TECHNICAL REPORT ON THE METLA PROPERTY,

Atlin Mining Division, Northwestern British Columbia

Tulsequah Map Area (NTS 104K/07)
Latitude 58 23'N, Longitude 132 37'W

Prepared for:

Stuhini Exploration Ltd.

By:

Lithos Geological Ltd.

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October 20th, 2018

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1. Summary

The Metla property is a gold-silver-base metal prospect located in the Chechilda Range of the Coast Mountains in northwestern British Columbia. It is approximately 150 km south of town of Atlin and 150 km west of the town of Dease Lake. The property is centred at 58°22' north latitude and -132°35' west longitude. Access to the property is by helicopter from Atlin or Dease Lake.

The Metla property consists of 7 contiguous mineral claims and covers an area of 6,457.33 hectares. The claims are 100 percent owned by Stuhini Exploration Ltd. of Vancouver, B.C.

Regionally, the property straddles the contact between the Jurassic quartz diorite of the Coast Plutonic Complex to the southwest and the sedimentary Palaeozoic to Lower Triassic Stikine Assemblage and Upper Triassic Stuhini Group volcano-sedimentary rocks to the northeast. These rocks are intruded by Late Cretaceous or Paleocene granite to felsic plugs of the Windy Table Suite. The Windy Table Suit is considered part of the Taku River-Trapper Lake-Tatsamenie Lake Cretaceous continental arc volcanoplutonic belt.

On the property, northwest trending steep easterly dipping massive andesitic volcanic rocks are underlain by an interbedded series of andesite, pyritic mudstone, impure limestone and calcareous sediments. Extensive areas of phreatic or hydrothermal vent breccia occur cross cutting the volcanic and sedimentary rocks. The breccia is aligned in a northwesterly trending zone 800 metres wide by 2000 metres in length. The breccia consists of an iron rich pyritic carbonate matrix supporting clasts of volcanics, sediments and rarely sulphide (Mawer, 1989).

Gold mineralization was first discovered on the property in 1957. Follow up work in 1988 identified a 1200 metre long by 800 metre wide boulder train with disseminated to massive quartz and sulphide that assayed up to 180 grams per tonne gold. Three styles of mineralization have since been recognized on the property and include the following;

- Irregular massive to disseminated quartz and sulphide typically adjacent to carbonate hydrothermal breccia, often where argillite clasts predominate.
- Massive to disseminated quartz and sulphide in beds as either replacement or syngenetic mineralization.
- Disseminated sulphide within carbonate hydrothermal breccia veins.

No mineral resources or reserves have been identified on the Metla property at this time.

Alteration minerals noted in petrographic studies suggests low to moderate mineralizing temperatures in line with a low to intermediate sulphidation system in the epithermal regime or a volcanogenic massive sulphide system with an associated feeder system. Notable geological features include the spatial association between the breccia bodies and the cross-cutting faults in the Metla Creek Area implying the structures play an important role as conduits for the mineralizing fluids. Moreover, sulphide mineralization is typically associated with or hosted by argillite or in breccia with abundant argillaceous clasts, suggesting that the chemistry of the argillites may influence the precipitation of the sulphides. Finally, the mineralization that occurs as sulphide stringers and stratabound layers conformable to bedding within the argillites may be genetically related to the fluids responsible for the mineralized breccia.

Although limited drilling and extensive mapping and sampling has occurred on the property, the source of the mineralized boulders scattered throughout Metla Creek Area has not been determined or adequately tested. Two airborne geophysical surveys have been flown over the property. The first survey consists of a “Combined Magnetic, Electromagnetic and VLF Survey” flown by Aerodat Ltd. in 1991. More recently, a “Versatile Time Domain Electromagnetic (VTEM^{TM}) Survey” was flown by Geotech Ltd. in 2018. The surveys have identified EM conductors, VLF-EM anomalies and VTEM^{TM} anomalies that occur within the vicinity of the mineralized boulder trains.

The Metla property is considered greenfield exploration which refers to exploration in uncharted territory, where mineral deposits are not already known to exist. The Metla Property is a grassroots project with limited exploration to date. Current recommendations include Maxwell Plate modeling of the recent airborne VTEM^{TM} geophysical survey, 1:10,000 scale geologic mapping with a focus on alteration and structure as well as drilling of identified geological and geophysical targets.

2. Introduction and Terms of Reference

2.1. Qualified Person and Participating Personnel

Stuhini Exploration Ltd. is engaged in the exploration of the Metla Property, Atlin Mining Division, British Columbia (B.C.).

In the fall of 2017, Andrew Wilkins, P.Geo of Lithos Geological Inc. was commissioned by Stuhini Exploration Ltd. of Vancouver, B.C. to examine and evaluate the geology and mineralization on the Metla Project, to make recommendations for the next phases of exploration work in order to test the economic potential of the property and to complete a

Technical Report summarizing the findings of the study to meet the requirements of National Instrument 43-101 ("the instrument") and Form 43-101F1. In August of 2018, the author was asked to update the report to include the Geotech airborne VTEM^{EM} geophysical survey flown in the spring of 2018. Lucia Theny of Lithos Geological Inc. assisted the author in all aspects of the preparation of the report.

The report describes the property in accordance with the guidelines specified in National Instrument 43-101 and is based on historical information and an examination and evaluation of the property, by Lucia Then from August 2nd to 9th and the author from September 14th to 16th, 2017. Both Lucia Theny and the author were previously familiar with the property as they worked on it from September 18th to 23rd, 2012 for Ocean Park Ventures. The author was assisted in the field by Clive Aspinall, P.Eng, of Atlin, B.C., Ashlee Schmaltz, G.I.T, of Vernon, B.C. Dr. Reinhardt Ramdohr and Janet Miller of Whistler, B.C.

2.2. Terms, Definitions and Units

All costs contained in this report are denominated in Canadian dollars. Distances are primarily reported in metres and kilometers and in feet when reporting historical data. The annotation 020º/55ºE refers to an azimuth of 020º, dipping 55º to the east. GPS refers to global positioning system. DDH refers to diamond drill hole. VLF-EM refers to a very low frequency electromagnetic type of geophysical survey. Minfile showing refers to documented mineral occurrences on file with the British Columbia Geological Survey.

The term ppm refers to parts per million, which is equivalent to grams per metric tonne and ppb refers to parts per billion. The symbol % refers to weight percent unless otherwise stated.

Elemental abbreviations used in this report include: gold (Au), silver (Ag), copper (Cu), cadmium (Cd), iron (Fe), lead (Pb), zinc (Zn), arsenic (As), antimony (Sb), bismuth (Bi) and sulphide (S). Minerals found on the Metla property include pyrite (iron sulphide), arsenopyrite (iron, arsenic sulphide), chalcopyrite (copper sulphide), galena (lead sulphide), sphalerite (zinc sulphide), magnetite (iron oxide), tetrahedrite (copper antimony sulfosalt), pyrrhotite (iron sulphide), electrum, bournonite (lead, copper, antimony sulfosalt), niccolite (nickel arsenide), gersdorffite (nickel arsenic sulfide), hematite (iron oxide), stibnite (antimony sulphide), and boulangerite (lead antimony sulfide).

2.3. Source Documents

Sources of information are detailed below and include available public domain information and personally acquired data:

- Research of Minfile data at minfile.gov.bc.ca/searchbasic.aspx
- Research of mineral tittles at https://www.mtonline.gov.bc.ca/mtov/home.do
- Review of annual assessment and company reports filed with the Ministry of Energy and Mines http://aris.empr.gov.bc.ca/
- Review of the Wóoshtin wudidaa Atlin Taku Land Use Plan at https://www2.gov.bc.ca/gov/search?id=2E4C7D6BCAA4470AAAD2DCADF662E6A0&tab=1&q=recreational+managment+zone+tatsamenie
- Review of other proprietary company data.
- Review of geological maps and reports completed by the British Columbia Geological Survey and the Geological Survey of Canada
- Published scientific papers and thesis on the geology and mineral deposits of the region and on mineral deposit types.

The author has previous independent experience and knowledge of the region having worked on the Metla and Trapper properties in 2011 and 2012.

2.4. Limitations, Restrictions and Assumptions

The author has assumed that the previous documented work on the property is valid and has not encountered any information to discredit such work. Check samples collected in 2017 are consistent with the tenor of mineralization reported by previous operators but do not constitute detailed quantitative check analyses.

2.5. Scope

This report describes the geology, previous exploration history and mineral potential of the Metla Project. Research included a review of the historical work that related to the immediate area of the property. Regional geological data and current exploration information have been reviewed to determine the geological setting of the mineralization and to obtain an indication of the level of industry activity in the area. The Metla property was examined and evaluated by the author from August 2nd to 9th and September 14th to 16th, 2017.

3. Reliance on Other Experts

The author has not relied on any other experts in preparation of this report.

4. Property Description and Location

4.1. Location

The Metla property is located 150 kilometres south of Atlin B.C., 150 kilometres west of Dease Lake, B.C., 100 kilometres northwest of Telegraph Creek, B.C., and 105 kilometres East of Juneau Alaska, United States of America (U.S.A). The property is centered at approximately 58° 23'N latitude, 132° 37'W longitude (Figure 4.1) on the southwestern slopes of Metlatulin Mountain, within the Atlin Mining Division of northwest B.C. The area is mainly alpine; with elevations ranging from 780 to 2,253 metres. Helicopter bases in Atlin and/or Dease Lake provide the best direct access to the property.

4.2. Mineral Rights, Permits and Environmental Liabilities

The 7 mineral claims cover 6457.33 hectares of crown land and are 100 percent owned by Stuhini Exploration Ltd of Vancouver, B.C. (Figure 4.2). Tenure numbers, areas, issue and expiration dates of the subject claims are tabulated in the Table 1 as per the British Columbia Ministry of Energy and Mines online mineral titles website.

There are, to the best of the author's knowledge, no other agreements or encumbrances such as royalties or back in rights to which the property is subject to.

Table 1 - Metla Tenure

Title Number	Claim Name	Owner	Title Type	Map Number	Issue Date	Good To Date	Area (ha)
393212	METLA #1	Stuhini Exploration Ltd.	Mineral	104K	2002/MAY/21	2019/MAR/31	500.0
1046482	METLA #2	Stuhini Exploration Ltd.	Mineral	104K	2016/SEP/05	2019/MAR/31	152.7119
1046506	METLA #3	Stuhini Exploration Ltd.	Mineral	104K	2016/SEP/06	2019/MAR/31	33.924
1046977		Stuhini Exploration Ltd.	Mineral	104K	2016/SEP/29	2019/MAR/31	1171.3529
1046978		Stuhini Exploration Ltd.	Mineral	104K	2016/SEP/29	2019/MAR/31	1662.1538
1046979		Stuhini Exploration Ltd.	Mineral	104K	2016/SEP/29	2019/MAR/31	1255.481
1046994		Stuhini Exploration Ltd.	Mineral	104K	2016/SEP/30	2019/MAR/31	1681.7221

Figure 4.1 - Location Map

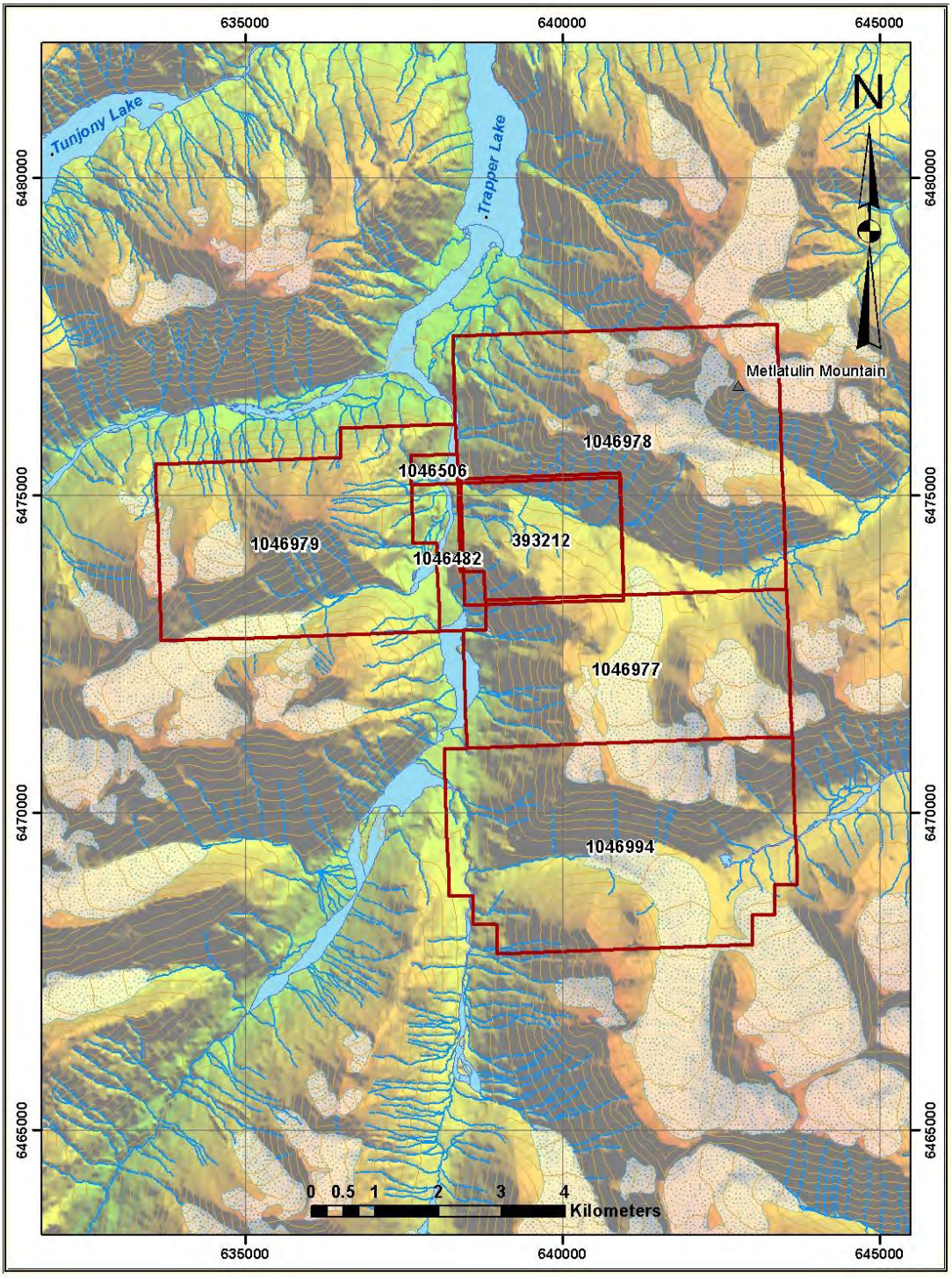


Figure 4.2 - Metla Claim Map, drawn by Andrew Wilkins, Metla Claims in red outline.

Mineral titles must be maintained in good standing with the Ministry of Energy and Mines by timely performance and recording of physical work or by payment of cash in lieu of work. Failure to record work or pay cash in lieu of work before the expiry date of tenure will result in immediate forfeiture of that tenure. Work requirements are $5.00 per hectare per year in years one and two, $10.00 per hectare per year in years three and four, $15.00 per hectare per year in years five and six, and $20.00 per hectare per year thereafter. Payments instead of exploration and development work are double the value of the corresponding work requirement. All the Metla tenures are currently in good standing to March 31st, 2019. To extend the claims for one year to March 31st, 2020, expenditures of $69,574 are required. To extend the claims for a second year to March 31st, 2021, expenditures of $84,546 are required.

There are no known environmental liabilities on the Metla Property.

A Mines Act permit is required for any work that disturbs the surface with mechanical equipment. Such a permit will include an approval of the current exploration program and mine plan, adequate protection of land and watercourses, and a reclamation program. Obtaining a Mines Act permit requires filling out an application, consulting with First Nations and posting a reclamation security bond with the province. The reclamation security bond is returned once the mine site has been reclaimed to a satisfactory level and there is no ongoing monitoring or maintenance requirements. The Mines Act also requires an operator to be aware of possible areas and items of archaeological significance, and to have in place measures to preserve for evaluation any “chance find” that may be recognized as part of exploration or development of a mineral property

Currently Stuhini Exploration Ltd. has been issued a Mines Act permit and has posted a reclamation security bond of $42,000.00 with the Province of British Columbia.

The Metla Property falls within the Tatsamine-Trapper Lake Resource Management Zone (RMZ). Area Specific Resource Management Zones (ASRMZs) are geographically defined areas where there is resource management direction for some resource values that are incremental to the General Management Direction (GMD). The management intent for Area Specific RMZs is to maintain the sensitive values or specific uses for which the zone has been designated while allowing for a mix of appropriate land uses consistent with the management intent for the zone. Mineral exploration and development is considered an appropriate land use in all Area Specific Resource Management Zones. The management directives are as follows:

- Major hydroelectric development is prohibited within this zone. Small hydroelectric development for local use is allowed, (e.g. to service local facilities such as cabins and lodges).
- Minimize, mitigate and where possible avoid ground and in-stream disturbance within and adjacent to identified-salmon supporting waterways and spawning areas.
- Continue to allow the lakes to be used as float plane access for early stage exploration.
- Plan mineral exploration and development (and other industrial development) staging areas and other infrastructure to minimize the effects on the cultural, ecological, visual, recreation and wilderness vales of the RMZ, particularly from/on the lakes. Avoid using key cultural, ecological and/or recreation sites for staging areas and infrastructure. Consideration should be given to developing a set of guidelines for areal access for industry on the key lakes of the RMZ.

Other than as outlined in this section of the technical report, there are no other recognized factors and risks that may affect access, title, or the right or ability to perform work on the Metla Property.

5. Accessibility, Climate, Local Resources, Infrastructure and Physiography

5.1. Accessibility

Current access to the property is by helicopter. The closest towns in B.C. are Atlin, 150 kilometres to the north and Dease Lake, 150 kilometres to the east. There is a mining exploration camp with an airstrip located on the Sutlahine River, about 30 kilometres to the northwest. Trapper Lake, situated on the northern border of the claims is accessible by float plane. The closest road is the deactivated Golden Bear Mine road, 25 kilometres to the southeast.

5.2. Climate and Physiography

The Metla Property is located in the Chechilda Range on the lee side of the Coast Mountain range and just west of the Stikine plateau. Elevations range from a low of 780 metres near Trapper Lake to a high of 2,253 metres at the peak of Mount Metlatulin. Terrain ranges from gentle to rugged. Treeline occurs between 1,000 and

1,200 metres with a valley forest cover composed of dwarf balsam fir with an undergrowth of willow and juniper bushes. Where vegetation is present above treeline, it consists of alpine meadows made up of heather, lupine and other alpine flowers.

The climate in the area is typical of the lee side of the Coast Range Mountains with summer temperatures ranging from 5°C to 20°C, and winter temperatures ranging from -30°C to -10°C. Precipitation in the form of snow generally exceeds 1.5 metres of accumulation in a typical winter. Summer and early fall are the preferred exploration working seasons. At this stage of exploration, the costs and effort involved in removing snow and snow avalanche control make working in the winter not a viable option.

Alpine glaciers have carved a rugged landscape and the property reflects its glaciated history with U shaped valleys consisting of steep cliffs and talus slopes along valley sides and flatter, ablation till and gravel covered valley bottoms. Grassy meadows occur at treeline and alpine glaciers exist at higher elevations. The glaciers have retreated significantly since the initial exploration programs.

5.3. Local Resources and Infrastructure

The Metla property occurs on crown land in a remote and rugged part of northwestern B.C. Currently there is no infrastructure on or into the property. Any exploration or development work in the vicinity of the property will have to be entirely self-supporting in terms of infrastructure. Mining operations, should they be warranted, will have sufficient areas for processing plant, mining camp, waste rock storage and tailings disposal. Potential air strip and camp site locations have been identified by Aspinall (2014). There is no power available in the area and either a run of river power plant or diesel power plant would need to be built. Ample water is available from many local sources. The towns of Atlin and Dease Lake in British Columbia and the city of Whitehorse in the Yukon are sources of manpower for a potential mine. Skilled labour would most likely have to come from further afield. The past producer Golden Bear Mine is 25 kilometres to the southeast. There is a deactivated road to the old mine site.

6. History

Table 2 summarizes the work history on the Metla Property. The first detailed regional geology map of the Trapper-Tatsamenie Lake area was produced by Souther, the Tulsequah Map sheet (NTS 104K) (Map 1262A, 1971). Subsequent regional mapping conducted by the British Columbia Geological Survey (BCGSB) in areas north and south of Tatsamenie Lake was carried out by Oliver and Hodgson (1989, 1990),

Bradford and Brown (1993), Oliver and Gabites (1993) and Oliver (1995). The BCGSB work looked at the geology and gold mineralization near Muddy Lake at the Golden Bear Mine (Oliver and Hodgson, 1989), the geochronology and polyphase deformation southeast of Tatsamenie Lake (Oliver and Gabites, 1993) and mapping the Tulsequah mine area (Mihalynuk et al., 1994; Sherlock et al., 1994; Sebert et al., 1995).

Mineralization was first discovered in 1957 by Cominco prospectors working out of a camp near Trapper Lake. The Cominco crew sampled a brecciated feldspar porphyry dyke mineralized with pyrite, sphalerite and galena near the edge of a permanent ice and snow field. A sample from this showing assayed 0.32 ounces per ton gold, 1.4 ounces per ton silver, 0.1% copper, 0.2% lead and 1.0% zinc (Mawer, 1989).

The BCGSB in conjunction with the Geological Survey of Canada (GSC) conducted a regional geochemical survey (RGS) of the 104K map sheet in 1987. A sample taken downstream of Metla Creek was not anomalous in any elements, however a stream draining north off of the Metla #5 claim was anomalous in copper and silver (samples 84104K-1127 and 1128).

In 1988 Cominco followed-up on the RGS gold anomalies in the Tatsamenie Lake-Trapper Lake area. The Metla Creek 1957 discovery area was revisited and prospecting in the basin located mineralized float and outcrops of mineralized breccia. Preliminary sampling indicated anomalous gold values over an area 1200 metres long by 800 metres wide. A succeeding program in 1989 consisted of detailed prospecting, geological mapping, trenching and sampling of outcrop and float boulders. A total of 18 trenches were drilled and blasted. Trenching returned results of up to 4.6 ppm gold across 9 metres. A total of 194 rock samples were taken and analyzed. Results included 26% of the samples exceeding 5 ppm gold and 12% exceeding 10 ppm gold. The program identified a boulder train of mineralized float, with multi-element anomalies of gold, silver, copper, lead, zinc and arsenic. In his summary report, Mawer (1989) recommended further exploration work. Figure 6.1 and 6.2 show the trench locations and results of the trenching and blasting. Figure 6.3 shows the location and results of the mineralized boulder trains.

Cominco optioned the property to Galico Resources Inc. (Galico) in March of 1991. Galico commissioned geophysics and drilling work on the property. A “Combined Helicopter-Borne Magnetic, Electromagnetic and VLF Survey” was flown by Aerodat Ltd. in 1991. Electromagnetic, magnetic and altimeter data were recorded both in digital and analog forms. The flight line orientation was N70E, and the nominal flight line spacing

was 100 metres. A total of 370 line kilometres was flown (Dvorak, 1991). Dvorak (1991) concludes that the EM anomalies and conductors in the Metla Creek Area constitute the most attractive conductor targets of the entire survey. They are associated with the best low resistivity zone, with an attractive VLF-EM anomaly, and a suite of interesting magnetic gradient anomalies. Further work was recommended on the identified conductors on the property. Late in 1991, Galico also completed 1,075 metres of BTW diamond drilling all of which was split and stored west of Trapper Lake. The core was moved to the Sutlahine River airstrip in 2011and to Atlin in 2013. Unfortunately the results of the drilling were never reported and no record of drill logs or assays have been located.

Between 1991 and 2001 no new work was reported for the Metla property and in 2001 the claims lapsed. Once the claims had lapsed, Clive Aspinall in partnership with James Dawson re-staked the Metla claims in May of 2002.

In 2002 an exploration program saw 5 days of work designed to rapidly evaluate the southwest slopes of the Metla creek valley. A total of 14 rock samples were collected of which 5 were submitted for analysis. Results of the analysed rocks range from 24 to 500 ppb gold and 56 to 68,484 ppm copper (Aspinall, 2002). A single day of re-logging of the 1991 Galico drill core was also completed during this time (Aspinall, 2002).
The Mineral Deposit Research Unit (MDRU) at the University of British Columbia (UBC) began a research project in 2003 with the objective of examining a newly recognized Late Cretaceous volcanoplutonic complex in the Taku River area of the Stikine Terrane in northwest B.C. Evaluating the mineralization potential along the belt was also part of the project. Special emphasis was placed upon epithermal types of deposits. The Metla Property is believed to be a part of this volcanoplutonic belt. The results of this project are reported in Simmons et al. (2005).

Solomon Resources Ltd (Solomon) entered into an option agreement on the property in 2004. At this time 8 additional contiguous claims were added to the property. Solomon conducted geological, geochemical and prospecting surveys. A total of 200 rock samples (including 146 rock chip samples), 234 contour soil samples, and 18 stream sediment samples were collected. Additionally, the drill core from Galico's

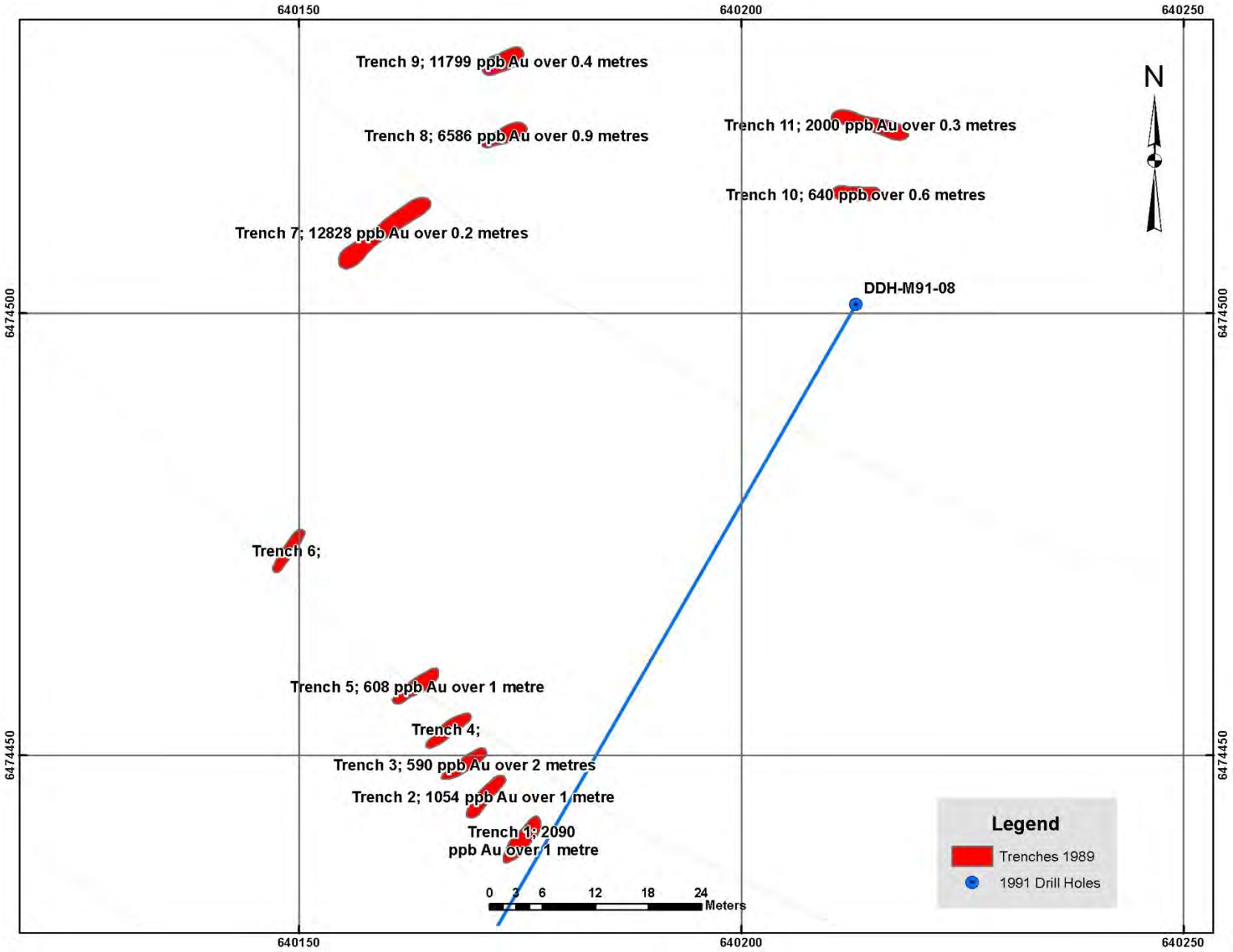


Figure 6.1 - Trench Map South of Metla Creek, drawn by Andrew Wilkins after Mawer, 1989, Tupper, 2005.

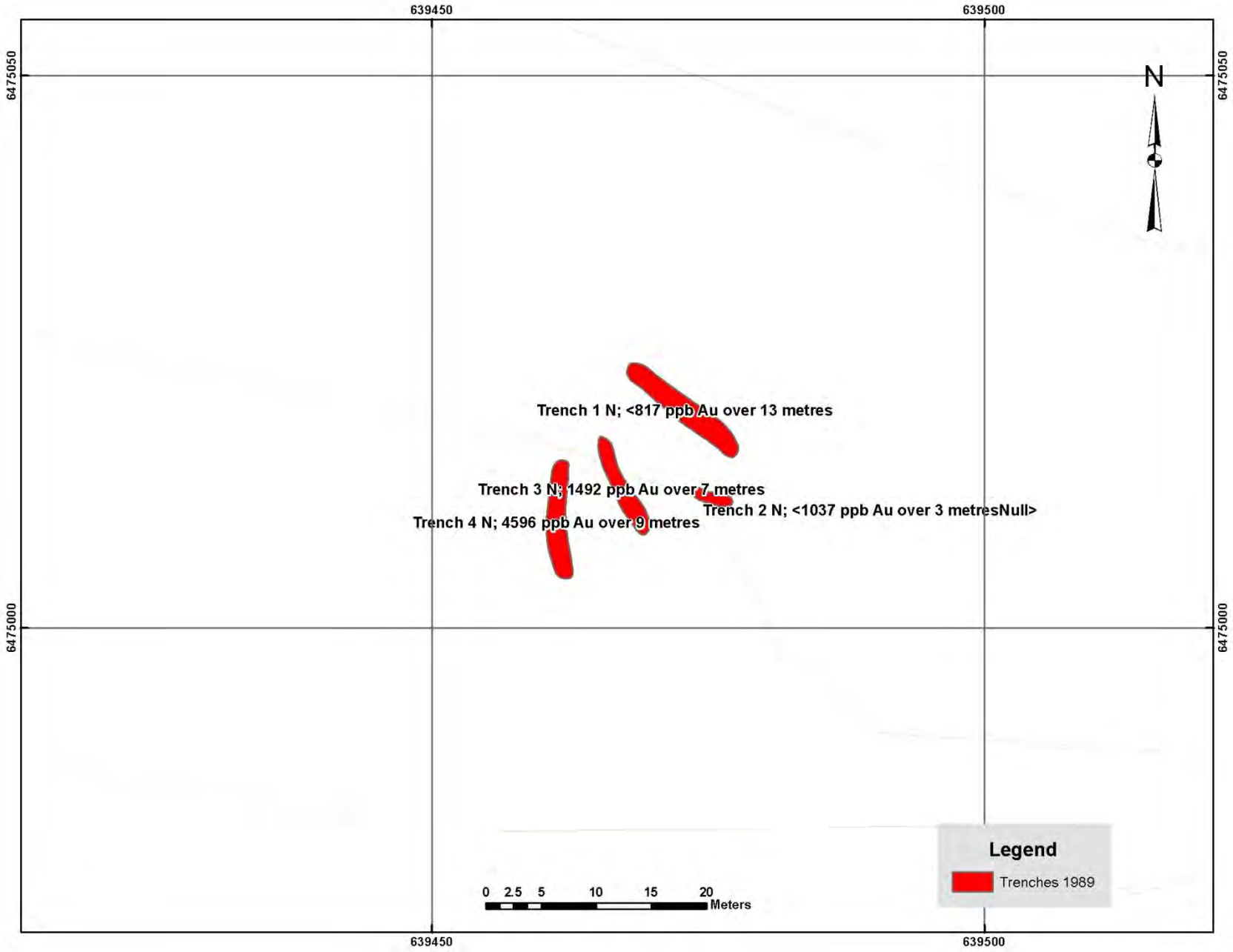


Figure 6.2 - Trench Map North of Metla Creek (Area D), drawn by Andrew Wilkins after Mawer, 1989.

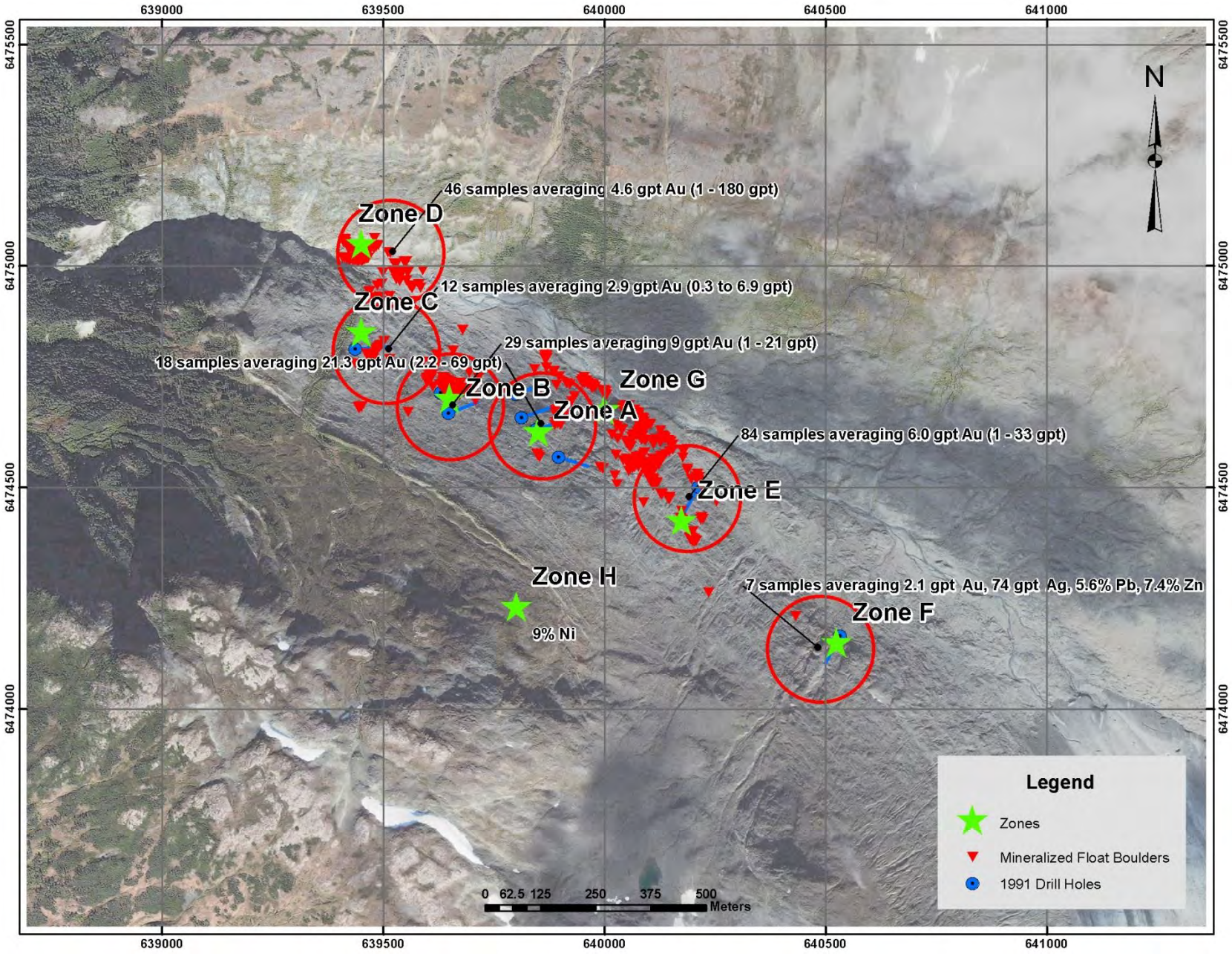


Figure 6.3 - Mineralized Boulders, drawn by Andrew Wilkins after Mawer, 1989, Tupper, 2005.

program in 1991 was re-logged and 5 select samples were sent for analyses (Tupper, 2005).

Indico Technologies Ltd. (Indico) entered into option agreement on the Metla property in 2006 immediately after Solomon terminated its option agreement with the Aspinall-Dawson partnership. Indico collected 129 rock samples for geochemical analysis and 10 rock samples for petrographic analysis. Accompanying the geochemical samples 1:2000 and 1:5000 satellite images were commissioned for the purposes of geological mapping. Indico left the agreement after this exploration campaign (Aspinall, 2006).

2008 saw a 7 day soil geochemical survey conducted by the Aspinall-Dawson partnership. In total 90 soil samples, 10 stream sediment silt samples, 11 float rock samples and 8 grab rock samples were collected and analysed (Aspinall, 2008).

Ocean Park Ventures (Ocean Park) entered into an option agreement with the Aspinall-Dawson partnership in 2011. In August and September of 2011 a total of 19 man days were spent prospecting the Metla claims based out of an exploration camp on the Sutlahine River. In total 76 rock samples were collected from the property including 25 float and 51 grab samples. Samples were collected within a 4 square kilometre area in the valley of the retreating Metla glacier. Crew's also attempted to identify the location of Galico Resources 1991 drill collars. The 1991 drill core was rehabilitated by being placed into new core boxes where necessary, re-labeled with drill hole number and depths and finally moved to the camp on the Sutlahine River for storage (Clift, 2012).

September of 2012, Ocean Park conducted a 36 man-day program of geological, geochemical and prospecting surveys on the Metla property. In total 72 rock samples were collected from the property including 7 float, 55 grab, and 10 composite or chip samples. The comprehensive mapping from the Solomon Resources program in 2004 was digitized. Subsequent GPS controlled mapping from the 2012 program was added to the 2004 mapping (Theny and Wilkins, 2012).

The QUEST-northwest Project re-released RGS data from and around the Metla claims in 2012. This program highlighted several multi-element anomalous samples in the area (Jackman, 2012).

In 2013 a 3 day field program was conducted by Mr. Clive Aspinall. The objective was to ground truth a future grid suitable for an IP survey, to locate potential drill sites and to locate a potential camp. Concurrently, prospecting and 15 float rock samples

were collected for analysis. The 1991 drill core was moved from the Sutlahine River airstrip to Atlin, B.C. (Aspinall, 2014).

In 2015 a 2 day field program was carried out by Mr. Clive Aspinall. The first day consisted of re-evaluating a proposed lading strip at the south end of Trapper Lake The second day involved visiting Zone D of the Metla Creek Area with Dr. Mitch Mihalynuk, a senior project geologist with the B.C. Ministry of Mines and two geology students. A fossiliferous rock sample was taken for geochronology (Aspinall, 2015).

In 2016 Barry Hanslit bought the claims from Mr. Clive Aspinall and Mr. James Dawson. Barry Hanslit subsequently sold the Metla claims to Stuhini Exploration Ltd. in 2017.

