7	15.9	61	0.3	13.6	6.1	165	2.67	7	1	14.6	3	34	0.3	0.4	0.3	57	0.26	0.071	15
72846	39.9	12	45	<0.1	8.8	8.9	457	2.59	6.6	0.4	4.4	1	17	0.1	0.3	0.2	62	0.14	0.056	8
72847	67.3	26.2	114	0.3	13.5	14.8	823	4.97	9	1.1	18.5	7.5	81	0.4	0.3	0.5	72	0.25	0.099	23
72848	56.6	18.3	233	<0.1	16.4	24.7	1345	4.47	5.8	1	8.8	6.4	26	0.4	0.3	0.5	63	0.39	0.06	18
72849	41.3	14.7	173	0.2	27.2	18.5	878	4	8.8	0.8	5	5.5	22	0.8	0.4	0.4	76	0.26	0.07	13
72850	549.8	80.8	156	9.9	10.8	9.7	651	4.31	34.3	1.6	1018.2	2.7	155	0.4	23.5	19.4	49	0.54	0.097	12
72851	48.6	28.1	113	0.5	16	32.7	920	4.26	32	0.9	79.6	2.7	57	0.4	0.4	0.9	51	0.2	0.044	12
72852	114.6	46	140	0.9	10.5	7.6	395	5.43	12.6	1.1	98.4	6.9	125	0.4	0.8	1	58	0.16	0.11	13
72853	99	8.9	74	0.2	13	9.2	323	4.38	4	1.4	3.2	4.4	75	0.2	0.2	0.7	49	0.21	0.099	16
72854	46.7	23.5	85	0.2	11.8	20.4	696	4.17	18.7	0.6	45	2.7	104	0.4	0.3	0.7	41	0.19	0.069	10
72855	37	51.5	106	0.9	6.9	10.1	668	4.49	10.7	0.5	41.4	3	42	0.3	0.3	2.3	38	0.13	0.086	16
72856	25	109.8	176	0.9	11.4	10.4	993	3.07	15.2	0.7	28.2	2.7	12	0.6	1.2	0.5	41	0.09	0.05	14
Y647801	46.2	13.9	73	0.2	10.6	9.3	272	4.8	9.7	0.6	20.1	3.2	36	0.1	0.2	0.3	67	0.29	0.07	13
Y647802	45.8	9.8	54	0.2	9.7	5.5	295	5.6	3.6	0.5	22.3	2.3	66	0.2	0.2	0.3	85	0.19	0.071	12
Y647803	46.3	13.5	82	0.3	11	12.6	587	2.8	3.1	0.6	15.3	2.7	33	0.2	0.2	0.3	58	0.32	0.086	11
Y647804	67.8	6.1	83	0.2	15.8	15.1	812	3.54	3.2	0.3	26.5	2.1	31	0.2	0.1	0.2	79	0.41	0.076	8
Y647805	60	14	111	0.6	14.3	16.4	921	2.91	4.3	0.4	27.1	1.4	34	0.2	0.3	0.4	61	0.31	0.083	10
Y647806	56.4	8.6	82	0.1	8.6	6.6	298	2.75	2.2	0.3	23.2	3	29	0.3	0.2	0.2	59	0.28	0.065	11
Y647807	39.2	12.5	90	0.1	11.7	8	371	3.48	4	0.4	16.9	2.6	42	0.2	0.2	0.3	71	0.29	0.076	11
Y647808	43.7	15	97	0.3	10.8	9.6	307	4.1	4.5	0.6	15.5	3.2	49	0.3	0.3	0.2	57	0.27	0.086	18
Y647809	31.6	13.4	92	0.2	13.3	11.9	707	3.77	5.2	0.5	8	3.3	33	0.3	0.3	0.2	77	0.26	0.059	12
Y647810	24.4	17.4	84	0.1	10	7.4	295	3.97	6.1	0.6	6.4	6.4	24	<0.1	0.2	0.9	55	0.16	0.052	21

	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
	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	
Sample#	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	Certificate
72845	30	0.6	255	0.078	2	2.3	0.012	0.08	<0.1	0.06	5.1	0.1	<0.05	7	<0.5	<0.2	WHI21000267.1
72846	21	0.41	158	0.07	1	1.34	0.01	0.07	0.1	0.02	2.5	0.1	0.07	6	<0.5	<0.2	WHI21000267.1
72847	24	1.01	239	0.105	<1	2.51	0.052	0.44	0.1	<0.01	7.5	0.3	0.34	9	0.7	0.4	WHI21000267.1
72848	23	1.23	181	0.083	<1	3.45	0.008	0.3	<0.1	0.01	6.6	0.2	<0.05	9	<0.5	0.2	WHI21000267.1
72849	41	0.97	183	0.13	2	3	0.015	0.28	0.1	0.02	6.3	0.2	<0.05	8	<0.5	0.3	WHI21000267.1
72850	24	0.63	191	0.009	<1	2.25	0.027	0.06	<0.1	0.07	4	0.2	<0.05	6	0.6	3.8	WHI21000267.1
72851	28	0.73	155	0.039	<1	2.06	0.018	0.06	<0.1	0.02	4.2	0.1	<0.05	6	0.6	1.6	WHI21000267.1
72852	45	0.51	192	0.031	<1	1.53	0.044	0.18	<0.1	0.04	6.1	0.1	0.39	6	1.4	1.1	WHI21000267.1
72853	39	0.28	205	0.012	<1	1.03	0.04	0.09	<0.1	<0.01	8.9	<0.1	0.17	4	0.9	0.3	WHI21000267.1
72854	23	0.59	127	0.03	<1	1.71	0.019	0.05	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5	1.1	WHI21000267.1
72855	21	0.71	240	0.006	<1	1.69	0.038	0.06	<0.1	0.03	3.1	<0.1	0.16	5	1	1.8	WHI21000267.1
72856	19	0.35	133	0.024	<1	1.55	0.01	0.08	<0.1	0.05	3.3	0.2	<0.05	4	<0.5	0.7	WHI21000267.1
Y647801	29	0.92	176	0.036	<1	2.09	0.012	0.08	<0.1	0.03	5.5	0.2	<0.05	7	<0.5	0.3	WHI21000267.1
Y647802	37	1.2	279	0.079	<1	2.84	0.016	0.15	<0.1	0.04	9	0.2	0.06	9	<0.5	0.3	WHI21000267.1
Y647803	26	0.85	188	0.063	<1	2.04	0.017	0.09	<0.1	0.04	5.2	0.1	0.07	7	0.5	<0.2	WHI21000267.1
Y647804	41	1.16	183	0.11	<1	2.09	0.024	0.15	<0.1	0.01	5.9	0.1	<0.05	7	<0.5	<0.2	WHI21000267.1
Y647805	43	0.85	159	0.044	<1	1.87	0.016	0.06	<0.1	0.03	4.1	0.1	0.08	7	<0.5	0.3	WHI21000267.1
Y647806	24	0.91	125	0.055	<1	1.6	0.015	0.09	<0.1	<0.01	4.5	<0.1	<0.05	5	<0.5	<0.2	WHI21000267.1
Y647807	27	1.07	215	0.057	<1	2.53	0.02	0.12	<0.1	0.02	5.9	0.1	<0.05	8	<0.5	<0.2	WHI21000267.1
Y647808	26	0.87	231	0.041	<1	2.47	0.025	0.14	<0.1	0.02	5.4	0.1	0.13	7	0.9	0.2	WHI21000267.1
Y647809	33	1.01	240	0.11	<1	2.18	0.023	0.26	<0.1	0.02	6.9	0.1	0.17	8	<0.5	<0.2	WHI21000267.1
Y647810	23	0.67	160	0.109	<1	1.57	0.016	0.28	<0.1	0.02	6.7	0.2	0.12	5	<0.5	0.5	WHI21000267.1

																Method	AQ201
	Taut 2021 B-C Horizon Soil Samples															Analyte	Mo
	All coordinates; Grid: UTM, Datum: NAD 83 Zone 8V															Unit	PPM
Sample#	Date	Time	Grid	Datum	Zone	V	East	North	Elev	m	Sampler	Depth-cm	Color	Quality	Description	Type/MDL	0.1
Y647811	16-Jul-21	4:00:48PM	UTM	NAD83	8	V	406849	6848797	1377	m	RH	40	brown	good	frost boil - pool, rocky, andesite amd granodiorite float, sandy pebble soil. Looks alluvial.	Soil	1.7
Y647812	16-Jul-21	4:11:05PM	UTM	NAD83	8	V	406897	6848800	1377	m	RH	30	brown	good	frost boil - pool, rocky, andesite amd granodiorite float, sandy pebble soil. Looks alluvial.	Soil	2.2
Y647813	16-Jul-21	4:42:10PM	UTM	NAD83	8	V	406895	6848503	1400	m	RH	40	org-brn	good	frost boil - pool, rocky, andesite amd granodiorite float, sandy pebble soil. Looks alluvial.	Soil	2.8
Y647814	16-Jul-21	5:02:09PM	UTM	NAD83	8	V	406852	6848501	1402	m	RH	35	brown	mod	very rocky, andesite-granodiorite float, pebbles, minor sand -silt.	Soil	1.8
Y647815	16-Jul-21	5:15:26PM	UTM	NAD83	8	V	406804	6848503	1402	m	RH	35	brown	mod	very rocky, andesite-granodiorite float, pebbles- sand -silt mixed with loess.	Soil	1.9
Y647816	16-Jul-21	5:25:46PM	UTM	NAD83	8	V	406752	6848502	1405	m	RH	35	brown	mod	very rocky, andesite-granodiorite float, pebbles- sand -silt, possible loess.	Soil	2
Y647817	16-Jul-21	5:36:37PM	UTM	NAD83	8	V	406702	6848494	1406	m	RH	30	brown	mod	frost boil, mionr ash and loess, pebbles of andesite and granodiorite.	Soil	1.8
Y647818	19-Jul-21	9:52:58AM	UTM	NAD83	8	V	404662	6848626	1370	m	RH	40	dark brn	mod	talus of tan-orange biot grd.	Soil	1.7
Y647819	19-Jul-21	10:06:50AM	UTM	NAD83	8	V	404704	6848596	1376	m	RH	35	light brn	mod	sandy pebble soil, looks alluvial, float of tan-orange biot grd.	Soil	0.7
Y647820	19-Jul-21	10:20:42AM	UTM	NAD83	8	V	404750	6848568	1376	m	RH	40	brn	mod	brn sandy "B', float of tan-org biot grd	Soil	0.7
Y647821	19-Jul-21	10:37:40AM	UTM	NAD83	8	V	404789	6848539	1378	m	RH	40	brn	mod	sandy, rounded pebbles, fresh feld porphyry andesite float	Soil	0.9
Y647822	19-Jul-21	10:50:33AM	UTM	NAD83	8	V	404836	6848512	1383	m	RH	40	brn	mod	sandy - pebble soil, fresh andesite and org biot grd float	Soil	0.8
Y647823	19-Jul-21	11:11:32AM	UTM	NAD83	8	V	404877	6848486	1386	m	RH	40	dark brn	mod	sandy pebble soil, fresh andesite boulder float	Soil	1.7
Y647824	19-Jul-21	11:22:03AM	UTM	NAD83	8	V	404922	6848453	1385	m	RH	25	brn	mod	sandy pebble soil, orange biot grd float (no andesite).	Soil	I.S.
Y647825	19-Jul-21	11:33:36AM	UTM	NAD83	8	V	404957	6848424	1386	m	RH	30	brn	good	sandy - pebbles, loamy. Andesite and qtz porphyry float.	Soil	4.1
Y647826	19-Jul-21	11:42:38AM	UTM	NAD83	8	V	404999	6848397	1390	m	RH	30	brn	good	sandy - pebbles. Weakly chl and epidote altered Andesite and qtz porphyry float.	Soil	6
Y647827	19-Jul-21	11:55:25AM	UTM	NAD83	8	V	405042	6848369	1389	m	RH	30	brn	good	sandy - pebbles. Weakly chl and epidote altered Andesite and qtz porphyry float.	Soil	1.9

	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM
Sample#	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	1
Y647811	31.2	9	99	0.1	15	13.7	874	3.67	5.9	0.5	6.3	2.5	39	0.2	0.2	0.4	83	0.52	0.142	13
Y647812	46.4	19.4	119	0.2	12.4	43.3	3270	4.37	7.1	0.5	10.5	3.2	34	0.4	0.3	0.5	82	0.35	0.113	15
Y647813	31.7	11.5	59	0.2	12.6	9.4	749	3.26	4.8	0.6	45.6	2.6	57	<0.1	0.2	0.2	57	0.36	0.077	16
Y647814	33.4	10.4	73	<0.1	14.9	9.7	554	3.27	5	0.5	8.3	2.6	45	0.1	0.2	0.1	84	0.32	0.07	12
Y647815	45.1	13.9	89	0.1	12.4	13.8	871	3.47	6	0.4	19.2	2.4	38	0.3	0.3	0.2	82	0.36	0.068	11
Y647816	30.3	18.8	107	0.2	13.4	13	1045	3.49	6.3	0.5	8.8	2.1	31	0.3	0.3	0.2	86	0.34	0.055	11
Y647817	26.1	16.1	97	0.2	7.7	6.1	497	3.35	3.4	0.5	18.8	2.9	59	0.3	0.2	0.2	61	0.27	0.087	13
Y647818	31.2	14.2	113	0.1	20.3	7.4	405	2.81	6.9	1.4	2.9	2.8	36	0.2	0.3	0.1	56	0.43	0.067	19
Y647819	13.3	6.5	44	<0.1	8.6	5.4	282	1.64	3	0.4	0.9	1.2	25	0.1	0.1	<0.1	43	0.31	0.036	9
Y647820	12.9	8.3	39	<0.1	10.2	4.4	288	1.52	2.9	0.6	1.3	2.1	20	0.1	0.1	<0.1	39	0.3	0.036	12
Y647821	22.3	27.9	65	<0.1	16.4	8	498	2.62	6.5	0.6	2.9	2	35	0.2	0.3	0.1	55	0.46	0.043	14
Y647822	9.2	11	40	<0.1	8.9	4.1	187	2.33	7.6	0.4	1.2	2.3	18	<0.1	0.2	<0.1	47	0.32	0.053	12
Y647823	15.2	10.7	54	<0.1	9.5	4.6	264	2.05	4.6	0.4	1.2	1.8	26	0.2	0.2	0.1	47	0.4	0.057	12
Y647824	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Y647825	16.8	12.8	123	<0.1	13.5	9.2	598	2.3	6.1	0.5	8.3	2.4	22	0.6	0.3	0.1	50	0.3	0.069	10
Y647826	24.7	14.6	113	0.2	15.3	9.2	765	2.72	8.3	0.6	4.1	2.3	22	0.4	0.3	0.2	61	0.24	0.053	13
Y647827	25.7	15.8	86	0.1	16.9	13.1	1314	2.68	7.9	0.7	8.9	3.2	21	0.3	0.4	0.1	58	0.28	0.058	15

	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
	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	
Sample#	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	Certificate
Y647811	42	1.15	257	0.15	<1	2.22	0.019	0.31	<0.1	0.01	5.9	0.2	0.09	8	<0.5	0.4	WHI21000267.1
Y647812	28	0.82	264	0.092	<1	2.14	0.014	0.16	<0.1	0.02	5.7	0.2	0.08	9	<0.5	0.4	WHI21000267.1
Y647813	27	0.71	306	0.063	<1	1.74	0.035	0.12	0.1	0.02	4.4	0.1	0.15	6	<0.5	0.2	WHI21000267.1
Y647814	29	0.91	260	0.101	<1	1.97	0.024	0.11	<0.1	<0.01	6	<0.1	0.1	8	<0.5	<0.2	WHI21000267.1
Y647815	25	0.85	260	0.083	<1	1.54	0.025	0.09	<0.1	0.01	5.3	<0.1	0.09	6	<0.5	0.3	WHI21000267.1
Y647816	29	0.88	250	0.086	<1	1.96	0.021	0.09	0.1	0.03	5.7	<0.1	<0.05	8	<0.5	0.3	WHI21000267.1
Y647817	20	0.98	287	0.077	<1	1.82	0.043	0.18	<0.1	0.01	5.8	0.2	0.23	7	<0.5	0.2	WHI21000267.1
Y647818	37	0.63	512	0.052	<1	2.53	0.016	0.12	0.1	0.03	6.5	0.1	0.07	6	<0.5	<0.2	WHI21000267.1
Y647819	18	0.34	229	0.065	<1	0.98	0.017	0.08	<0.1	0.02	2.5	<0.1	0.06	4	<0.5	<0.2	WHI21000267.1
Y647820	23	0.41	181	0.058	<1	1.17	0.013	0.06	<0.1	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2	WHI21000267.1
Y647821	31	0.62	334	0.07	<1	1.78	0.017	0.11	0.1	0.01	4.8	<0.1	0.08	5	<0.5	<0.2	WHI21000267.1
Y647822	21	0.4	125	0.06	<1	1.12	0.012	0.07	<0.1	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2	WHI21000267.1
Y647823	22	0.41	238	0.054	<1	1.39	0.016	0.06	<0.1	0.02	3.3	<0.1	0.07	4	<0.5	<0.2	WHI21000267.1
Y647824	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	WHI21000267.1
Y647825	24	0.47	200	0.066	1	1.44	0.012	0.1	<0.1	0.01	3.7	<0.1	<0.05	5	<0.5	<0.2	WHI21000267.1
Y647826	28	0.48	260	0.074	2	1.73	0.011	0.11	0.1	0.02	4.6	<0.1	0.06	7	0.5	<0.2	WHI21000267.1
Y647827	29	0.52	204	0.076	<1	1.62	0.013	0.09	0.1	0.02	4.3	<0.1	0.07	5	<0.5	<0.2	WHI21000267.1

																Method	AQ201
	Taut 2021 B-C Horizon Soil Samples															Analyte	Mo
	All coordinates; Grid: UTM, Datum: NAD 83 Zone 8V															Unit	PPM
Sample#	Date	Time	Grid	Datum	Zone	V	East	North	Elev	m	Sampler	Depth-cm	Color	Quality	Description	Type/MDL	0.1
Y647828	19-Jul-21	12:08:07PM	UTM	NAD83	8	V	405087	6848341	1394	m	RH	30	brn	good	very sandy, quartz porphyry float	Soil	2.1
Y647829	19-Jul-21	12:36:41PM	UTM	NAD83	8	V	405126	6848313	1398	m	RH	25	brn	good	soliflucted - frost boil, sandy, qtz porphyry float	Soil	0.7
Y647830	19-Jul-21	12:46:02PM	UTM	NAD83	8	V	405161	6848280	1400	m	RH	35	brn	good	soliflucted - frost boil, sandy, qtz porphyry float	Soil	0.8
Y647831	19-Jul-21	12:56:47PM	UTM	NAD83	8	V	405207	6848257	1405	m	RH	25	brn	good	soliflucted - frost boil, very sandy, qtz porphyry float	Soil	0.8
Y647832	19-Jul-21	1:08:28PM	UTM	NAD83	8	V	405248	6848224	1406	m	RH	40	brn	good	soliflucted - frost boil, very sandy, qtz porphyry float	Soil	0.7
Y647833	19-Jul-21	1:17:11PM	UTM	NAD83	8	V	405291	6848196	1410	m	RH	35	brn	good	soliflucted - frost boil, very sandy, qtz porphyry float	Soil	0.8
Y647834	19-Jul-21	1:34:22PM	UTM	NAD83	8	V	405330	6848165	1413	m	RH	45	brn	good	soliflucted - frost boil, very sandy, qtz porphyry float	Soil	0.9
Y647835	19-Jul-21	1:45:16PM	UTM	NAD83	8	V	405367	6848139	1415	m	RH	25	org-brn	good	soliflucted - frost boil, very sandy, qtz porphyry float	Soil	1
Y647836	19-Jul-21	1:57:27PM	UTM	NAD83	8	V	405410	6848115	1421	m	RH	25	light brn	good	soliflucted - frost boil, very sandy, qtz porphyry float	Soil	0.8
Y647837	19-Jul-21	2:13:11PM	UTM	NAD83	8	V	405450	6848077	1426	m	RH	35	med brown	poor	very loamy, suspect high % loess, very blocky angular boulders of qtz porphyry float. Tough to get!	Soil	0.7
Y647838	19-Jul-21	2:22:57PM	UTM	NAD83	8	V	405500	6848058	1434	m	RH	30	med brown	mod	loamy, suspect loess, very blocky angular boulders of qtz porphyry float. Tough to get!	Soil	0.9
Y647839	19-Jul-21	2:35:20PM	UTM	NAD83	8	V	405539	6848024	1435	m	RH	35	med brown	mod	loamy, suspect loess, very blocky angular boulders of qtz porphyry float. Tough to get!	Soil	0.9
Y647840	19-Jul-21	2:52:27PM	UTM	NAD83	8	V	405577	6847991	1439	m	RH	35	dk brn	mod	loamy sany silt, angular float of qtz porphyry and dark grey fresh andesite.	Soil	1.3
Y647841	19-Jul-21	3:15:54PM	UTM	NAD83	8	V	405704	6847900	1455	m	RH	35	brn	mod	loamy sandy silt, angular scree of mostly small (<10 cm) pieces of fresh grey andesite	Soil	0.8
Y647842	19-Jul-21	3:25:44PM	UTM	NAD83	8	V	405751	6847874	1453	m	RH	30	brn	mod	loamy sandy silt, angular scree of mostly small (<10 cm) pieces of fresh grey andesite	Soil	0.6
Y647843	19-Jul-21	3:34:35PM	UTM	NAD83	8	V	405805	6847845	1448	m	RH	30	brn	mod	loamy sandy silt, angular scree of mostly small (<10 cm) pieces of fresh grey andesite	Soil	0.8

