Technical Report on the Meteor Project

Omineca Mining Division
Tenure Numbers:
855355, 855360, 855363, 855366

UTM Zone 10
Easting 312500
Northing 5956000
(NAD 83)
NTS: 093F/12

Work performed July 27-September 15, 2012 and
June 27- July 15, 2013
By Ken Galambos, Ralph Keefe, Brian Keefe

For
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October 28, 2013

Item 1: Summary

The Meteor property lies in central British Columbia, approximately 58 kilometres south of Bums Lake, B.C. The claims cover an area of 1186.5ha on the north side of Ootsa Lake and are bisected by both the East Ootsa and the Marilla roads on NTS map sheet 93 F/12. The property is located approximately 80km to the northwest of the Blackwater-Davidson (5.5 million ounce gold) discovery now owned by New Gold Inc.

Topography consists of gently rolling northeast oriented hills with elevations ranging from approximately 900m at lake level to 980m on the hill tops in the northeast comer of the property. Glacial cover is extensive with limited outcrop on the property.

The Meteor property lies within the central portion of the Stikine Terrain, which locally consists of three volcanic-stratigraphic groups ranging in age from Jurassic to Miocene. An Eocene extensional tectonic event, which resulted in basin and range type topography, is associated with epithermal, volcanic-hosted gold mineralization. The claims are located near the southwestern border of the Cheslatta Caldera Complex on the northwestern extension of the Nechako Arch. The property is underlain by Late Cretaceous Kasalka Group coarse clastic sedimentary rocks; Eocene, Nechako Plateau Group - Endako Formation andesitic volcanic rock and Ootsa Lake Formation -rhyolite, felsic volcanic rocks and Miocene Chilcotin Group, Cheslatta Lake Complex alkaline volcanic rocks.

The property covers potential epithermal gold and porphyry copper molybdenum targets as outlined by previous ground IP and airborne magnetic and gravity surveys. A total of 6 rock samples were collected on and around the property in 2012 and 118 humus samples and 10 rock samples were collected over the property in the 2013 season following consultation with surface rights holders in the area. Full support was given by these land owners for the present program.

The claims are 100% owned by the author, in partnership with Ralph Keefe of Francois Lake.

It is the author’s belief that previous exploration programs on the Meteor property demonstrate the potential for significant epithermal style gold mineralization and possibly porphyry copper-molybdenum mineralization. Additional exploration in the form of geological and geochemical surveys and drilling is warranted to determine if one or more economic mineralized bodies are present within the existing property boundaries.

Item 2: Introduction

This report is being prepared for the author for the purposes of filing assessment on the claims comprising the Meteor property and to create a base from which further exploration will be completed.

2.1 Qualified Person and Participating Personnel

Mr. Kenneth D. Galambos P.Eng., Ralph Keefe and Brian Keefe conducted the current exploration program to follow up previous prospecting, geophysical and geochemical surveys conducted on the property and to make recommendations for the next phase of exploration work in order to test the economic potential of the area.

This 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 interpretation of technical data covering the property, a brief sampling program in 2012 and a wide spaced humus sampling program conducted during the summer of 2013. This evaluation was completed by the author over a time period from July 27, 2012-July 15, 2013.

2.2 Terms, Definitions and Units

- All costs contained in this report are denominated in Canadian dollars.
- Distances are primarily reported in metres (m) and kilometers (km) and in feet (ft) when reporting historical data.
- GPS refers to global positioning system.
- Minfile showing refers to documented mineral occurrences on file with the British Columbia Geological Survey.
- The term ppm refers to parts per million, equivalent to grams per metric tonne (g/t).
- ppb refers to parts per billion.
- The abbreviation oz/t refers to troy ounces per imperial short ton.
- The symbol % refers to weight percent unless otherwise stated. 1% is equivalent to 10,000ppm.
- Elemental and mineral abbreviations used in this report include: arsenic (As), copper (Cu), gold (Au), iron (Fe), lead (Pb), molybdenum (Mo), zinc (Zn), chalcopyrite (Cpy), molybdenite (MoS2) and pyrite (Py).

2.3 Source Documents

Sources of information are detailed below and include the available public domain information and private company data.

- Research of the Minfile data available for the area at http://www.empr.gov.bc.ca/Mining/Geoscience/MINFILE/Pages/default.aspx
- Research of mineral titles at https://www.mtonline.gov.bc.ca/mtov/home.do
- Review of company reports and annual assessment reports filed with the government at http://www.empr.gov.bc.ca/Mining/Geoscience/ARIS/Pages/default.aspx
- Review of geological maps and reports completed by the British Columbia Geological Survey at

http://www.empr.gov.bc.ca/Mining/Geoscience/MapPlace/MainMaps/Pages/default.aspx

- Published scientific papers on the geology and mineral deposits of the region and on mineral deposit types.

2.4 Limitations, Restrictions and Assumptions

The author has assumed that the previous documented work in the area of the property is valid and has not encountered any information to discredit such work.

2.5 Scope

This report describes the 2012 and 2013 work programs, geology, previous exploration history, interpretation of regional geophysical and geochemical surveys, and the mineral potential of the Meteor project. Research included a review of the historical work that related to the immediate and surrounding areas. 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.

Item 3: Reliance on Other Experts

Some data referenced in the preparation of this report was compiled by geologists employed by various companies in the mineral exploration field. These individuals would be classified as “qualified persons” today, although that designation did not exist when some of the historic work was done. The author believes the work completed and results reported historically to be accurate but assumes no responsibility for the interpretations and inferences made by these individuals prior to the inception of the “qualified person” designation.

Item 4: Property Description and Location

The Meteor property consists of 4 claims covering an area of 1186.5ha (62 cells), on the north shore of Ootsa Lake in central British Columbia, 58km south of the community of Burns Lake. The claims lie within the 093F/12 1:50,000 mapsheet within the Nechako plateau. The property is centered at UTM Zone 10 (NAD 83) 312500E, 5956000N and is located approximately 80km to the northwest of the Blackwater-Davidson (5.5 million ounce gold) discovery now owned by New Gold Inc.

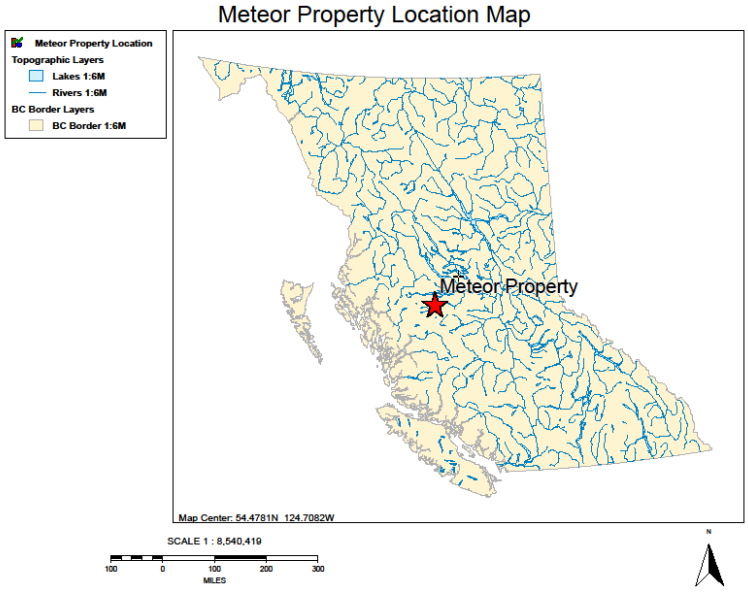

Fig. 1: Meteor Project location map

Upon acceptance of this report, the highlighted mineral tenures will have their expiry dates moved to May 10, 2020 and October 11, 2016 as indicated.

Table 1: Claim Data

Tenure #	Claim name	Issue date	Expiry date	# of cells	# hectares	Registered Owner
855355	Meteor	2011/may/21	**2020/may/10**	25	478.37	Galambos, Kenneth D.
855360	Meteor	2011/may/21	**2016/oct/11**	25	478.44	Galambos, Kenneth D.
855363	Meteor	2011/may/21	**2016/oct/11**	7	133.99	Galambos, Kenneth D.
855366	Meteor	2011/may/21	**2016/oct/11**	5	95.70	Galambos, Kenneth D.
				62	1186.50	

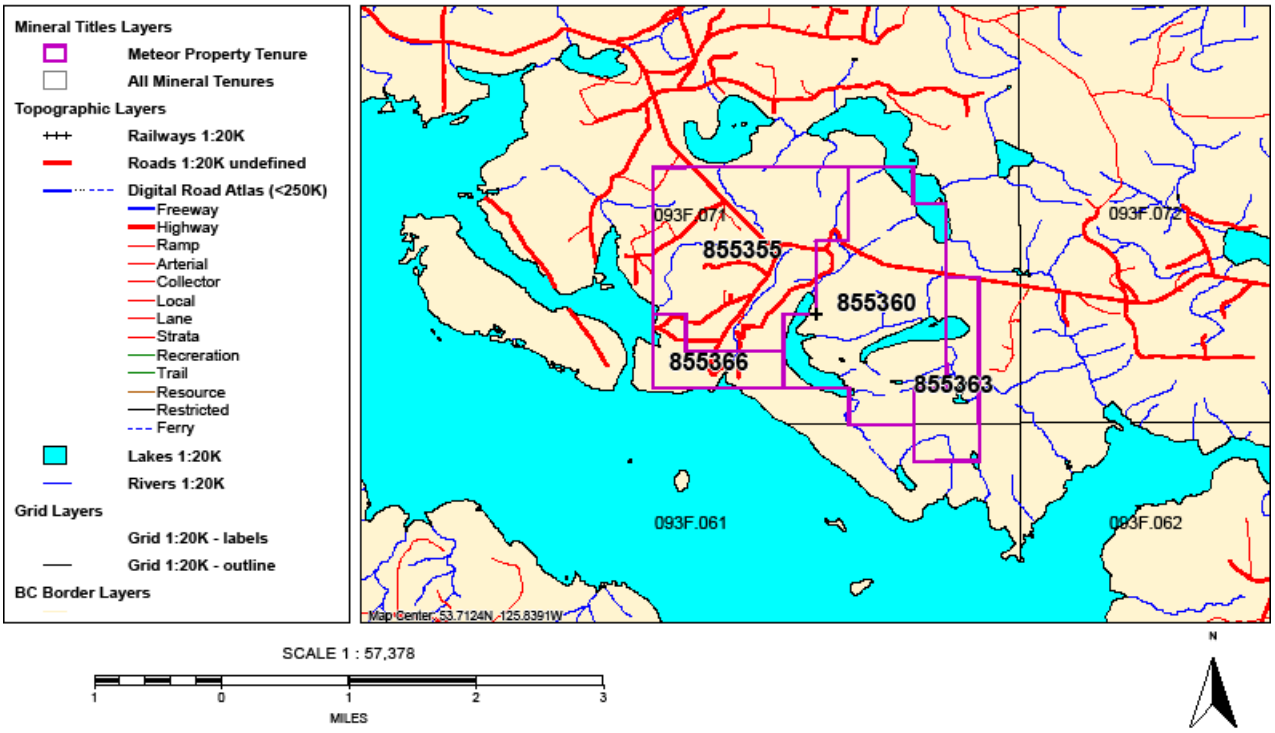

Fig. 2: Meteor Project Claim Map

The Claims comprising the Meteor property as listed above are being held as an exploration target for possible hardrock mining activities which may or may not be profitable. Any exploration completed will be subject to the application and receipt of necessary Mining Land Use Permits for the activities recommended in this report. There is no guarantee that this application process will be successful.

The Claims lie in the Traditional territories of a number of local First Nations and to date no dialog has been initiated with these First Nations regarding the Meteor property. There is no guarantee that approval for the proposed exploration will be received.

Item 5: Accessibility, Climate, Local Resources, Infrastructure and Physiography

The Meteor property lies in central British Columbia, approximately 58 kilometres south of Bums Lake, B.C. Access from Burns Lake is 24km via Highway 35 to Francois Lake and then across the ferry to South Bank. Follow Keefe's Landing Road for 31km to the north shore of Ootsa Lake. The property straddles the East Ootsa Road a further 17km to the east. The Marilla road cuts through the western claims to the shore of Ootsa Lake on NTS map sheet 93 F/12.

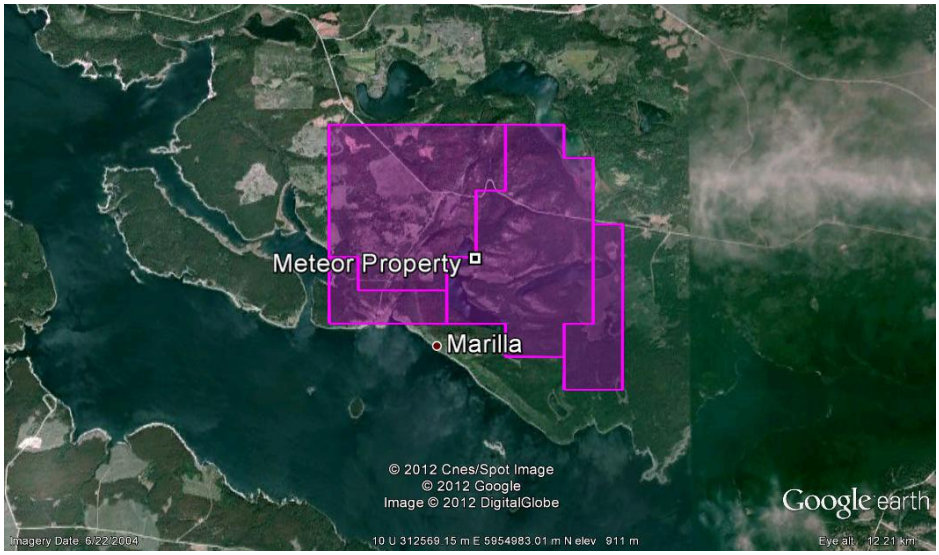

Plate 1: Satellite Image of Meteor Project

The climate is typical of central British Columbia with below freezing temperatures (0º C to -40º C) from November to April and periods of hot weather in the summer ranging from 20º to 40º C. Precipitation averages 460.8 millimetres a year, with a substantial portion in the form of snow. The table below summarizes the average and record high and low temperatures at the nearby community of Burns Lake.

Table 2: Climate data for Burns Lake

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Record high °C (°F)	11 (52)	10.3 (50.5)	15.4 (59.7)	27.3 (81.1)	34 (93)	33.3 (91.9)	32.8 (91.0)	33.4 (92.1)	30.9 (87.6)	25.6 (78.1)	14.5 (58.1)	11.3 (52.3)	34 (93)
Average high °C (°F)	−5.7 (21.7)	−1.5 (29.3)	4.4 (39.9)	9.8 (49.6)	14.6 (58.3)	18 (64)	21 (70)	20.7 (69.3)	16.1 (61.0)	9.5 (49.1)	0.2 (32.4)	−5.3 (22.5)	8.5 (47.3)
Average low °C (°F)	−15.3 (4.5)	−13.3 (8.1)	−8.4 (16.9)	−2.9 (26.8)	2 (36)	5.4 (41.7)	7.6 (45.7)	7.1 (44.8)	3.7 (38.7)	0.2 (32.4)	−6.6 (20.1)	−14.1 (6.6)	−2.9 (26.8)
Record low °C (°F)	−46.7 (−52.1)	−40 (−40)	−40 (−40)	−18.9 (−2.0)	−7 (19)	−2.2 (28.0)	−0.6 (30.9)	−0.8 (30.6)	−8.9 (16.0)	−21.5 (−6.7)	−37.3 (−35.1)	−42.7 (−44.9)	−46.7 (−52.1)
Precipitation mm (inches)	41.1 (1.618)	27.2 (1.071)	25.1 (0.988)	16.7 (0.657)	35.1 (1.382)	51.2 (2.016)	43.3 (1.705)	42.8 (1.685)	41.4 (1.63)	44.6 (1.756)	48.2 (1.898)	44.1 (1.736)	460.8 (18.142)

Source: Environment Canada[2]

The property is situated on the north Shore of Ootsa Lake which is part of the Nechako Reservoir. Topography consists of gently rolling northeast oriented hills with elevations ranging from approximately 900m at lake level to 980m on the hill tops in the northeast comer of the property. Glacial cover is extensive with limited outcrop on the property.

Lodging, groceries, a helicopter charter company and building supply stores are available in the small community of Burns Lake while nearby centers such as Smithers and Terrace host regional airports serviced from Vancouver, diamond drilling and exploration service companies.

Item 6: History

There is very little documented history of the immediate claim area other than the Geophysical IP surveys conducted by CM Meteor Resources Limited in 2007 and various surveys by the author since that time. A brief description of the gold exploration programs conducted by major mining companies in the Ootsa Lake area follows:

1980-1994, Amax Exploration Ltd./A&M Exploration/Asitka Resources Corp./Chalice Mining Inc./Pacific Comox Resources Ltd.

Amax staked claims in the Uduk Lake area just south of the Loon property. The claims were allowed to lapse by Amax and were subsequently re-staked by A&M Exploration as the Duk claims to cover a large area of argillized, quartz-veined, and locally brecciated rhyolitic volcanic rocks. In 1984, geochemical sampling identified anomalous areas of molybdenum (up to 44 ppm), silver (up to 3.6 ppm), gold (up to 700 ppb), arsenic (up to 100 ppb), lead (up to 68 ppm) and zinc (up to 464 ppm) in soil and rock. B-horizon soil sampling was determined not to be effective in identifying underlying values in bedrock due to the often thin (<2m) but widespread glacial till present on the property. Sampling the following year returned results of up to 3800 ppb Au from grab samples of intensely quartz-veined rhyolite. A short winky drill program, in 1986 returned 1600ppb Au/1m, at a depth of 5m. Chip sampling in 1994 returned 0.41g/t Au over 42m from trench 94-4 and grab samples to 5.7g/t Au.

1986-1988 Newmont Exploration of Canada Limited

Reconnaissance fieldwork was initially carried out by Newmont in the summer of 1986 and later that year a full compilation was completed. The study concluded that the area cited favourable target areas for volcanic-hosted epithermal precious metal deposits near intersecting Late Cretaceous and Tertiary related structures. The Nechako River map sheet displayed the greatest concentration of lineaments and potential targets within felsic volcanic flows of the Oosta Lake Group. Regional exploration in the Lucas lake area was conducted in 1986 and continued in 1987. The programs consisted of prospecting, soil and stream geochemistry, rock chip sampling, and geophysical surveys including magnetic and electromagnetic resistivity surveys over 27.9 line kilometres.

1987-1991 Mingold (Subsidiary of Hudson's Bay Mining and Smelting)

Mingold staked the Barb 1 and Rhub 1 to 14 claims in 1986 and during the following two years conducted programs of geochemistry, trenching (1,405 meters), geophysics, geological mapping and reverse circulation drilling totalling 1,214.9 meters and diamond drilling totalling 1,036.9 meters. The most significant results from this program were a grab sample from the Silver zone which ran 18.32 ounce per ton silver, a 7.0 meter wide zone from trench MBHT-6 which averaged 4.73 ounce per ton silver and 0.017 ounce per ton gold, and 0.209 ounce per ton gold over 1.52 meters in diamond drill hole SDH-

9. In 1989 Mingold contracted Target Surveys to conduct a 24.87 line-kilometre Induced Polarization survey. In 1991 the claims were optioned to Equity Silver Mines who conducted exploring based on the Mia prospecting gold successes. During this follow up work several showings displaying epithermal alteration were discovered, most of the development work conducted during this phase was concentrated on the Silver Discovery zone and the Barb zone. Equity Silver drilled 3093.5 feet of diamond drilling, intersecting values of up to 1.03 g/t gold and 71.0 g/t silver over narrow widths.

1988-1994, Mingold/Hudson Bay Mining and Smelting Ltd.

In 1988, Mingold staked the Loon claims after tracing mineralized epithermal boulders south of Ootsa Lake up-ice to outcroppings of similar material which contained up to 1026 grams per tonne silver and 5.4 grams per tonne gold. In 1990, a small VLF-EM resistivity survey was completed and succeeded in outlining two distinct anomalous zones which coincided with the known areas of silicification and precious metal mineralization. In 1994, Hudson Bay Mining and Smelting completed 773.4 metres of diamond drilling in 5 holes, testing IP anomalies. In 1996, a further 6 holes, totalling 1610 metres were completed, testing deeper IP targets. Trenching exposed cream coloured rhyolite to dacite that is variably silicified and argillically altered. Silica occurs as quartz-chalcedony veinlets, lenses and drusy cavities in clay altered volcanic rock. Pyrite (and marcasite?) is the only observable sulphide and is present in trace amounts to 5 per cent. Sulphides vary from coarsely crystalline to very fine grained and locally exhibit colloform banding. Gold and silver mineralization appears to be related to the presence of dark grey chalcedony. A 2-metre channel sample from trench 89-9 assayed 0.22 grams per tonne gold and 4.5 grams per tonne silver. In 1994, a sample across 2.35 metres in DD94-4 assayed 4.25 grams per tonne gold and 29.7 grams per tonne silver. Soil surveys suggested that epithermal mineralization associated with the western most trenches (TR88-4, 5, 6) trends at approximately 020° AZ over a distance of 300m and possibly 1100m. Mingold ceased operations in 1990 and no further work was done. The Loon 2 claim was transferred to Hudson Bay Exploration in 1993.

1992-1994 Cogema Resources Ltd.

In 1992 Cogema Resources began exploring the area by conducting a regional till geochemical and prospecting program covering the entire Nechako basin. Results from this work lead to the company acquiring several mineral claims through staking throughout the area specifically the Snag, Yellow Moose and Cutoff claims. In 1993 an airborne magnetometer and electromagnetic survey covering the Yellow Moose property totalling 377 line-kilometers was completed. In the summer of that year follow up prospecting, geological mapping, and till geochemistry were conducted over the property. In late 1993 Cogema staked the Lucas Lake, Lucas West, and the Saunders claims primarily based on data released from the B.C. Provincial government's RGS data. The 1994 program for the area included 353 metres of trenching, and 625.7 meters of diamond drilling. Work on the Lucas and Saunders properties consisted of till sampling and prospecting.

1995 Phelps Dodge Corporation of Canada

Phelps Dodge optioned Cogema's claims in the area and conducted soil geochemistry, rock sampling, prospecting and geological mapping during the summer of 1995. In the summer of 1996 the company conducted an Induced Polarization/ resistivity survey on the Yellow Moose Claims.

2007 CM Meteor Resources Ltd.

CM completed 82.05 line-kilometers of cut grid as a base for follow up 3D Induced Potential (IP) geophysical surveys on their Meteor property located on the north shore of Ootsa Lake. This survey outlined significant overlapping, km-scale, Chargeability and Resistivity anomalies that extended from a depth of 50m to in excess of 400m. No additional exploration was completed on the claims by the company.

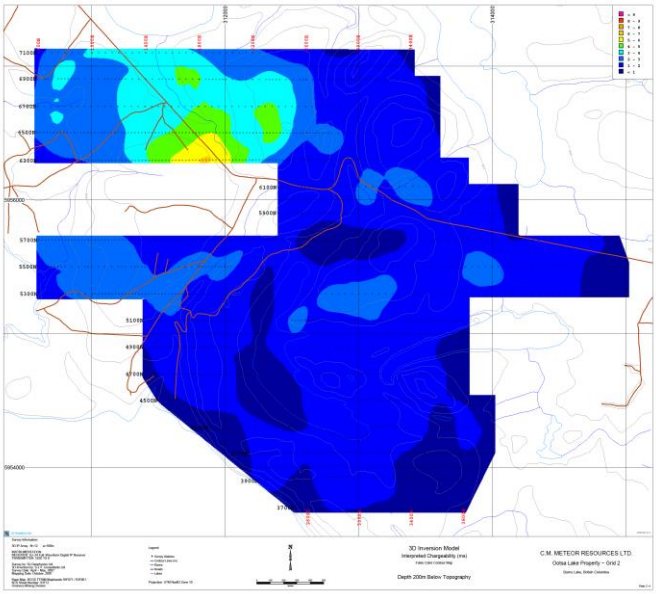

Figure 3: IP Chargeability at 250m depth

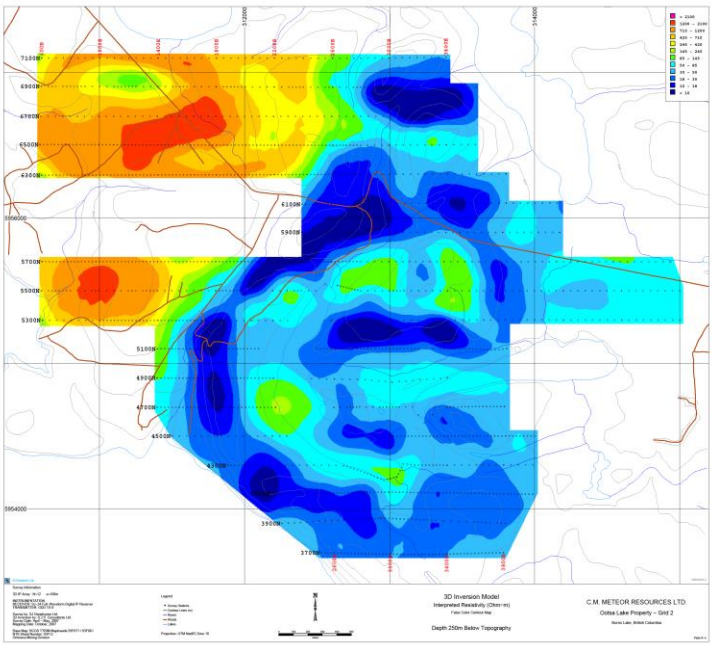

Figure 4: IP Resistivity at 250m depth

2010-Present, RKG Exploration

The Meteor property was staked by the author upon its lapsing and has been held since that time. In 2010, an MMI orientation survey was completed across the overlapping IP anomalies discovered by CM Meteor Resources Ltd. in an effort to see through the glacial till present in the area. MMI results were successful in identifying an area with Response Ratios of 24 x background in gold overlying the large IP anomalies present. A second area on the flank of the 1st vertical derivative magnetic low anomaly from government airborne surveys returned Response Ratios of 21 x background molybdenum, 30 x background in uranium and 6 x background gold.

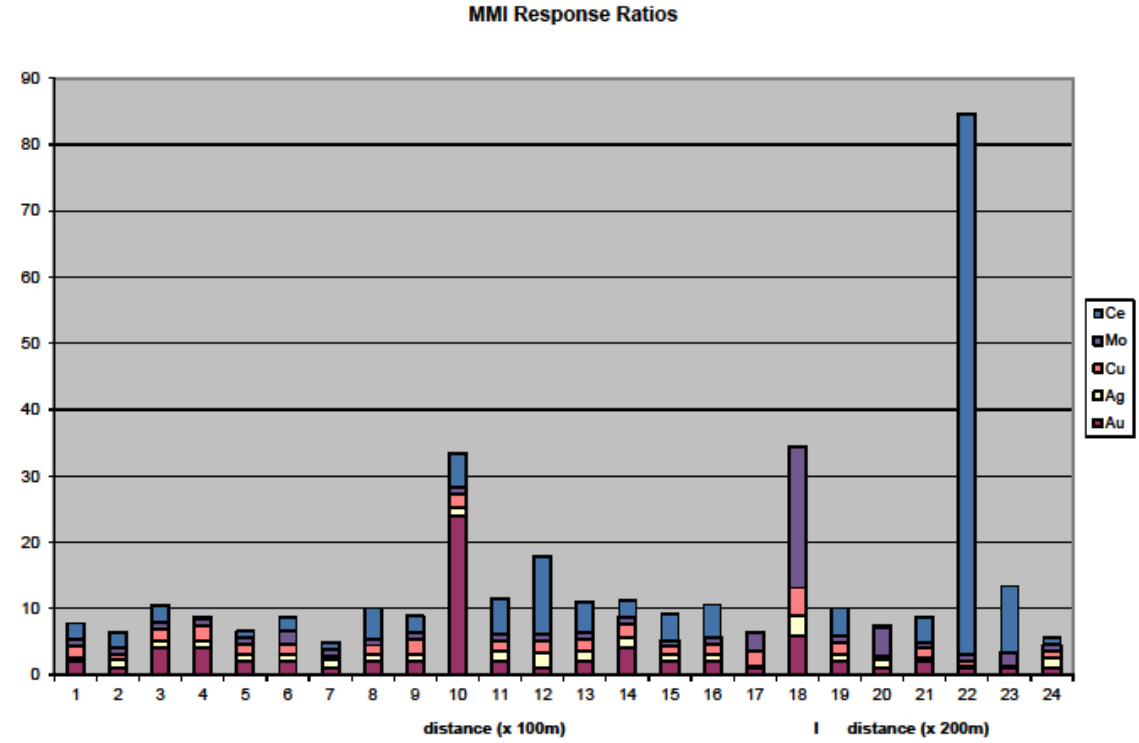

Figure 5: Stacked Response Ratios showing anomalous values.

Plate 2: Float sample highly anomalous in molybdenum

Prospecting down ice from these anomalies found mineralized, sub-angular, epithermal breccia cobbles and boulders such as those in the following images. The rocks returned highly anomalous values in molybdenum (124.1ppm) and copper (521ppm) and weakly anomalous values in gold (0.051ppm). Most of the epithermal showings in the Ootsa Lake area have highly anomalous molybdenum values. The sample with anomalous copper is believed to be associated with a porphyry target as identified by 1st vertical derivative magnetic and gravity data from the Quest West surveys found on MapPlace.

Plate 3: Epithermal breccia boulder weakly anomalous in gold

PIMA Spectral analysis of the brecciated sample 42425 identified the clay minerals Kaolinite/Illite/Goethite/Jarosite and altered sulfides.

Item 7: Geological Setting and Mineralization

7.1 Regional Geology

The Tertiary geologic elements of the Nechako Basin are part of a regional extensional system that extends from the Republic area of northern Washington State, northwesterly for some 1000 kilometres into the Babine district of north central British Columbia. This belt trends northwest with approximate dimensions of 1000km x 200km. It crosses major terrane boundaries and underlies the Quesnel, Kootenay and Omineca Terranes in the south and the Stikine Terrane in the north, crossing the oceanic Cache Creek Group. It overlaps the southern margin of the Bowser Basin where it continues northward as a thin strip along the eastern margin of the Coast Range.

Stratigraphic and intrusive rocks in the Stikine Terrane range in age from Palaeozoic to Pleistocene. With respect to the Eocene mineral setting, the geologic elements of the Stikine Terrane may be divided into three separate packages: basement rocks, latest Upper Cretaceous-Eocene rocks associated with mineralization, and cover rocks.

Table 3. Main Geologic Map Units of the Nechako Basin

Stratified Rocks	Intrusive and Metamorphic Rocks
11. Anahim Volcanics (Pliocene-Pleistocene)	
10. Chilcotin Volcanics (Miocene)	
9. Endako Group (Eocene-Oligocene)	
8. Ootsa Lake Group (Eocene and Paleocene) gabbro)	G. Eocene (stocks, plugs, dykes, rhyolite, felsite, porphyry, diorite,
7. Kasalka-Kingsvale Groups (Upper Cretaceous) quartz monzonite)	F. Upper Cretaceous-Paleocene (Quanchus Intrusions: stocks and batholiths, diorite to
6. Skeena-Jackass Mountain Groups (Lower Cretaceous) complex))	E. Mid-Cretaceous (mainly tonalite to quartz monzonite of Coast Range
5. Gambier Group (Upper Jurassic-Lower Cretaceous) includes quartz-feldspar porphyry)	D. Jurassic-Cretaceous (François Lake Batholith; quartz diorite to granite,
4. Relay Mountain-Bowser Groups (Upper Jurassic-Lower Cretaceous)	
3. Hazelton Group (Lower and Middle Jurassic)	C. Middle Jurassic (locally foliated granodiorite and quartz monzonite)
2. Stuhini Group (Upper Triassic)	
1. Cache Creek Group (Upper Palaeozoic)	B. Permian (mainly granodiorite in lower Chilcotin River)
	A. Metamorphic Rocks (gneiss, schist, metavolcanics, cataclasites

Basement Rocks - **Lower Upper Cretaceous and Older**
Basement rocks to the Tertiary in the Nechako Basin comprise Upper Triassic to lower Upper Cretaceous strata grouped into two major time-stratigraphic assemblages.

The oldest assemblage consists of arc volcanics of Upper Triassic to Middle Jurassic age that includes limestone, volcanics and sediments of the Upper Paleozoic Cache Creek Assemblage, submarine and marine island arc volcanics and sediments of the Carnian to Norian subalkaline, basaltic Stuhini (Takla) Group, and the Sinemurian to Bajocian calc-alkaline Hazelton Group.