Table 2 - Summary of Work History

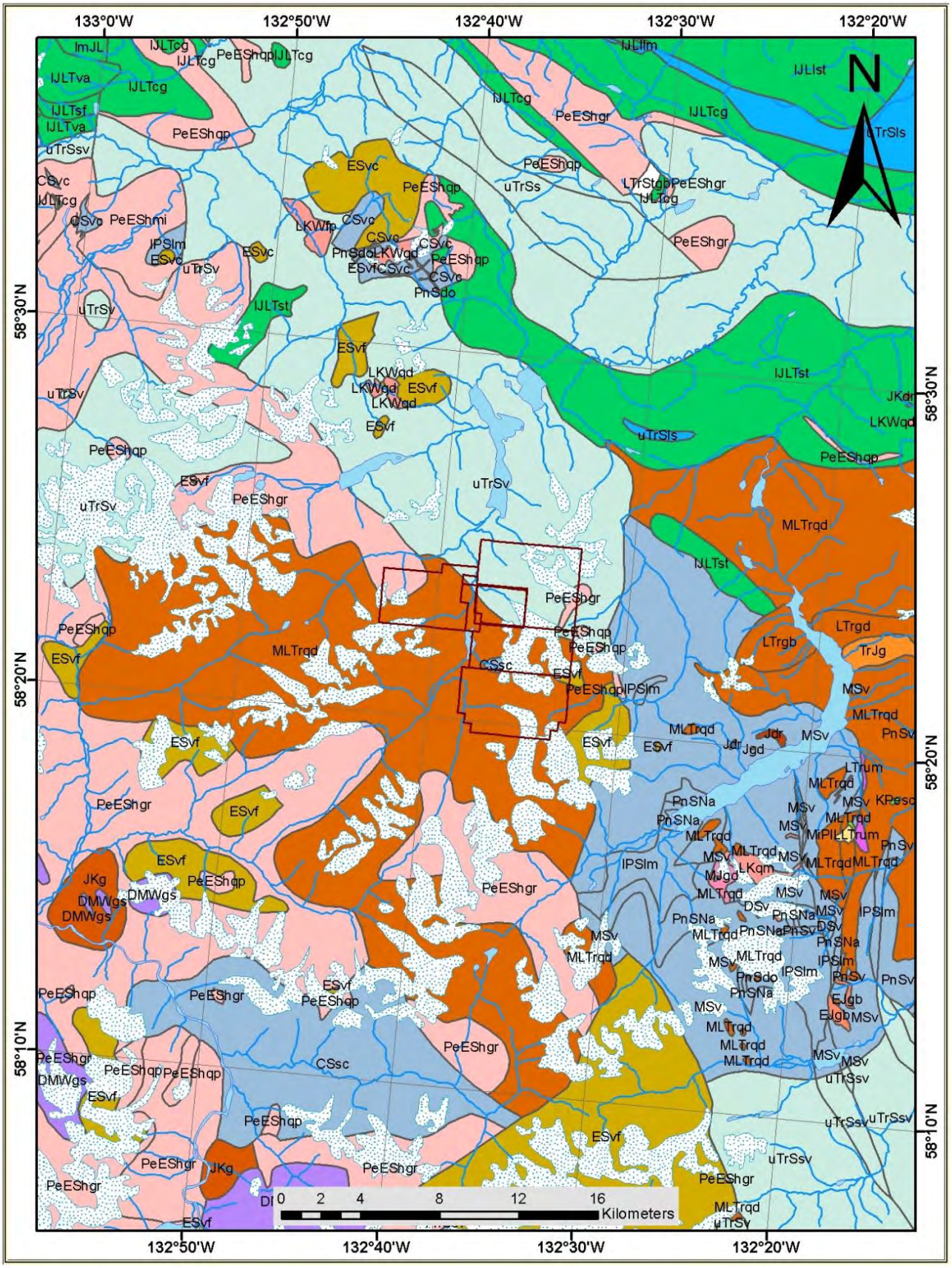
Year	Owner	Operator	AR Number	Work Preformed
1957	Cominco	Cominco		Regional prospecting.
1983	Chevron Canada Ltd	Chevron Canada Ltd	11819	115 soil samples and 28 rock samples collected and analyzed.
1988	Cominco	Cominco	19226	6.7 line km of grid control; 197 rock samples collected and analyzed; geological mapping; 17 trenches blasted and sampled
1989	Cominco	Cominco		Detailed prospecting, geological mapping, trenching and sampling of outcrop and float.
1991	Cominco	Galico Resources Inc.	21757	370 line km of airborne geophysics (VLF-EM, electromagnetic and magnetic); 1,075 metres of drilling; results from the drilling were never reported.
2002	Aspinall-Dawson partnership	Aspinall-Dawson partnership	27145	Galico drill core partially re-logged; 5 rock samples collected and analyzed.
2005	Aspinall-Dawson partnership	Solomon Resources Ltd.	27771	Geological mapping and prospecting; 202 chip, grab and float rock samples, 234 contour soil and 18 stream sediment samples collected and analyzed; identification and re-logging of Galico's 1991 drill core with select samples analyzed.
2006	Aspinall-Dawson partnership	Indico Technologies Ltd.	29058	129 rock samples collected and analyzed; 10 rock samples for petrographic analysis; commissioning of 1:2000 and 1:5000 satellite photos for base map purposes.
2008	Aspinall-Dawson partnership	Aspinall-Dawson partnership	30661	90 soil, 10 silt, 11 float and 8 rock grab samples collected and analyzed.
2011	Aspinall-Dawson partnership	Aspinall-Dawson partnership	32184	5 rock and 10 silt samples collected and analyzed.

Year	Owner	Operator	AR Number	Work Preformed
2011	Aspinall-Dawson partnership	Aspinall-Dawson partnership	32511	14 rock and 20 silt samples collected and analyzed.
2011	Aspinall-Dawson partnership	Ocean Park Inc.	33489	Geological mapping and prospecting; 25 float and 51 grab rock samples collected and analyzed.
2012	Aspinall-Dawson partnership	Ocean Park Inc.	34047	Geological mapping and prospecting; 7 float, 55 grab, and 10 composite or chip rock samples collected and analyzed.
2013	Aspinall-Dawson partnership	Aspinall-Dawson partnership	34596	Ground truthing future grid suitable for a ground geophysical IP survey, potential drill sites and camp location; prospecting; 15 float rock samples collected and analyzed.
2015	Aspinall-Dawson partnership	Aspinall-Dawson partnership	35751	Evaluating a proposed aircraft landing strip; examination of Zone D of the MCA zone; fossiliferous rock sample collected for geochronology.
2016	Barry Hanslit			Barry Hanslit purchased the claims from the Aspinall-Dawson partnership.
2017	Stuhini Exploration Ltd.	.		Stuhini Exploration Ltd. purchased the claims from Barry Hanslit

7. Geological Setting and Mineralization

7.1. Regional Geology

The property straddles the Coast and Intermontane Geomorphologic Belts, with the southwest portion of the claims within the Coast Belt and the northeast part of the claims within the Intermontane Belt, as defined by Wheeler and McFeely (1987). The property occurs in the Stikinia island arc terrane, which accreted to the western margin of Laurentia between Early to Late Jurassic and was subsequently deformed during Cretaceous and older orogenesis (Coney *et al*. 1980; Monger *et al*. 1982; Wheeler *et al*. 1991; Mihalynuk *et al*. 1994; Nelson *et al*. 2013; Barresi *et al*. 2014; Figure 7.1). Stikinia is comprised of well stratified Lower Devonian to Middle Jurassic volcanic and sedimentary rock packages which include Asitka, Stikine, Lewis River, Hazelton and Takwahoni assemblages. These rocks are underlain by volcanic and sedimentary rocks of the Stuhini Group which are in contact with intrusive rocks of the Coast Range Batholith. The Stuhini group is comprised of andesite and basalt flows, pillow lavas, green augite-phyric pillowed flows, volcanic breccia, lapilli tuff, feldspar phyric flows,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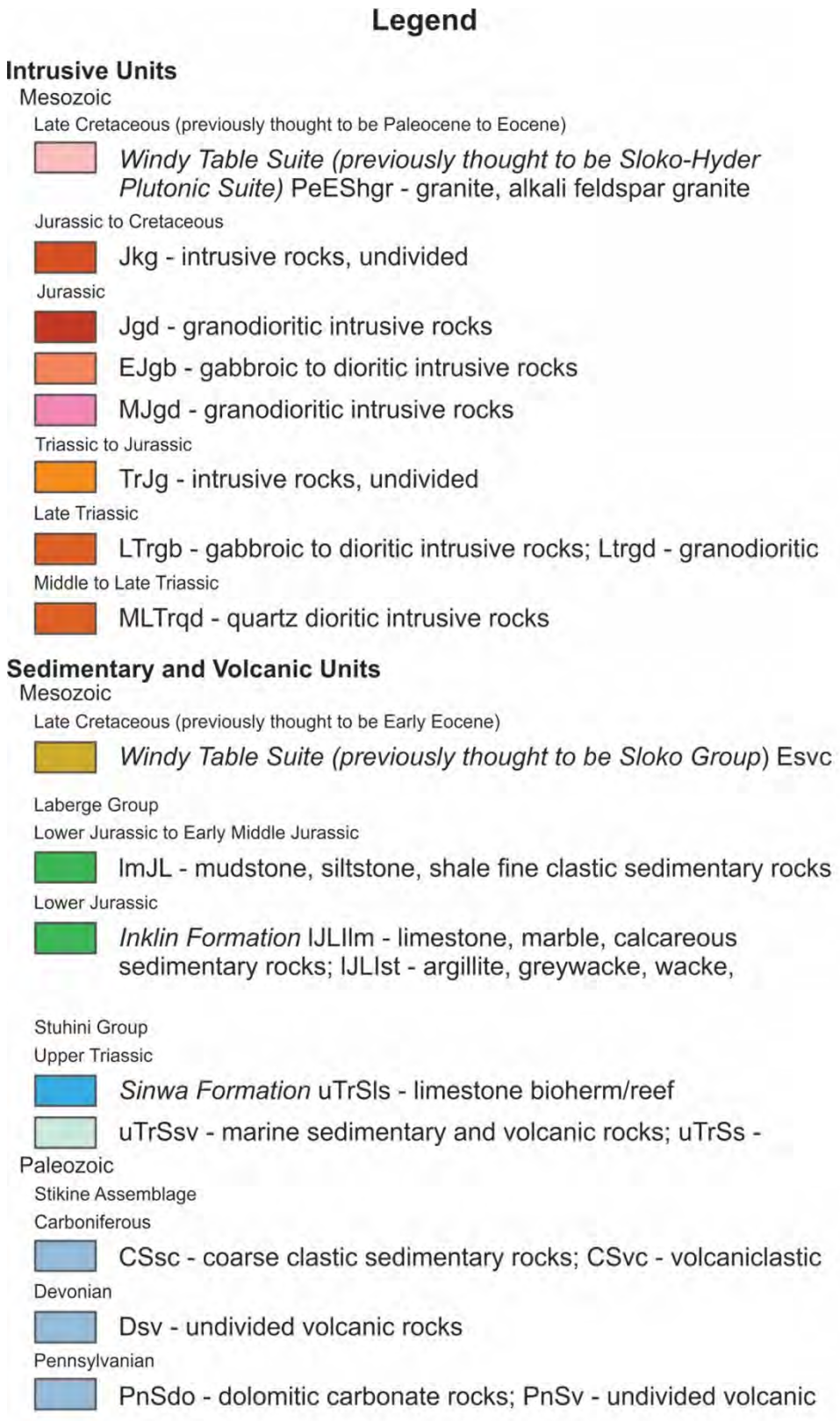


Figure 7.1 - Regional Geology; drawn by Andrew Wilkins, after BC digital geology, BC Geological Survey, 2005.

massive Norian limestones, argillites and siltstones. Included in the Stuhini group is the Sinwa Formation limestones and their accompanying minor sedimentary rocks (Souther, 1971; Bradford and Brown, 1993; Mihalynuk *et al*., 1994).

A fault contact with the Cache Creek Terrane occurs to the east of Stikinia. Relationships on its western margin generally have been obscured by Cretaceous and Tertiary plutonism, displacement along the Tintina fault and metamorphism in the Coast Belt (Sherlock *et al*., 1994; Nelson and Payne, 1994; Nelson and Colpron, 2007). A Late Cretaceous volcanic to subvolcanic plutonic rock assemblage occurs on the eastern margin of the Coast Plutonic belt. The lithologies intrude the Stikinia terrane (Mihalynuk *et al*., 2003; Simmons *et al.*, 2005).

U/Pb zircon ages have dated several volcanoplutonic complexes close to the Metla Property. Ages determined range from 82.2±0.2Ma to 87.3±0.7Ma for the Windy Table Suite and 93±1Ma for the Thorn Stock (Simmons *et al*, 2005). These igneous lithologies were previously considered correlative to the ~55Ma Sloko Group. Several small intrusive stocks have been located on the Metal property, they are considered correlative to the Late Cretaceous rocks dated by Simmons *et al*. (2005). Several epithermal, porphyry and replacement type deposits have been associated to Late Cretaceous igneous bodies in the area.

To the south, both the Coast Range intrusive rocks and the Stuhini Group are intruded by the Sloko Group intrusive rocks. Regionally, sedimentary rocks are weakly to strongly altered and variably deformed. Alteration is weak and limited to rocks in contact with younger magmatic rocks. North-northwest verging open to close folds and post-accretionary normal faults deform the sedimentary rocks (Simmons *et al*., 2005).

To the Northeast of the property lies the Nahlin thrust fault. The Nahlin fault is northwest oriented and northeast dipping; it marks a terrane boundary separating the Cache Creek terrane to the northeast and the Stikine terrane to the southwest (English *et al*., 2004). The Nahlin fault defines the southern boundary of the Atlin Horst. To the southwest of the Nahlin fault lays the northwest-west trending King Salmon thrust fault which dips towards the northeast. According to Evenchick *et al*. (2005) emplacement of Cache Creek onto Stikinia in the Early and early Middle Jurassic occurred along the King Salmon fault. However, Mihalynuk *et al.* (2009) argue that the King Salmon fault does not represent a terrane boundary, but rather an important fault that carries the Sinwa Formation. To the south of the King Salmon thrust fault, rocks are folded into plunging northwesterly trending symmetrical folds with minor faulting and shearing (Souther,

1971). The Whitehorse trough occurs between the Nahlin and King Salmon faults (English, 2004).

To the south and west of Tatsemenie Lake occurs the Stikine assemblage, consisting of rocks from the upper Paleozoic including recrystallized limestones, dolomitic limestones, minor chert and argillite (Souther, 1971; BCGS; Bradford and Brown, 1993; Oliver and Gabites, 1993; Oliver, 1995). These rocks are overlain by fine grained clastic metasedimentary and intercalated meta-volcanic rocks mostly altered to greenstone and phyllite as well as chert, jasper, greywacke and limestone. Other Stikine assemblage rocks include rhyolite and felsic volcanic rocks, marine sedimentary rocks and a sequence of coarse clastic and volcanoclastic rocks.

East and west of Tatsemenie Lake strongly foliated diorite, minor granodiorite and quartz diorite intrusive rocks are found in large bodies believed to be lower or middle Triassic (Souther, 1971; Oliver and Gabites, 1993). To the north of Trapper and Tatsemenie Lakes the Laberge group of lower to middle Jurassic sedimentary rocks are found and include the Inklin and Takwahoni formations. The Inklin formation consists of well banded greywacke, siltstone, silty sandstone, mudstone, and limy pebble conglomerates. The Takwahoni formation is comprised of granite-boulder/chert pebble conglomerate, greywacke, quartz sandstone, siltstones and shales (Souther, 1971; Oliver and Gabites, 1993).

The Stikinia Terrane is host to many major polymetallic massive sulphide, gold and copper-gold porphyry deposits in the region (Tulsequah Chief, Eskay Creek, Snip, Golden Bear, Premier-Silbalk, Red Mountain, Galore Creek, Suphurets, Schaft Creek, Red Chris). Mihalynuk (1999), Mihalynuk *et al*. (2003) and Simmons *et al*. (2005) describe a NNW-trending Late Cretaceous volcano-plutonic arc that they have mapped from at least the Golden Bear Mine area to the B.C.-Yukon border.

7.2. Local and Property Geology

The geological setting of the Metla Property is illustrated in Figures 7.2 and 7.3. Photographs of lithological units seen at the Metla Property are shown in Figure 7.4. The north part of the Metla Property is believed to be underlain by mostly volcanic rocks belonging to the Upper Triassic Stuhini Group and lesser sediments and volcanics belonging to the older Paleozoic Stikine Assemblage. The south part of the property is underlain by mostly Middle to Late Triassic quartz diorite belonging to the Coast Range Complex. This basement has been intruded by small intrusive stocks that are believed to

be part of the Late Cretaceous continental volcanoplutonic arc of northwestern B.C. as defined by Mihalynuk *et al.* (1999, 2003) and Simons *et al*. (2005). At the Metla property, Cretaceous subaerial volcanic and sedimentary rocks are rare; however, they make up important strata from the other volcanic centres located elsewhere in the area including Lisadele Lake and the Thorn Property. The volcanic and plutonic rocks are part of a northwesterly trending magmatic belt with associated hydrothermal alteration and sulphide mineralization including epithermal, porphyry and replacement type deposits (Simmons *et al.,* 2005).

Initial property scale mapping was undertaken by Cominco crews, starting in 1988. Mawer's report (1989) documented the following observations of the Metla Property:

The northwesterly striking, steep easterly dipping massive andesite, agglomerates and tuffs underlie the property. Massive andesite grading into a crackle breccia with un-rotated fragments with minor matrix to a central area with matrix supported, rotated, milled and partially altered clasts have been observed. The massive andesitic volcanics are underlain by a sequence of interbedded andesite, pyritic argillite, mudstone, impure limestone, calcareous sediments, white-grey fine laminated chert and siliceous grits. All the foregoing described rocks are intruded or cut by large areas of phreatic or hydrothermal vent breccia consisting of a tan to dark brown weathering grey to green pyritic carbonate and/or siliceous matrix. The matrix supports clasts of volcanic rocks with sediments from pebble size to large blocks of several metres in length and width. The clasts are randomly oriented and may have alteration rims grading to almost completely altered clasts of sericite or fuchsite. The contacts of the hydrothermal vent breccia with relatively undisturbed volcanic rocks and sediments are very sharp with little or no alteration and the configuration of some of the exposed contacts indicates scouring or gullying of the intruded rock.

Detailed 1:500 scale geological mapping by Cominco from 1988 to 1990 (Mawer, 1989) focused on the principal Metla Creek Area (MCA). The detailed mapping as well as petrographic work completed on behalf of Galico personnel (Payne, 1991) and Solomon (McLeod, 2004) was incorporated into 1: 2,000 and 1: 20,000 scale mapping completed by Solomon crews in 2004. Many of the units from regional mapping by Souther (1971) are analogous to units from Tupper (2005); units 6, 7, 14, 16, and 19 of Souther correlate to units 6, 4, 8, 7 and 11 of Tupper, respectively. The following description of the property geology is taken from Tupper's report (2005).

The major rock units on the property include:

- *Unit 1 - Sedimentary rocks, possibly of the Palaeozoic-Lower Triassic Stikine Assemblage; limited to MCA;*
- *Unit 2 & 3 - A suite of mafic to ultramafic intrusive igneous rocks; associated with Stikine Assemblage rocks; age uncertain, probable Lower Triassic; limited to MCA;*
- *Unit 4 - Volcanic and volcano-sedimentary rocks of the Upper Triassic Stuhini Group;*
- *Unit 6 - Quartz Diorites of the Mesozoic Coast Plutonic Complex*
- *Unit 7 & 8 - Late Cretaceous to Paleocene felsic stocks (Unit 7) and associated volcanic rocks (Unit 8), (formerly mapped as Sloko-Hyder and Sloko Groups respectively).*
- *Unit 9 - Ankerite hydrothermal breccia unit of both uncertain age and origin; limited to MCA.*

Sedimentary rocks of the Palaeozoic Stikine Assemblage (unit 1), mapped by provincial government surveys, straddles the south boundary of Metla # 6. Sedimentary rocks within the MCA outcrop along the south side of valley and are also proposed to be part of the Stikine Assemblage. In the MCA, these rocks include highly faulted, tightly folded and contorted argillaceous sediments that are comprised of thick to thin-bedded argillite, chert, wacke, mudstone and calcareous siltstone. The unit is frequently graphite-bearing, dark grey to flaggy weathering. Thin, discontinuous pyritic bedding replacements to 20 centimetres thick are common, comprising between <0.5% and 3% of outcrop. Pale grey siliceous pebble conglomerate (?) to 0.6 m thickness has been noted in the east part of the MCA.

Intruded into the proposed Stikine Assemblage sediments at the MCA are a number of small, distinctively massive and well jointed, mafic intrusive bodies. A roughly 6 ha, irregular Y-shaped body of medium grey to dark greenish-grey, medium to fine grained plagioclase rock and distinctive epidote veinlets extends roughly northwest-southeast through the middle of the MCA (unit 2). The unit forms a resistant outcrop feature. Drill core from 1991 and re-logged in 2004 suggests the bodies to be 20m to 50m thick sills. Petrographic studies of specimens from this unit have identified it as either diorite and/or gabbro. At several locations the unit has been observed to have little by way of ferromagnesian minerals and to be very light coloured, suggesting a shift to anorthosite (Blackwell, 1991). Irregular calcite veins are common along the northernmost (lower?) contact of the gabbro unit. They are commonly associated with magnetite, with

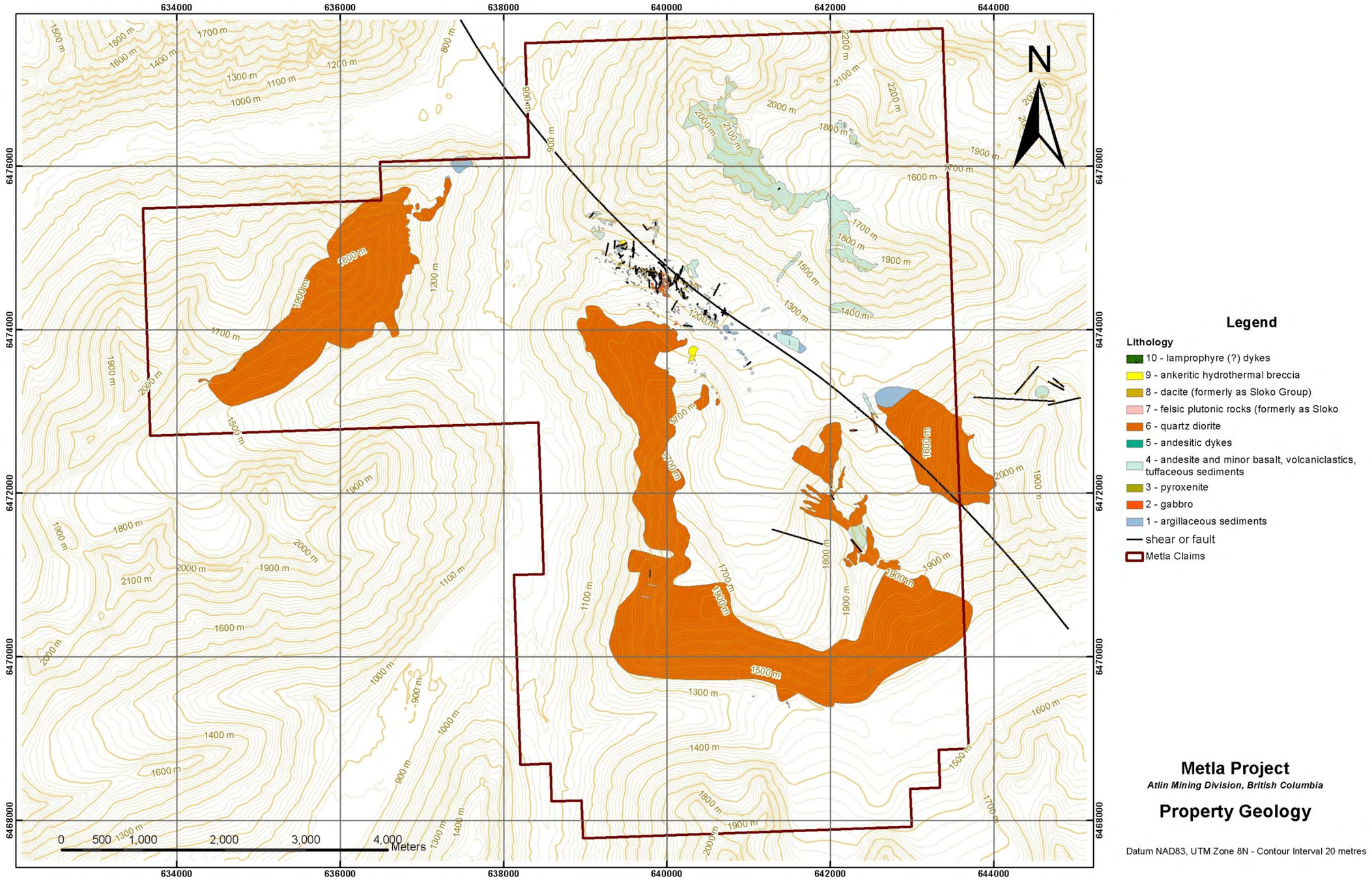


Figure 7.2 - Property Geology Map, drawn by Andrew Wilkins

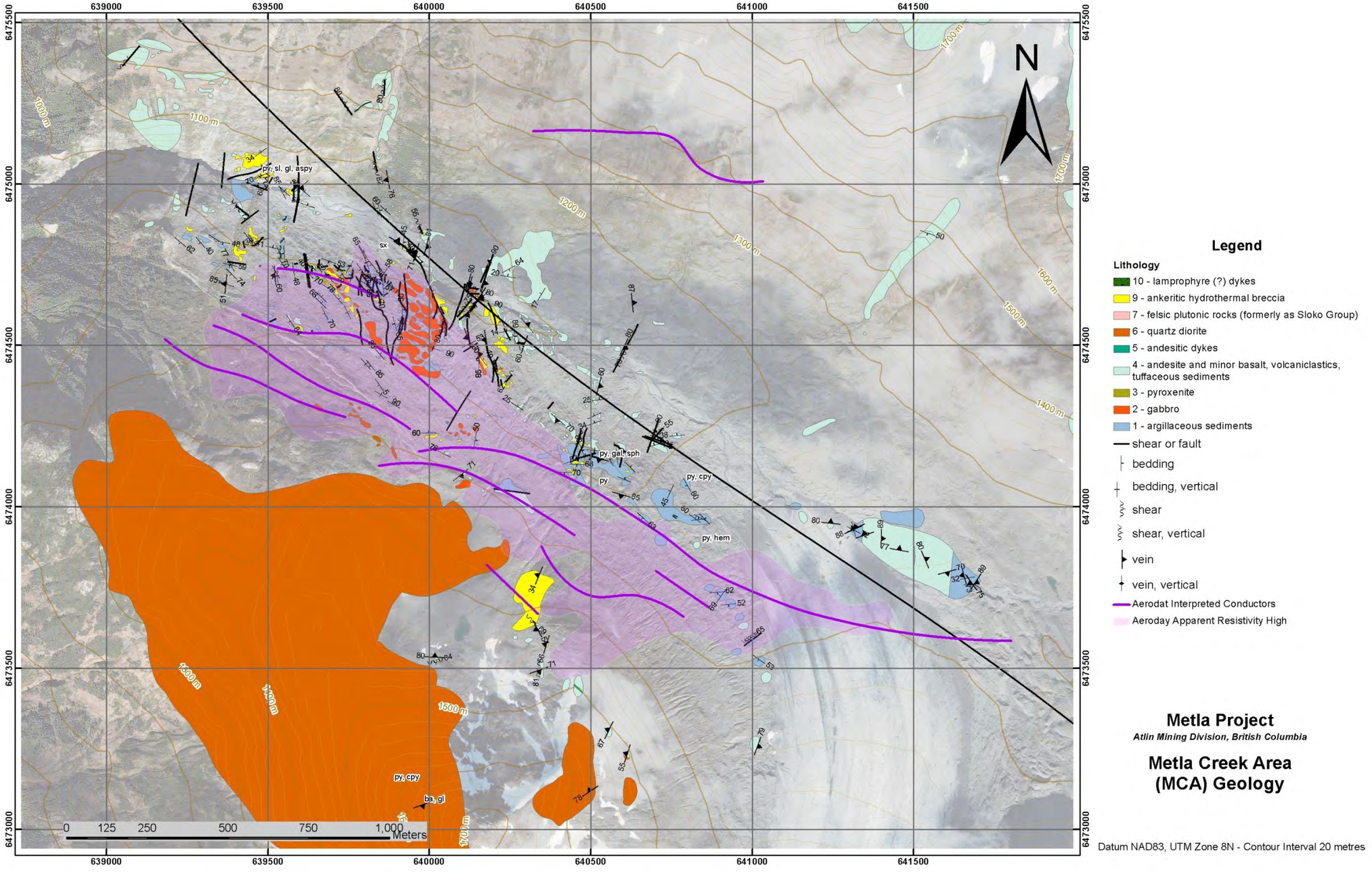


Figure 7.3 - Geology of the Metla Creek Area, drawn by Andrew Wilkins

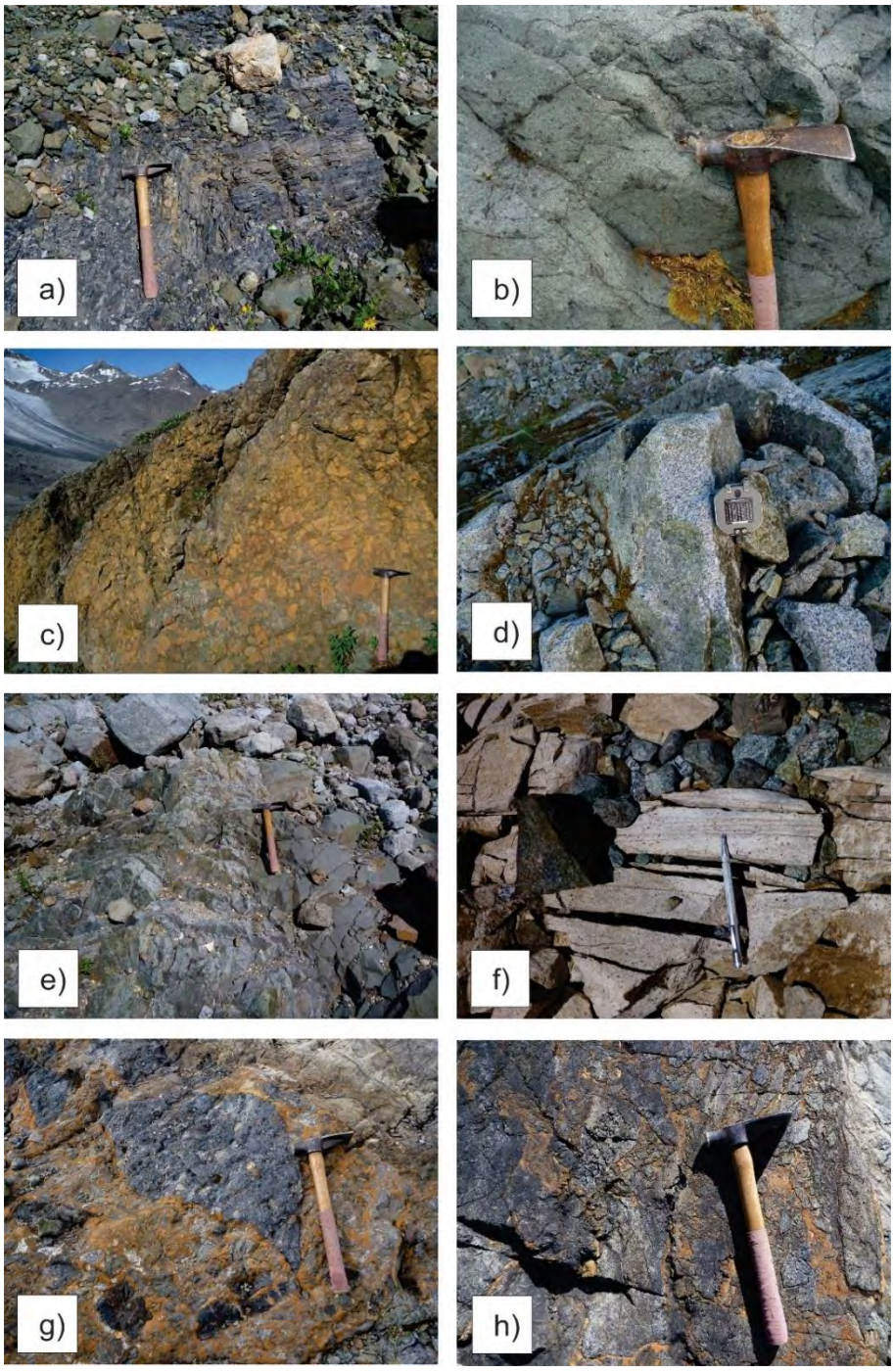


Figure 7.4 - Photographs of Lithological Units Observed on the Metla Property
a) Bedded and folded sediments. b) Ultramafic. c) Volcanic breccia or agglomerate. d) Foliated diorite. e) Contact between a green fine-grained tuff (right) and a foliated diorite (left). f) Flow banded? Rhyolite. g) Ankeritic matrix hosting argillite clasts. h) Ankeritic matrix hosting andesite clasts.

or without accompanying coarse pyrite or specularite, psuedomorphing the calcite.

Numerous small (0.2-1.0 ha) plugs of gabbro/diorite occur scattered within the sedimentary rocks. Although its relationship to the above is not known, a larger plug of altered hornblende diorite (unit 2a) with local zones of intense carbonate alteration has been mapped to the south.

Pyroxenite (unit 3) occurs in a cluster of small outcrops in the centre of the MCA. Its relation to other intrusive units is not known, although it is likely the result of melt differentiation of the gabbro. The rock is black-coloured, composed of very coarse grained pyroxene. Disseminated magnetite, pyrite, and trace chalcopyrite are noted.

Regionally, the Stuhini Group rocks include andesite to basalt flow, flow and pyroclastic breccia, and tuff (unit 4). These rocks tend to be massive, with internal contacts difficult to locate and measure. The unit includes pillowed and amygdaloidal flows. The metamorphic rank is greenschist or less, with some hand samples appearing to contain prehnite as vesicle in-fillings (Blackwell, 1991; based on Mawer, 1989).

The Stuhini Group volcanics unconformably overly those of the Stikine Assemblage. Within the MCA, the Stuhini Group rocks are dominated by pale to medium green weathering, green andesite tuffs and tuffaceous sediments (unit 4a), tuffaceous breccia (unit 4b) and lapilli tuff (unit 4c). A distinct, 15m wide, medium green augite porphyry unit (unit 4d) strikes roughly 125 m northwest through the MCA. The unit occurs in spatial association with both the contact between rocks of the Stikine Assemblage and the Stuhini Group and a property-scale north-northwest trending fault. This unit is included here as being a porphyritic basalt flow, although thin section work has identified it as both a basalt flow (Payne, 1991) and a mafic dyke (McLeod, 2004). The unit has been observed hosting cross-cutting hydrothermal stockwork breccia veins (unit 9d). Dark green, fine grained intermediate dykes (unit 5) occur within the Stuhini Group Volcaniclastics, although only observed in one location in the valley bottom southeast of camp. A large Mesozoic quartz diorite stock (unit 6) of the Coast Plutonic Complex extends roughly west-north west across the entire south third of the Metla Property. The unit is typically massive with occasional shears that are mineralized with pyrite ± gold ± chalcopyrite ± molybdenite.

Regional mapping by the provincial BCGSB have mapped four small, isolated Late Cretaceous-Paleocene intrusive plugs (unit 7) on the west half of the property. These intrusive plugs range between 50 ha and 300 ha and vary in composition from a

single alkali feldspar granite body (unit 7b) to three high level quartz phyric felsic intrusive units (unit 7a) (Souther, 1971; Simmons et al, 2005). The higher silica content of three of the more easterly intrusive plugs suggests they may be of the younger, 82.2±1 Ma Windy Table Suite. They are associated with abundant vuggy quartz vein stockwork and have an arsenic + molybdenum ± zinc geochemical signature. Subaerial dacite to rhyolite volcanic rocks (unit 8; formerly referred to as Sloko Group) are present along the southeast perimeter of the Metla Property in the area of the Rod prospect. These include dacite heterolithic breccia (unit 8a); rhyolite tuff and tuffaceous sediments (unit 8b) and andesite tuff (unit 8C).

Hydrothermal breccia (unit 9) comprises an enigmatic unit of clearly crosscutting nature and intrusive origin, occurring as large irregular-shaped to crudely northwest-trending bodies throughout the central and northwestern portions of the MCA. Dimensions range from a few square meters to 130 by 300 meters. The breccia matrix consists of ankerite + siderite + dolomite with variable proportions of pyrite, quartz, fuchsite (?) and base metal sulphide minerals. The clasts vary from sand to block-sized (maximum observed dimensions of 2.0 meters) fragments of volcanic (unit 9a), sedimentary (unit 9b) and less commonly gabbro country rock, re-brecciated breccia material and rarely massive sulphide. Where observed, contacts with the adjacent country rock are sharp, with little or no alteration. Detailed observation suggests that breccia emplacement was accompanied by considerable mechanical abrasion or erosion of the country rock, as exposed contacts appear to be scoured or "gullied" by the breccia body (Mawer, 1989). Elsewhere the breccia has been observed to have a border or margin phase of fractured country rock, presenting the appearance of a "crackle breccia", with fracture-infillings similar to that seen in the main breccia body. The marginal phase of the breccia proper has a "stockwork" texture consisting of variably detached and slightly rotated wall fragments, which in turn become increasingly spherical, milled and matrix supported as the central regions of the breccia body are approached. Clasts are in general randomly oriented, without evidence of stretching or other imposed tectonic fabric. Clasts are invariably altered, depending upon original clast composition, to carbonate ± fuchsite and possibly talc and white mica ("sericite"). Quartz is relatively rare, observed most frequently in association with sulphide mineralization. A possible late alteration phase has been noted, manifest as stringers of buff-coloured, brown to red-weathering coarse grained ferromagnesium carbonate minerals. Most mineralization observed to date appears to be hosted by the hydrothermal breccia, as a

border phase, or in fractured, adjacent country rock. In some instances sulphide minerals are the sole matrix material.

Mafic lamprophyre (?) dykes (unit 10) appear to be the youngest intrusive phase mapped to date, cutting all other rock units, including the hydrothermal breccia. The narrow (<1.0 meter), light to medium green to grey-coloured, dykes strike irregularly for up to 500 metres, following both north-northwest and northeast trending structures in the MCA. Xenoliths of country rock are locally abundant. Dyke margins are chilled and calcite filled vesicles have been observed. The Metla Property has until recently been covered by a glacier and subsequent ablation has resulted in the deposition of an extensive veneer of ablation till (unit 11b) and moraine, which rests upon highly polished bedrock outcrop and isolated, highly compacted basal till. On the basis of field observations and tracing of indicator boulders, it is thought that the degree of glacial dispersion is in the order of only 80 to 150 meters, or often less. Recent alluvium (unit 11a) and reworked glacial fluvial deposits are also present, although more commonly in the main lower elevation valleys.