	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM
Sample#	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	1
Y647828	30.6	31.7	124	0.4	22.1	12.6	725	3.28	12.4	0.7	9.2	3.5	26	0.4	0.4	0.3	77	0.31	0.047	16
Y647829	17.7	18.6	81	0.2	12.3	8.3	698	2.13	6.8	0.6	14.6	3.8	21	0.4	0.4	0.2	49	0.32	0.078	15
Y647830	17.3	16.3	96	0.2	12.6	7.4	721	2.08	6	0.4	7.1	3.1	19	0.4	0.3	0.1	47	0.3	0.078	12
Y647831	18.8	19.4	98	0.1	13.5	7.6	543	2.25	6.7	0.5	8.1	3.4	19	0.4	0.3	0.1	52	0.28	0.056	12
Y647832	15.5	24.5	94	0.1	13.4	8.7	580	2.32	7.4	0.4	5.7	3.1	22	0.2	0.3	0.1	56	0.29	0.052	11
Y647833	23.4	24.5	178	0.1	21.3	11.6	816	3.02	11.3	0.5	8.4	3.6	27	0.6	0.5	0.1	68	0.42	0.087	12
Y647834	22.2	25.7	160	0.4	12.3	6.2	751	2.13	9.4	0.6	23.1	2.7	22	0.5	0.8	0.1	52	0.32	0.07	12
Y647835	21.3	31.1	148	0.3	17.7	11.8	632	3.02	10.9	0.6	6.5	3.4	21	0.9	0.5	0.1	71	0.28	0.06	13
Y647836	20.6	37.8	166	<0.1	22.5	13	756	3.24	12.4	0.5	3.7	3.7	31	0.5	0.5	0.1	70	0.36	0.053	12
Y647837	16.8	25.7	92	0.2	16.5	9.4	663	2.48	7.3	0.4	1.8	2	24	0.3	0.3	<0.1	57	0.29	0.065	8
Y647838	15.2	25.5	90	0.2	16.8	9.1	409	2.99	7.4	0.5	1.6	3.4	21	0.4	0.4	0.1	73	0.28	0.041	12
Y647839	15	36.8	105	0.2	17.5	9.4	625	2.76	9.2	0.4	23.3	2.8	22	0.4	0.6	<0.1	61	0.27	0.039	11
Y647840	31.4	84	291	1.9	29	11.9	872	4.18	19.2	0.9	27.6	3.6	62	1	0.9	<0.1	87	1.03	0.117	18
Y647841	25.1	7.2	62	<0.1	23.2	12	510	3.31	6.4	0.5	0.8	2.9	29	0.1	0.3	<0.1	82	0.34	0.064	13
Y647842	24.3	5.9	61	<0.1	19.8	12.8	645	3.41	6.2	0.5	0.8	3.4	45	<0.1	0.3	<0.1	96	0.48	0.058	13
Y647843	21	6.4	62	0.1	19.9	10.9	468	3.18	5.8	0.5	6.9	2.8	46	<0.1	0.3	0.1	88	0.51	0.06	13

	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
	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	
Sample#	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	Certificate
Y647828	39	0.71	317	0.088	2	2.37	0.014	0.12	0.2	0.03	5.6	0.1	0.07	8	<0.5	0.2	WHI21000267.1
Y647829	23	0.42	126	0.078	1	1.15	0.017	0.08	0.1	0.02	3.4	<0.1	<0.05	4	<0.5	0.2	WHI21000267.1
Y647830	21	0.4	140	0.07	<1	1.12	0.011	0.08	<0.1	0.02	3.1	<0.1	0.05	4	<0.5	<0.2	WHI21000267.1
Y647831	25	0.49	131	0.088	<1	1.26	0.014	0.1	0.1	0.01	3.5	<0.1	0.05	4	<0.5	<0.2	WHI21000267.1
Y647832	24	0.48	209	0.082	1	1.27	0.014	0.08	0.1	0.01	3	<0.1	0.05	5	<0.5	<0.2	WHI21000267.1
Y647833	35	0.68	173	0.101	2	1.96	0.017	0.14	0.2	0.02	5.2	0.1	0.08	6	<0.5	<0.2	WHI21000267.1
Y647834	24	0.4	105	0.07	1	1.21	0.02	0.07	<0.1	0.03	3.4	<0.1	0.06	4	<0.5	<0.2	WHI21000267.1
Y647835	32	0.5	137	0.099	1	1.88	0.014	0.12	0.2	0.03	4.3	0.1	0.06	7	<0.5	<0.2	WHI21000267.1
Y647836	36	0.65	173	0.105	1	2	0.015	0.12	0.1	0.03	5.3	0.1	<0.05	7	<0.5	<0.2	WHI21000267.1
Y647837	25	0.43	172	0.062	<1	1.84	0.019	0.07	0.1	0.02	3.8	<0.1	0.08	5	<0.5	<0.2	WHI21000267.1
Y647838	33	0.57	138	0.115	1	1.95	0.019	0.09	0.2	0.03	4.7	0.1	0.1	8	<0.5	<0.2	WHI21000267.1
Y647839	28	0.48	207	0.058	<1	1.74	0.013	0.06	<0.1	0.02	4.3	<0.1	0.07	5	<0.5	<0.2	WHI21000267.1
Y647840	43	0.79	642	0.06	2	3.23	0.021	0.17	0.2	0.13	11.6	0.2	0.18	8	0.8	<0.2	WHI21000267.1
Y647841	33	0.79	201	0.114	1	2.93	0.03	0.08	0.1	0.03	6.3	<0.1	0.07	7	<0.5	<0.2	WHI21000267.1
Y647842	35	0.92	255	0.093	<1	2.75	0.03	0.08	<0.1	0.03	8.3	0.1	0.05	7	<0.5	<0.2	WHI21000267.1
Y647843	36	0.81	246	0.088	1	2.7	0.024	0.09	0.1	0.02	6.6	0.1	0.08	8	<0.5	<0.2	WHI21000267.1

APPENDIX VI

Ah Horizon Soil Sample Locations

& Descriptions

	Taut 2021 Ah Horizon Soil Samples															
	All coordinates; Grid: UTM, Datum: NAD 83 Zone 8V															
Sample#	**Date**	**Time**	**Grid**	**Datum**	**Zone**	**V**	**East**	**North**	**Elev**	**m**	**Sampler**	**Type**	**Depth-cm**	**Color**	**Quality**	**Description**
47851	7/18/2021		UTM	NAD83	8	V	405998	6848199	1491	m	WDM	Ah Soil	5	Dk Brn	Moderate	<1cm Ah, mixed w/ ash, loess
47852	7/18/2021		UTM	NAD83	8	V	405986	6848298	1469	m	WDM	Ah Soil	15	Dk Brn	Moderate	Ah present in pockets
47853	7/18/2021		UTM	NAD83	8	V	405999	6848397	1440	m	WDM	Ah Soil	19	Dk Brn	Moderate	5cm Ah w/ roots, fibrous
47854	7/18/2021	10:40:46	UTM	NAD83	8	V	406001	6848501	1421	m	WDM	Ah Soil	29	Dk Brn	Moderate	Ah above & below ash, permafrost
47855	7/18/2021	10:55:24	UTM	NAD83	8	V	405995	6848594	1412	m	WDM	Ah Soil	17	Dk Brn	Good	3 cm Ah, poorly drained
47856	7/18/2021	11:02:49	UTM	NAD83	8	V	406002	6848696	1398	m	WDM	Ah Soil	24	Dk Brn	Good	15cm Ah inc. buried layer
47857	7/18/2021	11:18:21	UTM	NAD83	8	V	405999	6848801	1387	m	WDM	Ah Soil	17	Dk Brn	Good	3cm Ah, permafrost
47858	7/18/2021	11:31:00	UTM	NAD83	8	V	406000	6848899	1376	m	WDM	Ah Soil	24	Dk Brn	Good	5cm brown Ah,bottom cm dk brn sampled
47859	7/18/2021	12:17:15	UTM	NAD83	8	V	405997	6849003	1362	m	WDM	Ah Soil	19	Dk Brn	Good	5cm Ah, ~25m from DDH
47860	7/18/2021	12:32:42	UTM	NAD83	8	V	405999	6849101	1353	m	WDM	Ah Soil	19	Dk Brn	Good	5cm Ah, permafrost, poorly drained
47861	7/18/2021		UTM	NAD83	8	V	405999	6849202	1345	m	WDM	Ah Soil	17	Dk Brn	Good	1 - 4cm Ah, poorly drained
47862	7/18/2021		UTM	NAD83	8	V	405999	6849202	1345	m	WDM	Ah Soil	17	Dk Brn	Good	field duplicate of 47861
47863	7/18/2021		UTM	NAD83	8	V	406000	6849301	1337	m	WDM	Ah Soil	19	Brown	Moderate	5cm Ah
47864	7/18/2021		UTM	NAD83	8	V	406002	6849477	1332	m	WDM	Ah Soil	16	Dk Brn	Good	0 - 4cm Ah, hard to find
47865	7/18/2021		UTM	NAD83	8	V	405997	6849600	1346	m	WDM	Ah Soil	28	Dk Brn	Good	10 cm good Ah beneath 20cm moss
47866	7/18/2021		UTM	NAD83	8	V	406000	6849701	1356	m	WDM	Ah Soil	15	Dk Brn	Good	1cm Ah, discontinuous
47867	7/19/2021	10:01:38	UTM	NAD83	8	V	404187	6848711	1313	m	WDM	Ah Soil	11	Brown	Poor	top 3mm of ash & bottom of organics
47868	7/19/2021	10:26:50	UTM	NAD83	8	V	404191	6848611	1310	m	WDM	Ah Soil	11	Dk Brn	Moderate	0 - 2cm Ah, rooty
47869	7/19/2021	10:45:39	UTM	NAD83	8	V	404275	6848554	1317	m	WDM	Ah Soil	19	Dk Brn	Moderate	5cm Ah, rooty
47870	7/19/2021	11:02:18	UTM	NAD83	8	V	404375	6848527	1324	m	WDM	Ah Soil	8	Dk Brn	Good	2 - 10 cm Ah
47871	7/19/2021	11:16:12	UTM	NAD83	8	V	404453	6848469	1329	m	WDM	Ah Soil	14	Dk Brn	Good	6cm Ah, sampled bottom 1cm
47872	7/19/2021	11:29:49	UTM	NAD83	8	V	404538	6848413	1335	m	WDM	Ah Soil	14	Dk Brn	Good	5cm Ah, sampled bottom 1cm
47873	7/19/2021	11:46:18	UTM	NAD83	8	V	404622	6848352	1340	m	WDM	Ah Soil	14	Dk Brn	Good	5cm Ah, sampled bottom 1cm
47874	7/19/2021	12:09:59	UTM	NAD83	8	V	404703	6848290	1348	m	WDM	Ah Soil	10	Dk Brn	Good	3cm Ah
47875	7/19/2021	12:24:28	UTM	NAD83	8	V	404784	6848239	1354	m	WDM	Ah Soil	10	Black	Good	Some Charcoal, 1- 5cm Ah
47876	7/19/2021	12:41:06	UTM	NAD83	8	V	404866	6848174	1360	m	WDM	Ah Soil	4	Black	Good	In mudhole, some Charcoal, 5cm Ah
47877	7/19/2021	1:02:35	UTM	NAD83	8	V	404939	6848109	1366	m	WDM	Ah Soil	14	Dk Brn	Moderate	Some Charcoal, 0- 5cm Ah
47878	7/19/2021	1:26:48	UTM	NAD83	8	V	405045	6848073	1373	m	WDM	Ah Soil	5	Dk Brn	Moderate	1cm Ah on boulders, rooty
47879	7/19/2021	1:44:37	UTM	NAD83	8	V	405099	6847990	1377	m	WDM	Ah Soil	8	Dk Brn	Good	1cm Ah, rooty

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	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	PPB	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM	PPM	%	%
Sample#	Type/MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
47851	AH Soil	0.63	17.84	15.99	75.8	372	15.5	10.8	854	2.35	6.3	0.3	1.6	0.3	61.4	0.5	0.43	0.1	46	1.13	0.123
47852	AH Soil	1.08	16.9	27.37	50.2	782	7.9	4.6	145	1.87	5.4	0.8	8.9	0.1	31.7	0.33	0.41	0.23	27	0.38	0.128
47853	AH Soil	0.88	49.67	16.32	79.9	621	14.4	7	636	1.8	5.7	0.8	16.8	0.8	50.3	0.98	0.56	0.21	34	1.38	0.103
47854	AH Soil	1.11	33.9	2.96	60.6	224	8.5	16.8	7010	0.81	0.9	0.4	2.4	<0.1	53.5	2.26	0.56	0.04	12	0.73	0.141
47855	AH Soil	2.38	61.21	3.58	57.8	427	10.2	274.2	>10000	11.93	3.9	0.6	4.3	0.6	39	2.57	0.41	0.09	34	0.45	0.151
47856	AH Soil	2.43	26.27	14.48	38.4	187	5	6.5	150	5.22	26	0.5	4.5	1.6	22.5	0.44	0.2	0.1	174	0.34	0.141
47857	AH Soil	10.78	131.53	6.55	81.5	544	21.6	175.8	>10000	1.9	2.1	1.6	7	<0.1	54	3.72	0.36	0.1	34	0.57	0.139
47858	AH Soil	23.08	38.25	17.52	49.1	647	9.2	628	>10000	5.11	7	0.8	8.1	0.3	38.2	2.38	0.67	0.18	47	0.3	0.191
47859	AH Soil	1.17	33.66	6.2	17.1	843	5.5	2.4	103	0.71	0.8	1.4	15	<0.1	31.1	0.56	0.24	0.07	17	0.25	0.153
47860	AH Soil	1.74	83.35	4.95	18.2	410	8.6	4.5	127	1.12	1.6	1.2	4.4	<0.1	31.8	0.86	0.25	0.07	13	0.19	0.145
47861	AH Soil	3.9	56.56	5.36	24.5	465	7.2	8.5	122	1.67	2.7	1.1	5.7	<0.1	36.9	0.84	0.38	0.07	22	0.24	0.172
47862	AH Soil	4.57	66.72	6.66	31.1	542	8.6	9.8	122	1.86	3	1.4	6.6	<0.1	49.4	0.75	0.46	0.08	19	0.28	0.187
47863	AH Soil	8.93	48.64	4.27	19.3	428	6.7	4.8	115	5.14	5.9	1.1	6.3	<0.1	20.5	0.31	0.48	0.09	44	0.13	0.148
47864	AH Soil	1.33	72.56	14.57	45.8	851	10.7	4	138	1.98	3.9	2	24.4	0.6	37.2	1.38	0.22	0.3	32	0.22	0.076
47865	AH Soil	0.72	30.67	9	28.2	771	6.9	3.6	56	0.76	1.1	1.7	4.2	<0.1	50.7	2.78	0.31	0.06	9	0.63	0.165
47866	AH Soil	0.99	34.07	3.62	75.8	1395	11.7	8.3	1946	1.06	1.6	0.6	1	0.1	36.6	3.66	0.22	0.07	21	0.25	0.068
47867	AH Soil	0.13	4.77	0.74	6.8	70	1.1	1.3	20	0.39	0.3	<0.1	<0.2	<0.1	7.6	0.12	0.09	<0.02	11	0.03	0.038
47868	AH Soil	0.2	3.24	1.39	10.3	49	2.4	1.3	29	0.39	0.3	0.2	<0.2	<0.1	11.3	0.8	0.07	<0.02	11	0.08	0.039
47869	AH Soil	0.32	12.12	4.2	23.9	73	7.1	3.8	125	1.16	1.6	0.6	1.2	0.5	24.6	0.2	0.15	0.06	18	0.21	0.084
47870	AH Soil	0.42	27.95	1.31	13.3	100	7.4	1.8	59	0.54	0.6	0.9	1.2	0.1	57.1	0.37	0.33	0.03	12	0.52	0.116
47871	AH Soil	4.16	25.65	1.63	11	604	7.2	13.8	1444	5.08	11.4	1.3	1.6	0.5	50.9	0.26	0.35	0.12	119	0.49	0.139
47872	AH Soil	0.24	17.59	1.03	11.1	50	4	2.4	57	0.62	0.6	0.4	<0.2	0.2	28.4	0.39	0.16	<0.02	11	0.27	0.093
47873	AH Soil	0.87	43.97	3.69	28.1	375	9.3	4.1	274	1.97	9.2	1.2	3.2	0.7	46.3	1.33	0.41	0.1	41	0.55	0.141
47874	AH Soil	0.52	13.56	4.39	48.7	141	8.9	2.5	86	0.69	1.2	0.5	1.7	0.2	28.5	0.52	0.14	0.07	12	0.26	0.07
47875	AH Soil	4.92	34.4	4.01	34.1	488	13.2	46.5	5232	5.64	15	1	3.4	0.2	60.3	0.76	0.39	0.11	79	0.46	0.142
47876	AH Soil	0.42	67.31	3.75	16.9	405	14.1	2.4	66	0.52	0.7	1	5.1	<0.1	56.3	1.32	0.19	0.07	12	0.46	0.15
47877	AH Soil	0.56	16.83	5.04	25.6	176	9.1	6.1	1099	0.91	1.7	0.4	2.4	0.2	51.1	0.51	0.25	0.07	20	0.47	0.092
47878	AH Soil	1.45	28.25	32.38	146.3	339	25.3	21.9	7080	2.18	5.4	1	6.1	0.9	84.7	5.51	0.85	0.15	42	0.77	0.159
47879	AH Soil	2.56	49.62	11.39	53	388	14.3	36.5	6116	2.69	8.8	1.4	3.6	0.4	67.4	1.32	0.44	0.12	57	0.58	0.153

	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	
	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	
	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM	PPM	%	PPB	PPM	PPM	PPM	
Sample#	**0.5**	**0.5**	**0.01**	**0.5**	**0.001**	**20**	**0.01**	**0.001**	**0.01**	**0.1**	**0.1**	**0.02**	**0.02**	**5**	**0.1**	**0.02**	**0.1**	**Certificate**
47851	8.1	20.8	0.6	663.3	0.031	<20	1.76	0.009	0.13	<0.1	2.2	0.09	0.09	135	0.5	0.03	5.3	WHI21000268.1
47852	18.5	14	0.15	159.5	0.02	<20	1.03	0.009	0.06	<0.1	1.4	0.08	0.14	139	0.5	0.13	3.3	WHI21000268.1
47853	20.4	16.4	0.35	259.7	0.045	<20	1	0.016	0.08	<0.1	2.3	0.1	0.13	47	0.8	0.21	3.6	WHI21000268.1
47854	8	7.6	0.09	310.8	0.019	<20	0.68	0.013	0.05	<0.1	0.8	0.08	0.19	127	0.7	0.11	1.2	WHI21000268.1
47855	17.3	8.7	0.06	439.2	0.016	<20	0.93	0.004	0.05	<0.1	1.7	0.11	0.23	116	1.3	0.32	1.8	WHI21000268.1
47856	11.3	10.1	0.08	63.8	0.125	<20	0.52	0.009	0.03	<0.1	1.6	0.03	0.08	28	0.5	0.07	4.3	WHI21000268.1
47857	23	8.9	0.09	668.7	0.021	<20	0.52	0.009	0.04	<0.1	1	0.12	0.13	74	0.9	0.12	2	WHI21000268.1
47858	15.3	16	0.12	1224.2	0.021	<20	0.92	0.006	0.07	0.1	1.6	0.84	0.18	110	1.2	0.57	3.3	WHI21000268.1
47859	9.4	18.3	0.13	120.3	0.021	<20	1.01	0.008	0.05	<0.1	0.7	0.09	0.23	179	0.8	0.09	2.4	WHI21000268.1
47860	14	11.3	0.11	158.9	0.01	<20	0.93	0.008	0.06	<0.1	0.7	0.04	0.14	92	0.8	0.05	2.2	WHI21000268.1
47861	12.2	9.9	0.12	226.7	0.014	<20	0.74	0.009	0.06	<0.1	0.8	0.06	0.15	116	0.9	0.07	1.8	WHI21000268.1
47862	16.6	10.6	0.11	305.4	0.011	<20	0.76	0.008	0.08	<0.1	0.9	0.08	0.17	160	1	0.05	1.7	WHI21000268.1
47863	8.3	14.6	0.11	219	0.016	<20	0.92	0.007	0.04	<0.1	1	0.08	0.18	57	1.5	0.09	2.4	WHI21000268.1
47864	12.9	17.3	0.22	103.8	0.04	<20	1.26	0.019	0.12	0.1	2.5	0.09	0.12	55	0.7	0.19	4.5	WHI21000268.1
47865	22.2	6.9	0.09	130.2	0.011	<20	0.58	0.012	0.07	<0.1	0.6	0.04	0.22	118	0.9	0.03	1.3	WHI21000268.1
47866	12.5	10.1	0.07	179.6	0.045	<20	0.77	0.018	0.06	<0.1	1.3	0.05	0.03	40	0.4	<0.02	2.5	WHI21000268.1
47867	0.7	2.3	0.03	13.4	0.023	<20	0.15	0.019	0.04	<0.1	0.3	<0.02	<0.02	24	0.3	<0.02	1	WHI21000268.1
47868	1.7	4.8	0.05	37.7	0.023	<20	0.16	0.018	0.04	<0.1	0.4	<0.02	0.02	25	0.2	<0.02	1	WHI21000268.1
47869	10.3	13.1	0.15	261	0.03	<20	1.35	0.027	0.1	<0.1	2.9	0.06	0.04	66	0.3	<0.02	3.4	WHI21000268.1
47870	17.8	9.5	0.13	297.9	0.028	<20	0.57	0.026	0.07	<0.1	1.8	0.02	0.12	120	0.8	<0.02	1.5	WHI21000268.1
47871	16	15.2	0.09	303	0.032	<20	0.72	0.019	0.04	0.2	2.4	0.03	0.12	94	1	0.06	3	WHI21000268.1
47872	8.8	7.3	0.12	116	0.042	<20	0.4	0.028	0.02	<0.1	1.2	0.03	0.05	31	0.4	<0.02	1.3	WHI21000268.1
47873	32.6	16.5	0.14	252	0.031	<20	1.37	0.021	0.07	<0.1	2.6	0.05	0.15	87	1.1	0.07	3.1	WHI21000268.1
47874	11	13.3	0.19	246	0.032	<20	1	0.03	0.06	<0.1	1.4	0.06	0.06	36	0.4	0.03	3.3	WHI21000268.1
47875	22.3	13.5	0.1	512.2	0.02	<20	0.76	0.016	0.03	<0.1	1.7	0.05	0.15	97	0.9	0.36	2.6	WHI21000268.1
47876	29.2	13.3	0.12	495.7	0.019	<20	0.79	0.016	0.03	<0.1	0.9	0.04	0.32	108	0.8	0.05	2.2	WHI21000268.1
47877	10.5	9.6	0.18	247.2	0.031	<20	0.67	0.028	0.06	<0.1	1.3	0.05	0.08	55	0.3	0.04	2	WHI21000268.1
47878	22	27.6	0.39	619.2	0.055	<20	1.51	0.014	0.15	0.1	3.8	0.18	0.15	138	0.8	0.09	3.8	WHI21000268.1
47879	26	18.6	0.18	331.9	0.038	<20	1.2	0.016	0.06	<0.1	2.4	0.11	0.14	105	0.9	0.07	4.4	WHI21000268.1