The arc volcanic assemblages are overlain by two sedimentary assemblages; the Middle Jurassic to Lower Cretaceous Bowser Lake Group and the Lower and Upper Cretaceous Skeena Group. Deltaic assemblages of the Bowser Lake Group were deposited mainly in the Bowser Basin to the north of the Nechako reconnaissance area, except for its basal beds. These basal beds belong to the Ashman Formation and represent a black clastic-chert pebble conglomerate unit that covers much of the Stikine Terrane. Marine and nonmarine sediments of the Neocomian to Cenomanian Skeena and Jackass Mountain Groups blanketed much of the Stikine Terrane and sourced from the east, off the Cache Creek, Quesnel and Omineca Terranes. The blanket of Skeena Group clastics across Stikinia outlines a regional datum to which deformation and deposition of younger strata may be related. This surface represents one of three main erosional surfaces in central BC.

The basement rocks have been affected by regional compressive tectonics. Westerly verging compression along the east margin of the Stikine Terrane, associated with the amalgamation of Stikinia, Quesnellia and the Cache Creek Terranes to the North American Craton, affects rocks as young as Upper Jurassic. Easterly verging compression along the west margin of the Stikine Terrane, associated with the amalgamation of the Wrangellia with Stikinia affects rocks as young as Late Cretaceous.

Intrusive rocks associated with the basement strata include the Upper Jurassic-Lower Cretaceous François Lake intrusions to the northeast of the reconnaissance area, and mid-Cretaceous plutons of the Coast Crystalline Complex.

Many of the northwest and northeast trending fault zones that control the distribution of the Tertiary geologic elements are fault zones whose activity can be traced back to the Upper Triassic and Lower Jurassic.

Upper Cretaceous to Miocene
The Upper Cretaceous to Eocene metallogenic event is associated with three stratigraphic assemblages, the late Upper Cretaceous andesitic Kasalka Group, the felsic Eocene Ootsa Lake Group and the basaltic Eocene to Oligocene Endako Group. These assemblages represent a generalized cycle of early andesitic volcanism, explosive felsic volcanism, bimodal felsite-basic volcanism and later basic volcanism. The early andesitic Kasalka Group, and the felsic Ootsa Lake Group strata were

deposited in calderas and caldera complexes. The distribution of the older facies of the Endako Group are in part controlled by the felsic calderas. The felsic calderas are large, composite features that may measure more than 50 kilometres in diameter and are nested caldera complexes. The volcanic assemblages are associated with a fault array whose main expression is extensional. This sequence of caldera associated volcanism and extensional faulting is a common sequence through the length of the extensional belt, from the Mexican border to Babine Lake and is associated with a vast array of significant mineral deposits.

The Kasalka Group volcanics (McIntyre, 1985) occur as a number of caldera basins throughout west-central British Columbia, on the Stikine Terrane, between the Blackwater Linear zone and the north flank of the Skeena Arch. They are mainly feldspathic andesitic volcanics but local basins include explosive and passive felsic volcanism. They are associated with granodioritic stocks and-plugs of the Quanchus and Bulkley Intrusions. In a number of locations in central BC, red and green polylithic volcanic and granitic cobble conglomerate underlies basal Kasalka strata. The age of the Kasalka volcanics and associated intrusives range from 85My to 60My and fall mainly in the 72 to 67My interval.

The Ootsa Lake Group volcanics (Duffel, 1959) are typified by light coloured felsic volcanics. They underlie broad areas of the southern Stikine Terrane from Babine Lake to the Chilcotin River and include a variety of depositional types. They occur in structurally controlled basins and in large caldera complexes. Two caldera complexes underlie the Nechako Reconnaissance area, the Mt. Dent Caldera Complex in the south and the Cheslatta Caldera Complex in the north. Subvolcanic intrusives are common; coeval plutonic rocks are rare within the caldera complexes but common in the basement. The Ootsa Lake Group ranges in age from 58 to 47My with the interval of 52 to 48 My representing timing of the main felsic eruptive events.

The Endako Group (Armstrong, 1949) is a wide-ranging assemblage of mainly basaltic rocks. In a general sense, the Endako Group overlies and is younger than the Ootsa Lake Group. Basaltic and andesitic rocks are commonly associated with felsic rocks in the calderas. Ages of the Endako Group show a range from 50 to 37My. The early basaltic rocks of the Endako Group overlap in both ages and depositional sites with the felsites of the Ootsa Lake Group. Although the Ootsa Lake Group and the early Endako Group are mapped as separate entities, the interval of their coincidence in space and time infers a genetic relationship.

Post-Ootsa Lake Group basaltic volcanism occurred intermittently throughout the area, from 45My to Recent. (Mathews, 1984 and 1989; Rouse, 1988). Basaltic volcanics younger than 35My are correlated with the Chilcotin Group. Felsic volcanics are known to be locally associated with intervals of this basalt event but no significant centre has yet been recognized.

Pliocene-Pleistocene

Outcrops of the Anahim Group peralkaline basalts have been observed in two locations of the South area: west of Nazko, a 3-km wide cinder cone overlies glacial till, and a few outcrops were found in the Moore Creek area.

"During the Pleistocene all of Central British Columbia was covered by glacier ice that molded a multitude of features from which the glacial events can be interpreted" (Tipper, 1971). The bulk of glacial features in Central British Columbia have been produced by the Fraser Glaciation, the last major advance. Minor late re-advances are observed around the Anahim volcanoes and along the Coast Ranges.

Within the study area glacial transport direction varies from N O° to 30°, south of the Blackwater lineament, to N 60° to 90° north of it. Glacial deposits consist mostly of lodgement till with some areas of ablation till, esker systems, and fluvio-glacial material. A thin veneer of ablation till may occasionally overlie lodgement till. There are no extensive glacial lake deposits (sands and clays). Evidence of multiple glaciations have been observed in a few localities in the form of lodgement till overlying fluvio-glacial deposits.

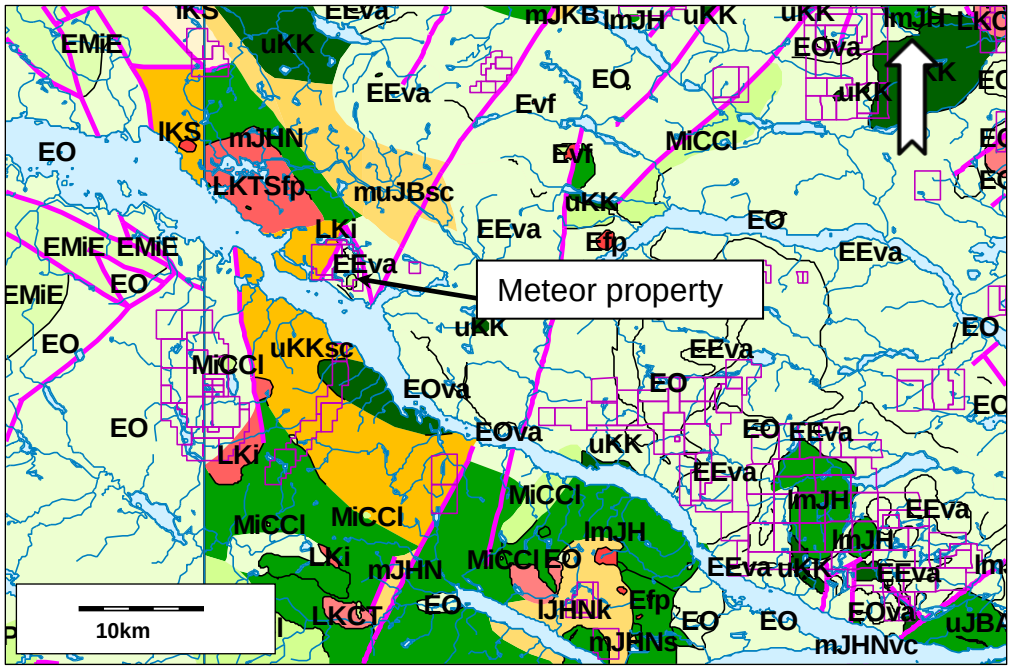

Figure 6: Regional Geology map

7.2. Regional Structure

The Nechako Basin is within the Intermontane Belt of the Canadian Cordillera, mainly on the Stikinia Terrane, but overlapping onto the Cache Creek Terrane. *"A regional dextral transcurrent strain regime appears to have been important in the evolution of early Cenozoic structures in the southern part of the Intermontane Belt... These structures have been related to right lateral transform motions and to regional extension"* (Gabrielse et al., 1992). This regime resulted in alternating basins and arches along the Intermontane Belt: Nechako Basin, Skeena Arch, Bowser Basin, and Stikine Arch (Figure 4). The Nechako Basin can be assimilated to a pull-apart basin formed between the Fraser River Fault System and the Coast Range Megalineament or one of its parallel structures extending north from the Yalakom Fault. The internal structure of the Nechako Basin reflects the same structural regime.

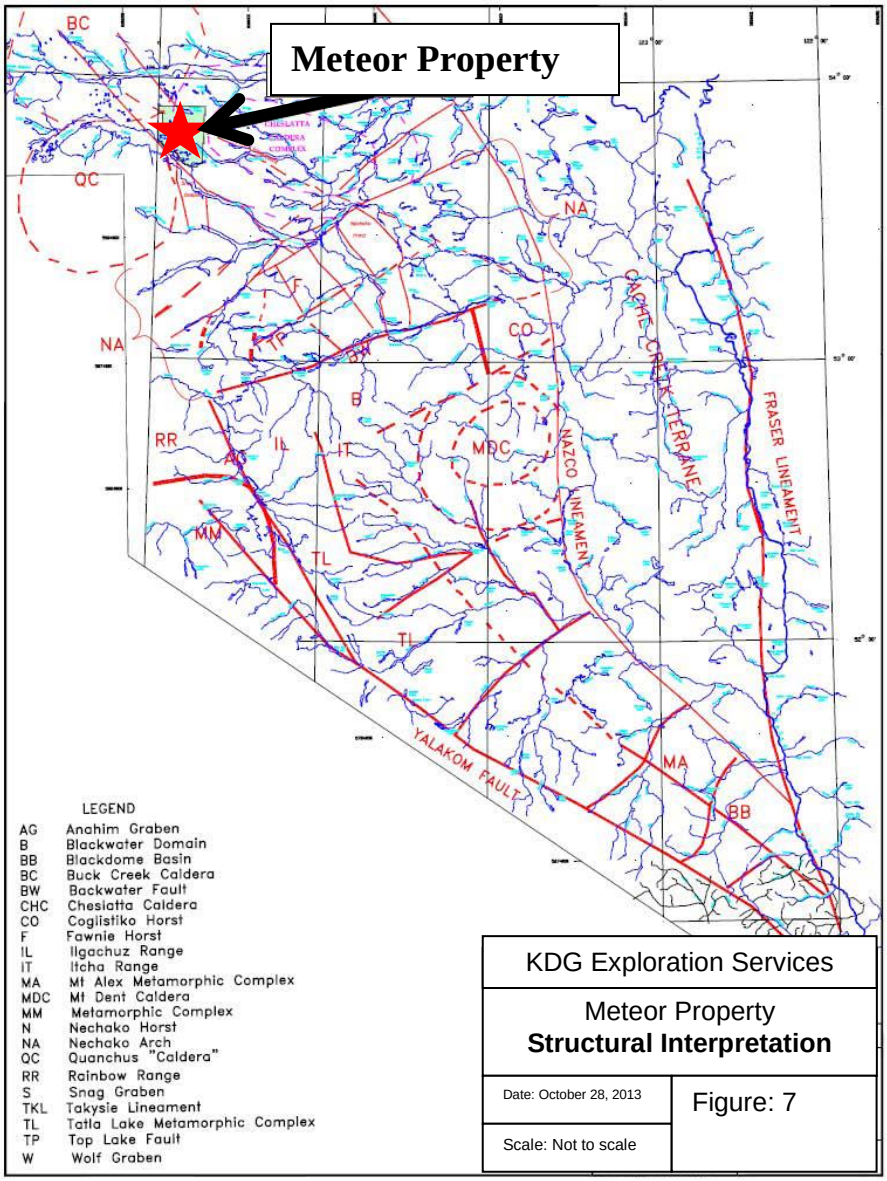

Table 4

Geology Legend

Bounding Box: *North: 53.896 South: 53.430 West: -126.238 East: -125.026*

NTS Mapsheets: 093E, 093F

Miocene to Pleistocene

Chilcotin Group

MiPlCvb basaltic volcanic rocks

Miocene

MiCCl **Cheslatta Lake Complex:** alkaline volcanic rocks

Eocene to Lower Miocene

Endako Group

EMiE basaltic volcanic rocks

Eocene to Oligocene

Nechako Plateau Group

EOva **Ootsa Lake Formation:** andesitic volcanic rocks

EO **Ootsa Lake Formation:** rhyolite, felsic volcanic rocks

Eocene

Efp feldspar porphyritic intrusive rocks

Egb gabbroic to dioritic intrusive rocks

Egr granite, alkali feldspar granite intrusive rocks

Evf intrusive rocks, undivided

Goosly Plutonic Suite

EGo monzodioritic to gabbroic intrusive rocks

Nechako Plateau Group

EEva **Endako Formation:** andesitic volcanic rocks

EOvc **Ootsa Lake Formation:** volcaniclastic rocks

Ootsa Lake Group

EO rhyolite, felsic volcanic rocks

Late Cretaceous to Pliocene

LKTSfp **Skins Lake Pluton:** feldspar porphyritic intrusive rocks

LKi intrusive rocks, undivided

Late Cretaceous

LKH **Holy Cross Pluton:** feldspar porphyritic intrusive rocks

LKCL **Cabin Lake Pluton:** quartz monzonitic to monzogranitic intrusive rocks

Chelaslie River-Tetachuck Lake Plutonic Suite

LKCT dioritic intrusive rocks

Kasalka Group

uKK andesitic volcanic rocks

uKKsc coarse clastic sedimentary rocks

Lower Cretaceous

Skeena Group

lKS undivided sedimentary rocks

Middle Jurassic to Late Cretaceous

Bowser Lake (or Skeena Group?)

mJKB coarse clastic sedimentary rocks

Middle to Late Jurassic

Bowser Lake Group

muJBsc coarse clastic sedimentary rocks

uJBAmsc **Ashman Formation:** coarse clastic sedimentary rocks

muJBF **Fawnie Volcanics:** undivided volcanic rocks

Middle Jurassic

Hazelton Group

mJHNs **Naglico Formation:** undivided sedimentary rocks

mJHN **Naglico Formation:** undivided volcanic rocks

mJHNvc **Naglico Formation:** volcaniclastic rocks

Early to Middle Jurassic

lmJH undivided volcanic rocks

Early Jurassic

lJHNk **Nechako Formation:** marine sedimentary and volcanic rocks

Lower Jurassic

lJHT **Telkwa Formation:** calc-alkaline volcanic rocks

Upper Triassic

Stuhini Group

uTrSsv marine sedimentary and volcanic rocks

7.3 Property Geology

The geology covered by the Meteor claims appears quite simple, as shown on MapPlace, and consists of Late Cretaceous Kasalka Group coarse clastic sedimentary rocks; Eocene, Nechako Plateau Group - Endako Formation andesitic volcanic rock and Ootsa Lake Formation-rhyolite, felsic volcanic rocks and Miocene Chilcotin Group, Cheslatta Lake Complex alkaline volcanic rocks. Many of the geologic contacts are inferred in that much of the area is covered by extensive glacial cover.

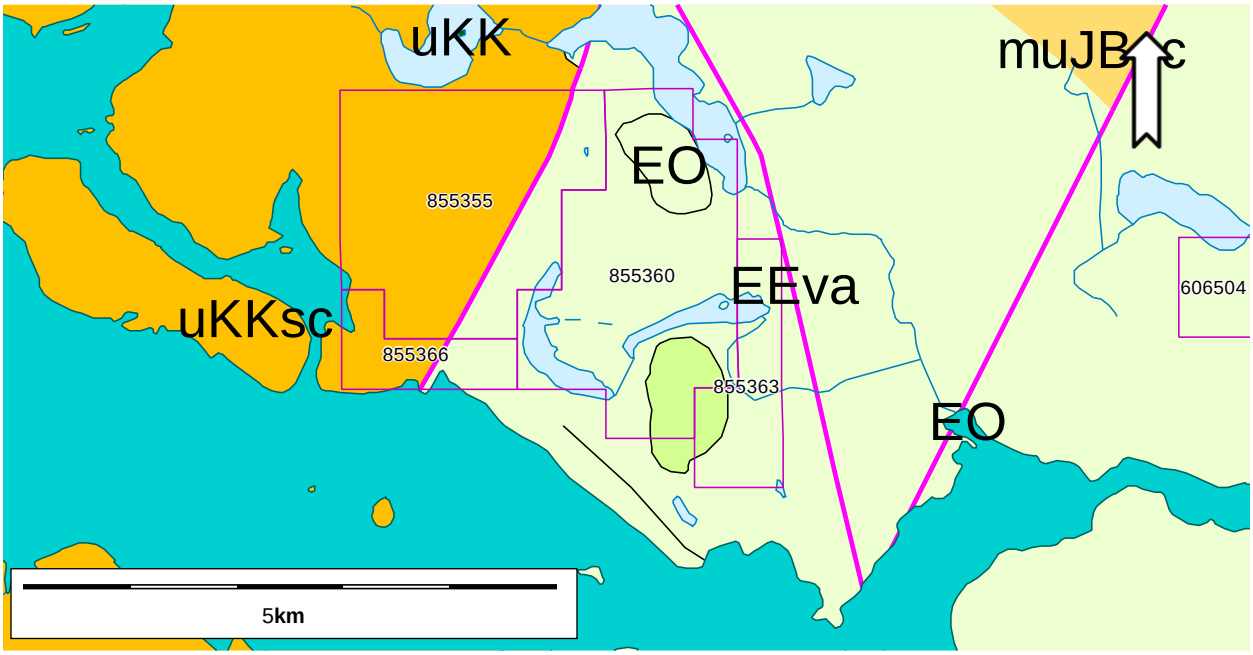

Figure 8: Property Geology map

Item 8: Deposit Types

A number of deposit models are relevant for the general area with the low sulphidation epithermal model being the main focus of the current program. Another intrusion related model that may be significant is the sub-volcanic copper/gold/silver model. The nearby Equity Silver mine fits into this deposit model. Finally, a porphyry copper-molybdenum target may exist in the eastern claim area.

8.1 Epithermal (low Sulphidation) Deposits

In British Columbia, Jurassic deposits are important while world-wide Tertiary deposits are most abundant. Significant examples of this deposit type in British Columbia include the Toodoggone district deposits - Lawyers (094E 066), Baker (094E 026), Shas (094E

050); Blackdome (092O 050, 092O 051, 092O 052, 092O 053); Premier Gold (Silbak Premier), (104B 054) and Cinola (103F 034).

Panteleyev (1996) describes low sulphidation epithermal deposits as quartz veins, stockworks and breccias that carry precious metals and variable amounts of base metals in high-level (epizonal) to near surface environments. Mineralization commonly exhibits open-space filling textures and is associated with volcanic-related hydrothermal to geothermal systems. The tectonic settings of the deposits are volcanic island arc, continent-margin magmatic arcs and continental volcanic fields with extensional structures. They are associated with regional-scale fracture systems related to grabens, resurgent calderas, flow-dome complexes and rarely with maar diatremes. Extensional structures are common and graben or caldera-fill clastic rocks may be present in higher level systems. Locally resurgent or domal structures are related to underlying intrusive bodies such as high-level (subvolcanic) stocks and/or dikes and pebble breccia diatremes.

Most deposits occur in calcalkaline volcanic rocks of andesitic composition while some deposits occur in areas with bimodal volcanism and extensive subaerial ashflow deposits. Ore zones are typically localized in extensional structures with high-grade ore shoots commonly found in dilational zones in faults at flexures, splays and in cymoid loops. Significant mineralization can occur where ore forming fluids invade permeable lithologies. Upward-flaring ore zones centered on structurally controlled hydrothermal conduits are typical. Individual veins can range from >1m and hundreds of metres in strike length to mm in scale. The vein systems can be laterally extensive but ore shoots generally have relatively restricted vertical extent of a few hundred metres. Deposits can be strongly zoned along strike and vertically. Deposits are commonly zoned vertically over 250 to 350 m from a base metal poor, Au-Ag-rich top to a relatively Ag-rich base metal zone and an underlying base metal rich zone grading at depth into a sparse base metal, pyritic zone

As a result of the confined nature of the mineralization, deposits are generally small. The median deposit size of 41 Comstock-type 'bonanza' deposits is 0.77 Mt grading 7.5 g/t Au, 110 g/t Ag with minor Cu, Zn and Pb.

8.2 Subvolcanic copper/gold/silver veins

Significant British Columbia examples are Equity Silver (093L 001) and the Thorn prospect (104K031, 116).

Panteleyev (1995) describes this transitional or intrusion-related (polymetallic) stockwork and vein model as pyritic veins, stockworks and breccias in subvolcanic intrusive bodies with stratabound to discordant massive pyritic replacements, veins, stockworks, disseminations and related hydrothermal breccias in country rocks. These deposits are located near or above porphyry Cu hydrothermal systems and commonly contain pyritic auriferous polymetallic mineralization with Ag sulphosalt and other As and Sb-bearing minerals. Extensional tectonic regimes allow high-level emplacement of the intrusions. Rhyodacite and dacite flow-dome complexes with fine to coarse-grained

quartz-phyric intrusions are common. Dike swarms and other small subvolcanic intrusions are likely to be present.

These deposits represent a transition from porphyry copper to epithermal conditions with a combination of porphyry and epithermal characteristics. Mineralization is related to hydrothermal systems derived from porphyritic, subvolcanic intrusions and occurs in strongly fractured to crackled zones in cupolas and internal parts of intrusions and flow-dome complexes and along faulted margins of high-level intrusive bodies. Stockworks and closely-spaced to sheeted sets of sulphide-bearing veins occur within intrusions and as structurally controlled and stratabound or bedding plane replacements along permeable units and horizons in surrounding country rock. Veins and stockworks form in transgressive hydrothermal fluid conduits that can pass into pipe-like and planar breccias. Breccia bodies are commonly tens of metres and, rarely, hundreds metres in size. Massive sulphide zones can pass outward into auriferous pyrite-quartz-sericite veins and replacements. Multiple generations of veining and hydrothermal breccias are common. Pyrite is dominant and quartz is minor to absent in veins. The vein and replacement style deposits can be separated from the deeper porphyry Cu mineralization by 200 to 700 m. Ore mineralogy consists of pyrite, commonly as auriferous pyrite, chalcopyrite, tetrahedrite/tennantite; enargite/luzonite, covellite, chalcocite, bornite, sphalerite, galena, arsenopyrite, argentite, sulphosalts, gold, stibnite, molybdenite, wolframite or scheelite, pyrrhotite, marcasite, realgar, hematite, tin and bismuth minerals. Depth zoning is commonly evident with pyrite-rich deposits containing enargite near surface, passing downwards into tetrahedrite/tennantite + chalcopyrite and then chalcopyrite in porphyry intrusions at depth.

The deposits can be quite large such as those at Equity Silver where the bulk mineable reserves were approximately 30Mt grading 0.25% Cu, 86g/t Ag and 1g/t Au. International examples include the Recsk deposit in Hungary where a shallow breccia-hosted Cu-Au ores overlie a porphyry deposit containing ~1000 Mt with 0.8% Cu. The closely spaced pyritic fracture and vein systems at Kori Kollo, La Joya district, Bolivia contained 10 Mt oxide ore with 1.62 g/t Au and 23.6 g/t Ag and had sulphide ore reserves of 64 Mt at 2.26 g/t Au and 13.8 g/t Ag.

8.3 CALCALKALINE PORPHYRY COPPER-GOLD DEPOSITS

According to Panteleyev (1995), Volcanic-type Calcalkaline Porphyry Copper-gold deposits are characterized by stockworks of quartz veinlets and veins, closely spaced fractures, disseminations and breccias, containing pyrite and chalcopyrite with lesser molybdenite, bornite and magnetite, occurring in large zones of economically bulk mineable mineralization, in or adjoining porphyritic stocks, dikes and related breccia bodies. Intrusions compositions range from calcalkaline quartz diorite to granodiorite and quartz monzonite. Commonly there are multiple emplacements of successive intrusive phases and a wide variety of breccias. The mineralization is spatially, temporally and genetically associated with hydrothermal alteration of the host rock intrusions and wallrocks. Propylitic alteration is widespread and generally flanks early, centrally located potassic alteration which is commonly well mineralized. Younger mineralized phyllic alteration commonly overprints the early mineralization. Barren

advanced argillic alteration is rarely present as a late, high-level hydrothermal carapace. Ore controls include igneous contacts, both internal between intrusive phases, and external with wallrocks; dike swarms, breccias, and zones of most intense fracturing, notably where there are intersecting multiple mineralized fracture sets.

Porphyry Cu-Au deposits have been the major source of copper for British Columbia, and a significant source of gold. Median values for 40 B.C. deposits with reported reserves are: 115 Mt with 0.37 % Cu, 0.01 % Mo, 0.3g /t Au and 1.3 g/t Ag.

Item 9: Exploration

9.1 Current Evaluation Program

The current evaluation program began with the delivery of a Notice of Work to area residents. Three property owners were spoken with while three others had the notice placed in conspicuous locations. A total of four surface rights holders were consulted during the program and none had any issues with the proposed program of humus and rock sampling and most were supportive of the mining and exploration industries.

Five field days were spent collecting a total of 118 humus Ah samples and 10 rock samples with an additional day spent sorting and preparing the samples for delivery to the lab. Samples were collected every 100m on four E/W lines that were spaced 400m apart. Where sulphide mineralization or alteration was encountered as float or in outcrop, a representative sample was collected for analysis. GPS coordinates were recorded at each humus and rock sample site. Sampling was completed over cut lines previously surveyed by CM Meteor in their IP program. Permission was obtained to collect humus samples over one line previously denied to CM Meteor. The program was designed to test the Chargeability and Resistivity anomalies identified in the 2007 program as well as the airborne magnetic and gravity targets identified in government surveys. Rock sample descriptions are located in Table 5.

Table 5: Sample Descriptions - Rock

Sample #	UTM Easting	UTM Northing	Sample Type	Sample Description
45054	315103	5954760	grab	medium-grey feldspar porphyry volcanic (?) with weak potassic alteration, 2-3% cubic Py
45055	315103	5954769	grab	argillic-altered, flow-banded rhyolite with hematite along banding
45056	315102	5954033	grab	buff-coloured, argillic-altered quartz-porphyry with tr fine cubic Py
45057			standard	standard - altered andesite
45058			blank	blank (barren white quartz)
45156	311722	5956708	grab o/c	coarse sandstone/pebble conglomerate with secondary biotite and chlorite alteration. Biotite is fine-medium grained with manganese and possible fine grained black sulphides. Minor epidote alteration of fine grained sediments nearby.
45157	311762	5956708	grabs over 2m	medium and coarse grained sediments with moderate-strong epidote alteration. Bedding parallel and x-cutting white-light grey quartz veining.
45158	311769	5956722	grab o/c	pale-green volcanic with 2mm carbonate vein

45159	310760	5956307	grab float	rough angular silicified and clay altered rhyolite with fine quartz veining and tr very fine grained grey sulphides (?) manganese(?)
45160	311104	5955907	grab o/c	small hornblende diorite (?) outcrop, tr Py.
45161	313676	5955500	grab o/c	sheared, hornfelsed, dark grey-brown volcanic, tr-1% Po
45162	312027	5955500	grab o/c	dark grey-brown volcanic
45163			standard	standard - LBS5
45164			blank	blank (barren white quartz)

All rock samples returned background values.

Absolute values returned from the humus program were generally low however Response Ratios (values/background) revealed a number of interesting anomalies. Gold was the most responsive element with 45 samples obtaining Response Ratios of 4 x background or greater and a maximum value of 20 x background. Several anomalies reached significant widths including a number of open-ended anomalies. Silver was very sporadic with only a few samples exceeding Response Ratios of 4 or better with a peak value of 5.2 x background. Base metals were much less responsive than Au yet still reached maximum values of 13 x background for Mo and 5 x background for Cu with individual anomalies reaching widths of at least 200m. Better Au Response Ratios often flanked base metal anomalies. The northeast trending swampy-creek in the central part of the property paralling the Marilla road, is suspected as being a fault and is flanked on either side by both base and precious metal anomalies.

A QAQC program included the taking of duplicate humus samples and inserting pulp Standards into the sample stream at a ratio of approximately 1:20. Two different Standards were included in the rock samples at a ratio of 1:20. Rock sample certificates are found in Appendix A. Humus sample certificates are found in Appendix B.

Table 6: Sample Descriptions - Humus

Sample #	UTM Easting	UTM Northing	Sample Type
2353236	310600	5956700	Ah
2353237	310700	5956748	Ah
2353238	310800	5956720	Ah
2353239	310900	5956700	Ah
2353240	310901	5956700	duplicate
2353241			S5 standard
2353242	311000	5956700	Ah
2353243	311100	5956700	Ah
2353244	311200	5956705	Ah
2353245	311300	5956704	Ah
2353246	311400	5956702	Ah
2353247	311500	5956700	Ah
2353248	311610	5956704	Ah
2353249	311700	5956696	Ah

2353250	311800	5956700	Ah
2353251	311900	5956697	Ah
2353252	312000	5956700	Ah
2353253	312100	5956700	Ah
2353254	312200	5956700	Ah
2353255	312300	5956695	Ah
2353256	312400	5956700	Ah
2353257	312500	5956700	Ah
2353258	312600	5956694	Ah
2353259	312545	5956322	Ah
2353260	312545	5956321	duplicate
2353261			S5 standard
2353262	312495	5956298	Ah
2353263	312400	5956295	Ah
2353264	312300	5956300	Ah
2353265	312202	5956297	Ah
2353266	312106	5956300	Ah
2353267	312004	5956302	Ah
2353268	311900	5956300	Ah
2353269	311800	5956304	Ah
2353270	311700	5956300	Ah
2353271	311600	5956302	Ah
2353272	311500	5956300	Ah
2353273	311400	5956304	Ah
2353274	311300	5956300	Ah
2353275	311200	5956306	Ah
2353276	311100	5956300	Ah
2353277	311000	5956304	Ah
2353278	310907	5956317	Ah
2353279	310802	5956325	Ah
2353280	310802	5956324	duplicate
2353281			S5 standard
2353282	310690	5956314	Ah
2353283	310602	5956303	Ah
2353284	310600	5955908	Ah
2353285	310700	5955908	Ah
2353286	310796	5955906	Ah
2353287	310900	5955900	Ah
2353288	310993	5955901	Ah
2353289	311100	5955902	Ah
2353290	311210	5955869	Ah
2353291	311301	5955907	Ah
2353292	311396	5955900	Ah

2353293	311500	5955900	Ah
2353294	311598	5955903	Ah
2353295	311700	5955903	Ah
2353296	311800	5955900	Ah
2353297	311900	5955900	Ah
2353298	311995	5955902	Ah
2353299	312095	5955900	Ah
2353300			S5 standard
2353301	312213	5955900	Ah
2353302	312312	5955900	duplicate
2353303	312300	5955902	Ah
2353304	312409	5955900	Ah
2353305	312497	5955900	Ah
2353306	312600	5955900	Ah
2353307	312700	5955895	Ah
2353308	312800	5955905	Ah
2353309	312900	5955893	Ah
2353310	313000	5955893	Ah
2353311	313103	5955885	Ah
2353312	313200	5955907	Ah
2353313	313293	5955891	Ah
2353314	313402	5955912	Ah
2353315	315300	5955498	Ah
2353316	315200	5955500	Ah
2353317	315100	5955500	Ah
2353318	315000	5955500	Ah
2353319	314900	5955500	Ah
2353320	314800	5955500	Ah
2353321	314801	5955500	duplicate
2353322			S5 standard
2353323	314700	5955500	Ah
2353324	314600	5955507	Ah
2353325	314506	5955500	Ah
2353326	314407	5955503	Ah
2353327	314305	5955500	Ah
2353328	314200	5955488	Ah
2353329	314107	5955500	Ah
2353330	314000	5955500	Ah
2353331	313900	5955500	Ah
2353332	313810	5955500	Ah
2353333	313700	5955500	Ah
2353334	313600	5955500	Ah
2353335	313500	5955500	Ah

2353336	313400	5955500	Ah
2353337	313300	5955500	Ah
2353338	313200	5955500	Ah
2353339	313100	5955500	Ah
2353340	313000	5955500	Ah
2353341	312900	5955500	Ah
2353342	312800	5955500	Ah
2353343	312700	5955500	Ah
2353344	312642	5955487	Ah
2353345	312491	5955500	Ah
2353346	312492	5955500	duplicate
2353347			S5 standard
2353348	312400	5955500	Ah
2353349	312300	5955500	Ah
2353350	312200	5955500	Ah
2353351	312100	5955500	Ah
2353352	312000	5955500	Ah
2353353	311864	5955500	Ah
2353354	311806	5955512	Ah
2353355	311706	5955500	Ah
2353356	311617	5955473	Ah
2353357	311520	5955514	Ah
2353358	311400	5955504	Ah
2353359	311300	5955500	Ah
2353360	311200	5955500	Ah
2353361	311094	5955500	Ah
2353362	310994	5955505	Ah
2353363	310910	5955500	Ah
2353364	310909	5955500	duplicate
2353365			S5 standard
2353366	310808	5955500	Ah
2353367	310702	5955500	Ah

Response ratios are an efficient method of handling trace and ultra-trace data where absolute values are often meaningless. Stacked profiles offer a visual picture of areas that are considered anomalous compared to background values. The following charts offer transects across the property at a number of locations. The data is presented from the north transect to the south with all charts having west to the left and east to the right (ie. looking north). It should be noted that other than the ridges in the central parts of the property, there are only scattered outcrops and glacial till is believed to be quite deep.