7.2.1. Mineralization

Mawer (1990) described the gold bearing sulphide mineralization to occur in outcrop and float as wispy bands, breccia matrix and fracture fillings, the mineralization consists of very fine to coarse granular pyrite, arsenopyrite, sphalerite, galena, magnetite, chalcopyrite, hematite, boulangerite, bournonite, tetrahedrite and native gold or electrum. He further described that the location of the sulphides appears to be mainly adjacent or peripheral to the main breccia zones. Tupper (2005) also concluded that the most significant mineralization at the Metla Property is present in the Metla Creek Area, and further suggested that it was possibly related to two or more genetic types, including epigenetic, carbonate hydrothermal breccia hosted and bedding parallel sulphide replacements. Photographs of the different styles of mineralization observed at Metla are depicted in Figure 7.5. The most significant mineral occurrences are epigenetic, hosted by carbonate hydrothermal breccia. The hydrothermal breccia mineralization consists of irregular massive to disseminated base metal sulphide accompanied by gold and silver. From field observations, the principal occurrence of mineralization is within or adjacent to outcrop areas of “hydrothermal breccia”, often where argillite clasts predominate. Sulphide minerals are most abundant as matrix to the breccia and this sulphide mineralization is concentrated near the margins of the breccia bodies (Tupper, 2005). A bright green micaceous alteration mineral (fuchsite?) occurs associated with the

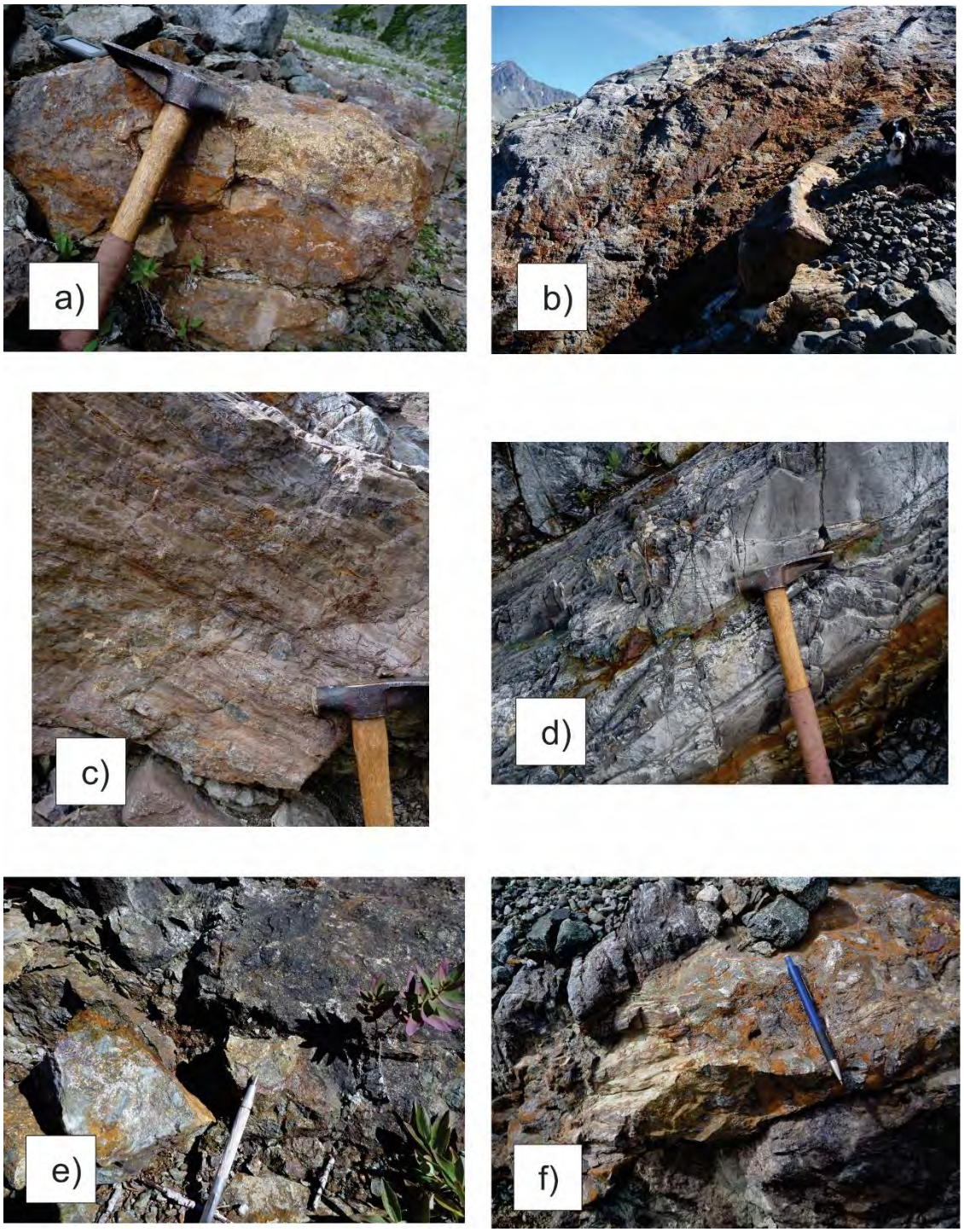


Figure 7.5 - Photographs of Mineralization Observed on the Metla Property
a) Semi-massive sulphide mineralization hosted in an Ankeritic breccia matrix. b) Gossanous structurally controlled hydrothermal breccia. c) Sulphides conformable with bedding. d) Sulphides conformable with bedding. e) Semi-massive sulphide and ankerite matrix breccia. f) Semi-massive sulphide and ankerite matrix breccia.

hydrothermal silver + lead + zinc (gold + copper) mineralization from the adjacent Thorn Property was dated by Simmons *et al.* (2005). Sericite from the mineralized matrix, enclosed in pyrite + sphalerite + boulangerite mineralization from the Thorn Property provided an Ar/Ar age of 87.7±0.6 Ma. This Late Cretaceous age suggest that the mineralization at the Thorn Property and perhaps the Metla Property could be associated with a hydrothermal system produced by a 93 Ma suite of intrusions (Simmons *et al*., 2005).

Another style of mineralization occurs as locally folded, conformable mineralized bands which could be syngenetic, or bedding replacements. Although the latter replacement style mineralization is generally auriferous and fairly ubiquitous throughout the Metla Creek Area (Mawer, 1990), they are sporadic and typically less than a few decimetres in width.

Work completed by Cominco, identified significant mineralized gold + silver + sulphide boulder trains that are considered to be locally derived from areas up ice of the known mineralization in the Metla Creek Area. Cominco personnel reported a small occurrence of niccolite and gersdorffite roughly north of Area E where a small gabbro plug is transected by a strong NNE trending fault. This zone is referred to as Area H in this report. The nickel mineralization has not been followed up on to date. Work performed in 2011 suggested that several different lithologies hosted anomalous mineralization (Clift, 2012).

Detailed ore microscopy examinations made of some 67 mineralized polished sections (McLeod, 1990) collected in 1989 from the Metla Creek Area, from both outcrop and glacial float boulder samples, identified the following ore minerals (listed in order of relative abundance: Pyrite, Sphalerite, Arsenopyrite, Chalcopyrite, Galena, Magnetite, Tetrahedrite, Pyrrhotite, Gold/Electrum, Bournonite, Niccolite, Gersdorffite, Hematite, Stibnite, and Boulangerite. The following is taken from McLeod's report (1990).

Pyrite is very common, followed by sphalerite. Chalcopyrite, although significantly less common is the most ubiquitous mineral in the suite after pyrite. Galena occurs sporadically, most commonly in association with sphalerite. Sphalerite, galena, and chalcopyrite are commonly associated with pyrite, occurring as interstitial infillings, and grain boundary and fracture replacements. Sphalerite has a positive association with galena and tetrahedrite, but a negative association with magnetite. Silver and silver sulfosalts are associated with tetrahedrite and galena. Gold or electrum was identified microscopically in 30 of the 67 sections. It was commonly seen to replace factures in

pyrite, and possibly is included in chalcopyrite that replaces those fractures in pyrite. Gold is also seen to occur within and along magnetite and pyrite grain boundaries. Limited gold was observed within galena and possibly replacing arsenopyrite, with or without chalcopyrite. Gold grains ranged in size from 75-100 microns. Pyrite and possibly arsenopyrite were concluded to be the primary mineralization, with rocks subsequently healed by base metals accompanied by gold.

The Metla Creek Area, as referred to by Tupper (2005), is located entirely within the Metla #1 claim. Solomon collected a total of 164 rock samples and one soil sample in the area. Bedrock mineralization has been identified in seven areas identified as Area A through Area G and described in more detail below; UTM coordinates provide general locations for each area. Descriptions of the areas are taken from Tupper's report (2005).

Area A Location: UTM: 6,474,625N / 639,850E

Area A was identified as coincident with an EM anomaly and numerous auriferous heavy sulphide boulders identified over an area of 90 metres by 40 metres (20 boulders averaging 0.632 grams per tonne gold; Mawer, 1989). Galico drilled holes M91-03-01, -02, 03 and 04 into Area A.

The area is underlain by folded and faulted argillites, a gabbro sill (?) up to 50m thick. At the faulted contact with the gabbro, the argillites are intensely rusty weathering. The argillites are intruded by numerous small, highly irregular to elongate, matrix dominated, heterolithic carbonate breccia bodies.

In 2004, Solomon crews collected 25 chip samples of every lithology with generally low results. A 1 metre chip sample of hydrothermal breccia with 1% disseminated pyrite assayed 1.5 grams per tonne gold and 10.1 grams per tonne silver (M04A-C10).

Area B Location: UTM: 6,474,700N / 639,650E

Area B was identified as coincident with an EM anomaly, 32 auriferous heavy sulphide boulders (32 boulders averaging 0.271 grams per tonne gold; Mawer, 1988, 1989, 1990; Blackwell 1991). Grab samples collected by Cominco of numerous minor bedding parallel sulphide stringers or replacements in argillite returned values of 1,122 to 6,200 ppb gold (Mawer, 1990). Galico drilled holes M91-03-05, 06 and 07 in Area B.

Area B is underlain by hydrothermal breccia argillites and a gabbro sill (?). Two continuous chip samples of pyritic hydrothermal breccia collected in Area B by Solomon produced a weighted average of 920 ppb gold across a total width of 3.9 metres (M04A-

C49 & -C50). Solomon crews collected an additional 23 chip sample in Area B, but all assayed less than 100 ppb gold.

Area C Location: UTM: 6,474,850N / 639,450E

Area C hosts a 0.2 metre by 5 metre shear vein (?) within hydrothermal breccia of semi-massive to massive sphalerite and pyrite that assays up to 5.4 grams per tonne gold, 13.97% zinc and 1.33% lead (Mawer, 1989). Eleven boulders collected by Cominco averaged 0.274 grams per tonne gold (Mawer, 1989). Galico drill hole M91-03-07 was designed to intersect the massive sulphide mineralization, but was not successful. Re-brecciated hydrothermal breccia material is common in outcrop in Area C. A 2.5 metre chip sample collected by Solomon crews assayed 578 grams per tonne gold, 32.9 grams per tonne silver, 1.72% zinc and 0.34% lead (M04A-C52). The other 23 chip samples collected by Solomon crews in Area C were below 22 ppb gold.

Area D Location: UTM: 6,475,050N / 639,450E

Area D is the original 1957 prospecting discovery, comprising roughly 8 metre by 30 metre area of irregular and discontinuous, massive to disseminated pyrite ± sphalerite ± galena ± chalcopyrite ± arsenopyrite mineralization in outcrop at the south perimeter of the large 200 metre by 150 metre exposure of hydrothermal breccia. Cominco sampling produced one 9.0 metre chip sample that assayed 4.7 grams per tonne gold and 41 boulders averaging 0.194 grams per tonne gold (Mawer, 1989). Area D has not been drilled.

The hydrothermal breccia in Area D is predominantly composed of large (0.5 metres to 2.0 metres) clasts of andesite flows and tuffaceous sediments separated by a stockwork of carbonate veins. The clasts decrease in size and the matrix becomes more dominant towards the south. The sulphide rich zone is located where the breccia unit is more heterolithic along the south contact with the argillites. It is comprised of a breccia zone where massive to semi-massive, discontinuous sulphide matrix trends roughly northeast, sub-parallel to the argillite contact.

Of the additional 25 chip samples collected by Solomon in Area D, 7 samples assayed between 200 ppb and 706 ppb gold; the remaining 18 samples were below 140 ppb gold.

Area E Location: UTM: 6,474,425N / 640,175E

Mineralization in Area E is comprised of a zone of discontinuous and highly irregular massive pyrite-sphalerite-galena stringer veins of less than 0.2 metres by 1.0 metre. The zone of veining extends for roughly 100 metres east-southeast within

argillites and hydrothermal breccia where they are in contact with a gabbroic sill (?) to the south. Fourteen shallow trenches were drilled and blasted by Cominco crews in 1989 at Area E. A single sample in the middle of the area returned 11.5 grams per tonne gold in assay, across 1.0 metre (Mawer, 1989).

Target E has significantly elevated silver values compared to the other showings in the MCA. Cominco collected samples from a total of 49 boulders in Area E that averaged 0.225 grams per tonne gold (Mawer, 1988, 1989, 1990; Blackwell 1991). Drill hole M91-03-08 was located to test the mineralization at Area E but was unsuccessful. Solomon collected a total of 21 samples in Area E, but only 3 of the remaining 15 assayed above 200 ppb gold.

Area F Location: UTM: 6,474,150N / 640,525E

The occurrence in Area F has been described as a conformable siliceous quartz conglomerate, but may be better described as a bedding-parallel siliceous pyritic breccia vein (?) hosting discontinuous zones of pyrite-galena- sphalerite. It is hosted in argillites roughly paralleling the Stuhini Group volcanoclastic contact to the north. The vein appears to be folded with the surrounding country rock. Exposures of the vein, which is locally up to 60 centimetres thick, can be traced for up to 210 meters. Drill hole M91-03-10 failed to intersect this vein. Similar to Area E, high silver values distinguish Area F from the more western occurrences. The only sample collected by Solomon crews assayed 3.7 grams per tonne gold, 117 grams per tonne silver, 3.1% lead and more than 10% zinc over 0.6 metres (M04D-C07).

Area G Location: UTM: 6,474,675N / 640,000E

The gabbro intrusive hosts numerous irregular veins of calcite ± specularite ± pyrite ± magnetite along its north (lower?) contact. A grab sample of calcite-magnetite vein with a selvage of coarse pyrite assayed 2.2 grams per tonne gold, 15.2 grams per tonne silver, 1.4% zinc and 1.0% arsenic (sample M04D-R11). The specularite occurs as bladed pseudomorphs of the calcite and the pyrite occurs as very coarse euhedral grains along the vein margins.

Metla Creek Area (MCA) – Other Sampling

A number of other isolated mineralized occurrences are located in the MCA, including a pyrite-arsenopyrite-fuchsite (?) mineralized NE trending shear hosted carbonate vein on the north side of the creek east of the camp that assayed 2.4 grams per tonne gold and 5.6 grams per tonne silver (sample M04D-R06). A single soil sample was collected in the MCA within a narrow gully on the north slope above camp where a

prominent NNW trending carbonate altered shear zone is located. Sample M04D-S01 was anomalous in a number of elements, assaying 206 ppb gold, 26.1 ppm silver, 738 ppm copper, 1,819 ppm arsenic, 28 ppm antimony and 21 ppm molybdenum. The high geochemical response may be due to mechanical concentration within the gully as no significant mineralization was noted along the shear to an elevation 1,350 metres. Two samples (M04D-WR12 & -WR15) were collected in the MCA for petrographic analysis. Sample M04D-WR12 was also submitted for whole rock analysis.

Prospecting – Regional Target Areas

Reconnaissance mapping, prospecting and the collection of 40 rock samples, 234 reconnaissance contour soil samples and 18 stream sediment samples was undertaken in 2004 on six additional Regional Target Areas. These areas are summarized below:

RTA-1 (Metla Creek Glacier West)

To the southeast along the west and east perimeter of the Metla Creek glacier on the Metla #1 and #6 claims; UTM: 640,780E / 6,473,000N.

A single contour soil line was extended up along the west side of the Metla Creek Glacier. Although the presence of ablation till and lateral moraine made sampling difficult and throws some doubt into the results, every effort was made to sample only colluvial soils and talus fines. The results are encouraging with 12 samples of a total of 39 samples greater that 80 ppb gold (95th percentile for gold in soils on the Metla Property) to a high of 252 ppb gold. A second line with tighter sample interval of 25m was sampled above the previous line, repeating the results; but failing to isolate the source of the anomaly. The anomaly overlies Mesozoic quartz diorite near its contact with the Stikine Assemblage argillites of the MCA. Prospecting failed to identify any significant mineralization in the area. A total of 57 soil samples and 3 rock samples were taken in RTA-1.

RTA-2 (Metla Creek Glacier East)

Along the east perimeter of the Metla Creek glacier on the tenure #510282 claim (approximate UTM: 642,100E / 6,471,700N).

Reconnaissance work by Chevron on the east side of the Metla Creek glacier identified some isolated areas anomalous in gold. Solomon field crews collected six samples, including three mineralized grab samples of sheared magnetite enriched diorite/granodiorite of the Coast Plutonic Complex that ran 4.4 grams per tonne gold

over 0.3 metres (M04S-C05), 784 grams per tonne (M04A-R142) and a float sample that ran 1.9% copper and 33.5 grams per tonne silver (M04SS-F04).

RTA-3 (Metla East Gossan Area)

To the east in the area of Late Cretaceous - Paleocene high level quartz phyric felsic intrusive and associated colour anomaly on the tenures #510284 and #510285 (approximate UTM: 644,850E / 6,473,250N).

Interest in the RTA-3 was based on a large colour anomaly located on the east part of the Metla Property straddling the boundary between tenures 510284 and 510285. The gossan is the result of intense oxidation of the Stuhini Group volcaniclastics(?) in immediate proximity to two Late Cretaceous-Paleocene high level, quartz phyric felsic intrusive plugs of the Windy Table Suite(?). The plugs are likely two exposures of one large intrusive body overlain by a thin veneer of altered Stuhini rocks. The area is intensely silicified, with abundant quartz vein stockworks of vuggy quartz. Trace to 1% pyrite is common. The highest assay obtained from the 18 rock samples collected is 84 ppb gold, although one sample ran 1,427 ppm arsenic (M04T-R37) and antimony is elevated in most rock samples to a high of 180 ppm. A total of 117 contour soil samples were collected on 5 lines located across the RTA-1 gossan. The results are generally low, but are widely anomalous in arsenic (to 3,751 ppm), molybdenum (to a high of 118 ppm) and more locally in zinc and copper. Some sample clusters define low level, weakly coincident gold-arsenic-antimony anomalies (to a high of 50 ppb gold).

RTA-4 (Rod Prospect)

Along the southeast perimeter of the tenure #510284 in the area of the Rod prospect (approximate UTM: 645,200E / 6,471,500N).

The Rod prospect was first explored by Chevron in 1983 It occurs where Stuhini Group volcanics are in contact across a prominent regional northeast shear with Late Cretaceous-Paleocene coeval volcanics and intrusive. In 2004, Solomon crews concentrated their efforts roughly 500 metres west along the east boundary of tenure 510284 where the northeast trending fault occurs up slope from strong arsenic-antimony-gold anomalies. Results from the 6 rock samples taken from pyritic silicified fault gouge and adjacent country rocks were not significantly auriferous, although a float sample of quartz vein stockwork assayed 7,819 ppm copper and 35.3 grams per tonne silver (R04D-F22).

RTA-5

To the northeast along the perimeter of the tenure #510285 (approximate UTM: 645,000E / 6,476,000N).

A total of 21 reconnaissance contour soil samples and 15 stream sediment samples were collected in the area at the northeast boundary of tenure 510285. The only result of significance was a silt sample from a stream draining RTA-3 which assay 65 ppb gold (R04T-SS12).

RTA-6

To the north along the perimeter of the Metla #3 (approximate UTM: 639,300E / 6,477,500N).

Two streams draining the north facing slopes above Trapper Lake at the north boundary of Metla #3 are anomalous in copper and copper plus silver (BC RGS, 1982). An attempt was made to run two soil contour lines higher on the slope at 900 metres and 1,100 metres above sea level through this area, but the terrain proved very difficult to traverse. A total of 26 soil and 4 silt samples were collected. No significant results were obtained.

7.2.2. Structure

According to Oliver and Hodgson (1989) and Oliver and Gabites (1993), the structural history of the area southeast of the project area towards Tatsamenie Lake, within the vicinity of the Golden Bear mine occurred over three main deformational epochs. The oldest deformation took place in the Middle Triassic and earlier, the Late Jurassic, and the Early Tertiary (Souther, 1971). The youngest deformation is characterized by north-trending axial surfaces and tight, upright to weakly east-overturned limbs. The Tatsamenie antiform is later deformed across broad upright northeast-plunging antiform-synform pairs. The development of broader, northwest trending open folds is the result of continued east-west shortening during the Jurassic. The interaction of these two fold styles produces a well-defined Type II interference pattern (Ramsay, 1962). The onset of extensional deformation during the mid-Tertiary was expressed as normal faults that effect the youngest Tertiary rocks (Souther, 1971).

The structural setting of the Metla Property is characterized by all phases of aforementioned deformation. Tight overturned folds can be observed within the sedimentary package. The gabbro sill closely mimics these folds, the irregular fold axes of which variably plunge in subparallel, but opposite WNW-ESE directions. Boudinage structures have also been observed in the argillites that exhibit cross-cutting strain

orientations, indicating multiple phases of deformation. Small drag folds are also common adjacent to faults (Tupper, 2005). The ductile style of deformation in rocks adjacent to Metla creek is in marked contrast to the brittle deformation which characterizes the younger intrusions. Numerous north-north-easterly steep dipping faults cross cut the property. Mawer (1989) suggested 200 m or more horizontal displacement along some of these faults, and that most if not all the faults appear to be later than the intrusive breccia; however, there is no clear indication of what structure if any has localized the intrusive breccia.

7.2.3. Metamorphism

The metamorphic history of the rocks underlying the Metla Property is not well known. Within the claim area the degree of metamorphism is generally low, likely of greenschist facies. Some hand samples have been documented to contain prehnite as vesicle in-fillings (Blackwell, 1991; based on Mawer, 1989). Widespread saussuritization may be related to regional or contact metamorphism, or the effects of low temperature deuteric alteration. Hydrothermal alteration is also noted within the intrusive breccia, some clasts are altered to sericite and fuchsite and calc-silicates were observed in the calcareous sediments (Souther, 1971; Mawer, 1989; Tupper, 2005).

8. Deposit Types

Within the region, a series of Late Cretaceous volcanic and subvolcanic plutonic rock form a belt on the eastern margin of the Coast Plutonic Belt and intrudes the Stikine Terrane (e.g., Mihalynuk, 1999). This belt extends from at least the Golden Bear Mine (Oliver, 1996) in the southeast to the Surprise Lake Batholith in the northwest (Mihalynuk, 1999). The known or inferred Late Cretaceous volcanoplutonic complexes have associated hydrothermally altered rocks (Souther, 1971; Mihalynuk, 1999; Simmons *et al.*, 2005) and associated styles of mineralization. Through detailed mapping, Simmons *et al.* (2005) found that magmatic-related hydrothermal alteration and sulfide-bearing rocks are common throughout the Metla and Thorn property areas, suggesting that six styles of mineralization are associated with the Late Cretaceous volcanoplutonic belt: 1) quartz + pyrite + enargite + tetrahedrite veins, 2) breccia-hosted silver + lead + zinc (gold + copper) bearing sulfides, 3) porphyry copper + molybdenum, 4) quartz + arsenopyrite ± sphalerite ± galena veins and disseminations, 5) skarn and carbonate replacement and, 6) sedimentary rock-hosted or Carlin-like mineralization.

Porphyry deposits are scattered throughout the Intermontane arc complex, especially within the Stikine terrane and mineralization within the Metla area could be due to decompression melting during crustal extension (~80–50 Ma) (Logan and Mihalynuk, 2014). Zircon U/Pb geochronology at the Thorn Property on the Cirque monzonite gives a maximum age for porphyry copper + molybdenum mineralization of 82.2±0.2 Ma (Simmons *et al.* 2005). Tupper (2005) submitted that compilation of the work done to date at the Metla property supports the interpretation as proposed by Simmons *et al*. (2005) that the hydrothermal breccia unit and associated auriferous base metals mineralization at the Metla Creek Area is a distal remnant of a deeply eroded volcanic centre. Several reasons support this hypothesis including the Cretaceous U/Pb zircon age of associated intrusive/volcanic sequences at the Thorn Property, mineralization occurrences throughout the belt with very comparable nature and resemblance in mineralogy and chemistry (high silica) of mapped Late Cretaceous (?) intrusive stocks on the Metla property.

The hydrothermal carbonate breccia hosted showings of the Metla Creek Area are characteristic of the mineralization identified on the Metla property. The nature of mineralization strongly supports the idea that the property could host a significant volcanoplutonic associated, low or intermediate sulphidation epithermal deposit hosted in several diatreme bodies. Aspinall (2014) interpreted that the mineralization of the Metla Main Zone consists of six brecciated diatremes that make up Zones A through F and that a seventh diatreme could occur under the glacial debris between Zones A and D. Figure 8.1 is a schematic cross sectional interpretation of the mineralization within the Metla Creek Area.

Another possibility is that the bedded massive sulphide mineralization observed within the argillite in both outcrop and in boulders is genetically associated to a volcanogenic massive sulphide (VMS) deposit. This hypothetical VMS deposit would be related to the much older accreted volcanic arc of the Stikine assemblage.

A mineral resource assessment of the Atlin-Taku land-use planning area was completed by the BCGS; their main objective was to provide current information regarding the metallic and industrial mineral resource potential within the area (MacIntyre and Kilby, 2009). From their work a map was produced in which they were able to rank the potential of a given area based on several detailed criteria (Figure 8.2). Within the Atlin-Taku mineral resource assessment, as per the BCGS, the Metla property falls within a highly ranked region.

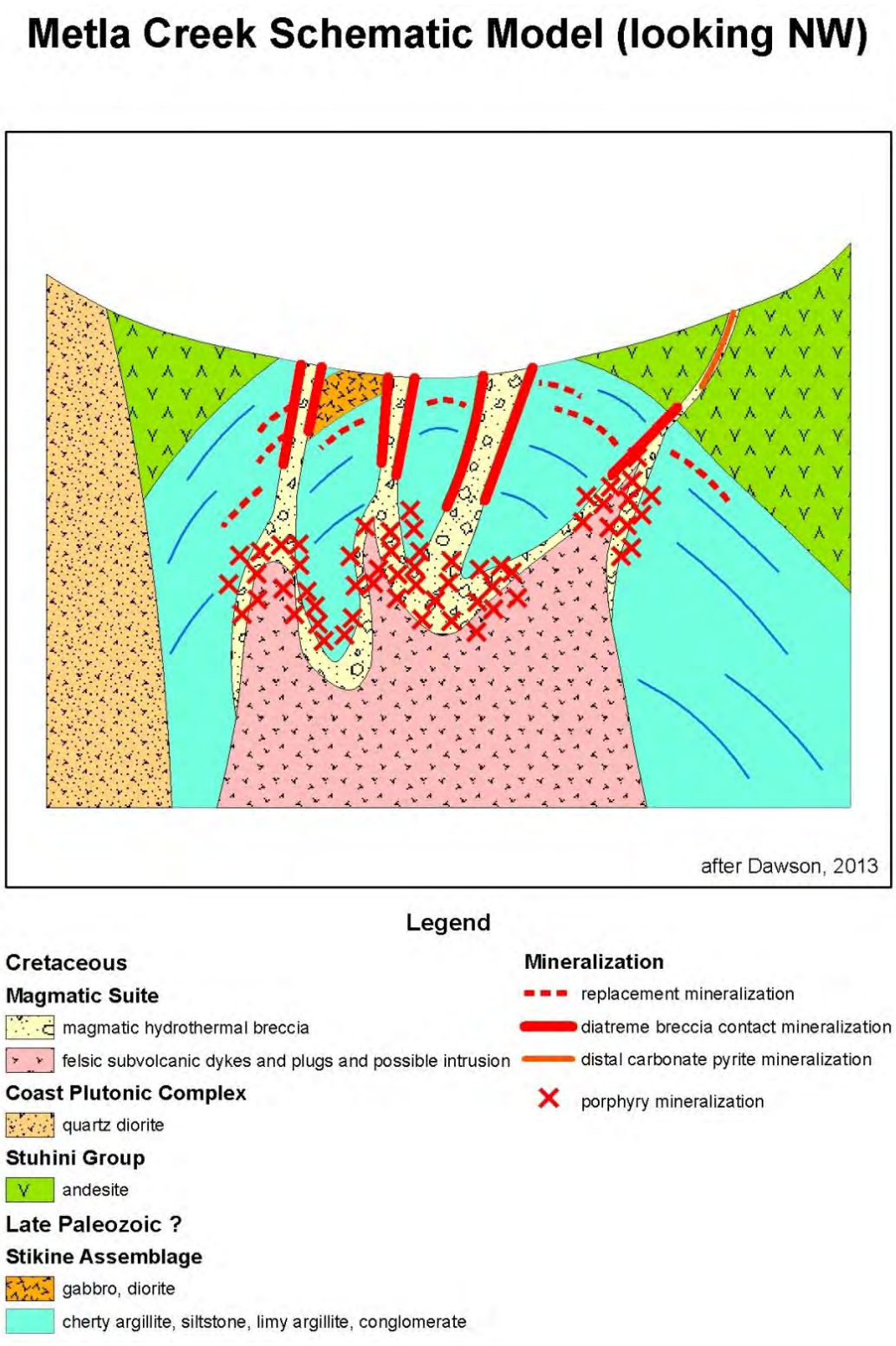


Figure 8.1 - Schematic Cross-section of the Metla Creek Area, drawn by Andrew Wilkins after Dawson in Aspinall, 2014

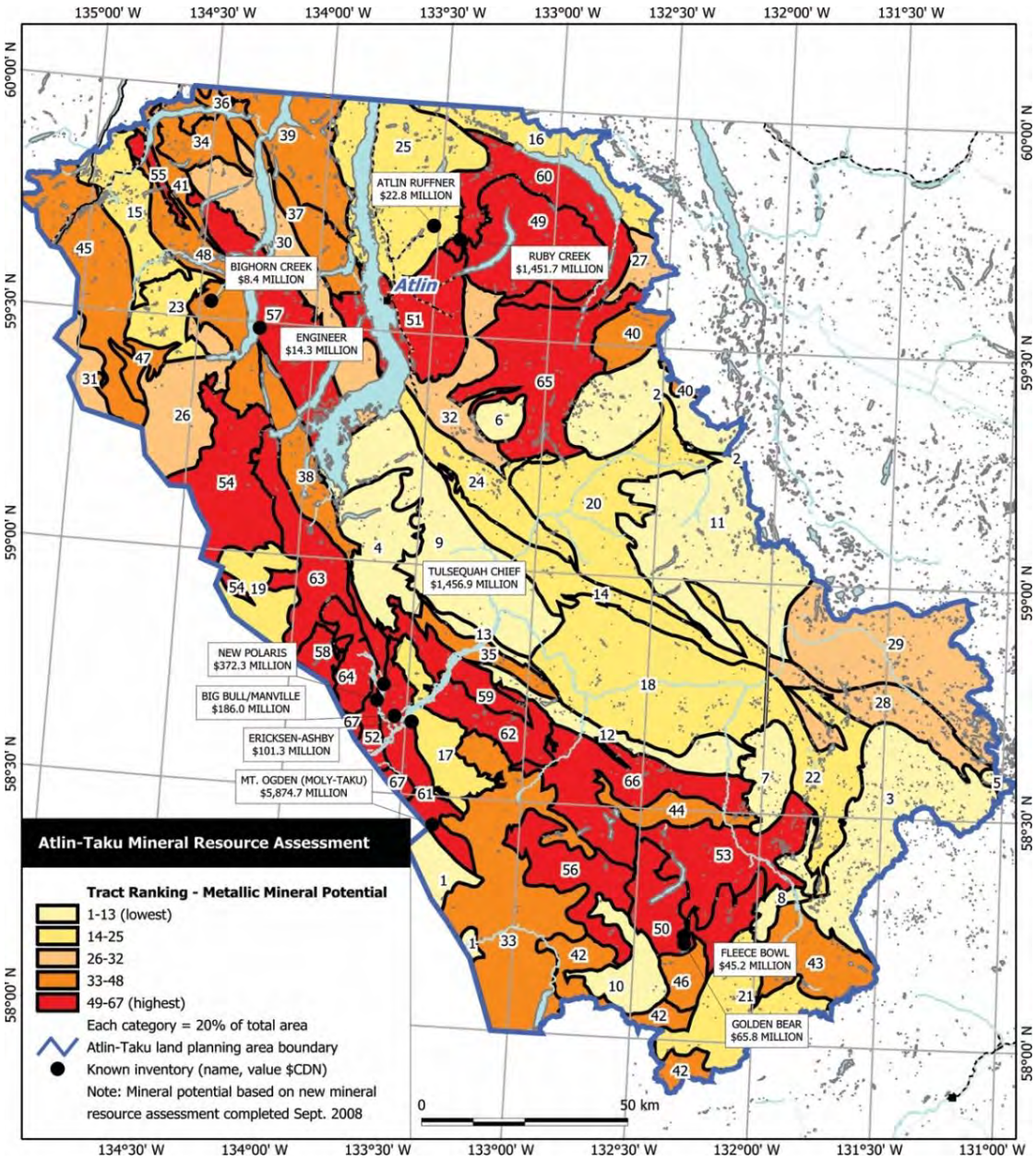


Figure 8.2 - Metallic Mineral Potential and Location of Known Resources, from Macintyre and Kilby (2009)

9. Exploration

During the summer of 2017, Stuhini Exploration Ltd. utilized Global Drilling Solutions to conduct a small exploration project on the Metla Property. Field personnel consisted of Lucia Theny of Lithos Geological Inc., Clive Aspinall, Ashlee Schmaltz, Dr. Reinhardt Ramdohr and Janet Miller. A total of 27 field man-days were spent on the claims.

In September of 2017, Andrew Wilkins of Lithos Geological Inc. conducted a property visit for the purposes of this report. He was assisted by Clive Aspinall, Dr. Reinhardt Ramdohr and Janet Miller.

Prospecting and mapping traverses were conducted throughout the property. The main showings in the Metla Creek Area were also revisited. A total of 110 rock samples were collected in the first phase and a further 24 samples were collected in the second phase. Results confirmed the presence of multi-element gold, silver, copper, lead, zinc and arsenic mineralization as noted in previous exploration programs. No chip or channel samples were collected so assay values do not represent any true widths of mineralization.

All rock samples from the Metla tenures were submitted to Bureau Veritas Mineral Laboratories Ltd. in Vancouver, B. C. for 53 element analyses by Aqua Regia digestion and ultra-trace induced coupled plasma mass spectrometer (ICP/MS) methods. Over limits were analysed by 4 acid digest and induced coupled plasma emission spectrometry (ICP/ES) methods. Bureau Veritas Mineral Laboratories Ltd. is an ISO 9001-certified facility that is independent of the issuer.

Rock sample locations and anomalous values for gold, silver, copper, lead, zinc and arsenic from all the programs since 2011 are shown in Figures 9.2 - 9.7 of this report. Certificates of Analysis are presented in Appendix 1 and sample descriptions are in Appendix 2.

A total of 4.6 kilometres of ground magnetics was also conducted during this time using a GEM systems GSM 19GW – walking gradiometer. Figure 9.8 shows the results of the survey. The magnetic highs match mapped diorite and more complete coverage would help in the mapping and targeting of the Metla Creek Zones.

In the spring of 2018, Geotech Ltd. was contracted to fly a Helicopter-borne Versatile Time Domain Electromagnetic (VTEM^{TM}) and Aeromagnetic Survey. The survey consisted of 419 line kilometres covering an area of 76 km^2. Geotech geophysicists recognize one anomalous zone observed in the EM profiles. The zone is approximately 1500 metres wide by 5000 metres long and is oriented in a NW-SE direction. A formal interpretation of the data has not been done at this point and Prikhodko recommends in the Geotech report that Maxwell Plate modeling should be undertaken prior to any drilling of geophysical anomalies (Prikhodko, 2018).

Figures 9.9 and 9.10 are maps of the Total Magnetic Intensity and the Versatile Time Domain Electromagnetic B-Field Component of the VTEM Airborne Geophysical Survey in the MCA area.

In August of 2018, a camp was constructed on the property (Figure 9.1). During this time, Clive Aspinall and Blake Tinkess did some 1:2,000 scale geological mapping of the Metla Creek Zone and collected a total of 36 rock samples. The rock samples from 2018 have not been sent in for assay at this time.