Taut 2021 Ah Horizon Soil Samples

All coordinates; Grid: UTM, Datum: NAD 83 Zone 8V

Sample#	Date	Time	Grid	Datum	Zone	V	East	North	Elev	m	Sampler	Type	Depth-cm	Color	Quality	Description
47880	7/19/2021	2:06:33	UTM	NAD83	8	V	405167	6847911	1382	m	WDM	Ah Soil	9	Dk Brn	Good	3 cm Ah
47881	7/19/2021	2:21:53	UTM	NAD83	8	V	405234	6847838	1387	m	WDM	Ah Soil	19	Dk Brn	Good	10cm Ah, dk brn & red-brown, some charcoal
47882	7/19/2021	2:35:33	UTM	NAD83	8	V	405294	6847754	1393	m	WDM	Ah Soil	10	Dk Brn	Good	1- 3cm Ah
47883	7/19/2021	2:50:00	UTM	NAD83	8	V	405360	6847677	1399	m	WDM	Ah Soil	19	Dk Brn	Good	10+ cm Ah
47884	7/19/2021	3:08:54	UTM	NAD83	8	V	405448	6847625	1404	m	WDM	Ah Soil	14	Dk Brn	Moderate	5cm Ah, very fibrous
Y647885	20-Jul-21	10:09:00AM	UTM	NAD83	8	V	405599	6848999	1435	m	RH	Soil Ah	6	Dk Brn	Poor	<1cm Ah, dry, on steep scree slope
Y647886	20-Jul-21	10:37:43AM	UTM	NAD83	8	V	405702	6849002	1391	m	RH	Soil Ah	25	Dk Brn	Moderate	5-10 Ah, very peaty
Y647887	20-Jul-21	10:47:38AM	UTM	NAD83	8	V	405805	6849002	1390	m	RH	Soil Ah	17	Dk Brn	Moderate	2-5 Ah, above scree and ash.
Y647888	20-Jul-21	11:08:16AM	UTM	NAD83	8	V	405896	6849003	1382	m	RH	Soil Ah	16	Dk Brn	Moderate	2 cm Ah, above scree and ash
Y647889	20-Jul-21	11:28:32AM	UTM	NAD83	8	V	406096	6849004	1357	m	RH	Soil Ah	22	Dk Brn	Moderate	3 cm Ah, above ash band, peaty
Y647890	20-Jul-21	11:45:32AM	UTM	NAD83	8	V	406200	6848996	1344	m	RH	Soil Ah	6	Dk Brn	Moderate	1-2 cm Ah, on flood plain of ash
Y647891	20-Jul-21	12:01:33PM	UTM	NAD83	8	V	406301	6848999	1343	m	RH	Soil Ah	24	black	Moderate	5 cm Ah or humus.
Y647892	20-Jul-21	12:56:14PM	UTM	NAD83	8	V	406404	6849001	1345	m	RH	Soil Ah	16	Dk Brn	Good	<2 cm Ah collected above ash horizon, peaty.
Y647893	20-Jul-21	1:08:38PM	UTM	NAD83	8	V	406502	6849006	1350	m	RH	Soil Ah	22	Dk Brn	Good	3 cm Ah above mineral soil on E. edge fo bowl proper.
Y647894	20-Jul-21	1:23:41PM	UTM	NAD83	8	V	406601	6849002	1357	m	RH	Soil Ah	16	black	Very Good	2 cm Ah, pockets of AH above ash bed., not peaty, minor roots.
Y647895	20-Jul-21	1:36:59PM	UTM	NAD83	8	V	406700	6849000	1363	m	RH	Soil Ah	16	black	Good	2 cm Ah on mineral soil, few roots.
Y647896	20-Jul-21	1:50:46PM	UTM	NAD83	8	V	406803	6849004	1362	m	RH	Soil Ah	16	black	Good	2 cm Ah, pockets of AH above ash bed., not peaty, minor roots.
Y647897	20-Jul-21	2:04:47PM	UTM	NAD83	8	V	406899	6849002	1363	m	RH	Soil Ah	11	Dk Brn	Good	1 cm Ah, peaty, approz 50 m west of large granodiorite outcrop on ridge.

	Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	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	PPB	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM	PPM	%	%
Sample#	Type/MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
47880	AH Soil	0.48	38.03	5.75	39.9	537	17	10.6	454	0.95	1.2	0.8	3	0.3	127.2	1.42	0.41	0.07	17	1.24	0.167
47881	AH Soil	2.14	41.15	5.03	155.6	1152	23.2	71.5	>10000	4.74	12.4	0.9	2.6	0.6	84.6	2.55	0.59	0.07	57	0.94	0.153
47882	AH Soil	1.16	29.56	2.31	29.8	348	8.7	5.5	1543	1.2	2.4	0.5	1.1	0.2	88	0.72	0.32	0.04	34	0.95	0.131
47883	AH Soil	0.33	23.96	0.74	13.9	68	3.8	2.2	230	0.98	0.8	0.2	1	0.1	69.8	0.29	0.23	<0.02	15	0.62	0.147
47884	AH Soil	0.64	16.42	3.31	31.3	91	8	8.1	295	3.33	5.9	0.4	0.8	0.5	55.5	0.11	0.18	0.05	72	0.49	0.097
Y647885	AH Soil	3.21	16.51	6.06	46.7	328	5.4	2.1	113	0.98	3.4	0.2	1	<0.1	21.7	0.48	0.54	0.1	19	0.15	0.119
Y647886	AH Soil	3.8	40.06	13.63	25	576	8.2	3.3	71	2.19	6.6	1.2	22.9	0.4	40.1	0.35	0.87	0.22	17	0.17	0.139
Y647887	AH Soil	3.41	33.97	11.16	21.6	409	6.4	20.1	1334	2.5	5.2	1.1	6.5	0.1	36.5	0.64	0.62	0.13	31	0.25	0.137
Y647888	AH Soil	8.1	34.43	13.05	26.8	746	8	207.6	7641	2.37	3.6	1.3	8.4	0.2	45.2	1.3	0.66	0.09	22	0.29	0.179
Y647889	AH Soil	4.16	46.94	4.67	42.1	359	13.4	101.6	>10000	3.2	3.5	1.2	6.8	0.1	60.1	3.95	0.73	0.05	23	0.77	0.137
Y647890	AH Soil	19.55	36.41	7.75	51.2	282	9.1	9.3	1581	1.22	1.3	0.7	6.5	0.1	45.4	0.9	0.39	0.1	23	0.5	0.15
Y647891	AH Soil	2.92	54.35	3.13	142.3	297	18.1	18.2	>10000	1.36	1.2	0.5	5	0.3	147.3	2.09	0.48	0.04	12	2.22	0.189
Y647892	AH Soil	2.63	113.23	4.82	16.8	377	11.6	91.9	8383	5.65	6.6	0.9	6.8	0.2	46.4	0.38	0.42	0.14	80	0.37	0.175
Y647893	AH Soil	2.66	51.89	7.11	40.4	1243	8.5	89	>10000	2.09	2.8	1.9	43.1	0.3	36.6	1.32	0.31	0.2	25	0.31	0.183
Y647894	AH Soil	0.92	30.53	3.42	31.5	613	6.4	3	132	1.07	1.3	1.1	8.2	0.1	35.4	0.45	0.16	0.07	19	0.35	0.117
Y647895	AH Soil	1.24	44.85	15.12	49.7	1039	11.8	4.1	320	1.41	2.4	1.5	6.4	<0.1	50.4	1.24	0.2	0.08	26	0.46	0.13
Y647896	AH Soil	1.01	56.68	4.19	39.5	599	14.6	6.1	1484	0.98	0.9	0.9	4.9	<0.1	55.8	1.7	0.18	0.03	27	0.45	0.105
Y647897	AH Soil	1.23	60.76	5.06	101.3	672	17.6	7.9	3733	0.98	1.3	1.1	8.7	0.3	108.8	4.43	0.39	0.08	17	0.98	0.149

	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	
	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	
	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM	PPM	%	PPB	PPM	PPM	PPM	
Sample#	**0.5**	**0.5**	**0.01**	**0.5**	**0.001**	**20**	**0.01**	**0.001**	**0.01**	**0.1**	**0.1**	**0.02**	**0.02**	**5**	**0.1**	**0.02**	**0.1**	**Certificate**
47880	14.8	19.4	0.23	366.1	0.031	<20	1.21	0.015	0.05	<0.1	1.8	0.09	0.27	101	0.9	0.02	3	WHI21000268.1
47881	30.8	18.2	0.14	1168.6	0.023	<20	0.95	0.015	0.04	<0.1	3.8	0.11	0.21	98	1.3	0.05	1.9	WHI21000268.1
47882	15.7	11.6	0.12	251.1	0.022	<20	0.85	0.017	0.03	<0.1	1.3	0.08	0.15	66	0.8	<0.02	1.7	WHI21000268.1
47883	5	6.5	0.1	80.7	0.018	<20	0.44	0.014	0.04	<0.1	1	0.05	0.13	88	0.6	<0.02	0.7	WHI21000268.1
47884	7.5	15.9	0.33	121.2	0.048	<20	1.25	0.021	0.04	<0.1	2.7	0.05	0.08	69	0.5	<0.02	3.9	WHI21000268.1
Y647885	2.8	6.8	0.07	196.9	0.017	<20	0.26	0.014	0.14	<0.1	0.4	0.03	0.13	100	0.5	0.05	1.7	WHI21000268.1
Y647886	11.4	13.8	0.12	700.4	0.022	<20	0.86	0.01	0.1	<0.1	1.9	0.14	0.29	160	1.4	0.18	2.2	WHI21000268.1
Y647887	11.3	9.7	0.11	168.6	0.021	<20	0.82	0.013	0.05	<0.1	1	0.12	0.17	118	0.8	0.12	2.3	WHI21000268.1
Y647888	12.5	15.4	0.1	373.6	0.016	<20	0.84	0.009	0.05	<0.1	1.4	0.26	0.2	166	1	0.14	2.3	WHI21000268.1
Y647889	17.3	11.1	0.07	947.4	0.009	<20	1.48	0.007	0.05	<0.1	1.5	0.25	0.21	105	1	0.27	2.4	WHI21000268.1
Y647890	11.6	12.1	0.25	272.4	0.024	<20	1.03	0.014	0.08	<0.1	1.1	0.12	0.14	81	1.5	0.05	3	WHI21000268.1
Y647891	12.1	10.1	0.16	816.6	0.014	<20	0.75	0.007	0.04	<0.1	1.2	0.09	0.22	115	1	0.1	1.5	WHI21000268.1
Y647892	16.1	14.5	0.1	326	0.016	<20	0.91	0.013	0.03	<0.1	1.3	0.07	0.16	121	1.4	0.21	3.9	WHI21000268.1
Y647893	13.8	21.3	0.11	340.1	0.015	<20	1.07	0.012	0.03	<0.1	1.7	0.3	0.18	146	1.3	0.39	2.8	WHI21000268.1
Y647894	10.5	11.8	0.14	128.3	0.014	<20	0.72	0.011	0.03	<0.1	1.2	0.06	0.15	99	0.7	0.12	1.8	WHI21000268.1
Y647895	15.6	14.8	0.18	212.8	0.017	<20	0.98	0.012	0.05	<0.1	1	0.07	0.16	113	0.8	0.08	3	WHI21000268.1
Y647896	24.9	8	0.1	259.2	0.02	<20	0.45	0.015	0.03	<0.1	0.9	0.04	0.12	90	0.6	0.05	1.6	WHI21000268.1
Y647897	89.1	12.9	0.19	716.8	0.018	<20	0.79	0.014	0.04	<0.1	2.9	0.07	0.18	160	1.3	0.12	2.3	WHI21000268.1

APPENDIX VII

Rock Sample Locations
&
Descriptions

	Taut 2021 Rock Samples														
	All coordinates; Grid: UTM, Datum: NAD 83 Zone 8V														
Station	**Date**	**Time**	**Grid**	**Datum**	**Zone**	**East**	**North**	**Elev**	**m**	**Sampler**	**Type**	**Type2**	**Description**	**Wgt Kg**	**Mo_ppm**	**Cu_ppm**
I065720	7/20/2021	9:53:06	UTM	NAD83	8V	405223	7E+06	1406	m	WDM	rock		Boulders in swampy area, slickensides, limonite, hematite, silicification, boxwork after sulphides (?)	0.46	154	1.8
I065721	7/19/2021		UTM	NAD83	8V	405334	7E+06		m	WDM	rock		Assorted rusty pebbles from pit at soil sample 1961135	1.53	3.5	79.8
I065722	7/21/2021		UTM	NAD83	8V	405458	7E+06		m	WDM	rock		Test Pit 21-1. Altered andesite, chloritized hornblende, fine-grained irregular pyrite ~1%, tr chalcopyrite	0.78	0.6	6.2
I065765	17-Jul-21	12:56:41	UTM	NAD83	8V	406069	7E+06	1184	m	RH	rock	grab	selected grab from outcrop of grey qtz veining cross cuttting bleached FeOx stained foliated granodiorite	0.69	26.2	1.5
I065766	21-Jul-21	11:00:43	UTM	NAD83	8V	405460	7E+06	1501	m	RH	rock	float	float from bottom of 1 m deep test pit. Rusty weathering grey bleached weakly silicified - epidote altered pyritic feldspar porphoritc andesite with tr ace cpy. Appox 3-5% diss py, very fine tr cpy, Epidote clots- books replacing hornblende. Non magnetic and non calcareous. Py and cpy replacing mafics (Biot- Hbl). Hand spec. WDM rk sample I065722 and soil 72854 from bottom of pit, 'C' horizon.	1.62	0.3	4.6

Station	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm	U_ppm	Au_ppb(25gICPMS)	Th_ppm	Sr_ppm	Cd_ppm	Sb_ppm	Bi_ppm	V_ppm	Ca_pct	P_ppm
I065720	6.6	4	0.3	0.9	0.3	50	0.58	1.8	0.1	2.5	0.3	3	0.2	0.5	0.3	2	<0.01	0.001
I065721	14.3	79	0.7	6.8	3.2	238	2.52	3.5	0.6	7.4	3.4	79	<0.1	0.3	0.5	44	0.34	0.073
I065722	16.2	81	0.8	7.4	10.3	516	3.36	16.6	0.5	65.7	2.3	55	<0.1	0.2	0.8	37	0.28	0.081
I065765	10.4	20	<0.1	0.9	1.3	455	0.82	1.5	0.3	1.4	1.4	58	<0.1	<0.1	0.3	6	1.43	0.012
I065766	6.9	79	0.3	9.2	8.8	543	2.54	12.9	0.6	25	2.4	193	0.8	0.2	0.5	46	0.53	0.081

Station	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct	Na_pct	K_pct	W_ppm	Hg_ppm	Sc_ppm	Tl_ppm	S_pct	Ga_ppm	Se_ppm	Te_ppm	Certificate
I065720	<1	6	<0.01	24	<0.001	<1	0.03	0.002	0.02	0.8	0.11	<0.1	<0.1	<0.05	<1	<0.5	<0.2	WHI21000266.1
I065721	10	35	0.59	541	0.07	<1	1.26	0.084	0.15	0.1	0.02	4.4	<0.1	0.42	5	<0.5	0.2	WHI21000266.1
I065722	5	22	1.12	91	0.006	<1	1.9	0.06	0.07	<0.1	<0.01	2.9	<0.1	1.5	6	<0.5	1.3	WHI21000266.1
I065765	5	4	0.08	50	0.002	<1	0.26	0.06	0.1	0.2	0.06	1.3	<0.1	0.12	<1	<0.5	<0.2	WHI21000266.1
I065766	9	24	1.29	246	0.042	<1	2.06	0.099	0.08	<0.1	<0.01	3.6	<0.1	0.67	7	<0.5	0.7	WHI21000266.1

APPENDIX VIII

Field Station Locations
&
Descriptions

Taut 2021 Field Stations											
All coordinates; Grid: UTM, Datum: NAD 83 Zone 8V											
Station	**Geologist**	**Date**	**Time**	**East**	**North**	**Elev**	**m**	**Structure_Type**	**Strike-Dip**	**Rock Type**	**Description**
49	WDM	7/21/2021	11:23:18	405469	6848794	1504	m	WDM	rock	float	Andesite specimen for T/S, black hornblende, epidote, magnetic, white- gry grn fspar phenos, crystalline groundmass
RH21201	RH	16-Jul-21	2:44:05PM	407018	6848944	1378	m	Foliation	330/80N	granodiorite	Outcrop of grey weathering light orange-grey biotite granodiorite, medium grained, well foliated, crosscut but rare light orange aplite dykelets trending 310/50N.
RH21202	RH	16-Jul-21	2:52:37PM	407202	6848960	1363	m	dykelet	240/20N	granodiorite	NE side of outcrop on ridge. Granodiorite as stn 21-201. Rare crosscutting 2mm silica - Fe stained veinlets - fracture fill and offsetting aplite dykelets. Veinlets are part of min system?
RH21203	RH	17-Jul-21	11:34:44AI	406560	6845556	1288	m	fabric-shear	210/80W	granodiorite	Outcrop on valley edge, one of a series, grey weathering grey foliated biotite granodiorite crosscut by pink </= 0.5m W-W trending shallow dipping (20N) aplite to pegmatitic dykes. Angular float in area of pink - white weathering granite.
RH21204	RH	17-Jul-21	12:47:22PI	406063	6845391	1175	m				10x10m high cliff of bleached biotite foliated granodiorite, weak limonite stain around <2cm-3cm grey qtz veinlets. Qtz vein zone approx 214/60-70W.
RH21205	RH	18-Jul-21	4:32:51PM	405460	6848838	1498	m	linear	170	andesite	WDM sample site on bench near ridgetop, bench defines a linear at 170 deg. Orange soil, some rusty stained (weak) andesite in sea of angular fresh andesite. Anomalous 277 ppb Au sample about 50m to SW in similar environment but has chlorite altered andesite with bleached mafics adjacent to it.
RH21206	RH	21-Jul-21	11:25:54AI	405438	6848872	1502	m				Scree of rusty weathering light grey green epidote altered andesite, Weakly silicified and pyritized feldspars. Locally non magnetic but most pieces still magnetic. Station on linear defined by rusty weathering andesite and depression in hillside.
RH21207		21-Jul-21	1:04:04PM	406040	6848229	1492	m				Grab of andesite for handsample - thin section of fresh andesite. Medium grained, magnetic, rare feldspar phenos. Weak calcite alteration (on fractures only?), highly magnetic. Weak chlorite alteration in 'B' sample. Photos, and photos looking W.