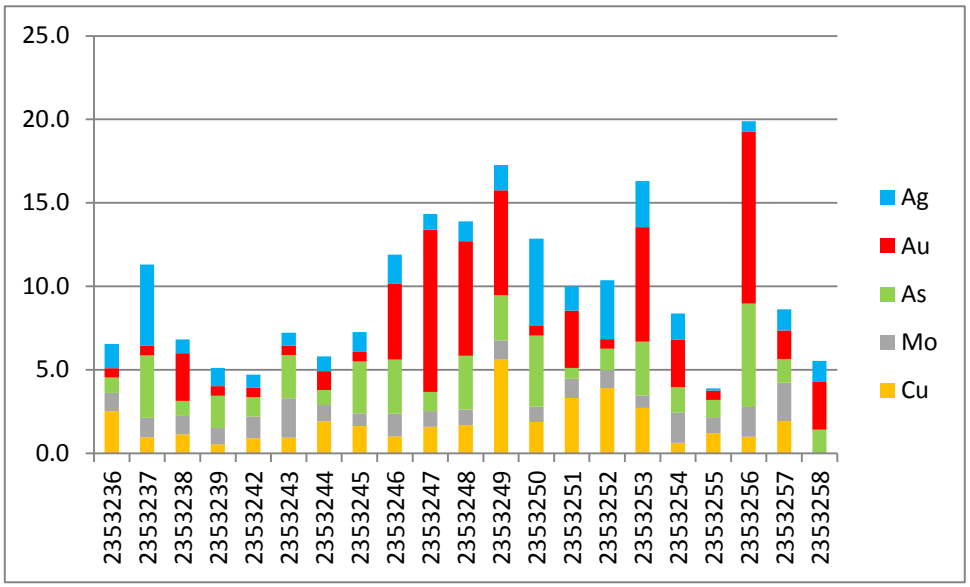

Figure 9: Line 6700N Stacked Response Ratios

Highly anomalous Au and moderately anomalous Cu form a 700m wide anomaly from sample 2353246-2353253. The Response Ratios for the anomaly peaks at 9.7 for Au, 5.2 for Ag and 5.6 x background for Cu and corresponds well with both the strong Resistivity and IP Chargeability anomalies identified in 2007.

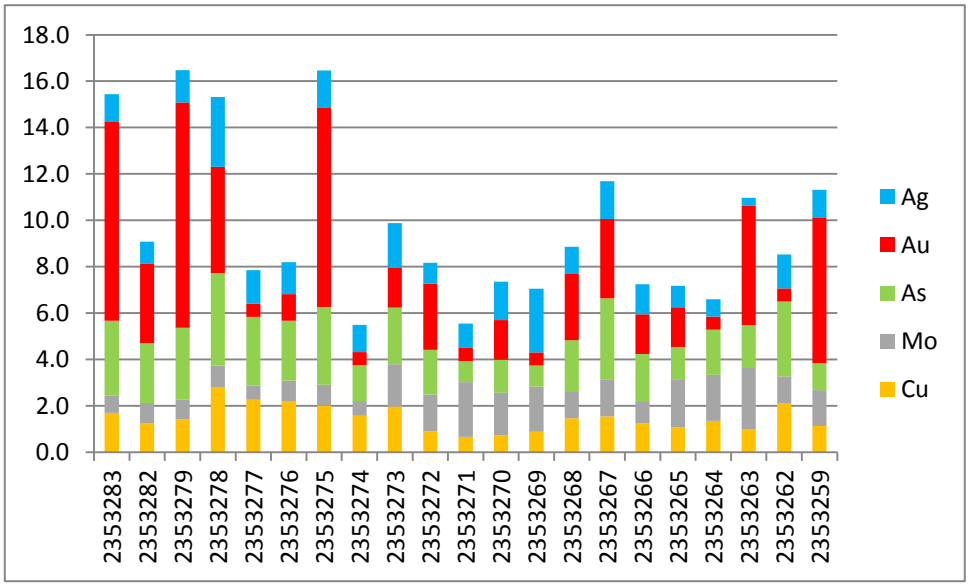

Figure 10: Line 6300N Stacked Response Ratios

Moderately anomalous As to 4 x background and scattered anomalous Au to 9.7 x background are associated with a broad weak Cu anomaly with RR up to 2.8 x background on the western end of the line from sample 2353275-2353283. A few other Au/As anomalies are present towards the east end of the line near the swampy creek.

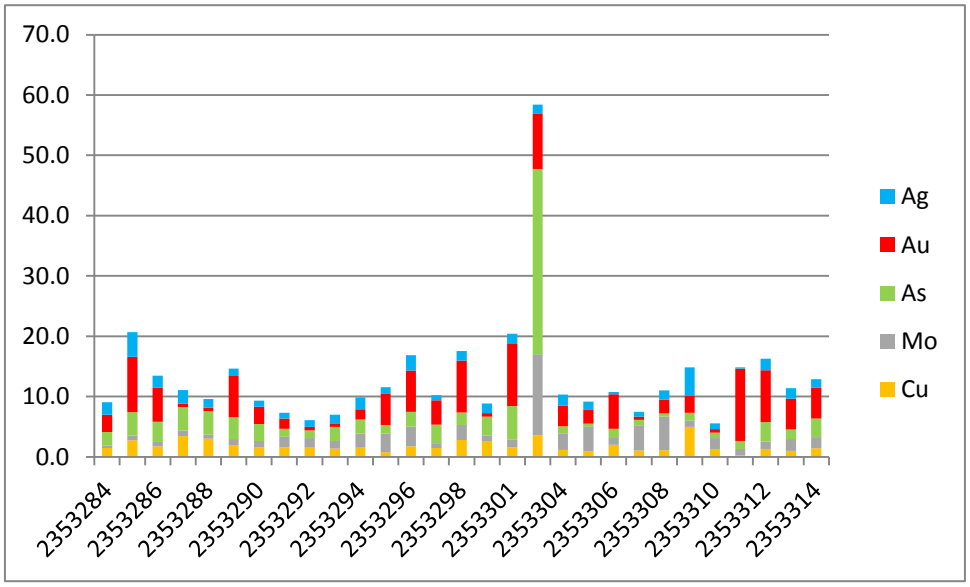

Figure 11: Line 5900N Stacked Response Ratios

Precious metals are associated with As at the west end of line 5900N. Response Ratios reach peak values of 9.1 for Au, 4.1 for Ag, 3.9 for As and 3.4 x background for Cu. In the central portion of the line, Mo Response Ratios reach peak values of 13.4 x background and is associated with Cu (RR of 3.6), As (RR of 30.7) and Au (RR of 9.1). At the east end of the sample line, Au values over 300m reach peak Response Ratios of 12 x background.

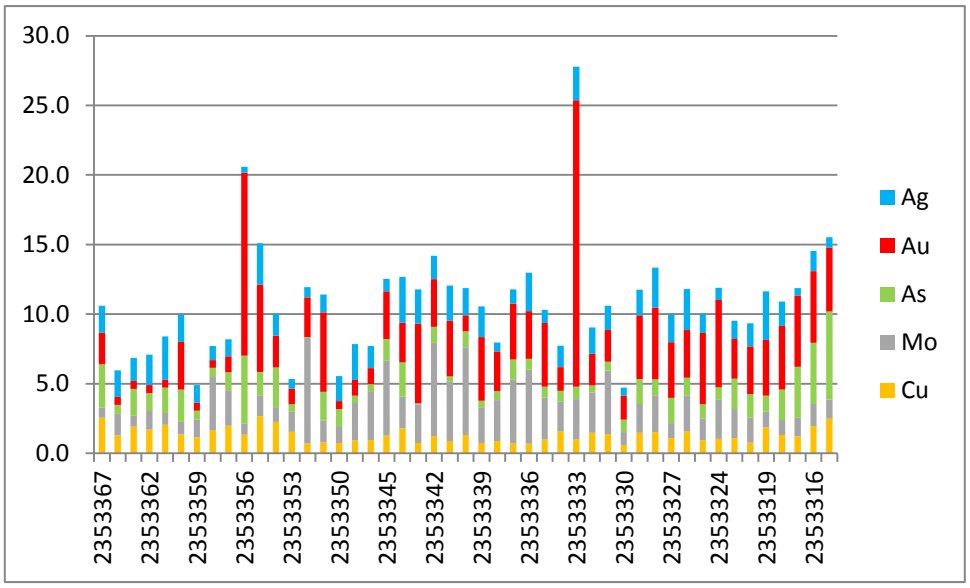

Figure 12: Line 5500N Stacked Response Ratios

The western end of Line 5500 is associated with a weak Cu anomaly reaching Response Ratios of 2.7 x background. The eastern end of this anomaly, samples 2353352-235336 is also anomalous in gold with Response Ratios to 13.1 x background.

The majority of the central section of the line shows elevated Mo Response Ratios to 7.6 x background with scattered Au values in the 4-5 x background range and peaks to 20.6 x background. The eastern end of the line appears to indicate the edge of a multi-element anomaly with increasing Cu, As and Au values.

Rock sample locations and elemental plots can be found in Appendix C. Humus sample locations and elemental plots can be found in Appendix D.

Item 10: Drilling

No drilling was completed as part of the exploration program.

Item 11: Sample Preparation, Analyses and Security

All rock samples were placed in clean 12x20 poly bags with a sample tag and tied closed with flagging tape. The samples were transported to Francois Lake where they were placed into a woven rice bag and sealed with a zip tie. Samples were then transported to the ACME Prep Laboratory facilities in Smithers, BC.

Rocks were prepared using R200-500 methods where the sample was crushed to 80% passing 10 mesh. A 500g sub-sample was split and pulverized to 85% passing 200 mesh. Rock samples were analyzed for 36 elements plus gold. 30g splits were leached in hot (95˚C) Aqua Regia prior to elemental determination using ICP-ES (1DX3). Gold determinations were completed using a Fire Assay of a 30g split (G601).

Humus samples were collected in new 12x20 poly bags, placed in woven rice bags for delivery to the ACME prep lab in Smithers. Samples were prepared using the SS60 code whereby the samples were sieved to -60 mesh. The resulting sample was analyzed for 53 elements plus gold. 30g splits were leached in hot (95˚C) Aqua Regia prior to elemental determination using ICP-ES (1F06).

Item 12: Data Verification

No data verification was completed as part of the exploration program.

Item 13: Mineral Processing and Metallurgical Testing

No mineral processing or metallurgical testing was completed as part of the exploration program.

Item 14: Mineral Resource Estimates

No mineral resource estimates were completed as part of the exploration program

Item 15: Adjacent Properties

15.1 Loon (Minfile 093F 061, rev. Karl A. Flower, 2009)

The Loon property is located about 70 kilometres south of Burns Lake in the Windfall Hills area, north and east of Uduk Lake near the eastern boundary of Tweedsmuir Park.

Felsic to intermediate flows and tuffs of the Eocene Ootsa Lake Group underlie most of the prospect area. Ootsa Lake rhyolitic rocks including welded and spherulitic flows and breccias, have a gentle westerly dip and are underlain by andesitic rocks of unknown age. Oligocene to Miocene Endako Group andesitic to basaltic flows, dikes and plugs locally overly or intrude Ootsa Lake Group rocks. Middle Jurassic Hazelton Group rocks, consisting of andesites and sedimentary rocks, are exposed to the southeast of the showing area and are intruded by quartz monzonite of suspected Cretaceous or Tertiary age.

In 1988, Mingold Resources discovered silicified and brecciated Ootsa Lake Group rhyolitic rocks which contained up to 1026 grams per tonne silver and 5.4 grams per tonne gold. In 1990, a small VLF-EM resistivity survey was completed and succeeded in outlining two distinct anomalous zones which coincided with the known areas of silicification and precious metal mineralization. In 1994, Hudson Bay Mining and Smelting completed 773.4 metres of diamond drilling in 5 holes, testing IP anomalies. In 1996, a further 6 holes, totalling 1610 metres were completed, testing deeper IP targets.

Trenching exposed cream coloured rhyolite to dacite that is variably silicified and argillically altered. Silica occurs as quartz-chalcedony veinlets, lenses and drusy cavities in clay altered volcanic rock. Pyrite (and marcasite?) is the only observable sulphide and is present in trace amounts to 5 per cent. Sulphides vary from coarsely crystalline to very fine grained and locally exhibit coliform banding. Gold and silver mineralization appears to be related to the presence of dark grey chalcedony.

A 2-metre channel sample from trench 89-9 assayed 0.22 grams per tonne gold and 4.5 grams per tonne silver (Assessment Report 20123). In 1994, a sample across 2.35 metres in DD94-4 assayed 4.25 grams per tonne gold and 29.7 grams per tonne silver (Explore BC 1995-96 application).

15.2 Uduk (Minfile 093F 057, rev. Karl A. Flower, 2009)

The Uduk Lake epithermal gold-silver prospect is located on the Duk claims about 70 kilometres south-southwest of Burns Lake and 2 kilometres east of Uduk Lake. The claims were originally staked in 1980 by Amax Exploration and later allowed to lapse in 1981. They were restaked by A & M Exploration Limited in 1984.

The Duk claims are underlain by a greater than 2 kilometre square area of hydrothermally altered rhyolitic to dacitic flows, tuffs and breccias of the Eocene Ootsa Lake Group.

Outcrop on the property is sparse; however, bedrock is commonly within 1 or 2 metres of the surface. A porphyritic rhyolite with varying amounts of argillization is the most common unit, while andesites of the Hazelton group and other granitic rocks occur in the northwestern and southwestern corner, respectively, of the claims. A zone of clay and silica- altered rhyolite in angular float and outcrop, measuring about 600 by 200 metres, occurs in the southwestern part of the property. Past exploration, including trenching and diamond drilling, focussed on a quartz-chalcedony (+/-pyrite) stockwork that locally grades into a more sulphide-rich, black matrix breccia. Host rocks are typically moderately to intensely clay-altered and locally moderately silicified. Pyrite is the only visible sulphide and is present in trace amounts ranging up to 5 per cent locally. It occurs mainly as fracture fillings and disseminations in vein, stockwork and breccia zones.

In 1984, geochemical sampling identified anomalous areas or molybdenum (up to 44 parts per million), silver (up to 3.6 parts per million), gold (up to 700 parts per billion), arsenic (up to 100 parts per billion), lead (up to 68 parts per million) and zinc (up to 464 parts per million) in soil and rock (Property File Rimfire Allen, D.G, 1984).

15.3 Rhub (Minfile 093F 054, rev. Nicole Barlow, 2009)

The Rhub showings are located 70 kilometres south of Burns Lake, on the north side of Intata Reach.

In 1980, Guichon Exploration Ltd. carried out silt and soil sampling in the claim area. In 1985, Hudson Bay Exploration conducted a reconnaissance exploration program on the old Mar 11 claims and discovered boulders of chalcedonic quartz. In 1986, Mingold carried out extensive soil sampling and VLF-EM surveys. In 1987, Mingold drilled 1,189 metres of reverse circulation drilling. In 1988, Mingold drilled 1036.9 metres focussed on the Silver Zone. In 1989, an induced polarization survey, 128 metres of trenching and rock chip sampling was conducted over the Silver Zone and area. In 1991, Equity Silver drilled 5 holes on the J Anomaly which is proximal to and on trend with the Silver Zone.

The region is within the Intermontane Belt, underlain dominantly by Lower to Middle Jurassic volcanic and sedimentary rocks of the Hazelton Group. These assemblages are overlain by the Upper Cretaceous to Lower Tertiary Ootsa Lake Group and Miocene plateau basalt. Intruding Lower Jurassic rocks of the Hazelton Group in the northeastern part of the map sheet is a belt of granodiorite, diorite and quartz diorite plutons of the Lower Jurassic Topley intrusive suite. Felsic plutons of probable Cretaceous age intrude both Lower and Middle Jurassic Hazelton strata.

Gold-bearing boulders were initially discovered and subsequently several zones of silica flooding and argillic alteration were delineated. These zones occur within rhyolite and rhyolite tuff of the Upper Cretaceous to Lower Tertiary Ootsa Lake Group. A felsic flow unit is distinguished by the presence of perlite. The zones comprise brecciated rhyolite healed by amorphous silica, a series of stockwork veins or amorphous silica with varying amounts of pyrite and marcasite. The main controls on mineralization appear to

be fracture intensity and the porosity of the host rock, rhyolite flows and tuffs being preferable.

The Barb zone is 10 kilometres to the west of the discovery boulder area at the west end of the property. Veins are up to 1 metre wide. The main vein system here trends 140 degrees and a secondary set trends 045 degrees. Siliceous rhyolite breccia with pyrite and black silica was encountered in several drillholes. The best intersection was 2.16 grams per tonne gold over 1.52 metres (Property File - Alta Ventures Inc. Prospectus, Oct. 25, 1989).

In 2003, Southern Rio Resources Ltd. staked the Sam claims to cover the Rhub epithermal gold-silver showing. A total of 16.2 line-km of ground magnetometer and VLF-EM surveying was performed on the SAM property during the current field program. Readings were taken at 12.5 metre intervals along east-west cut gridlines.

15.4 Equity Silver (Minfile 093L 001, rev. Robinson, 2009)

Silver, copper and gold were produced from the Equity Silver deposit, located 150km to the southeast of the Property.

The mineral deposits are located within an erosional window of uplifted Cretaceous age sedimentary, pyroclastic and volcanic rocks near the midpoint of the Buck Creek Basin. Strata within the inlier strike 015 degrees with 45 degree west dips and are in part correlative with the Lower-Upper Skeena(?) Group. Three major stratigraphic units have been recognized. A lower clastic division is composed of basal conglomerate, chert pebble conglomerate and argillite. A middle pyroclastic division consists of a heterogeneous sequence of tuff, breccia and reworked pyroclastic debris. This division hosts the main mineral deposits. An upper sedimentary-volcanic division consists of tuff, sandstone and conglomerate. The inlier is flanked by flat-lying to shallow dipping Eocene andesitic to basaltic flows and flow breccias of the Francois Lake Group (Goosly Lake and Buck Creek formations).

Intruding the inlier is a small granitic intrusive (57.2 Ma) on the west side, and Eocene Goosly Intrusions gabbro-monzonite (48 Ma) on the east side.

The chief sulphides at the Equity Silver mine are pyrite, chalcopyrite, pyrrhotite and tetrahedrite with minor amounts of galena, sphalerite, argentite, minor pyrargyrite and other silver sulphosalts. These are accompanied by advanced argillic alteration clay minerals, chlorite, specularite and locally sericite, pyrophyllite, andalusite, tourmaline and minor amounts of scorzalite, corundum and dumortierite. The three known zones of significant mineralization are referred to as the Main zone, the Southern Tail zone and the more recently discovered Waterline zone. The ore mineralization is generally restricted to tabular fracture zones roughly paralleling stratigraphy and occurs predominantly as veins and disseminations with massive, coarse-grained sulphide replacement bodies present as local patches in the Main zone. Main zone ores are fine-grained and generally occur as disseminations with a lesser abundance of veins. Southern Tail ores are coarse-grained and occur predominantly as veins with only local

disseminated sulphides. The Main zone has a thickness of 60 to 120 metres while the Southern Tail zone is approximately 30 metres thick. An advanced argillic alteration suite includes andalusite, corundum, pyrite, quartz, tourmaline and scorzalite. Other zones of mineralization include a zone of copper-molybdenum mineralization in a quartz stockwork in and adjacent to the quartz monzonite stock and a large zone of tourmaline-pyrite breccia located to the west and northwest of the Main zone.

Alteration assemblages in the Goosly sequence are characterized by minerals rich in alumina, boron and phosphorous, and show a systematic spatial relationship to areas of mineral deposits. Aluminous alteration is characterized by a suite of aluminous minerals including andalusite, corundum, pyrophyllite and scorzalite. Boron-bearing minerals consisting of tourmaline and dumortierite occur within the ore zones in the hanging wall section of the Goosly sequence. Phosphorous-bearing minerals including scorzalite, apatite, augelite and svanbergite occur in the hanging wall zone, immediately above and intimately associated with sulphide minerals in the Main and Waterline zones. Argillic alteration is characterized by weak to pervasive sericite-quartz replacement. It appears to envelope zones of intense fracturing, with or without chalcopyrite/tetrahedrite mineralization.

The copper-silver-gold mineralization is epigenetic in origin. Intrusive activity resulted in the introduction of hydrothermal metal-rich solutions into the pyroclastic division of the Goosly sequence. Sulphides introduced into the permeable tuffs of the Main and Waterline zones formed stringers and disseminations which grade randomly into zones of massive sulphide. In the Southern Tail zone, sulphides formed as veins, fracture-fillings and breccia zones in brittle, less permeable tuff. Emplacement of post-mineral dikes into the sulphide-rich pyroclastic rocks has resulted in remobilization and concentration of sulphides adjacent to the intrusive contacts. Remobilization, concentration and contact metamorphism of sulphides occurs in the Main and Waterline zones at the contact with the postmineral gabbro-monzonite complex.

The Southern Tail deposit has been mined out to the economic limit of an open pit. With its operation winding down, Equity Silver Mines does not expect to continue as an operating mine after current reserves are depleted. Formerly an open pit, Equity is mined from underground at a scaled-down rate of 1180 tonnes-per-day. Proven and probable ore reserves at the end of 1992 were about 286,643 tonnes grading 147.7 grams per tonne silver, 4.2 grams per tonne gold and 0.46 per cent copper, based on a 300 grams per tonne silver-equivalent grade. Equity has also identified a small open-pit resource at the bottom of the Waterline pit which, when combined with underground reserves, should provide mill feed through the first two months of 1994 (Northern Miner - May 10, 1993).

Equity Silver Mines Ltd. was British Columbia's largest producing silver mine and ceased milling in January 1994, after thirteen years of open pit and underground production. Production totaled 2,219,480 kilograms of silver, 15,802 kilograms of gold and 84,086 kilograms of copper, from over 33.8 Million tonnes mined at an average grade of 0.4 per cent copper, 64.9 grams per tonne silver and 0.46 gram per tonne gold.

Item 16: Other Relevant Data and Information

There is no other relevant data or information other than that included in this report.

Item 17: Interpretation and Conclusions

The greater Meteor area has been explored since at least 1980 for significant epithermal deposits such as those found in the Great Basin of Nevada and adjacent states. Significant areas of hydrothermal alteration have been found at the Loon and Uduk properties. At the nearby Rhub property, significant silver mineralization was discovered by the author in 1987 north of Sam Hardy Lake while under the employ of Mingold Resources Ltd..

Government airborne magnetic surveys over the Meteor area reveal a large magnetic high “doughnut” surrounding a magnetic low area. This is a common signature where an intrusive body has intruded into fine grained sediments. The magnetic high anomaly commonly represents a pyrrhotite hornfelsing around the intrusion. Airborne gravity surveys support this interpretation in that a large gravity low exists under and immediately to the east of the present claim group. The gravity low could indicate the presence of a low-specific gravity felsic intrusion.

The glacial till in the Meteor area is highly anomalous in gold. The area around the Meteor returned the highest (77ppb) and second highest (38ppb) gold values from the government surveys. The area was also noted to be highly anomalous in antimony, lead and moderately anomalous in copper and arsenic.

Previous exploration in 2007 in the immediate area identified significant, coincident, km-scale IP chargeability and resistivity anomalies that are present from 50m to 400m depth.

Highly altered and brecciated rhyolite cobbles and boulders were located down-ice of the coincident IP targets and airborne magnetic targets covered by the present Meteor property. These samples returned highly anomalous molybdenum (124.1ppm), copper (521ppm) and moderately to weakly anomalous gold (51ppb), silver (7.657ppm), arsenic (279.7ppm), antimony (15.45ppm), bismuth (8.13ppm), mercury (479ppm). Of interest are the highly anomalous molybdenum values, which is common in most of the epithermal showings in the area.

A test MMI line completed in 2010 was successful in identifying an area with Response Ratios of 24 x background in gold overlying the large IP anomalies present. A second area on the flank of the 1st vertical derivative magnetic low anomaly from government airborne surveys returned Response Ratios of 21 x background molybdenum and 6 x background gold.

Follow up humus surveys in 2011 and 2013 revealed broad areas with low to moderate base metal Response Ratios often associated with elevated to highly anomalous arsenic, silver and gold.

The Meteor property presents as an intriguing exploration project with multiple target areas worthy of further exploration. The author believes that the Meteor property is a property of merit and has the potential of hosting one or more significant mineral deposits.

Item 18: Recommendations

The Meteor property hosts a number of significant exploration targets, which have received only minimal evaluation in the past. As a result, a two phase program of exploration is proposed. Phase 1 would include re-establishing a grid over the Meteor IP and aeromagnetic anomalies and the collection of Ah and Ph samples. Humus samples should be collected on 50m centres on lines spaced at 200m apart. This would require infill samples be collected on the 2013 grid and new sampling on the balance of the property. The survey would result in the collection of approximately 900 additional samples over the grid. Approximately 1000 Ph samples should be collected and analysed each night in camp to determine the presence of any Ph low (acidic) areas in the survey area which would indicate the presence of oxidizing sulphides beneath any anomalies found. Magnetic surveys should be completed over the grid in order to accurately locate the magnetic anomalies on the ground. Prospecting should be completed over the property and surrounding areas.

Phase 2 would be dependent on the results obtained in the geochemical and geophysical surveys and would include the drilling of roughly 1000m of NQ core in 3-4 holes over the property. Samples should be assayed in 2m intervals from surface with the entire hole being analysed.

Proposed budget

Phase 1

Project Geologist (20 days @ $600/day)		12,000
Prospector/sampler x 4 (18 days @ $300/day)		21,600
Grid layout (36 line km @ $100/km)		3,600
Assaying (900 Ah samples @ $55/sample)		49,500
Assaying (100 rock samples @ $55/sample)		5,500
Geophysical surveys mag (36 line km @ $600/km)		21,600
Room and Board (120 person days @ $125/day)		15,000
Mob/demob		5,000
Reporting		10,000
	subtotal	143,800
Contingency (15%)		21,570
	Phase 1 Total	**$165,370**

Phase 2 (Drilling)

Project Geologist (35 days @ $600/day)		21,000
Core cutter (35 days @ $200/day)		7,000
Drilling NQ (1000m @ $220/m)		220,000
Assaying (500 samples @ $55/sample)		27,500
Room and Board (230 person days @$125/day)		28,750
Mob/demob		15,000
Reporting		20,000
	subtotal	339,250
Contingency (15%)		50,888
	Phase 2 Drilling Total	**$390,138**

Respectfully submitted
this 28th day of October, 2013

“Signed and Sealed”

Ken Galambos P.Eng.

Item 19: References

Allen, D.G., MacQuarrie, D.R., 1985, Geological, Geochemical and Geophysical Report on the Uduk Lake Property Duk 1-3 Claims, Omineca Mining Division, MEMPR Assessment Report# 14557.

Allen, D.G., 1986, Geological and Diamond Drilling Report on the Uduk Lake Property Duk 1-3 Claims, Omineca Mining Division, MEMPR Assessment Report# 14837.

Alldrick, D.J., 1995, Subaqueous Hot Spring Au-Ag, in Selected British Columbia Mineral Deposit Profiles, Volume 1 - Metallics and Coal, Lefebure, D.V. and Ray, G.E., Editors, British Columbia Ministry of Energy of Employment and Investment, Open File 1995-20, pages 55-58.

Dunley, J., 1988, Geological, Geochemical and Diamond Drilling Report on the Uduk Lake Property Duk 1-3 Claims, Omineca Mining Division, MEMPR Assessment Report# 18882.

Duso, G., 1995, 1995 Geochemistry on the Loon Property, Omineca Mining Division, MEMPR Assessment Report# 24229.

Gall, L., 1994, Diamond Drilling Report on the Loon Property, Omineca Mining Division, MEMPR Assessment Report# 23637.

Galambos, K.D., 2012, Prospecting and Sampling Report - Meteor Project, Omineca Mining Division, MEMPR Assessment Report# 33641.

MacQuarrie, D.R., 1988, Induced Polarization Report on the Uduk Property Duk 1-4 Claims, Omineca Mining Division, MEMPR Assessment Report# 17520.

Payne, C.W., 1996, Geological and Soil Geochemical Report on the Snag Property, Omineca Mining Division, BC, MEMPR Assessment Report# 24311.

Raven, W., 2007, Assessment Report for Geophysical Surveys on the Meteor Property, Omineca Mining Division, BC, MEMPR Assessment Report# 29425.

Reynolds, P., 1993, Geochemical and Geophysical Report on the Loon Claims, Omineca Mining Division, BC, MEMPR Assessment Report# 22977.

Schimann, K., 1995, Geology and Geochemistry Snag Property (Neechako Project), Omineca Mining Division, BC, MEMPR Assessment Report# 23749.

St. Clair Dunn, D.,1993, Report on the 1993 Geochemical Program on the Uduk Lake Property Duk 1-4, 7-9, 10A, 10B, Omineca Mining Division, MEMPR Assessment Report# 23154.

Stephen, J.C., 1993, Geological and Geochemical Report on the Uduk Lake Property Duk 1-4 Claims 6275, 6276, 6277, 9303, Omineca Mining Division, MEMPR Assessment Report# 22906.

Stix, J., Kennedy, B., Hannington, M., Gibson, H., Fiske, R., Mueller, W., and Franklin, J., 2003, Caldera-forming processes and the origin of submarine volcanogenic massive sulfide deposits, Geology (Boulder) (April 2003), 31(4):375-378.

Taylor, K.J., 1990, Geochemical and Geophysical Surveys Mapping, Rock Sampling, and Trenching on the Loon 1-3 Claims, Omineca Mining Division BC, MEMPR Assessment Report# 20123.

Taylor, K.J., 1989, Geochemical and Geophysical Surveys Mapping, Rock Sampling, Trenching and Linecutting on the Loon 1-5 and Loon 8 Claims, Omineca Mining Division BC, MEMPR Assessment Report# 18637.

Tupper, D.W., St. Clair Dunn, D.,1994, Report on the 1994 Geochemical and Trenching Program on the Uduk Lake Property Duk 1-4, 7-9, 10A, 10B, Omineca Mining Division, MEMPR Assessment Report# 23928.

Yarrow, E.W., 1989, Prospecting and Rock Sampling Report on the Loon 9 Claims, Omineca Mining Division BC, MEMPR Assessment Report# 19320.

Yarrow, E.W., 1989, Prospecting and Rock Sampling Report on the Loon 6 and Loon 7 Claims, Omineca Mining Division BC, MEMPR Assessment Report# 19321.

Item 20: Date and Signature Page

1) I, Kenneth Daryl Galambos of 1535 Westall Avenue, Victoria, British Columbia, am self-employed as a consultant geological engineer, authored and am responsible for this report entitled “Technical Report on the Meteor Project”, dated October 28, 2013.

2) I am a graduate of the University of Saskatchewan in Saskatoon, Saskatchewan with a Bachelor’s Degree in Geological Engineering (1982). I began working in the mining field in 1974 and have more than 28 years mineral exploration and production experience, primarily in the North American Cordillera. Highlights of this experience include the discovery and delineation of the Brewery Creek gold deposit, near Dawson City, Yukon for Noranda Exploration Ltd.

3) I am a registered member of the Association of Professional Engineers of Yukon, registration number 0916 and have been a member in good standing since 1988. I am a registered Professional Engineer with APEGBC, license 35364, since 2010.

4) This report is based upon the author’s personal knowledge of the region and a review of additional pertinent data.

5) As stated in this report, in my professional opinion the Meteor property is of potential merit and further exploration work is justified.

6) To the best of my knowledge this report contains all scientific and technical information required to be disclosed so as not to be misleading.

7) I am partners with Ralph Keefe on the Meteor property and a number of other properties in British Columbia and Yukon. My professional relationship is as a non-arm’s length consultant, and I have no expectation that this relationship will change.