Figure 9.1 – Metla Camp Construction in 2018

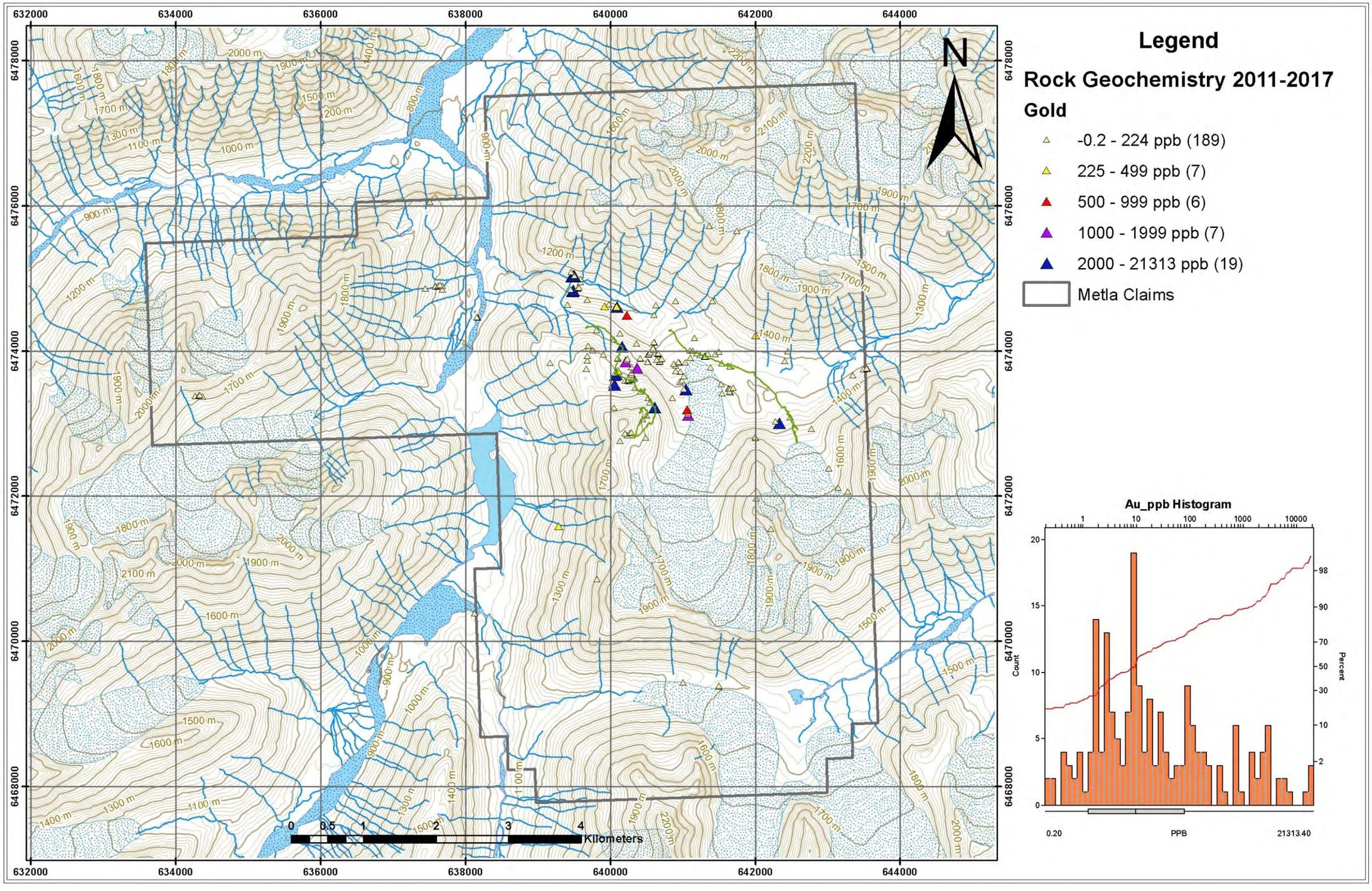


Figure 9.2 - Gold Rock Geochemistry, drawn by Andrew Wilkins

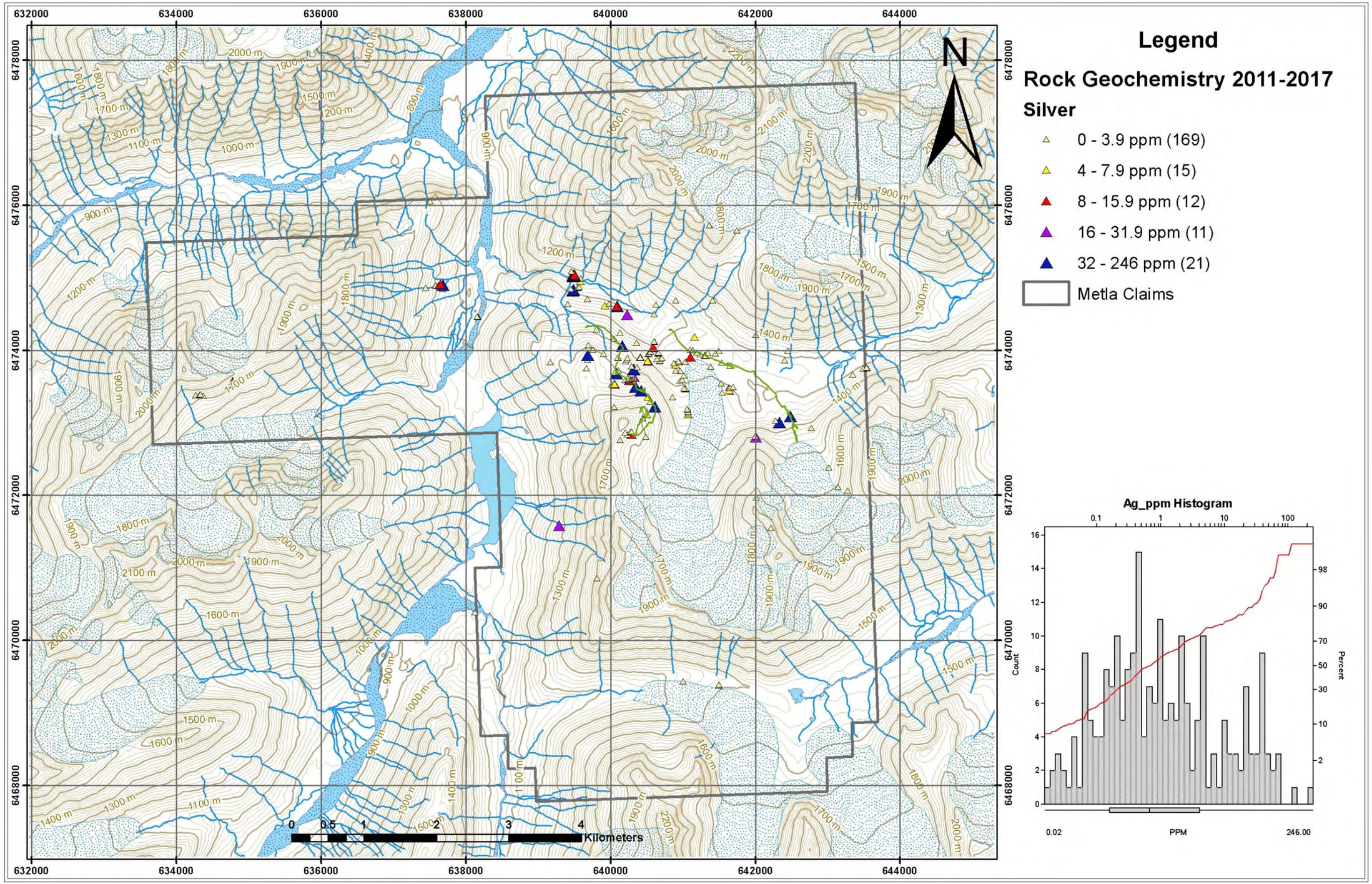


Figure 9.3 - Silver Rock Geochemistry, drawn by Andrew Wilkins

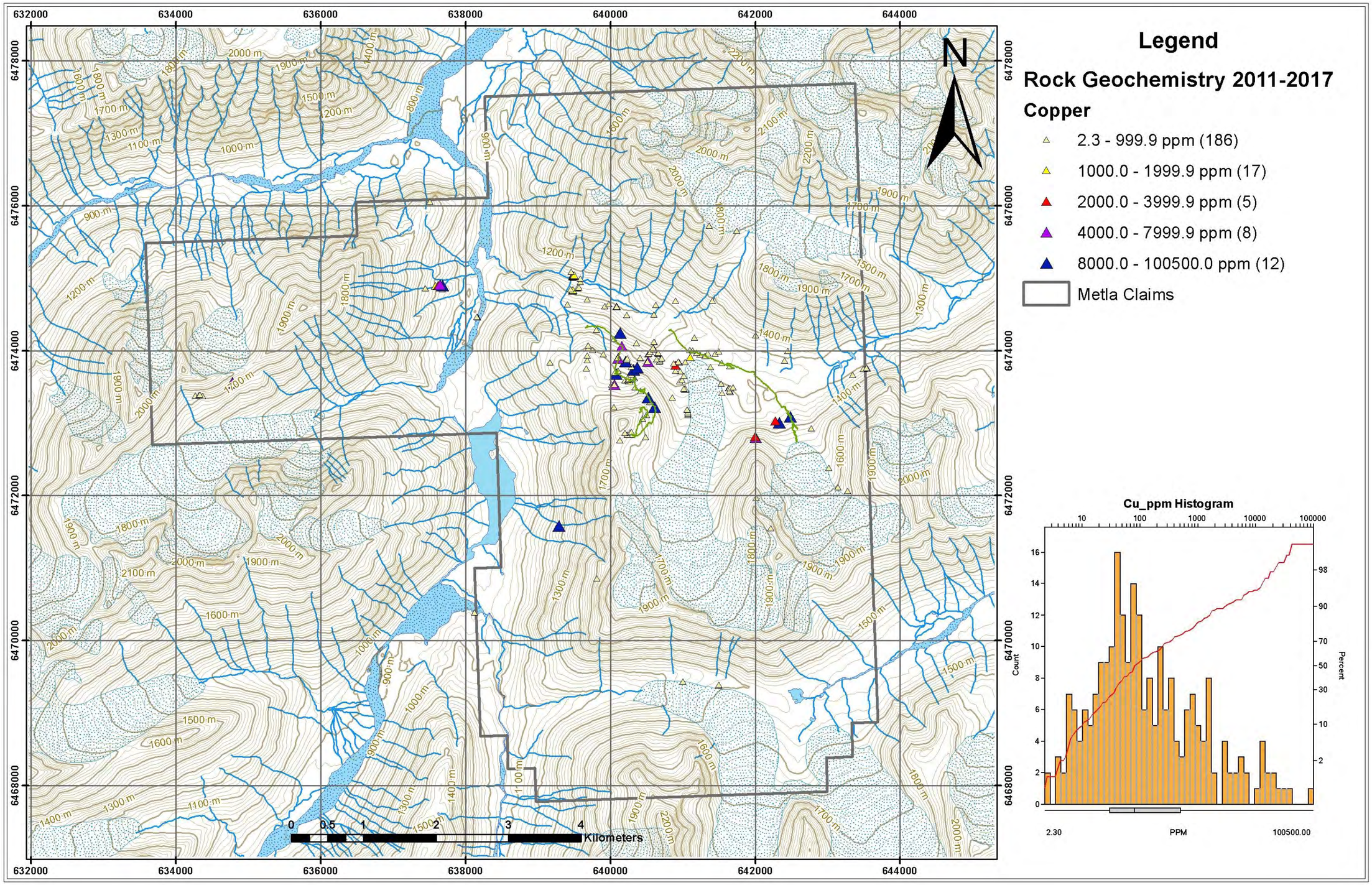


Figure 9.4 - Copper Rock Geochemistry, drawn by Andrew Wilkins

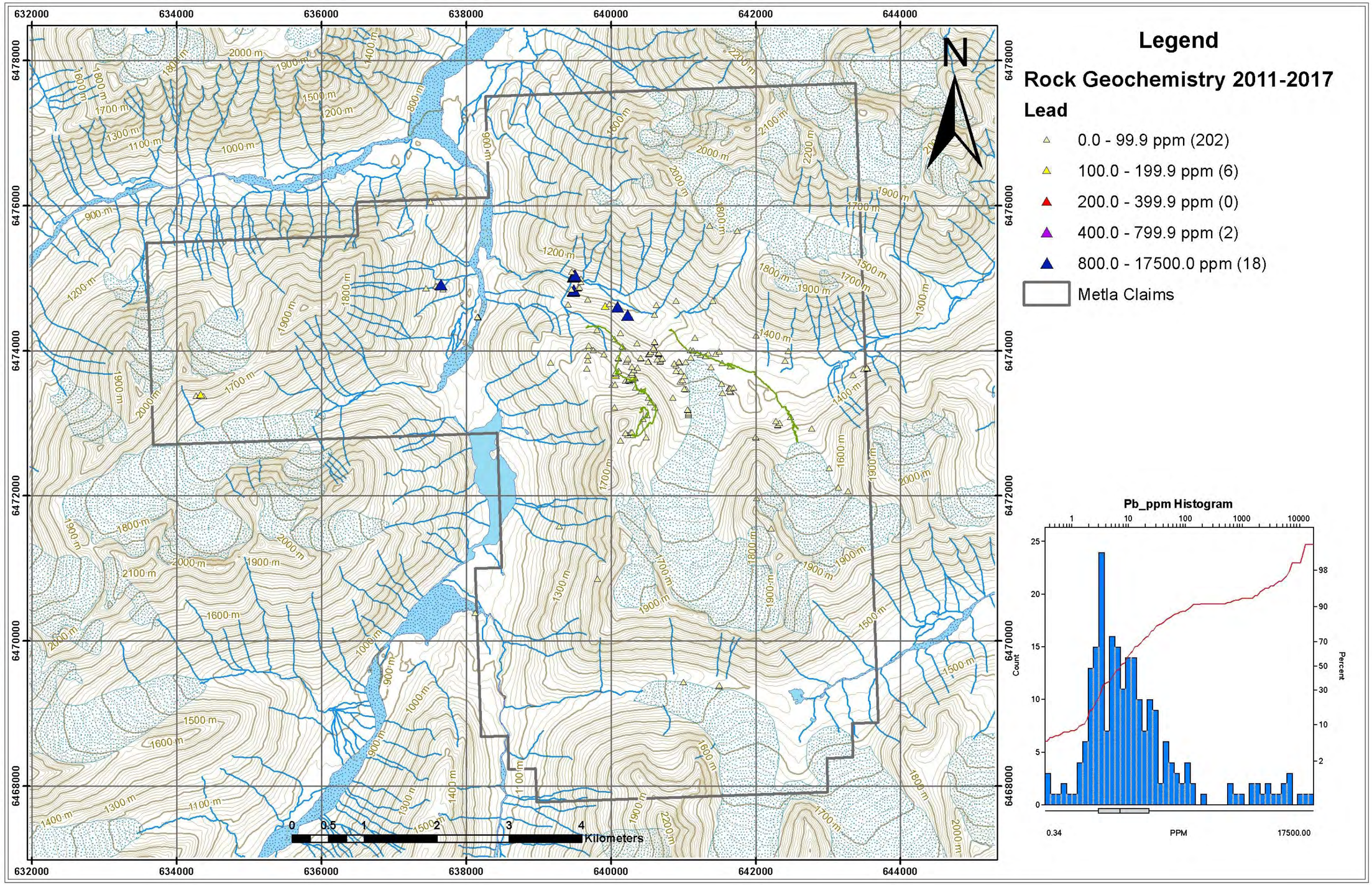


Figure 9.5 - Lead Rock Geochemistry, drawn by Andrew Wilkins

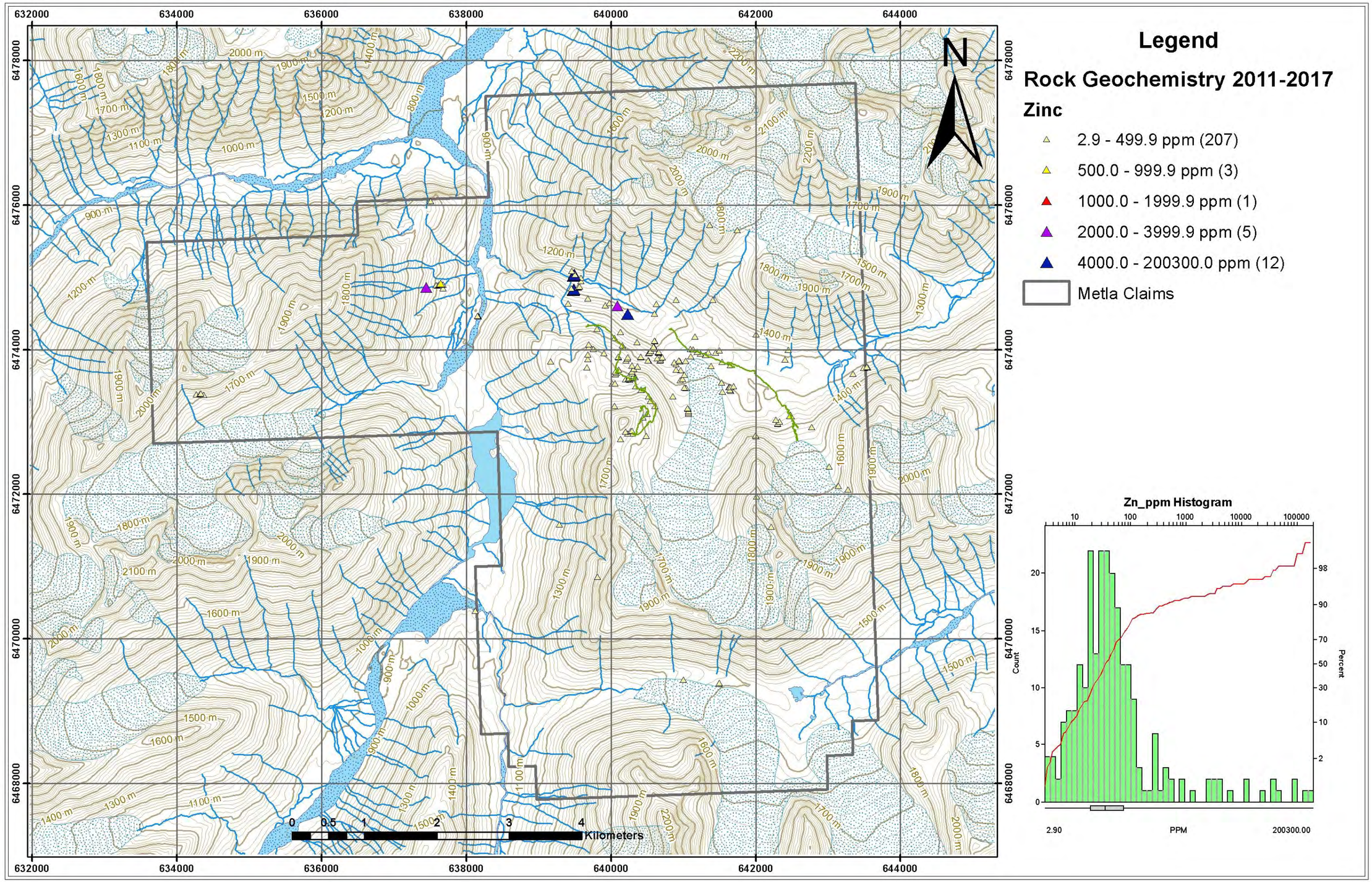


Figure 9.6 - Zinc Rock Geochemistry, drawn by Andrew Wilkins

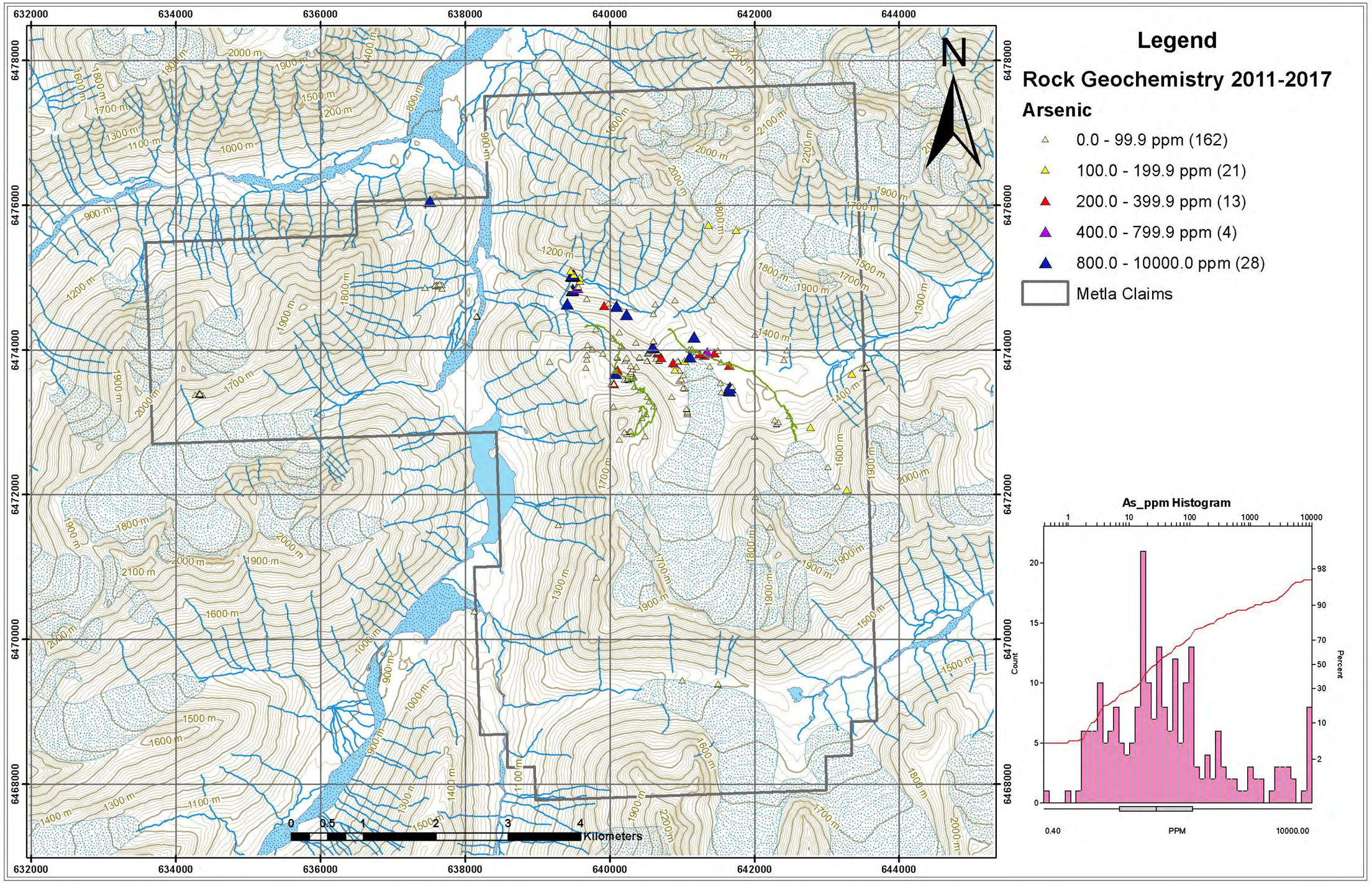


Figure 9.7 - Arsenic Rock Geochemistry, drawn by Andrew Wilkins

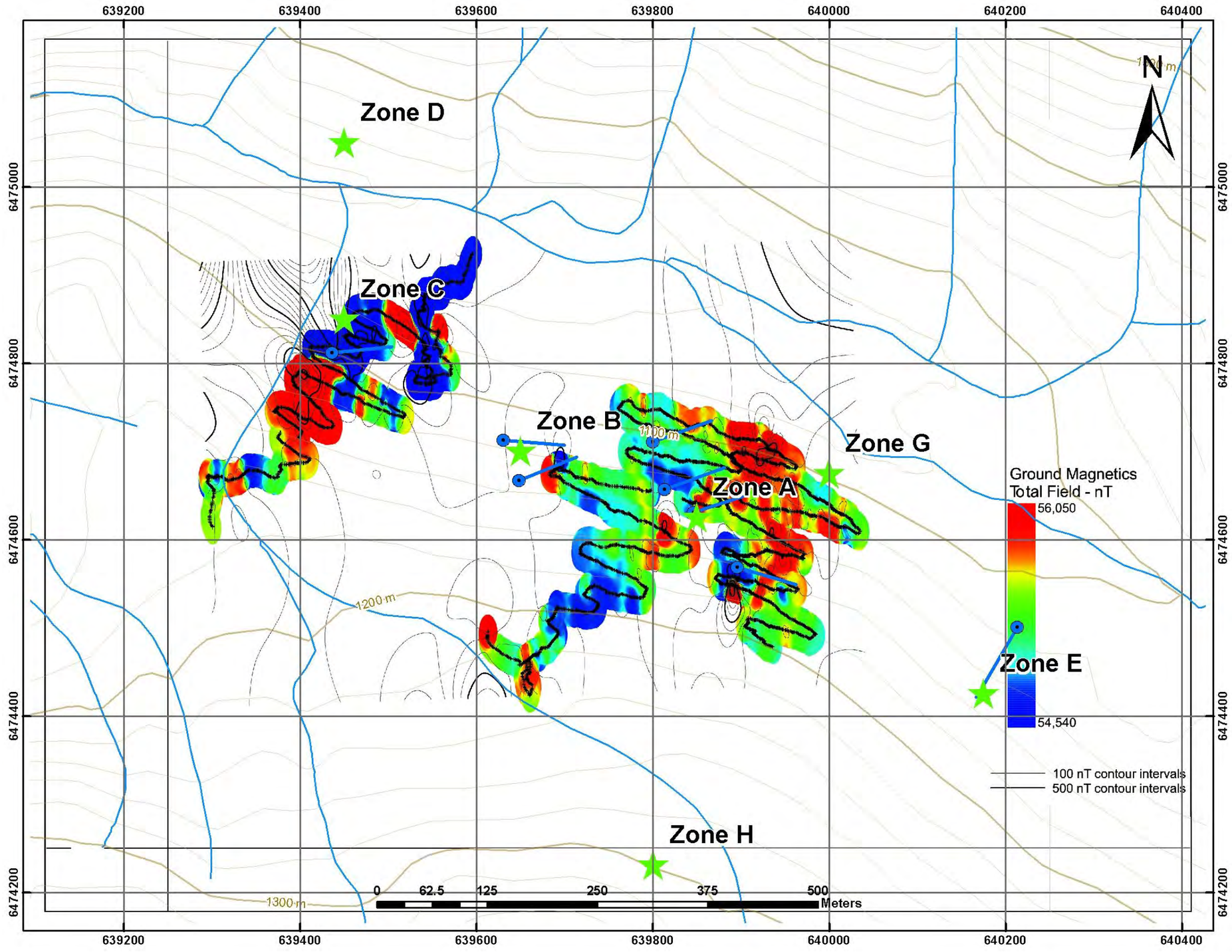


Figure 9.8 - Ground Total Field Magnetics, drawn by Andrew Wilkins

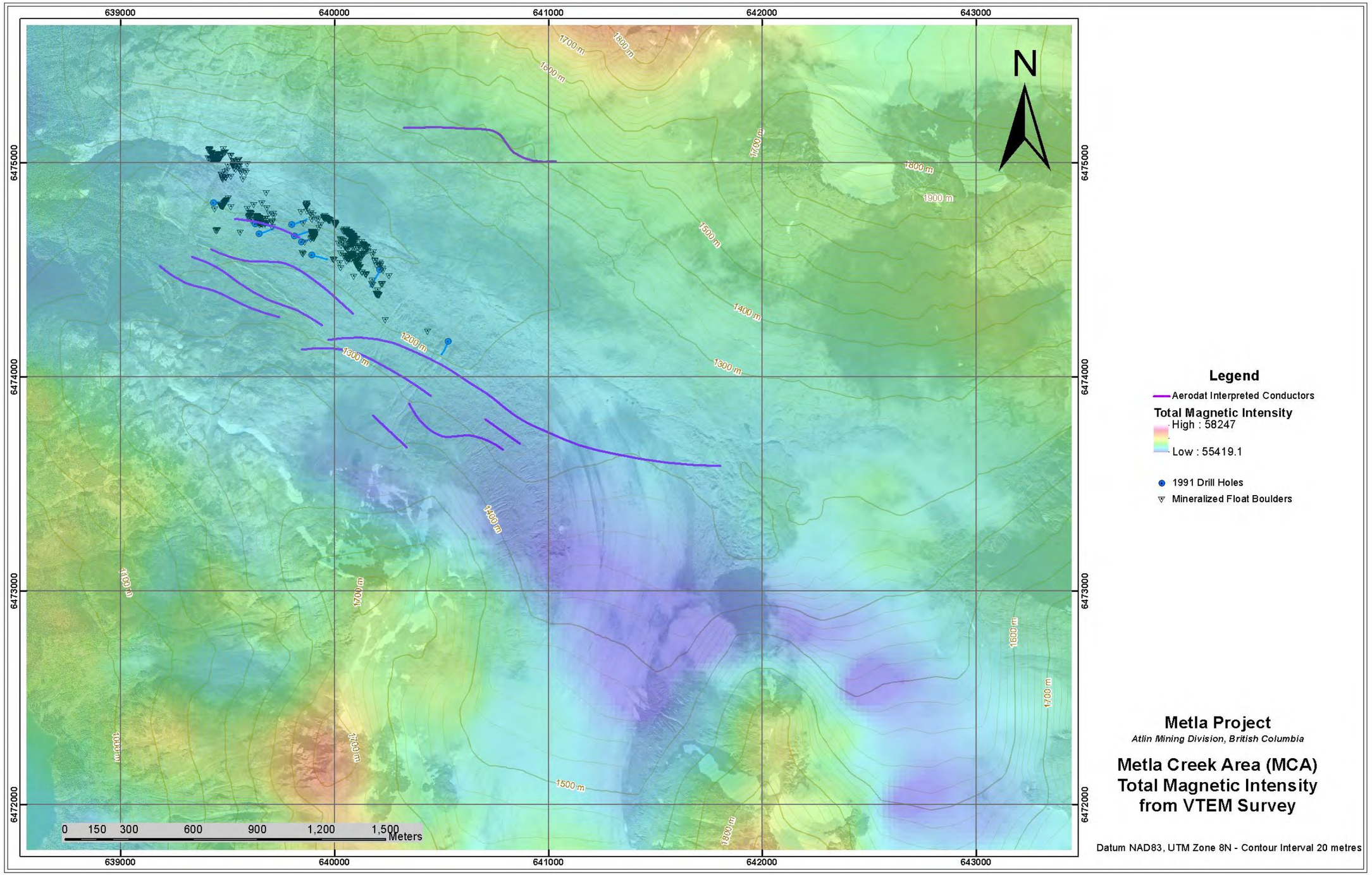


Figure 9.9 - Airborne Geophysics; Total Magnetic Intensity, drawn by Andrew Wilkins

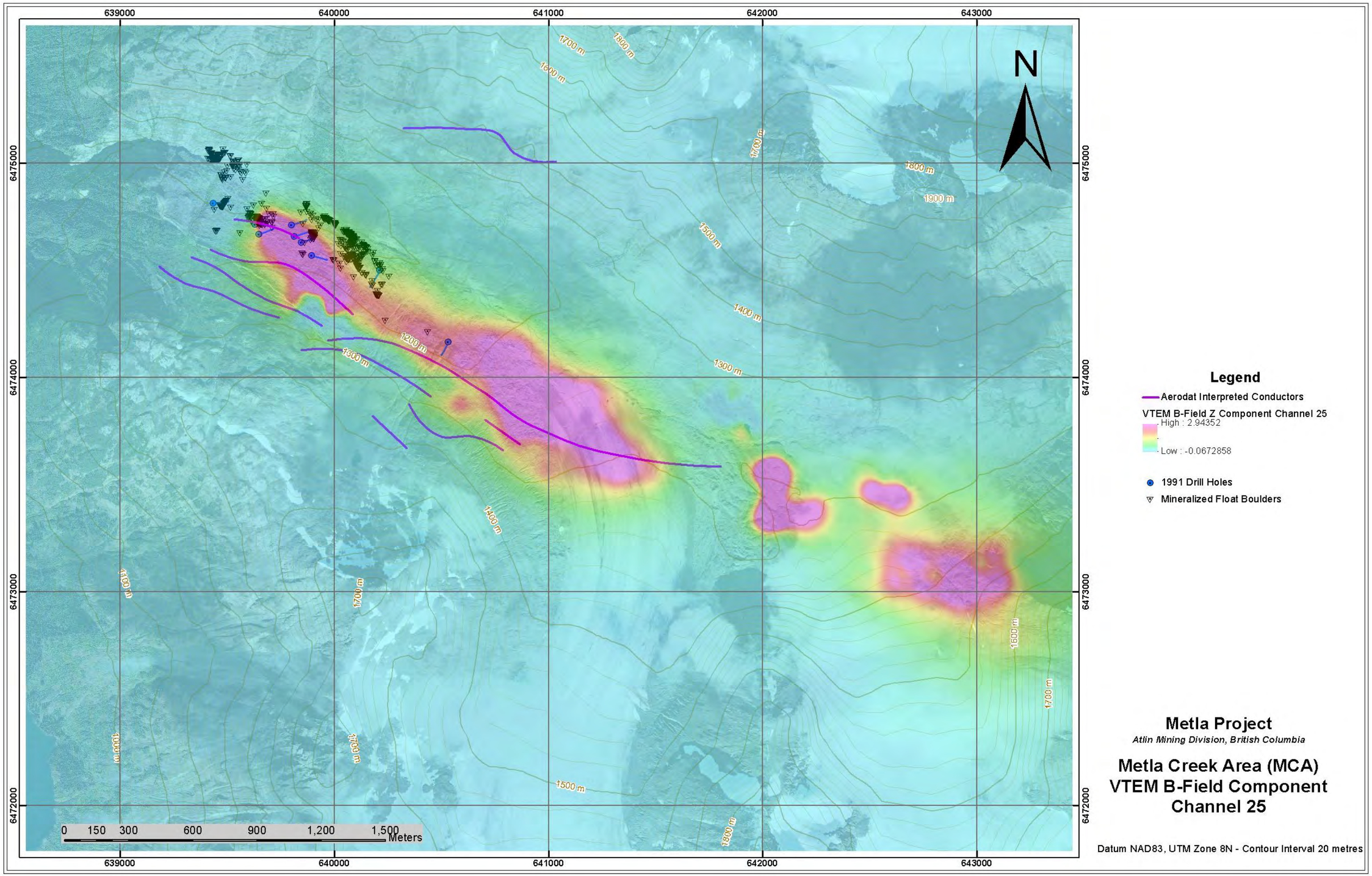


Figure 9.10 - Airborne VTEM Geophysics; B-Field Component Channel 25, drawn by Andrew Wilkins

10. Drilling

A 1,075 m BTW (BQ thin wall) diamond drill program was conducted on the Metla property in 1991 by Galico Resources (Figure 10.1). The drill holes targeted geophysical electromagnetic targets generated in 1991 (Dvorak, 1991). Results from the drill program were never reported. In 2004 Solomon crews re-logged the core that was stored at Trapper Lake. Through re-logging the core, it was established that the entirety was split for assays. Several, if not all potentially mineralized lithologies were tested and based on visual estimates of the Solomon crew, no significant mineralization was intersected. The locations of the drill holes were located in most cases, although only hole M91-01 was identified based on a collar ID tag. Five samples from three holes were taken for analyses in 2004; sample from M91-08 had the only anomaly in any elements. The sample consisted of a hydrothermal breccia with argillite clasts and 2.5% coarse blebby pyrite, sample M04D-R20 assayed 106 ppb gold, 5.6 g/t silver and 585 ppm copper (Tupper, 2005). In 2013 the drill core was re-boxed and moved to Atlin for safe storage. The locations of the holes are shown in Table 3.

Table 3 - Drill Hole Locations

Hole ID	Easting NAD83	Northing NAD83	Elevation (metres)	Zone	Azimuth	Dip	Depth (metres)
M91-01	639846	6474631	1134	A	072°	-47	95.1
M91-02	639896	6474569	1153	A	107°	-45	98.2
M91-03	639813	6474657	1139	A	070°	-46	104.6
M91-04	639800	6474711	1102	A	070°	-45	99.7
M91-05?	639436	6474812	1097	C	084°	-47	144.2
M91-06?	639648	6474667	1142	B	068°	-45	95.1
M91-07?	639630	6474713	1120	B	095°	-46	98.4
M91-08	640213	6474501	1114	E	210°	-45	129.9
M91-09	640533	6474164	1155	F	209°	-44	95.4

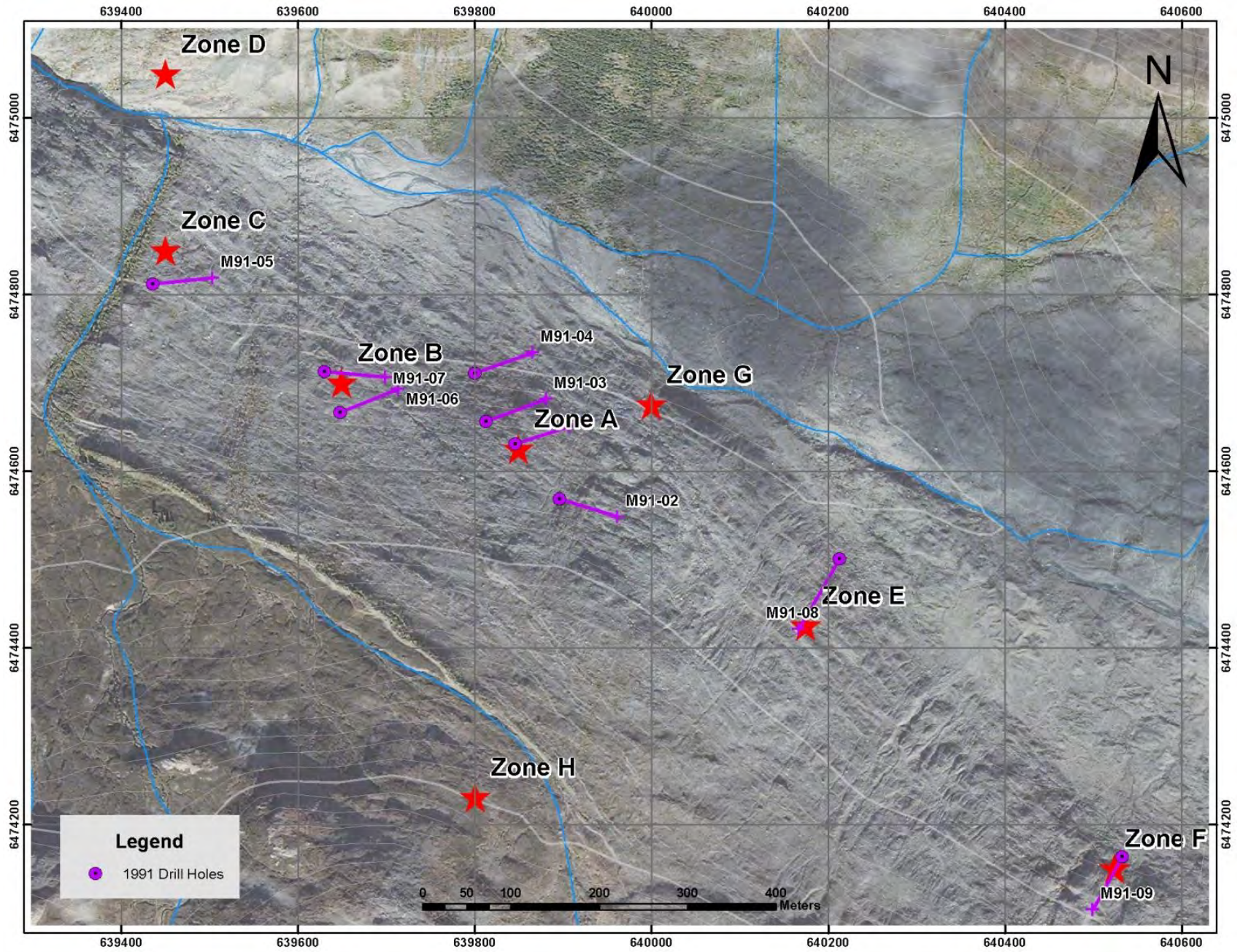


Figure 10.1 - 1991 Drill Hole Locations, drawn by Andrew Wilkins after Tupper, 2005.

11. Sample Preparation, Analyses and Security

During the 2017 exploration program, all geological and geochemical field stations and sample locations were recorded using a hand-held Garmin GPS. Rock and chip samples were collected from outcrop or float, which were placed in individual plastic bags and sealed with zap straps. Sample tags were placed in the bags before sealing. Samples were flown back to Atlin at the end of the day and were placed in rice bags. Samples were then delivered by truck to the Bureau Veritas Minerals prep lab in Whitehorse. The samples were prepped using Bureau Veritas' code PRP70-250. This involved crushing the rock samples so that greater than 70% of the sample passed through a 2mm sieve. 250 grams is then pulverized to 75 micrometres. Once prepped, the sample splits were sent to the Bureau Veritas Minerals lab in Vancouver for analysis. The samples were analyzed using code AQ252_EXT. A 30 gram split is digested in a modified aqua regia consisting of a 1:1:1 ratio of three acids (HNO3:HCl:H2O) and then analyzed for 53 elements using an inductively coupled plasma mass spectrometer capable of determining low to ultra-low determinations. The 30 gram split gives a more representative analysis of elements subject to nugget effects such as gold. Gold solubility can be limited in refractory and graphitic samples. Over-limits were re-analyzed using code MA370. This consisted of a 30 gram split digested in four acids and then analyzed for the respective element using an inductively coupled plasma emission spectrometer reporting in percent level concentrations.

Bureau Veritas Minerals is an accredited lab under the ISO 9001:2015 registration. Their in house quality control program includes the traceability of samples through the use of barcode tracking. Sample duplicates are created and analyzed for all rock samples submitted. The laboratory inserts reference materials, replicates and blanks into randomly assigned positions within each analytical rack, providing in-house Quality Control protocols for verification of the analytical process.

Bureau Veritas Minerals is an independent lab and not related to Stuhini Exploration Ltd.

The author of this report is satisfied that the Metla Property geochemical samples were obtained, transported and analysed appropriately, with sufficient attention to security, handling and reporting for the purposes intended.

12. Data Verification

The data that forms the basis of the technical information contained in this report were obtained from government publications, assessment reports, field observations by qualified persons, and from independent ISO 9001 certified analytical laboratories. The author has resampled several of the historic showings and results have confirmed the presence of gold, silver, copper, lead, zinc and arsenic mineralization. The Metla Property is still an early stage exploration play and no further data verification is necessary at this point. The author is satisfied that the historic work was conducted in a professional manner and that the data is adequate for the purposes presented in this report. Going forward, drilling is warranted and recommended; QA/QC protocols, including blanks, standards and duplicates would be appropriate in future drill programs and more focused technical surveys.

13. Mineral Processing and Metallurgical Testing

No metallurgical work has been carried out to date on material from the Metla property.

14. Mineral Resource Estimates

No mineral resource estimates have been made to date on material from the Metla property.

15. Adjacent Properties

There are many mineral occurrences throughout the area surrounding the Metla Property. The information in this section describes several of the adjacent properties. In general, the styles of mineralization of these occurrences can be loosely constrained by two metallogenic environments, the younger being Cretaceous continental arc magmatic deposits and the older being Mesozoic and Paleozoic island arc related deposits.

Mineralization interpreted to be related to the Cretaceous volcanoplutonic magmatic suite occurs at the past producing Golden Bear Mine, and prospects including the Thorn, Cirque, Trapper, Bing and Red Cap properties. The past producing New Polaris mine and deposit may also be part of this magmatic suite.

The Golden Bear mine is reported to have produced 2,171,150 tonnes of ore with 15,044,867 grams of gold with 1,716,107 grams of silver from 1989 to 2002 (Minfile Report, 104K 079; Tupper, 2005).

The New Polaris mine was in operation from 1938 to 1942 and 1946 to 1951, producing 740,000 tonnes of ore at an average grade of 10.3 grams per tonne gold (Morris, 2007). The New Polaris is currently operated by Canarc Resources Corp. In 2007, Moose Mountain Technical Services estimated the New Polaris Project contains approximately 1,288,000 tonnes of resource in the measured and indicated category grading 12.54 grams per tonne gold. In addition, the deposit contains 1,628,000 tonnes of resource in the inferred category grading 12.15 grams per tonne gold. The mineral resource is reported at a 6 grams per tonne gold cut-off grade (Morris, 2007).