APPENDIX IX

XRF Data

	Taut 2021 B-C Horizon Soil Samples																			
	All coordinates; Grid: UTM, Datum: NAD 83 Zone 8V																			
Sample #	East	North	Reading No	Duration	Mo	Mo Error	Zr	Zr Error	Sr	Sr Error	Rb	Rb Error	Th	Th Error	Pb	Pb Error	Se	Se Error	As	As Error
72810	405697	6848503	1699	30.12	< LOD	5.77	74	6.78	185.84	7.42	21.16	3.32	< LOD	5.66	12.52	5.93	< LOD	3.15	< LOD	6.94
72811	405750	6848505	1700	30.14	< LOD	5.87	93.11	7.6	288.82	9.18	21.56	3.36	< LOD	5.77	11.69	5.96	< LOD	3.57	< LOD	6.4
72812	405797	6848499	1701	30.11	7.48	4.5	115	8.83	249.55	9.56	36.01	4.54	< LOD	8.93	167.3	16.48	< LOD	4.28	< LOD	19.3
72813	405863	6848504	1702	30.13	9.06	4.52	110.5	8.89	296.98	10.36	28.39	4.2	< LOD	6.85	18.28	7.43	< LOD	4.35	< LOD	8.98
72814	405903	6848498	1703	30.14	8.3	4.48	64.72	7.01	97.3	6.22	14.67	3.28	< LOD	7.72	32.48	8.67	< LOD	4.14	< LOD	10.7
72815	405947	6848500	1704	30.15	7.59	4.73	246.88	11.21	212.05	8.92	66.82	5.88	< LOD	8.04	21.82	7.92	< LOD	4.31	< LOD	9.16
72816	406067	6848500	1705	30.12	< LOD	6.29	124.73	8.62	235.1	8.96	35.72	4.24	< LOD	6.54	37.59	8.76	< LOD	4.1	< LOD	9.72
72817	406101	6848501	1706	30.14	< LOD	5.79	82.16	7.83	373.12	10.53	15.87	3.14	< LOD	5.99	< LOD	7.46	< LOD	3.48	< LOD	5.98
72818	406150	6848500	1707	30.11	6.7	4.33	87.84	7.89	215.09	8.71	33.67	4.19	< LOD	7.06	18.26	7.31	< LOD	4.04	< LOD	8.59
72819	406199	6848499	1708	30.06	< LOD	6.71	134.68	9.73	303.22	10.82	43.32	5.01	< LOD	8.03	16.66	7.55	< LOD	3.99	< LOD	8.88
72820	406249	6848496	1709	30.14	< LOD	6.59	94.15	8.3	197	8.71	19.61	3.71	< LOD	6.81	11.92	6.75	< LOD	3.9	< LOD	8.39
72821	406302	6848499	1710	30.13	< LOD	5.91	68.46	7.08	271.31	8.95	15.01	3.12	< LOD	5.93	< LOD	7.93	< LOD	2.98	< LOD	5.96
72822	406349	6848505	1711	38.52	< LOD	6.46	108.26	8.42	206.07	8.66	18.03	3.47	< LOD	6.72	< LOD	9.59	< LOD	3.8	< LOD	7.74
72823	406402	6848502	1712	30.12	10.04	3.9	60.44	6.09	131.24	6.17	10.85	2.63	< LOD	5.73	< LOD	7.89	< LOD	3.29	< LOD	5.72
72824	406450	6848501	1713	30.12	< LOD	5.4	48.33	5.69	167.37	6.59	11.9	2.56	< LOD	5.33	< LOD	6.21	< LOD	3.1	< LOD	4.44
72825	406505	6848499	1714	30.11	< LOD	6.14	127.85	8.91	321.31	10.28	19.19	3.52	< LOD	6.6	12.74	6.41	< LOD	3.32	< LOD	6.95
72826	406551	6848500	1715	30.13	< LOD	6.5	100.1	8.23	218.24	8.84	22.8	3.72	< LOD	6.48	17.26	7.15	< LOD	4.01	< LOD	8.09
72827	406599	6848498	1716	30.12	< LOD	6.48	149.65	9.1	227.87	8.84	22.79	3.74	< LOD	6.8	20.9	7.43	< LOD	4.05	< LOD	8.69
72828	406652	6848497	1717	30.14	< LOD	6.3	87.61	7.43	146.96	7.13	32.59	4.19	< LOD	7.21	< LOD	8.81	< LOD	3.8	< LOD	7.26
72829	406130	6846651	1735	30.14	< LOD	6.75	49.01	8.32	347.06	11.95	65.61	6.18	< LOD	8.02	24.59	8.61	< LOD	4.15	< LOD	9.77
72830	406274	6846473	1736	30.12	< LOD	6.68	140.63	10.23	407.67	12.45	43.66	5.07	< LOD	7.8	19.19	7.76	< LOD	3.84	< LOD	9.05
72831	406483	6845828	1737	30.16	< LOD	7.41	109.36	11.1	575.46	15.91	48.4	5.79	< LOD	7.65	17.44	8.14	< LOD	4.24	< LOD	9.51
72832	406598	6845578	1738	30.12	< LOD	7.28	118.18	11.41	592.82	16.2	36.8	5.23	< LOD	8.62	16.55	8.13	< LOD	4.25	< LOD	9.82
72833	406180	6845413	1739	30.13	< LOD	7.5	108.92	10.17	363.57	12.71	48	5.73	< LOD	8.23	14.02	7.87	< LOD	4.7	< LOD	9.12
72834	406073	6845389	1740	30.08	< LOD	6.4	50.6	7.82	313.48	10.88	77.42	6.3	< LOD	7.37	12.1	6.97	< LOD	4	< LOD	8.42
72835	405855	6845794	1741	30.09	< LOD	7.19	139.33	10.99	393.42	13.24	36.08	5.1	< LOD	8.47	14.42	7.77	< LOD	3.94	< LOD	9.04
72836	405722	6845989	1742	30.12	< LOD	7.27	114.63	11.32	596.12	16.19	27.63	4.66	< LOD	8.88	14.78	7.94	< LOD	4.3	< LOD	8.15
72837	405681	6846291	1743	30.13	< LOD	7.11	113.45	10.98	641.43	16.1	24.01	4.39	< LOD	7.2	13.52	7.51	< LOD	4.46	< LOD	7.88
72838	406434	6846682	1744	30.14	< LOD	7.15	156.09	10.52	331.07	11.59	52.5	5.54	< LOD	7.47	17.52	7.83	< LOD	4.48	< LOD	9.39
72839	406320	6846647	1745	30.12	< LOD	6.51	85.75	8.42	279.98	10.23	33.52	4.42	< LOD	7.35	14.83	7.26	< LOD	4.57	< LOD	8.72
72840	405998	6848199	1750	30.14	< LOD	6.99	167.67	10.6	278.2	10.71	39.5	4.88	< LOD	7.64	18.46	7.87	< LOD	4.12	12.97	6.9
72841	405986	6848298	1751	30.13	< LOD	7.07	117.42	9.88	275.12	11	40.87	5.3	< LOD	8.64	44.14	10.64	< LOD	4.89	< LOD	13.11
72842	405999	6848397	1752	30.12	< LOD	7.24	211.4	11.37	204.71	9.41	58.87	5.92	11.31	6.68	55.28	11.38	< LOD	4.33	18.65	9.59
72843	405997	6849003	1753	30.11	< LOD	6.49	97.39	8.98	392.06	11.78	30.15	4.31	< LOD	7.78	< LOD	9.24	< LOD	4.54	< LOD	7.41
72844	405992	6849103	1754	30.13	< LOD	7.34	158.35	11.07	385.5	12.8	42.51	5.22	< LOD	7.73	15.82	7.91	< LOD	4.81	< LOD	9.41
72845	405999	6849202	1755	30.08	12.99	5.12	135.97	10.29	277.63	11.04	21.45	4.16	11.19	6.17	16.26	8.12	< LOD	4.85	< LOD	9.15
72846	406000	6849301	1756	30.12	< LOD	6.22	79.95	8.03	301.08	10.15	29.5	4.08	< LOD	6.49	10.38	6.36	< LOD	3.65	< LOD	7.76
72847	406002	6849477	1757	30.13	< LOD	6.98	101.63	9.41	288.41	11.06	31.59	4.72	< LOD	8.56	22.16	8.4	< LOD	3.99	< LOD	9.34

Sample #	Zn	Zn Error	W	W Error	Cu	Cu Error	Ni	Ni Error	Co	Co Error	Fe	Fe Error	Mn	Mn Error
72810	84.44	14.5	< LOD	56.06	25.2	15.39	< LOD	46.05	99.49	66.22	8724.17	226.59	211.05	56.49
72811	53.23	12.34	< LOD	56.16	< LOD	22.09	< LOD	44.97	102.56	58.31	6439.16	195.34	229.91	57
72812	149.72	20.51	< LOD	59.59	59.85	20.8	< LOD	55.73	< LOD	156.04	18406.13	366.65	816.28	106.52
72813	58.58	15.02	< LOD	65.49	42	19.29	< LOD	51.02	< LOD	160.98	19434.53	374.77	296.55	74.4
72814	32.16	15.47	90.58	48.34	47.83	19.92	< LOD	60.97	748.27	195.72	61473.61	675.76	849.22	119.92
72815	119.17	19.24	< LOD	68.97	43.45	19.86	< LOD	57.27	326.42	112.87	19674.25	381.46	279.3	74.84
72816	89.87	16.47	< LOD	65.62	40.25	18.38	< LOD	51.39	< LOD	136.95	14811.08	317.28	328.63	72.87
72817	48.77	12.06	< LOD	52.46	23.25	15.45	< LOD	45.63	< LOD	89.49	7161.01	208.68	402.73	70.29
72818	129.22	18.66	< LOD	56.83	41.41	18.74	< LOD	49.33	150.72	81.88	11072.47	278.54	214.51	63.33
72819	173.81	22.64	< LOD	67.96	< LOD	28.61	< LOD	58.69	< LOD	171.63	20745.46	400.54	658.78	101.31
72820	81.51	18	< LOD	67.89	< LOD	28.27	< LOD	58.91	426.01	165.16	43801.19	575.14	439.05	94.44
72821	52.89	12.45	< LOD	55.89	28.68	15.68	< LOD	43.76	< LOD	91.98	7485.91	212.53	1001.61	101.43
72822	76.48	15.67	< LOD	59.42	47.65	19.7	< LOD	51.54	130.43	84.57	11674.42	290.98	579.28	90.3
72823	14.41	8.66	< LOD	48.26	< LOD	21.81	< LOD	43.36	< LOD	93.7	8115.84	214.2	213.94	55.11
72824	< LOD	11.55	< LOD	47.28	32.84	14.24	< LOD	39.99	116.72	50.78	5310.54	166.39	440.19	66.19
72825	37.93	12.42	< LOD	60.03	37.22	17.63	< LOD	47.81	180.02	89.44	14166.66	306.12	310.37	70.2
72826	47.96	14.05	< LOD	62.78	33.87	18.45	< LOD	53.46	215.73	112.6	21527.13	390.52	339.76	76.76
72827	46.18	13.15	< LOD	59.21	< LOD	23.54	< LOD	50.46	< LOD	137.05	14896.61	318.54	268.77	68.44
72828	47.37	12.99	< LOD	57.73	< LOD	25.47	< LOD	49.88	< LOD	120.96	12252.33	287.56	309.79	69.22
72829	38.43	13.87	< LOD	66.48	< LOD	27.11	< LOD	59.98	< LOD	145.22	15005.47	352.69	332.34	81.06
72830	41.22	13.91	< LOD	67.61	< LOD	25.92	< LOD	57.7	< LOD	153.81	17493.46	366.57	351.13	80.68
72831	43.3	15.89	< LOD	73.66	< LOD	32.45	< LOD	58.47	< LOD	204.36	25689.27	478.74	493.74	100.37
72832	65.31	18.1	< LOD	78.15	< LOD	32.99	< LOD	68.28	< LOD	219.88	31410.83	531.12	699.04	116.53
72833	68.27	17.25	< LOD	75.95	< LOD	30.57	< LOD	65.51	155.3	101.23	13491.32	347.85	350.49	86.31
72834	25.77	11.83	< LOD	66.98	< LOD	24.29	< LOD	51.04	< LOD	102.08	7341.13	237.98	579.94	91.91
72835	82.73	19.26	< LOD	73.48	< LOD	31.54	< LOD	68.58	< LOD	233.28	34222.74	553.66	666.89	114.97
72836	57.68	17.98	< LOD	73.01	< LOD	30.12	< LOD	66.8	< LOD	265.9	47214.68	648.34	871.11	129.14
72837	41.18	14.64	< LOD	68.06	< LOD	27.81	< LOD	56.71	209.1	118.95	20666.23	412.35	477.2	93.25
72838	57.43	16.14	< LOD	73.51	< LOD	30.33	65.02	42.77	< LOD	181.6	23057.22	432.93	481.43	93.82
72839	56.27	14.73	< LOD	64.85	< LOD	25.41	< LOD	53.92	< LOD	144.75	15637.93	342.07	390.05	81.11
72840	51.41	15.52	< LOD	66.07	< LOD	29.06	< LOD	61.24	213.68	129.53	24865.35	452.28	583.2	101.93
72841	112.83	20.94	< LOD	74.88	46.56	22.97	< LOD	68.45	230.91	144.76	29363.79	507.44	804.34	119.23
72842	110.4	20.4	< LOD	70.53	42.96	22.04	< LOD	64.44	< LOD	214.99	30422.14	508.12	443.4	97.03
72843	30.65	12.07	< LOD	62.22	38.76	18.97	< LOD	52.58	< LOD	118.36	10930.72	280.17	234.31	66.02
72844	36.7	14.63	< LOD	71.49	72.37	24.31	< LOD	60.86	< LOD	172.68	19755.43	411.71	520.88	98.49
72845	39.52	14.38	< LOD	71.22	39.44	22.13	< LOD	56.65	< LOD	126.67	9827.38	294.41	191.17	68.48
72846	22.21	11.02	< LOD	56.73	< LOD	25.66	< LOD	54.64	< LOD	135.46	14792.17	318.97	395.79	77.64
72847	64.19	16.81	< LOD	71.16	< LOD	31.23	< LOD	65.35	< LOD	187.38	23310.35	444.4	642.16	106.17

Sample #	East	North	Reading No	Duration	Mo	Mo Error	Zr	Zr Error	Sr	Sr Error	Rb	Rb Error	Th	Th Error	Pb	Pb Error	Se	Se Error	As	As Error
72848	405997	6849600	1758	30.13	< LOD	7	106.62	8.84	165.24	8.36	32.21	4.5	12.39	6.17	18.77	7.95	< LOD	3.85	< LOD	9.16
72849	406000	6849701	1759	30.83	< LOD	7.13	137.47	9.75	227.12	9.69	39.52	5.02	< LOD	7.58	15.97	7.63	< LOD	4.31	< LOD	9.14
72850	405461	6848833	1760	30.13	< LOD	7.36	154.03	10.56	275.23	10.86	34.34	4.81	16.18	6.96	45.63	10.67	< LOD	4.34	30.93	9.8
72851	405470	6848775	1761	30.14	9.37	5.04	158.63	11.2	390.9	12.98	27.11	4.49	< LOD	9.07	24.57	8.97	< LOD	4.96	13.62	7.65
72852	405334	6850190	1788	30.14	< LOD	7.55	154.18	11.16	385.08	12.98	43.46	5.48	< LOD	8.89	32.12	9.79	< LOD	5.33	15.25	8.32
72853	405348	6850145	1789	30.14	< LOD	6.87	137.51	10.32	380.76	12.33	39.03	5	10.57	5.91	< LOD	9.9	< LOD	4.82	< LOD	7.37
72854	405458	6848767	1795	30.13	< LOD	7.27	161.8	11.71	532.43	14.98	25.74	4.32	< LOD	8.46	13.64	7.73	< LOD	4.62	< LOD	9.25
72855	405498	6848709	1796	30.12	< LOD	6.82	149.36	10.33	359.7	11.84	26.5	4.12	< LOD	8.21	15.18	7.5	< LOD	4.14	10.91	6.4
72856	405657	6848443	1797	30.13	< LOD	6.35	98.86	9.46	471.2	13.07	50.01	5.17	< LOD	8.42	75.2	11.85	< LOD	4.11	< LOD	13.77
Y647801	406342	6848802	1718	30.14	< LOD	6.58	116.02	8.64	231.89	9.11	26.23	3.97	< LOD	6.77	10.4	6.51	< LOD	4.11	< LOD	7.63
Y647802	406398	6848799	1719	30.11	< LOD	6.7	83.6	8.14	187.41	8.66	22.05	3.89	< LOD	7.1	10.87	6.87	< LOD	4.11	< LOD	7.58
Y647803	406453	6848810	1720	30.12	< LOD	6.55	125.25	9.13	309.7	10.45	25.14	4	< LOD	6.55	15.59	6.98	< LOD	3.68	< LOD	7.8
Y647804	406498	6848799	1721	30.12	< LOD	6.68	130.07	9.93	371.98	11.97	24.44	4.12	< LOD	7.68	< LOD	10.09	< LOD	4.21	< LOD	7.77
Y647805	406552	6848802	1722	30.12	< LOD	6.26	100.95	8.15	252.16	9.19	17.43	3.38	< LOD	6.5	9.81	6.23	< LOD	3.91	< LOD	7.4
Y647806	406599	6848805	1723	30.1	< LOD	6.96	149.81	10.08	296.61	10.78	29.27	4.38	< LOD	7.97	11.54	7.02	< LOD	3.93	< LOD	8.17
Y647807	406649	6848798	1724	30.13	< LOD	6.75	137.78	9.55	296.01	10.46	25.09	4.11	< LOD	7.68	13.16	7.02	< LOD	4.19	< LOD	7.93
Y647808	406695	6848797	1725	30.13	< LOD	6.89	142.85	9.72	255.33	9.98	33.5	4.51	< LOD	7.88	18.12	7.67	< LOD	4.22	< LOD	8.74
Y647809	406753	6848802	1726	30.13	< LOD	6.56	105.21	8.99	313.73	10.81	29.23	4.2	< LOD	6.54	< LOD	9.76	< LOD	4.43	< LOD	7.73
Y647810	406799	6848797	1727	30.07	8.04	4.78	152.74	9.64	158.14	8.04	24.47	4.13	9	5.62	15.9	7.57	< LOD	4.29	< LOD	8.73
Y647811	406849	6848797	1728	30.14	< LOD	6.69	106.63	10.1	529.21	14.23	25.91	4.26	< LOD	7.06	< LOD	9.73	< LOD	3.94	< LOD	8.01
Y647812	406897	6848800	1729	30.15	< LOD	7.04	130.31	10.48	419.31	13.12	35.76	4.88	< LOD	8.13	16.15	7.78	< LOD	4.5	< LOD	9.04
Y647813	406895	6848503	1730	30.12	< LOD	6.7	133.68	9.65	337.14	11.17	29.97	4.28	< LOD	6.73	< LOD	9.54	< LOD	3.87	< LOD	7.13
Y647814	406852	6848501	1731	30.12	< LOD	6.67	117.19	9.33	282.29	10.51	23.23	4.08	< LOD	7.59	< LOD	9.47	< LOD	4.63	< LOD	7.94
Y647815	406804	6848503	1732	30.11	< LOD	6.9	119.43	9.84	325.93	11.59	27.95	4.43	< LOD	7.92	18.87	8.08	< LOD	4.79	< LOD	9
Y647816	406752	6848502	1733	30.15	< LOD	7.73	132.73	11.19	349.05	13.12	21.45	4.61	< LOD	7.73	12.21	7.92	< LOD	4.85	< LOD	8.83
Y647817	406702	6848494	1734	30.15	< LOD	7.02	118.49	9.9	343.9	11.91	27.33	4.41	< LOD	7.16	14.95	7.69	< LOD	4.82	< LOD	9.27
Y647818	404662	6848626	1762	30.12	< LOD	6.36	100.25	8.48	299.72	10.15	33.8	4.32	< LOD	7.19	15.24	6.88	< LOD	3.59	< LOD	7.69
Y647819	404704	6848596	1763	30.13	< LOD	6.1	75.58	8.48	423.27	12	44.12	4.83	< LOD	7.17	15.62	6.92	< LOD	3.18	< LOD	7.6
Y647820	404750	6848568	1764	30.13	< LOD	6.77	110.47	9.51	394.09	12.17	31.98	4.45	< LOD	6.78	< LOD	10.14	< LOD	4.02	< LOD	7.33
Y647821	404789	6848539	1765	30.07	< LOD	6.51	102.91	8.83	362.91	11.19	37.42	4.53	< LOD	7.08	20.59	7.55	< LOD	4.04	< LOD	8.84
Y647822	404836	6848512	1766	30.14	8.22	4.61	84.44	9.37	465.96	13.32	37.16	4.73	< LOD	7.82	15.27	7.61	5.42	3.31	< LOD	8.57
Y647823	404877	6848486	1767	30.14	< LOD	6	80.73	8.07	392.13	11.06	35.59	4.2	< LOD	5.67	< LOD	8.66	< LOD	3.5	< LOD	6.49
Y647824	404922	6848453	1768	30.1	< LOD	6.34	90.49	9.14	502.02	13.13	40.73	4.78	< LOD	6.1	15.78	7.01	< LOD	3.77	< LOD	8.59
Y647825	404957	6848424	1769	30.1	< LOD	6.79	129.93	10.39	486.74	13.65	41.34	5.07	< LOD	8.12	14.61	7.39	< LOD	4.05	< LOD	8.55
Y647826	404999	6848397	1770	30.15	< LOD	6.36	58.93	8.39	469.68	12.71	42.12	4.73	< LOD	6.85	13.89	6.8	< LOD	3.47	< LOD	8.06
Y647827	405042	6848369	1771	30.14	< LOD	6.45	75.4	8.73	470.73	12.73	30.66	4.26	< LOD	6.76	12.67	6.71	< LOD	3.77	< LOD	7.31
Y647828	405087	6848341	1772	30.12	< LOD	6.07	73.41	7.43	236.39	8.85	38.61	4.4	< LOD	6.69	24.6	7.58	< LOD	3.63	< LOD	9.05
Y647829	405126	6848313	1773	30.14	< LOD	6.31	90.65	8.3	333.42	10.55	23.29	3.74	< LOD	6.82	13.54	6.71	< LOD	3.89	< LOD	7.87
Y647830	405161	6848280	1774	30.12	< LOD	6.29	51.54	9.25	674.61	15.44	46.47	5.11	< LOD	7.61	17.41	7.44	< LOD	3.73	< LOD	8.48
Y647831	405207	6848257	1775	30.09	< LOD	6.7	104.96	10.02	526.78	14.12	34.3	4.65	< LOD	8.2	25.71	8.4	< LOD	3.83	< LOD	8.99