8) I consent to the use of this report by Ralph Keefe for such assessment and/or regulatory and financing purposes deemed necessary, but if any part shall be taken as an excerpt, it shall be done only with my approval.

Dated at Victoria, British Columbia this 28th day of October, 2013.
“Signed and Sealed”

Ken Galambos, P.Eng. (APEY Reg. No. 0916, APEGBC license 35364)
KDG Exploration Services
1535 Westall Ave.
Victoria, British Columbia V8T 2G6

Item 21: Statement of Expenditures

July 27-September 15, 2012	
Ken Galambos (3 days @ $600/day)	1800
Brian Keefe (1 day @ $200/day)	200
Meals (4 person days @ $35/day)	140
Transportation	
4x4 truck (3 days @ $100/day)	300
Mileage (450km @ $0.50/km)	225
Assaying	
rock (5 rocks @ $50/each)	250
June 27 - July 15, 2013	
Ralph Keefe (6 day @ $350/day)	2100
Brian Keefe (6 days @$200/day)	1200
Ken Galambos (7 day @ $600/day)	4200
Meals (19 person days @ $35/day)	665
Transportation	
4x4 truck (7 days @ $100/day)	700
Mileage (910km @ $0.50/km)	455
Assaying	
rock (10 rocks @ $51/each)	510
humus (118 @ $50/each)	5900
Report	
Report (4 days @ $600/day)	2400
maps	630
	$21,675

Item 22: Software used in the Program

Adobe Acrobat 9
Adobe Photoshop Elements 8.0
Adobe Reader 8.1.3
Google Earth
Internet Explorer
Microsoft Windows 7
Microsoft Office 2010
Manifold

Item 23
Appendices

Appendix A

Assay Certificates
Rock

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Anglo American Exploration (Canada) Ltd.**
800 - 700 W. Pender St.
Vancouver BC V6C 1G8 CANADA

Submitted By: Babine Lake Cu Distribution List
Receiving Lab: Canada-Smithers
Received: July 17, 2013
Report Date: August 06, 2013
Page: 1 of 3

CERTIFICATE OF ANALYSIS SMI13000088.1

CLIENT JOB INFORMATION

Project: Babine Lake Cu
Shipment ID: 2013BLK001
P.O. Number
Number of Samples: 33

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme 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
R200-250	33	Crush, split and pulverize 250 g rock to 200 mesh			SMI
XWSH	33	Extra Wash with Glass between each sample			VAN
G601	33	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
1DX3	33	1:1:1 Aqua Regia digestion ICP-MS analysis	30	Completed	VAN
D105	33	Dry pulps @ 105 Deg. C. prior to analysis			VAN
7AX	2	1:1:1 Aqua Regia Digestion - ICP-MS finish	1	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Anglo American Exploration (Canada) Ltd.
800 - 700 W. Pender St.
Vancouver BC V6C 1G8
CANADA

CC:

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Anglo American Exploration (Canada) Ltd.**
800 - 700 W. Pender St.
Vancouver BC V6C 1G8 CANADA

Project: Babine Lake Cu
Report Date: August 06, 2013

CERTIFICATE OF ANALYSIS SMI13000088.1

Method		WGHT	G6	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
45051	Rock	1.34	<0.005	0.3	26.2	13.0	94	<0.1	3.5	5.5	1102	3.18	5.9	1.2	0.4	27	<0.1	0.2	<0.1	37	5.35
45052	Rock	1.26	<0.005	0.4	76.6	766.3	1919	0.1	3.9	9.2	1941	3.81	5.5	2.6	0.8	11	4.7	1.1	<0.1	59	1.47
45053	Rock	1.10	<0.005	0.1	5.5	12.2	46	<0.1	1.5	4.0	1197	2.48	6.8	2.1	0.7	78	<0.1	<0.1	<0.1	28	5.00
45054	Rock	1.65	<0.005	1.6	17.6	8.1	85	0.3	21.1	17.1	833	3.78	5.3	1.3	1.6	152	0.1	0.3	<0.1	61	2.90
45055	Rock	0.75	<0.005	0.6	1.9	6.9	5	0.2	0.3	0.2	28	0.50	30.5	4.1	2.7	12	<0.1	0.5	<0.1	<2	0.05
45056	Rock	0.97	<0.005	3.9	3.3	7.2	2	0.4	0.5	0.2	30	0.49	12.4	5.0	4.6	4	<0.1	0.3	<0.1	<2	0.01
45057	Rock Pulp	0.10	0.024	4.1	406.2	1.8	17	<0.1	17.5	42.6	357	6.34	3.6	22.9	3.1	6	<0.1	0.6	<0.1	61	0.05
45058	Rock	0.12	<0.005	0.1	0.5	1.0	2	<0.1	0.7	0.1	43	0.39	<0.5	2.4	0.8	<1	<0.1	<0.1	<0.1	<2	<0.01
45151	Rock	1.40	<0.005	<0.1	1.3	1.3	43	<0.1	2.1	3.9	597	1.40	2.4	2.4	0.6	16	0.1	1.6	<0.1	7	1.06
45152	Rock	1.08	0.058	1.4	19.8	1.7	88	<0.1	17.6	24.4	550	8.11	5.7	86.0	0.2	7	<0.1	0.3	1.0	72	0.12
45153	Rock	1.53	0.371	1.0	110.4	3.2	36	0.2	4.8	3.2	216	4.68	27.3	402.8	0.3	5	<0.1	2.3	3.3	25	0.02
45154	Rock	1.68	0.110	1.6	74.6	84.2	95	1.9	18.4	16.3	1237	6.10	158.3	120.0	1.5	26	0.3	1.7	4.6	25	1.73
45155	Rock	1.36	0.096	1.2	73.3	11.3	133	0.4	9.8	7.3	765	6.23	130.9	100.8	1.6	4	0.3	2.1	8.4	32	0.04
45156	Rock	2.43	<0.005	0.2	11.4	3.4	84	<0.1	12.9	17.3	786	7.65	2.3	5.1	1.3	81	<0.1	<0.1	0.4	179	0.86
45157	Rock	1.55	<0.005	<0.1	3.5	1.9	54	<0.1	5.7	8.0	564	2.01	1.2	6.5	0.8	132	<0.1	<0.1	<0.1	27	0.99
45158	Rock	1.61	<0.005	<0.1	8.5	1.7	58	<0.1	6.9	7.9	509	1.69	1.7	5.7	1.2	149	<0.1	<0.1	<0.1	26	0.93
45159	Rock	0.87	<0.005	<0.1	2.7	1.6	38	<0.1	1.0	0.7	168	0.62	3.2	1.9	7.8	5	<0.1	0.1	<0.1	2	0.03
45160	Rock	1.45	<0.005	<0.1	18.2	1.4	80	<0.1	42.9	18.9	628	3.71	3.0	<0.5	1.2	88	<0.1	<0.1	<0.1	75	1.81
45163	Rock Pulp	0.05	0.014	27.3	4416	12.6	77	0.9	952.4	33.8	176	5.32	50.9	9.2	6.6	15	0.3	0.6	1.0	24	0.19
45164	Rock	0.11	<0.005	0.1	19.6	0.3	12	0.1	1.2	0.3	49	0.47	1.5	9.7	0.8	<1	<0.1	<0.1	<0.1	<2	<0.01
1043972	Rock	1.97	0.005	0.3	240.0	19.1	212	0.5	67.7	40.2	1576	5.24	3.7	2.4	1.1	9	0.4	0.2	<0.1	172	1.42
1043973	Rock	2.43	<0.005	0.2	227.7	9.1	199	0.5	63.3	32.8	1349	4.24	5.2	1.4	0.9	16	0.3	0.1	<0.1	171	3.42
1043974	Rock	0.70	0.006	1.0	27.6	6.1	277	0.3	8.7	6.8	1027	2.85	8.4	1.8	1.0	7	1.3	2.2	0.3	19	0.44
1043975	Rock	0.63	0.373	2.4	545.4	21.0	1574	2.1	18.7	14.6	1591	5.55	32.5	945.9	0.8	10	7.4	2.8	4.1	83	1.00
1043976	Rock	1.13	0.054	0.7	75.8	3.2	386	0.2	3.6	5.1	1406	4.94	41.7	35.0	0.7	6	1.2	0.7	1.3	84	0.72
1043977	Rock	0.63	0.068	0.7	76.9	6.6	1899	0.2	6.8	6.8	1270	4.78	58.8	47.4	0.9	10	6.3	1.1	1.5	52	1.36
1043978	Rock	0.67	<0.005	0.3	11.8	4.8	204	<0.1	7.4	7.6	1832	4.04	8.0	1.4	0.6	41	0.4	0.3	0.1	68	7.86
1043979	Rock	0.85	1.370	0.2	5223	6.9	2851	25.9	1.6	9.4	755	11.26	333.1	1365	0.4	9	11.0	6.1	10.3	60	0.14
1043980	Rock	1.21	1.308	0.4	358.3	5.0	>10000	1.1	3.2	21.3	679	6.96	24.1	1088	0.4	11	77.6	2.8	3.1	23	0.98
1043981	Rock	1.13	1.414	0.6	234.8	4.2	6565	0.5	3.2	11.8	738	6.68	15.3	1379	0.6	6	32.7	2.3	4.0	50	0.16

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Project: Babine Lake Cu
Report Date: August 06, 2013

CERTIFICATE OF ANALYSIS SMI13000088.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	7AX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Zn
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	5
45051	Rock	0.059	15	8	0.85	28	0.002	2	1.45	0.041	0.05	<0.1	<0.01	8.1	<0.1	0.10	8	0.5	<0.2	
45052	Rock	0.063	11	8	1.00	16	0.009	<1	1.68	0.091	0.03	<0.1	0.02	9.3	<0.1	0.16	10	<0.5	<0.2	
45053	Rock	0.020	1	3	1.26	16	0.001	<1	0.29	0.047	0.02	<0.1	<0.01	7.4	<0.1	0.13	1	<0.5	<0.2	
45054	Rock	0.214	30	20	1.40	132	0.004	<1	2.01	0.028	0.14	<0.1	<0.01	5.0	<0.1	0.38	9	<0.5	<0.2	
45055	Rock	0.007	36	1	0.02	36	<0.001	<1	0.29	0.003	0.30	<0.1	<0.01	0.6	<0.1	<0.05	<1	<0.5	<0.2	
45056	Rock	0.004	27	4	<0.01	11	<0.001	1	0.14	0.006	0.16	<0.1	<0.01	0.3	<0.1	0.08	<1	<0.5	0.3	
45057	Rock Pulp	0.012	3	26	1.54	102	0.029	5	2.33	0.040	0.56	0.6	0.14	8.2	<0.1	<0.05	9	<0.5	<0.2	
45058	Rock	0.001	7	4	<0.01	3	<0.001	<1	0.03	0.002	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2	
45151	Rock	0.032	6	3	0.34	52	0.009	2	0.87	0.019	0.26	<0.1	<0.01	3.7	0.1	<0.05	3	<0.5	<0.2	
45152	Rock	0.060	3	18	2.12	40	0.010	<1	2.98	0.018	0.40	<0.1	<0.01	10.7	0.2	2.00	8	0.6	0.4	
45153	Rock	0.045	2	6	0.45	98	0.004	2	0.86	0.003	0.30	<0.1	0.01	4.0	0.1	0.86	2	<0.5	1.6	
45154	Rock	0.062	4	8	0.57	45	<0.001	2	0.37	0.012	0.21	<0.1	0.01	6.1	0.1	3.79	<1	<0.5	1.8	
45155	Rock	0.073	5	7	0.05	69	<0.001	2	0.40	0.009	0.20	<0.1	<0.01	5.9	0.1	1.10	<1	0.6	4.5	
45156	Rock	0.086	8	42	0.79	611	0.171	2	1.29	0.047	0.12	<0.1	<0.01	3.0	<0.1	<0.05	7	<0.5	<0.2	
45157	Rock	0.060	5	11	0.59	43	0.040	<1	1.31	0.039	0.08	<0.1	<0.01	1.9	<0.1	<0.05	4	<0.5	<0.2	
45158	Rock	0.049	6	8	0.62	295	0.119	1	1.34	0.042	0.16	0.1	<0.01	3.8	<0.1	<0.05	4	<0.5	<0.2	
45159	Rock	0.011	24	2	0.05	34	0.003	<1	0.24	0.040	0.10	<0.1	0.04	1.7	<0.1	<0.05	1	<0.5	<0.2	
45160	Rock	0.178	9	108	1.98	65	0.156	<1	2.67	0.057	0.03	<0.1	<0.01	4.4	<0.1	<0.05	9	<0.5	<0.2	
45163	Rock Pulp	0.065	9	40	0.46	94	0.045	36	1.28	0.038	0.60	11.3	<0.01	1.4	0.4	2.63	3	0.6	0.2	
45164	Rock	0.002	6	4	<0.01	2	0.001	<1	0.03	0.002	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
1043972	Rock	0.085	5	79	2.94	71	0.162	5	2.52	0.128	0.03	0.1	<0.01	24.2	<0.1	<0.05	9	<0.5	<0.2	
1043973	Rock	0.075	6	64	2.80	43	0.111	12	3.49	0.050	0.05	<0.1	<0.01	19.7	<0.1	<0.05	11	<0.5	<0.2	
1043974	Rock	0.041	11	8	0.15	50	0.002	2	0.35	0.052	0.09	<0.1	0.01	6.9	0.3	0.49	2	<0.5	<0.2	
1043975	Rock	0.067	11	35	0.77	51	0.002	1	1.26	0.049	0.04	0.2	0.05	12.2	0.5	0.50	8	<0.5	<0.2	
1043976	Rock	0.073	8	10	1.50	36	0.007	1	2.18	0.065	0.05	<0.1	<0.01	10.1	<0.1	0.10	13	<0.5	<0.2	
1043977	Rock	0.054	11	17	0.62	113	0.002	2	1.15	0.045	0.06	<0.1	0.03	8.9	<0.1	0.21	8	<0.5	<0.2	
1043978	Rock	0.064	22	22	1.07	44	0.004	1	0.97	0.026	0.05	<0.1	<0.01	10.8	<0.1	0.13	6	<0.5	<0.2	
1043979	Rock	0.096	6	2	0.20	64	0.004	2	0.70	0.034	0.17	<0.1	0.07	11.7	0.2	2.05	5	<0.5	<0.2	
1043980	Rock	0.026	4	7	0.41	29	0.001	<1	0.25	0.042	0.05	<0.1	0.14	5.5	0.4	4.42	1	<0.5	0.3	11649
1043981	Rock	0.080	8	4	0.28	56	0.021	3	0.72	0.039	0.28	<0.1	0.08	11.0	0.4	2.10	5	<0.5	0.3	

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Project: Babine Lake Cu
Report Date: August 06, 2013

CERTIFICATE OF ANALYSIS SMI13000088.1

	Method	WGHT	G6	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1043982	Rock	0.67	0.070	110.6	194.8	8.5	>10000	0.6	2.1	6.7	1197	5.23	6.7	54.5	0.4	12	52.9	2.7	0.6	3	2.02
1043983	Rock	1.35	0.093	0.9	67.1	10.5	103	0.6	7.2	24.8	1082	5.54	79.4	91.0	2.2	7	0.2	1.3	4.5	113	0.20
1043984	Rock	0.42	0.016	0.3	21.3	4.3	54	0.1	5.5	44.6	160	7.93	2.0	18.2	0.1	26	0.2	0.1	1.0	108	0.93

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Project: Babine Lake Cu
Report Date: August 06, 2013

CERTIFICATE OF ANALYSIS SMI13000088.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	7AX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Zn
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	5
1043982	Rock	0.021	6	3	0.10	27	<0.001	1	0.31	0.024	0.21	<0.1	0.10	1.3	0.3	3.30	<1	0.6	<0.2	11575
1043983	Rock	0.080	20	21	1.83	59	0.014	<1	2.00	0.042	0.07	<0.1	0.03	11.4	0.1	1.77	11	<0.5	1.2	
1043984	Rock	0.069	2	3	1.71	11	0.025	<1	2.68	0.217	0.19	<0.1	0.01	14.3	0.3	7.16	8	1.6	0.2	

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Project: Babine Lake Cu
Report Date: August 06, 2013

QUALITY CONTROL REPORT SMI13000088.1

	Method	WGHT	G6	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
45051	Rock	1.34	<0.005	0.3	26.2	13.0	94	<0.1	3.5	5.5	1102	3.18	5.9	1.2	0.4	27	<0.1	0.2	<0.1	37	5.35
REP 45051	QC			0.3	27.1	12.6	91	<0.1	3.7	6.0	1114	3.23	6.2	3.1	0.4	28	0.1	0.1	<0.1	37	5.39
45157	Rock	1.55	<0.005	<0.1	3.5	1.9	54	<0.1	5.7	8.0	564	2.01	1.2	6.5	0.8	132	<0.1	<0.1	<0.1	27	0.99
REP 45157	QC		<0.005																		
1043973	Rock	2.43	<0.005	0.2	227.7	9.1	199	0.5	63.3	32.8	1349	4.24	5.2	1.4	0.9	16	0.3	0.1	<0.1	171	3.42
REP 1043973	QC		<0.005																		
1043979	Rock	0.85	1.370	0.2	5223	6.9	2851	25.9	1.6	9.4	755	11.26	333.1	1365	0.4	9	11.0	6.1	10.3	60	0.14
REP 1043979	QC			0.3	5336	6.9	2882	25.9	1.4	9.7	755	11.33	335.2	1526	0.4	9	11.2	5.6	11.0	60	0.10
1043980	Rock	1.21	1.308	0.4	358.3	5.0	>10000	1.1	3.2	21.3	679	6.96	24.1	1088	0.4	11	77.6	2.8	3.1	23	0.98
REP 1043980	QC																				
1043982	Rock	0.67	0.070	110.6	194.8	8.5	>10000	0.6	2.1	6.7	1197	5.23	6.7	54.5	0.4	12	52.9	2.7	0.6	3	2.02
REP 1043982	QC																				
1043983	Rock	1.35	0.093	0.9	67.1	10.5	103	0.6	7.2	24.8	1082	5.54	79.4	91.0	2.2	7	0.2	1.3	4.5	113	0.20
REP 1043983	QC			1.2	70.6	10.0	97	0.7	7.5	25.7	1075	5.56	79.9	86.7	2.1	8	0.2	1.2	4.8	113	0.19
1043984	Rock	0.42	0.016	0.3	21.3	4.3	54	0.1	5.5	44.6	160	7.93	2.0	18.2	0.1	26	0.2	0.1	1.0	108	0.93
REP 1043984	QC			0.2	20.3	4.1	52	<0.1	5.2	44.7	164	8.05	2.1	17.6	0.1	26	<0.1	<0.1	0.9	109	0.97
Core Reject Duplicates																					
45155	Rock	1.36	0.096	1.2	73.3	11.3	133	0.4	9.8	7.3	765	6.23	130.9	100.8	1.6	4	0.3	2.1	8.4	32	0.04
DUP 45155	QC		0.098	1.2	78.5	12.0	133	0.4	10.2	8.0	770	6.23	139.1	148.4	1.6	4	0.3	2.1	9.0	32	0.04
Reference Materials																					
STD DS9	Standard			13.0	106.3	124.2	310	1.7	37.9	7.4	620	2.50	25.6	120.6	6.7	72	2.5	5.9	6.0	41	0.70
STD DS9	Standard			13.8	112.0	132.6	304	1.6	39.5	7.8	644	2.54	24.7	115.3	7.5	74	2.3	5.8	6.3	42	0.74
STD OXC109	Standard		0.200																		
STD OXC109	Standard		0.199																		
STD OXI96	Standard		1.781																		
STD OXL93	Standard		5.783																		
STD OXL93	Standard		5.799																		
STD SF-3A	Standard																				

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Project: Babine Lake Cu
Report Date: August 06, 2013

QUALITY CONTROL REPORT SMI13000088.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	7AX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Zn
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	5
Pulp Duplicates																				
45051	Rock	0.059	15	8	0.85	28	0.002	2	1.45	0.041	0.05	<0.1	<0.01	8.1	<0.1	0.10	8	0.5	<0.2	
REP 45051	QC	0.060	15	8	0.86	28	0.002	2	1.46	0.042	0.06	<0.1	<0.01	8.3	<0.1	0.10	8	<0.5	<0.2	
45157	Rock	0.060	5	11	0.59	43	0.040	<1	1.31	0.039	0.08	<0.1	<0.01	1.9	<0.1	<0.05	4	<0.5	<0.2	
REP 45157	QC																			
1043973	Rock	0.075	6	64	2.80	43	0.111	12	3.49	0.050	0.05	<0.1	<0.01	19.7	<0.1	<0.05	11	<0.5	<0.2	
REP 1043973	QC																			
1043979	Rock	0.096	6	2	0.20	64	0.004	2	0.70	0.034	0.17	<0.1	0.07	11.7	0.2	2.05	5	<0.5	<0.2	
REP 1043979	QC	0.101	6	2	0.21	63	0.004	2	0.71	0.034	0.17	<0.1	0.08	11.8	0.2	2.06	5	<0.5	<0.2	
1043980	Rock	0.026	4	7	0.41	29	0.001	<1	0.25	0.042	0.05	<0.1	0.14	5.5	0.4	4.42	1	<0.5	0.3	11649
REP 1043980	QC																			11815
1043982	Rock	0.021	6	3	0.10	27	<0.001	1	0.31	0.024	0.21	<0.1	0.10	1.3	0.3	3.30	<1	0.6	<0.2	11575
REP 1043982	QC																			12165
1043983	Rock	0.080	20	21	1.83	59	0.014	<1	2.00	0.042	0.07	<0.1	0.03	11.4	0.1	1.77	11	<0.5	1.2	
REP 1043983	QC	0.080	21	20	1.81	67	0.014	<1	2.01	0.044	0.07	<0.1	0.03	11.3	0.1	1.78	10	<0.5	1.2	
1043984	Rock	0.069	2	3	1.71	11	0.025	<1	2.68	0.217	0.19	<0.1	0.01	14.3	0.3	7.16	8	1.6	0.2	
REP 1043984	QC	0.070	2	3	1.69	10	0.026	2	2.65	0.214	0.19	<0.1	<0.01	14.5	0.2	7.21	8	0.9	0.3	
Core Reject Duplicates																				
45155	Rock	0.073	5	7	0.05	69	<0.001	2	0.40	0.009	0.20	<0.1	<0.01	5.9	0.1	1.10	<1	0.6	4.5	
DUP 45155	QC	0.074	5	8	0.05	70	<0.001	1	0.41	0.009	0.20	<0.1	0.02	6.2	0.2	1.11	<1	<0.5	4.1	
Reference Materials																				
STD DS9	Standard	0.083	16	113	0.62	277	0.114	2	0.96	0.101	0.44	3.0	0.19	2.7	5.4	0.16	5	3.9	5.3	
STD DS9	Standard	0.083	19	122	0.63	282	0.131	2	0.99	0.095	0.42	3.2	0.16	2.7	5.2	0.16	5	5.3	4.9	
STD OXC109	Standard																			
STD OXC109	Standard																			
STD OXI96	Standard																			
STD OXL93	Standard																			
STD OXL93	Standard																			
STD SF-3A	Standard																			10253

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Client: **Anglo American Exploration (Canada) Ltd.**
800 - 700 W. Pender St.
Vancouver BC V6C 1G8 CANADA

Project: Babine Lake Cu
Report Date: August 06, 2013

QUALITY CONTROL REPORT SMI13000088.1

		WGHT	G6	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
STD SF-3A	Standard																				
STD SF-3A	Standard																				
STD SF-3A	Standard																				
STD SG56	Standard		1.024																		
STD OXI96 Expected			1.802																		
STD OXC109 Expected			0.201																		
STD SG56 Expected			1.027																		
STD OXL93 Expected			5.841																		
STD DS9 Expected				12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD SF-3A Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	0.1	<0.1	<1	<0.1	0.1	<0.1	<1	0.02	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.04	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		<0.005	0.1	1.9	2.6	42	<0.1	3.3	3.7	504	1.72	0.8	9.9	3.9	46	<0.1	<0.1	0.2	30	0.36
G1	Prep Blank		<0.005	<0.1	1.9	2.3	42	<0.1	2.9	3.4	484	1.62	0.7	3.9	4.1	43	<0.1	<0.1	0.1	29	0.35

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800 - 700 W. Pender St.
Vancouver BC V6C 1G8 CANADA

Project: Babine Lake Cu
Report Date: August 06, 2013

QUALITY CONTROL REPORT SMI13000088.1

		1DX30 P % 0.001	1DX30 La ppm 1	1DX30 Cr ppm 1	1DX30 Mg % 0.01	1DX30 Ba ppm 1	1DX30 Ti % 0.001	1DX30 B ppm 1	1DX30 Al % 0.01	1DX30 Na % 0.001	1DX30 K % 0.01	1DX30 W ppm 0.1	1DX30 Hg ppm 0.01	1DX30 Sc ppm 0.1	1DX30 Tl ppm 0.1	1DX30 S % 0.05	1DX30 Ga ppm 1	1DX30 Se ppm 0.5	1DX30 Te ppm 0.2	7AX Zn ppm 5
STD SF-3A	Standard																			10563
STD SF-3A	Standard																			10001
STD SF-3A	Standard																			10199
STD SG56	Standard																			
STD OXI96 Expected																				
STD OXC109 Expected																				
STD SG56 Expected																				
STD OXL93 Expected																				
STD DS9 Expected		0.0819	13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02	
STD SF-3A Expected																				10750
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			<5
BLK	Blank																			<5
Prep Wash																				
G1	Prep Blank	0.071	8	7	0.50	200	0.085	2	0.81	0.060	0.43	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.069	7	7	0.48	189	0.093	1	0.76	0.053	0.41	<0.1	<0.01	1.9	0.3	<0.05	4	<0.5	<0.2	

Appendix B

Assay Certificates
Humus

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Anglo American Exploration (Canada) Ltd.**
800 - 700 W. Pender St.
Vancouver BC V6C 1G8 CANADA

Submitted By: Babine Lake Cu Distribution List
Receiving Lab: Canada-Smithers
Received: July 17, 2013
Report Date: August 14, 2013
Page: 1 of 9

CERTIFICATE OF ANALYSIS SMI13000087.1

CLIENT JOB INFORMATION

Project: Babine Lake Cu
Shipment ID: 2013BLK001
P.O. Number
Number of Samples: 217

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

Acme 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
Air Dry	207	Air Dry			VAN
1F30	217	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN
2A08	217	Total C Analysis by Leco	0.1	Completed	VAN
RJSV	207	Saving all or part of Soil Reject			VAN

ADDITIONAL COMMENTS

Invoice To: Anglo American Exploration (Canada) Ltd.
800 - 700 W. Pender St.
Vancouver BC V6C 1G8
CANADA

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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. Acme 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: **Anglo American Exploration (Canada) Ltd.**
800 - 700 W. Pender St.
Vancouver BC V6C 1G8 CANADA

Project: Babine Lake Cu
Report Date: August 14, 2013

CERTIFICATE OF ANALYSIS SMI13000087.1

Method		WGHT	SS60	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		Wgt	Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.001	0.1	0.01	0.2	0.1	0.5	0.01	0.02	0.02	2
2353151	Humus	0.94	935	0.64	9.67	6.16	75.2	396	2.2	1.6	710	0.482	1.5	0.08	2.9	<0.1	28.0	0.96	0.14	0.17	10
2353152	Humus	1.08	1075	1.38	9.54	7.57	69.2	262	2.6	1.9	892	0.576	2.4	0.09	2.1	<0.1	40.6	0.81	0.19	0.12	12
2353153	Humus	1.36	1360	0.92	16.10	10.30	166.6	691	4.9	3.2	1825	1.159	7.6	0.10	95.8	<0.1	40.5	1.20	0.37	0.11	24
2353154	Humus	1.10	1100	0.97	11.22	7.43	144.1	458	2.9	2.8	3401	0.583	2.4	0.07	4.4	<0.1	40.9	1.38	0.15	0.10	13
2353155	Humus	1.14	1135	1.33	16.89	7.30	111.4	295	11.5	5.0	1894	1.195	5.3	0.10	2.4	<0.1	36.1	1.04	0.20	0.10	27
2353156	Humus	1.00	1000	0.99	17.98	5.43	92.5	363	4.8	3.9	2006	0.722	2.5	0.27	1.3	<0.1	104.8	1.48	0.35	0.08	12
2353157	Humus	0.64	640	0.91	9.85	6.23	152.3	317	2.6	1.4	3521	0.602	2.0	0.06	0.2	<0.1	52.5	0.60	0.14	0.11	13
2353158	Humus	0.81	810	0.90	15.05	7.39	84.8	403	4.0	2.6	1489	0.625	1.6	0.33	<0.2	<0.1	75.9	0.85	0.31	0.10	9
2353159	Humus	0.93	925	1.01	16.77	7.01	66.0	596	3.9	2.2	1495	0.580	1.1	0.37	<0.2	0.1	72.8	0.93	0.31	0.14	8
2353160	Humus	0.89	890	0.98	8.90	4.85	54.4	113	1.9	0.8	193	0.414	1.5	0.05	1.3	0.1	35.6	0.46	0.13	0.09	9
2353161	Humus	0.62	620	1.08	7.87	3.84	98.2	310	1.6	0.7	749	0.175	0.6	0.04	<0.2	<0.1	27.4	1.02	0.11	0.06	3
2353162	Humus	0.84	840	1.61	8.88	7.55	70.7	115	2.6	1.5	257	0.583	1.5	0.05	<0.2	<0.1	21.7	0.88	0.16	0.08	13
2353163	Humus	0.56	555	2.45	12.58	3.01	71.1	158	1.7	0.8	715	0.142	0.6	0.02	<0.2	<0.1	32.7	1.02	0.11	0.04	2
2353164	Humus	0.61	605	1.69	9.90	2.95	89.6	235	2.9	1.1	1170	0.174	0.5	0.03	0.4	<0.1	59.3	1.13	0.06	0.04	3
2353165	Rock Pulp	0.08		0.30	26.97	7.33	33.0	67	7.5	12.4	392	4.411	1.9	0.56	1.4	2.1	23.0	0.10	0.04	0.12	151
2353166	Humus	1.15	1150	0.88	7.15	5.14	87.8	463	1.8	1.3	2041	0.388	0.6	0.05	0.5	<0.1	19.4	0.75	0.12	0.07	9
2353167	Humus	1.11	1110	1.03	11.21	5.98	71.6	267	4.2	2.4	919	1.290	4.2	0.10	2.3	<0.1	25.8	0.69	0.34	0.11	32
2353168	Humus	0.90	895	0.93	11.26	2.45	94.2	184	1.6	0.4	882	0.120	0.5	0.01	<0.2	<0.1	32.8	0.84	0.07	0.02	2
2353169	Humus	0.67	670	1.25	7.71	7.60	371.7	199	4.9	4.5	8243	0.346	0.8	0.09	1.1	<0.1	89.8	1.23	0.15	0.06	6
2353170	Humus	0.72	720	0.78	6.54	3.35	41.1	348	1.2	0.4	659	0.064	0.3	0.01	<0.2	<0.1	13.7	0.31	0.07	<0.02	<2
2353171	Humus	0.94	940	0.63	4.44	2.20	95.1	67	1.0	0.5	1947	0.068	0.3	0.02	0.4	<0.1	60.7	0.23	0.09	<0.02	<2
2353172	Humus	0.88	875	0.91	8.08	2.93	41.2	166	0.9	0.2	661	0.072	0.5	0.02	<0.2	<0.1	21.4	0.22	0.10	0.02	<2
2353173	Humus	1.01	1005	0.69	11.17	6.02	114.5	588	3.9	5.6	3760	0.342	1.0	0.31	0.3	<0.1	122.0	0.60	0.26	0.04	5
2353174	Humus	0.90	895	0.44	6.91	2.19	124.6	260	2.1	0.6	628	0.172	0.6	0.06	0.2	<0.1	88.1	1.08	0.08	0.02	<2
2353175	Humus	1.37	1370	0.54	10.45	3.07	237.9	195	2.9	0.8	2603	0.168	0.8	0.11	1.0	<0.1	116.6	1.30	0.14	0.02	2
2353176	Humus	0.52	515	1.21	7.28	4.00	56.5	305	1.6	0.7	3015	0.201	0.6	0.04	0.6	<0.1	27.2	0.30	0.11	0.04	5
2353177	Humus	0.59	590	0.75	5.86	2.02	34.7	117	0.9	0.3	313	0.113	0.4	0.07	<0.2	<0.1	83.7	0.47	0.12	0.02	<2
2353178	Humus	0.81	810	0.74	9.26	3.50	43.1	458	1.8	5.5	2068	0.500	3.0	0.06	2.8	<0.1	81.9	0.84	0.12	0.04	5
2353179	Humus	1.26	1260	1.03	7.91	3.49	49.8	567	1.1	0.9	1033	0.190	1.1	0.03	4.5	<0.1	56.0	0.78	0.10	0.03	4
2353180	Rock Pulp	0.08		0.32	28.79	7.67	37.6	63	7.8	12.0	396	4.426	1.7	0.58	0.6	2.0	22.0	0.13	0.03	0.11	150