The Thorn Property is currently operated by Brixton Metals and owned by Kiska Metals Corporation. Diamond drilling in the Oban breccia zone has intersected 95.08 m of 0.12% copper, 3.31% lead, 2.39% zinc, 1.71 ppm gold and 628 ppm silver (Brixton Metals Corporation, 2012). The Chivas zone represents an important new mineralized target and is part of a district scale system at the Thorn project. Mineralization is hosted by quartz-carbonate-pyrite, galena-sphalerite-sulphosalts veins, polyphase and/or hydrothermal breccia and fault zones within Stuhini Group volcanic rocks and is interpreted as being peripheral to a gold – silver – copper – molybdenum porphyry system. The Chivas Zone is located about 3 kilometres southwest from the western edge of the sediment hosted Outlaw Gold Zone where hole 128 intersected 59.65m of 1.15 grams per tonne gold, 5.64 grams per tonne silver, and about 3 kilometres south from the Oban Diatreme Breccia Zone where hole 60 intersected 95m of 628 grams per tonne silver and 1.71 grams per tonne gold, 3.31% lead, 2.39% zinc, 0.12% copper (Brixton Metals Corporation, 2017).

The Trapper property operated by Ocean Park Ventures and owned by Constantine Metal Resources has reported diamond drilling including 147.52 m of 566 ppm lead, 1285 ppm zinc, 0.42 ppm gold and 1.99 ppm silver (Ocean Park Ventures Corporation, 2012).

Mineralization within the region and related to the Stikine island arc terrane has been identified at the past producing Tulsequah Chief and Big Bull mines. Both these deposits are considered to fit volcanogenic massive sulphide models.

The Tulsequah Chief and Big Bull mines were in production from 1951 to 1957. Production totals were reported as 935,536 tonnes of ore with 2,931,644 grams of gold, 105,744,215 grams of silver, 56,544 tonnes of zinc, 12,341 tonnes of copper and 12,214 tonnes of lead (Arseneau, 2010A, Arseneau 2010B). In 2010, Chieftain Metals Inc. acquired the Tulsequah Chief and Big Bull deposits. SRK Consulting was commissioned to produce a resource on the two deposits. SRK estimated that the Tulsequah Chief contains a total of 6.0 million tonnes classified as Indicated Mineral Resources grading 1.42% copper, 1.23% lead,

6.44% zinc, 2.63 grams per tonne gold and 96 grams per tonne silver. In addition, the deposit contains 1.1 million tonnes classified as Inferred Mineral Resources grading 0.94% copper, 0.93% lead, 5.0% zinc, 1.63 grams per tonne gold and 72 grams per tonne silver. The mineral resources are reported at US$100 cut-off (Arseneau, 2010A).

SRK estimated that the Big Bull deposit contains approximately 231,000 tonnes of resource in the indicated category grading 3.22% zinc, 0.38% copper, 1.20% lead, 2.9 grams per tonne gold, and 152 grams per tonne silver. In addition, the deposit contains 728,000 tonnes of inferred mineral resource grading 0.34% copper, 2.42% lead, 5.61% zinc, 3.9 grams per tonne gold, and 185 grams per tonne silver. The mineral resources are reported at US$100 cut-off (Arseneau, 2010B).

The author has not verified any of the above stated mineral reserves or historic production from adjacent properties. As well the information from the adjacent properties is not necessarily indicative of the mineralization on the Metla Property that is the subject of this technical report.

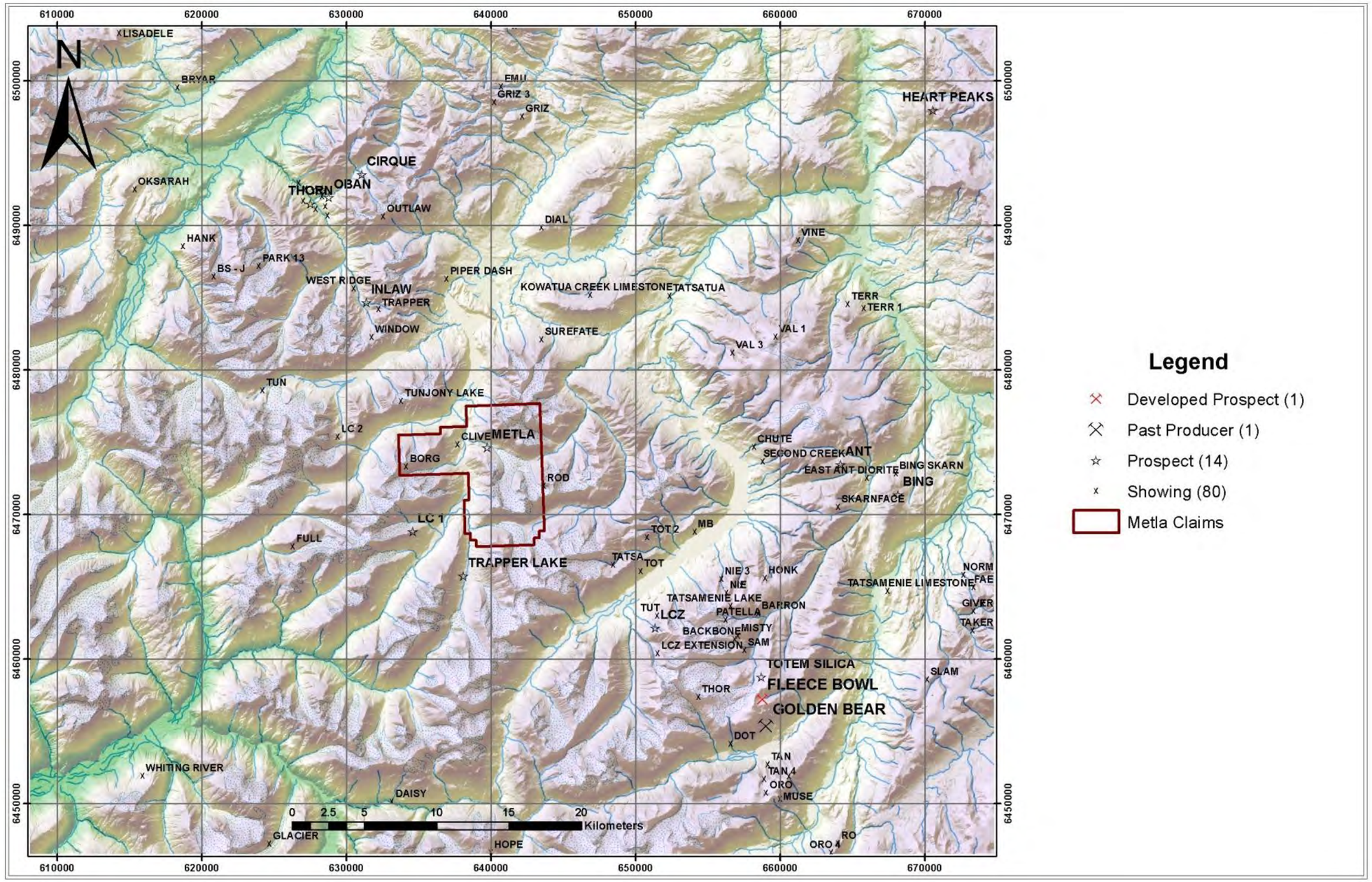


Figure 15.1 - Adjacent Properties, drawn by Andrew Wilkins from digital MINFILE database, BC Ministry of Mines.

16. Interpretation and Conclusions

Although 9 drill holes and some extensive mapping and sampling has occurred in the vicinity of the Metla Creek Area, the source of the numerous mineralized boulders scattered throughout the area has not been determined or adequately tested. To date, only two holes have been drilled up ice from the end of the identified boulder train.

Dvorak (1991) concludes that the EM anomalies and conductors in the Metla Creek Area constitute the most attractive conductor targets of the entire survey. They are associated with the best low resistivity zone, with an attractive VLF-EM anomaly, and a suite of interesting magnetic gradient anomalies. They are a high priority target.

Alteration minerals noted in petrographic studies (Aspinall, 2007) from the Metla Creek showings consists of mostly calcite, quartz, chlorite, some sericite, hematite, epidote and actinolite. Distal to the Metla Creek showings are mostly iron carbonate brecciated veins in well-defined brittle fault structures. The alteration mineral assemblage suggests low to moderate temperatures in line with a low to intermediate sulphidation system in the epithermal regime or a volcanogenic massive sulphide system with an associated feeder system.

Some key geological and geophysical observations are as follows

- A spatial association between the breccia bodies and the cross-cutting faults in the Metla Creek Area implying that structures play an important role as conduits for the mineralizing fluids.
- Sulphide mineralization is commonly associated with argillite either as stratiform beds within the argillite, within the carbonate breccia with abundant argillaceous clasts, or within the carbonate breccia along the contact with the argillite, suggesting that the chemistry of the argillites may influence the precipitation of the sulphides.
- In the Metla Creek Area, the prominent linear northwest trending VTEM^{TM} conductor is broken up and possibly displaced in a few locations.
- In the Metla Creek Area, there are magnetic lows overlapping and immediately south of the breaks in the VTEM^{TM} anomaly.

With these observations in mind, I suggest that the VTEM^{TM} and Aerodat EM and VLF-EM anomalies in the Metla Creek Area could be due to the pyritic and carbonaceous argillites and that the magnetic lows could be the result of

magnetite destruction from quartz carbonate and quartz sericite alteration and brecciation. I suggest that the most prospective targets might be the contact between the conductive anomalies and the magnetic lows, or in other words, where the carbonate breccia is in contact with the argillite.

The Metla Property is considered a “greenfield” exploration target. The project carries a high risk of failure or inconclusive results, but the potential rewards are also significant if a major discovery is made. The operator of the recommended field program, when that work is completed, may have to choose between abandoning the project or continued drilling, at modest cost to continue testing any apparent anomalies and mineralization that may be discovered in the first phases of exploration.

17. Recommendations

The Metla property lies in the middle of an identified continental arc metallogenic belt that hosts significant mineralization and includes the past producing Golden Bear Mine as well as the Thorn and Trapper prospects. Different styles of mineralization have been identified in this belt including both high and intermediate multi-element epithermal sulphidation deposits, porphyry copper-molybdenum and replacement skarn. The property is also underlain by the Stikine Assemblage and Stuhuni Group, which is part of an accreted volcanic arc that is host to numerous deposit types throughout northwestern B.C., including volcanogenic massive sulphide, porphyry copper-gold and epithermal deposits.

To date, the source of the significant mineralized boulder train has not been adequately tested. Immediately up ice of the boulder train is predominately ablation till with limited outcrop.

The following first phase of exploration is recommended for the Metla Property in 2019:

1. Interpretation and Maxwell Plate modeling of the acquired 2018 Airborne Variable Time Domain Electromagnetic (VTEM^{TM}) data.
2. 1:10,000 mapping of the property with a focus on alteration and structure.
3. More detailed 1:500 and 1:2,000 scale mapping of selected target areas and airborne geophysical anomalies.

Once phase 1 is completed a follow-up phase 2 program would be recommended based on results and available funding. The program would be as follows;

1. Drilling of identified geological and geophysical targets including Area D.
2. Continued property wide prospecting.

The proposed budget for Phase 1 and Phase 2 is shown in Table 4. Current logistics involve the following:

1. Completing the establishment of the camp in the meadow above Melta Creek.
2. Mobilizing equipment by plane to the airstrip located on the Sutlahine River 30 kilometres to the northwest and then helicopter to the Metla Creek Camp.
3. To reduce costs, groceries and personnel can possibly be mobilized by float plane to Trapper Lake and then helicopter to camp.

Table 4 - Proposed Budget

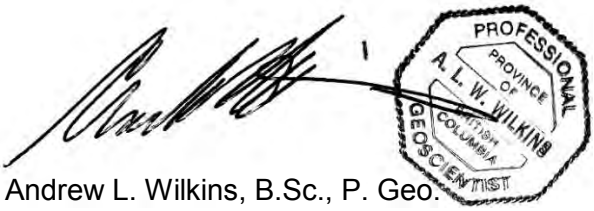
2018/19 Phase 1 – VTEM™ Interpretation and geological mapping						
	Complete Camp Setup					$ 15,000.00
	VTEM™ Interpretation					$ 20,000.00
	4 Man Geological Crew (geologist, assistant)	17	days	$ 3,000.00	per day	$ 51,000.00
	Helicopter Support (3 hours per day minimum)	17	days	$ 6,000.00	per day	$ 102,000.00
	Fixed Wing Support	8	days	$ 2,000.00	per day	$ 16,000.00
	Camp Costs (4 man geological crew, cook, pilot)	102	Man-days	$ 200.00	per man-day	$ 20,400.00
	Assays	100	samples	$ 45.00	per sample	$ 4,500.00
Total Phase 1 - Geophysics/Mapping						**$ 228,900.00**
2019/20 Phase 2 – Drilling						
	Drilling	1500	metres	$ 100.00	per metre	$ 150,000.00
	3 Man Geological Crew (geologist, assistant, core cutter)	25	days	$ 2,000.00	per day	$ 50,000.00
	Helicopter Support (3 hours per day minimum)	25	days	$ 6,000.00	per day	$ 150,000.00
	Fixed Wing Support	14	days	$ 2,000.00	per day	$ 28,000.00
	Camp Costs (4 man drill crew, 3 man geology crew, cook, pilot)	225	man-days	$ 200.00	per man-day	$ 45,000.00
	Assays	500	samples	$ 45.00	per sample	$ 22,500.00
Total Phase 2 - Drilling						**$ 445,500.00**
Total Phase 1 and Phase 2 Exploration Program						**$ 674,400.00**

18. Statement of Qualifications

I, **Andrew L. Wilkins, P.Geo, B.Sc.**, do hereby certify that I am the "Qualified Person and author" for this report. I further certify the following:

1. I am a principal of Lithos Geological Inc. with a business address of 8328 Ski Jump Rise, Whistler, British Columbia, Canada.
2. I am a graduate of the University of British Columbia, Vancouver, B.C. and hold a Bachelor of Science Degree majoring in Geology that I obtained in 1981.
3. I take responsibility for all sections of the Technical Report titled "Technical Report on the Metla Property, Atlin Mining Division, Northwestern British Columbia" with effective date October 20th, 2018.
4. I have practiced my profession as an exploration geologist for more than 37 years.
5. I am registered as a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia (# 121825).
6. I have read the definition of "Qualified Person" set out in National Instrument 43-101 ("NI 43-101") and hereby certify that by reason of my education, affiliation with professional associations and past and recent relevant work experience, I fulfill the requirements to be a "Qualified Person" as defined in the National Instrument 43-101.
7. I am independent of Stuhini Exploration Ltd.
8. I supervised and worked on the Metla Project in 2012 for Ocean Park Ventures Ltd.
9. I worked on and visited the property for 4 days in September, 2017.
10. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that Instrument and Form.
11. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading and to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

Dated this 20th day of October, 2018



Andrew L. Wilkins, B.Sc., P. Geo.

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Appendix A - 2017 Sample Descriptions

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
1892501	Lucia Theny& Ashlee Schmaltz	Outcrop	6474997	639589	Zone D	1-2% fine grained disseminated pyrite, trace chalcopyrite	Light green/grey/beige bedded dirty limestone with stratabound sulfides as fine grained laminations. Strongly reacts with HCL. Not scratch resistant. Non magnetic
1892502	Lucia Theny& Ashlee Schmaltz	Outcrop	6475024	639509	Zone D	Coarse euhedral-subhedral disseminated pyrite 40%	Non-descript brown gossan. Fresh surface has tarnished sulfides in host of light grey calcareous host rock. No primary structures visible. Weak patchy magnetism
1892503	Lucia Theny& Ashlee Schmaltz	Outcrop	6475024	639509	Zone D	0.2% disseminated fine grained pyrite	Light blue/green/grey limestone with moderate to strong brecciation. Breccia matrix is carbonate. Unit is strongly calcareous. Moderate patchy magnetism
1892504	Lucia Theny& Ashlee Schmaltz	Outcrop	6475024	639509	Zone D	~1% disseminate pyrite	Dark green/grey lapilli tuff with mm-cm sized rounded lapilli. Lapilli matrix is mostly dark grey and very fine grained. Sections react with HCL. Scratch resistance is variable. Non-magnetic. Soft sections are HCl reactive.

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
1892505	Lucia Theny& Ashlee Schmaltz	Outcrop	6475039	639505	Zone D	3-5% disseminated pyrite and magnetite.	Dark orange brown gossan on weathered surface. Medium grey/green on fresh surfaces. Primary textures obliterated by pervasive silicification. Mineralization as fine grained disseminated, strings and clots on fracture surfaces. Patchy strong magnetism, variably scratch resistant. Sections are reactive to HCl
1892506	Lucia Theny& Ashlee Schmaltz	Outcrop	6475036	639495	Zone D	15% disseminated sulfides. Pyrite>arsenopyrite>chalcopyrite	Andesite. Light green feldspar, hornblende phyric lithology in contact with bedded fine grained sediments. Breccia at contact made up dominantly of a sulfide matrix. Weak patchy magnetism. Andesite non-reactive to HCl but matrix is weakly reactive.
1892507	Lucia Theny& Ashlee Schmaltz	Outcrop	6475092	639463	Zone D	0.2% disseminate sulfides dominantly within breccia but also in wall rock.	Light green, weakly bleached feldspar phyric andesite with moderated strong calcareous crackle brecciation. Fine grained disseminated pyrite and trace chalcopyrite, mostly within breccia matrix. Weakly magnetic.

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
1892508	Lucia Theny& Ashlee Schmaltz	Outcrop	6473532	640019	Zone F	fine grained 2% pyrite, trace chalcopyrite	Medium green, fine grained, crystal tuff? Unit hosts 2% fine grained disseminated sulfides. Cross by mm sized carbonate veins which have grey/purple outer margin. Moderately magnetic. Pervasive carbonate alteration
1892515	Lucia Theny& Ashlee Schmaltz	Outcrop	6473892	640236	Ridge east of zone A, west of zone F	1% disseminated and fracture controlled pyrite	Medium dark green, fine to medium grained andesite. Primary textures are affected by moderate alteration. Unit host 1% disseminated magnetite. Pyrite as stringers, disseminations and along fractures. Mineralization appears to be fracture controlled carbonate> quartz mm size veins present.
1892516	Lucia Theny& Ashlee Schmaltz	Outcrop	6473873	640234	Ridge east of zone A, west of zone F	Disseminated/strings pyrite. ~1%. Malachite on fractures locally.	Clay altered shear. Andesite? Approximately 2m wide shear. Unit host fine grained disseminate pyrite. Gossanous hairline stringers. Trace hematite. Non-magnetic

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
1892517	Lucia Theny& Ashlee Schmaltz	Outcrop	6473783	640292	Ridge east of zone A, west of zone F	5-7% fine grained disseminated pyrite. Trace chalcopyrite	Hydrothermal breccia and pervasive silicification with local bright orange/red gossan. Breccia zone is 3-5m wide (maybe more?). Likely fault controlled. Clay alteration and quartz veining present. Trace silvery mineral present (galena?)
1892518	Lucia Theny& Ashlee Schmaltz	Outcrop	6473644	640320	Ridge east of zone A, west of zone F	2% fine grained disseminated pyrite.	Medium grey/white/yellow brecciated lithology. Breccia clasts mm-cm sub-rounded to subangular wall rock. Matrix of breccia is very fine grained rock flour. Clay/quartz. Strong mm wide quartz stockwork. Non calcareous.
1892519	Lucia Theny& Ashlee Schmaltz	Outcrop	6473623	640338	Ridge East of Zone A. West of zone F.	0.5% fine grained disseminated pyrite	Light grey/beige intensely altered? Primary textures completely obliterated. Bright/weak orange gossan. Manganese as dendrites on fracture surfaces. Unit is highly fractured. Non-magnetic.

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
1892520	Lucia Theny& Ashlee Schmaltz	Float	6469393	641499	Southern valley	Pyrite - dominantly along fractures. Trace replacing mafics	Medium grained grey, green, pink, weakly foliated granodiorite/diorite. 1-2% fine grained pyrite disseminated within mafics and along fractures. Weak patchy magnetism. Primary textures mostly preserved. Weak pervasive alteration overall.
1892521	Lucia Theny& Ashlee Schmaltz	Float	6469382	641493	Southern valley E-W	5-7% dominantly fracture controlled pyrite	Fine grained white/grey/green granodiorite/diorite. Strong pervasive fractures lined with pyrite - mm size fractures (4 fractures/cm). Primary textures partially obliterated by alteration and fracturing. Weak patchy magnetism. Trace Mn staining on fractures. Possible source is gully up towards 050
1892522	Lucia Theny& Ashlee Schmaltz	Float	6469435	641006	Southern valley E-W	Coarse pyrite within strong crackle breccia	Very fine grained dark brown/red bedded (mm-sub-cm size beds) phyllite. Strong carbonated crackle brecciation throughout. Euhedral calcite crystals present. Coarse >0.5m pyrite crystals present, >1% overall. Weak to moderate magnetism.

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
1892523	Lucia Theny& Ashlee Schmaltz	Outcrop	6473374	634375	Borge	>1% fine grained disseminated pyrite	Orange, white, brown weathered lithology. Trace relict igneous textures. Strong shear fabric. Minor mm size quartz veins. >1% disseminated fine grained pyrite. Strong magnetism
1892524	Lucia Theny& Ashlee Schmaltz	Float	6473394	634342	Borge	Fine grained disseminate pyrite - boxwork weathered fracture surfaces. Bright silvery very fine grained mineral.	Intensely altered granodiorite. Trace relict igneous textures mostly obscured by strong pervasive alteration. Silica, epidote, chlorite create a mottled texture. Pyrite occurs as fine grained disseminations to boxwork weathered surfaces. Strong patchy magnetism.
1892525	Lucia Theny& Ashlee Schmaltz	Outcrop	6473392	634338	Borge	2% disseminate fine grained pyrite	Light to medium green, medium grained intensely altered granodiorite? Primary igneous textures mostly obliterated. Bright orange weather out pyrite, mm scale and finely disseminated throughout ~2%. Feldspars mostly altered to sericite. Chlorite and Mn on fracture surfaces. Moderately patchy magnetism.

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
1892526	Lucia Theny& Ashlee Schmaltz	Outcrop	6473390	634327	Borge	1-2% fine grained disseminate pyrite	Light to dark green, fine to medium grained intensely altered granodiorite? Sample is pervasively QSP altered, alteration obscures primary textures. Minor mm size relict feldspars observable. Chlorite disseminated in groundmass. 1-2% disseminated fine grained pyrite.
1892527	Lucia Theny& Ashlee Schmaltz	Outcrop	6473379	634273	Borge	1-2% fine grained disseminate pyrite	Beige fine to medium grained quartz eye porphyry dyke with few percent fine grained disseminate pyrite. Quartz eyes range from mm to sub-cm.
1892528	Lucia Theny& Ashlee Schmaltz	Outcrop	6473379	634273	Borge	>1% fine grained disseminated pyrite	Dark to medium green, grey minor pink, medium grained granodiorite. Moderate to strong pervasive propylitic alteration. Mm clast of epidote in groundmass. Mafic altered to chlorite>magnetite. Weak fracturing and >1% fine grained disseminated pyrite.

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
1892529	Lucia Theny& Ashlee Schmaltz	Proximal Float	6473559	634784	Borge showing	Pyrite and chalcopyrite hosted within hydrothermal breccia. Malachite staining on weathered surface	Intensely altered granodiorite with hydrothermal breccia. Primary textures mostly obliterated. Patchy to mottled silica, epidote, sericite, chlorite alteration. >1% disseminated fine grained pyrite. Malachite on several fracture surfaces. Weak patchy magnetism. Beigey mineral partially replacing feldspars - kspar?
1892530	Lucia Theny& Ashlee Schmaltz	Proximal Float	6473559	634784	Borge showing	Pyrite and chalcopyrite hosted within a hydrothermal breccia. Malachite staining on weathered surface	Light to medium green, medium grained strongly altered granodiorite. Alteration mostly obscured primary textures. Patchy epidote, chlorite, and sericite throughout. Calcite veins throughout. Mm to sub-cm clots of pyrite>chalcopyrite present. ~1% malachite on several fracture surfaces. Local vuggy quartz veins with mm euhedral crystals
1892531	Lucia Theny& Ashlee Schmaltz	Outcrop	6470863	639819		Boxwork weathered out sulfides. Minor fine grained disseminated pyrite	Intensely altered, shear hosted granodiorite with intense pervasive clay to carbonate alteration that destroys primary textures. Minor boxwork weathering and rusty fractures.

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
1892532	Lucia Theny& Ashlee Schmaltz	Float	6471582	639290	West facing slope	Clotty to net textured fine grained pyrite>chalcopyrite. 3% sulfides	30cm angular boulder with strong silicification. Trace relict primary igneous textures. Moderately fractured. Mineralization occurs as disseminations, along fractures and with net like texture in pervasive quartz alteration. Sericite>chlorite>epidote occur in alteration assemblage.
1892533	Lucia Theny& Ashlee Schmaltz	Float	6473866	642410	South facing slope north of Metla creek	trace galena, chalcopyrite and pyrite	Medium green, medium grained, moderate to strongly altered andesite. Sample hosts moderate to strong crackle breccia - breccia matrix is made up of a medium grained grey calcite? With clotty pyrite>chalcopyrite>galena. Pervasive weak to moderate sericite, chlorite present within groundmass.
1892534	Lucia Theny& Ashlee Schmaltz	Float	6473999	642454	South facing slope north of Metla creek	2% fracture controlled pyrite and trace chalcopyrite	10cm angular boulder of highly gossanous strongly altered andesite. Primary textures partially obscured sericite and chlorite pervasive alteration. Manganese and boxwork weathering on fracture surfaces.

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
1892535	Lucia Theny& Ashlee Schmaltz	Float	6474215	642010	South facing slope north of Metla creek	2% fine to medium grained euhedral to anhedral pyrite>>chalcopyrite	Light to medium green, white, beige strongly altered andesite. Primary textures mostly obliterated by strong pervasive alteration. Groundmass altered to mottled sericite, quartz, chlorite and pyrite. Fine to medium pyrite>>chalcopyrite appears to be fracture to breccia controlled.
1892536	Lucia Theny& Ashlee Schmaltz	Outcrop	6473990	641499	Metla Creek	2% fine grained disseminated pyrite	Dirty, white to medium grey marble with ~2% fine grained disseminated pyrite. Sample appears to be weakly brecciated. Breccia matrix consists of silica +/- carbonate
1892537	Lucia Theny& Ashlee Schmaltz	Float	6473990	641499	Metla Creek	>1% fine grained disseminated pyrite	Dark grey, black bedded (mm size beds) graphitic phyllite. Sample comes from a 0.5m subrounded to angular boulder. Hosts >1% fine grained disseminated pyrite. Pervasive silicification makes the sample very scratch resistant. Moderate patchy magnetism.
1892538	Lucia Theny& Ashlee Schmaltz	Outcrop	6473956	641450	Metla Creek	~5% fine grained disseminated pyrite	Light grey, minor green, strongly altered dirty limestone. Strong pervasive silicification. ~5% fine grained euhedral to anhedral pyrite disseminations throughout.

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
1892539	Lucia Theny& Ashlee Schmaltz	Outcrop	6473966	641352	Metla Creek	Fine grained disseminated pyrite ~2%	Grey fine grained marble with few percent anhedral to subhedral pyrite disseminated throughout. Patches that are scratch resistant could be silicified. Weak patchy magnetism
1892540	Lucia Theny& Ashlee Schmaltz	Outcrop	6473929	641314	Metla Creek	0.25% fine grained disseminated pyrite	Vuggy quartz vein with mm size euhedral quartz crystals. Section of brecciation. Disseminated pyrite occurs mainly on vein margins. Minor wall rock clasts included in weak brecciated margin
1892541	Lucia Theny& Ashlee Schmaltz	Outcrop	6473929	641314	Metla Creek	2% fine grained disseminate pyrite	Light grey blue dirty limestone. Hosts several mm quartz veins and stockwork. Fine grained pyrite (few %) disseminated throughout. Patchy silicification.
1892542	Lucia Theny& Ashlee Schmaltz	Outcrop	6473929	641314	Metla Creek	trace disseminated pyrite	Grey green intensely bleached andesite? Alteration obscures primary textures. Ghosted feldspars ad few modal percent mafic present. Trace fine grained disseminated pyrite associated to mafic mostly. Weak pervasive sericite alteration.

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
1892543	Lucia Theny& Ashlee Schmaltz	Outcrop	6473949	641243	Metla Creek	3% disseminated pyrite	Light grey and turquoise, fine to medium grained intensely altered andesite? Mafic altered to mariposite? Igneous texture weakly preserved. Several mm quartz veinlets preset. Fine grained pyrite as disseminations and stringer. Minor calcitic grey/purple breccia present.
1892544	Lucia Theny& Ashlee Schmaltz	Outcrop	6474002	641137	Metla Creek	5% fine grained disseminated pyrite	Fine grained grey dirty marble and minor phyllite sample. Mineralization occurs as fine grained disseminations up to 5%. Both sampled lithologies are mineralized. Sample is dominantly marble.
1892545	Lucia Theny& Ashlee Schmaltz	Outcrop	6474850	639456	Zone C	Disseminated pyrite, chalcopyrite	Light green/grey intensely altered andesite. Alteration obliterates primary textures. Trace relict mafic observed. Bright orange brown ankerite gossan. Weak patchy magnetics
1892546	Lucia Theny& Ashlee Schmaltz	Outcrop	6474709	639688	Zone C	Disseminated and fracture controlled pyrite, chalcopyrite? Or fine grained hematite.	Light blue/grey/green medium grained marble, beige/orange/brown weathered surface. Fine grained disseminated sulfides and fracture controlled sulfides. Patchy magnetism

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
J953590	Clive Aspinall	Float	6473187	641067	Zone H.		Float Bldr. Sil, andesite +Py.
J953536	Clive Aspinall		6474834	639489	Zone C.	Massive sphalerite+pyrite	Massive sphalerite+pyrite
J953537	Clive Aspinall		6474828	639485	Zone C.	Massive sphalerite+pyrite	Massive sphalerite+pyrite
J953538	Clive Aspinall		6474827	639485	Zone C.	Massive sphalerite+pyrite	Massive sphalerite+pyrite
J953539	Clive Aspinall	Float	6474858	639556	West End Blder Train.		Blk rusty argil
J953540	Clive Aspinall	Float	6474864	639554	West End Blder Train.	Pyrite	Silicified rock w/fine Py
J953541	Clive Aspinall	Float	6474858	639553	West end blder train.	Massive Py	Massive Py
J953542	Clive Aspinall	Float	6474876	639574	West end blder Train.		Stratabound blder
J953543	Clive Aspinall	Outcrop	6474950	639590	Waterfall:		Bull Qtz Vns
J953544	Clive Aspinall		6475019	639483	Zone D.	Massive Py-Sphalerite& chalco. Tr. Spoils	Massive Py-Sphalerite& chalco trace spoils
J953545	Clive Aspinall		6475022	639483	Zone D.	Massive Py-Sphalerite& chalco. Tr. Spoils	Massive Py-Sphalerite& chalco trace spoils

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
J953546	Clive Aspinall		6475025	639470	Zone D.	Massive Py-Sphalerite& chalco. Tr. Spoils	Massive Py-Sphalerite& chalco trace spoils
J953547	Clive Aspinall	Float	6473660	640068	Zone G.	Pyrite	Qtz With Py Float
J953548	Clive Aspinall	Float	6473681	640081	Zone G.	Pyrite	Qtz With Py Float
J953549	Clive Aspinall	Float	6473722	640112	Zone G.	Pyrite	Granite With Py Float
J953550	Clive Aspinall	Float	6473700	640067	Zone G.	pyrite	Potassic Granite With Py Float
J953551	Clive Aspinall		6474288	639814	Zone G Environs.		Andesite o/c
J953570	Clive Aspinall		6470391	638127			
J953571	Clive Aspinall		6470390	638131			
J953572	Clive Aspinall	Float	6474462	638167			Qtz Rock Float
J953573	Clive Aspinall		6474463	638173		Pyrite	Qtz with Py
J953574	Clive Aspinall		6474465	638169		Pyrite	Diss Py
J953575	Clive Aspinall		6474466	638163			Epithemal Qtz
J953577	Clive Aspinall	Outcrop	6474830	637716			Qtz vn @ 120E/83S 5 cm thick

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
J953579	Clive Aspinall	Float	6474848	637685		Chalcopyrite	Chalco? Rusty
J953580	Clive Aspinall	Float	6474901	637683		Chalcopyrite and pyrite	Diss Chalco+ Py
J953581	Clive Aspinall	Float	6474910	637656		Chalcopyrite, malachite, pyrite	Sil Alt, Bio, granite, Chalco mal, py
J953582	Clive Aspinall	Float	6474898	637625		Chalcopyrite, malachite	Epidote Kaolinized Rock, chalco, mal
J953584	Clive Aspinall	Float	6474859	637451			Sulphides, Xlline qtx-epidote
J953585	Clive Aspinall	Outcrop	6474888	637609		Pyrite	o/c Breccia. Argillite. Diss Py
J953586	Clive Aspinall	Outcrop	6473715	640968		Disseminated pyrite	o/c Breccia. Lmst+argillite. Diss Py.
J953587	Clive Aspinall	Float	6473651	641021		Fuchsite	Float Bldr. Sli. Lmst+Fuchite.
J953588	Clive Aspinall	Float	6473469	641041		Pyrite, bornite	Float Bldr. Py+Bornite?
J953589	Clive Aspinall	Float	6473187	641066		Pyrite	Float Bldr. Sil Rock+Py.
J953591	Clive Aspinall	Float	6473188	641066		Pyrite	Float Bldr. Sil, andesite +Py.
J953592	Clive Aspinall	Float	6473155	641074		Pyrite	Float Bldr. Sil, andesite +Py.
J953593	Clive Aspinall	Float	6473135	641074		Pyrite	Float Bldr> Chloritized Qtz+Py

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
J953594	Clive Aspinall	Float	6473115	641074		Pyrite	Float Bldr> Chloritized Qtz+Py
J953595	Clive Aspinall	Float	6473898	640418		Trace pyrite	Float. Epithermal Qtz. Trace Py.
J953596	Clive Aspinall	Float	6473899	640418		Disseminated pyrite	Float. Sil. Rock. Diss Py.
J953597	Clive Aspinall	Outcrop	6473900	640418		Disseminated pyrite	o/c. Black laminated Argillite. Tr. Diss Py
J953598	Clive Aspinall	Outcrop	6473982	640555		Disseminated pyrite	o/c. Black laminated shale. Py+calcite
J953599	Clive Aspinall	Float	6473983	640556			Float Very Rusty Black /shale.
J953600	Clive Aspinall	OUtcrop	6474016	640604		Disseminated pyrite	o/c Lmsts. Rusty. Diss Fine Py
J953601	Clive Aspinall	Outcrop	6474039	640602		Disseminated pyrite	o/c Lmsts. Rusty. Diss Fine Py
J953602	Clive Aspinall	Outcrop	6474042	640593			chip sample o/c over 45 cm. Rusty
J953603	Clive Aspinall	Outcrop	6474040	640592			chip sample o/c over 75 cm. Rusty
J953576	Clive Aspinall	Float	6474467	638163		Ankerite	Epithermal quartz, with some ankerite?
J953583	Clive Aspinall	Float	6474892	637588		Disseminated chalcopyrite	Float: Argillic. Diss Chalco in qtz
J953607	Clive Aspinall	Outcrop	6473958	640663	Zone F.		Argillite Breccia

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
J953608	Clive Aspinall	Outcrop	6473968	640658	Zone F.		Argillite Breccia
J953609	Clive Aspinall	Float	6473849	640523	Zone F.		Quartz Breccia
J953610	Clive Aspinall	Float	6473851	640520	Zone F.		Rusty float
J953611	Clive Aspinall	Float	6473956	640536	Zone F.		Green stone w/pyrite
J953612	Clive Aspinall	Outcrop	6473970	640666	Zone F	Pyrite - pods	Black argillite
J953613	Clive Aspinall	Outcrop	6473883	640643	Zone F		Outcrop Carbonated Breccia,
J953614	Clive Aspinall	Outcrop	6473852	640682	Zone F	Pyrite - diss	Outcrop Black Argillite, Breccia, disseminated pyrite
J953615	Clive Aspinall	Outcrop	6473859	640687	Zone F	Pyrite - diss	Outcrop Black Argillite Breccia with disseminated pyrite
J953616	Clive Aspinall	Outcrop	6473880	640686	Zone F	Pyrite	Outcrop Carbonated Breccia, pyrite.
J953617	Clive Aspinall	Float	6473881	640686	Zone F		Breccia
J953618	Clive Aspinall	Float	6473955	640522	Zone F		Quartz
J953619	Clive Aspinall	Float	6473484	641659	Zone H		Silicified float, grey
J953620	Clive Aspinall	Float	6473483	641636	Zone H	Pyrite	Silicified float, with pyrite
J953621	Clive Aspinall	Float	6473483	641639	Zone H	Pyrite	Breccia, grey/white w/ pyrite

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
J953622	Clive Aspinall	Float	6473545	641533	Zone H	Chalcopyrite	Granite with chalcopyrite?
J953623	Clive Aspinall	Float	6473545	641533	Zone H		Green rock w/sulphides
J953627	Clive Aspinall	Outcrop	6473422	641545	Zone H		outcrop Quartz w / sulphides
J953628	Clive Aspinall	Outcrop	6473433	641658	Zone H	Pyrite	outcrop Rusty Carb.rock w/py
J953629	Clive Aspinall	Float	6473442	641646	Zone H		Carbonate rock w/sulphides
J953630	Clive Aspinall	Outcrop	6473497	641699	Zone H		Qtz, Carbonated
1892547	Andrew Wilkins	Outcrop	6473789	641655		Pyrite	quartz+carbonate+pyrite veining and alteration in volcanics close to contact with argillites; pod 4m x 1m and crosscutting veins to 10cm; veins are banded with chalcedony
1892548	Andrew Wilkins	Outcrop	6473832	641539		Pyrite	medium orange gossanous bedded tuff with fuchsite alteration and disseminated pyrite; spotty alteration in fractures sub-parallel to bedding
1892549	Andrew Wilkins	Outcrop	6473970	641199		Pyrite	gossanous pyritic boulder bright orange gossan 30% disseminated subhedral pyrite QSP alteration

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
1892550	Andrew Wilkins	Outcrop	6473112	640505		Pyrite, galena, chalcopyrite	quartz carbonate breccia with disseminated pyrite+galena+chalcopyrite
1892551	Andrew Wilkins	Outcrop	6473090	642483		Malchite	malachite staining on fracture surface; in hybrid zone close to contact with quartz diorite above; epidotized tuffaceous horizon within brecciated argillite; white rounded feldspathic fragments within dark grey sulphide bearing matrix
1892552	Andrew Wilkins	Outcrop	6473065	640449			quartz carbonate hydrothermal breccia vein 1.5 m wide; weak buff orange gossan within quartz diorite; continuation of last sample
1892553	Andrew Wilkins	Outcrop	6472840	640292			sub crop; continuation of breccia vein
1892554	Andrew Wilkins	Outcrop	6473225	640612		Chalcopyrite, pyrite, malachite staining	just below contact with quartz diorite; strong foliation shear fabric in andesite volcanics; 10 cm wide quartz+ carbonate + blebs of chalcopyrite and pyrite; heavy malachite staining; 10 % sulphide
1892555	Andrew Wilkins	Outcrop	6473293	640550		Pyrite	o/c 3m wide quartz carbonate pyrite hydrothermal breccia vein ; continuation of above vein

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
1892556	Andrew Wilkins	Float	6473355	640524		Chalcopyrite, pyrite	malachite stained; silicified quartz carbonate alteration blebs of chalcopyrite disseminated pyrite
1892557	Andrew Wilkins	Float	6473445	640424		Pyrite	light otange gossan ; quartz carbonate pyrite boulder with grey euhedral quartz and clots of chalcopyrite
1892558	Andrew Wilkins	Outcrop	6473497	640345		Pyrite	o/c bleached gossanous quartz carbonate hydrothermal breccia traceable 100+ metres 20% disseminated pyrite
1892559	Andrew Wilkins	Outcrop	6474033	640171			small o/c of medium orange gossanous iron carbonate quartz hydrothermal breccia; small argillaceous fragments
1892560	Andrew Wilkins	Float	6474061	640160		Pyrite, chalcopyrite	30 to 40 cm boulder; massive grey white quartz vein with zones of massive pyrite minor chalcopyrite
1892561	Andrew Wilkins	Outcrop	6474165	640053			1 metre wide QSP zone within volcanic package; zone probably follows bedding
1892562	Andrew Wilkins	Outcrop	6473469	641044		Pyrite, galena	20 to 40 cm wide quartz + minor carbonate + pyrite + minor galena breccia vein; host is green andesitic volcanics however black argillite fragments are in the breccia

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
1892563	Andrew Wilkins	Outcrop	6473722	640905		pyrite	o/c 50 cm x 300 cm massive sulphide pod in impure limestone; rounded fragments in mostly quartz + pyrite matrix; up to 50% pyrite; small but splashy showing
1892564	Andrew Wilkins	Outcrop	6473897	640716		Pyrite	gossanous o/c with massive fine grained pyrite up to 50% hosted in a mix package of argillite impure limestone and andesite; alteration trends up the hill at 220
1892565	Andrew Wilkins	Outcrop	6474179	641163		Pyrite	QSP zone with both fine grained and coarse grained pyrite; deep orange gossan; traceable for 50 metres 2 metres wide; up to 20% pyrite; host is heterolithic breccia with argillites and volcanics in o/c above; heterolithic breccia = lahar?
1892566	Andrew Wilkins	Outcrop	6474036	640598		Pyrite	similar to 1892565 but more siliceous and with only 10% pyrite
1892567	Andrew Wilkins	Outcrop	6474489	640232		Pyrite, chalcopyrite, sphalerite	Banded massive sulphide that appears to follow bedding replacement or VMS, occurs at contact with heterolithic breccia and bedded siltstone argillite above; mostly pyrite minor chalcopyrite and sphalerite; zone E evidence of blasting.