Sample #	Zn	Zn Error	W	W Error	Cu	Cu Error	Ni	Ni Error	Co	Co Error	Fe	Fe Error	Mn	Mn Error
72848	164.08	23.33	< LOD	70.02	47.13	21.76	< LOD	61.4	< LOD	222.82	33658.81	526.46	815.61	118
72849	119.42	20.49	< LOD	73.31	< LOD	29.53	< LOD	59.32	< LOD	187.42	26121.57	462.27	599.09	103.09
72850	127.45	22.12	< LOD	72.73	336.55	38.51	< LOD	64.05	< LOD	221.53	32233.72	524.12	710.85	113.48
72851	89.39	19.3	< LOD	70.38	33.83	21.76	< LOD	69.04	256.49	152.44	32981.06	535.02	1104.41	136.1
72852	107.02	21.13	< LOD	72.16	51.25	23.11	< LOD	65.96	384.01	174.99	42557.8	610.89	347.58	96.33
72853	45.09	15.2	< LOD	68.48	46.2	21.25	< LOD	58.76	< LOD	201.09	28261.76	475.98	267.24	80.44
72854	59.78	16.75	< LOD	70.56	< LOD	29.89	< LOD	62.18	< LOD	200.69	26378.58	474.79	573.02	103.42
72855	82.7	17.27	< LOD	60.62	< LOD	27.16	< LOD	59.63	< LOD	185.18	24218.43	435.89	714.71	106.38
72856	96.46	17.56	< LOD	61.73	< LOD	25.34	< LOD	54.32	< LOD	161.73	20079.5	384.25	751.13	103.58
Y647801	37.13	13.05	< LOD	59.04	29.23	18.12	< LOD	56.54	245.27	115.57	22523.4	399.42	198.83	67.51
Y647802	23.85	13	< LOD	63.08	< LOD	29.25	< LOD	57.74	< LOD	201.52	29746.91	482.48	274.64	79.63
Y647803	57.83	14.45	< LOD	60.97	39.44	18.91	< LOD	55.04	< LOD	143.37	16194.76	338.76	518.73	87.28
Y647804	47.92	14.77	< LOD	69.91	36.47	20.12	< LOD	59.79	< LOD	167.31	19635.77	390.36	468.36	89.85
Y647805	56.64	14.13	< LOD	59.87	56.27	19.16	< LOD	49.96	174.54	100.96	18415.66	350.87	611.82	91.04
Y647806	75.76	17.08	< LOD	62.3	68.52	22.42	< LOD	57.68	< LOD	192.12	27498.23	463.64	398.4	88.27
Y647807	60.43	15.13	< LOD	64.89	< LOD	27.77	< LOD	55.58	< LOD	156.24	18155.97	366.25	231.17	69.25
Y647808	59.94	15.97	< LOD	68.78	< LOD	27.58	< LOD	58.08	213.36	129.82	26630.38	454.29	331.74	81.64
Y647809	40.98	13.43	< LOD	60.17	37.49	19.57	< LOD	58.38	< LOD	152.56	17073.97	357.21	309.16	76.11
Y647810	45.82	14.23	< LOD	64.4	< LOD	27.8	< LOD	52.93	147.89	97.57	14234.69	336.73	171.38	65.39
Y647811	40.28	13.95	< LOD	65.25	< LOD	27.92	< LOD	60.05	< LOD	166.14	19692.04	391.45	731.33	105.96
Y647812	69.01	17.38	< LOD	70.47	< LOD	30.61	< LOD	61.01	< LOD	207.34	30056.5	499.9	1750.2	159.97
Y647813	32.4	12.96	< LOD	64.21	< LOD	27.12	< LOD	57.27	< LOD	162.48	20096.25	386.76	499.92	90.39
Y647814	46.58	14.59	< LOD	68.75	< LOD	28.05	< LOD	56.48	< LOD	161.47	18885.84	384.62	559.24	95.61
Y647815	38.71	14.54	< LOD	75.59	44.06	21.85	< LOD	63.84	< LOD	166.42	18481.03	391.58	678.16	105.85
Y647816	59.67	18.07	< LOD	86.89	50.43	25.53	< LOD	70.65	< LOD	181.89	17992.63	423.31	814.11	124.46
Y647817	68.48	16.78	< LOD	64.49	< LOD	30.34	< LOD	60.77	< LOD	184.62	22774.23	434.45	528.13	98.5
Y647818	47.64	13.34	< LOD	60.14	39.15	18.43	< LOD	50.77	< LOD	127.79	12837.6	297.92	241.4	65.63
Y647819	15.44	10.05	< LOD	59.32	< LOD	23.74	< LOD	52.33	< LOD	99.42	7598.3	229.9	273.22	66.47
Y647820	17.47	10.55	< LOD	54.79	< LOD	28.07	< LOD	52.43	138.57	74.31	8057.25	248.44	177.56	61.33
Y647821	42.77	12.82	< LOD	57.07	< LOD	26.37	< LOD	53.76	< LOD	127.38	12457.43	294.81	382.15	76.74
Y647822	19.64	11.6	< LOD	62.33	33.89	19.63	< LOD	52.54	< LOD	133.87	13142.77	318.8	237.23	69.7
Y647823	20.38	9.98	< LOD	53.33	26.33	16.26	< LOD	47.95	104.47	66.94	8149.97	227.46	145.76	52.85
Y647824	58.74	14.12	< LOD	59.87	< LOD	25.99	< LOD	50.34	< LOD	112.26	10188.15	267.32	324.94	71.92
Y647825	67.94	15.99	< LOD	68.37	< LOD	26.15	< LOD	56.15	< LOD	140.83	14109.26	331.66	533.48	92.35
Y647826	54.44	13.9	< LOD	61.26	< LOD	25.43	< LOD	51.47	< LOD	122.1	11556.68	284.87	504.3	84.6
Y647827	29.46	11.78	< LOD	63.66	< LOD	25.92	< LOD	53.87	154.4	73.99	8673.13	247.83	698.63	95.38
Y647828	52.56	13.36	< LOD	55.18	38.95	17.82	< LOD	51.76	< LOD	138.96	15892.31	323.83	597.69	89.28
Y647829	26.64	10.99	< LOD	58.88	< LOD	23.12	< LOD	50.41	125.85	66.35	7220.79	221.58	343.74	70.79
Y647830	52.42	13.77	< LOD	60.36	27.52	18.2	< LOD	51.97	< LOD	97.17	7401.41	233.02	626.32	92.12
Y647831	53.11	14.48	< LOD	64.59	< LOD	26.24	< LOD	56.32	< LOD	126.92	11433.51	297.39	446.5	85.13

Sample #	East	North	Reading No	Duration	Mo	Mo Error	Zr	Zr Error	Sr	Sr Error	Rb	Rb Error	Th	Th Error	Pb	Pb Error	Se	Se Error	As	As Error
Y647832	405248	6848224	1776	30.13	< LOD	6.62	63.47	10.06	735.33	16.68	45.77	5.39	< LOD	7.53	13.2	7.29	< LOD	4.18	< LOD	8.97
Y647833	405291	6848196	1777	30.14	< LOD	6.62	129.35	10.26	456.05	13.23	31.42	4.6	< LOD	7.7	21.78	8.13	< LOD	4.61	< LOD	9.95
Y647834	405330	6848165	1778	30.13	< LOD	5.99	77.23	8.18	411.39	11.43	25.98	3.83	< LOD	7.05	15.07	6.71	< LOD	3.63	< LOD	8.3
Y647835	405367	6848139	1779	30.13	< LOD	6.36	103.6	9.27	432.56	12.37	31.33	4.43	< LOD	7.78	15.09	7.18	< LOD	4.06	10.27	6.04
Y647836	405410	6848115	1780	30.13	< LOD	6.94	87.29	10.34	609.35	15.65	46.76	5.52	< LOD	8.95	19.03	8.19	< LOD	4.52	10.5	6.83
Y647837	405450	6848077	1781	30.12	< LOD	6.4	72.91	9.68	643.85	15.3	38.53	4.9	< LOD	7.9	27.04	8.44	< LOD	4.08	< LOD	9.27
Y647838	405500	6848058	1782	30.13	< LOD	7.18	129.28	10.1	313.57	11.49	33.86	4.79	< LOD	8.2	16.24	7.97	< LOD	4.95	< LOD	8.65
Y647839	405539	6848024	1783	30.15	< LOD	7.12	149.79	11.03	383.21	12.93	33.1	4.9	< LOD	8.73	39.04	10.3	< LOD	4.98	< LOD	12.34
Y647840	405577	6847991	1784	30.4	7.44	4.86	93.48	9.52	340.26	12.03	35.9	4.93	< LOD	9.4	44.26	10.49	< LOD	4.31	< LOD	12.98
Y647841	405704	6847900	1785	30.12	< LOD	6.97	152.9	10.88	479.85	13.69	24.56	4.15	< LOD	6.84	< LOD	9.14	< LOD	4.35	< LOD	7.8
Y647842	405751	6847874	1786	30.15	< LOD	7.12	152.4	10.98	446.9	13.49	30.07	4.64	< LOD	8.17	13.15	7.48	< LOD	4.38	< LOD	8.7
Y647843	405805	6847845	1787	30.13	< LOD	7.09	148.79	10.95	431.73	13.37	34.3	4.84	< LOD	8.44	< LOD	10.33	< LOD	3.75	< LOD	8.52

Sample #	Zn	Zn Error	W	W Error	Cu	Cu Error	Ni	Ni Error	Co	Co Error	Fe	Fe Error	Mn	Mn Error
Y647832	63.74	15.5	< LOD	67.55	< LOD	26.99	< LOD	54.85	< LOD	122.13	10556.45	286.77	513.3	89.61
Y647833	84.6	17.45	< LOD	71.08	< LOD	28.62	< LOD	55.33	< LOD	152.89	17034.46	364.32	581.5	96.43
Y647834	84.56	15.26	< LOD	56.97	29.54	16.71	< LOD	46.8	< LOD	106.08	9514.06	248.38	574.22	84.07
Y647835	75.03	15.56	< LOD	59.26	< LOD	25.57	< LOD	51.52	< LOD	130.27	13232.59	308.3	371.57	77.47
Y647836	79.45	17.72	< LOD	73.72	< LOD	29.69	< LOD	60.22	< LOD	171.19	20350.43	408.16	593.78	100.3
Y647837	45.55	13.7	< LOD	64.99	< LOD	24.17	< LOD	55.6	< LOD	127.85	11960.54	298.62	527.72	89.03
Y647838	54.5	15.85	< LOD	68.16	< LOD	29.19	< LOD	62.36	< LOD	182.49	22007.08	430.52	345.36	85.83
Y647839	61.04	16.74	< LOD	73.95	< LOD	31.16	< LOD	66.81	< LOD	169.6	18454.52	402.87	583.5	103.04
Y647840	172.06	23.99	< LOD	75.96	< LOD	29.69	< LOD	61.77	< LOD	194.48	24528.56	457.64	495.78	96.79
Y647841	32.83	13.5	< LOD	65.15	< LOD	27.6	< LOD	59.54	< LOD	174.31	21578.75	413.18	504.98	93.41
Y647842	31.87	13.91	< LOD	66.5	33.5	20.74	< LOD	63.15	< LOD	191.96	24818.77	451.74	553.28	99.68
Y647843	53.9	15.94	< LOD	71.44	< LOD	30.01	66.73	44.12	< LOD	186.18	23136.01	439.77	480.68	95.57

405000 406000 407000

6850000 6849000 6848000 6847000 6846000

EJgL EJqL2 uKC2 cC cB cA DDH

72852 72853 72849 72848 72847 72846 72845 72844 72843 72850 72851 72854 72855 72856 72841 72842 72840 72811 72812 72814 72818 72821 72820 72823 72825 72827 72810 72813 72815 72816 72817 72819 72822 72824 72826 72828

Y647801 Y647802 Y647803 Y647804 Y647805 Y647806 Y647807 Y647808 Y647809 Y647810 Y647811 Y647812

Y647813 Y647814 Y647815 Y647816

Y647818 Y647819 Y647820 Y647821 Y647822 Y647823 Y647824 Y647825 Y647826 Y647827 Y647828 Y647829 Y647830 Y647831 Y647832 Y647833 Y647834 Y647835 Y647836 Y647837 Y647838 Y647839 Y647840 Y647841 Y647842 Y647843

61o 45' N

115H/15

115H/10

72829 72839 72838 72830 72837 72836 72835 72831 72832 72833 72834

250 0 250 500 750 1000 m

TAUT Project, Yukon Territory

XRF CU (ppm)
Geochemistry

Nov. 18, 2021
Grid: UTM; Datum: NAD83, Zone 8

Legend

- Quartz Vn with Moly
- Age Date: 76.12 +/-0.72 Ma
- NTS_Index_50k
- Property outline Dec2020
- Outcrop Poly
- Assumed Contact
- Inferred Contact
- Defined Contact
- Faults
- 1980 Noranda Drill Holes
- 1980 Noranda Drill Holes
- Tahte Mystery Bowl
- South Ridge Zone
- Hematite Breccia Zone
- North West Anomaly
- Ribbon_Zone_Mo

Taut2021_XRF_soil

- 0 - 0
- 0 - 34
- 34 - 48
- 48 - 72
- 72 - 337

APPENDIX X

Thin Section Report

APPENDIX X - TAUT THIN SECTIONS

Eight rocks were selected from the TAUT project area for thin section examination, with rock slabs sent to Vancouver Petrographic for preparation. The thin section were then sent to Dr. Tim Liverton for petrographic examination and photomicrography. The section numbering (T8 – T15) continues from a series of thin sections examined in 2019 by Dr. Liverton (T1 – T7) and presented in an appendix to that years assessment report (Mann & Hulstein, 2019). The locations for all thin sections to date are presented on a map below.

TAUT 2021 Thin Section Samples

		UTM NAD83 Zone 8V		
SAMPLE	**Field name**	**East**	**North**	**Field DESCRIPTION**
T8	WDM Pit 21-1	405458	6848767	Polished Thin Section. Pyritic feldspar porphyry boulder with epidote, chlorite, silica alteration from 2021 test pit. Orange- weathering, light green rock. Trace chalcopyrite. Non-magnetic. Rock assay #I065722
T9	RH20101	405414	6848865	YGS age date location, fist size sample of porphyry. Grey weathering grey feld-hbl porphyry, weak epidote alteration, minor FeOx on fractures. Magnetic. Two phases evident in hand samples, a coarser and finer grained groundmass, both with phenos of approx same size.
T10	WDM 049	405469	6848794	Andesitic boulder, crystalline groundmass (non-volcanic), magnetic, c.g. black hbl., pale green to white fspar phenos, epidote.
T11	RH21207A	406040	6848229	Fresh andesite, collected for thin section. Medium grained, magnetite, rare feldspar phenocrysts, calcite alteration along fracture face, some epidote.
T12	RH21207B	406040	6848229	Fresh andesite, collected for thin section. Medium grained, magnetite, rare feldspar phenocrysts, weak chlorite alteration.
T13	I065713	405724	6846928	Boulder from Hematite breccia area south of claims, brecciated, silicified, FeOx.
T14	RH20118	405491	6848756	hand sample of grey weathering grey pyritic andesite porphyry.
T15	WDM 61Au	405550	6848542	Boulder from site of 2019 soil with 61ppb Au. Pyritic, magnetic altd andesite, porphyritic, pale green, epidote.

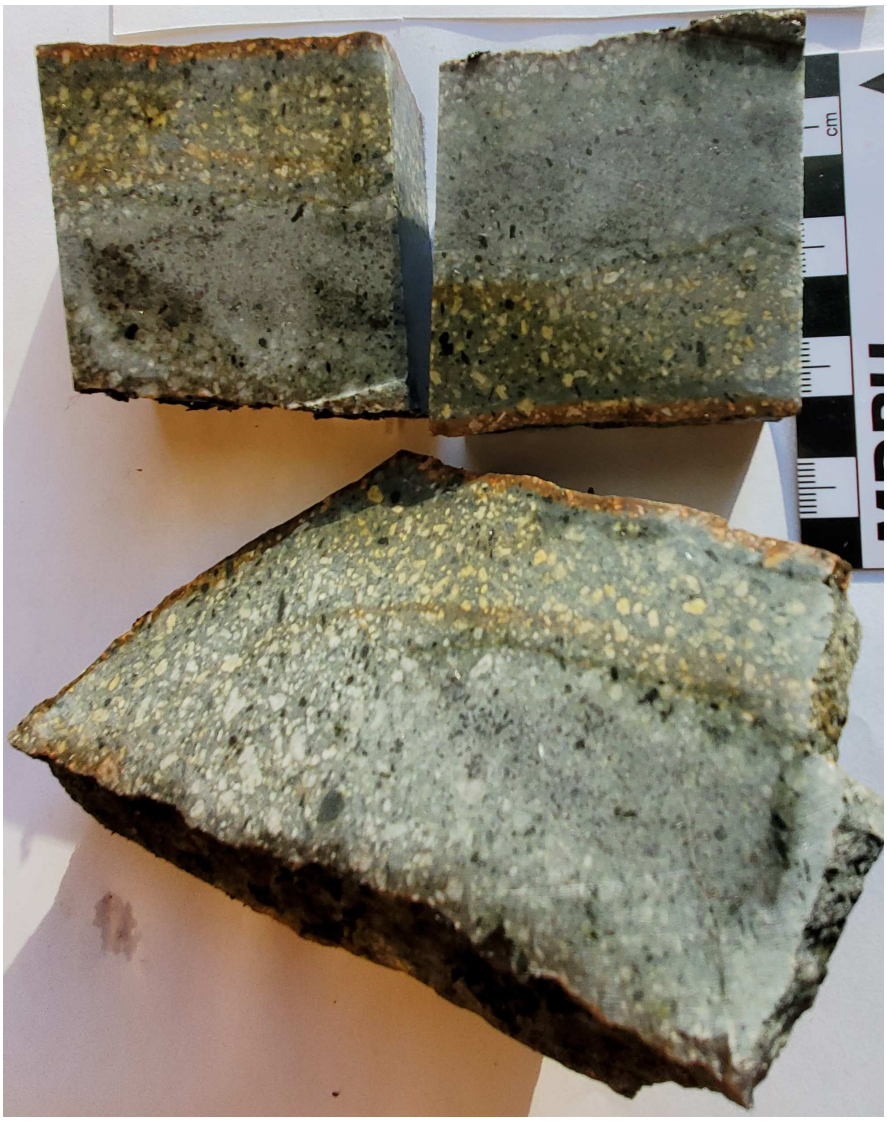
T8

A fine-grained volcanic. Feldspar phenocrysts are up to 1mm long with plagioclase predominating. The groundmass is of feldspar ≤0.1mm grainsize. Contains some epidote to 1mm, which might be pseudomorphs of ferromagnesians: perhaps 1% volume. Opaques are in clusters to 0.5mm: pyrite only. These are in subhedral to rounded anhedral forms.

T8 – Pit 21-1

T9

A highly clay-altered fine-grained volcanic (more altered than T8). Phenocrysts are K-feldspar, euhedral to 4mm long, plagioclase to 2mm long in subhedral form, with hornblende to 3mm in euhedral crystals. Epidote, in 0.2mm anhedral form is both included in feldspars and the groundmass. The groundmass is 0.04-0.08mm grainsize subhedral feldspar and very clay altered. The phenocrysts occupy from 30 to 50% of any particular field. Pyrite (1%) is in subhedral 0.2-0.4mm grains.



T9 – From Age Date Sample Location

T10

This is a heavily clay-altered, probably sub-volcanic intrusive. It has subhedral to euhedral plagioclase and K-feldspar to about 2mm long, with just one plagioclase at 4mm. Anhedral to euhedral hornblende is ≤2mm long. There is very little quartz (0.3mm) and occasional epidote to 0.5mm. The groundmass is of 0.1-0.2mm feldspars with no obvious quartz. It is quite clay altered. Neither apatite nor zircon were noted.

T10 – Andesite

T11

Another clay altered intrusive. It has euhedral K-feldspar to 5mm, euhedral plagioclase to 4mm long, euhedral hornblende to 3mm, though most are 1mm: about 25% of the volume. Euhedral pyrite is to 0.3mm, about 1%. 0.3mm, rounded quartz phenocrysts are rare. The groundmass is <0.1mm anhedral feldspar. Both feldspar phenocrysts and the groundmass are clay altered.