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Project: Babine Lake Cu
Report Date: August 14, 2013

CERTIFICATE OF ANALYSIS SMI13000087.1

Method		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.001	0.001	0.5	0.5	0.01	0.5	0.001	1	0.001	0.001	0.001	0.01	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
2353151	Humus	0.675	0.073	2.2	3.9	0.10	126.9	0.009	7	0.427	0.006	0.066	0.08	0.09	224	0.1	0.02	1.5	0.63	<0.1	<0.02
2353152	Humus	0.683	0.077	3.4	3.7	0.11	102.2	0.009	5	0.412	0.006	0.058	0.06	0.07	208	0.1	<0.02	1.4	0.59	<0.1	<0.02
2353153	Humus	0.917	0.108	3.4	6.6	0.21	163.1	0.014	4	0.877	0.009	0.092	0.09	0.12	139	<0.1	0.02	2.5	0.88	<0.1	<0.02
2353154	Humus	0.846	0.065	2.6	3.8	0.13	227.6	0.009	2	0.512	0.007	0.071	0.09	0.11	163	<0.1	<0.02	2.0	0.65	<0.1	<0.02
2353155	Humus	0.761	0.082	3.2	8.8	0.29	161.5	0.052	2	0.957	0.067	0.074	0.08	0.13	204	0.2	0.03	2.8	1.15	<0.1	0.03
2353156	Humus	1.893	0.121	15.9	4.5	0.19	201.1	0.007	5	0.687	0.005	0.081	0.05	0.11	217	0.2	0.02	1.3	0.74	<0.1	<0.02
2353157	Humus	0.965	0.075	2.4	4.0	0.08	342.5	0.010	5	0.482	0.009	0.072	0.04	0.13	233	0.2	0.03	1.7	0.61	<0.1	<0.02
2353158	Humus	1.365	0.103	19.8	4.7	0.13	265.8	0.006	3	0.897	0.004	0.056	0.05	0.10	252	<0.1	0.06	2.1	0.94	<0.1	<0.02
2353159	Humus	1.296	0.107	24.6	4.2	0.13	214.9	0.005	3	0.959	0.005	0.053	0.05	0.08	255	<0.1	0.03	1.8	0.88	<0.1	<0.02
2353160	Humus	0.523	0.067	1.8	3.5	0.07	137.9	0.008	3	0.268	0.005	0.049	0.05	0.05	152	<0.1	<0.02	1.0	0.64	<0.1	<0.02
2353161	Humus	0.705	0.095	1.2	1.9	0.07	130.8	0.005	5	0.234	0.006	0.153	0.05	0.04	270	0.2	<0.02	0.5	0.59	<0.1	<0.02
2353162	Humus	0.358	0.074	1.2	3.6	0.05	160.0	0.010	2	0.364	0.008	0.059	0.07	0.12	162	0.2	0.02	1.4	0.99	<0.1	<0.02
2353163	Humus	0.589	0.112	0.7	2.1	0.06	116.6	0.004	1	0.162	0.004	0.088	0.03	0.09	271	<0.1	<0.02	0.4	1.10	<0.1	<0.02
2353164	Humus	1.143	0.106	1.6	1.9	0.11	368.6	0.006	7	0.294	0.005	0.199	0.13	0.16	312	0.1	<0.02	0.6	0.69	<0.1	<0.02
2353165	Rock Pulp	0.249	0.040	11.6	15.8	0.35	65.1	0.387	<1	5.040	0.045	0.019	0.10	0.14	33	0.3	0.04	10.3	1.01	0.2	0.64
2353166	Humus	0.634	0.101	1.8	3.9	0.08	111.2	0.009	6	0.340	0.007	0.118	0.04	0.07	285	0.1	<0.02	1.3	0.78	<0.1	<0.02
2353167	Humus	0.576	0.084	2.5	7.8	0.12	171.6	0.017	3	0.517	0.008	0.088	0.12	0.10	151	0.2	0.06	2.9	0.95	<0.1	<0.02
2353168	Humus	0.663	0.107	<0.5	2.3	0.08	136.0	0.004	7	0.129	0.004	0.151	0.04	0.08	238	<0.1	<0.02	0.5	0.44	<0.1	<0.02
2353169	Humus	1.870	0.148	5.0	3.3	0.11	764.8	0.005	4	0.444	0.006	0.160	0.04	0.12	341	<0.1	0.03	1.5	1.27	<0.1	<0.02
2353170	Humus	0.298	0.150	<0.5	1.4	0.05	166.8	0.002	2	0.068	0.003	0.160	0.04	0.10	337	<0.1	<0.02	0.3	0.44	<0.1	<0.02
2353171	Humus	1.051	0.084	1.0	1.7	0.07	207.0	0.002	4	0.059	0.007	0.085	0.03	0.09	280	<0.1	0.02	0.4	0.25	<0.1	<0.02
2353172	Humus	0.394	0.104	<0.5	1.8	0.05	136.2	0.002	3	0.065	0.003	0.154	0.02	0.08	215	<0.1	0.03	0.3	0.64	<0.1	<0.02
2353173	Humus	1.285	0.157	23.5	3.1	0.11	1546	0.005	3	0.615	0.004	0.151	0.05	0.06	314	<0.1	0.03	1.0	0.79	<0.1	<0.02
2353174	Humus	1.459	0.105	1.9	2.0	0.09	355.8	0.003	10	0.227	0.003	0.195	0.05	0.04	308	0.1	<0.02	0.5	0.62	<0.1	<0.02
2353175	Humus	2.104	0.149	8.7	1.8	0.10	500.0	0.003	10	0.215	0.003	0.187	0.02	0.06	296	<0.1	<0.02	0.7	0.68	<0.1	<0.02
2353176	Humus	0.769	0.125	1.2	2.4	0.06	221.8	0.006	4	0.160	0.006	0.169	0.04	0.17	257	<0.1	<0.02	1.1	0.73	<0.1	<0.02
2353177	Humus	1.628	0.106	3.7	1.6	0.08	251.4	0.002	10	0.104	0.002	0.116	0.03	0.09	252	0.1	<0.02	0.4	0.81	<0.1	<0.02
2353178	Humus	1.182	0.088	3.0	2.2	0.12	145.4	0.004	2	0.247	0.005	0.061	0.03	0.04	149	<0.1	0.02	0.8	0.22	<0.1	<0.02
2353179	Humus	0.910	0.079	0.9	2.0	0.11	103.4	0.006	4	0.177	0.006	0.065	0.04	0.04	170	<0.1	<0.02	0.7	0.36	<0.1	<0.02
2353180	Rock Pulp	0.239	0.044	11.8	16.5	0.36	64.9	0.386	<1	5.082	0.046	0.020	0.12	0.14	45	0.4	0.06	10.5	1.02	0.2	0.64

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Client: **Anglo American Exploration (Canada) Ltd.**
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Project: Babine Lake Cu
Report Date: August 14, 2013

CERTIFICATE OF ANALYSIS SMI13000087.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	2A Leco
	Analyte	Nb	Rb	Sc	Sn	S	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Weight	TOT/C
	Unit	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	g	%
	MDL	0.02	0.1	0.1	0.02	0.01	0.05	0.1	0.01	0.01	0.02	1	0.1	0.1	10	2	0.1	0.02
2353151	Humus	0.21	5.4	1.0	0.40	0.05	<0.05	0.4	1.29	3.77	<0.02	1	<0.1	1.9	<10	<2	28.7	41.70
2353152	Humus	0.18	6.0	1.0	0.22	0.10	<0.05	<0.1	3.27	5.82	<0.02	<1	0.2	1.7	<10	<2	28.7	35.10
2353153	Humus	0.29	8.5	1.5	0.18	0.07	<0.05	0.2	3.10	6.43	0.05	1	0.2	4.8	<10	<2	29.0	29.20
2353154	Humus	0.19	6.8	0.7	0.16	0.08	<0.05	0.1	1.78	5.09	<0.02	<1	0.2	1.6	<10	<2	29.2	32.10
2353155	Humus	0.74	8.8	1.9	0.24	0.09	<0.05	2.0	2.72	5.72	0.02	1	0.1	3.5	<10	<2	29.1	34.10
2353156	Humus	0.19	5.1	1.3	0.12	0.17	<0.05	0.4	20.93	26.62	0.03	1	0.2	2.1	<10	<2	29.2	38.00
2353157	Humus	0.21	7.6	0.6	0.12	0.09	<0.05	<0.1	1.32	3.47	<0.02	<1	<0.1	1.4	<10	<2	29.3	30.90
2353158	Humus	0.25	5.9	1.4	0.10	0.12	<0.05	0.3	17.83	32.76	<0.02	1	0.5	2.7	<10	<2	29.7	37.70
2353159	Humus	0.21	4.1	2.2	0.11	0.14	<0.05	0.4	22.63	40.61	<0.02	<1	0.3	2.6	<10	<2	28.9	41.50
2353160	Humus	0.13	3.8	0.7	0.09	0.09	<0.05	0.3	1.08	2.61	<0.02	2	<0.1	1.2	<10	<2	29.4	38.70
2353161	Humus	0.10	4.5	0.6	0.10	0.11	<0.05	0.3	0.49	2.00	<0.02	<1	<0.1	0.4	<10	<2	29.2	45.30
2353162	Humus	0.20	3.7	0.6	0.13	0.09	<0.05	0.1	0.73	2.08	<0.02	2	0.1	1.0	<10	<2	28.6	43.30
2353163	Humus	0.05	6.5	0.5	0.08	0.13	<0.05	0.2	0.64	1.24	<0.02	2	<0.1	0.3	<10	<2	28.7	50.00
2353164	Humus	0.12	7.0	0.7	0.03	0.13	<0.05	0.3	0.90	1.57	<0.02	1	<0.1	0.3	<10	<2	29.9	48.30
2353165	Rock Pulp	0.50	2.4	12.2	0.93	<0.01	<0.05	42.2	16.91	33.82	0.07	<1	0.7	5.1	<10	3	29.2	0.95
2353166	Humus	0.19	7.2	0.5	0.11	0.09	<0.05	0.2	0.81	2.85	<0.02	<1	<0.1	0.7	<10	<2	28.7	36.90
2353167	Humus	0.43	5.5	1.2	0.20	0.07	<0.05	0.2	1.35	4.51	<0.02	<1	<0.1	2.4	<10	<2	30.7	23.30
2353168	Humus	0.04	4.0	0.5	<0.02	0.11	<0.05	0.2	0.32	0.88	<0.02	3	<0.1	0.4	<10	<2	15.4	48.70
2353169	Humus	0.11	8.5	0.8	<0.02	0.11	<0.05	0.1	4.11	15.88	<0.02	3	<0.1	1.2	<10	<2	30.8	37.90
2353170	Humus	<0.02	5.9	0.4	<0.02	0.10	<0.05	0.1	0.17	0.41	<0.02	<1	<0.1	0.1	<10	<2	28.7	54.30
2353171	Humus	0.03	4.5	0.6	0.04	0.13	<0.05	0.1	0.99	1.67	<0.02	<1	<0.1	<0.1	<10	<2	29.2	48.10
2353172	Humus	0.02	7.5	0.5	<0.02	0.09	<0.05	0.1	0.28	0.65	<0.02	2	<0.1	0.1	<10	<2	29.3	51.50
2353173	Humus	0.07	6.6	1.8	<0.02	0.10	<0.05	0.2	19.48	54.85	<0.02	1	0.3	1.1	<10	<2	29.3	40.20
2353174	Humus	0.05	9.0	1.3	<0.02	0.11	<0.05	0.3	1.55	3.73	<0.02	4	<0.1	0.5	<10	<2	29.3	46.40
2353175	Humus	0.05	7.9	0.9	<0.02	0.13	<0.05	0.3	8.88	15.66	<0.02	1	0.1	0.5	<10	<2	29.6	44.40
2353176	Humus	0.09	6.6	0.6	0.07	0.10	<0.05	<0.1	0.39	1.87	<0.02	1	<0.1	0.2	<10	<2	29.2	41.00
2353177	Humus	0.05	6.0	0.4	<0.02	0.13	<0.05	0.3	3.59	3.10	<0.02	2	<0.1	0.2	<10	<2	29.5	49.40
2353178	Humus	0.08	2.5	0.4	<0.02	0.10	<0.05	<0.1	3.14	4.34	<0.02	2	<0.1	0.4	<10	<2	29.4	47.60
2353179	Humus	0.09	4.6	0.6	<0.02	0.11	<0.05	0.2	0.58	1.45	<0.02	1	<0.1	0.3	<10	<2	29.4	44.20
2353180	Rock Pulp	0.48	2.5	12.3	0.93	<0.01	<0.05	42.3	16.58	32.80	0.07	<1	0.7	6.0	<10	<2	28.9	0.96

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Project: Babine Lake Cu
Report Date: August 14, 2013

CERTIFICATE OF ANALYSIS SMI13000087.1

Method		WGHT	SS60	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		Wgt	Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.001	0.1	0.01	0.2	0.1	0.5	0.01	0.02	0.02	2
2353181	Humus	0.89	885	1.24	7.62	5.97	81.9	512	2.3	0.9	1483	0.373	1.0	0.04	31.4	<0.1	35.6	0.60	0.13	0.07	9
2353182	Humus	0.64	635	1.33	18.96	7.96	56.2	942	4.3	3.6	1221	0.849	2.7	0.26	1.6	<0.1	82.9	0.92	0.28	0.12	16
2353183	Humus	0.76	755	1.21	11.24	6.33	95.9	510	3.0	2.4	1841	0.829	1.9	0.07	3.8	<0.1	20.5	0.89	0.19	0.16	18
2353184	Humus	0.86	860	1.47	34.73	8.33	132.3	640	8.7	4.4	2789	0.856	2.0	0.26	2.1	<0.1	110.7	2.05	0.31	0.15	15
2353185	Humus	0.83	830	3.05	46.50	12.07	210.1	187	16.1	24.8	8635	5.230	20.0	0.35	19.6	0.2	38.5	3.57	0.56	0.63	65
2353186	Humus	0.70	700	0.72	8.11	4.65	519.3	666	3.5	1.8	8427	0.359	1.7	0.03	1.2	<0.1	101.3	2.30	0.09	0.06	7
2353187	Humus	0.64	635	1.10	10.11	11.03	103.7	1292	4.4	2.0	1237	0.796	4.5	0.07	8.5	<0.1	31.5	1.04	0.23	0.23	17
2353188	Humus	0.73	725	0.63	10.93	4.06	266.5	632	3.0	1.6	4713	0.220	1.4	0.03	1.1	<0.1	80.1	4.17	0.11	0.06	4
2353189	Humus	0.70	700	1.02	13.11	5.86	208.6	771	4.5	2.2	>10000	0.429	2.1	0.04	2.0	<0.1	61.5	2.84	0.13	0.09	10
2353190	Humus	0.86	860	1.14	7.42	5.56	207.3	496	3.0	1.8	5939	0.444	1.1	0.03	0.8	<0.1	39.9	1.15	0.10	0.06	10
2353191	Humus	0.86	860	0.59	8.61	2.85	152.7	520	2.6	0.8	3567	0.143	0.9	0.02	<0.2	<0.1	41.9	1.47	0.05	0.03	3
2353192	Humus	0.90	895	1.10	14.43	6.01	49.7	676	6.6	6.4	1336	0.739	2.0	0.17	2.9	<0.1	58.1	0.77	0.28	0.10	12
2353193	Humus	0.89	885	1.12	7.43	6.50	42.2	983	2.1	0.8	374	0.311	1.2	0.04	5.0	<0.1	18.1	1.02	0.72	0.08	7
2353194	Humus	0.87	870	2.43	21.33	14.77	121.8	1213	7.9	13.4	4430	1.212	4.4	0.40	1.6	<0.1	66.9	0.88	0.25	0.16	23
2353195	Humus	0.72	715	1.28	8.75	4.77	102.5	415	3.4	2.0	4769	0.263	1.2	0.03	0.3	<0.1	55.1	0.98	0.12	0.05	6
2353196	Humus	0.66	660	0.87	12.31	2.41	311.9	1022	2.5	1.1	2644	0.185	1.1	0.05	<0.2	<0.1	140.9	2.15	0.12	0.03	2
2353197	Humus	0.59	585	0.72	25.46	6.63	150.3	829	9.1	4.2	2479	0.970	4.4	0.42	1.4	<0.1	80.8	1.87	0.32	0.07	14
2353198	Humus	0.64	640	1.23	31.64	11.82	123.5	999	11.0	8.4	3168	1.155	3.6	0.44	1.6	<0.1	85.6	3.51	0.40	0.08	17
2353199	Humus	0.94	940	1.11	18.52	5.76	180.9	456	5.2	4.6	1850	0.539	2.6	0.19	0.3	<0.1	73.2	6.54	0.26	0.06	9
2353200	Humus	0.93	925	0.87	27.11	5.40	117.7	1404	6.4	2.1	2618	0.437	2.4	0.16	1.3	<0.1	64.3	4.94	0.22	0.15	7
2353201	Humus	1.14	1135	0.72	33.40	12.91	390.8	1332	9.7	3.8	212	1.505	14.1	0.18	11.6	<0.1	29.0	10.49	0.51	0.24	32
2353202	Humus	0.80	800	1.48	9.98	6.71	81.1	115	3.4	1.4	321	0.716	1.7	0.10	0.4	<0.1	22.4	0.70	0.13	0.11	17
2353203	Humus	0.78	775	1.62	13.04	6.82	128.2	123	4.2	1.9	541	0.998	2.3	0.10	<0.2	<0.1	30.0	0.78	0.16	0.11	23
2353204	Rock Pulp	0.08		0.30	26.82	7.61	36.8	60	7.7	12.9	363	4.411	2.0	0.55	2.0	2.1	28.6	0.08	0.04	0.12	153
2353205	Humus	0.90	900	1.01	11.90	6.27	81.2	292	3.3	2.3	1233	0.675	2.4	0.05	0.3	<0.1	44.6	1.17	0.18	0.07	14
2353206	Humus	0.81	805	0.82	11.80	3.89	316.6	1888	2.5	1.4	2691	0.378	1.2	0.03	<0.2	<0.1	32.9	3.13	0.11	0.05	8
2353207	Humus	0.67	670	0.83	8.06	4.45	60.6	704	2.4	1.1	389	0.615	1.8	0.04	1.5	<0.1	16.2	0.64	0.15	0.06	14
2353208	Humus	0.91	905	1.18	9.16	5.38	81.3	300	3.1	2.3	4443	0.723	1.8	0.07	0.8	<0.1	27.1	0.62	0.17	0.07	18
2353209	Humus	0.65	645	1.38	10.85	6.61	76.5	803	2.4	1.6	4831	0.458	1.1	0.05	0.6	<0.1	30.0	0.98	0.15	0.07	12
2353210	Humus	0.68	675	1.81	10.92	6.62	85.1	1095	2.7	2.7	1558	0.605	1.0	0.07	0.3	<0.1	53.0	0.87	0.18	0.07	14

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	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.001	0.5	0.5	0.01	0.5	0.001	1	0.001	0.001	0.001	0.01	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
2353181	Humus	0.697	0.067	1.5	3.5	0.06	227.4	0.010	4	0.290	0.009	0.088	0.06	0.06	226	0.1	0.04	1.2	0.49	<0.1	<0.02
2353182	Humus	1.156	0.077	11.5	5.8	0.17	224.3	0.012	3	0.730	0.005	0.051	0.10	0.07	135	<0.1	0.07	1.9	0.69	<0.1	<0.02
2353183	Humus	0.541	0.085	2.1	5.7	0.11	135.6	0.013	6	0.540	0.003	0.054	0.07	0.24	201	0.1	0.05	1.8	0.93	<0.1	<0.02
2353184	Humus	1.692	0.124	21.0	7.0	0.23	286.4	0.006	6	1.034	0.005	0.077	0.05	0.12	154	<0.1	0.06	2.2	1.22	<0.1	<0.02
2353185	Humus	0.827	0.096	14.2	23.6	0.47	257.9	0.012	2	2.076	0.013	0.088	0.05	0.38	125	0.1	0.33	4.7	3.66	<0.1	<0.02
2353186	Humus	2.346	0.101	1.1	1.9	0.09	1045	0.006	8	0.363	0.004	0.061	0.04	0.23	322	<0.1	0.04	1.3	0.96	<0.1	<0.02
2353187	Humus	0.832	0.078	2.8	5.8	0.09	216.5	0.009	6	0.532	0.005	0.078	0.06	0.08	192	<0.1	0.02	1.9	0.85	<0.1	<0.02
2353188	Humus	1.943	0.081	1.4	1.7	0.07	621.1	0.005	8	0.201	0.004	0.071	0.04	0.18	384	<0.1	0.03	0.7	0.83	<0.1	<0.02
2353189	Humus	1.556	0.088	2.5	3.6	0.10	838.6	0.003	6	0.355	0.004	0.091	0.04	0.37	368	<0.1	0.02	1.6	1.12	<0.1	<0.02
2353190	Humus	1.171	0.073	1.3	3.9	0.09	306.5	0.007	4	0.333	0.005	0.090	0.04	0.13	209	<0.1	0.03	1.5	0.59	<0.1	<0.02
2353191	Humus	1.463	0.073	0.6	1.4	0.08	471.8	0.004	7	0.163	0.002	0.065	0.02	0.15	321	<0.1	<0.02	0.8	0.89	<0.1	<0.02
2353192	Humus	0.972	0.097	8.6	6.6	0.15	225.9	0.005	4	0.700	0.004	0.059	0.05	0.13	221	<0.1	0.02	2.0	1.02	<0.1	<0.02
2353193	Humus	0.405	0.069	1.6	2.9	0.07	81.5	0.006	5	0.305	0.004	0.057	0.05	0.05	193	<0.1	<0.02	1.0	0.53	<0.1	<0.02
2353194	Humus	1.197	0.141	9.0	10.5	0.26	409.8	0.007	6	1.240	0.003	0.109	0.06	0.21	206	0.2	0.04	3.9	2.03	<0.1	<0.02
2353195	Humus	1.223	0.094	1.1	2.8	0.07	346.7	0.006	7	0.185	0.003	0.071	0.03	0.20	331	<0.1	0.06	0.9	0.71	<0.1	<0.02
2353196	Humus	3.027	0.090	2.3	1.8	0.12	738.6	0.003	16	0.135	0.003	0.058	<0.01	0.20	351	0.1	0.03	0.5	0.87	<0.1	<0.02
2353197	Humus	1.428	0.122	14.3	8.2	0.23	381.5	0.004	8	0.943	0.003	0.073	0.05	0.15	216	0.2	0.02	2.1	2.39	<0.1	<0.02
2353198	Humus	1.407	0.134	16.5	7.8	0.28	284.9	0.004	5	1.385	0.003	0.091	0.05	0.19	276	<0.1	0.04	2.8	1.52	<0.1	<0.02
2353199	Humus	1.657	0.104	5.8	4.8	0.15	221.4	0.005	7	0.518	0.002	0.070	0.04	0.15	219	0.1	<0.02	1.4	1.17	<0.1	<0.02
2353200	Humus	1.910	0.086	11.9	3.9	0.13	330.5	0.004	7	0.456	0.003	0.083	0.05	0.11	286	<0.1	0.09	1.1	1.14	<0.1	<0.02
2353201	Humus	0.774	0.067	11.2	13.0	0.17	181.7	0.014	5	0.723	0.004	0.111	0.10	0.05	196	0.1	0.07	2.8	2.17	<0.1	<0.02
2353202	Humus	0.421	0.079	2.0	5.0	0.07	214.9	0.011	4	0.463	0.005	0.092	0.07	0.20	192	0.3	0.04	2.3	1.16	<0.1	<0.02
2353203	Humus	0.674	0.095	2.4	6.1	0.12	277.7	0.013	5	0.558	0.005	0.083	0.17	0.21	145	0.2	0.04	2.6	1.21	<0.1	<0.02
2353204	Rock Pulp	0.297	0.042	11.2	16.6	0.36	64.7	0.383	<1	5.137	0.064	0.022	0.06	0.15	37	0.4	<0.02	11.4	1.09	0.1	0.58
2353205	Humus	0.797	0.091	1.7	4.9	0.12	127.4	0.008	5	0.370	0.003	0.093	0.06	0.05	216	0.3	0.04	1.3	0.71	<0.1	<0.02
2353206	Humus	1.573	0.074	0.9	3.0	0.09	307.4	0.008	8	0.231	0.003	0.062	0.03	0.19	348	0.1	0.03	1.0	1.49	<0.1	<0.02
2353207	Humus	0.419	0.072	1.4	4.1	0.08	61.0	0.009	3	0.481	0.003	0.093	0.06	0.04	193	0.2	<0.02	1.5	1.12	<0.1	<0.02
2353208	Humus	0.646	0.062	2.6	5.5	0.13	213.2	0.013	2	0.500	0.005	0.071	0.05	0.12	174	<0.1	<0.02	2.3	0.70	<0.1	<0.02
2353209	Humus	0.606	0.075	2.0	4.1	0.09	266.2	0.007	5	0.325	0.004	0.079	0.06	0.19	271	0.1	0.02	1.6	0.59	<0.1	<0.02
2353210	Humus	1.043	0.071	3.2	4.9	0.14	208.1	0.010	4	0.418	0.004	0.075	0.07	0.09	170	0.3	0.04	1.7	0.75	<0.1	<0.02

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Project: Babine Lake Cu
Report Date: August 14, 2013

CERTIFICATE OF ANALYSIS SMI13000087.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	2A Leco
	Analyte	Nb	Rb	Sc	Sn	S	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Weight	TOT/C
	Unit	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	g	%
	MDL	0.02	0.1	0.1	0.02	0.01	0.05	0.1	0.01	0.01	0.02	1	0.1	0.1	10	2	0.1	0.02
2353181	Humus	0.18	5.8	0.5	0.06	0.08	<0.05	0.1	0.71	2.10	<0.02	<1	<0.1	0.4	<10	<2	30.6	36.30
2353182	Humus	0.48	8.0	0.9	0.15	0.08	<0.05	<0.1	9.40	19.88	0.02	1	0.3	2.5	<10	<2	29.5	34.20
2353183	Humus	0.42	7.5	0.6	0.26	0.08	<0.05	<0.1	1.37	3.49	<0.02	1	<0.1	2.9	<10	<2	30.9	33.10
2353184	Humus	0.36	7.2	0.9	0.20	0.13	<0.05	<0.1	22.81	35.63	<0.02	<1	0.7	4.3	<10	<2	29.2	37.80
2353185	Humus	0.25	10.1	5.3	0.33	0.09	<0.05	0.3	18.62	30.42	0.06	1	0.4	9.4	<10	<2	28.9	15.80
2353186	Humus	0.18	4.2	1.9	0.05	0.12	<0.05	0.1	0.96	2.15	<0.02	1	<0.1	1.4	<10	<2	28.6	33.90
2353187	Humus	0.36	7.9	0.7	0.17	0.08	<0.05	<0.1	1.29	5.24	<0.02	2	<0.1	1.8	<10	<2	29.4	32.01
2353188	Humus	0.07	4.8	1.1	0.05	0.12	<0.05	0.2	1.09	2.57	<0.02	1	<0.1	0.5	<10	<2	28.9	43.62
2353189	Humus	0.09	7.3	0.3	0.10	0.10	<0.05	<0.1	1.89	4.82	<0.02	<1	<0.1	1.1	<10	<2	30.5	38.22
2353190	Humus	0.11	6.1	0.4	0.05	0.09	<0.05	<0.1	0.66	2.41	<0.02	3	<0.1	1.2	<10	<2	29.7	40.55
2353191	Humus	0.05	4.8	0.4	0.04	0.13	<0.05	0.1	0.43	1.15	<0.02	<1	<0.1	0.4	<10	<2	28.8	51.46
2353192	Humus	0.22	5.8	0.5	0.16	0.12	<0.05	<0.1	9.82	19.21	0.02	<1	0.3	2.3	<10	<2	28.9	39.72
2353193	Humus	0.11	4.2	0.5	0.14	0.08	<0.05	<0.1	0.65	3.10	<0.02	<1	<0.1	0.5	<10	<2	30.0	41.16
2353194	Humus	0.36	14.4	1.1	0.25	0.08	<0.05	<0.1	6.99	22.68	0.03	1	0.6	6.5	<10	<2	31.1	34.46
2353195	Humus	0.05	4.0	0.6	0.07	0.14	<0.05	0.2	0.55	1.69	<0.02	2	0.1	0.4	<10	<2	29.2	46.40
2353196	Humus	0.03	2.9	1.4	<0.02	0.15	<0.05	0.3	2.87	2.46	<0.02	<1	0.2	0.4	<10	<2	29.4	43.42
2353197	Humus	0.23	13.2	1.9	0.09	0.14	<0.05	0.2	16.09	23.66	<0.02	<1	0.3	4.0	<10	<2	28.8	43.12
2353198	Humus	0.26	6.7	1.1	0.13	0.14	<0.05	0.2	18.76	35.95	0.03	<1	0.3	4.8	<10	<2	30.7	43.18
2353199	Humus	0.14	6.0	1.2	0.08	0.14	<0.05	0.3	6.06	9.29	<0.02	<1	0.1	2.2	<10	<2	29.4	47.49
2353200	Humus	0.11	4.8	1.1	0.06	0.13	<0.05	0.5	13.45	7.81	<0.02	<1	0.2	1.5	<10	<2	29.5	47.83
2353201	Humus	0.41	18.9	1.7	0.19	0.08	<0.05	0.5	10.95	9.75	<0.02	<1	0.3	4.6	<10	<2	31.1	31.37
2353202	Humus	0.49	6.2	0.6	0.30	0.10	<0.05	0.1	1.03	3.84	<0.02	<1	<0.1	1.7	<10	<2	28.9	35.64
2353203	Humus	0.45	8.3	0.8	0.32	0.09	<0.05	0.3	1.19	4.06	<0.02	<1	0.2	2.5	<10	<2	28.7	37.81
2353204	Rock Pulp	0.39	2.7	12.6	1.05	0.01	<0.05	40.5	17.23	35.01	0.06	<1	0.7	6.5	12	3	30.0	0.94
2353205	Humus	0.24	6.5	0.6	0.05	0.13	<0.05	0.3	1.05	2.95	<0.02	<1	0.1	1.8	<10	<2	30.0	40.78
2353206	Humus	0.27	6.5	0.7	0.07	0.14	<0.05	0.4	0.66	1.56	<0.02	<1	0.2	1.2	<10	<2	28.7	47.16
2353207	Humus	0.25	6.1	0.6	0.11	0.09	<0.05	0.3	0.69	2.48	<0.02	<1	<0.1	1.9	<10	<2	29.4	45.47
2353208	Humus	0.21	8.0	0.9	0.18	0.08	<0.05	<0.1	1.16	5.02	<0.02	<1	<0.1	2.1	<10	<2	30.9	25.97
2353209	Humus	0.12	4.5	0.5	0.10	0.09	<0.05	<0.1	0.72	3.26	<0.02	<1	<0.1	0.9	<10	<2	28.8	40.32
2353210	Humus	0.25	5.8	0.7	0.08	0.08	<0.05	<0.1	2.55	5.53	<0.02	<1	0.2	2.1	<10	<2	28.7	38.99

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Project: Babine Lake Cu
Report Date: August 14, 2013