Sample Number	Sampler	Type	Northing (m)	Easting (m)	Location Description	Mineralization	Description
1892568	Andrew Wilkins	Float	6474604	640093		Pyrite, chalcopyrite, sphalerite	large massive sulphide boulder; 2 m x 3m in size; bedded sulphides in argillite; replacement or VMS style of mineralization; same boulder as 1892569
1892569	Andrew Wilkins	Float	6474604	640093		Pyrite, arsenopyrite, galena, sphalerite	large massive sulphide boulder; 2m x 3m in size; bedded sulphides in argillite; replacement or VMS style of mineralization; quartz +sulphide including galena sphalerite arsenopyrite and pyrite; same boulder as 1892568

Appendix B - Certificate of Analysis

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: **Zinex Mining Corp.**
Box 997
Whistler British Columbia V0N 1B0 Canada

Submitted By: Janet Miller
Receiving Lab: Canada-Whitehorse
Received: August 14, 2017
Report Date: September 10, 2017
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI17000584.1

CLIENT JOB INFORMATION

Project: Metla
Shipment ID:
P.O. Number
Number of Samples: 105

SAMPLE DISPOSAL

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

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	105	Crush, split and pulverize 250 g rock to 200 mesh			WHI
AQ252_EXT	105	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN
SHP01	105	Per sample shipping charges for branch shipments			VAN
MA370	17	4-Acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Zinex Mining Corp.
Box 997
Whistler British Columbia V0N 1B0
Canada

CC: Barry Hanslit
Caoimhe Peat

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: **Zinex Mining Corp.**
Box 997
Whistler British Columbia V0N 1B0 Canada

Project: Metla
Report Date: September 10, 2017

CERTIFICATE OF ANALYSIS WHI17000584.1

	Method	WGHT	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	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	2	0.01
1892501	Rock	0.84	0.92	44.57	14.94	17.1	212	35.7	11.9	1612	4.40	108.5	0.2	<0.2	0.3	533.1	0.25	1.55	0.11	84	18.15
1892502	Rock	0.78	3.391	637.10	28.48	64.6	34886	26.4	19.2	371	28.48	2749.3	0.2	8305.5	<0.1	23.5	0.92	1.30	1.32	48	1.37
1892503	Rock	1.03	0.94	20.77	4.99	19.3	215	9.9	8.7	1400	3.13	53.0	<0.1	3.6	0.1	348.8	0.13	4.20	0.03	47	26.79
1892504	Rock	1.14	2.39	42.08	3.63	18.2	253	25.6	17.2	1138	3.54	41.7	0.2	0.6	0.3	196.4	0.13	3.07	0.03	124	12.83
1892505	Rock	0.95	2.901	022.70	961.88	305.8	15413	22.2	13.5	738	17.63	111.2	<0.1	33.4	<0.1	28.6	7.51	3.91	0.26	23	2.21
1892506	Rock	1.89	4.671	047.97	>10000	>10000	50912	52.1	13.3	813	28.47	>10000	0.2	2998.3	0.2	18.8	280.34	189.89	2.22	122	0.96
1892507	Rock	0.87	0.22	35.44	33.06	39.7	204	60.0	20.0	1301	5.27	102.0	<0.1	8.7	0.2	181.8	0.77	1.08	<0.02	163	14.27
1892508	Rock	1.76	2.74	22.32	12.96	46.2	343	46.3	23.3	3350	5.06	15.8	0.6	146.5	1.3	540.6	0.25	0.55	0.31	85	11.49
1892515	Rock	1.81	19.96	49.15	7.44	56.9	313	5.3	17.8	932	4.03	20.4	2.2	2.0	4.4	161.7	0.05	0.49	0.18	46	2.26
1892516	Rock	1.51	3.13	41.57	3.47	24.6	335	4.0	11.9	1599	3.60	15.7	0.7	1.4	1.7	222.5	0.08	0.32	0.39	46	6.29
1892517	Rock	1.04	229.60	146.96	22.69	34.0	1232	5.1	7.7	153	2.29	38.6	0.3	13.3	0.6	10.8	0.66	6.99	5.13	4	0.24
1892518	Rock	1.43	>2000	77.42	137.30	59.4	28949	8.4	5.5	101	1.80	18.3	0.3	14.4	0.9	34.0	7.45	3.64	39.22	14	0.32
1892519	Rock	1.33	147.08	40.04	21.55	82.4	1813	26.0	16.8	1530	5.36	28.6	0.4	7.5	0.5	673.7	0.69	0.70	3.79	49	7.83
1892520	Rock	1.61	79.89	53.20	16.64	109.6	828	7.5	16.9	911	4.58	2.7	0.9	7.4	1.8	68.0	0.24	0.57	4.67	115	1.01
1892521	Rock	1.02	9.76	102.00	46.10	108.5	2659	6.0	156.5	1043	10.38	11.0	0.7	27.0	1.3	33.9	0.44	2.23	9.89	72	0.74
1892522	Rock	1.42	2.36	14.71	16.09	133.9	139	8.4	15.9	2788	5.63	2.2	0.6	1.4	0.6	207.5	0.64	2.97	0.61	104	9.64
1892523	Rock	1.50	1.62	88.89	8.58	117.7	75	2.1	17.8	639	5.53	2.0	1.6	2.0	4.0	20.7	0.24	4.37	0.08	64	0.48
1892524	Rock	1.59	2.99	43.96	110.46	271.7	734	1.4	14.3	>10000	4.10	26.7	0.3	20.0	0.5	368.1	2.14	3.00	0.18	33	7.98
1892525	Rock	2.12	12.03	63.16	56.18	127.7	2260	1.3	16.9	>10000	3.44	108.2	0.3	31.1	0.7	203.4	0.72	2.20	0.32	29	5.22
1892526	Rock	1.17	7.36	16.42	51.83	68.6	2354	5.0	18.7	>10000	3.32	103.6	0.4	56.9	1.2	156.3	0.16	1.80	0.30	37	2.25
1892527	Rock	1.59	4.75	5.58	17.32	21.3	112	0.4	0.5	338	0.63	3.6	2.7	2.3	9.1	60.2	0.19	0.24	0.29	<2	0.73
1892528	Rock	1.38	0.79	77.38	4.98	72.3	274	2.0	12.1	1044	2.99	1.8	0.6	1.8	1.9	216.6	0.11	0.90	0.04	55	2.02
1892529	Rock	1.29	21.984	547.62	10.40	52.4	14159	1.4	14.8	997	2.48	3.3	0.9	166.0	2.0	134.0	0.66	0.63	0.65	25	2.14
1892530	Rock	1.67	5.21	>10000	24.92	109.7	28063	1.3	12.4	1016	3.42	3.3	0.5	95.3	1.0	131.6	2.43	0.53	0.43	20	3.02

BUREAU VERITAS MINERAL LABORATORIES Canada

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Client: **Zinex Mining Corp.**
Box 997
Whistler British Columbia V0N 1B0 Canada

Project: Metla
Report Date: September 10, 2017

CERTIFICATE OF ANALYSIS WHI17000584.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1892501	Rock	0.009	6.3	18.5	2.71	11.1	0.030	<1	0.99	0.003	<0.01	<0.1	7.7	0.21	1.93	9	8.0	0.11	2.5	0.33	<0.1
1892502	Rock	0.010	<0.5	6.8	0.88	4.8	0.003	<1	0.85	0.002	0.01	<0.1	2.3	0.05	>10	41	3.0	20.41	1.9	0.24	0.3
1892503	Rock	0.052	7.1	33.6	3.90	8.1	0.003	<1	1.18	0.003	<0.01	<0.1	3.9	0.09	1.83	<5	1.8	0.09	2.0	0.17	<0.1
1892504	Rock	0.054	4.2	29.8	4.73	10.8	0.009	2	3.26	0.002	0.02	0.1	9.6	0.08	1.02	14	1.2	0.05	5.3	1.61	<0.1
1892505	Rock	0.031	0.6	5.5	0.72	5.3	0.002	<1	0.76	0.004	0.03	<0.1	2.1	0.08	>10	17	1.3	0.41	1.6	0.85	0.1
1892506	Rock	0.047	0.9	223.5	2.38	2.9	0.007	<1	3.14	<0.001	<0.01	1.3	13.5	0.09	>10	364	2.3	1.11	8.0	1.47	1.1
1892507	Rock	0.056	3.4	215.8	5.54	8.4	0.005	2	3.23	0.011	0.02	<0.1	20.6	<0.02	0.08	<5	0.2	0.02	5.5	2.10	0.2
1892508	Rock	0.165	11.3	87.2	3.66	87.7	0.006	<1	2.91	0.004	0.34	<0.1	9.0	0.11	1.27	7	0.4	0.97	6.0	2.42	<0.1
1892515	Rock	0.148	13.9	2.8	1.19	350.2	0.002	2	1.77	0.020	0.28	0.2	3.4	0.11	0.42	<5	0.4	0.02	5.2	3.08	0.1
1892516	Rock	0.131	12.3	2.7	1.03	162.7	0.003	2	1.24	0.005	0.34	0.2	3.5	0.11	0.59	<5	<0.1	0.13	2.8	1.77	<0.1
1892517	Rock	0.077	8.2	1.5	0.07	42.8	<0.001	<1	0.46	<0.001	0.17	0.1	1.0	0.46	1.68	<5	0.6	1.17	0.7	1.92	<0.1
1892518	Rock	0.050	6.7	4.5	0.09	87.0	<0.001	<1	0.61	0.001	0.19	0.3	0.9	8.06	1.82	54	2.8	13.44	0.8	1.46	<0.1
1892519	Rock	0.195	25.0	67.0	2.41	54.1	0.004	<1	0.70	0.002	0.04	<0.1	5.2	0.30	3.19	5	1.5	1.66	1.3	0.16	0.1
1892520	Rock	0.183	12.6	6.3	1.53	91.2	0.098	2	1.70	0.077	0.52	0.2	6.8	0.70	2.03	<5	0.4	0.97	8.6	9.79	0.2
1892521	Rock	0.130	9.4	3.5	0.94	24.6	0.019	<1	1.48	0.054	0.28	0.2	5.6	0.33	7.65	<5	1.5	3.91	6.6	6.80	<0.1
1892522	Rock	0.075	10.4	2.4	3.28	69.7	0.011	<1	0.79	0.002	0.09	6.0	6.4	0.07	0.10	36	0.3	0.11	2.0	2.15	<0.1
1892523	Rock	0.173	18.2	1.1	0.64	265.6	0.008	<1	2.11	0.002	0.13	18.5	3.7	0.05	<0.02	<5	<0.1	0.02	7.8	2.57	<0.1
1892524	Rock	0.071	5.3	<0.5	0.88	39.0	0.051	1	1.53	0.003	0.09	6.3	3.3	0.04	0.12	11	<0.1	0.20	5.6	0.77	0.2
1892525	Rock	0.092	5.9	0.8	0.74	96.1	0.072	2	1.65	0.005	0.25	2.4	3.1	0.13	1.28	12	0.2	0.17	4.9	0.94	0.1
1892526	Rock	0.149	9.1	5.3	1.01	84.0	0.086	2	1.82	0.006	0.28	2.3	2.6	0.17	1.34	10	<0.1	0.49	5.6	1.58	<0.1
1892527	Rock	0.003	39.9	1.0	0.02	51.7	0.003	<1	0.26	0.071	0.18	0.1	0.8	0.07	0.33	<5	<0.1	0.04	0.8	1.05	<0.1
1892528	Rock	0.170	15.0	1.0	1.10	332.1	0.008	2	1.74	0.053	0.15	<0.1	3.2	0.06	0.09	8	<0.1	0.05	7.4	2.78	<0.1
1892529	Rock	0.093	9.2	1.3	0.64	133.5	0.006	1	1.21	0.043	0.31	0.4	1.3	0.13	0.24	12	0.3	2.30	4.7	2.17	<0.1
1892530	Rock	0.076	7.2	0.7	0.38	78.5	0.008	2	1.28	0.005	0.46	0.3	2.1	0.17	1.33	11	1.2	1.32	4.2	1.48	<0.1

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Client: **Zinex Mining Corp.**
Box 997
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Project: Metla
Report Date: September 10, 2017

CERTIFICATE OF ANALYSIS WHI17000584.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	MA370	MA370	MA370	MA370	MA370	MA370
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	W
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	gm/t	%
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.001	0.001	0.02	0.01	2	0.01
1892501	Rock	0.02	0.02	0.3	4.8	<0.05	0.6	16.42	10.1	0.05	9	<0.1	9.6	<10	<2						
1892502	Rock	0.05	0.05	0.5	0.5	<0.05	2.1	2.84	0.4	0.91	5	<0.1	10.2	<10	<2						
1892503	Rock	<0.02	0.03	<0.1	0.2	<0.05	0.4	10.05	11.8	<0.02	2	<0.1	19.2	<10	<2						
1892504	Rock	0.04	<0.02	0.8	0.3	<0.05	0.7	7.79	7.5	0.05	5	0.5	59.5	<10	<2						
1892505	Rock	<0.02	<0.02	0.7	0.4	<0.05	0.8	1.95	1.2	0.11	1	<0.1	8.9	<10	<2						
1892506	Rock	<0.02	0.07	0.3	0.6	<0.05	0.5	2.94	2.0	2.18	3	0.1	50.9	*	4	<0.001	0.109	1.11	1.34	49	<0.01
1892507	Rock	0.03	<0.02	1.0	0.2	<0.05	0.5	8.94	6.1	0.06	<1	<0.1	32.8	<10	3						
1892508	Rock	0.03	0.02	11.4	0.3	<0.05	1.3	13.53	21.9	0.05	<1	0.8	23.9	<10	<2						
1892515	Rock	<0.02	<0.02	10.2	0.2	<0.05	0.3	11.27	29.8	<0.02	1	0.8	19.8	<10	<2						
1892516	Rock	<0.02	<0.02	9.9	0.2	<0.05	0.2	18.96	25.0	0.03	1	0.9	11.3	<10	<2						
1892517	Rock	<0.02	<0.02	8.8	<0.1	<0.05	0.2	6.38	16.4	<0.02	7	0.2	8.9	<10	<2						
1892518	Rock	<0.02	<0.02	8.7	0.1	<0.05	0.4	3.60	12.7	<0.02	124	0.1	27.7	*	<2	0.410	0.007	<0.02	<0.01	27	<0.01
1892519	Rock	0.03	0.02	1.8	0.1	<0.05	1.0	15.21	45.4	0.02	3	0.3	7.9	<10	<2						
1892520	Rock	0.07	0.06	35.3	3.0	<0.05	0.9	15.30	26.5	0.06	2	0.9	29.5	<10	2						
1892521	Rock	0.03	0.03	21.5	0.6	<0.05	0.6	12.03	18.7	0.09	<1	0.4	25.2	<10	<2						
1892522	Rock	0.02	<0.02	7.4	0.4	<0.05	0.5	18.46	19.6	0.03	1	0.6	6.6	<10	<2						
1892523	Rock	0.03	<0.02	6.9	0.3	<0.05	0.8	13.09	36.9	0.03	1	1.9	28.8	<10	<2						
1892524	Rock	0.03	0.05	4.0	0.1	<0.05	0.9	10.89	9.6	<0.02	2	2.6	14.7	11	<2						
1892525	Rock	0.04	0.07	9.7	0.2	<0.05	1.0	9.53	10.3	0.02	<1	1.7	12.4	<10	<2						
1892526	Rock	0.06	0.05	14.1	0.2	<0.05	1.1	6.91	17.4	<0.02	<1	1.2	18.2	<10	<2						
1892527	Rock	0.47	0.15	6.2	0.4	<0.05	13.6	7.75	65.6	<0.02	<1	0.2	2.7	<10	<2						
1892528	Rock	0.02	<0.02	7.0	0.2	<0.05	0.6	10.90	29.8	<0.02	<1	0.3	22.3	<10	<2						
1892529	Rock	0.03	0.02	13.5	0.2	<0.05	0.6	10.21	18.1	0.05	1	0.6	16.7	<10	<2						
1892530	Rock	0.02	0.05	19.5	0.3	<0.05	0.4	8.13	15.3	0.16	<1	0.6	12.1	<10	<2	<0.001	1.478	<0.02	0.01	27	<0.01

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	Method	WGHT	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	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	2	0.01
1892531	Rock	1.70	0.55	97.67	11.64	67.5	170	3.4	11.1	1330	3.12	2.2	1.7	1.8	2.2	215.5	0.15	2.08	0.09	75	4.34
1892532	Rock	2.08	11.52	>10000	12.51	6.1	16697	5.5	91.1	55	8.74	41.3	<0.1	398.9	0.1	10.7	0.12	1.18	4.13	7	0.05
1892533	Rock	1.02	0.82	83.28	2.01	23.4	71	6.1	13.2	2681	4.23	2.1	0.7	5.4	2.9	260.3	0.06	0.50	0.03	43	11.74
1892534	Rock	1.19	0.40	532.52	2.75	32.2	472	18.2	40.2	522	5.55	0.4	0.3	1.0	0.5	22.6	0.04	0.14	0.08	155	1.89
1892535	Rock	1.19	3.85	888.82	1.72	18.8	979	4.9	35.3	2211	6.58	2.5	0.2	385.3	0.5	320.8	0.07	0.38	0.18	36	10.78
1892536	Rock	1.08	3.22	20.44	2.93	10.1	86	13.1	7.5	1744	3.44	28.3	<0.1	3.7	<0.1	271.0	0.07	0.88	0.04	64	13.53
1892537	Rock	1.67	16.94	50.77	11.22	13.3	383	23.4	9.5	243	2.78	55.4	0.2	0.5	0.6	29.6	0.09	4.37	0.11	83	1.14
1892538	Rock	1.28	9.70	7.45	1.89	71.3	170	31.0	6.0	2748	5.20	267.7	<0.1	58.9	0.3	383.4	0.50	0.83	<0.02	248	18.26
1892539	Rock	1.13	6.51	124.12	2.92	27.1	159	37.7	35.0	1129	7.46	487.6	<0.1	3.1	0.2	46.1	0.17	37.51	0.07	170	6.79
1892540	Rock	1.33	355.42	9.36	6.07	4.1	6891	16.2	1.7	149	0.48	20.3	<0.1	407.1	<0.1	13.2	0.47	3.73	<0.02	36	0.82
1892541	Rock	3.32	9.45	11.67	1.43	11.6	437	34.6	11.6	1282	3.65	159.2	<0.1	36.4	0.1	86.5	0.08	0.99	0.02	63	10.57
1892542	Rock	1.39	3.16	111.32	1.28	23.5	746	68.5	19.3	376	2.30	317.0	0.1	12.5	0.2	45.1	0.11	4.98	<0.02	31	3.49
1892543	Rock	1.66	1.36	22.33	0.34	8.9	25	122.9	49.3	621	4.08	392.6	<0.1	3.6	1.7	92.6	0.02	2.04	<0.02	124	7.05
1892544	Rock	1.30	3.13	37.73	3.06	21.4	119	19.3	25.6	1468	11.75	134.7	<0.1	0.2	0.1	187.1	0.10	1.14	0.09	101	13.06
1892545	Rock	2.22	0.17	11.06	0.64	9.7	16	16.3	14.5	1580	3.45	13.4	<0.1	0.5	<0.1	65.9	0.02	0.95	<0.02	76	17.34
1892546	Rock	0.87	0.70	402.06	5.55	33.3	2287	57.4	21.6	2026	4.00	59.6	0.2	19.5	<0.1	100.0	0.54	6.00	0.03	8	21.19
J953536	Rock	1.16	5.60	1564.60	4888.88	>10000	51064	15.3	5.1	3146	25.17	3998.6	<0.1	3118.3	<0.1	25.1	1994.87	20.74	0.98	20	3.77
J953537	Rock	0.84	4.48	1259.61	9545.53	>10000	>100000	15.3	2.5	3121	26.02	3592.2	<0.1	2917.7	<0.1	20.7	1496.64	61.33	1.03	12	3.63
J953538	Rock	0.57	4.21	1704.35	1839.56	>10000	36694	7.2	2.0	2989	25.18	3632.3	<0.1	3217.7	<0.1	22.4	>2000	62.87	0.33	15	2.90
J953539	Rock	0.46	8.66	16.21	24.21	329.5	391	34.7	5.9	130	1.81	74.8	0.5	<0.2	0.4	16.7	5.75	4.82	0.07	60	1.17
J953540	Rock	0.27	4.96	52.70	15.47	292.1	871	25.0	14.3	295	12.28	85.8	0.3	<0.2	0.2	15.5	4.94	1.76	0.26	115	0.67
J953541	Rock	0.42	0.90	156.66	19.69	25.0	1130	34.1	9.8	292	29.58	587.6	<0.1	8.1	0.2	21.0	0.24	12.13	0.08	70	1.83
J953542	Rock	0.26	5.26	5.75	2.37	48.9	81	22.0	13.3	1101	3.61	8.5	0.4	7.0	0.3	36.3	0.43	1.07	0.06	125	5.78
J953543	Rock	0.86	226.51	134.53	22.83	49.2	4948	35.6	13.4	392	2.91	128.3	<0.1	50.7	<0.1	28.4	0.59	3.44	1.35	52	2.03
J953544	Rock	1.36	5.97	1549.77	6913.36	>10000	40593	23.7	17.4	799	26.30	>10000	<0.1	697.5	<0.1	16.8	921.16	41.63	1.27	97	1.62
J953545	Rock	0.94	3.46	948.02	5561.49	>10000	33338	50.3	22.1	1507	20.89	5444.8	0.1	1561.5	0.2	38.5	844.15	17.19	1.62	106	2.95
J953546	Rock	0.57	4.20	615.69	128.05	951.5	10879	34.4	13.7	406	21.90	>10000	0.2	17241.6	<0.1	5.4	24.93	144.76	2.85	126	0.12
J953547	Rock	0.54	128.70	744.31	106.04	481.4	4304	2.7	249.0	305	4.92	113.1	<0.1	1517.5	<0.1	37.9	12.39	1.33	18.86	5	1.05
J953548	Rock	0.37	6.76	>10000	18.05	36.9	60258	4.2	563.5	398	17.78	1104.4	0.2	6253.7	0.1	44.0	0.89	3.00	30.38	9	1.23
J953549	Rock	0.65	41.81	53.93	12.21	91.3	934	3.6	11.6	642	4.23	287.2	2.5	237.5	6.7	12.0	0.48	2.14	0.28	46	0.28

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Project: Metla
Report Date: September 10, 2017

CERTIFICATE OF ANALYSIS WHI17000584.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1892531	Rock	0.122	15.0	3.9	0.51	73.1	0.010	<1	0.63	0.046	0.10	1.5	4.6	0.03	<0.02	<5	<0.1	0.05	2.2	1.17	<0.1
1892532	Rock	0.006	<0.5	1.3	0.09	20.9	0.001	<1	0.14	0.003	0.03	0.4	0.2	<0.02	5.70	74	4.4	10.09	0.8	0.16	<0.1
1892533	Rock	0.074	6.1	1.2	1.66	405.4	0.037	1	1.74	0.016	0.17	0.2	3.7	0.03	0.03	<5	<0.1	0.02	5.2	1.24	<0.1
1892534	Rock	0.096	3.6	5.2	1.34	22.2	0.215	2	2.51	0.099	0.09	0.1	7.9	0.16	1.99	<5	3.2	0.05	6.8	0.97	0.2
1892535	Rock	0.031	5.6	1.0	1.28	46.8	0.008	<1	1.35	0.005	0.07	<0.1	2.9	<0.02	4.69	<5	0.6	1.12	3.3	0.36	0.1
1892536	Rock	0.033	1.8	4.0	3.92	12.8	0.001	<1	1.05	0.002	<0.01	0.1	4.5	0.03	3.31	16	0.5	0.03	2.9	0.29	<0.1
1892537	Rock	0.131	4.5	7.7	0.71	32.5	0.002	2	0.78	0.006	0.20	0.5	2.7	0.42	2.52	148	1.0	0.17	1.7	1.15	<0.1
1892538	Rock	0.025	5.2	5.6	2.35	5.1	0.003	<1	1.06	0.001	<0.01	<0.1	16.0	<0.02	3.59	141	0.7	0.05	2.3	0.17	0.1
1892539	Rock	0.047	1.8	15.6	1.74	4.0	0.003	<1	1.64	0.004	0.02	0.2	17.5	0.12	6.18	431	1.1	0.03	3.5	0.27	<0.1
1892540	Rock	0.004	1.0	3.3	0.36	4.1	<0.001	<1	0.15	0.001	0.06	0.1	1.0	1.68	0.13	19	0.2	0.03	0.8	0.59	<0.1
1892541	Rock	0.040	4.1	56.0	4.06	9.9	<0.001	<1	0.42	0.003	0.18	0.2	13.8	0.17	1.06	29	0.4	0.03	0.9	2.13	<0.1
1892542	Rock	0.087	3.1	39.0	1.33	20.5	<0.001	2	0.52	0.003	0.32	0.3	20.1	0.29	1.34	97	0.2	0.03	1.1	5.50	<0.1
1892543	Rock	0.174	7.6	213.8	2.91	28.2	0.002	2	2.24	0.005	0.37	0.2	21.6	0.31	2.36	<5	1.8	0.19	4.3	10.05	<0.1
1892544	Rock	0.022	5.6	4.3	2.39	5.0	0.001	<1	1.34	0.003	0.03	<0.1	13.6	0.07	>10	27	0.8	0.05	2.5	0.45	<0.1
1892545	Rock	0.018	1.5	12.7	4.69	11.9	0.002	2	2.75	0.006	0.05	<0.1	7.4	0.04	0.21	<5	<0.1	0.02	4.6	1.01	<0.1
1892546	Rock	0.003	2.2	<0.5	7.61	5.6	<0.001	<1	0.07	0.012	<0.01	<0.1	0.5	<0.02	0.48	81	<0.1	0.06	0.4	0.02	<0.1
J953536	Rock	0.003	0.8	1.0	1.61	1.4	<0.001	<1	0.08	0.002	<0.01	<0.1	1.1	0.12	>10	26375	4.1	0.04	2.5	0.22	0.2
J953537	Rock	0.003	<0.5	0.7	1.76	<0.5	<0.001	<1	0.05	0.001	<0.01	<0.1	0.7	0.14	>10	19307	3.6	0.05	1.8	0.18	0.2
J953538	Rock	0.006	0.7	0.5	1.01	1.5	0.001	<1	0.07	<0.001	0.01	<0.1	0.9	0.09	>10	44663	6.0	0.03	3.7	0.39	0.2
J953539	Rock	0.136	1.5	6.3	0.39	53.3	0.048	6	0.46	0.004	0.18	0.5	0.8	0.20	1.39	121	0.2	<0.02	1.2	0.67	<0.1
J953540	Rock	0.037	0.6	6.2	0.45	14.0	0.030	2	0.51	0.032	0.02	0.3	2.7	0.14	>10	212	1.1	0.06	1.9	0.42	0.1
J953541	Rock	0.012	0.7	37.2	1.48	4.0	0.009	<1	1.06	0.002	0.02	0.2	8.7	<0.02	>10	439	2.6	0.05	1.8	0.22	0.2
J953542	Rock	0.073	2.3	16.7	3.40	12.6	0.019	4	3.33	0.008	0.10	<0.1	11.2	0.05	0.89	22	0.3	0.04	6.2	2.00	<0.1
J953543	Rock	0.015	1.7	51.9	0.91	8.5	<0.001	<1	0.70	<0.001	0.09	0.2	3.1	0.72	2.20	22	3.2	2.20	3.2	0.94	<0.1
J953544	Rock	0.014	2.2	17.5	1.00	0.8	0.003	<1	1.13	0.001	<0.01	<0.1	6.5	0.04	>10	574	2.3	0.62	3.7	0.20	0.6
J953545	Rock	0.022	1.1	25.6	2.68	6.3	0.005	<1	2.49	0.003	0.04	<0.1	9.4	0.08	>10	639	1.9	0.22	7.8	2.35	0.2
J953546	Rock	0.012	<0.5	11.8	0.78	7.5	0.003	3	1.02	0.002	0.03	<0.1	5.7	0.24	>10	16	1.5	2.68	3.6	2.57	0.3
J953547	Rock	0.005	0.5	1.6	0.18	19.0	<0.001	<1	0.24	0.003	0.05	0.2	0.6	0.45	5.29	2196	0.5	27.12	0.7	0.24	<0.1
J953548	Rock	0.009	0.6	1.1	0.26	6.2	0.001	<1	0.34	0.002	0.08	0.1	0.7	0.25	>10	2011	2.1	78.04	1.0	0.32	<0.1
J953549	Rock	0.150	14.7	3.8	1.11	91.0	0.003	<1	1.41	0.032	0.11	0.2	2.2	0.06	1.44	9	0.7	0.73	7.8	0.73	<0.1

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CERTIFICATE OF ANALYSIS WHI17000584.1

		Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	MA370	MA370	MA370	MA370	MA370	MA370
		Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	W
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	gm/t	%
		MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.001	0.001	0.02	0.01	2	0.01
1892531	Rock		0.04	0.03	3.9	0.5	<0.05	1.2	17.30	29.9	0.03	<1	0.7	6.0	<10	<2						
1892532	Rock		<0.02	0.02	1.3	0.2	<0.05	<0.1	0.47	0.7	0.12	1	0.2	1.5	<10	<2	0.001	2.330	<0.02	<0.01	14	<0.01
1892533	Rock		0.04	0.02	5.5	0.2	<0.05	0.4	13.75	13.9	0.06	<1	0.5	15.4	<10	<2						
1892534	Rock		0.24	0.04	2.9	0.2	<0.05	7.1	9.16	7.9	0.02	<1	0.2	14.7	17	6						
1892535	Rock		<0.02	0.03	1.8	<0.1	<0.05	0.4	13.67	13.0	0.07	<1	0.1	8.2	<10	<2						
1892536	Rock		0.02	<0.02	0.4	0.2	<0.05	1.2	6.62	4.7	<0.02	3	0.2	21.0	<10	<2						
1892537	Rock		0.08	<0.02	7.7	0.2	<0.05	2.5	4.34	10.6	0.04	36	0.2	13.4	<10	<2						
1892538	Rock		0.05	0.03	0.1	0.3	<0.05	0.9	21.43	12.1	0.02	9	0.2	15.9	<10	<2						
1892539	Rock		0.02	<0.02	1.2	0.3	<0.05	0.9	7.04	3.9	0.03	6	0.1	20.5	<10	<2						
1892540	Rock		<0.02	<0.02	3.9	0.1	<0.05	<0.1	1.02	2.2	<0.02	<1	0.2	1.9	<10	<2						
1892541	Rock		<0.02	<0.02	9.9	<0.1	<0.05	0.2	8.31	8.8	0.03	<1	0.4	14.6	<10	<2						
1892542	Rock		<0.02	<0.02	16.0	<0.1	<0.05	0.3	7.96	7.8	0.03	2	0.4	1.6	15	3						
1892543	Rock		0.02	<0.02	20.8	0.4	<0.05	0.4	7.51	14.7	0.04	3	0.3	27.8	<10	<2						
1892544	Rock		<0.02	0.02	1.3	0.2	<0.05	0.4	16.87	13.8	0.05	4	0.2	25.3	<10	<2						
1892545	Rock		<0.02	<0.02	1.3	0.1	<0.05	<0.1	9.00	3.4	0.02	1	0.1	70.7	<10	<2						
1892546	Rock		<0.02	<0.02	<0.1	<0.1	<0.05	0.2	4.05	4.1	0.05	1	0.1	1.2	<10	<2						
J953536	Rock		<0.02	0.04	0.5	3.5	<0.05	0.4	2.77	1.6	1.30	<1	<0.1	2.5	*	<2	<0.001	0.168	0.52	13.40	50	<0.01
J953537	Rock		<0.02	0.04	0.4	3.5	<0.05	0.2	2.01	1.2	1.18	<1	<0.1	2.0	*	<2	<0.001	0.132	1.75	9.92	114	<0.01
J953538	Rock		<0.02	0.04	1.1	5.7	<0.05	0.4	2.14	1.5	3.15	<1	<0.1	2.1	*	<2	<0.001	0.176	0.18	20.03	36	<0.01
J953539	Rock		0.13	0.15	5.3	0.6	<0.05	5.8	2.86	3.9	<0.02	4	<0.1	6.8	<10	<2						
J953540	Rock		0.07	0.17	1.9	0.4	<0.05	3.4	1.83	1.5	<0.02	3	<0.1	16.4	<10	<2						
J953541	Rock		0.03	0.11	0.4	1.1	<0.05	0.8	1.72	1.5	0.04	<1	<0.1	15.8	<10	2						
J953542	Rock		0.12	0.15	2.2	0.2	<0.05	12.2	7.08	6.0	<0.02	12	<0.1	61.4	<10	3						
J953543	Rock		<0.02	<0.02	5.6	0.3	<0.05	0.1	2.43	3.5	<0.02	3	0.3	12.9	<10	<2						
J953544	Rock		0.02	0.05	0.3	0.6	<0.05	1.0	1.61	3.7	36.93	2	<0.1	21.0	*	<2	<0.001	0.163	0.70	3.77	40	<0.01
J953545	Rock		0.09	0.07	1.9	0.5	<0.05	3.6	3.56	2.3	6.80	<1	0.1	50.3	<10	<2	<0.001	0.102	0.58	3.67	35	<0.01
J953546	Rock		0.09	0.11	1.6	0.3	<0.05	2.5	1.05	0.7	0.82	<1	<0.1	16.8	<10	<2						
J953547	Rock		<0.02	<0.02	1.8	0.1	<0.05	<0.1	1.17	1.1	0.14	24	<0.1	2.6	<10	<2						
J953548	Rock		<0.02	0.03	2.2	0.2	<0.05	0.2	1.33	1.3	0.14	2	<0.1	2.8	<10	<2	<0.001	1.823	<0.02	<0.01	62	<0.01
J953549	Rock		0.05	<0.02	5.5	0.2	<0.05	1.3	7.76	30.8	<0.02	<1	0.4	18.7	<10	<2						

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	Method	WGHT	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	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	2	0.01
J953550	Rock	0.55	2.07	281.59	9.32	83.8	952	3.5	14.8	1111	4.54	34.6	3.2	8.5	10.6	88.1	0.20	0.55	0.15	109	1.45
J953570	Rock	0.24	6.82	22.56	5.98	5.5	114	0.8	3.5	31	0.57	5.7	1.6	11.2	8.0	3.4	0.08	0.24	0.55	<2	0.03
J953571	Rock	0.261	391.11	51.70	46.82	3.0	1037	0.8	1.3	39	7.30	2.4	7.7	4.3	9.8	4.3	1.93	0.17	36.56	3	0.06
J953572	Rock	0.60	0.69	8.88	22.92	27.8	153	4.7	7.7	1458	1.53	18.3	0.3	67.8	0.7	628.9	0.50	0.35	0.24	23	9.86
J953573	Rock	1.03	21.54	67.82	3.06	9.0	267	1.4	10.3	183	1.90	3.9	0.5	8.1	1.3	21.8	0.07	0.19	2.44	36	0.35
J953574	Rock	0.38	8.91	9.99	1.88	12.3	31	3.2	12.5	319	2.96	6.2	1.2	1.8	2.4	64.3	0.02	0.12	0.37	65	1.55
J953575	Rock	1.08	0.47	69.38	0.94	10.9	156	0.7	2.1	132	0.78	1.9	0.7	2.2	1.9	46.6	0.02	0.13	0.06	11	0.34
J953576	Rock	2.25	59.70	18.81	9.45	34.3	553	2.6	4.4	587	1.04	8.6	0.4	28.2	0.2	23.3	0.37	1.43	0.10	12	1.84
J953577	Rock	2.53	7.359	908.75	26.39	485.2	20747	3.3	19.2	233	2.58	15.7	0.3	12.0	0.2	9.0	2.73	0.72	0.74	13	0.07
J953579	Rock	0.70	0.86	251.04	19.15	174.3	607	3.2	20.3	4204	4.76	22.3	0.2	2.8	0.2	131.0	1.67	0.66	0.06	27	8.91
J953580	Rock	1.39	66.19	>10000	68.09	99.7	32277	1.6	11.3	172	5.29	6.3	0.3	139.1	0.4	18.9	0.24	1.36	0.50	7	0.25
J953581	Rock	1.27	11.414	610.42	1541.59	884.9	10498	5.4	22.5	1980	4.76	11.7	0.6	112.2	0.5	105.1	2.99	1.25	0.36	19	2.26
J953582	Rock	0.98	0.622	120.60	11.88	43.2	3944	0.8	5.6	537	1.40	2.3	0.7	10.8	1.3	88.2	0.17	0.47	0.07	24	0.85
J953583	Rock	0.51	1.811	226.77	44.23	71.8	976	2.1	10.3	647	2.21	3.7	0.5	4.8	1.2	48.8	0.10	0.45	0.09	23	0.75
J953584	Rock	0.31	0.26	65.36	19.08	3736.1	237	2.8	12.7	1460	1.37	1.5	0.2	0.3	0.5	232.1	64.99	0.64	0.19	15	3.50
J953585	Rock	0.42	2.02	27.68	1.89	7.3	49	68.1	21.0	978	3.75	177.0	0.1	<0.2	0.1	141.7	0.10	1.61	0.04	90	11.89
J953586	Rock	0.36	4.09	197.76	3.57	45.0	3627	12.7	6.6	1564	2.49	43.6	0.4	0.6	0.2	80.7	0.88	76.76	0.03	116	14.63
J953587	Rock	0.31	0.25	2.49	0.41	4.9	27	107.1	14.4	658	2.57	10.8	<0.1	<0.2	0.1	150.2	0.05	0.56	<0.02	100	7.72
J953588	Rock	0.17	13.241	668.39	4.00	21.7	4688	4.3	26.6	1272	4.59	11.3	0.3	720.1	1.1	336.7	0.22	1.79	0.22	31	6.58