T11 – “Fresh-Looking” Andesite

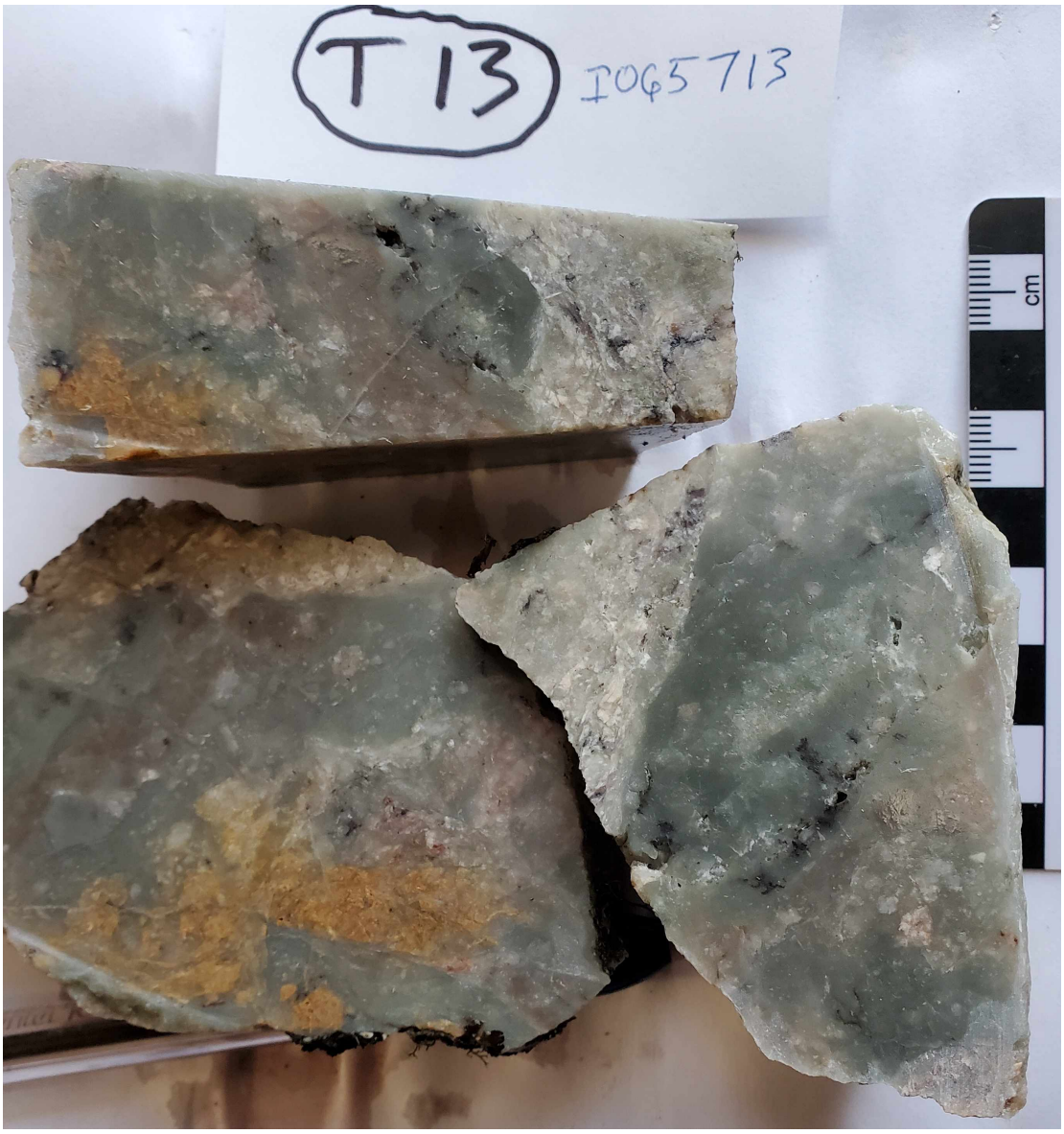
T12

This is a slightly clay-altered intrusive. Some plagioclase phenocrysts and feldspar in the groundmass show clay. Euhedral plagioclase is to 5mm long, K-feldspar to 1mm and subhedral form. Euhedral hornblende (15%) is to 2.5mm long. Subhedral pyrite, 0.5%, is to 0.3mm. The groundmass occupies about 50% and is 0.05mm feldspar. Occasional apatite crystals are 0.06mm long, with rare 0.3mm examples. No zircon was noted.

T12 - “Fresh-Looking” Andesite

T13

This is a highly fractured, v. fine grained volcanic of mostly 0.02-0.04mm feldspars. It has angular masses of quartz to 5mm across that have been brecciated and which occupy 25-30% of the rock. Some of the smaller fracture surfaces carry sericite. Less than a dozen 0.02mm anhedral pyrite grains were noted.



T13 – From Hematite Breccia zone, “silicified”

T14

A highly clay and epidote altered intrusive. Clay alteration of the feldspars, mostly originally plagioclase, is such that their outlines are barely discernable. 0.3mm grains of epidote are common throughout the groundmass. A few 0.3mm pyrite grains are present. Quartz is in angular grains. The groundmass is typically of 0.04mm feldspars which contain some 1mm irregularly shaped masses of quartz and carbonate.

T14 – Andesite porphyry

T15

This is a slightly clay-altered intermediate volcanic or sub-volcanic intrusion. Plagioclase phenocrysts are up to 2mm long, are subhedral to euhedral and have only a little clay alteration. Plagioclase phenocrysts are up to 2mm long, are subhedral to euhedral, and are quite subordinate. Hornblende is euhedral, up to 2mm long, with very slight sericite alteration. One 5mm cluster of the amphibole has some epidote and carbonate. Occasional 0.5mm quartz grains are present. The groundmass is predominantly of 0.05mm feldspars.

T15 – Altered Porphyritic Andesite

ADDITIONAL NOTE ON NOMENCLATURE

The Streckeisen scheme for igneous rock classification relies on the modal proportions of feldspars and quartz. In rocks where much of the bulk is a fine-grained groundmass, this makes identification inaccurate. Judging the proportion of the groundmass that stains with cobaltinitrite, together with proportion of phenocrysts gives an approximate result, but with heavy clay alteration, this might be skewed toward potassic compositions. All of the Taut rocks are intermediate in composition, tending toward plagioclase being somewhat dominant. Quartz content is limited, so most are on the quartz monzonite-diorite line rather than being granites.

TAUT COBALTINITRITE STAINED SLABS

T8

Only the smaller phenocrysts (about 25%) stain. Half of the groundmass has stained.

T9

≥ half of the groundmass has stained.

T10

The phenocrysts are plagioclase. About 2/3 of the groundmass stains.

T11

Coarse phenocrysts are unstained - plagioclase. about half of the groundmass stains.

T12

Phenocrysts are plagioclase. 80% of the groundmass stains.

T13

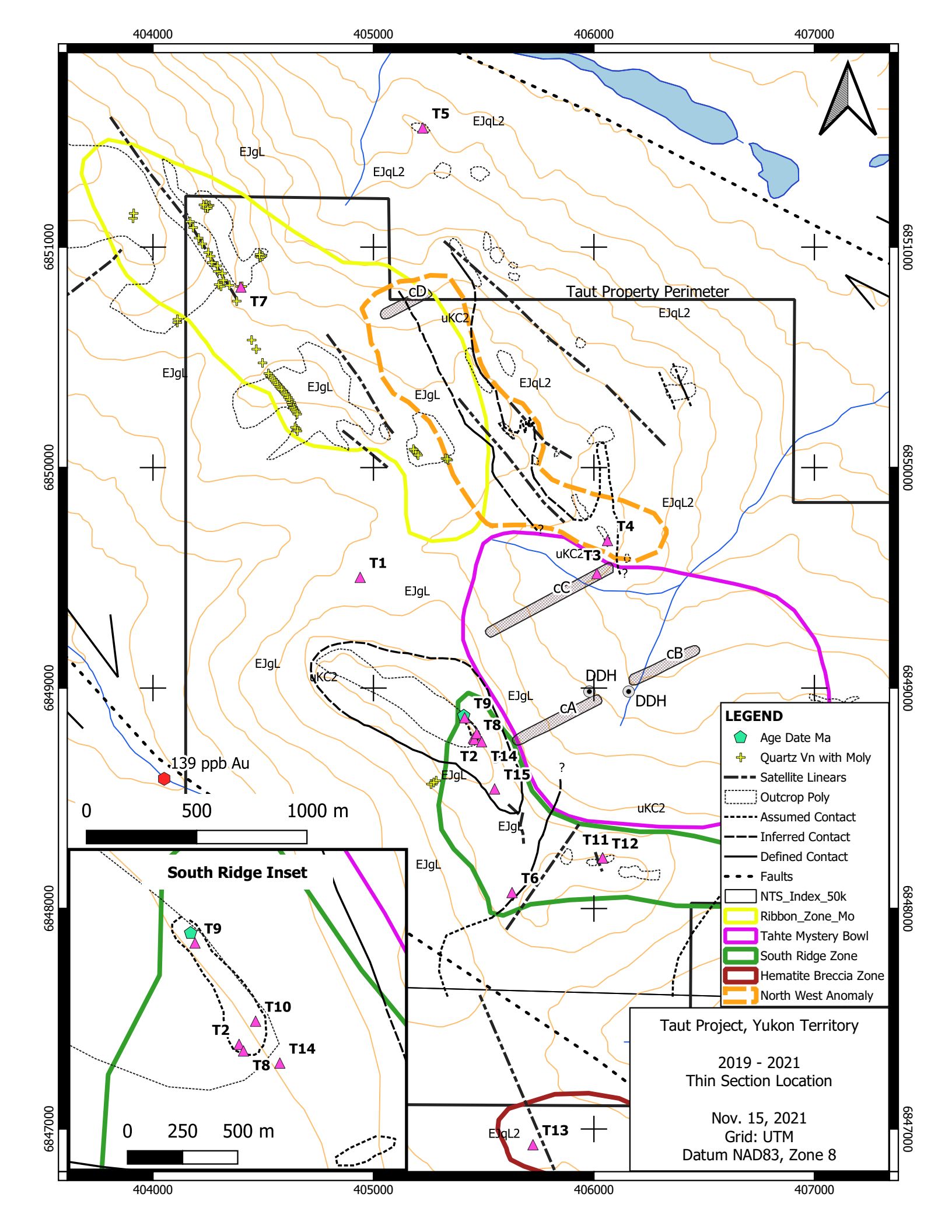
Only a few small phenocrysts stain.

T14

Part of the groundmass (< 50%) stains. The few large phenocrysts are plagioclase.

T15

Phenocrysts are plagioclase. About half of the groundmass stains.


404000
405000
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407000
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6850000
6849000
6848000
6847000
T5
EJqL2
EJgL
T7
cD
uKC2
Taut Property Perimeter
T4
T3
T1
cC
cB
DDH
cA
T9
T8
T2
T14
T15
139 ppb Au
0 500 1000 m
T11
T12
T6
T10
T13
South Ridge Inset
0 250 500 m
LEGEND
Age Date Ma
Quartz Vn with Moly
Satellite Linears
Outcrop Poly
Assumed Contact
Inferred Contact
Defined Contact
Faults
NTS_Index_50k
Ribbon_Zone_Mo
Tahte Mystery Bowl
South Ridge Zone
Hematite Breccia Zone
North West Anomaly
Taut Project, Yukon Territory
2019 - 2021
Thin Section Location
Nov. 15, 2021
Grid: UTM
Datum NAD83, Zone 8

MAP
POCKET

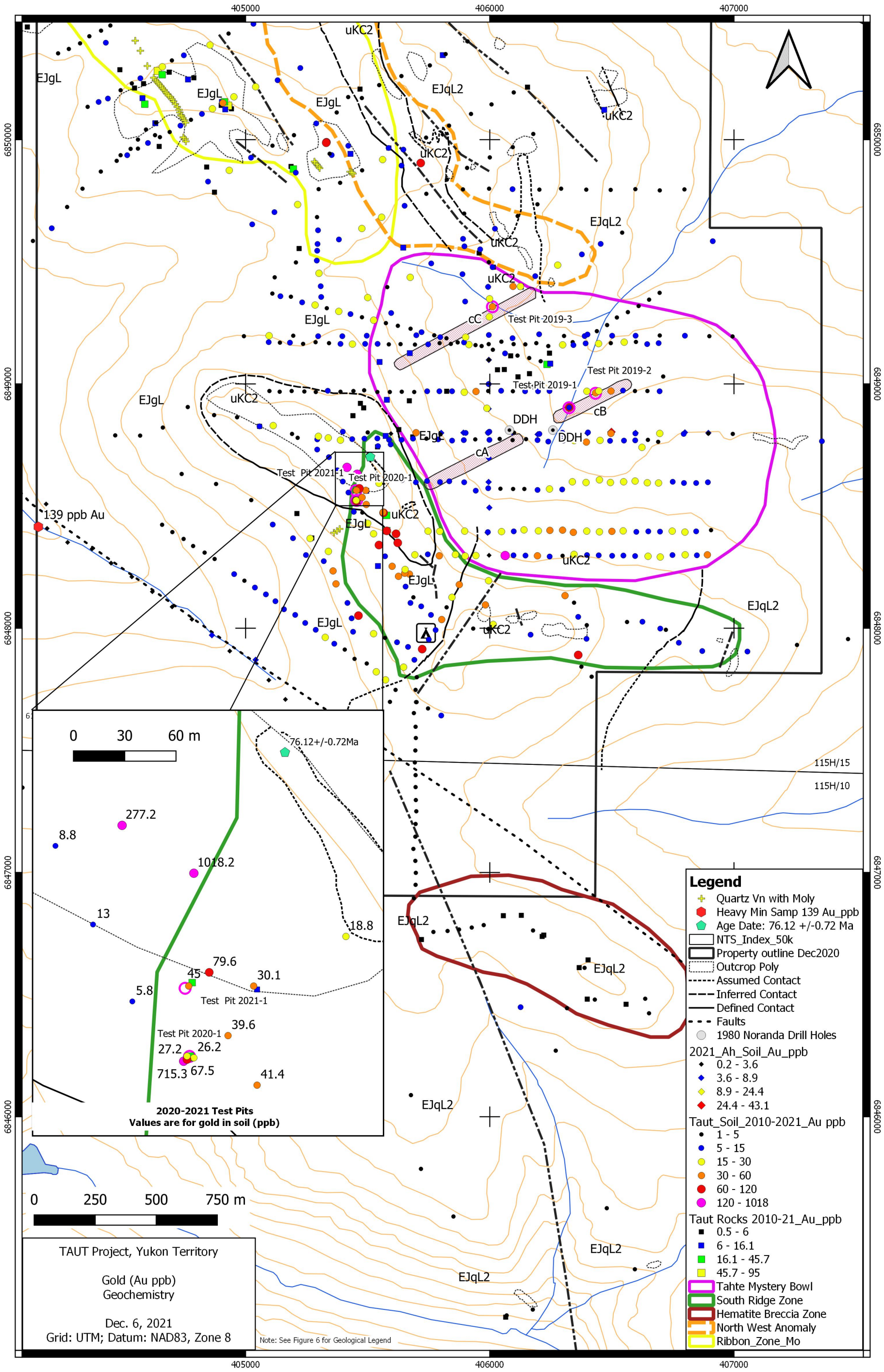

Figure 7. Au Geochemistry

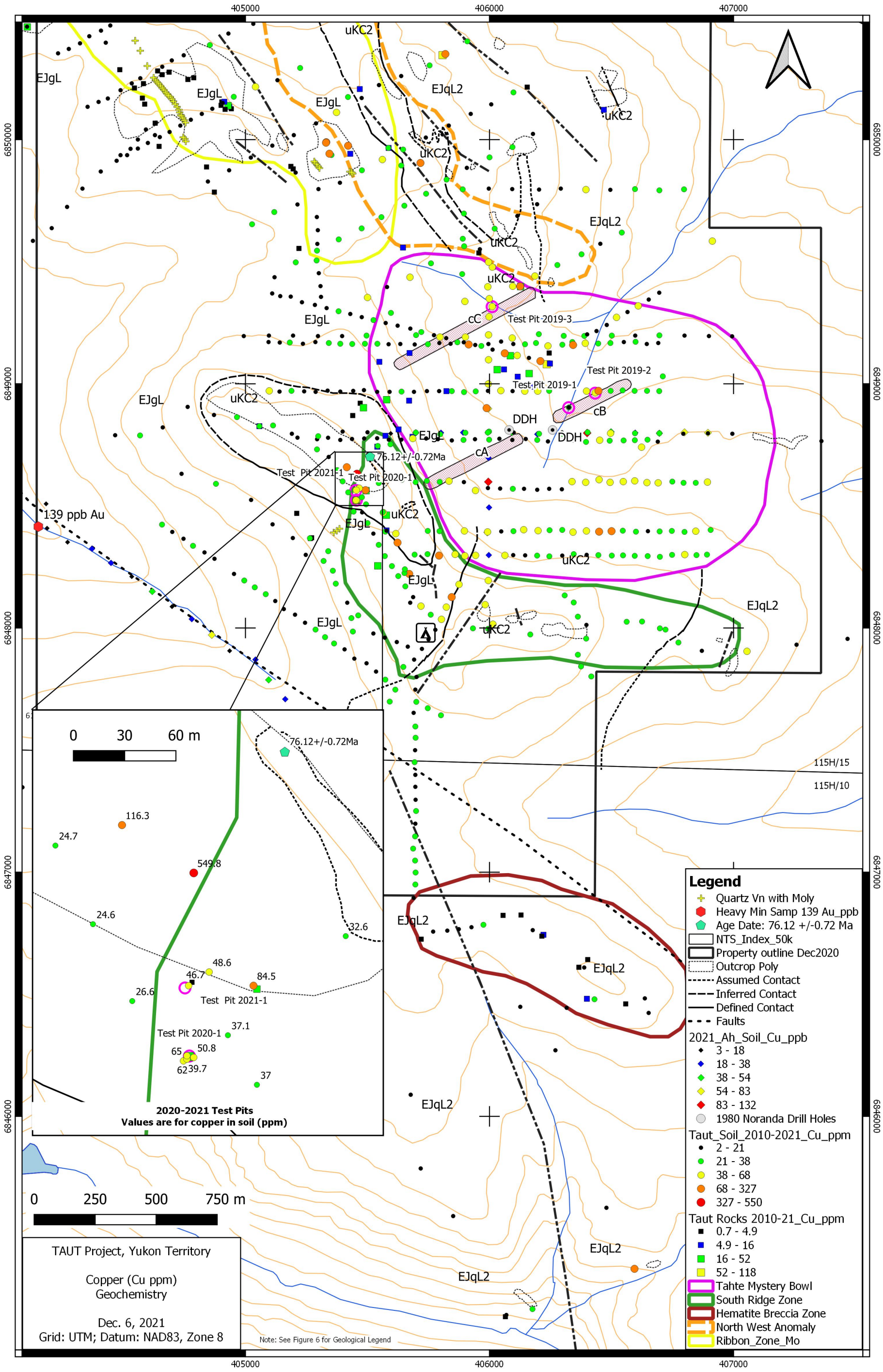

Figure 8. Cu Geochemistry

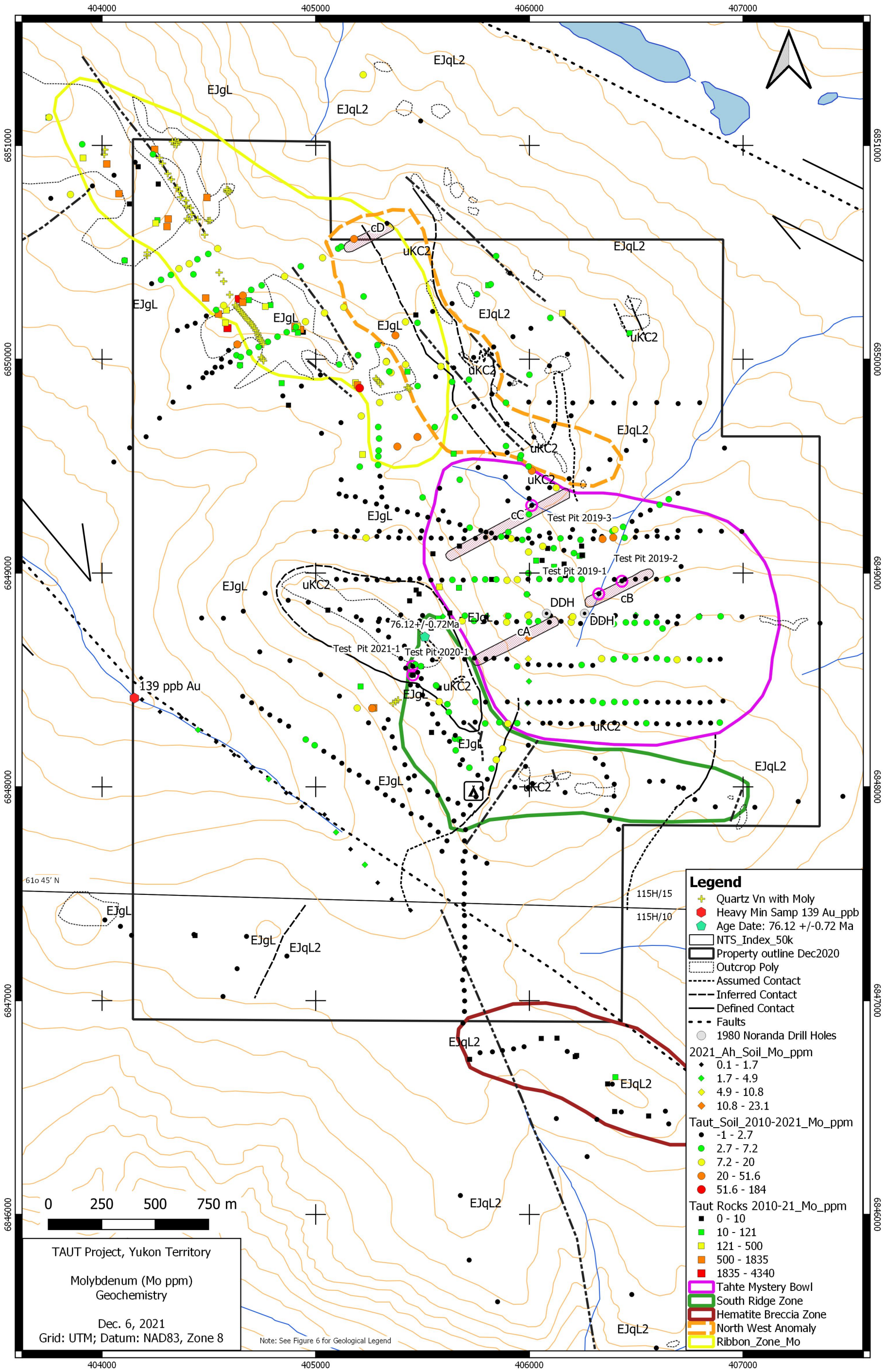

Figure 9. Mo Geochemistry

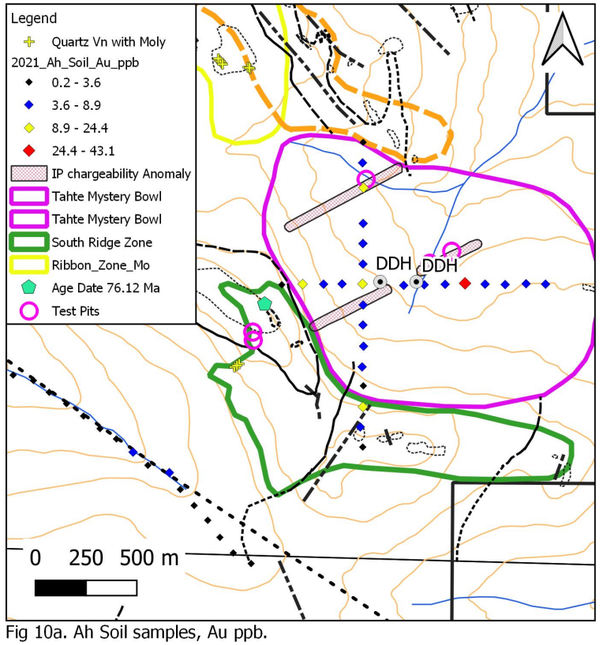

Fig 10a. Ah Soil samples, Au ppb.