CERTIFICATE OF ANALYSIS SMI13000087.1

Method		WGHT	SS60	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		Wgt	Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.001	0.1	0.01	0.2	0.1	0.5	0.01	0.02	0.02	2
2353211	Humus	0.64	640	1.61	8.40	3.13	74.2	105	1.3	1.3	235	0.128	0.5	0.03	<0.2	<0.1	29.0	0.43	0.09	0.03	2
2353212	Humus	0.82	820	1.28	16.73	8.01	99.7	900	4.9	4.3	2384	0.810	2.1	0.27	<0.2	<0.1	85.2	1.44	0.35	0.08	16
2353213	Humus	0.76	760	1.07	10.06	7.83	178.6	1002	4.2	4.4	>10000	0.630	2.0	0.06	1.2	<0.1	38.1	1.55	0.14	0.06	13
2353214	Humus	0.92	915	0.95	10.38	4.76	124.5	708	2.8	1.5	3002	0.405	1.2	0.04	0.7	<0.1	38.7	1.28	0.12	0.05	9
2353215	Humus	0.98	980	1.48	14.16	9.52	73.3	504	5.2	2.5	385	1.151	5.2	0.14	2.4	<0.1	13.3	0.56	0.25	0.19	22
2353216	Humus	1.80	1795	0.95	8.77	7.40	87.5	605	3.1	1.8	1439	0.829	3.0	0.08	0.9	<0.1	27.2	1.14	0.19	0.11	19
2353217	Humus	1.10	1095	0.90	16.81	44.45	118.9	582	7.2	3.5	934	0.983	6.3	0.13	8.4	<0.1	76.5	1.03	0.73	0.11	19
2353218	Humus	0.94	935	1.09	16.03	13.82	101.0	763	5.7	3.9	580	1.595	10.5	0.10	4.2	<0.1	26.8	1.07	0.37	0.14	30
2353219	Humus	1.05	1045	0.89	8.94	7.14	399.6	619	4.2	1.9	8367	0.595	2.7	0.04	2.3	<0.1	64.5	1.98	0.19	0.11	14
2353220	Humus	0.80	795	0.77	17.48	4.74	219.2	1320	2.7	1.2	2962	0.268	2.5	0.05	0.4	<0.1	91.3	1.82	0.25	0.05	4
2353221	Humus	1.14	1135	0.95	10.69	18.82	81.5	868	6.0	3.6	1775	1.657	17.8	0.13	8.9	<0.1	41.6	0.71	0.55	0.35	39
2353222	Humus	1.30	1300	0.61	24.45	19.04	191.4	2309	9.0	3.6	2290	1.040	12.8	0.23	37.8	<0.1	102.9	2.21	0.63	0.20	14
2353223	Humus	1.10	1100	0.84	18.37	19.57	113.1	1249	8.8	5.2	788	1.577	17.1	0.22	4.9	0.1	49.5	1.59	0.56	0.28	27
2353224	Humus	1.01	1005	0.60	9.54	6.45	86.3	1204	3.3	1.4	780	0.375	2.9	0.06	4.3	<0.1	36.9	1.42	0.16	0.08	7
2353225	Humus	0.46	460	0.60	20.43	6.74	147.7	1064	4.9	2.1	1076	0.497	4.4	0.17	2.2	<0.1	113.2	1.02	0.45	0.21	8
2353226	Humus	0.60	595	0.67	27.80	8.70	142.6	1300	8.1	3.3	1394	0.833	6.8	0.28	2.5	<0.1	119.9	1.13	0.67	0.14	12
2353227	Rock Pulp	0.08		0.33	29.05	8.46	36.3	91	7.9	12.8	407	4.739	1.8	0.61	0.3	2.2	26.9	0.10	0.04	0.13	157
2353228	Humus	0.82	815	0.31	13.24	2.67	123.4	436	2.7	1.0	891	0.287	2.0	0.07	1.1	<0.1	88.9	0.55	0.12	0.04	5
2353229	Humus	0.92	915	0.35	10.95	3.34	180.2	757	3.7	0.8	3160	0.181	0.9	0.08	<0.2	<0.1	126.8	1.14	0.24	0.03	2
2353230	Humus	0.91	910	0.53	10.24	6.69	83.3	566	5.7	3.2	559	1.005	3.4	0.13	1.4	0.1	58.5	0.71	0.37	0.11	22
2353231	Humus	1.53	1530	0.55	24.05	13.04	90.9	801	17.8	10.7	1371	2.753	13.2	0.30	6.6	0.1	38.9	0.52	0.69	0.16	46
2353232	Humus	0.83	825	0.63	12.22	6.88	53.5	1599	5.4	2.1	331	0.935	4.2	0.11	2.4	<0.1	23.5	0.45	0.33	0.11	20
2353233	Humus	1.19	1190	1.14	34.27	9.17	76.0	1820	10.8	6.8	2472	1.563	11.2	0.46	1.9	<0.1	170.1	1.74	0.71	0.14	18
2353234	Humus	0.85	850	0.68	7.83	6.38	195.0	670	4.0	2.4	3907	0.518	2.8	0.05	3.6	<0.1	96.2	2.08	0.19	0.10	12
2353235	Humus	0.94	935	1.09	36.31	6.03	63.2	1320	10.8	4.5	909	1.249	5.2	0.38	2.4	0.1	213.4	1.10	0.73	0.12	16
2353236	Humus	0.89	885	2.23	5.90	5.25	92.7	96	4.2	3.4	1678	0.921	0.7	0.13	<0.2	0.1	36.0	0.57	0.11	0.05	20
2353237	Humus	0.81	805	1.03	19.24	5.65	71.1	321	9.7	6.0	831	1.568	2.9	0.35	<0.2	0.5	56.5	0.35	0.25	0.09	31
2353238	Humus	0.89	885	1.09	7.30	1.76	48.8	55	2.7	1.1	228	0.245	0.7	0.28	0.5	<0.1	134.6	0.27	0.08	<0.02	5
2353239	Humus	0.97	965	1.04	8.56	5.07	38.7	72	6.5	3.9	372	1.285	1.5	0.25	<0.2	0.5	31.2	0.16	0.19	0.05	28
2353240	Humus	0.84	840	1.45	5.89	4.19	44.2	69	5.6	2.8	343	0.972	1.2	0.17	0.6	0.3	35.1	0.21	0.16	0.05	21

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	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.001	0.5	0.5	0.01	0.5	0.001	1	0.001	0.001	0.001	0.01	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
2353211	Humus	0.614	0.100	0.9	1.6	0.06	68.3	0.003	4	0.133	0.004	0.102	0.03	0.05	172	0.3	0.03	0.3	0.49	<0.1	<0.02
2353212	Humus	1.637	0.102	13.6	6.5	0.23	218.3	0.005	4	0.947	0.003	0.077	0.07	0.11	212	0.3	<0.02	2.2	1.41	<0.1	<0.02
2353213	Humus	1.153	0.118	2.2	5.0	0.13	506.6	0.004	8	0.640	0.003	0.069	0.05	0.23	404	0.4	0.03	2.0	1.10	<0.1	<0.02
2353214	Humus	1.322	0.124	1.2	3.1	0.10	215.0	0.007	12	0.368	0.004	0.104	0.07	0.11	262	0.3	<0.02	1.4	0.84	<0.1	<0.02
2353215	Humus	0.345	0.075	3.1	7.7	0.17	56.3	0.020	3	0.696	0.006	0.068	0.09	0.11	143	0.1	<0.02	2.4	0.93	<0.1	<0.02
2353216	Humus	0.624	0.074	2.7	5.1	0.11	116.3	0.015	3	0.507	0.005	0.069	0.10	0.24	163	<0.1	0.05	2.1	0.82	<0.1	<0.02
2353217	Humus	1.446	0.065	4.3	6.9	0.25	292.3	0.017	5	0.528	0.008	0.068	0.24	0.10	191	0.2	0.05	1.8	1.16	<0.1	<0.02
2353218	Humus	0.566	0.089	3.0	8.6	0.22	104.1	0.019	3	0.724	0.005	0.083	0.14	0.12	122	<0.1	0.06	2.8	1.19	<0.1	<0.02
2353219	Humus	1.619	0.082	1.5	6.4	0.07	643.9	0.010	6	0.273	0.007	0.084	0.06	0.16	310	<0.1	0.03	1.7	0.91	<0.1	<0.02
2353220	Humus	1.866	0.092	3.8	2.5	0.10	712.2	0.004	7	0.196	0.003	0.100	0.03	0.07	373	<0.1	<0.02	0.7	1.52	<0.1	<0.02
2353221	Humus	0.589	0.066	4.5	11.2	0.14	212.8	0.019	3	0.633	0.005	0.096	0.10	0.08	121	<0.1	0.05	3.4	0.86	<0.1	<0.02
2353222	Humus	2.151	0.116	14.8	7.3	0.15	448.2	0.007	4	1.051	0.002	0.081	0.10	0.09	229	0.2	0.17	2.2	3.47	<0.1	<0.02
2353223	Humus	0.731	0.097	7.7	10.5	0.23	222.7	0.010	4	1.042	0.003	0.169	0.10	0.07	174	<0.1	0.10	3.1	1.69	<0.1	<0.02
2353224	Humus	0.776	0.076	2.3	3.6	0.09	167.7	0.007	5	0.343	0.004	0.086	0.05	0.04	274	0.2	0.02	0.8	0.70	<0.1	<0.02
2353225	Humus	2.045	0.096	10.6	5.4	0.15	532.9	0.005	9	0.459	0.003	0.085	0.05	0.12	268	0.2	<0.02	0.9	1.35	<0.1	<0.02
2353226	Humus	2.045	0.099	15.8	6.5	0.22	441.9	0.005	6	0.829	0.003	0.082	0.08	0.15	270	<0.1	0.07	1.6	1.76	<0.1	<0.02
2353227	Rock Pulp	0.291	0.046	12.4	17.0	0.40	69.3	0.409	<1	5.317	0.055	0.021	0.11	0.15	54	0.2	<0.02	11.4	1.11	0.1	0.75
2353228	Humus	2.044	0.077	1.7	3.2	0.14	354.7	0.005	10	0.182	0.003	0.085	0.02	0.05	180	<0.1	0.02	0.6	1.04	<0.1	0.03
2353229	Humus	2.419	0.090	11.1	1.7	0.13	486.3	0.003	9	0.256	0.003	0.078	0.03	0.12	389	<0.1	<0.02	0.4	0.68	<0.1	<0.02
2353230	Humus	1.119	0.047	4.3	8.4	0.21	213.7	0.018	3	0.569	0.005	0.058	0.08	0.05	114	<0.1	0.04	2.0	0.99	<0.1	<0.02
2353231	Humus	0.597	0.058	12.4	17.9	0.38	207.4	0.015	2	1.725	0.007	0.087	0.08	0.07	75	<0.1	0.06	4.2	2.73	<0.1	<0.02
2353232	Humus	0.418	0.060	3.1	8.7	0.12	131.2	0.016	3	0.515	0.005	0.091	0.11	0.04	153	0.2	<0.02	2.0	1.54	<0.1	<0.02
2353233	Humus	1.653	0.111	20.1	7.8	0.29	342.4	0.005	4	1.074	0.004	0.098	0.08	0.11	222	0.2	0.08	2.1	1.85	<0.1	<0.02
2353234	Humus	1.771	0.082	2.4	5.3	0.11	729.2	0.010	4	0.383	0.006	0.089	0.05	0.10	222	0.2	<0.02	1.4	0.82	<0.1	<0.02
2353235	Humus	2.290	0.114	17.6	8.1	0.29	325.4	0.006	3	1.123	0.006	0.072	0.08	0.09	248	<0.1	0.05	2.0	2.54	<0.1	0.03
2353236	Humus	0.607	0.087	4.2	6.8	0.12	145.0	0.031	2	0.526	0.007	0.108	0.04	0.02	119	0.3	0.03	2.0	0.39	<0.1	<0.02
2353237	Humus	0.712	0.070	12.7	12.7	0.29	126.8	0.035	4	1.217	0.010	0.109	0.05	0.06	58	0.2	0.04	3.2	0.67	<0.1	<0.02
2353238	Humus	2.148	0.099	1.4	4.0	0.20	87.6	0.007	7	0.176	0.097	0.078	0.02	<0.02	147	0.2	<0.02	0.6	0.17	<0.1	0.03
2353239	Humus	0.366	0.059	13.3	10.6	0.18	106.7	0.037	<1	0.855	0.008	0.093	0.08	0.03	78	<0.1	<0.02	2.4	0.46	<0.1	0.02
2353240	Humus	0.449	0.056	6.6	9.5	0.16	86.3	0.035	2	0.612	0.008	0.077	0.06	0.03	94	<0.1	<0.02	1.9	0.43	<0.1	0.03

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Project: Babine Lake Cu
Report Date: August 14, 2013

CERTIFICATE OF ANALYSIS SMI13000087.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	2A Leco
	Analyte	Nb	Rb	Sc	Sn	S	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Weight	TOT/C
	Unit	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	g	%
	MDL	0.02	0.1	0.1	0.02	0.01	0.05	0.1	0.01	0.01	0.02	1	0.1	0.1	10	2	0.1	0.02
2353211	Humus	0.05	5.7	0.6	0.04	0.12	<0.05	0.3	0.91	1.66	<0.02	<1	<0.1	0.3	<10	<2	28.8	51.89
2353212	Humus	0.30	7.8	0.6	0.11	0.13	<0.05	<0.1	16.05	27.92	0.03	1	0.2	4.1	<10	<2	29.9	39.45
2353213	Humus	0.13	8.6	0.3	0.07	0.10	<0.05	<0.1	1.83	5.45	<0.02	<1	0.1	2.3	<10	<2	29.4	40.36
2353214	Humus	0.08	5.3	0.4	0.06	0.09	<0.05	<0.1	0.66	2.17	<0.02	1	<0.1	0.9	<10	<2	29.7	44.62
2353215	Humus	0.63	4.7	1.4	0.35	0.03	<0.05	0.3	2.58	5.92	<0.02	2	<0.1	3.9	<10	<2	29.2	28.59
2353216	Humus	0.47	5.6	0.7	0.23	0.08	<0.05	0.1	1.97	3.46	<0.02	3	<0.1	2.3	<10	<2	29.1	30.68
2353217	Humus	0.32	6.2	1.6	0.18	0.11	<0.05	0.5	5.42	6.75	<0.02	<1	<0.1	2.8	<10	<2	30.3	32.90
2353218	Humus	0.83	6.9	1.7	0.24	0.08	<0.05	0.4	2.57	5.76	0.02	<1	0.2	4.6	<10	<2	31.0	33.37
2353219	Humus	0.14	6.5	0.9	0.12	0.11	<0.05	<0.1	0.60	2.73	<0.02	1	<0.1	0.6	<10	<2	29.6	32.01
2353220	Humus	0.08	3.7	1.2	0.02	0.14	<0.05	0.3	5.96	3.21	<0.02	1	<0.1	0.8	<10	<2	29.4	49.98
2353221	Humus	0.56	5.1	1.0	0.28	0.05	<0.05	0.1	2.06	7.78	0.03	<1	0.2	3.6	<10	<2	30.7	20.12
2353222	Humus	0.40	7.4	1.6	0.11	0.11	<0.05	0.3	19.16	21.99	0.03	2	<0.1	4.2	<10	<2	29.1	41.15
2353223	Humus	0.86	9.2	2.5	0.25	0.09	<0.05	0.7	7.42	12.00	0.05	1	0.3	6.4	<10	<2	29.5	35.39
2353224	Humus	0.18	4.2	0.7	0.08	0.12	<0.05	0.1	1.70	3.57	<0.02	<1	0.1	0.8	<10	<2	30.5	45.23
2353225	Humus	0.16	3.5	1.0	0.06	0.14	<0.05	0.3	12.57	11.06	<0.02	<1	<0.1	1.6	<10	<2	29.3	43.31
2353226	Humus	0.23	4.4	1.4	0.09	0.14	<0.05	0.2	19.98	16.67	0.02	3	0.2	2.9	<10	<2	30.7	39.99
2353227	Rock Pulp	0.55	2.6	13.9	1.16	0.01	<0.05	48.0	17.66	36.83	0.07	<1	0.4	6.5	32	<2	30.7	0.87
2353228	Humus	0.11	2.9	0.9	0.05	0.14	<0.05	0.9	2.31	1.97	<0.02	<1	<0.1	0.9	<10	<2	30.2	46.04
2353229	Humus	0.06	2.3	1.4	<0.02	0.14	<0.05	0.3	14.72	15.11	<0.02	<1	0.3	0.6	<10	<2	29.1	44.11
2353230	Humus	0.43	5.3	1.6	0.15	0.07	<0.05	0.7	3.41	5.31	<0.02	<1	0.1	4.3	<10	<2	30.2	22.29
2353231	Humus	0.50	8.9	3.7	0.28	0.05	<0.05	0.1	13.01	17.64	0.03	<1	0.5	10.8	<10	<2	29.9	8.15
2353232	Humus	0.37	6.6	1.3	0.15	0.06	<0.05	0.6	1.63	5.52	<0.02	1	0.1	2.0	<10	<2	28.8	31.35
2353233	Humus	0.39	5.5	3.1	0.17	0.13	<0.05	0.5	24.16	25.12	<0.02	<1	0.3	4.7	<10	<2	30.2	40.01
2353234	Humus	0.18	3.8	0.6	0.09	0.09	<0.05	<0.1	1.10	3.89	<0.02	<1	0.1	1.4	<10	<2	30.2	31.45
2353235	Humus	0.41	5.1	2.6	0.15	0.14	<0.05	1.0	22.07	20.59	0.02	4	0.4	8.3	<10	<2	28.7	39.18
2353236	Humus	0.51	4.6	1.0	0.24	0.05	<0.05	0.3	1.72	7.78	<0.02	<1	<0.1	2.9	<10	<2	28.7	20.75
2353237	Humus	0.96	7.6	3.4	0.28	0.04	<0.05	1.1	14.23	20.62	<0.02	<1	0.3	5.7	<10	<2	29.1	17.81
2353238	Humus	0.12	1.4	0.6	<0.02	0.16	<0.05	0.8	1.43	2.68	<0.02	1	<0.1	1.2	<10	<2	28.9	41.71
2353239	Humus	0.60	4.4	2.3	0.22	0.03	<0.05	0.8	7.70	19.19	<0.02	1	0.3	3.9	<10	<2	28.7	11.69
2353240	Humus	0.55	4.2	1.7	0.18	0.04	<0.05	0.9	3.86	11.16	<0.02	<1	0.2	2.7	<10	<2	28.6	19.76

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Client: **Anglo American Exploration (Canada) Ltd.**
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Project: Babine Lake Cu
Report Date: August 14, 2013

CERTIFICATE OF ANALYSIS SMI13000087.1

Method		WGHT	SS60	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		Wgt	Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.001	0.1	0.01	0.2	0.1	0.5	0.01	0.02	0.02	2
2353241	Humus	0.08	75	0.28	27.76	7.91	37.3	64	7.9	13.0	375	4.736	1.7	0.57	<0.2	2.1	25.3	0.08	0.04	0.11	160
2353242	Humus	0.80	795	0.92	4.06	3.50	36.9	51	3.7	1.6	471	0.814	0.9	0.11	<0.2	0.1	21.9	0.14	0.12	0.04	20
2353243	Humus	1.05	1045	1.22	6.86	5.00	58.9	51	7.1	4.2	710	1.272	2.0	0.21	<0.2	0.5	36.1	0.09	0.21	0.06	28
2353244	Humus	0.53	530	2.20	7.21	4.50	103.1	58	4.7	2.7	4086	0.577	0.7	0.07	0.2	<0.1	185.6	0.20	0.09	0.03	13
2353245	Humus	0.97	965	0.91	14.54	4.87	67.3	79	9.9	6.6	1507	1.423	2.4	0.27	<0.2	0.2	108.4	0.36	0.17	0.06	30
2353246	Humus	1.43	1430	0.73	12.34	4.96	49.3	114	9.8	6.2	1147	1.526	2.5	0.23	0.8	0.3	78.2	0.18	0.19	0.06	34
2353247	Humus	1.34	1335	1.28	7.71	5.33	56.3	61	5.9	4.7	1026	1.251	0.9	0.17	1.7	0.2	57.0	0.31	0.17	0.10	26
2353248	Humus	0.74	740	0.88	12.07	5.84	98.2	78	6.2	3.4	342	1.000	2.5	0.20	1.2	0.1	137.8	0.20	0.31	0.10	20
2353249	Humus	0.86	855	0.87	12.85	3.10	86.4	99	7.7	3.7	653	1.146	2.1	0.71	1.1	0.3	351.1	0.19	0.14	0.06	12
2353250	Humus	1.12	1120	1.08	42.63	8.02	76.1	346	20.4	9.3	1694	2.898	3.3	1.14	<0.2	1.7	86.9	0.24	0.27	0.13	42
2353251	Humus	0.62	615	0.86	14.27	2.62	84.8	96	1.9	1.2	475	0.139	0.5	0.02	0.6	<0.1	235.2	0.43	0.03	0.03	2
2353252	Humus	1.26	1260	1.08	25.17	4.63	198.1	232	10.9	4.7	1639	1.289	1.0	0.34	<0.2	0.2	199.7	0.59	0.16	0.06	22
2353253	Humus	1.10	1100	1.00	29.76	6.34	92.9	182	17.1	6.7	761	2.226	2.5	0.96	1.2	1.0	112.7	0.35	0.23	0.10	36
2353254	Humus	1.17	1165	0.69	20.76	4.52	257.6	102	10.2	5.0	1194	1.228	1.2	0.17	0.5	0.2	257.6	0.75	0.13	0.05	20
2353255	Humus	0.68	680	1.67	4.88	4.68	65.4	8	4.9	3.3	586	1.147	0.8	0.15	<0.2	0.4	26.7	0.14	0.15	0.04	24
2353256	Humus	0.90	900	0.89	9.21	5.41	69.9	41	7.8	5.4	790	1.529	4.8	0.20	1.8	0.4	34.8	0.20	0.23	0.06	31
2353257	Humus	1.18	1175	1.66	7.66	5.85	105.2	84	7.1	4.9	2113	1.207	1.1	0.14	0.3	0.3	47.2	0.26	0.12	0.05	22
2353258	Humus	0.77	765	2.15	14.66	4.36	68.2	83	6.8	3.8	726	0.897	1.1	0.31	0.5	0.1	116.0	0.38	0.13	0.05	17
2353259	Humus	1.12	1115	1.44	8.64	3.09	95.1	79	6.1	2.8	437	0.875	0.9	0.11	1.1	<0.1	82.6	0.43	0.11	0.04	17
2353260	Humus	1.21	1205	1.03	12.44	4.50	103.4	162	8.3	4.7	641	1.322	1.4	0.15	<0.2	0.3	74.3	0.62	0.15	0.06	27
2353261	Rock Pulp	0.08		0.37	28.59	8.93	39.6	80	8.1	13.1	392	4.450	1.6	0.56	1.3	2.1	26.0	0.09	0.04	0.13	152
2353262	Humus	0.57	565	1.09	16.00	4.58	74.8	96	8.5	5.0	756	1.287	2.5	0.18	<0.2	0.2	102.8	0.28	0.19	0.06	27
2353263	Humus	0.75	750	2.51	7.51	5.45	87.4	23	5.8	4.0	1416	1.155	1.4	0.14	0.9	0.2	43.3	0.20	0.15	0.05	23
2353264	Humus	0.74	735	1.86	10.32	4.89	174.9	49	7.2	3.9	1113	1.199	1.5	0.14	<0.2	0.1	66.6	0.49	0.17	0.05	23
2353265	Humus	0.82	820	1.91	8.17	4.22	93.8	61	5.1	2.9	1094	0.863	1.1	0.17	0.3	<0.1	65.2	0.27	0.13	0.03	16
2353266	Humus	1.10	1100	0.86	9.49	4.83	58.8	86	6.3	4.4	792	1.415	1.6	0.21	0.3	0.3	58.9	0.16	0.18	0.05	28
2353267	Humus	0.83	825	1.50	11.77	6.44	50.1	107	7.6	4.7	410	1.501	2.7	0.30	0.6	0.3	62.9	0.27	0.23	0.07	29
2353268	Humus	0.91	905	1.10	11.13	4.58	54.8	77	9.1	4.0	768	1.279	1.7	0.32	0.5	0.1	53.4	0.29	0.16	0.05	23
2353269	Humus	0.60	595	1.82	6.74	4.21	95.2	181	5.2	3.0	962	0.833	0.7	0.11	<0.2	0.1	46.6	0.44	0.12	0.03	17
2353270	Humus	0.99	990	1.72	5.54	4.59	62.8	109	5.6	3.5	1245	0.982	1.1	0.12	0.3	0.2	36.3	0.12	0.13	0.04	21

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	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.001	0.5	0.5	0.01	0.5	0.001	1	0.001	0.001	0.001	0.01	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
2353241	Humus	0.287	0.043	12.2	16.1	0.37	68.9	0.392	<1	5.396	0.053	0.021	0.11	0.15	46	0.5	0.02	10.9	1.07	<0.1	0.72
2353242	Humus	0.358	0.049	3.5	7.2	0.10	41.9	0.034	4	0.386	0.011	0.168	0.04	<0.02	68	0.1	<0.02	1.5	0.21	<0.1	<0.02
2353243	Humus	0.466	0.064	5.8	10.4	0.21	94.5	0.044	2	0.803	0.008	0.114	0.06	0.03	95	0.1	<0.02	2.6	0.43	<0.1	<0.02
2353244	Humus	2.256	0.094	2.3	6.4	0.16	353.9	0.018	7	0.340	0.008	0.237	0.05	0.06	157	0.2	<0.02	1.2	0.62	<0.1	<0.02
2353245	Humus	1.229	0.071	10.6	11.3	0.31	185.8	0.033	2	1.011	0.007	0.156	0.05	0.05	59	<0.1	<0.02	2.7	0.63	<0.1	<0.02
2353246	Humus	0.845	0.057	7.3	12.2	0.28	147.6	0.041	2	0.969	0.007	0.087	0.06	0.04	50	0.3	<0.02	2.9	0.81	<0.1	<0.02
2353247	Humus	0.636	0.050	4.9	9.9	0.19	152.6	0.031	4	0.646	0.007	0.105	0.07	0.03	74	<0.1	0.02	2.4	0.44	<0.1	<0.02
2353248	Humus	1.289	0.095	4.7	8.3	0.24	142.0	0.019	9	0.461	0.011	0.164	0.08	0.03	140	<0.1	0.02	1.4	0.29	<0.1	0.02
2353249	Humus	2.460	0.179	5.3	9.4	0.42	173.4	0.008	10	1.263	0.033	0.147	0.03	0.06	143	0.3	0.03	2.8	0.71	<0.1	0.09
2353250	Humus	1.118	0.075	47.9	20.6	0.45	321.7	0.014	3	3.208	0.011	0.277	0.08	0.10	57	0.4	<0.02	6.9	1.88	0.1	0.10
2353251	Humus	2.634	0.100	1.0	1.8	0.30	167.5	0.004	14	0.085	0.002	0.138	0.02	<0.02	143	0.3	<0.02	0.3	0.17	<0.1	<0.02
2353252	Humus	1.724	0.090	16.6	9.2	0.30	297.2	0.020	7	1.067	0.008	0.135	0.07	0.04	145	0.3	0.03	3.0	0.69	<0.1	<0.02
2353253	Humus	0.800	0.064	23.8	17.8	0.36	245.6	0.015	4	2.072	0.009	0.156	0.06	0.07	68	<0.1	0.03	4.9	1.21	<0.1	0.09
2353254	Humus	2.336	0.134	14.8	10.0	0.29	424.4	0.019	15	1.040	0.007	0.175	0.05	0.04	98	0.3	<0.02	2.6	0.64	<0.1	<0.02
2353255	Humus	0.328	0.063	5.0	8.6	0.13	122.5	0.039	<1	0.473	0.007	0.094	0.06	<0.02	54	0.1	<0.02	2.1	0.42	<0.1	0.03
2353256	Humus	0.575	0.051	6.6	10.2	0.30	94.5	0.037	5	0.855	0.008	0.118	0.05	0.03	72	0.2	0.03	2.4	0.59	<0.1	<0.02
2353257	Humus	0.525	0.135	6.3	9.5	0.14	200.8	0.043	5	0.794	0.006	0.140	0.06	0.05	133	0.2	<0.02	3.0	0.86	<0.1	<0.02
2353258	Humus	1.345	0.070	10.2	7.3	0.23	164.6	0.018	6	0.631	0.009	0.147	0.04	0.03	119	0.3	<0.02	1.9	0.51	<0.1	<0.02
2353259	Humus	1.213	0.082	3.6	7.2	0.24	94.8	0.018	6	0.518	0.015	0.125	0.05	0.02	110	0.3	<0.02	1.6	0.34	<0.1	<0.02
2353260	Humus	0.975	0.086	5.7	10.0	0.26	121.6	0.032	5	0.728	0.011	0.151	0.07	0.02	76	0.1	0.03	2.3	0.42	<0.1	0.03
2353261	Rock Pulp	0.262	0.042	12.1	17.3	0.38	65.4	0.398	<1	5.323	0.051	0.020	0.09	0.14	44	0.3	0.03	11.2	1.10	<0.1	0.74
2353262	Humus	1.232	0.104	5.9	11.0	0.36	147.3	0.022	8	0.697	0.007	0.175	0.05	0.03	69	0.3	<0.02	2.3	0.57	<0.1	<0.02
2353263	Humus	0.569	0.063	5.0	8.5	0.17	240.4	0.027	3	0.645	0.006	0.129	0.05	0.03	99	0.2	0.03	2.1	0.43	<0.1	<0.02
2353264	Humus	1.288	0.087	5.0	8.8	0.22	190.2	0.027	9	0.652	0.006	0.181	0.06	0.03	126	0.1	0.02	2.2	0.47	<0.1	<0.02
2353265	Humus	0.888	0.073	6.8	6.4	0.15	119.0	0.017	6	0.549	0.005	0.111	0.07	0.03	177	0.3	<0.02	1.5	0.37	<0.1	<0.02
2353266	Humus	0.621	0.062	7.3	9.7	0.20	137.7	0.033	3	0.773	0.006	0.125	0.05	0.03	57	0.1	<0.02	2.7	0.50	<0.1	<0.02
2353267	Humus	0.799	0.059	8.1	11.8	0.24	103.1	0.032	4	0.885	0.012	0.169	0.07	0.04	108	0.3	0.03	2.6	0.59	<0.1	0.02
2353268	Humus	0.636	0.070	13.2	9.6	0.24	108.5	0.016	4	1.059	0.007	0.105	0.07	0.05	98	0.2	<0.02	2.7	0.65	<0.1	<0.02
2353269	Humus	0.633	0.066	4.2	6.8	0.14	112.8	0.026	2	0.470	0.008	0.096	0.04	0.03	91	<0.1	<0.02	1.6	0.39	<0.1	<0.02
2353270	Humus	0.470	0.068	4.0	8.0	0.14	125.9	0.030	<1	0.580	0.007	0.095	0.07	0.03	79	<0.1	0.03	2.2	0.49	<0.1	<0.02

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Project: Babine Lake Cu
Report Date: August 14, 2013