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	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
J953550	Rock	0.191	25.1	2.4	1.09	151.9	0.009	3	1.81	0.043	0.15	0.1	5.2	0.08	0.62	<5	<0.1	0.17	8.9	1.72	<0.1
J953570	Rock	0.004	11.0	1.1	0.02	20.1	<0.001	<1	0.27	0.002	0.20	0.4	0.2	0.10	0.37	<5	<0.1	0.04	0.8	2.83	<0.1
J953571	Rock	0.005	7.1	0.9	0.01	13.8	<0.001	<1	0.27	0.019	0.19	1.2	0.3	0.10	8.19	5	3.3	0.42	0.8	0.92	<0.1
J953572	Rock	0.095	16.4	3.1	0.50	230.0	0.001	<1	0.68	0.002	0.21	0.2	2.5	0.06	0.36	<5	0.2	0.11	2.2	1.86	<0.1
J953573	Rock	0.046	2.5	2.0	0.34	105.5	0.044	<1	0.35	0.011	0.07	59.2	2.3	<0.02	1.17	<5	0.5	1.30	2.2	0.06	<0.1
J953574	Rock	0.107	10.0	8.7	0.75	77.2	0.130	<1	1.03	0.076	0.12	5.8	5.3	0.02	1.91	<5	0.3	0.05	5.2	0.74	0.1
J953575	Rock	0.077	11.9	1.1	0.07	1298.6	<0.001	<1	0.35	0.001	0.27	0.5	0.7	0.06	0.09	<5	<0.1	0.05	0.9	2.68	<0.1
J953576	Rock	0.027	2.7	1.7	0.04	132.6	0.001	1	0.22	0.002	0.14	0.2	1.0	0.22	<0.02	32	<0.1	<0.02	0.9	0.90	<0.1
J953577	Rock	0.009	1.6	1.6	0.23	28.5	0.002	1	0.35	0.003	0.03	7.2	0.7	0.03	0.92	116	7.7	2.69	1.5	0.18	<0.1
J953579	Rock	0.020	6.5	<0.5	0.81	165.1	0.015	<1	0.95	<0.001	<0.01	8.2	1.0	<0.02	0.02	18	0.2	0.06	4.1	0.09	0.3
J953580	Rock	0.034	2.5	1.3	0.11	21.2	0.018	<1	0.44	0.002	0.19	0.4	0.4	0.04	3.97	9	1.8	0.70	1.5	0.63	<0.1
J953581	Rock	0.045	4.9	0.6	0.88	53.5	0.041	2	1.36	<0.001	0.05	1.3	1.3	<0.02	1.81	8	7.4	1.75	4.4	0.29	0.1
J953582	Rock	0.093	6.3	1.1	0.47	79.0	0.054	<1	0.87	0.038	0.10	0.5	1.2	0.04	0.06	<5	<0.1	0.06	4.4	0.30	<0.1
J953583	Rock	0.156	8.0	1.0	0.86	121.9	0.043	<1	1.56	0.004	0.32	0.2	1.5	0.05	0.11	<5	<0.1	0.04	4.1	1.95	<0.1
J953584	Rock	0.042	4.5	0.9	0.49	2542.4	0.010	<1	0.93	0.002	0.10	0.2	1.0	0.03	0.06	87	0.2	0.04	3.6	0.64	<0.1
J953585	Rock	0.027	2.4	8.3	3.73	33.5	0.001	<1	1.76	0.006	0.05	<0.1	5.1	0.05	1.94	66	0.7	0.07	3.0	1.36	<0.1
J953586	Rock	0.046	2.2	4.1	6.61	20.1	0.001	2	0.30	0.015	0.04	0.2	1.6	0.09	1.25	104	0.5	<0.02	0.9	0.07	<0.1
J953587	Rock	0.038	2.0	304.2	3.54	60.3	0.001	3	3.00	0.007	0.22	<0.1	15.7	0.08	0.11	14	<0.1	<0.02	5.3	6.12	<0.1
J953588	Rock	0.079	5.0	5.2	1.52	58.3	0.002	2	1.38	0.004	0.25	0.2	2.6	0.05	3.44	8	0.6	2.61	3.3	1.75	<0.1

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	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	MA370	MA370	MA370	MA370	MA370	MA370
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	W
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	gm/t	%
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.001	0.001	0.02	0.01	2	0.01
J953550	Rock	0.04	<0.02	8.4	0.6	<0.05	0.7	19.63	53.1	0.05	<1	0.8	26.3	<10	<2						
J953570	Rock	0.04	0.06	13.3	0.2	<0.05	1.2	1.56	18.2	<0.02	<1	0.3	0.9	<10	<2						
J953571	Rock	<0.02	0.20	13.9	0.6	<0.05	0.9	1.67	11.5	<0.02	12	0.2	1.4	*	<2						
J953572	Rock	<0.02	<0.02	9.4	0.4	<0.05	0.3	16.68	31.3	<0.02	<1	0.4	5.8	<10	<2						
J953573	Rock	0.06	0.13	2.2	0.3	<0.05	0.9	3.65	5.6	<0.02	9	<0.1	3.1	<10	<2						
J953574	Rock	0.61	0.35	4.0	0.6	<0.05	12.8	8.46	21.0	<0.02	<1	0.5	6.8	<10	<2						
J953575	Rock	<0.02	<0.02	8.7	0.1	<0.05	0.2	2.86	23.3	<0.02	<1	0.7	1.2	<10	<2						
J953576	Rock	<0.02	<0.02	4.6	0.1	<0.05	0.1	3.26	5.5	<0.02	<1	0.5	1.1	<10	<2						
J953577	Rock	<0.02	<0.02	1.6	0.2	<0.05	<0.1	1.33	3.5	0.05	<1	0.2	4.8	<10	<2						
J953579	Rock	<0.02	0.04	0.3	<0.1	<0.05	0.3	15.60	14.1	0.05	<1	1.1	6.6	<10	<2						
J953580	Rock	0.02	0.11	5.7	0.1	<0.05	0.5	1.84	4.6	0.06	<1	0.3	2.6	<10	<2	0.006	1.448	<0.02	0.01	33	<0.01
J953581	Rock	0.04	0.09	2.3	0.1	<0.05	0.9	6.69	10.3	0.03	<1	0.6	14.2	<10	<2						
J953582	Rock	0.05	0.10	4.7	0.2	<0.05	0.9	5.16	11.7	<0.02	<1	<0.1	6.7	<10	<2						
J953583	Rock	0.04	0.05	10.3	0.2	<0.05	0.8	5.10	15.8	<0.02	<1	0.6	18.1	<10	<2						
J953584	Rock	0.04	0.03	3.7	0.1	<0.05	0.3	5.84	8.5	0.02	<1	0.2	12.5	<10	<2						
J953585	Rock	<0.02	<0.02	2.3	0.1	<0.05	0.8	8.41	5.6	0.03	3	0.3	31.0	<10	<2						
J953586	Rock	0.07	<0.02	0.7	0.1	<0.05	2.2	6.90	5.1	0.03	4	0.2	5.8	<10	<2						
J953587	Rock	<0.02	<0.02	7.7	0.1	<0.05	0.2	6.16	4.6	0.03	<1	0.4	65.0	<10	<2						
J953588	Rock	<0.02	<0.02	6.0	0.2	<0.05	0.3	7.89	9.9	0.07	2	0.6	14.7	<10	<2						

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	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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	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	2	0.01
J953589	Rock	0.22	0.34	87.40	3.36	12.7	491	5.3	31.6	2170	7.10	3.1	0.1	149.5	0.2	570.7	0.10	0.32	0.19	25	14.81
J953590	Rock	0.19	0.27	12.56	2.56	41.5	33	4.9	21.4	2378	3.81	6.0	0.2	6.4	0.6	677.2	0.16	0.46	0.05	43	15.48
J953591	Rock	2.39	5.47	59.01	5.46	35.4	1631	2.7	16.2	1361	2.88	3.3	0.3	662.2	1.0	440.6	0.09	0.19	0.08	29	5.68
J953592	Rock	0.34	8.51	31.98	9.26	48.8	815	16.0	33.5	2623	6.31	4.8	0.2	195.0	0.1	444.9	0.14	0.41	0.17	47	13.36
J953593	Rock	2.60	0.15	73.28	0.69	3.5	160	1.1	2.6	886	0.76	1.0	<0.1	2.1	0.4	238.7	0.07	0.13	<0.02	12	7.89
J953594	Rock	4.11	63.93	33.38	30.95	14.1	7325	1.7	3.7	409	1.37	17.3	0.7	1796.7	0.8	147.4	0.16	0.62	2.20	16	2.12
J953595	Rock	0.35	68.21	5.61	7.66	3.8	464	1.4	1.8	174	0.70	9.3	0.3	15.7	0.8	9.1	0.17	0.62	1.83	<2	0.12
J953596	Rock	0.41	708.81	6.44	28.27	7.4	4641	3.0	7.6	230	2.65	90.3	0.2	139.7	0.5	63.5	1.03	1.63	3.76	8	0.84
J953597	Rock	0.61	15.72	17.66	9.17	12.2	108	17.8	4.9	182	2.22	21.5	0.4	<0.2	0.4	30.4	0.10	7.11	0.06	77	1.17
J953598	Rock	0.76	12.39	14.76	12.83	11.4	1034	24.7	6.7	193	6.54	52.3	<0.1	<0.2	0.2	57.6	0.07	1.74	0.08	39	1.43
J953599	Rock	0.62	5.57	7.14	10.02	2.9	374	9.6	3.1	29	1.07	17.4	0.2	<0.2	0.4	14.3	0.03	1.06	0.03	32	0.32
J953600	Rock	0.45	31.07	337.00	8.67	31.3	1809	32.1	43.8	1467	3.72	293.4	0.2	21.1	0.2	222.2	0.29	4.96	0.08	129	8.94
J953601	Rock	1.32	6.70	59.56	7.07	37.0	822	26.0	19.9	1196	5.37	46.9	0.1	0.5	0.2	75.9	0.09	3.09	0.05	201	6.26
J953602	Rock	0.25	11.13	699.73	28.68	39.0	12897	68.7	11.4	331	9.94	899.8	0.4	76.3	0.3	21.4	0.21	35.60	0.03	343	1.02
J953603	Rock	0.39	14.32	100.16	16.63	27.5	1940	55.1	68.8	407	6.67	265.9	0.6	32.1	0.4	25.4	0.07	29.94	0.04	317	1.33

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	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
J953589	Rock	0.033	7.3	0.5	1.02	47.4	0.003	<1	0.87	0.003	0.12	0.2	3.0	<0.02	5.66	33	0.4	1.48	2.0	0.65	<0.1
J953590	Rock	0.073	7.0	1.9	1.52	1313.1	0.003	1	1.45	0.004	0.19	0.3	2.9	0.03	0.12	<5	<0.1	0.07	3.9	1.11	<0.1
J953591	Rock	0.079	5.8	1.4	1.04	127.7	0.002	1	1.08	0.015	0.19	<0.1	2.6	0.03	1.02	<5	<0.1	1.35	3.0	1.76	<0.1
J953592	Rock	0.032	6.9	1.5	1.64	56.1	0.004	<1	1.68	0.002	0.07	0.1	3.1	0.05	3.40	6	0.2	1.02	5.8	1.14	0.1
J953593	Rock	0.001	9.0	1.2	0.39	43.4	<0.001	<1	0.40	0.004	0.07	<0.1	1.0	<0.02	0.08	<5	<0.1	<0.02	0.7	0.31	<0.1
J953594	Rock	0.025	3.6	1.2	0.29	92.9	<0.001	1	0.51	0.002	0.19	<0.1	0.8	0.12	0.98	<5	0.3	4.07	1.8	1.03	<0.1
J953595	Rock	0.017	2.3	1.1	0.03	58.0	<0.001	<1	0.14	<0.001	0.05	<0.1	0.3	0.13	0.18	<5	<0.1	0.47	0.2	0.64	<0.1
J953596	Rock	0.084	5.5	1.8	0.14	79.4	0.004	<1	0.30	0.006	0.24	0.1	1.0	0.68	2.14	<5	1.5	3.25	0.7	0.34	<0.1
J953597	Rock	0.101	3.2	5.0	1.49	96.5	0.002	6	1.14	0.005	0.52	0.4	4.1	0.95	1.69	22	0.6	<0.02	2.5	6.07	<0.1
J953598	Rock	0.052	1.8	3.0	1.07	17.1	0.002	2	0.74	0.002	0.12	0.1	1.6	0.17	6.56	43	0.7	1.14	2.1	0.25	<0.1
J953599	Rock	0.106	1.4	3.5	0.16	34.8	0.021	1	0.40	0.003	0.22	0.4	0.8	0.14	0.98	13	0.3	0.06	1.2	1.49	<0.1
J953600	Rock	0.049	1.4	6.0	1.91	4.1	0.002	<1	1.15	<0.001	<0.01	0.1	4.4	0.09	3.09	259	0.3	0.09	3.2	0.09	0.2
J953601	Rock	0.069	2.5	40.3	3.15	13.5	0.002	1	3.13	0.009	0.06	0.2	32.0	0.08	2.71	3078	0.7	0.02	7.3	1.23	0.1
J953602	Rock	0.068	1.5	35.3	0.86	7.2	0.005	1	1.15	0.006	0.06	0.3	13.3	0.18	8.78	399	3.8	0.06	3.5	0.65	0.2
J953603	Rock	0.099	1.2	18.8	1.05	6.8	0.004	1	1.16	0.004	0.03	0.3	12.4	0.11	5.85	481	1.0	0.10	3.2	0.61	0.1

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Project: Metla
Report Date: September 10, 2017

CERTIFICATE OF ANALYSIS WHI17000584.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	MA370	MA370	MA370	MA370	MA370	MA370
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	W
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	gm/t	%
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.001	0.001	0.02	0.01	2	0.01
J953589	Rock	<0.02	<0.02	3.2	0.1	<0.05	0.1	16.26	14.2	0.09	<1	0.3	7.4	<10	<2						
J953590	Rock	<0.02	<0.02	4.7	0.2	<0.05	0.2	10.15	13.4	0.04	<1	0.5	14.1	<10	<2						
J953591	Rock	<0.02	<0.02	5.3	0.2	<0.05	0.2	10.02	12.4	0.04	2	0.3	7.3	<10	<2						
J953592	Rock	<0.02	0.03	1.9	<0.1	<0.05	0.1	13.76	14.9	0.08	1	0.4	15.9	<10	<2						
J953593	Rock	<0.02	<0.02	1.6	0.1	<0.05	<0.1	9.25	22.1	<0.02	<1	<0.1	4.8	<10	<2						
J953594	Rock	<0.02	<0.02	7.5	0.2	<0.05	0.2	3.90	7.1	<0.02	19	0.3	7.4	<10	<2						
J953595	Rock	<0.02	<0.02	2.5	0.1	<0.05	0.2	1.50	4.9	<0.02	<1	<0.1	8.6	<10	<2						
J953596	Rock	<0.02	<0.02	7.0	0.2	<0.05	0.3	5.68	11.8	<0.02	16	<0.1	4.9	*	<2						
J953597	Rock	0.07	<0.02	19.4	0.3	<0.05	2.1	7.17	8.0	<0.02	6	0.4	28.5	<10	2						
J953598	Rock	0.02	0.02	3.4	0.3	<0.05	1.0	1.82	4.0	<0.02	<1	0.2	16.8	<10	<2						
J953599	Rock	0.05	0.14	7.9	0.3	<0.05	1.7	2.67	4.1	<0.02	3	0.2	3.9	<10	<2						
J953600	Rock	0.02	0.02	0.2	0.4	<0.05	0.7	5.10	3.1	0.03	11	<0.1	17.1	<10	<2						
J953601	Rock	0.05	0.03	2.5	0.5	<0.05	1.0	7.26	5.5	0.02	6	<0.1	106.1	<10	<2						
J953602	Rock	0.04	0.05	2.6	0.8	<0.05	2.1	2.98	2.9	0.18	8	<0.1	31.9	<10	<2						
J953603	Rock	0.07	0.03	1.3	0.8	<0.05	3.2	3.27	2.5	0.04	7	<0.1	32.5	<10	<2						

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Project: Metla
Report Date: September 10, 2017

QUALITY CONTROL REPORT WHI17000584.1

	Method	WGHT	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	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	2	0.01
Pulp Duplicates																					
1892516	Rock	1.51	3.13	41.57	3.47	24.6	335	4.0	11.9	1599	3.60	15.7	0.7	1.4	1.7	222.5	0.08	0.32	0.39	46	6.29
REP 1892516	QC		3.00	41.51	3.49	25.7	317	3.9	11.6	1599	3.59	15.1	0.7	1.4	1.8	226.2	0.05	0.36	0.36	46	6.19
REP 1892519	QC		146.94	42.06	20.44	79.1	1749	24.0	16.6	1495	5.22	27.5	0.4	8.0	0.4	640.0	0.64	0.66	3.74	48	7.65
J953536	Rock	1.16	5.601	564.6	0488.88	>10000	51064	15.3	5.1	3146	25.17	3998.6	<0.1	3118.3	<0.1	25.11	994.87	20.74	0.98	20	3.77
REP J953536	QC																				
J953543	Rock	0.86	226.51	134.53	22.83	49.2	4948	35.6	13.4	392	2.91	128.3	<0.1	50.7	<0.1	28.4	0.59	3.44	1.35	52	2.03
REP J953543	QC		226.55	134.34	22.44	52.3	4917	35.8	13.3	393	2.94	129.0	<0.1	50.5	<0.1	28.6	0.56	3.33	1.34	53	2.03
J953580	Rock	1.39	66.19	>10000	68.09	99.7	32277	1.6	11.3	172	5.29	6.3	0.3	139.1	0.4	18.9	0.24	1.36	0.50	7	0.25
REP J953580	QC		66.81	>10000	68.05	96.3	32061	1.5	11.1	167	5.30	6.5	0.3	147.1	0.4	18.4	0.27	1.35	0.51	6	0.24
J953600	Rock	0.45	31.07	337.00	8.67	31.3	1809	32.1	43.8	1467	3.72	293.4	0.2	21.1	0.2	222.2	0.29	4.96	0.08	129	8.94
REP J953600	QC		30.81	331.04	8.92	30.6	1780	31.2	43.7	1474	3.73	292.4	0.2	22.2	0.2	226.8	0.30	4.93	0.08	129	8.91
Core Reject Duplicates																					
1892519	Rock	1.33	147.08	40.04	21.55	82.4	1813	26.0	16.8	1530	5.36	28.6	0.4	7.5	0.5	673.7	0.69	0.70	3.79	49	7.83
DUP 1892519	QC		150.39	43.33	21.98	76.8	1827	26.2	17.0	1533	5.32	28.8	0.3	8.4	0.5	661.0	0.70	0.72	3.87	49	7.84
J953542	Rock	0.26	5.26	5.75	2.37	48.9	81	22.0	13.3	1101	3.61	8.5	0.4	7.0	0.3	36.3	0.43	1.07	0.06	125	5.78
DUP J953542	QC		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.
J953585	Rock	0.42	2.02	27.68	1.89	7.3	49	68.1	21.0	978	3.75	177.0	0.1	<0.2	0.1	141.7	0.10	1.61	0.04	90	11.89
DUP J953585	QC		1.95	29.64	1.80	7.0	61	71.7	22.0	1060	3.90	187.5	0.2	<0.2	0.2	155.2	0.12	1.93	0.05	92	12.80
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD DS11	Standard		15.39	158.37	154.87	364.3	1846	78.2	15.0	1059	3.28	44.3	3.1	77.1	8.9	70.1	2.61	8.83	14.15	50	1.07
STD DS11	Standard		14.54	154.89	142.84	350.2	1782	81.0	14.5	1048	3.20	42.7	2.7	69.0	8.1	71.1	2.40	8.59	12.68	48	1.05
STD DS11	Standard		14.13	144.45	138.75	336.8	1657	76.9	13.5	1027	3.13	43.1	2.7	61.1	8.4	72.1	2.36	8.58	12.49	48	1.06

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Project: Metla
Report Date: September 10, 2017

QUALITY CONTROL REPORT WHI17000584.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
Pulp Duplicates																					
1892516	Rock	0.131	12.3	2.7	1.03	162.7	0.003	2	1.24	0.005	0.34	0.2	3.5	0.11	0.59	<5	<0.1	0.13	2.8	1.77	<0.1
REP 1892516	QC	0.129	11.9	2.7	1.02	185.2	0.003	3	1.25	0.004	0.34	0.2	3.6	0.11	0.58	<5	<0.1	0.12	3.1	1.80	<0.1
REP 1892519	QC	0.189	24.7	61.5	2.34	53.6	0.003	<1	0.68	0.002	0.04	<0.1	5.4	0.30	3.15	6	1.6	1.70	1.3	0.15	<0.1
J953536	Rock	0.003	0.8	1.0	1.61	1.4	<0.001	<1	0.08	0.002	<0.01	<0.1	1.1	0.12	>10	26375	4.1	0.04	2.5	0.22	0.2
REP J953536	QC																				
J953543	Rock	0.015	1.7	51.9	0.91	8.5	<0.001	<1	0.70	<0.001	0.09	0.2	3.1	0.72	2.20	22	3.2	2.20	3.2	0.94	<0.1
REP J953543	QC	0.015	1.9	52.7	0.91	8.3	<0.001	<1	0.72	<0.001	0.09	0.2	3.1	0.72	2.19	12	3.4	2.37	3.4	0.98	<0.1
J953580	Rock	0.034	2.5	1.3	0.11	21.2	0.018	<1	0.44	0.002	0.19	0.4	0.4	0.04	3.97	9	1.8	0.70	1.5	0.63	<0.1
REP J953580	QC	0.035	2.5	1.2	0.11	19.5	0.018	1	0.43	0.002	0.19	0.4	0.4	0.04	3.98	<5	1.6	0.76	1.5	0.63	<0.1
J953600	Rock	0.049	1.4	6.0	1.91	4.1	0.002	<1	1.15	<0.001	<0.01	0.1	4.4	0.09	3.09	259	0.3	0.09	3.2	0.09	0.2
REP J953600	QC	0.049	1.4	5.9	1.91	4.3	0.003	<1	1.15	0.001	<0.01	0.1	4.7	0.09	3.06	296	0.5	0.09	3.2	0.09	0.2
Core Reject Duplicates																					
1892519	Rock	0.195	25.0	67.0	2.41	54.1	0.004	<1	0.70	0.002	0.04	<0.1	5.2	0.30	3.19	5	1.5	1.66	1.3	0.16	0.1
DUP 1892519	QC	0.207	25.5	64.6	2.39	53.9	0.003	<1	0.68	0.002	0.04	<0.1	5.4	0.31	3.21	13	1.6	1.65	1.3	0.16	<0.1
J953542	Rock	0.073	2.3	16.7	3.40	12.6	0.019	4	3.33	0.008	0.10	<0.1	11.2	0.05	0.89	22	0.3	0.04	6.2	2.00	<0.1
DUP J953542	QC	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.
J953585	Rock	0.027	2.4	8.3	3.73	33.5	0.001	<1	1.76	0.006	0.05	<0.1	5.1	0.05	1.94	66	0.7	0.07	3.0	1.36	<0.1
DUP J953585	QC	0.026	2.5	8.5	3.90	36.9	0.001	<1	1.74	0.006	0.05	<0.1	5.0	0.07	2.02	75	0.5	0.07	3.2	1.13	<0.1
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD DS11	Standard	0.072	21.7	58.9	0.87	374.4	0.102	6	1.21	0.076	0.40	3.3	3.5	5.48	0.28	293	2.2	4.83	5.3	3.04	<0.1
STD DS11	Standard	0.068	20.5	62.4	0.85	377.3	0.102	6	1.15	0.072	0.40	3.2	3.4	4.96	0.28	270	2.1	4.45	5.0	2.84	<0.1
STD DS11	Standard	0.071	19.4	58.2	0.84	363.0	0.095	6	1.17	0.073	0.40	2.9	3.2	4.69	0.27	226	2.4	4.86	5.1	2.83	0.1

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	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	MA370	MA370	MA370	MA370	MA370	MA370
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	W
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	gm/t	%
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.001	0.001	0.02	0.01	2	0.01
Pulp Duplicates																					
1892516	Rock	<0.02	<0.02	9.9	0.2	<0.05	0.2	18.96	25.0	0.03	1	0.9	11.3	<10	<2						
REP 1892516	QC	<0.02	<0.02	9.8	0.1	<0.05	0.2	18.28	25.1	0.02	<1	0.9	11.1	<10	<2						
REP 1892519	QC	0.03	0.02	1.6	0.1	<0.05	0.9	14.52	42.7	<0.02	5	0.5	8.0	<10	<2						
J953536	Rock	<0.02	0.04	0.5	3.5	<0.05	0.4	2.77	1.6	1.30	<1	<0.1	2.5	*	<2	<0.001	0.168	0.52	13.40	50	<0.01
REP J953536	QC															<0.001	0.169	0.53	13.57	53	<0.01
J953543	Rock	<0.02	<0.02	5.6	0.3	<0.05	0.1	2.43	3.5	<0.02	3	0.3	12.9	<10	<2						
REP J953543	QC	<0.02	<0.02	5.9	0.3	<0.05	0.1	2.57	3.5	<0.02	6	<0.1	12.1	<10	<2						
J953580	Rock	0.02	0.11	5.7	0.1	<0.05	0.5	1.84	4.6	0.06	<1	0.3	2.6	<10	<2	0.006	1.448	<0.02	0.01	33	<0.01
REP J953580	QC	0.03	0.13	5.5	0.1	<0.05	0.5	1.77	4.5	0.04	<1	0.2	2.8	<10	<2						
J953600	Rock	0.02	0.02	0.2	0.4	<0.05	0.7	5.10	3.1	0.03	11	<0.1	17.1	<10	<2						
REP J953600	QC	0.02	<0.02	0.2	0.6	<0.05	1.0	5.30	3.0	<0.02	15	<0.1	17.2	<10	<2						
Core Reject Duplicates																					
1892519	Rock	0.03	0.02	1.8	0.1	<0.05	1.0	15.21	45.4	0.02	3	0.3	7.9	<10	<2						
DUP 1892519	QC	0.03	0.02	1.8	0.1	<0.05	0.9	15.41	44.0	<0.02	5	0.6	8.5	11	<2						
J953542	Rock	0.12	0.15	2.2	0.2	<0.05	12.2	7.08	6.0	<0.02	12	<0.1	61.4	<10	3						
DUP J953542	QC	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.						
J953585	Rock	<0.02	<0.02	2.3	0.1	<0.05	0.8	8.41	5.6	0.03	3	0.3	31.0	<10	<2						
DUP J953585	QC	<0.02	<0.02	2.1	0.1	<0.05	0.9	9.19	6.0	0.04	1	0.3	30.3	<10	<2						
Reference Materials																					
STD CDN-ME-14	Standard															0.002	1.227	0.50	3.16	44	<0.01
STD CDN-ME-9	Standard															<0.001	0.670	<0.02	0.01	3	<0.01
STD CDN-ME-14	Standard															0.001	1.269	0.50	3.20	43	<0.01
STD CDN-ME-9	Standard															<0.001	0.676	<0.02	0.01	5	<0.01
STD DS11	Standard	0.08	1.48	34.6	1.8	<0.05	3.2	8.31	39.7	0.26	47	0.4	28.7	95	188						
STD DS11	Standard	0.08	1.61	34.6	2.0	<0.05	3.2	8.27	39.0	0.25	53	0.7	23.2	97	159						
STD DS11	Standard	0.08	1.66	34.2	1.8	<0.05	3.3	8.15	38.8	0.23	46	0.9	22.2	88	162						

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

Client: **Zinex Mining Corp.**
Box 997
Whistler British Columbia V0N 1B0 Canada

Project: Metla
Report Date: September 10, 2017

QUALITY CONTROL REPORT WHI17000584.1

		WGHT	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	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	2	0.01
STD DS11	Standard		15.21	148.98	141.76	344.1	1804	78.6	14.0	1051	3.17	43.3	2.8	76.6	8.4	77.5	2.43	8.61	12.57	50	1.07
STD DS11	Standard		14.82	153.51	145.75	337.2	1789	80.7	14.0	1069	3.20	43.2	3.0	76.2	8.0	78.8	2.35	9.17	13.32	50	1.08
STD DS11	Standard		14.22	154.91	145.03	340.3	1773	79.2	14.6	1050	3.10	43.4	2.7	70.7	7.8	65.9	2.28	8.20	12.47	49	1.04
STD OXC129	Standard		1.41	29.81	7.31	49.0	12	82.7	23.7	425	3.17	0.4	0.8	208.4	2.2	190.5	0.06	0.04	0.05	52	0.67
STD OXC129	Standard		1.30	27.43	6.78	41.1	9	81.1	21.1	434	3.06	0.5	0.7	189.3	2.0	188.9	0.02	0.04	<0.02	49	0.64
STD OXC129	Standard		1.40	26.08	6.39	40.0	8	75.9	20.3	419	3.03	0.6	0.7	185.1	1.9	190.0	<0.01	0.03	<0.02	50	0.68
STD OXC129	Standard		1.23	27.38	6.63	41.7	14	79.4	20.7	424	3.06	0.7	0.7	194.0	2.0	204.6	0.02	0.03	<0.02	53	0.74
STD OXC129	Standard		1.25	26.30	6.72	37.6	11	77.5	19.8	404	3.03	0.5	0.8	201.1	1.9	203.5	<0.01	0.04	<0.02	53	0.67
STD OXC129	Standard		1.19	27.89	6.69	42.5	11	80.6	21.6	423	3.03	0.6	0.7	195.9	1.8	191.7	<0.01	0.03	<0.02	54	0.66
STD CDN-ME-14 Expected																					
STD CDN-ME-9 Expected																					
STD OXC129 Expected			1.3	28	6.3	42.9	28	79.5	20.3	421	3.065	0.6	0.72	195	1.9		0.03	0.04		51	0.665
STD DS11 Expected			14.6	156	138	345	1710	81.9	14.2	1055	3.2082	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063
BLK	Blank		0.02	<0.01	0.02	<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	<2	<0.01
BLK	Blank		<0.01	0.04	<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	<2	<0.01
BLK	Blank		0.02	<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	<2	<0.01
BLK	Blank		<0.01	<0.01	0.02	0.3	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
BLK	Blank																				
BLK	Blank		<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	<2	<0.01
BLK	Blank																				
BLK	Blank		<0.01	0.03	<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	<2	<0.01
Prep Wash																					
ROCK-WHI	Prep Blank		0.78	7.02	1.65	35.7	21	1.3	4.5	564	1.78	1.1	0.4	<0.2	2.4	29.0	0.06	0.09	0.02	26	0.64
ROCK-WHI	Prep Blank		0.71	5.49	1.72	36.1	21	1.3	4.3	564	1.72	1.6	0.5	<0.2	2.3	26.7	0.03	0.11	<0.02	23	0.61

BUREAU VERITAS MINERAL LABORATORIES Canada

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Report Date: September 10, 2017

QUALITY CONTROL REPORT WHI17000584.1

		AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.001	**0.5**	**0.5**	**0.01**	**0.5**	**0.001**	**1**	**0.01**	**0.001**	**0.01**	**0.1**	**0.1**	**0.02**	**0.02**	**5**	**0.1**	**0.02**	**0.1**	**0.02**	**0.1**
STD DS11	Standard	0.070	21.3	61.0	0.87	375.4	0.104	6	1.23	0.078	0.41	3.1	3.4	4.88	0.28	244	2.0	4.69	5.1	2.90	<0.1
STD DS11	Standard	0.070	20.8	60.7	0.86	377.3	0.099	8	1.19	0.071	0.40	2.8	3.3	4.72	0.28	260	1.8	4.58	5.0	2.85	0.1
STD DS11	Standard	0.070	18.2	60.2	0.86	375.3	0.092	7	1.14	0.073	0.40	2.9	3.1	5.02	0.28	279	2.0	4.62	4.9	2.79	0.1
STD OXC129	Standard	0.106	14.9	57.8	1.55	54.7	0.418	<1	1.61	0.606	0.38	<0.1	1.6	0.04	<0.02	<5	<0.1	<0.02	5.7	0.17	<0.1
STD OXC129	Standard	0.093	14.0	54.5	1.52	50.6	0.425	<1	1.53	0.576	0.36	<0.1	0.9	0.03	<0.02	<5	<0.1	<0.02	5.4	0.16	<0.1
STD OXC129	Standard	0.098	12.8	50.5	1.54	48.5	0.378	<1	1.57	0.601	0.36	<0.1	1.0	0.03	<0.02	<5	<0.1	<0.02	5.5	0.16	<0.1
STD OXC129	Standard	0.099	13.7	53.6	1.57	51.5	0.415	<1	1.68	0.627	0.37	<0.1	0.8	0.03	<0.02	<5	<0.1	<0.02	5.5	0.15	<0.1
STD OXC129	Standard	0.096	13.3	52.0	1.55	48.7	0.393	2	1.55	0.594	0.38	<0.1	0.8	0.03	<0.02	<5	<0.1	<0.02	5.3	0.15	0.1
STD OXC129	Standard	0.102	12.8	51.7	1.54	49.9	0.407	<1	1.59	0.607	0.39	<0.1	0.6	0.03	<0.02	<5	<0.1	<0.02	5.5	0.16	<0.1
STD CDN-ME-14 Expected																					
STD CDN-ME-9 Expected																					
STD OXC129 Expected		0.102	13	52	1.545	50	0.4	1	1.58	0.6	0.37	0.08	1.1	0.03					5.6	0.16	
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	300	1.9	4.56	5.1	2.88	0.08
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank																				
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank																				
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
Prep Wash																					
ROCK-WHI	Prep Blank	0.040	6.5	3.8	0.52	64.4	0.084	<1	0.99	0.106	0.10	<0.1	3.4	0.02	0.04	<5	<0.1	<0.02	3.6	0.15	<0.1
ROCK-WHI	Prep Blank	0.043	7.0	3.0	0.46	72.2	0.085	1	0.95	0.107	0.10	0.1	3.5	0.02	0.03	19	0.1	<0.02	3.6	0.14	<0.1

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QUALITY CONTROL REPORT WHI17000584.1

		AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	MA370	MA370	MA370	MA370	MA370	MA370
		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Mo	Cu	Pb	Zn	Ag	W
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	%	%	gm/t	%
		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.001	0.001	0.02	0.01	2	0.01
STD DS11	Standard	0.08	1.61	34.9	2.1	<0.05	3.4	9.06	40.9	0.25	52	0.8	24.0	102	179						
STD DS11	Standard	0.05	1.44	33.6	1.8	<0.05	2.7	8.39	41.4	0.23	47	0.7	23.8	110	177						
STD DS11	Standard	0.06	1.34	32.5	1.6	<0.05	2.8	7.77	35.3	0.26	45	0.5	22.9	99	173						
STD OXC129	Standard	0.18	1.66	16.6	0.8	<0.05	16.7	5.03	23.7	<0.02	<1	0.7	2.5	<10	<2						
STD OXC129	Standard	0.28	1.35	15.9	0.8	<0.05	20.1	4.86	24.2	<0.02	<1	0.6	2.1	<10	<2						
STD OXC129	Standard	0.24	1.65	16.2	0.7	<0.05	20.2	4.70	23.4	<0.02	<1	1.0	2.4	<10	<2						
STD OXC129	Standard	0.26	1.08	16.0	0.8	<0.05	20.8	5.03	24.6	<0.02	<1	1.1	2.3	<10	<2						
STD OXC129	Standard	0.22	1.19	15.2	0.7	<0.05	14.2	4.78	24.2	<0.02	<1	0.7	2.4	<10	<2						
STD OXC129	Standard	0.22	0.98	15.6	0.6	<0.05	17.0	4.87	22.6	<0.02	<1	0.4	2.1	<10	<2						
STD CDN-ME-14 Expected																	1.221	0.495	3.1	42.3	
STD CDN-ME-9 Expected																	0.654		0.012		
STD OXC129 Expected		0.24	1.4		0.7		21	4.7	23.7			0.8	2.22								
STD DS11 Expected		0.06	1.53	33.6	1.8		3.1	7.82	37	0.24	50	0.67	23.3	100	172						
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2						
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2						
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2						
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2						
BLK	Blank															<0.001	<0.001	<0.02	<0.01	<2	<0.01
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2						
BLK	Blank															<0.001	<0.001	<0.02	<0.01	<2	<0.01
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2						
Prep Wash																					
ROCK-WHI	Prep Blank	0.15	0.21	2.4	0.4	<0.05	3.5	8.79	11.3	<0.02	2	<0.1	2.1	<10	<2						
ROCK-WHI	Prep Blank	0.15	0.20	2.6	0.5	<0.05	3.5	9.24	12.4	<0.02	<1	0.3	1.7	<10	<2						

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Client: **Zinex Mining Corp.**
Box 997
Whistler British Columbia V0N 1B0 Canada

Submitted By: Janet Miller
Receiving Lab: Canada-Whitehorse
Received: September 18, 2017
Report Date: October 19, 2017
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI17000881.1

CLIENT JOB INFORMATION

Project: Metla
Shipment ID:
P.O. Number
Number of Samples: 26

SAMPLE DISPOSAL

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

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	26	Crush, split and pulverize 250 g rock to 200 mesh			WHI
AQ252_EXT	26	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN
SHP01	26	Per sample shipping charges for branch shipments			VAN
MA370	4	4-Acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Zinex Mining Corp.
Box 997
Whistler British Columbia V0N 1B0
Canada

CC: Barry Hanslit
Caoimhe Peat

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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Report Date: October 19, 2017

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	Method	WGHT	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	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	2	0.01
1892547	Rock	0.89	2.06	31.22	2.35	21.3	176	25.7	18.1	628	2.87	289.8	0.2	8.5	0.6	565.0	0.03	3.24	<0.02	47	11.90
1892548	Rock	0.89	0.09	6.48	0.42	7.5	45	108.3	48.5	141	3.26	80.3	<0.1	2.6	<0.1	21.8	<0.01	0.63	0.12	39	0.60
1892549	Rock	0.98	2.84	20.67	0.68	5.8	28	120.5	29.8	182	5.82	50.2	<0.1	<0.2	0.8	22.2	<0.01	0.66	0.06	29	1.53
1892550	Rock	1.03	649.95	11.05	31.56	30.6	6977	3.4	5.8	4142	1.73	19.5	0.6	21.4	1.2	>2000	1.35	1.92	7.46	28	27.09
1892551	Rock	0.92	250.52	>10000	24.94	535.7	60415	100.4	53.1	176	3.11	14.0	1.1	0.3	0.5	73.8	8.46	5.40	0.69	53	1.62
1892552	Rock	0.84	208.52	83.87	15.99	24.8	2430	1.7	6.2	736	2.24	17.6	0.5	10.9	1.2	278.9	0.52	1.54	2.89	10	3.70
1892553	Rock	1.00	169.38	79.82	29.21	18.8	12247	4.1	8.2	661	2.52	73.8	1.1	90.2	2.2	114.8	0.41	1.70	4.31	20	2.21
1892554	Rock	1.05	24.76	>10000	9.76	12.7	39476	4.1	47.7	206	7.44	6.1	0.12	1313.4	0.5	10.2	0.09	1.49	0.73	11	0.09
1892555	Rock	0.95	112.01	26.53	30.73	11.1	2277	2.6	5.1	641	1.66	14.1	0.1	27.8	0.4	86.0	0.31	1.91	8.29	4	1.03
1892556	Rock	1.22	2.91	9623.63	9.00	301.9	4543	7.8	25.2	1746	3.25	3.1	0.3	176.4	0.7	289.0	0.59	21.14	0.33	25	4.46
1892557	Rock	1.34	607.10	413.48	42.44	21.7	>100000	2.3	5.1	120	2.08	16.8	0.4	110.4	1.4	36.6	2.30	1.24	61.37	6	0.28
1892558	Rock	1.14	102.12	83.84	11.33	32.4	39533	1.5	10.8	1119	4.13	28.3	1.1	34.2	2.7	334.9	0.22	2.13	1.07	54	5.08
1892559	Rock	0.78	2.39	7.21	1.73	41.9	310	121.6	16.4	1586	4.70	17.2	0.5	1.3	<0.1	205.0	0.15	1.06	0.17	109	15.54
1892560	Rock	1.42	250.50	6088.48	41.61	11.3	69986	8.1	978.2	894	16.76	26.8	0.11	4550.9	0.1	180.3	0.62	1.45	76.81	5	5.69
1892561	Rock	0.90	2.48	52.59	4.31	8.3	125	97.4	33.3	232	7.66	53.1	<0.1	1.2	0.1	24.4	0.04	8.40	0.10	44	1.99
1892562	Rock	1.32	108.21	21.04	17.78	32.8	2102	5.1	8.4	1572	3.26	34.0	0.4	2200.1	0.9	117.5	0.36	1.81	0.21	16	4.92
1892563	Rock	1.26	9.55	339.48	7.66	45.5	480	89.3	50.2	185	19.35	198.8	0.3	2.2	0.1	24.7	0.57	70.78	0.10	19	3.15
1892564	Rock	1.20	10.32	343.28	16.49	39.9	291	168.0	191.3	431	10.64	339.3	0.3	1.9	1.6	33.7	0.12	3.10	0.29	208	3.74
1892565	Rock	1.23	6.68	106.80	63.07	54.9	5009	106.8	64.9	258	15.63	1109.2	0.1	89.0	0.3	8.0	0.24	14.12	0.09	225	0.28
1892566	Rock	0.86	12.45	235.02	7.90	17.7	1617	389.8	31.3	725	3.43	506.9	0.4	2.7	0.2	40.2	0.17	20.66	0.02	171	3.94
1892567	Rock	1.21	5.19	154.36	4328.72	>10000	21289	5.9	3.4	1765	12.87	2209.5	0.2	779.2	<0.1	58.6	230.36	4.78	0.37	35	4.61
1892568	Rock	1.24	1.04	1680.38	560.74	107.2	36971	47.9	33.4	478	32.70	7248.5	0.2	2209.2	<0.1	23.0	1.87	27.78	3.39	30	0.87
1892569	Rock	1.50	1.81	635.22	2059.82	3584.8	12796	18.2	10.8	1671	9.58	1499.4	0.2	455.9	<0.1	57.7	68.44	10.75	0.76	9	3.28
J953551	Rock	0.32	0.36	6.24	8.80	82.5	67	57.8	71.0	998	10.69	6.1	<0.1	0.9	0.1	49.4	0.33	0.89	0.03	320	2.35