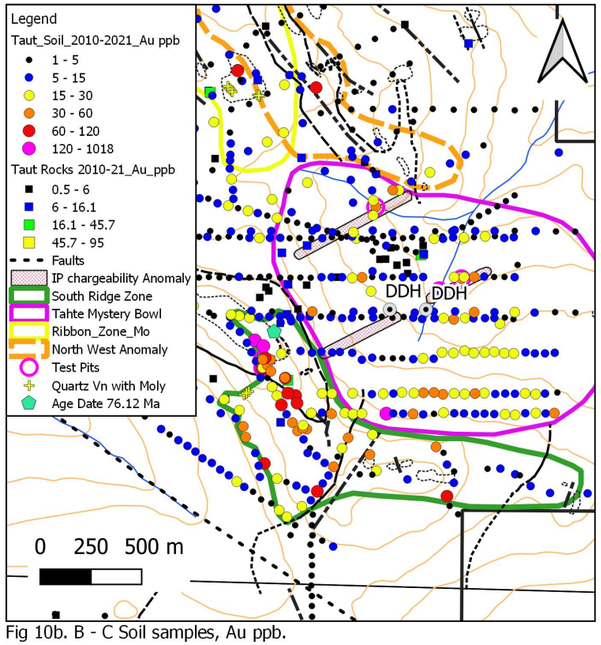

Fig 10b. B - C Soil samples, Au ppb.

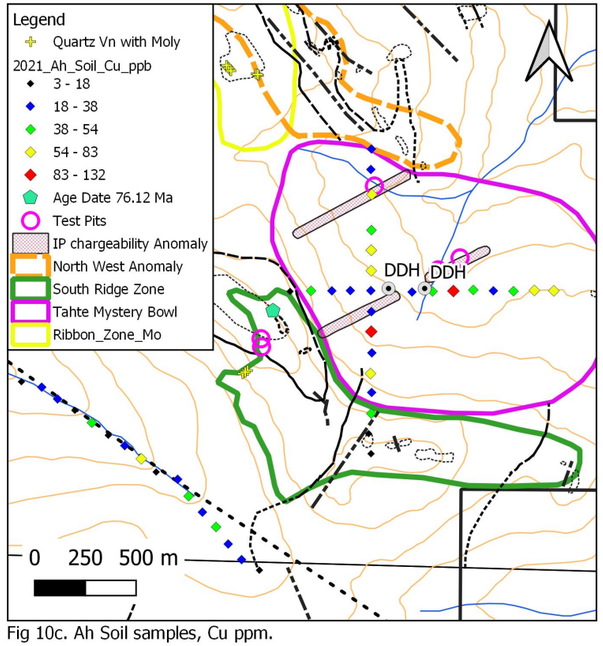

Fig 10c. Ah Soil samples, Cu ppm.

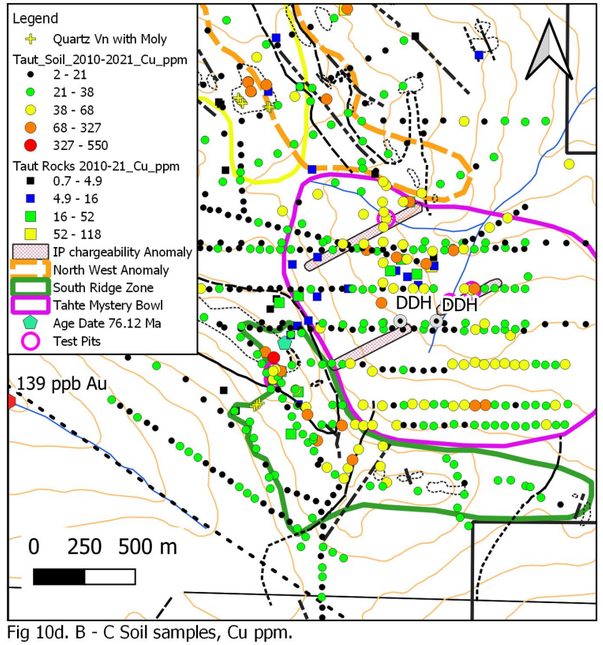

Fig 10d. B - C Soil samples, Cu ppm.

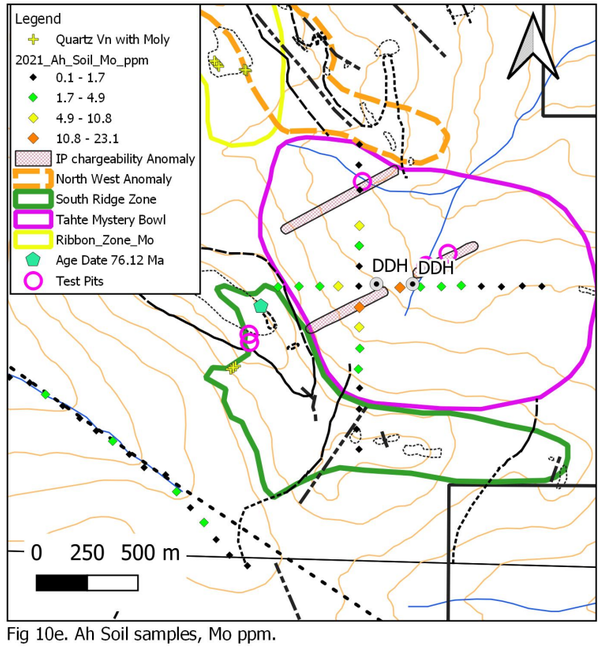

Fig 10e. Ah Soil samples, Mo ppm.

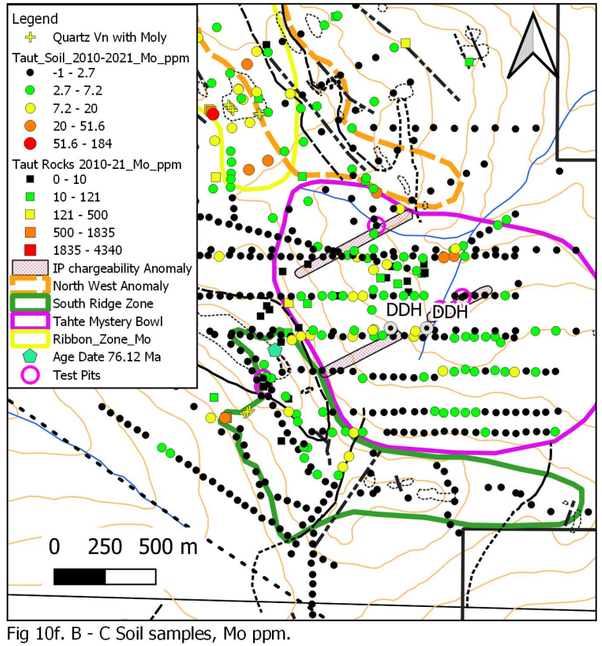

Fig 10f. B - C Soil samples, Mo ppm.

Figure 10. Ah vs Conventional Soil Geochemistry – Au, Cu, Mo

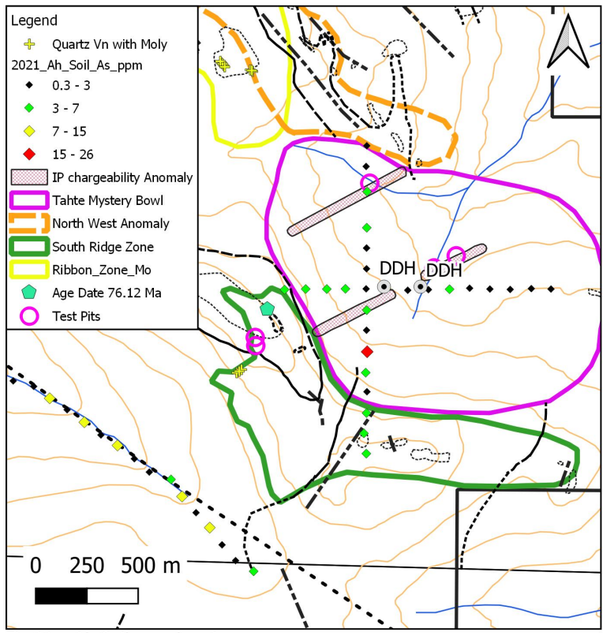

Fig 11a. Ah Soil samples, As ppm.

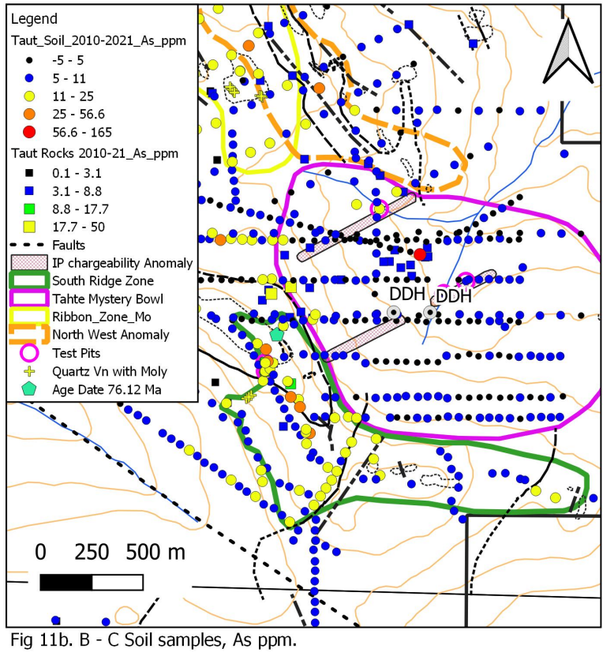

Fig 11b. B - C Soil samples, As ppm.

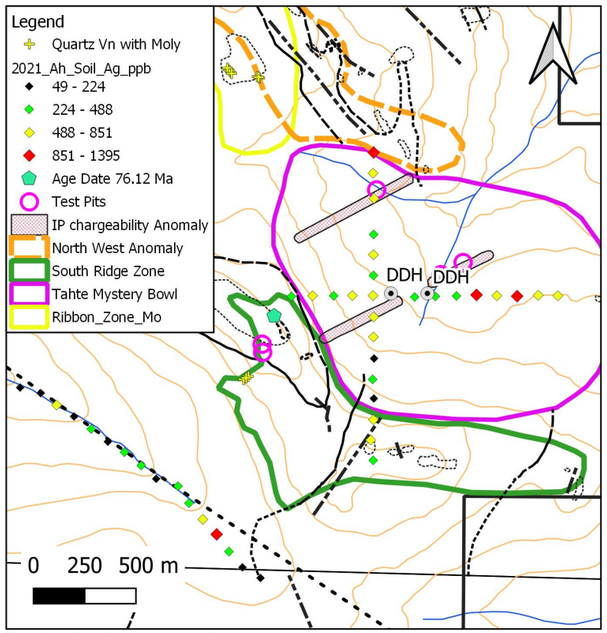

Fig 11c. Ah Soil samples, Ag ppm.

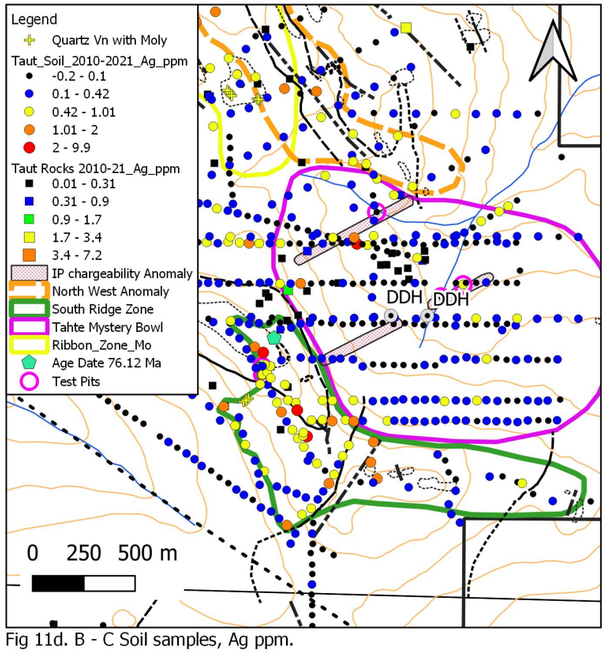

Fig 11d. B - C Soil samples, Ag ppm.

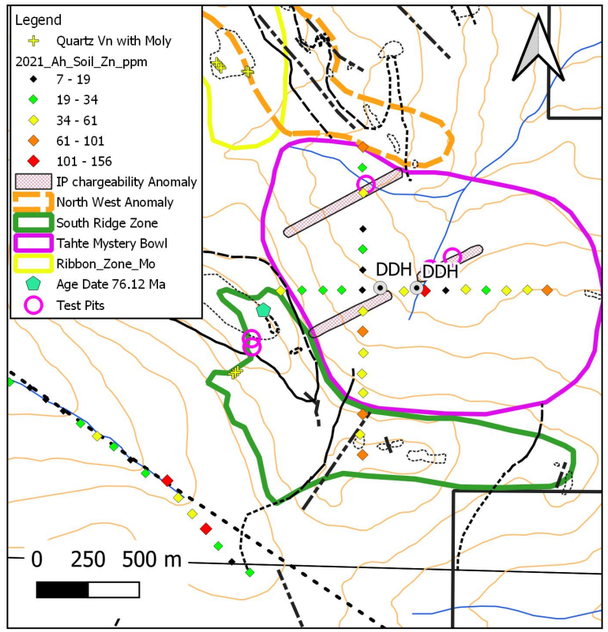

Fig 11e. Ah Soil samples, Zn ppm.

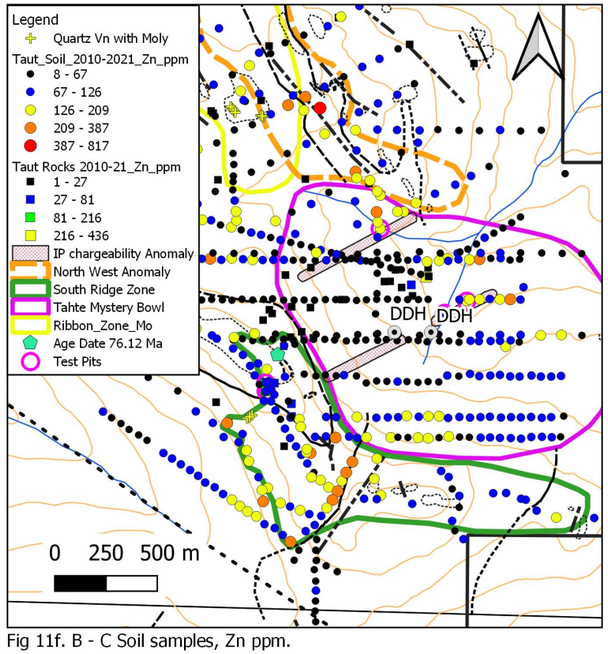

Fig 11f. B - C Soil samples, Zn ppm.

Figure 11. Ah vs Conventional Soil Geochemistry – As, Ag, Zn

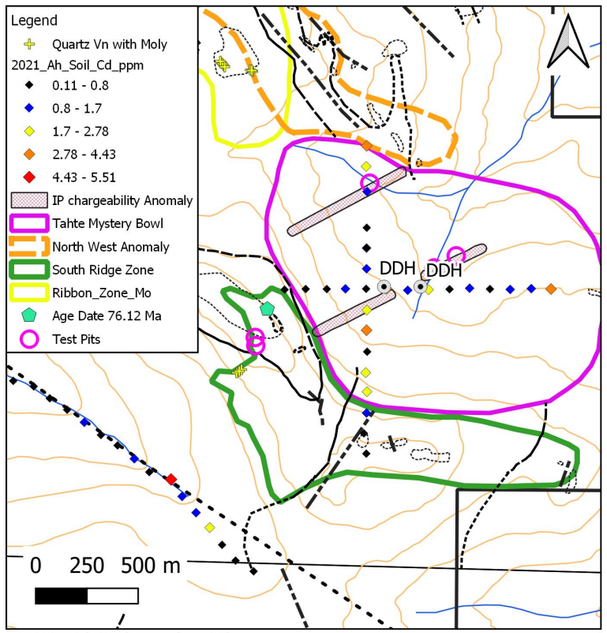

Fig 12a. Ah Soil samples, Cd ppm.

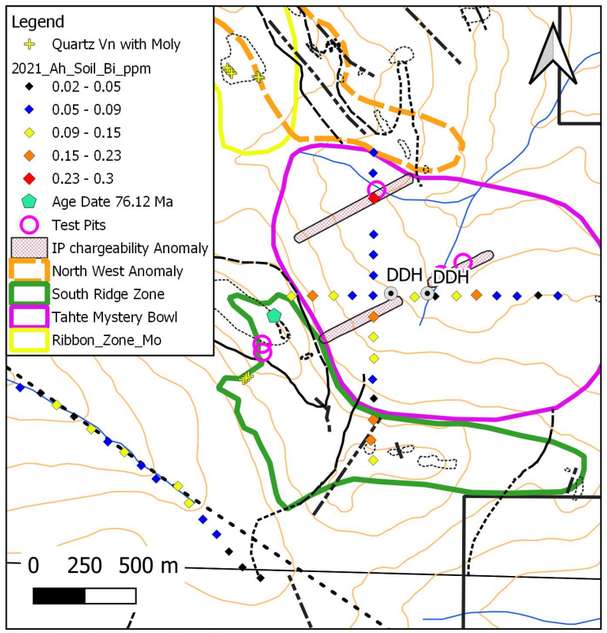

Fig 12c. Ah Soil samples, Bi ppm.

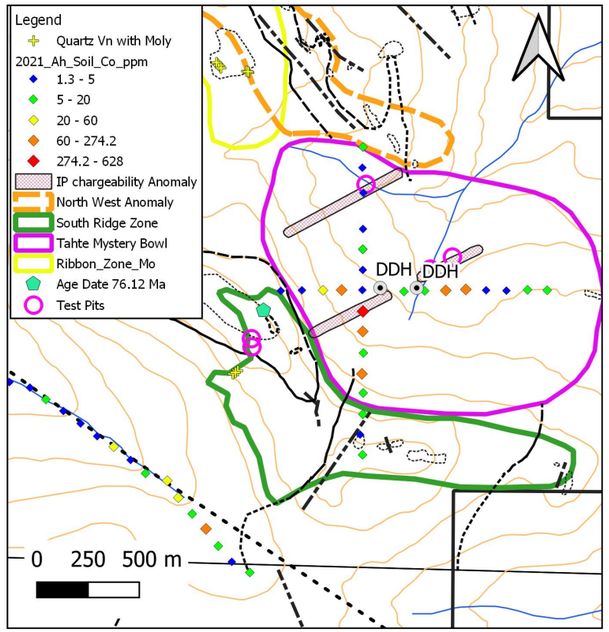

Fig 12e. Ah Soil samples, Co ppm.

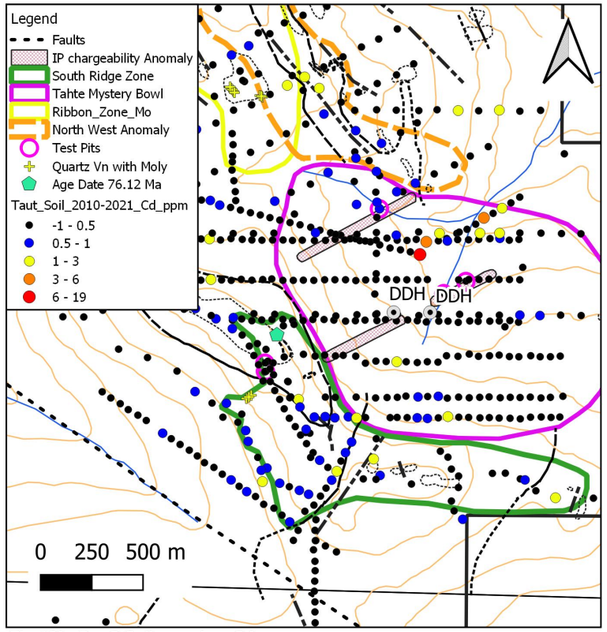

Fig 12b. B - C Soil samples, Cd ppm.