CERTIFICATE OF ANALYSIS SMI13000087.1

Method		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	2A Leco
Analyte		Nb	Rb	Sc	Sn	S	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Weight	TOT/C
Unit		ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	g	%
MDL		0.02	0.1	0.1	0.02	0.01	0.05	0.1	0.01	0.01	0.02	1	0.1	0.1	10	2	0.1	0.02
2353241	Humus	0.48	2.5	13.1	1.06	0.01	<0.05	46.4	16.98	35.93	0.06	2	1.0	5.8	30	<2	30.5	0.89
2353242	Humus	0.46	3.5	1.1	0.17	0.03	<0.05	0.7	1.40	6.55	<0.02	<1	<0.1	1.8	<10	<2	29.8	18.59
2353243	Humus	0.61	6.8	1.9	0.22	0.03	<0.05	0.8	2.94	11.39	<0.02	<1	0.2	4.1	<10	<2	29.5	11.47
2353244	Humus	0.29	15.4	0.8	0.12	0.09	<0.05	0.1	0.97	4.62	<0.02	<1	<0.1	1.8	<10	<2	30.0	23.28
2353245	Humus	0.59	11.9	2.0	0.22	0.06	<0.05	0.5	7.11	24.19	<0.02	<1	0.3	4.5	<10	<2	30.5	13.33
2353246	Humus	0.73	12.2	1.9	0.21	0.05	<0.05	0.7	3.90	15.60	<0.02	<1	0.2	5.1	<10	<2	30.1	9.55
2353247	Humus	0.64	6.6	1.4	0.34	0.04	<0.05	0.5	2.18	10.82	0.04	<1	0.4	3.8	<10	<2	30.8	13.16
2353248	Humus	0.35	3.8	1.4	0.26	0.11	<0.05	1.5	3.83	9.78	<0.02	<1	0.2	2.8	<10	<2	29.4	32.56
2353249	Humus	0.30	6.6	2.7	0.20	0.21	<0.05	3.7	7.17	8.77	<0.02	<1	0.2	5.2	<10	<2	31.1	32.06
2353250	Humus	1.20	16.1	8.1	0.54	0.05	<0.05	5.2	40.03	73.20	0.04	4	1.0	12.0	<10	<2	29.3	18.84
2353251	Humus	0.06	4.0	0.3	0.05	0.19	<0.05	0.5	0.62	1.83	<0.02	1	<0.1	0.4	<10	<2	30.1	42.03
2353252	Humus	0.64	9.6	2.4	0.27	0.08	<0.05	1.0	13.10	29.09	<0.02	<1	0.3	4.8	<10	<2	30.3	26.56
2353253	Humus	0.85	14.0	6.0	0.40	0.06	<0.05	3.4	23.33	34.45	0.02	<1	1.0	8.9	<10	<2	30.1	20.57
2353254	Humus	0.57	9.0	2.3	0.23	0.09	<0.05	1.1	10.94	22.11	<0.02	<1	0.3	5.9	<10	<2	29.5	21.24
2353255	Humus	0.63	4.4	1.4	0.21	0.03	<0.05	1.0	1.94	8.99	<0.02	<1	0.1	2.4	<10	<2	28.9	17.41
2353256	Humus	0.67	9.2	2.0	0.15	0.04	<0.05	0.9	3.30	13.51	<0.02	<1	<0.1	6.1	<10	<2	31.1	11.86
2353257	Humus	1.00	9.0	1.2	0.34	0.06	<0.05	0.6	2.35	12.04	<0.02	<1	0.3	5.2	<10	<2	29.2	18.44
2353258	Humus	0.38	7.4	1.5	0.18	0.10	<0.05	0.8	6.95	16.55	<0.02	<1	0.1	2.6	<10	<2	29.7	28.58
2353259	Humus	0.39	5.4	0.9	0.12	0.12	<0.05	0.5	2.00	7.26	<0.02	<1	0.2	1.6	<10	<2	29.0	35.04
2353260	Humus	0.60	7.5	1.7	0.16	0.08	<0.05	1.2	2.97	12.30	<0.02	<1	0.3	2.7	<10	<2	30.0	21.52
2353261	Rock Pulp	0.55	2.7	13.8	1.03	0.01	<0.05	48.8	17.54	34.64	0.07	<1	0.8	6.6	<10	<2	29.5	0.93
2353262	Humus	0.43	12.6	1.5	0.19	0.13	<0.05	0.8	3.77	11.77	<0.02	<1	0.2	4.6	<10	<2	30.7	16.69
2353263	Humus	0.46	6.2	1.4	0.10	0.05	<0.05	0.5	2.09	10.46	<0.02	<1	0.1	3.2	<10	<2	29.1	16.66
2353264	Humus	0.46	6.3	1.3	0.20	0.08	<0.05	0.7	2.39	10.09	<0.02	<1	0.3	3.6	<10	<2	30.1	24.18
2353265	Humus	0.38	5.2	1.4	0.11	0.10	<0.05	0.5	5.09	12.59	<0.02	<1	0.1	2.2	<10	<2	29.8	31.40
2353266	Humus	0.54	7.8	2.0	0.22	0.05	<0.05	0.6	4.00	13.49	<0.02	<1	0.3	4.2	<10	<2	29.2	15.12
2353267	Humus	0.72	5.1	2.3	0.22	0.07	<0.05	1.1	5.37	14.16	0.02	1	0.2	3.7	<10	<2	29.1	21.82
2353268	Humus	0.48	7.7	2.2	0.17	0.06	<0.05	0.5	9.42	29.06	<0.02	<1	0.3	4.6	<10	<2	29.7	30.83
2353269	Humus	0.39	6.2	1.3	0.15	0.06	<0.05	0.5	2.26	8.58	<0.02	<1	<0.1	2.4	<10	<2	29.0	28.60
2353270	Humus	0.52	7.2	1.1	0.22	0.04	<0.05	0.3	1.52	8.18	<0.02	<1	0.3	3.2	<10	<2	30.7	15.62

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Project: Babine Lake Cu
Report Date: August 14, 2013

CERTIFICATE OF ANALYSIS SMI13000087.1

	Method	WGHT	SS60	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Wgt	Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.001	0.1	0.01	0.2	0.1	0.5	0.01	0.02	0.02	2
2353271	Humus	0.55	550	2.21	5.05	4.25	67.7	69	3.8	2.0	1242	0.646	0.7	0.06	<0.2	0.1	34.2	0.29	0.11	0.03	14
2353272	Humus	1.07	1070	1.48	6.82	4.63	76.5	59	5.7	3.6	866	1.172	1.5	0.18	0.5	0.2	32.1	0.22	0.15	0.05	26
2353273	Humus	0.97	965	1.70	14.98	4.96	90.6	127	8.9	4.9	1502	1.343	1.9	0.27	0.3	0.2	54.6	0.37	0.18	0.07	25
2353274	Humus	1.18	1180	0.59	11.97	4.59	119.8	77	8.5	5.6	1152	1.348	1.2	0.16	<0.2	0.3	77.5	0.68	0.17	0.06	29
2353275	Humus	1.15	1145	0.84	15.34	5.22	92.2	107	9.8	5.7	1133	1.525	2.6	0.21	1.5	0.3	92.7	0.42	0.20	0.06	31
2353276	Humus	1.17	1170	0.85	16.57	4.89	88.7	91	9.0	5.7	1156	1.586	2.0	0.19	0.2	0.2	83.2	0.37	0.18	0.06	31
2353277	Humus	1.49	1485	0.57	17.16	4.75	68.5	95	10.8	5.1	683	1.637	2.3	0.33	<0.2	0.5	72.1	0.33	0.24	0.11	35
2353278	Humus	1.29	1290	0.88	21.22	5.18	108.6	199	11.2	6.1	1200	1.597	3.1	0.29	0.8	0.3	138.9	0.45	0.19	0.09	32
2353279	Humus	1.30	1295	0.79	10.86	5.38	55.6	92	8.6	5.4	750	1.637	2.4	0.27	1.7	0.4	44.0	0.21	0.24	0.13	35
2353280	Humus	0.93	930	0.86	11.73	5.75	57.2	110	8.9	5.6	791	1.616	2.4	0.26	1.4	0.5	49.1	0.23	0.23	0.11	35
2353281	Rock Pulp	0.08		0.38	32.25	9.18	37.6	58	9.1	14.5	435	4.561	1.7	0.65	1.3	2.4	28.4	0.10	0.04	0.15	151
2353282	Humus	1.19	1185	0.81	9.59	4.89	55.3	62	8.3	4.9	763	1.459	2.0	0.22	0.6	0.3	45.8	0.20	0.19	0.07	33
2353283	Humus	1.11	1105	0.70	12.89	4.92	49.2	79	8.9	5.6	613	1.445	2.5	0.40	1.5	0.6	55.3	0.08	0.21	0.08	31
2353284	Humus	1.12	1115	0.44	11.05	4.15	94.8	137	7.4	3.8	422	1.187	1.7	0.23	0.5	0.5	82.3	0.33	0.16	0.07	26
2353285	Humus	1.30	1295	0.74	21.04	5.65	54.3	273	14.3	6.1	660	1.978	3.0	1.84	1.6	0.8	88.8	0.23	0.30	0.10	38
2353286	Humus	0.94	935	0.67	13.27	5.23	38.9	128	9.4	5.1	562	1.589	2.6	1.15	1.0	0.7	111.6	0.25	0.23	0.07	34
2353287	Humus	0.99	990	0.90	26.06	6.33	56.1	149	16.2	7.5	891	2.166	3.0	0.97	<0.2	0.6	124.8	0.26	0.25	0.09	39
2353288	Humus	1.05	1045	0.65	22.96	5.71	94.8	95	10.8	5.7	737	1.586	3.0	0.85	<0.2	0.3	155.6	0.39	0.23	0.08	32
2353289	Humus	0.98	980	0.94	14.83	6.01	51.1	80	9.9	6.7	1145	1.713	2.8	0.32	1.2	0.6	63.9	0.17	0.25	0.07	37
2353290	Humus	0.91	910	0.99	12.06	15.51	82.8	66	6.8	4.3	431	1.368	2.2	0.24	0.5	0.4	61.6	0.30	0.25	0.05	30
2353291	Humus	0.75	745	1.63	12.24	4.51	234.3	63	6.2	3.7	1924	0.842	1.0	0.10	0.3	0.2	130.2	1.36	0.11	0.04	16
2353292	Humus	0.67	670	1.47	11.75	3.28	45.8	75	4.2	2.8	291	0.684	1.0	0.11	<0.2	0.1	222.3	0.38	0.09	0.05	15
2353293	Humus	1.14	1135	1.20	10.47	5.60	113.5	94	10.4	6.7	2444	1.441	1.8	0.43	<0.2	0.7	39.4	0.40	0.14	0.06	27
2353294	Humus	0.88	880	2.07	12.58	5.21	150.2	128	10.8	8.0	1762	1.210	1.8	0.28	0.3	0.1	63.1	0.57	0.14	0.06	21
2353295	Humus	0.77	770	2.88	5.92	4.47	68.0	74	4.8	3.2	1568	0.740	1.1	0.10	0.9	<0.1	30.9	0.16	0.12	0.03	15
2353296	Humus	0.84	835	3.07	13.12	4.68	71.0	169	7.8	6.9	1969	1.074	1.9	0.30	1.2	0.2	65.7	0.21	0.15	0.06	20
2353297	Humus	1.34	1340	0.75	11.16	5.19	55.3	57	10.4	5.7	433	1.717	2.4	0.34	0.7	0.7	37.5	0.08	0.25	0.07	37
2353298	Humus	0.69	685	2.36	21.20	3.71	167.3	105	7.9	3.4	713	0.828	1.6	0.27	1.5	0.1	165.0	0.60	0.14	0.05	14
2353299	Humus	0.88	875	0.96	19.36	5.67	78.8	108	11.1	6.1	814	1.645	2.4	0.40	<0.2	0.3	78.8	0.30	0.21	0.07	32
2353300	Rock Pulp	0.08		0.36	30.84	8.34	39.6	59	8.7	14.1	409	4.405	1.8	0.65	1.1	2.4	29.2	0.09	0.04	0.12	147

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CERTIFICATE OF ANALYSIS SMI13000087.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.001	0.5	0.5	0.01	0.5	0.001	1	0.001	0.001	0.001	0.01	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
2353271	Humus	0.616	0.067	2.3	5.4	0.11	109.2	0.019	2	0.390	0.006	0.110	0.05	0.03	175	0.3	<0.02	1.3	0.29	<0.1	<0.02
2353272	Humus	0.428	0.054	5.6	9.3	0.17	110.7	0.038	3	0.643	0.007	0.086	0.05	0.03	67	<0.1	<0.02	2.1	0.49	<0.1	<0.02
2353273	Humus	0.813	0.078	15.7	11.0	0.23	176.3	0.023	3	1.093	0.006	0.131	0.06	0.06	106	0.3	0.04	2.9	0.71	<0.1	<0.02
2353274	Humus	0.844	0.055	6.2	9.9	0.23	166.7	0.042	2	0.749	0.007	0.103	0.07	0.03	30	<0.1	0.03	2.8	0.60	<0.1	<0.02
2353275	Humus	1.095	0.068	10.4	11.2	0.27	170.0	0.031	4	0.842	0.006	0.142	0.05	0.04	49	<0.1	<0.02	2.7	0.61	<0.1	<0.02
2353276	Humus	0.986	0.075	7.5	10.7	0.28	166.0	0.027	4	0.934	0.006	0.166	0.05	0.04	40	0.1	0.03	2.8	0.63	<0.1	0.02
2353277	Humus	0.685	0.049	10.5	12.3	0.28	159.7	0.046	2	0.888	0.010	0.119	0.05	0.03	31	0.2	<0.02	2.9	0.62	<0.1	<0.02
2353278	Humus	1.408	0.100	12.3	12.0	0.38	200.2	0.025	7	1.203	0.007	0.211	0.06	0.05	45	0.3	0.04	3.4	0.73	<0.1	<0.02
2353279	Humus	0.444	0.059	6.9	11.9	0.26	127.4	0.041	1	0.858	0.009	0.099	0.08	0.03	14	<0.1	0.04	3.1	0.67	<0.1	<0.02
2353280	Humus	0.460	0.063	7.5	11.9	0.27	134.5	0.044	<1	0.884	0.009	0.100	0.08	0.03	14	<0.1	0.04	3.2	0.71	<0.1	<0.02
2353281	Rock Pulp	0.289	0.052	13.5	18.6	0.43	69.4	0.442	<1	5.192	0.061	0.020	0.14	0.15	45	0.2	0.04	11.8	1.14	0.1	0.77
2353282	Humus	0.484	0.048	6.6	12.6	0.24	107.6	0.042	2	0.840	0.009	0.081	0.06	0.03	23	<0.1	0.05	2.7	0.58	<0.1	<0.02
2353283	Humus	0.602	0.057	11.7	12.1	0.32	108.2	0.047	1	1.002	0.011	0.095	0.05	0.03	29	0.2	0.04	3.1	0.64	<0.1	<0.02
2353284	Humus	0.887	0.064	6.6	10.8	0.24	130.5	0.045	4	0.738	0.009	0.085	0.07	0.03	11	<0.1	0.05	2.5	0.51	<0.1	0.03
2353285	Humus	0.954	0.071	13.2	16.0	0.40	151.2	0.035	<1	1.514	0.016	0.151	0.07	0.05	52	<0.1	0.07	4.1	0.83	<0.1	0.03
2353286	Humus	0.991	0.058	9.3	13.9	0.32	110.2	0.043	8	0.979	0.025	0.139	0.07	0.03	38	0.3	0.03	2.9	0.39	<0.1	0.04
2353287	Humus	1.033	0.077	14.8	16.5	0.46	164.5	0.029	3	1.619	0.016	0.172	0.07	0.06	36	0.1	0.04	4.0	1.09	<0.1	0.04
2353288	Humus	1.205	0.075	9.3	12.7	0.37	126.3	0.031	5	0.932	0.016	0.108	0.07	0.03	33	0.2	<0.02	2.6	0.66	<0.1	0.03
2353289	Humus	0.620	0.043	11.2	12.6	0.31	165.3	0.048	2	0.998	0.011	0.118	0.08	0.04	29	<0.1	0.04	3.0	0.61	<0.1	0.02
2353290	Humus	0.676	0.057	7.0	11.2	0.23	120.8	0.049	4	0.723	0.011	0.087	0.07	0.03	47	<0.1	0.04	2.2	0.48	<0.1	<0.02
2353291	Humus	1.524	0.076	4.4	6.7	0.18	354.0	0.029	9	0.476	0.007	0.180	0.05	<0.02	69	0.1	0.03	1.5	0.35	<0.1	<0.02
2353292	Humus	2.133	0.084	2.8	5.5	0.25	88.0	0.019	8	0.396	0.006	0.129	0.06	<0.02	71	0.3	0.04	1.2	0.26	<0.1	0.02
2353293	Humus	0.411	0.084	23.8	11.5	0.23	231.9	0.045	3	1.132	0.008	0.162	0.05	0.06	53	0.1	<0.02	3.4	0.68	<0.1	0.03
2353294	Humus	0.684	0.091	13.4	9.8	0.23	215.9	0.023	3	1.147	0.007	0.118	0.06	0.04	62	0.1	0.06	3.2	0.79	<0.1	<0.02
2353295	Humus	0.471	0.072	3.4	6.7	0.14	116.3	0.023	1	0.486	0.007	0.120	0.05	0.02	94	0.2	0.04	1.8	0.35	<0.1	<0.02
2353296	Humus	0.755	0.088	11.9	9.1	0.23	160.8	0.014	3	1.177	0.007	0.105	0.08	0.05	83	0.2	0.03	3.2	0.62	<0.1	<0.02
2353297	Humus	0.390	0.049	10.0	14.5	0.32	106.1	0.060	<1	1.066	0.012	0.086	0.05	0.04	31	<0.1	0.04	3.5	0.69	<0.1	0.03
2353298	Humus	1.901	0.140	15.2	8.5	0.31	223.4	0.016	9	0.798	0.011	0.131	0.06	0.03	125	0.3	0.04	2.0	0.49	<0.1	0.02
2353299	Humus	0.846	0.089	13.3	13.1	0.33	153.4	0.034	3	1.074	0.012	0.106	0.07	0.04	49	0.3	0.04	2.9	0.71	<0.1	0.04
2353300	Rock Pulp	0.295	0.047	12.9	18.7	0.42	68.4	0.429	2	5.084	0.064	0.020	0.09	0.14	48	0.3	0.07	11.2	1.08	0.1	0.69

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Project: Babine Lake Cu
Report Date: August 14, 2013

CERTIFICATE OF ANALYSIS SMI13000087.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	2A Leco
	Analyte	Nb	Rb	Sc	Sn	S	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Weight	TOT/C
	Unit	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	g	%
	MDL	0.02	0.1	0.1	0.02	0.01	0.05	0.1	0.01	0.01	0.02	1	0.1	0.1	10	2	0.1	0.02
2353271	Humus	0.32	4.2	1.0	0.12	0.07	<0.05	0.6	0.94	4.30	<0.02	<1	<0.1	1.6	<10	<2	28.5	30.84
2353272	Humus	0.53	5.5	1.5	0.21	0.03	<0.05	0.7	2.54	11.62	<0.02	<1	0.2	3.6	<10	<2	30.5	13.31
2353273	Humus	0.56	9.3	2.5	0.19	0.06	<0.05	0.3	9.83	37.81	0.02	<1	0.5	4.5	<10	<2	29.3	24.78
2353274	Humus	0.67	11.8	1.7	0.23	0.04	<0.05	0.6	2.63	12.27	<0.02	<1	0.2	4.6	<10	<2	29.3	9.28
2353275	Humus	0.52	10.1	2.0	0.21	0.06	<0.05	0.5	6.76	20.73	<0.02	<1	0.4	4.7	<10	<2	31.1	9.39
2353276	Humus	0.64	8.6	1.9	0.27	0.06	<0.05	0.5	4.23	18.09	<0.02	<1	0.2	5.1	<10	<2	29.9	11.13
2353277	Humus	0.66	8.9	2.7	0.28	0.04	<0.05	1.0	7.72	19.44	<0.02	<1	0.1	5.4	<10	<2	31.4	6.44
2353278	Humus	0.63	15.2	2.2	0.27	0.09	<0.05	0.8	8.06	25.48	0.02	<1	0.6	6.3	<10	<2	29.7	14.29
2353279	Humus	0.59	11.0	1.8	0.34	<0.01	<0.05	0.4	3.21	14.37	<0.02	1	0.2	6.5	<10	<2	30.5	4.63
2353280	Humus	0.74	11.4	1.9	0.34	0.03	<0.05	0.6	3.49	15.19	<0.02	<1	0.2	6.2	<10	<2	31.4	4.43
2353281	Rock Pulp	0.67	2.8	13.7	1.12	0.01	<0.05	53.1	18.35	41.24	0.05	1	0.7	7.1	34	3	29.8	0.93
2353282	Humus	0.61	10.9	1.8	0.27	0.04	<0.05	0.6	3.22	14.53	<0.02	<1	0.1	4.4	<10	<2	29.7	7.95
2353283	Humus	0.65	8.2	2.9	0.28	0.03	<0.05	0.6	7.83	22.23	0.02	<1	0.1	5.9	<10	<2	30.0	6.82
2353284	Humus	0.81	8.7	2.0	0.27	0.04	<0.05	1.0	3.56	12.66	<0.02	3	<0.1	4.7	<10	<2	29.5	7.58
2353285	Humus	0.96	12.4	4.3	0.40	0.05	<0.05	1.2	11.67	24.80	0.02	1	0.4	7.9	<10	<2	30.8	9.13
2353286	Humus	1.08	5.8	3.0	0.32	0.05	<0.05	1.6	5.99	18.65	0.02	1	0.3	6.9	<10	<2	30.0	9.52
2353287	Humus	0.73	18.6	4.1	0.26	0.07	<0.05	1.4	10.84	31.53	0.02	<1	0.4	7.5	<10	<2	30.2	12.05
2353288	Humus	0.90	12.3	2.4	0.27	0.09	<0.05	1.2	7.45	17.71	<0.02	<1	0.2	7.0	<10	<2	29.4	12.74
2353289	Humus	0.75	8.2	2.8	0.25	0.04	<0.05	0.9	6.66	22.13	<0.02	1	0.2	5.6	<10	<2	29.8	6.34
2353290	Humus	0.69	5.0	2.2	0.29	0.04	<0.05	0.9	4.59	13.76	<0.02	<1	0.2	3.9	<10	<2	29.0	11.45
2353291	Humus	0.39	6.1	1.3	0.13	0.06	<0.05	0.7	2.15	9.34	<0.02	<1	<0.1	1.7	<10	<2	30.2	17.42
2353292	Humus	0.43	4.6	0.8	0.24	0.13	<0.05	1.0	1.39	6.38	<0.02	<1	<0.1	2.2	<10	<2	30.7	31.55
2353293	Humus	0.71	14.4	2.8	0.32	0.03	<0.05	1.4	11.04	44.13	<0.02	<1	0.3	4.5	<10	<2	31.2	9.27
2353294	Humus	0.49	8.3	2.2	0.26	0.05	<0.05	0.1	9.42	34.75	0.02	2	0.4	4.9	<10	<2	29.8	24.31
2353295	Humus	0.40	4.8	1.0	0.15	0.05	<0.05	0.2	1.26	6.63	<0.02	<1	<0.1	2.5	<10	<2	29.2	24.78
2353296	Humus	0.49	6.9	2.4	0.23	0.07	<0.05	0.6	7.88	30.31	<0.02	<1	0.4	4.7	<10	<2	28.8	34.30
2353297	Humus	0.72	6.7	2.7	0.34	0.01	<0.05	0.9	5.34	19.03	<0.02	<1	0.2	7.7	<10	<2	29.8	3.41
2353298	Humus	0.43	6.4	1.8	0.16	0.12	<0.05	1.3	12.25	21.20	<0.02	2	0.2	3.3	<10	<2	29.4	30.49
2353299	Humus	0.68	11.3	2.6	0.26	0.07	<0.05	1.0	9.83	25.12	<0.02	<1	0.3	6.0	<10	<2	28.7	13.26
2353300	Rock Pulp	0.39	2.6	13.8	1.01	0.01	<0.05	45.2	17.56	40.18	0.07	<1	0.9	6.4	<10	<2	30.7	0.93

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Project: Babine Lake Cu
Report Date: August 14, 2013

CERTIFICATE OF ANALYSIS SMI13000087.1

Method		WGHT	SS60	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		Wgt	Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.001	0.1	0.01	0.2	0.1	0.5	0.01	0.02	0.02	2
2353301	Humus	0.69	685	1.26	11.85	7.45	50.6	112	11.3	7.6	745	2.048	4.3	0.54	1.8	1.4	66.5	0.23	0.31	0.07	39
2353302	Humus	0.50	500	1.72	10.74	6.44	46.3	101	9.6	6.9	701	1.851	3.3	0.48	0.5	1.2	83.2	0.25	0.26	0.13	35
2353303	Humus	0.64	635	12.53	27.46	9.38	293.9	103	18.8	11.7	1881	3.080	23.8	0.22	1.6	0.4	46.2	1.42	1.44	0.12	43
2353304	Humus	0.46	460	2.58	8.81	3.99	112.6	121	4.0	2.0	1055	0.459	0.9	0.14	0.6	<0.1	70.2	0.35	0.05	0.02	9
2353305	Humus	0.27	270	3.79	7.06	2.66	164.2	92	3.5	1.0	724	0.250	0.4	0.05	0.4	<0.1	67.4	0.49	0.04	<0.02	4
2353306	Humus	0.79	790	1.16	15.36	7.63	152.1	26	18.2	9.0	554	2.762	1.1	0.69	1.0	2.9	127.5	0.44	0.07	0.04	58
2353307	Humus	0.40	400	3.91	7.93	2.20	214.9	52	3.7	0.6	497	0.221	0.7	0.16	<0.2	<0.1	166.4	0.41	0.04	<0.02	6
2353308	Humus	0.67	665	5.20	8.47	4.97	83.7	103	4.9	3.2	601	0.902	0.4	0.21	0.4	0.3	46.9	0.42	0.09	0.02	19
2353309	Humus	0.76	760	0.94	38.01	3.41	120.0	309	10.8	2.5	862	0.592	1.0	11.43	0.5	<0.1	222.5	0.40	0.53	0.03	25
2353310	Humus	0.79	790	1.77	9.41	2.13	45.2	63	3.0	2.0	708	0.236	0.7	0.94	<0.2	<0.1	166.0	0.31	0.25	<0.02	6
2353311	Humus	0.83	825	1.03	1.79	1.57	74.0	13	0.8	0.4	83	0.039	1.0	0.03	2.1	<0.1	163.9	0.08	0.06	0.10	<2
2353312	Humus	0.73	730	1.17	9.98	6.36	115.2	128	7.1	4.9	968	1.621	2.5	0.26	1.5	0.2	82.1	0.78	0.22	0.08	31
2353313	Humus	0.76	760	1.84	7.72	5.52	146.5	113	5.6	3.9	1189	1.030	1.2	0.17	0.9	<0.1	113.8	0.79	0.14	0.05	23
2353314	Humus	0.52	515	1.71	10.93	8.23	213.4	91	6.1	3.7	2672	0.912	2.4	0.16	0.9	<0.1	171.8	0.86	0.19	0.05	18
2353315	Humus	0.67	670	1.29	18.86	7.30	101.8	50	14.9	7.9	653	2.099	4.9	0.44	0.8	0.8	94.1	0.34	0.46	0.09	37
2353316	Humus	0.81	805	1.49	14.89	7.17	72.4	96	10.1	7.2	1100	1.459	3.4	0.25	0.9	0.3	52.0	0.39	0.21	0.08	25
2353317	Humus	1.24	1240	1.27	9.35	8.62	63.7	34	8.2	5.2	530	1.560	2.8	0.28	0.9	0.4	36.9	0.18	0.20	0.08	30
2353318	Humus	0.73	730	1.00	10.04	5.55	89.3	116	8.1	5.6	1257	1.224	1.7	0.16	0.8	<0.1	73.5	0.28	0.12	0.05	22
2353319	Humus	1.22	1215	1.05	14.13	3.66	104.7	231	8.9	2.5	732	0.793	0.9	0.24	0.7	0.2	134.9	0.47	0.13	0.04	12
2353320	Humus	0.76	755	1.71	5.76	6.12	102.1	108	6.2	5.7	1114	1.177	1.3	0.21	0.6	0.4	40.2	0.31	0.12	0.07	22
2353321	Humus	0.54	535	1.31	3.56	3.45	55.6	84	2.7	1.3	271	0.588	0.8	0.09	<0.2	<0.1	23.1	0.41	0.07	0.09	11
2353322	Rock Pulp	0.08		0.30	26.99	7.82	33.5	61	7.7	12.7	369	4.397	1.8	0.55	0.6	2.1	23.6	0.11	0.03	0.12	150
2353323	Humus	0.80	795	1.96	8.16	5.21	71.8	86	4.4	3.0	928	0.841	1.7	0.19	0.5	0.1	90.4	0.31	0.11	0.06	17
2353324	Humus	0.44	440	2.61	7.96	2.11	200.0	57	1.9	0.7	1370	0.110	0.7	0.04	1.1	<0.1	336.4	0.24	0.03	<0.02	<2
2353325	Humus	0.26	260	1.43	7.24	2.76	159.3	91	3.3	1.1	1429	0.296	0.8	0.04	0.9	<0.1	220.6	0.38	0.05	<0.02	6
2353326	Humus	0.35	345	2.41	11.85	3.61	201.7	195	10.1	2.7	2363	0.622	1.0	0.28	0.6	<0.1	243.0	0.44	0.11	0.03	11
2353327	Humus	0.54	535	1.02	8.23	4.61	131.5	132	7.1	3.8	1474	1.131	1.4	0.23	0.7	0.5	113.3	0.27	0.14	0.06	21
2353328	Humus	0.44	440	2.46	11.61	2.94	274.7	190	3.6	1.5	1725	0.212	0.9	0.05	0.9	<0.1	188.2	0.89	0.05	<0.02	4
2353329	Humus	0.60	600	1.93	11.20	4.58	70.1	122	6.2	4.6	840	0.973	1.4	0.15	0.8	0.2	211.0	0.25	0.10	0.05	18
2353330	Humus	0.46	455	0.87	4.53	2.53	84.7	38	1.4	0.3	908	0.052	0.7	0.01	0.3	<0.1	336.9	0.13	0.03	<0.02	<2

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Project: Babine Lake Cu
Report Date: August 14, 2013

CERTIFICATE OF ANALYSIS SMI13000087.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.001	0.5	0.5	0.01	0.5	0.001	1	0.001	0.001	0.001	0.01	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
2353301	Humus	0.793	0.090	9.9	17.5	0.39	171.5	0.038	3	1.265	0.010	0.333	0.04	0.06	66	0.1	<0.02	3.7	1.23	0.1	0.06
2353302	Humus	1.037	0.104	9.0	15.7	0.38	223.0	0.036	4	1.153	0.010	0.309	0.03	0.04	76	<0.1	0.02	3.6	1.08	<0.1	0.06
2353303	Humus	0.832	0.174	8.4	17.8	0.40	342.1	0.014	4	1.819	0.007	0.221	0.04	0.08	80	0.3	0.07	5.1	2.89	<0.1	<0.02
2353304	Humus	1.257	0.106	3.1	6.0	0.14	176.7	0.021	9	0.437	0.005	0.135	0.03	0.03	246	0.2	<0.02	1.0	1.46	<0.1	0.10
2353305	Humus	1.351	0.089	1.3	4.6	0.15	135.2	0.011	10	0.225	0.003	0.109	0.02	<0.02	161	0.1	0.02	0.6	0.26	<0.1	0.07
2353306	Humus	1.733	0.099	24.0	43.7	0.71	325.9	0.136	5	2.137	0.012	0.339	<0.01	0.02	58	0.3	0.04	5.8	2.56	<0.1	0.80
2353307	Humus	3.548	0.120	8.6	3.5	0.19	285.5	0.005	14	0.238	0.006	0.305	0.04	<0.02	182	0.1	0.03	0.6	0.43	<0.1	0.06
2353308	Humus	0.794	0.066	4.4	11.1	0.21	111.6	0.041	5	0.532	0.009	0.164	0.05	<0.02	118	0.3	0.02	1.8	0.45	<0.1	0.09
2353309	Humus	3.553	0.108	42.0	5.5	0.36	210.4	0.010	12	0.567	0.045	0.093	0.05	0.04	187	0.5	0.05	1.6	0.66	<0.1	0.05
2353310	Humus	2.689	0.099	1.7	3.1	0.41	75.3	0.004	5	0.199	0.048	0.075	0.04	<0.02	108	0.4	0.04	0.5	0.24	<0.1	0.05
2353311	Humus	2.133	0.069	<0.5	2.3	0.23	75.0	0.001	13	0.026	0.106	0.059	0.02	<0.02	203	0.2	<0.02	<0.1	0.06	<0.1	<0.02
2353312	Humus	1.068	0.118	5.9	10.0	0.20	376.0	0.020	3	0.881	0.006	0.253	0.06	0.05	88	<0.1	<0.02	2.9	0.44	<0.1	<0.02
2353313	Humus	1.434	0.125	5.4	8.4	0.15	387.3	0.023	6	0.534	0.008	0.231	0.04	0.03	93	<0.1	<0.02	2.3	0.44	<0.1	<0.02
2353314	Humus	2.840	0.109	4.9	6.6	0.21	446.3	0.016	10	0.463	0.009	0.236	0.06	0.04	225	0.2	<0.02	1.7	0.37	<0.1	<0.02
2353315	Humus	1.073	0.100	9.9	14.0	0.42	219.9	0.022	6	1.101	0.013	0.235	0.14	0.06	72	<0.1	0.02	3.4	0.43	<0.1	0.05
2353316	Humus	0.710	0.074	6.2	9.7	0.27	197.2	0.011	4	0.899	0.006	0.166	0.06	0.04	211	0.2	<0.02	2.7	0.32	<0.1	<0.02
2353317	Humus	0.489	0.080	8.3	12.6	0.27	129.6	0.034	3	0.901	0.010	0.170	0.06	0.04	132	<0.1	<0.02	3.0	0.61	<0.1	0.03
2353318	Humus	0.806	0.080	4.0	8.1	0.24	240.3	0.010	3	0.890	0.005	0.213	0.04	0.05	93	<0.1	<0.02	2.8	0.40	<0.1	<0.02
2353319	Humus	2.138	0.080	6.2	6.1	0.25	217.3	0.003	5	0.889	0.010	0.088	0.04	0.04	208	0.2	<0.02	2.4	0.38	<0.1	0.07
2353320	Humus	0.552	0.096	5.7	9.7	0.17	144.8	0.033	3	0.795	0.007	0.112	0.06	0.04	132	0.1	<0.02	2.7	0.48	<0.1	<0.02
2353321	Humus	0.322	0.094	2.2	5.1	0.08	64.0	0.017	6	0.352	0.005	0.137	0.04	<0.02	131	<0.1	<0.02	1.2	0.27	<0.1	0.02
2353322	Rock Pulp	0.265	0.041	11.6	15.7	0.36	65.4	0.398	<1	5.101	0.049	0.020	0.10	0.14	45	0.2	<0.02	10.8	1.02	<0.1	0.69
2353323	Humus	0.983	0.085	3.6	6.2	0.19	183.1	0.018	5	0.582	0.017	0.114	0.05	0.03	242	0.2	<0.02	1.8	0.37	<0.1	<0.02
2353324	Humus	2.985	0.117	<0.5	1.9	0.18	293.4	0.003	19	0.068	0.015	0.341	0.02	0.02	204	0.2	<0.02	0.3	0.24	<0.1	<0.02
2353325	Humus	4.457	0.120	1.9	4.1	0.14	337.5	0.008	15	0.174	0.005	0.235	0.05	<0.02	168	0.3	<0.02	0.7	0.29	<0.1	<0.02
2353326	Humus	2.930	0.185	22.4	5.5	0.16	493.1	0.005	7	0.835	0.007	0.336	0.04	0.04	162	0.3	<0.02	1.8	0.35	<0.1	<0.02
2353327	Humus	1.642	0.118	6.3	9.5	0.22	230.9	0.034	6	0.728	0.007	0.213	0.05	0.04	101	<0.1	<0.02	2.3	0.69	<0.1	<0.02
2353328	Humus	3.288	0.125	1.6	2.8	0.14	375.9	0.005	19	0.152	0.003	0.290	0.02	<0.02	207	0.1	<0.02	0.5	0.17	<0.1	<0.02
2353329	Humus	2.012	0.112	4.2	7.2	0.23	279.1	0.027	18	0.565	0.009	0.327	0.07	0.03	148	0.2	<0.02	1.7	0.50	<0.1	0.02
2353330	Humus	3.970	0.099	<0.5	1.5	0.17	208.1	0.002	10	0.037	0.006	0.134	0.02	<0.02	237	<0.1	<0.02	0.1	0.10	<0.1	<0.02