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Project: Metla
Report Date: October 19, 2017

CERTIFICATE OF ANALYSIS WHI17000881.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1892547	Rock	0.305	6.4	10.6	4.65	56.3	0.001	3	0.87	0.006	0.35	0.3	6.5	0.28	1.34	44	0.2	0.11	1.7	5.37	<0.1
1892548	Rock	0.048	0.6	288.3	0.55	44.3	<0.001	2	1.10	0.019	0.26	<0.1	14.7	0.23	2.64	154	0.2	<0.02	2.5	6.46	<0.1
1892549	Rock	0.118	3.1	123.6	1.63	27.9	0.002	3	2.02	0.008	0.21	<0.1	5.9	0.13	5.35	14	1.1	0.30	3.5	3.76	<0.1
1892550	Rock	0.073	9.2	3.5	1.30	49.1	<0.001	<1	0.59	0.016	0.06	0.1	2.8	0.70	1.31	8	0.9	3.91	1.6	0.54	<0.1
1892551	Rock	0.066	2.5	17.3	0.75	28.9	0.106	1	0.70	0.005	0.01	0.5	2.5	1.24	2.49	16	20.9	2.64	1.8	0.28	0.2
1892552	Rock	0.084	6.8	2.6	0.30	42.7	0.001	2	0.32	0.024	0.12	<0.1	1.1	0.35	1.87	<5	0.6	1.34	0.8	0.96	<0.1
1892553	Rock	0.083	7.3	3.0	0.14	52.3	<0.001	1	0.35	0.002	0.21	<0.1	0.9	0.30	1.33	<5	0.9	6.18	1.0	1.61	<0.1
1892554	Rock	0.037	1.7	2.4	0.33	9.6	0.002	<1	0.62	0.003	0.18	<0.1	0.6	0.05	5.41	39	4.4	22.73	1.7	1.31	<0.1
1892555	Rock	0.056	5.2	3.4	0.03	107.1	<0.001	1	0.18	0.004	0.10	<0.1	0.9	0.41	0.38	8	<0.1	2.10	0.3	0.40	<0.1
1892556	Rock	0.042	5.1	8.9	1.16	176.2	0.002	2	1.06	0.002	0.10	<0.1	2.7	0.08	0.95	1018	5.8	0.42	2.5	1.35	<0.1
1892557	Rock	0.081	6.5	2.1	0.08	87.1	0.001	<1	0.31	0.029	0.18	0.1	0.7	0.90	1.15	64	2.3	180.23	0.7	0.42	<0.1
1892558	Rock	0.112	8.1	1.4	1.05	39.8	<0.001	1	0.67	0.021	0.14	<0.1	1.7	0.20	2.56	5	1.3	23.23	1.9	1.12	<0.1
1892559	Rock	0.011	1.0	32.1	7.19	10.4	0.001	<1	0.47	0.027	<0.01	<0.1	2.7	0.05	0.09	17	0.3	0.20	1.1	0.03	<0.1
1892560	Rock	0.005	1.3	2.0	0.31	4.4	<0.001	1	0.39	0.002	0.04	0.5	0.5	1.10	>10	7834	2.4	112.26	1.1	0.33	<0.1
1892561	Rock	0.252	10.6	46.7	2.05	20.4	0.003	10	1.95	0.021	0.40	<0.1	5.5	0.40	6.46	18	0.1	0.09	4.4	2.01	<0.1
1892562	Rock	0.078	10.1	2.1	1.62	72.1	<0.001	2	0.41	0.003	0.22	0.1	2.2	0.39	1.36	11	0.3	0.67	1.0	2.30	<0.1
1892563	Rock	0.013	1.3	3.9	1.35	5.4	<0.001	2	0.30	0.006	0.06	0.2	0.5	0.15	>10	1895	5.4	0.10	0.7	0.18	<0.1
1892564	Rock	1.105	9.4	10.4	1.91	20.8	0.005	3	2.61	0.020	0.11	0.1	13.9	0.39	8.30	143	7.4	0.14	7.8	0.94	<0.1
1892565	Rock	0.067	0.6	46.4	1.03	9.1	0.001	<1	1.49	0.006	0.06	<0.1	13.0	0.49	>10	264	7.5	0.19	5.4	1.58	<0.1
1892566	Rock	0.046	1.2	27.2	0.92	2.9	0.001	3	0.73	0.002	0.01	<0.1	9.9	0.12	2.91	2467	<0.1	0.02	1.9	0.22	<0.1
1892567	Rock	0.017	0.7	5.3	0.88	6.6	0.002	1	0.43	0.005	<0.01	<0.1	1.2	0.05	>10	72	0.8	0.15	1.1	0.14	<0.1
1892568	Rock	0.015	0.6	3.4	0.42	3.5	<0.001	<1	0.18	<0.001	<0.01	0.1	1.0	0.26	>10	53	2.5	9.79	0.7	0.61	0.6
1892569	Rock	0.012	1.3	6.7	0.85	5.8	<0.001	<1	0.05	<0.001	<0.01	<0.1	0.8	0.05	5.06	20	1.0	2.02	0.3	0.10	0.2
J953551	Rock	0.042	3.0	16.2	4.87	68.9	0.014	3	5.33	0.016	0.21	<0.1	34.5	0.21	0.35	6	0.4	<0.02	13.5	12.55	<0.1

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Project: Metla
Report Date: October 19, 2017

CERTIFICATE OF ANALYSIS WHI17000881.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	MA370	MA370	MA370
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Cu	Zn	Ag
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	gm/t
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.001	0.01	2
1892547	Rock	<0.02	<0.02	15.5	0.2	<0.05	0.4	9.42	13.7	<0.02	1	0.9	5.3	<10	3			
1892548	Rock	<0.02	<0.02	12.1	0.2	<0.05	0.2	1.52	1.2	0.02	<1	<0.1	15.2	<10	7			
1892549	Rock	0.03	0.03	6.7	0.2	<0.05	0.7	2.87	7.2	<0.02	2	0.1	31.6	<10	2			
1892550	Rock	<0.02	0.03	3.4	<0.1	<0.05	0.2	16.13	18.6	<0.02	8	0.3	12.0	*	<2			
1892551	Rock	0.15	0.06	0.6	0.4	<0.05	3.4	5.15	4.9	0.04	47	0.1	4.3	<10	3	3.188	0.06	60
1892552	Rock	<0.02	<0.02	5.3	<0.1	<0.05	0.1	8.26	14.3	<0.02	2	0.4	8.2	<10	2			
1892553	Rock	<0.02	<0.02	8.5	<0.1	<0.05	0.3	8.56	16.3	<0.02	1	0.4	5.1	<10	<2			
1892554	Rock	<0.02	<0.02	5.1	<0.1	<0.05	0.2	2.48	4.1	0.22	1	0.3	5.8	<10	<2	2.181	<0.01	39
1892555	Rock	<0.02	<0.02	3.5	<0.1	<0.05	0.1	7.45	10.6	<0.02	<1	0.3	3.3	<10	<2			
1892556	Rock	0.06	<0.02	2.9	<0.1	<0.05	2.3	8.58	10.8	0.08	<1	0.6	10.8	<10	<2			
1892557	Rock	<0.02	<0.02	6.3	<0.1	<0.05	0.3	3.71	13.4	<0.02	34	<0.1	3.1	<10	<2	0.042	<0.01	246
1892558	Rock	<0.02	<0.02	4.9	<0.1	<0.05	0.5	10.62	16.2	<0.02	4	0.4	18.9	<10	<2			
1892559	Rock	<0.02	<0.02	0.2	<0.1	<0.05	0.5	9.40	1.9	<0.02	5	0.2	8.0	<10	<2			
1892560	Rock	<0.02	0.04	1.2	<0.1	<0.05	0.1	4.01	2.8	0.06	133	0.1	4.1	<10	<2			
1892561	Rock	0.03	<0.02	9.3	0.4	<0.05	1.4	15.52	25.8	0.04	<1	0.6	43.2	<10	<2			
1892562	Rock	0.02	<0.02	8.5	<0.1	<0.05	0.3	11.54	21.6	<0.02	5	0.6	7.8	<10	<2			
1892563	Rock	0.09	0.04	1.3	0.2	<0.05	3.1	2.63	3.1	<0.02	3	0.1	7.1	<10	<2			
1892564	Rock	0.07	0.05	4.3	0.6	<0.05	2.6	16.79	22.3	0.06	20	<0.1	63.0	<10	6			
1892565	Rock	0.03	0.03	2.5	0.4	<0.05	0.9	1.67	1.4	0.34	3	<0.1	39.7	<10	<2			
1892566	Rock	0.03	<0.02	0.4	0.5	<0.05	1.5	3.93	3.1	0.07	10	0.2	15.6	<10	<2			
1892567	Rock	0.04	0.02	0.2	0.4	<0.05	1.0	2.29	1.6	0.86	3	<0.1	5.1	*	<2	0.018	1.26	21
1892568	Rock	<0.02	0.05	0.5	0.2	<0.05	0.4	1.62	0.9	0.06	<1	<0.1	1.2	<10	<2			
1892569	Rock	<0.02	<0.02	0.1	<0.1	<0.05	0.3	3.77	1.7	0.09	<1	<0.1	0.6	*	<2			
J953551	Rock	0.03	<0.02	12.9	0.3	<0.05	0.5	8.89	5.2	0.08	<1	0.8	86.9	<10	<2			

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Project: Metla
Report Date: October 19, 2017

QUALITY CONTROL REPORT WHI17000881.1

	Method	WGHT	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	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	2	0.01
Pulp Duplicates																					
1892554	Rock	1.05	24.76	>10000	9.76	12.7	39476	4.1	47.7	206	7.44	6.1	0.12	1313.4	0.5	10.2	0.09	1.49	0.73	11	0.09
REP 1892554	QC																				
1892562	Rock	1.32	108.21	21.04	17.78	32.8	2102	5.1	8.4	1572	3.26	34.0	0.4	2200.1	0.9	117.5	0.36	1.81	0.21	16	4.92
REP 1892562	QC		109.52	20.42	16.61	32.8	2119	5.0	8.3	1583	3.27	33.3	0.4	2511.4	0.9	111.6	0.39	1.68	0.20	17	4.80
Core Reject Duplicates																					
1892567	Rock	1.21	5.19	154.36	4328.72	>10000	21289	5.9	3.4	1765	12.87	2209.5	0.2	779.2	<0.1	58.6	230.36	4.78	0.37	35	4.61
DUP 1892567	QC		5.21	151.45	4430.79	>10000	20632	6.1	3.6	1803	12.55	2134.0	0.2	781.5	<0.1	61.9	225.38	4.66	0.38	35	5.00
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD DS11	Standard		15.06	159.10	145.20	344.3	1810	83.6	13.6	1067	3.26	43.5	3.0	70.8	8.7	73.7	2.61	8.28	12.84	53	1.12
STD DS11	Standard		13.79	154.90	140.49	350.0	1675	77.1	14.9	1086	3.15	44.0	2.8	79.3	8.5	66.7	2.49	8.73	13.26	49	1.07
STD OXC129	Standard		1.29	28.55	6.48	44.8	12	81.2	20.2	421	3.11	0.6	0.7	193.1	2.0	204.4	0.01	0.04	<0.02	53	0.72
STD OXC129	Standard		1.18	26.60	6.22	38.6	10	73.2	22.4	425	2.99	0.7	0.7	192.3	1.9	165.3	<0.01	0.04	0.02	51	0.64
STD OXC129 Expected			1.3	28	6.3	42.9	28	79.5	20.3	421	3.065	0.6	0.72	195	1.9		0.03	0.04		51	0.665
STD DS11 Expected			14.6	156	138	345	1710	81.9	14.2	1055	3.2082	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063
STD CDN-ME-14 Expected																					
STD CDN-ME-9 Expected																					
BLK	Blank		<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	<2	<0.01
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		0.99	3.96	1.13	35.9	16	1.2	3.8	613	1.76	1.3	0.4	<0.2	2.0	31.2	<0.01	0.06	0.04	20	0.68
ROCK-WHI	Prep Blank		0.90	5.09	1.15	42.8	12	3.1	4.7	707	1.92	1.5	0.4	<0.2	2.0	44.7	0.01	0.03	0.02	26	0.84

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QUALITY CONTROL REPORT WHI17000881.1

		Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
Pulp Duplicates																						
1892554	Rock		0.037	1.7	2.4	0.33	9.6	0.002	<1	0.62	0.003	0.18	<0.1	0.6	0.05	5.41	39	4.4	22.73	1.7	1.31	<0.1
REP 1892554	QC																					
1892562	Rock		0.078	10.1	2.1	1.62	72.1	<0.001	2	0.41	0.003	0.22	0.1	2.2	0.39	1.36	11	0.3	0.67	1.0	2.30	<0.1
REP 1892562	QC		0.076	9.4	2.3	1.61	63.3	<0.001	1	0.41	0.003	0.22	0.1	2.2	0.39	1.34	5	0.5	0.61	1.1	2.09	<0.1
Core Reject Duplicates																						
1892567	Rock		0.017	0.7	5.3	0.88	6.6	0.002	1	0.43	0.005	<0.01	<0.1	1.2	0.05	>10	72	0.8	0.15	1.1	0.14	<0.1
DUP 1892567	QC		0.018	0.7	5.2	0.88	6.6	0.002	1	0.43	0.005	<0.01	<0.1	1.1	0.05	>10	81	0.8	0.14	1.0	0.14	0.2
Reference Materials																						
STD CDN-ME-14	Standard																					
STD CDN-ME-9	Standard																					
STD DS11	Standard		0.073	22.1	64.9	0.87	407.0	0.106	10	1.27	0.080	0.43	3.2	3.5	5.11	0.29	277	2.4	5.02	5.7	3.09	<0.1
STD DS11	Standard		0.074	20.1	61.0	0.84	377.4	0.099	8	1.16	0.072	0.41	2.9	3.5	4.80	0.28	257	2.2	4.64	5.1	2.83	0.1
STD OXC129	Standard		0.103	13.1	56.1	1.54	53.5	0.421	2	1.65	0.607	0.37	<0.1	0.8	0.03	<0.02	<5	<0.1	<0.02	5.9	0.16	<0.1
STD OXC129	Standard		0.087	13.0	51.8	1.54	49.6	0.376	2	1.48	0.580	0.37	<0.1	0.7	0.04	<0.02	<5	<0.1	<0.02	5.4	0.15	<0.1
STD OXC129 Expected			0.102	13	52	1.545	50	0.4	1	1.58	0.6	0.37	0.08	1.1	0.03					5.6	0.16	
STD DS11 Expected			0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	300	1.9	4.56	5.1	2.88	0.08
STD CDN-ME-14 Expected																						
STD CDN-ME-9 Expected																						
BLK	Blank		<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank																					
Prep Wash																						
ROCK-WHI	Prep Blank		0.041	6.9	3.7	0.51	54.9	0.080	4	1.10	0.099	0.12	<0.1	3.1	<0.02	0.07	<5	<0.1	<0.02	4.3	0.21	<0.1
ROCK-WHI	Prep Blank		0.043	6.7	7.8	0.61	75.7	0.092	3	1.19	0.098	0.11	<0.1	3.7	<0.02	0.06	<5	<0.1	<0.02	4.4	0.20	<0.1

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Client: **Zinex Mining Corp.**
Box 997
Whistler British Columbia V0N 1B0 Canada

Project: Metla

Report Date: October 19, 2017

QUALITY CONTROL REPORT WHI17000881.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	MA370	MA370	MA370
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Cu	Zn	Ag
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%	gm/t
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.001	0.01	2
Pulp Duplicates																		
1892554	Rock	<0.02	<0.02	5.1	<0.1	<0.05	0.2	2.48	4.1	0.22	1	0.3	5.8	<10	<2	2.181	<0.01	39
REP 1892554	QC															2.199	<0.01	40
1892562	Rock	0.02	<0.02	8.5	<0.1	<0.05	0.3	11.54	21.6	<0.02	5	0.6	7.8	<10	<2			
REP 1892562	QC	<0.02	<0.02	8.2	<0.1	<0.05	0.3	10.99	19.8	<0.02	5	0.7	7.6	<10	<2			
Core Reject Duplicates																		
1892567	Rock	0.04	0.02	0.2	0.4	<0.05	1.0	2.29	1.6	0.86	3	<0.1	5.1	*	<2	0.018	1.26	21
DUP 1892567	QC	0.03	0.02	0.1	0.3	<0.05	1.1	2.28	1.7	0.87	3	<0.1	5.3	*	<2	0.017	1.17	19
Reference Materials																		
STD CDN-ME-14	Standard															1.267	3.23	44
STD CDN-ME-9	Standard															0.665	0.01	3
STD DS11	Standard	0.06	1.88	36.0	1.9	<0.05	3.4	9.31	43.7	0.25	47	0.9	24.2	91	196			
STD DS11	Standard	0.07	1.63	33.3	1.9	<0.05	2.9	7.92	37.4	0.24	46	0.4	23.5	103	180			
STD OXC129	Standard	0.29	1.27	15.9	0.8	<0.05	19.5	4.94	23.3	<0.02	<1	0.9	2.4	<10	<2			
STD OXC129	Standard	0.24	1.34	15.3	0.7	<0.05	16.1	4.26	21.4	<0.02	<1	0.8	1.9	<10	<2			
STD OXC129 Expected		0.24	1.4		0.7		21	4.7	23.7			0.8	2.22					
STD DS11 Expected		0.06	1.53	33.6	1.8		3.1	7.82	37	0.24	50	0.67	23.3	100	172			
STD CDN-ME-14 Expected																1.221	3.1	42.3
STD CDN-ME-9 Expected																0.654	0.012	
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2			
BLK	Blank															<0.001	<0.01	<2
Prep Wash																		
ROCK-WHI	Prep Blank	0.16	0.16	2.4	0.3	<0.05	4.1	8.12	13.3	<0.02	<1	0.3	1.1	<10	<2			
ROCK-WHI	Prep Blank	0.17	0.19	2.5	0.4	<0.05	4.2	9.04	13.4	<0.02	<1	0.5	1.7	<10	2			

BUREAU VERITAS MINERAL LABORATORIES Canada

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Client: **Zinex Mining Corp.**
Box 997
Whistler British Columbia V0N 1B0 Canada

Submitted By: Janet Miller
Receiving Lab: Canada-Whitehorse
Received: September 22, 2017
Report Date: October 23, 2017
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI17000906.1

CLIENT JOB INFORMATION

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

SAMPLE DISPOSAL

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

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	25	Crush, split and pulverize 250 g rock to 200 mesh			WHI
AQ252_EXT	25	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN
SHP01	25	Per sample shipping charges for branch shipments			VAN
MA370	1	4-Acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Zinex Mining Corp.
Box 997
Whistler British Columbia V0N 1B0
Canada

CC: Barry Hanslit
Caoimhe Peat

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: **Zinex Mining Corp.**
Box 997
Whistler British Columbia V0N 1B0 Canada

Project: Metla
Report Date: October 23, 2017

CERTIFICATE OF ANALYSIS WHI17000906.1

	Method	WGHT	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	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	2	0.01
J953607	Rock	0.27	5.14	36.82	8.57	20.9	166	37.9	10.5	450	10.27	203.9	0.2	<0.2	0.2	58.0	0.12	1.91	0.05	75	3.10
J953608	Rock	0.74	4.93	18.20	8.87	20.7	150	24.6	2.9	1784	4.40	71.4	<0.1	<0.2	<0.1	146.0	0.16	1.28	<0.02	52	13.01
J953609	Rock	0.88	96.64	4000.13	7.00	19.7	10477	3.3	12.9	583	2.44	17.0	0.5	102.0	1.9	123.8	0.44	1.09	1.21	19	1.51
J953610	Rock	0.63	621.27	16.39	21.40	8.1	4198	3.1	7.1	52	3.62	67.0	0.3	122.9	1.1	25.8	0.70	1.12	7.34	11	0.28
J953611	Rock	0.57	4.73	122.90	2.45	42.1	428	51.2	26.3	412	5.22	28.3	0.1	0.8	0.4	22.8	0.08	2.36	0.06	161	0.64
J953612	Rock	1.10	1.75	11.35	0.50	3.2	35	3.8	3.9	370	0.70	7.4	<0.1	<0.2	<0.1	43.7	0.04	0.40	0.03	8	4.34
J953613	Rock	0.70	27.49	22.57	1.35	27.1	68	56.8	70.3	1211	7.30	29.4	0.2	1.9	0.2	99.9	0.03	1.32	0.15	309	11.29
J953614	Rock	0.79	4.65	33.95	6.45	5.9	780	45.5	16.2	1827	2.86	56.1	0.9	<0.2	0.1	452.7	0.22	0.38	0.27	132	20.03
J953615	Rock	0.71	5.35	157.74	7.75	25.5	519	56.3	16.4	1349	4.00	52.9	0.4	<0.2	0.2	119.7	0.49	6.57	0.14	112	14.24
J953616	Rock	0.58	144.43	41.19	1.61	27.9	441	169.4	782.4	629	9.13	23.4	<0.1	1.7	<0.1	150.6	0.17	0.74	1.38	63	2.90
J953617	Rock	1.20	26.20	130.17	6.77	36.1	103	131.7	192.9	393	30.70	54.0	0.2	4.0	0.9	18.4	0.23	0.63	0.21	110	1.45
J953618	Rock	0.35	79.96	7.46	10.91	4.0	624	2.0	3.4	146	1.03	6.7	0.3	3.3	0.6	13.9	0.16	1.28	2.41	2	0.38
J953619	Rock	0.89	0.42	82.57	3.82	38.5	3280	249.0	31.9	2322	5.19	905.9	<0.1	109.0	<0.1	298.2	0.63	3.55	0.04	117	10.52
J953620	Rock	0.33	2.02	4.32	3.51	7.2	89	34.3	9.3	596	1.97	48.9	0.1	<0.2	<0.1	355.4	0.01	2.42	0.04	58	7.66
J953621	Rock	0.47	0.78	99.01	2.62	129.3	361	122.8	40.9	1079	5.86	183.8	0.2	2.6	0.3	240.8	0.73	4.85	0.04	158	5.65
J953622	Rock	0.12	5.79	220.69	3.85	140.0	300	7.1	11.8	2369	4.38	3.8	1.0	0.5	1.7	41.8	0.11	0.16	0.28	147	2.01
J953623	Rock	0.74	2.78	79.73	1.27	35.4	434	4.7	21.1	655	3.21	2.9	0.5	11.9	0.7	156.4	<0.01	0.38	0.09	73	2.12
J953627	Rock	0.33	0.91	166.10	3.54	36.2	742	4.8	18.8	1575	4.85	9.6	1.3	5.1	3.8	278.4	0.05	0.30	0.10	42	6.39
J953628	Rock	1.38	0.26	7.85	4.61	36.0	156	183.0	29.8	2297	4.67	473.9	<0.1	25.1	<0.1	473.9	0.43	2.27	<0.02	130	19.37
J953629	Rock	0.62	0.46	75.32	3.44	42.4	4774	246.0	39.8	2425	5.33	2874.4	<0.1	186.6	0.1	250.3	0.55	11.07	<0.02	99	8.75
J953630	Rock	1.12	29.08	32.87	5.06	14.6	433	4.2	2.7	1835	4.85	17.6	<0.1	2.7	<0.1	230.4	0.05	2.18	0.03	23	13.48
J953631	Rock	0.80	0.63	106.58	41.99	56.6	374	9.7	18.7	703	5.64	58.5	0.1	0.8	0.3	80.6	0.28	2.16	0.83	157	1.23

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Whistler British Columbia V0N 1B0 Canada

Project: Metla
Report Date: October 23, 2017

CERTIFICATE OF ANALYSIS WHI17000906.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
J953607	Rock	0.061	1.4	10.0	2.14	15.4	0.001	2	1.38	0.006	0.08	0.2	4.3	0.16	8.86	44	1.0	<0.02	3.0	1.15	0.1
J953608	Rock	0.007	1.4	0.9	6.27	5.0	<0.001	<1	0.03	0.006	<0.01	<0.1	2.8	0.04	3.75	118	1.6	<0.02	0.1	<0.02	<0.1
J953609	Rock	0.047	3.3	1.9	0.56	84.3	0.002	1	0.54	0.003	0.15	<0.1	0.9	0.23	1.54	16	0.9	1.64	2.0	0.80	<0.1
J953610	Rock	0.139	7.6	2.2	0.08	49.6	0.002	<1	0.28	0.034	0.17	0.2	1.1	0.46	2.79	9	1.8	4.28	1.0	0.98	<0.1
J953611	Rock	0.111	1.4	26.6	0.95	61.7	0.209	3	1.80	0.022	0.21	5.9	10.6	0.11	1.50	<5	2.9	0.18	5.2	0.83	<0.1
J953612	Rock	0.004	<0.5	2.5	0.18	6.9	<0.001	<1	0.07	0.002	<0.01	<0.1	0.7	<0.02	0.47	<5	0.2	<0.02	0.3	0.08	<0.1
J953613	Rock	0.153	5.1	20.5	4.00	6.4	0.004	1	2.96	0.002	<0.01	0.1	8.0	<0.02	5.13	20	2.6	0.11	9.0	0.84	0.3
J953614	Rock	0.046	4.0	8.2	2.71	65.1	0.001	<1	1.03	0.002	<0.01	<0.1	5.5	0.17	2.04	23	1.4	0.08	3.2	0.06	0.1
J953615	Rock	0.041	3.4	15.0	7.56	29.5	0.002	1	1.25	0.024	<0.01	0.1	4.3	0.25	1.41	152	0.6	0.04	2.9	0.09	<0.1
J953616	Rock	0.132	3.5	111.9	2.19	29.0	0.004	2	2.22	0.039	0.19	<0.1	8.1	0.10	6.71	15	0.8	0.14	7.1	2.95	0.1
J953617	Rock	0.214	2.2	3.8	2.94	8.0	0.004	<1	2.20	0.011	0.07	0.2	2.9	0.10	>10	50	7.0	0.31	6.2	1.12	0.3
J953618	Rock	0.028	2.9	2.6	0.05	216.7	<0.001	<1	0.18	0.001	0.06	<0.1	0.5	0.19	0.50	7	0.2	0.67	0.3	0.38	<0.1
J953619	Rock	0.022	2.2	215.3	4.41	22.6	0.003	<1	2.56	0.002	0.05	0.2	18.0	0.10	3.25	14	0.4	0.54	5.7	1.64	0.1
J953620	Rock	0.019	1.0	7.7	1.30	11.9	<0.001	<1	0.35	0.001	<0.01	0.2	4.0	0.05	1.43	79	<0.1	<0.02	1.0	0.08	<0.1
J953621	Rock	0.058	7.3	139.6	4.37	113.7	0.002	<1	3.10	0.003	0.02	0.1	14.4	0.06	0.79	42	0.5	0.18	8.1	0.36	<0.1
J953622	Rock	0.181	9.6	9.3	1.58	29.7	0.201	2	1.79	0.062	0.11	>100	6.7	0.16	0.58	*	0.4	0.03	9.9	1.80	0.3
J953623	Rock	0.189	10.0	3.4	1.50	98.6	0.050	<1	1.70	0.080	0.08	0.5	4.1	0.03	1.16	<5	0.6	0.20	6.9	0.34	0.1
J953627	Rock	0.115	7.0	2.2	1.14	56.4	0.002	1	1.44	0.015	0.24	0.2	3.2	0.10	3.04	<5	0.8	0.54	5.6	2.10	<0.1
J953628	Rock	0.029	2.6	131.5	5.44	18.2	0.002	1	1.49	0.005	0.02	0.4	11.7	0.03	1.09	10	0.3	0.34	3.0	0.57	<0.1
J953629	Rock	0.035	2.3	255.4	5.98	18.3	0.002	2	2.85	0.002	0.09	1.6	19.7	0.07	2.77	7	0.7	2.05	5.4	1.00	<0.1
J953630	Rock	0.004	3.8	5.4	4.89	23.4	<0.001	<1	0.13	0.002	0.02	0.9	2.6	0.10	0.11	<5	0.4	0.07	0.5	0.24	<0.1
J953631	Rock	0.056	1.9	19.6	2.05	14.1	0.166	<1	3.37	0.179	0.04	0.3	11.7	0.15	1.44	<5	1.7	0.25	8.7	3.01	0.1

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Project: Metla
Report Date: October 23, 2017

CERTIFICATE OF ANALYSIS WHI17000906.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	MA370
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	W
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01
J953607	Rock	0.03	<0.02	3.4	0.6	<0.05	1.3	4.89	3.9	<0.02	9	0.1	28.5	<10	<2	
J953608	Rock	<0.02	<0.02	<0.1	<0.1	<0.05	0.2	4.39	3.8	<0.02	<1	0.2	0.6	<10	<2	
J953609	Rock	<0.02	<0.02	5.8	<0.1	<0.05	0.3	5.42	7.5	0.04	7	0.2	9.3	19	<2	
J953610	Rock	<0.02	<0.02	6.4	<0.1	<0.05	0.2	5.56	17.1	<0.02	5	0.2	2.1	*	<2	
J953611	Rock	0.17	0.02	7.4	0.1	<0.05	3.4	6.63	3.6	<0.02	1	0.2	71.9	18	<2	
J953612	Rock	<0.02	<0.02	0.3	<0.1	<0.05	0.2	1.67	0.7	<0.02	<1	<0.1	0.8	<10	<2	
J953613	Rock	0.04	<0.02	0.4	1.4	<0.05	1.8	14.43	11.3	0.17	6	0.3	64.6	<10	<2	
J953614	Rock	0.03	<0.02	<0.1	0.5	<0.05	0.8	7.76	8.9	0.06	4	0.3	12.4	<10	<2	
J953615	Rock	0.04	<0.02	0.2	0.3	<0.05	1.4	6.87	7.5	0.04	9	0.3	16.2	<10	<2	
J953616	Rock	<0.02	<0.02	8.7	<0.1	<0.05	0.2	6.37	6.7	<0.02	44	0.2	32.2	13	<2	
J953617	Rock	0.05	0.06	2.7	0.7	<0.05	1.7	6.45	6.0	<0.02	4	0.2	37.6	10	<2	
J953618	Rock	<0.02	<0.02	2.7	<0.1	<0.05	0.2	3.10	6.2	<0.02	2	0.1	2.6	<10	<2	
J953619	Rock	<0.02	<0.02	2.4	0.1	<0.05	0.2	6.74	4.6	0.03	<1	<0.1	35.3	<10	5	
J953620	Rock	<0.02	<0.02	<0.1	<0.1	<0.05	0.6	3.01	2.3	<0.02	<1	0.3	4.2	<10	<2	
J953621	Rock	<0.02	<0.02	0.8	0.2	<0.05	0.4	15.40	16.2	0.06	1	0.7	54.8	<10	<2	
J953622	Rock	0.11	0.45	17.0	5.5	<0.05	1.4	10.30	19.9	0.07	5	0.9	121.4	<10	2	0.03
J953623	Rock	0.06	<0.02	2.7	0.1	<0.05	1.0	10.82	21.4	<0.02	1	0.4	29.4	<10	<2	
J953627	Rock	<0.02	<0.02	10.2	0.1	<0.05	0.4	13.40	16.0	0.03	<1	0.9	17.8	<10	<2	
J953628	Rock	<0.02	<0.02	1.1	<0.1	<0.05	0.6	9.16	5.3	<0.02	<1	0.4	23.4	<10	<2	
J953629	Rock	<0.02	<0.02	4.3	0.2	<0.05	0.2	8.53	5.0	0.03	7	<0.1	63.6	<10	5	
J953630	Rock	<0.02	<0.02	1.3	<0.1	<0.05	<0.1	10.13	8.3	<0.02	<1	0.2	0.9	<10	<2	
J953631	Rock	0.11	0.03	2.1	0.4	<0.05	2.3	7.20	4.7	<0.02	<1	0.1	43.9	14	7	

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Project: Metla
Report Date: October 23, 2017

QUALITY CONTROL REPORT WHI17000906.1

	Method	WGHT	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	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	2	0.01
Pulp Duplicates																					
J953614	Rock	0.79	4.65	33.95	6.45	5.9	780	45.5	16.2	1827	2.86	56.1	0.9	<0.2	0.1	452.7	0.22	0.38	0.27	132	20.03
REP J953614	QC		4.42	32.50	6.18	6.0	748	44.8	16.0	1696	2.58	52.2	0.8	<0.2	0.1	417.3	0.18	0.39	0.24	112	18.71
J953631	Rock	0.80	0.63	106.58	41.99	56.6	374	9.7	18.7	703	5.64	58.5	0.1	0.8	0.3	80.6	0.28	2.16	0.83	157	1.23
REP J953631	QC		0.57	106.73	41.60	57.4	406	9.2	18.8	694	5.68	59.5	<0.1	0.6	0.3	80.2	0.32	2.18	0.85	155	1.20
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD DS11	Standard		13.41	153.67	147.33	348.4	1807	88.0	13.6	1036	3.17	46.6	2.8	83.3	8.7	66.5	2.55	9.03	13.12	48	1.05
STD DS11	Standard		14.64	152.55	143.01	345.3	1765	80.0	14.4	1066	3.32	43.0	2.8	67.9	8.0	75.4	2.32	8.43	12.39	51	1.10
STD OXC129	Standard		1.23	28.42	6.47	41.5	12	83.1	20.2	423	3.06	0.8	0.7	205.1	1.8	179.9	0.03	0.04	0.03	52	0.64
STD OXC129	Standard		1.24	28.10	6.46	41.2	12	81.1	21.5	433	3.16	0.6	0.7	198.5	1.9	209.5	<0.01	0.03	<0.02	52	0.71
STD OXC129 Expected			1.3	28	6.3	42.9	28	79.5	20.3	421	3.065	0.6	0.72	195	1.9		0.03	0.04		51	0.665
STD DS11 Expected			14.6	156	138	345	1710	81.9	14.2	1055	3.2082	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.4	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
BLK	Blank		<0.01	0.02	<0.01	0.3	<2	<0.1	<0.1	<1	<0.01	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		1.20	6.69	1.04	40.2	11	3.1	4.2	634	1.80	1.6	0.4	<0.2	1.6	39.3	<0.01	0.05	0.03	20	0.86
ROCK-WHI	Prep Blank		0.86	3.05	0.87	35.0	9	1.9	3.9	602	1.73	1.3	0.3	<0.2	1.6	41.7	<0.01	0.04	0.03	18	0.88

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Project: Metla
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QUALITY CONTROL REPORT WHI17000906.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
Pulp Duplicates																					
J953614	Rock	0.046	4.0	8.2	2.71	65.1	0.001	<1	1.03	0.002	<0.01	<0.1	5.5	0.17	2.04	23	1.4	0.08	3.2	0.06	0.1
REP J953614	QC	0.041	3.8	7.4	2.44	58.5	0.001	2	0.95	0.002	<0.01	<0.1	5.0	0.16	1.86	15	1.3	0.07	2.8	0.05	0.1
J953631	Rock	0.056	1.9	19.6	2.05	14.1	0.166	<1	3.37	0.179	0.04	0.3	11.7	0.15	1.44	<5	1.7	0.25	8.7	3.01	0.1
REP J953631	QC	0.054	1.8	20.2	2.06	14.2	0.160	<1	3.38	0.180	0.04	0.3	11.2	0.15	1.44	<5	1.9	0.20	8.7	3.07	0.1
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD DS11	Standard	0.073	18.5	59.0	0.86	362.7	0.098	11	1.11	0.071	0.40	3.2	3.4	5.22	0.28	246	2.5	4.97	4.8	2.92	0.1
STD DS11	Standard	0.072	19.9	61.8	0.85	384.6	0.100	8	1.20	0.075	0.42	3.0	3.5	4.86	0.28	259	2.6	4.55	5.2	2.87	0.1
STD OXC129	Standard	0.094	12.9	53.5	1.54	51.5	0.411	<1	1.51	0.582	0.37	<0.1	0.8	0.04	<0.02	<5	0.1	<0.02	5.5	0.16	<0.1
STD OXC129	Standard	0.100	12.9	55.4	1.55	49.3	0.420	1	1.62	0.599	0.37	0.2	1.0	0.04	<0.02	<5	<0.1	<0.02	5.9	0.15	0.1
STD OXC129 Expected		0.102	13	52	1.545	50	0.4	1	1.58	0.6	0.37	0.08	1.1	0.03					5.6	0.16	
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	300	1.9	4.56	5.1	2.88	0.08
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank	0.038	5.8	2.8	0.54	47.7	0.071	2	1.14	0.061	0.08	<0.1	2.8	<0.02	0.07	<5	<0.1	<0.02	4.2	0.21	<0.1
ROCK-WHI	Prep Blank	0.036	5.6	3.0	0.51	47.9	0.059	2	1.21	0.058	0.08	<0.1	2.8	<0.02	0.09	<5	0.2	<0.02	3.8	0.25	<0.1

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QUALITY CONTROL REPORT WHI17000906.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	MA370
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	W
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01
Pulp Duplicates																
J953614	Rock	0.03	<0.02	<0.1	0.5	<0.05	0.8	7.76	8.9	0.06	4	0.3	12.4	<10	<2	
REP J953614	QC	0.03	<0.02	<0.1	0.4	<0.05	0.7	7.46	8.3	0.04	4	0.3	11.3	<10	<2	
J953631	Rock	0.11	0.03	2.1	0.4	<0.05	2.3	7.20	4.7	<0.02	<1	0.1	43.9	14	7	
REP J953631	QC	0.11	0.03	2.0	0.3	<0.05	2.2	7.11	4.6	<0.02	1	<0.1	43.8	14	6	
Reference Materials																
STD CDN-ME-14	Standard															<0.01
STD CDN-ME-9	Standard															<0.01
STD DS11	Standard	0.06	1.72	34.5	1.8	<0.05	2.8	7.80	36.2	0.21	44	0.4	24.4	102	176	
STD DS11	Standard	0.06	1.66	34.2	2.0	<0.05	3.1	8.80	39.7	0.22	52	0.8	24.3	107	180	
STD OXC129	Standard	0.30	1.45	15.6	0.7	<0.05	19.0	4.78	23.2	<0.02	1	1.1	2.2	<10	<2	
STD OXC129	Standard	0.20	1.08	15.8	0.6	<0.05	16.6	4.93	23.6	<0.02	<1	0.6	2.3	<10	<2	
STD OXC129 Expected		0.24	1.4		0.7		21	4.7	23.7			0.8	2.22			
STD DS11 Expected		0.06	1.53	33.6	1.8		3.1	7.82	37	0.24	50	0.67	23.3	100	172	
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank															<0.01
Prep Wash																
ROCK-WHI	Prep Blank	0.17	0.24	2.1	0.3	<0.05	3.1	7.60	11.2	0.02	<1	0.4	1.2	<10	2	
ROCK-WHI	Prep Blank	0.12	0.23	2.0	0.2	<0.05	2.9	7.12	11.1	<0.02	<1	0.3	1.2	<10	<2	