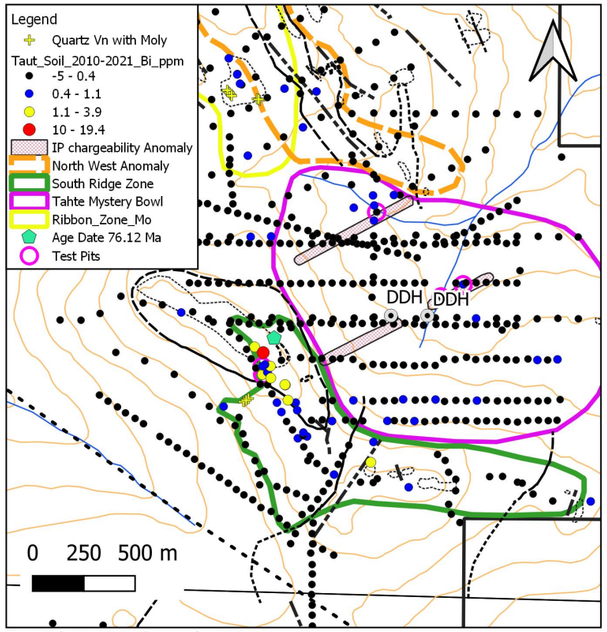

Fig 12d. B - C Soil samples, Bi ppm.

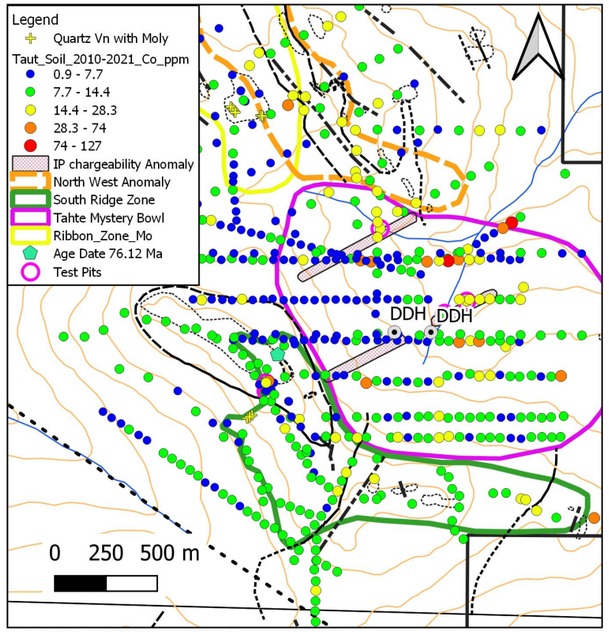

Fig 12f. B - C Soil samples, Co ppm.

Figure 12. Ah vs Conventional Soil Geochemistry – Cd, Bi, Co

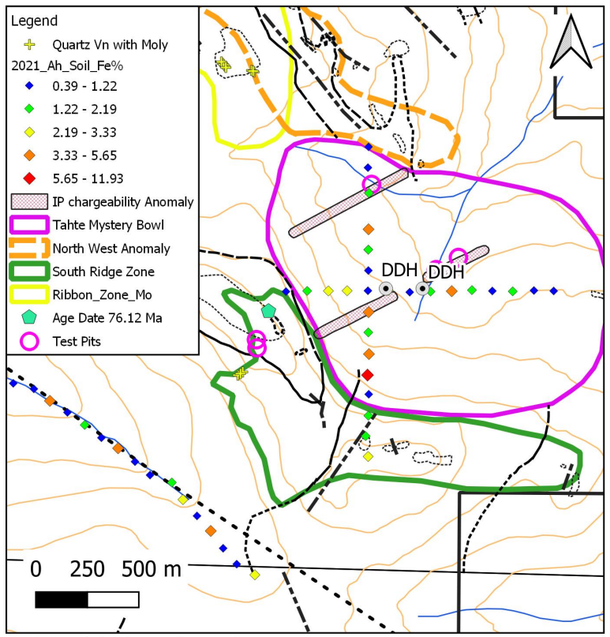

Fig 13a. Ah Soil samples, Fe%.

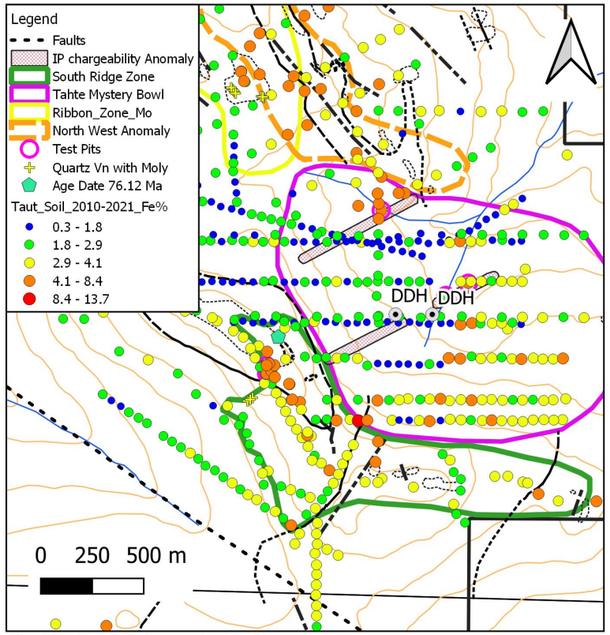

Fig 13b. B - C Soil samples, Fe%.

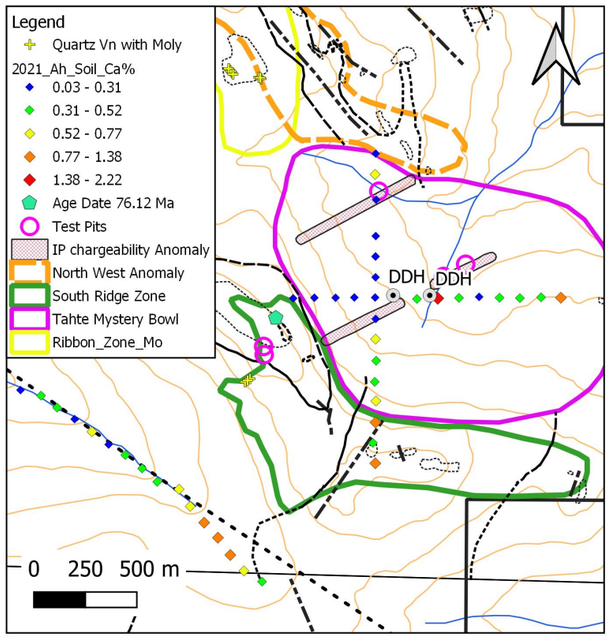

Fig 13c. Ah Soil samples, Ca%.

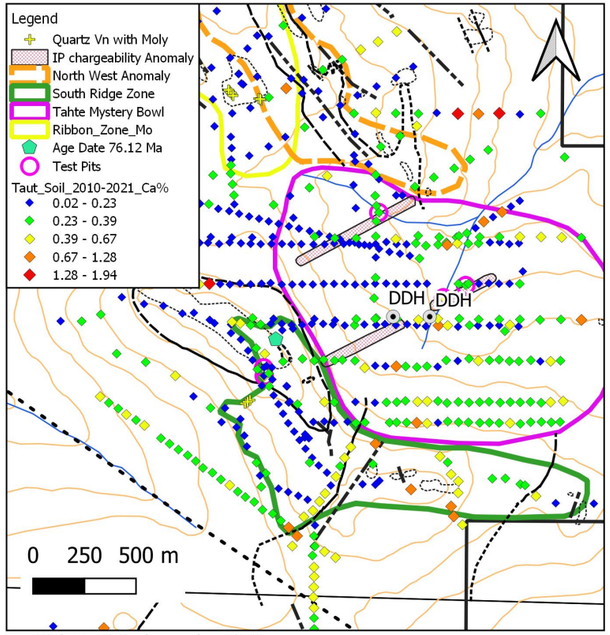

Fig 13d. B - C Soil samples, Ca%.

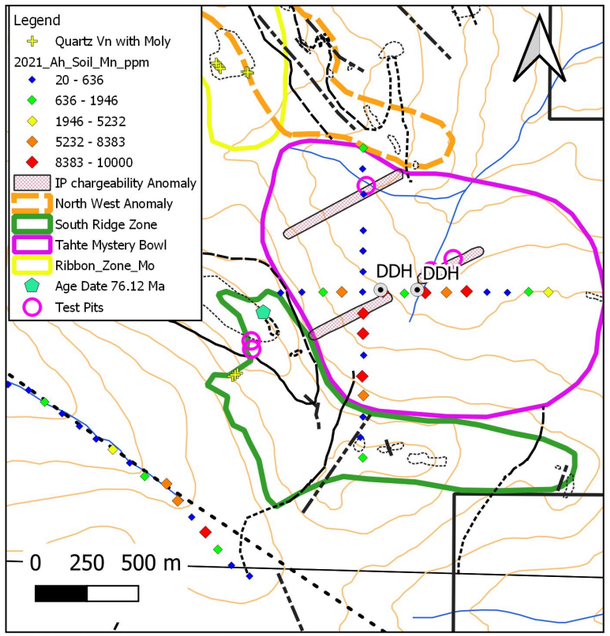

Fig 13e. Ah Soil samples, Mn ppm.

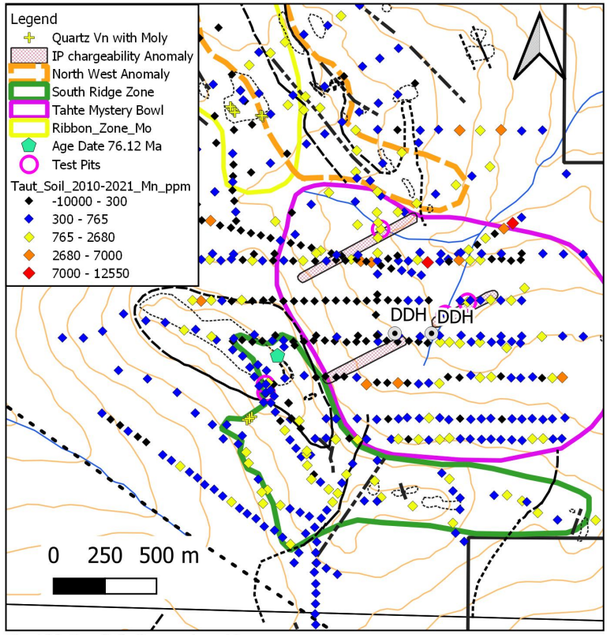

Fig 13f. B - C Soil samples, Mn ppm.

Figure 13. Ah vs Conventional Soil Geochemistry – Fe, Ca, Mn

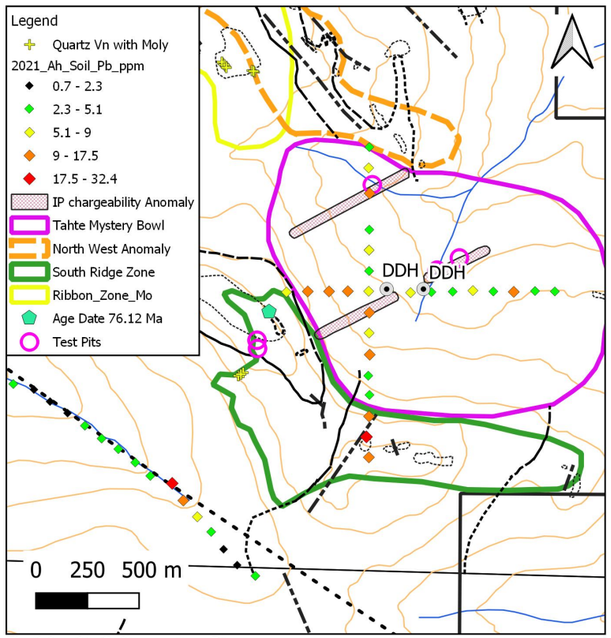

Fig 14a. Ah Soil samples, Pb ppm.

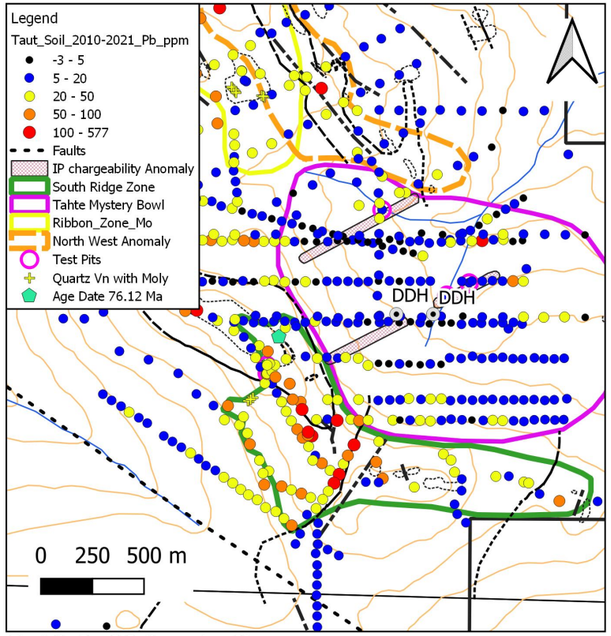

Fig 14b. B - C Soil samples, Pb ppm.

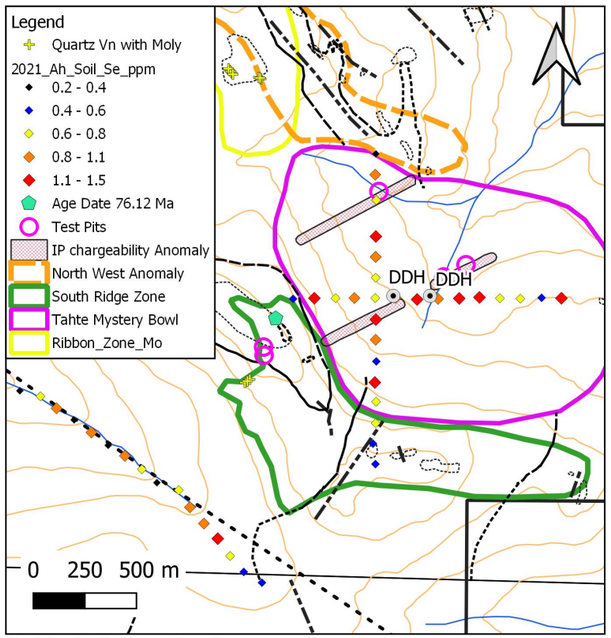

Fig 14c. Ah Soil samples, Se ppm

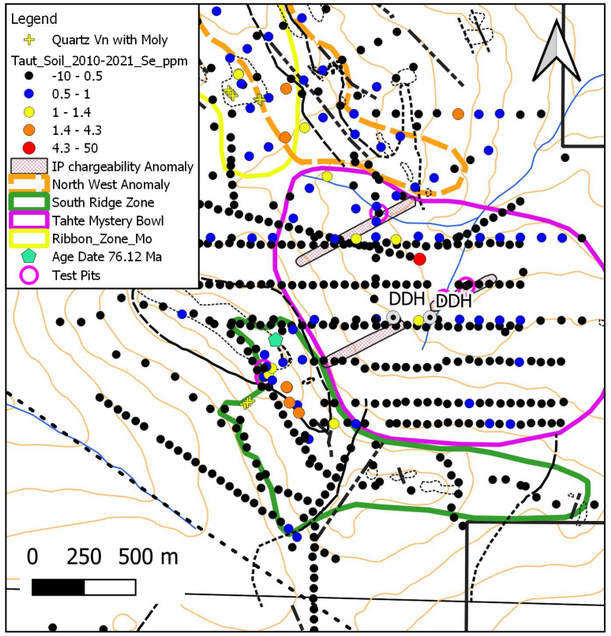

Fig 14d. B - C Soil samples, Se ppm.

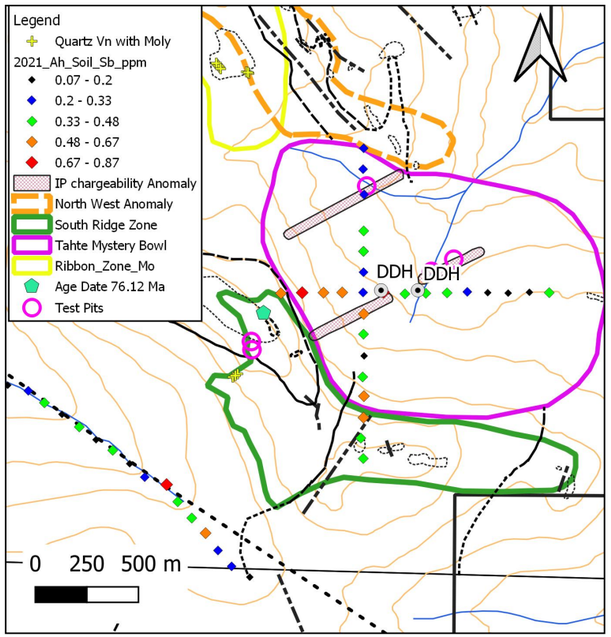

Fig 14e. Ah Soil samples, Sb ppm.

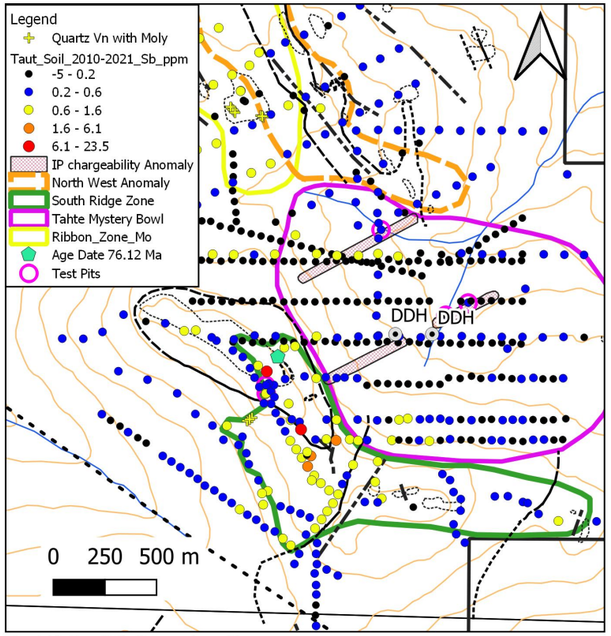

Fig 14f. B - C Soil samples, Sb ppm.

Figure 14. Ah vs Conventional Soil Geochemistry – Pb, Se, Sb

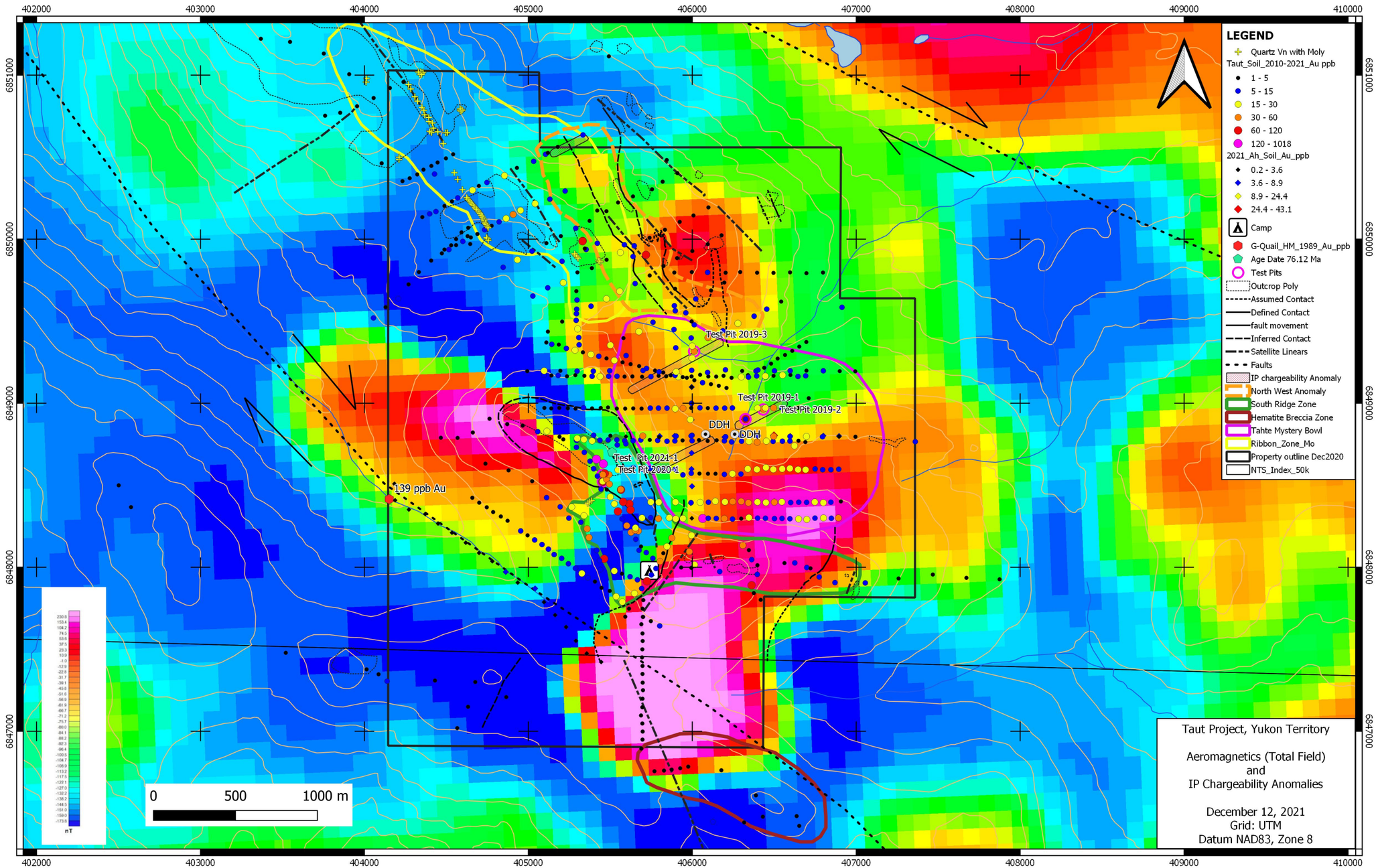

Figure 15. Magnetics, IP, Geology and Au Compilation