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Project: Babine Lake Cu
Report Date: August 14, 2013

CERTIFICATE OF ANALYSIS SMI13000087.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	2A Leco
	Analyte	Nb	Rb	Sc	Sn	S	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Weight	TOT/C
	Unit	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	g	%
	MDL	0.02	0.1	0.1	0.02	0.01	0.05	0.1	0.01	0.01	0.02	1	0.1	0.1	10	2	0.1	0.02
2353301	Humus	0.86	12.1	3.9	0.35	0.05	<0.05	3.2	5.33	23.63	0.02	5	0.2	6.8	<10	<2	31.1	7.21
2353302	Humus	0.82	11.6	3.6	0.31	0.06	<0.05	3.6	4.37	20.86	<0.02	1	0.2	6.3	<10	3	29.0	14.37
2353303	Humus	0.96	13.2	2.9	0.42	0.05	<0.05	0.5	3.82	18.54	0.03	1	0.5	7.4	<10	<2	29.5	14.84
2353304	Humus	0.58	9.9	0.9	0.12	0.15	<0.05	6.2	1.72	7.09	<0.02	<1	0.1	1.0	10	<2	29.6	48.12
2353305	Humus	0.19	5.4	0.5	0.08	0.12	<0.05	2.1	0.63	3.10	<0.02	<1	<0.1	1.0	<10	<2	28.8	52.40
2353306	Humus	1.32	32.8	7.2	0.67	0.04	<0.05	39.1	10.84	47.40	0.03	<1	0.3	10.4	20	2	30.3	15.29
2353307	Humus	0.10	5.9	0.8	0.06	0.11	<0.05	2.2	7.19	4.42	<0.02	<1	<0.1	1.1	<10	<2	30.6	40.98
2353308	Humus	0.63	7.0	1.5	0.23	0.07	<0.05	3.2	2.11	9.69	<0.02	<1	0.2	3.9	<10	<2	29.8	32.09
2353309	Humus	0.39	4.8	1.1	0.14	0.12	<0.05	1.9	34.54	15.86	<0.02	<1	0.2	2.7	<10	<2	28.9	36.29
2353310	Humus	0.09	2.7	0.5	0.04	0.16	<0.05	1.6	1.42	2.80	<0.02	4	<0.1	0.9	<10	<2	28.7	43.98
2353311	Humus	0.02	0.9	0.6	0.22	0.14	<0.05	0.2	0.17	0.33	<0.02	4	<0.1	0.3	<10	<2	30.3	45.25
2353312	Humus	0.41	7.7	1.3	0.36	0.04	<0.05	0.3	2.89	12.37	<0.02	<1	0.3	3.9	<10	<2	28.7	10.29
2353313	Humus	0.55	8.7	0.7	0.32	0.07	<0.05	0.3	1.95	10.38	<0.02	2	<0.1	2.2	<10	<2	30.3	20.16
2353314	Humus	0.31	8.8	0.9	0.19	0.09	<0.05	0.3	3.16	9.51	<0.02	2	0.1	2.6	<10	<2	30.7	26.14
2353315	Humus	0.59	6.6	3.3	0.24	0.06	<0.05	2.0	7.26	19.60	0.02	2	0.7	8.6	<10	<2	28.5	11.53
2353316	Humus	0.39	7.1	2.1	0.27	0.08	<0.05	0.5	3.90	11.73	<0.02	<1	0.4	5.0	<10	<2	29.6	22.27
2353317	Humus	0.74	7.5	2.4	0.28	0.06	<0.05	0.9	3.97	15.55	<0.02	<1	0.4	3.5	<10	<2	29.4	15.33
2353318	Humus	0.44	7.2	1.4	0.21	0.08	<0.05	0.2	1.69	8.19	<0.02	<1	0.2	4.2	<10	<2	30.4	25.90
2353319	Humus	0.26	5.4	1.9	0.22	0.13	<0.05	2.6	6.82	8.38	<0.02	1	0.2	4.2	<10	<2	29.7	37.98
2353320	Humus	0.70	6.3	1.8	0.28	0.05	<0.05	0.9	2.49	12.24	<0.02	<1	<0.1	3.1	<10	<2	30.4	19.91
2353321	Humus	0.27	2.9	0.7	0.13	0.07	<0.05	1.0	0.95	4.32	<0.02	<1	<0.1	1.0	<10	<2	30.0	44.44
2353322	Rock Pulp	0.50	2.3	13.2	1.04	0.01	<0.05	45.2	16.54	34.36	0.07	<1	0.7	6.0	<10	<2	30.1	0.94
2353323	Humus	0.46	5.8	1.1	0.18	0.11	<0.05	0.9	1.58	7.13	<0.02	<1	0.1	2.4	<10	<2	28.9	32.84
2353324	Humus	0.06	5.5	0.5	0.03	0.15	<0.05	0.3	0.25	0.79	<0.02	<1	<0.1	0.2	<10	<2	29.0	43.93
2353325	Humus	0.21	4.7	0.5	0.06	0.10	<0.05	<0.1	0.81	2.99	<0.02	<1	<0.1	1.4	<10	<2	28.7	29.20
2353326	Humus	0.23	5.8	0.9	0.12	0.11	<0.05	0.5	19.95	31.92	<0.02	<1	0.3	2.0	<10	<2	29.3	37.01
2353327	Humus	0.63	12.8	1.7	0.26	0.07	<0.05	1.0	2.88	13.24	<0.02	<1	0.2	2.9	<10	<2	28.7	20.24
2353328	Humus	0.14	4.1	0.4	0.05	0.14	<0.05	0.2	0.84	2.59	<0.02	<1	<0.1	0.7	<10	<2	28.5	40.01
2353329	Humus	0.49	9.3	1.3	0.25	0.10	<0.05	1.0	1.90	9.24	<0.02	<1	<0.1	2.9	<10	<2	29.0	25.36
2353330	Humus	0.04	3.4	0.8	<0.02	0.14	<0.05	0.2	0.22	0.52	<0.02	1	<0.1	0.2	<10	<2	30.0	41.60

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Project: Babine Lake Cu
Report Date: August 14, 2013

CERTIFICATE OF ANALYSIS SMI13000087.1

Method		WGHT	SS60	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		Wgt	Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.001	0.1	0.01	0.2	0.1	0.5	0.01	0.02	0.02	2
2353331	Humus	0.61	605	4.26	10.44	4.24	187.2	115	3.2	3.4	1295	0.330	0.5	0.06	0.4	<0.1	170.2	1.23	0.07	0.03	6
2353332	Humus	0.33	325	2.70	11.22	3.38	118.8	124	2.8	1.1	912	0.121	0.4	0.06	0.4	<0.1	224.0	1.11	0.07	<0.02	<2
2353333	Humus	0.50	495	2.70	7.60	2.87	216.2	160	2.9	1.2	2605	0.266	0.7	0.03	3.6	<0.1	200.1	0.45	0.06	<0.02	5
2353334	Humus	0.56	560	2.00	11.89	3.52	296.0	101	5.3	3.9	1795	0.664	0.6	0.09	0.3	0.1	133.2	0.80	0.06	0.03	11
2353335	Humus	0.36	360	2.82	7.58	3.52	379.9	62	3.2	1.6	2475	0.417	0.6	0.08	0.8	<0.1	333.8	0.32	0.05	<0.02	8
2353336	Humus	0.42	415	4.98	5.22	4.65	89.6	182	3.4	1.4	1946	0.388	0.6	0.06	0.6	<0.1	50.4	0.30	0.06	0.02	8
2353337	Humus	0.61	605	4.30	5.48	7.27	116.9	69	4.7	3.0	3378	0.606	1.1	0.14	0.7	0.1	51.0	0.22	0.09	0.05	12
2353338	Humus	0.43	425	2.74	6.72	3.76	113.6	43	3.2	1.6	990	0.480	0.5	0.10	0.5	<0.1	55.7	0.36	0.05	0.03	8
2353339	Humus	0.51	510	2.37	5.57	2.90	104.7	145	1.6	0.5	591	0.110	0.4	0.07	0.8	<0.1	70.3	0.29	0.04	<0.02	<2
2353340	Humus	0.55	545	5.89	9.95	4.51	173.3	129	4.4	2.7	4404	0.288	0.9	0.07	0.2	<0.1	96.8	0.84	0.05	0.03	6
2353341	Humus	0.48	480	3.97	6.75	4.06	108.4	167	2.7	1.1	2635	0.177	0.3	0.04	0.7	<0.1	122.7	0.55	0.05	<0.02	3
2353342	Humus	0.48	475	6.25	9.45	5.80	149.2	110	5.9	2.3	5319	0.317	0.9	0.10	0.6	<0.1	116.0	0.90	0.09	0.03	6
2353343	Humus	0.45	450	2.61	5.62	2.68	206.2	163	2.8	0.5	2313	0.099	<0.1	0.03	1.0	<0.1	149.3	0.74	0.05	0.08	<2
2353344	Humus	0.54	535	2.14	13.62	3.23	87.3	217	7.8	1.9	978	0.533	1.9	0.50	0.5	0.3	162.9	0.50	0.21	0.07	9
2353345	Humus	0.66	655	5.04	9.64	4.57	31.5	59	4.9	4.0	771	0.849	1.2	0.16	0.6	0.2	82.8	0.33	0.15	0.06	16
2353346	Humus	0.76	760	3.37	12.07	5.35	52.9	84	7.2	5.1	917	1.199	1.9	0.25	<0.2	0.5	77.9	0.47	0.18	0.07	23
2353347	Rock Pulp	0.08		0.30	28.55	7.69	39.4	65	8.3	12.7	388	4.692	1.5	0.58	6.3	2.2	24.9	0.11	0.02	0.13	154
2353348	Humus	0.70	695	3.28	7.25	3.84	111.2	104	5.2	2.6	917	0.803	0.4	0.12	0.2	0.2	42.9	0.38	0.10	0.04	16
2353349	Humus	0.88	880	2.53	6.96	5.06	138.6	169	5.4	3.3	1608	1.059	0.4	0.17	0.2	0.5	36.6	0.35	0.11	0.05	21
2353350	Humus	0.55	550	1.06	5.67	3.65	98.4	119	4.7	2.3	940	0.872	1.0	0.12	<0.2	0.3	32.6	0.16	0.12	0.04	19
2353351	Humus	0.66	655	1.47	5.91	4.50	91.5	85	7.6	3.5	978	1.245	1.6	0.19	1.0	0.4	31.6	0.21	0.16	0.06	26
2353352	Humus	0.41	405	7.08	5.39	4.27	64.4	48	2.6	1.2	515	0.198	<0.1	0.04	0.5	<0.1	37.0	0.17	0.09	0.03	4
2353353	Humus	0.45	450	1.36	11.70	2.42	61.9	45	4.9	1.9	431	0.401	0.4	0.80	0.2	<0.1	124.3	0.62	0.09	0.02	8
2353354	Humus	0.87	865	1.00	17.13	4.48	103.7	104	8.4	4.5	642	1.322	2.2	0.46	0.4	0.2	98.4	0.26	0.19	0.06	27
2353355	Humus	0.90	895	1.40	20.27	4.55	97.8	196	11.3	5.1	1245	1.363	1.3	0.32	1.1	0.2	98.7	0.34	0.15	0.10	23
2353356	Humus	0.80	795	0.74	10.10	5.25	64.4	27	8.2	4.6	285	1.715	3.8	0.25	2.3	0.8	57.0	0.18	0.28	0.07	39
2353357	Humus	0.69	685	2.39	15.03	4.90	157.7	81	6.9	3.6	1080	0.977	1.0	0.14	0.2	0.2	67.0	0.65	0.13	0.06	19
2353358	Humus	0.62	615	3.60	12.44	3.06	140.4	66	4.3	1.9	882	0.414	0.5	0.03	<0.2	<0.1	105.2	0.43	0.07	0.03	8
2353359	Humus	0.68	675	1.20	8.69	2.12	97.9	83	5.1	1.7	448	0.413	0.5	0.12	<0.2	0.1	140.8	0.14	0.06	0.03	7
2353360	Humus	1.23	1230	0.84	10.34	5.67	82.2	129	9.7	5.7	887	1.677	1.8	0.33	0.6	0.4	56.2	0.22	0.20	0.07	36

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Project: Babine Lake Cu
Report Date: August 14, 2013

CERTIFICATE OF ANALYSIS SMI13000087.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.001	0.5	0.5	0.01	0.5	0.001	1	0.001	0.001	0.001	0.01	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
2353331	Humus	2.125	0.082	1.5	3.1	0.16	243.3	0.014	6	0.194	0.004	0.125	0.06	<0.02	129	0.3	<0.02	0.8	0.33	<0.1	0.02
2353332	Humus	2.952	0.156	1.1	2.0	0.22	153.7	0.003	13	0.082	0.002	0.189	0.02	<0.02	184	<0.1	<0.02	0.3	0.14	<0.1	<0.02
2353333	Humus	3.496	0.114	1.3	2.7	0.14	355.6	0.008	17	0.160	0.005	0.258	0.04	0.03	187	<0.1	<0.02	0.6	0.64	<0.1	<0.02
2353334	Humus	1.881	0.153	2.9	5.8	0.18	346.4	0.018	14	0.461	0.005	0.264	0.03	0.03	203	0.2	<0.02	1.5	0.46	<0.1	0.03
2353335	Humus	2.824	0.122	1.9	3.8	0.14	596.3	0.011	14	0.316	0.005	0.183	0.02	0.03	167	<0.1	<0.02	1.0	0.39	<0.1	<0.02
2353336	Humus	0.870	0.120	1.9	3.7	0.10	114.5	0.011	3	0.329	0.004	0.151	0.04	0.03	170	0.2	<0.02	0.9	0.21	<0.1	<0.02
2353337	Humus	0.742	0.101	4.3	5.0	0.10	208.5	0.019	3	0.545	0.005	0.158	0.06	0.06	188	<0.1	<0.02	1.7	0.49	<0.1	<0.02
2353338	Humus	0.832	0.133	2.0	3.4	0.11	142.5	0.016	8	0.361	0.003	0.183	0.05	0.03	186	<0.1	<0.02	1.2	0.36	<0.1	<0.02
2353339	Humus	1.005	0.090	0.9	1.9	0.13	115.3	0.004	8	0.124	0.002	0.136	0.03	<0.02	261	<0.1	<0.02	0.2	0.08	<0.1	<0.02
2353340	Humus	1.610	0.136	2.3	2.5	0.11	214.5	0.005	4	0.308	0.004	0.246	0.05	0.04	185	<0.1	0.03	0.9	0.22	<0.1	<0.02
2353341	Humus	2.569	0.151	0.8	2.2	0.10	246.9	0.005	7	0.108	0.003	0.206	0.05	0.03	243	<0.1	<0.02	0.5	0.20	<0.1	<0.02
2353342	Humus	2.307	0.143	4.9	2.8	0.09	323.3	0.005	5	0.249	0.003	0.183	0.05	0.06	225	<0.1	<0.02	0.8	0.21	<0.1	<0.02
2353343	Humus	2.154	0.112	1.3	1.9	0.09	340.4	0.002	9	0.088	0.002	0.177	0.04	0.02	206	0.1	<0.02	0.3	0.12	<0.1	<0.02
2353344	Humus	2.231	0.117	15.9	4.2	0.24	269.5	0.006	13	0.364	0.009	0.265	0.06	0.07	219	0.2	0.02	1.0	0.43	<0.1	0.09
2353345	Humus	1.043	0.075	4.2	7.2	0.20	121.5	0.023	2	0.447	0.007	0.111	0.08	0.03	104	0.3	<0.02	1.4	0.45	<0.1	0.05
2353346	Humus	1.084	0.090	6.5	10.5	0.26	141.0	0.030	4	0.606	0.007	0.148	0.07	0.05	115	0.3	<0.02	1.9	0.75	<0.1	0.05
2353347	Rock Pulp	0.268	0.046	12.4	16.7	0.40	69.3	0.421	1	5.423	0.054	0.020	0.10	0.15	56	0.4	0.09	11.3	1.08	0.2	0.82
2353348	Humus	0.661	0.081	7.5	6.8	0.15	127.4	0.026	3	0.478	0.007	0.119	0.07	0.03	87	<0.1	<0.02	1.5	0.47	<0.1	<0.02
2353349	Humus	0.638	0.093	5.3	8.2	0.16	171.9	0.035	5	0.593	0.006	0.174	0.05	0.03	89	<0.1	<0.02	1.9	0.51	<0.1	0.02
2353350	Humus	0.700	0.067	3.7	7.5	0.20	159.0	0.031	5	0.633	0.005	0.139	0.07	0.03	135	<0.1	<0.02	1.9	0.51	<0.1	<0.02
2353351	Humus	0.583	0.070	5.5	9.4	0.21	149.5	0.038	4	0.900	0.006	0.131	0.06	0.03	97	0.1	0.03	2.6	0.80	<0.1	0.02
2353352	Humus	0.592	0.136	1.2	4.2	0.07	158.5	0.013	4	0.204	0.005	0.153	0.09	0.02	209	<0.1	<0.02	0.6	0.41	<0.1	0.03
2353353	Humus	1.960	0.102	4.4	3.6	0.41	117.3	0.010	9	0.226	0.109	0.278	0.06	<0.02	107	0.5	<0.02	0.7	0.19	<0.1	0.02
2353354	Humus	1.461	0.097	10.2	10.2	0.35	131.4	0.027	8	0.855	0.008	0.193	0.08	0.04	54	0.2	<0.02	2.6	0.50	<0.1	<0.02
2353355	Humus	1.240	0.097	17.1	11.5	0.33	202.1	0.022	6	1.167	0.007	0.179	0.09	0.04	79	0.2	0.03	3.0	0.62	<0.1	0.02
2353356	Humus	0.677	0.061	6.5	13.2	0.31	96.5	0.048	5	0.904	0.009	0.141	0.09	0.04	30	0.2	0.02	2.7	0.50	<0.1	0.04
2353357	Humus	0.959	0.089	5.2	8.3	0.22	186.5	0.029	8	0.559	0.008	0.175	0.07	0.03	98	0.2	<0.02	1.8	0.40	<0.1	<0.02
2353358	Humus	1.429	0.091	2.0	4.2	0.22	147.7	0.013	11	0.259	0.005	0.148	0.04	<0.02	117	<0.1	0.02	0.8	0.24	<0.1	0.02
2353359	Humus	1.763	0.081	5.8	4.2	0.16	192.3	0.007	7	0.378	0.003	0.108	0.04	0.03	161	0.1	<0.02	0.9	0.30	<0.1	0.03
2353360	Humus	0.582	0.050	8.3	12.6	0.27	175.2	0.055	1	0.983	0.009	0.087	0.06	0.04	66	<0.1	<0.02	3.2	0.60	<0.1	0.03

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Project: Babine Lake Cu
Report Date: August 14, 2013

CERTIFICATE OF ANALYSIS SMI13000087.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	2A Leco
	Analyte	Nb	Rb	Sc	Sn	S	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Weight	TOT/C
	Unit	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	g	%
	MDL	0.02	0.1	0.1	0.02	0.01	0.05	0.1	0.01	0.01	0.02	1	0.1	0.1	10	2	0.1	0.02
2353331	Humus	0.27	4.9	0.4	0.12	0.13	<0.05	0.8	0.66	3.03	<0.02	<1	<0.1	0.7	<10	<2	29.2	36.78
2353332	Humus	0.07	3.2	0.3	0.08	0.17	<0.05	0.5	1.17	1.31	<0.02	<1	<0.1	0.6	<10	<2	29.4	46.56
2353333	Humus	0.11	11.6	0.4	0.05	0.12	<0.05	0.1	0.57	2.14	<0.02	<1	<0.1	0.9	<10	<2	29.1	37.19
2353334	Humus	0.37	9.9	1.3	0.15	0.11	<0.05	1.5	1.64	7.80	<0.02	<1	0.1	1.7	<10	<2	29.3	38.45
2353335	Humus	0.26	5.5	0.8	0.05	0.12	<0.05	0.3	1.03	3.86	<0.02	<1	0.2	1.0	<10	3	29.5	34.76
2353336	Humus	0.18	3.4	0.6	0.08	0.08	<0.05	0.3	0.85	3.63	<0.02	<1	<0.1	1.0	<10	<2	29.7	44.37
2353337	Humus	0.34	9.6	0.7	0.15	0.07	<0.05	<0.1	1.57	8.41	<0.02	<1	0.2	2.5	<10	<2	31.5	29.16
2353338	Humus	0.48	6.2	0.6	0.11	0.13	<0.05	1.1	0.96	3.70	<0.02	1	0.2	1.0	<10	<2	28.6	49.44
2353339	Humus	0.07	2.6	0.4	<0.02	0.13	<0.05	0.8	0.64	1.65	<0.02	<1	<0.1	0.2	<10	<2	29.1	54.91
2353340	Humus	0.15	5.6	0.5	0.07	0.10	<0.05	<0.1	0.88	4.33	<0.02	<1	<0.1	0.8	<10	<2	29.4	37.67
2353341	Humus	0.09	4.2	0.5	<0.02	0.13	<0.05	0.3	0.39	1.50	<0.02	3	<0.1	0.5	<10	<2	28.8	45.16
2353342	Humus	0.11	2.9	0.6	0.06	0.13	<0.05	0.4	4.08	6.66	<0.02	1	0.1	0.8	<10	<2	30.3	39.82
2353343	Humus	0.04	3.9	0.6	0.08	0.10	<0.05	0.6	1.39	1.71	<0.02	<1	<0.1	0.2	<10	<2	29.0	48.78
2353344	Humus	0.20	6.4	1.3	0.21	0.14	<0.05	2.6	17.90	19.40	<0.02	<1	0.3	1.4	<10	<2	29.2	38.61
2353345	Humus	0.31	5.2	1.4	0.18	0.09	<0.05	2.1	2.47	9.21	<0.02	<1	0.3	2.3	<10	<2	28.5	25.53
2353346	Humus	0.50	8.9	2.0	0.18	0.08	<0.05	2.5	3.80	14.46	<0.02	<1	<0.1	3.5	<10	<2	30.6	26.84
2353347	Rock Pulp	0.58	2.6	13.5	1.18	0.01	<0.05	50.6	17.91	35.70	0.04	<1	1.2	5.9	<10	3	29.8	1.00
2353348	Humus	0.38	5.8	1.2	0.18	0.06	<0.05	0.8	4.81	9.84	<0.02	<1	<0.1	2.5	<10	<2	31.3	23.61
2353349	Humus	0.56	10.8	1.5	0.21	0.04	<0.05	1.0	2.22	10.92	<0.02	<1	0.2	3.0	<10	<2	31.1	12.82
2353350	Humus	0.50	11.3	1.3	0.19	0.06	<0.05	1.1	1.68	7.49	<0.02	<1	0.1	2.6	<10	<2	28.9	26.69
2353351	Humus	0.72	13.1	1.9	0.32	0.03	<0.05	0.9	2.65	10.94	<0.02	<1	0.3	4.6	<10	<2	28.5	12.93
2353352	Humus	0.22	6.2	0.9	0.10	0.09	<0.05	1.5	0.61	2.63	<0.02	<1	0.1	0.5	<10	<2	28.7	47.49
2353353	Humus	0.15	2.7	0.6	0.08	0.26	<0.05	0.8	3.59	4.67	<0.02	3	<0.1	1.0	<10	<2	28.7	36.31
2353354	Humus	0.55	11.3	2.0	0.18	0.10	<0.05	0.9	8.36	14.75	<0.02	<1	0.4	4.7	<10	<2	31.2	17.49
2353355	Humus	0.59	10.0	2.5	0.19	0.07	<0.05	0.8	12.99	31.23	<0.02	<1	0.2	5.8	<10	<2	31.2	14.68
2353356	Humus	0.63	5.5	2.3	0.26	0.04	<0.05	1.8	3.57	13.67	<0.02	<1	0.1	4.6	<10	<2	31.2	6.56
2353357	Humus	0.43	8.3	1.5	0.15	0.08	<0.05	0.7	2.84	10.24	<0.02	<1	<0.1	3.8	<10	<2	30.4	22.47
2353358	Humus	0.20	4.6	0.8	0.07	0.13	<0.05	0.7	1.10	3.72	<0.02	<1	<0.1	1.2	<10	<2	30.0	31.24
2353359	Humus	0.13	5.4	1.0	0.10	0.12	<0.05	0.9	4.67	10.73	<0.02	<1	0.2	1.3	<10	<2	29.3	44.66
2353360	Humus	0.88	9.5	2.4	0.37	0.03	<0.05	1.0	5.08	16.29	<0.02	<1	0.6	5.4	<10	<2	30.7	10.17

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Project: Babine Lake Cu
Report Date: August 14, 2013

CERTIFICATE OF ANALYSIS SMI13000087.1

	Method	WGHT	SS60	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Wgt	Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.001	0.1	0.01	0.2	0.1	0.5	0.01	0.02	0.02	2
2353361	Humus	0.67	665	0.81	15.51	4.48	114.6	205	11.7	4.7	1529	1.226	1.4	0.25	<0.2	0.4	108.5	0.51	0.14	0.06	23
2353362	Humus	0.68	675	1.24	13.01	2.88	76.7	145	7.0	2.6	688	0.669	1.0	0.25	<0.2	0.1	183.6	0.30	0.10	0.03	11
2353363	Humus	0.99	990	0.74	14.45	4.16	143.9	110	8.4	4.7	815	1.358	1.5	0.20	<0.2	0.1	182.8	0.67	0.16	0.05	25
2353364	Humus	1.02	1020	0.75	14.45	4.25	143.2	122	8.0	4.6	780	1.360	1.5	0.20	<0.2	0.1	180.4	0.62	0.17	0.05	26
2353365	Rock Pulp	0.08		0.34	27.93	8.32	35.9	61	8.0	12.7	361	4.529	1.6	0.58	1.0	2.3	24.6	0.09	0.04	0.13	152
2353366	Humus	0.63	625	1.43	9.86	2.35	152.2	127	3.8	1.7	803	0.419	0.5	0.24	<0.2	<0.1	360.2	0.30	0.07	0.03	8
2353367	Humus	1.06	1055	0.70	19.39	5.12	149.9	127	8.5	4.9	704	1.505	2.4	0.18	0.4	0.3	122.7	0.47	0.22	0.07	30

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Project: Babine Lake Cu
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CERTIFICATE OF ANALYSIS SMI13000087.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.001	0.5	0.5	0.01	0.5	0.001	1	0.001	0.001	0.001	0.01	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
2353361	Humus	1.232	0.084	14.0	10.0	0.26	301.6	0.035	4	0.894	0.010	0.168	0.07	0.04	162	<0.1	<0.02	2.4	0.66	<0.1	0.03
2353362	Humus	1.734	0.100	12.9	6.2	0.23	198.1	0.014	7	0.545	0.006	0.119	0.06	0.03	168	<0.1	<0.02	1.3	0.42	<0.1	0.04
2353363	Humus	1.514	0.108	5.4	9.2	0.25	264.0	0.026	8	0.725	0.007	0.125	0.08	0.02	106	<0.1	0.02	2.4	0.47	<0.1	<0.02
2353364	Humus	1.492	0.102	5.5	9.1	0.25	258.6	0.025	10	0.728	0.007	0.126	0.06	0.03	103	<0.1	0.02	2.1	0.48	<0.1	<0.02
2353365	Rock Pulp	0.249	0.040	12.4	16.1	0.39	66.2	0.400	<1	5.369	0.053	0.020	0.11	0.16	42	<0.1	<0.02	10.8	1.10	<0.1	0.80
2353366	Humus	4.063	0.125	2.7	4.5	0.24	412.9	0.010	21	0.323	0.006	0.218	0.03	<0.02	167	<0.1	<0.02	0.9	0.25	<0.1	<0.02
2353367	Humus	1.541	0.127	6.8	12.2	0.36	172.0	0.035	7	0.781	0.010	0.312	0.08	0.03	64	<0.1	0.04	2.4	0.56	<0.1	0.02

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800 - 700 W. Pender St.
Vancouver BC V6C 1G8 CANADA

Project: Babine Lake Cu
Report Date: August 14, 2013

CERTIFICATE OF ANALYSIS SMI13000087.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	2A Leco
	Analyte	Nb	Rb	Sc	Sn	S	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Weight	TOT/C
	Unit	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	g	%
	MDL	0.02	0.1	0.1	0.02	0.01	0.05	0.1	0.01	0.01	0.02	1	0.1	0.1	10	2	0.1	0.02
2353361	Humus	0.68	11.9	2.4	0.24	0.07	<0.05	1.1	11.23	23.91	<0.02	<1	0.3	4.2	<10	<2	30.0	20.67
2353362	Humus	0.36	6.3	1.4	0.15	0.13	<0.05	1.2	10.86	22.49	<0.02	<1	0.1	2.1	<10	<2	29.0	33.98
2353363	Humus	0.57	5.6	1.7	0.25	0.08	<0.05	0.6	3.33	9.81	<0.02	<1	0.1	3.3	<10	<2	31.1	17.30
2353364	Humus	0.57	5.5	1.6	0.22	0.08	<0.05	0.4	3.19	10.55	<0.02	<1	0.4	4.2	<10	<2	30.7	15.45
2353365	Rock Pulp	0.52	2.6	13.3	1.03	0.01	<0.05	48.9	17.90	37.03	0.06	<1	0.9	6.6	<10	<2	29.2	0.97
2353366	Humus	0.27	5.1	0.6	0.06	0.12	<0.05	0.3	2.31	4.47	<0.02	<1	<0.1	1.3	<10	<2	29.3	34.01
2353367	Humus	0.54	12.4	2.2	0.13	0.09	<0.05	1.2	4.58	13.63	<0.02	<1	0.2	4.5	<10	<2	29.5	16.10

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Project: Babine Lake Cu
Report Date: August 14, 2013

QUALITY CONTROL REPORT SMI13000087.1

	Method	WGHT	SS60	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Wgt	Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.001	0.1	0.01	0.2	0.1	0.5	0.01	0.02	0.02	2
Pulp Duplicates																					
2353153	Humus	1.36	1360	0.92	16.10	10.30	166.6	691	4.9	3.2	1825	1.159	7.6	0.10	95.8	<0.1	40.5	1.20	0.37	0.11	24
REP 2353153	QC			0.95	15.50	9.77	172.7	689	4.7	3.2	1829	1.156	7.7	0.11	5.0	<0.1	39.1	1.29	0.38	0.11	24
2353164	Humus	0.61	605	1.69	9.90	2.95	89.6	235	2.9	1.1	1170	0.174	0.5	0.03	0.4	<0.1	59.3	1.13	0.06	0.04	3
REP 2353164	QC																				
2353178	Humus	0.81	810	0.74	9.26	3.50	43.1	458	1.8	5.5	2068	0.500	3.0	0.06	2.8	<0.1	81.9	0.84	0.12	0.04	5
REP 2353178	QC			0.66	9.51	3.10	41.2	414	2.0	4.8	2104	0.517	3.5	0.06	0.5	<0.1	78.4	0.80	0.13	0.05	5
2353185	Humus	0.83	830	3.05	46.50	12.07	210.1	187	16.1	24.8	8635	5.230	20.0	0.35	19.6	0.2	38.5	3.57	0.56	0.63	65
REP 2353185	QC			2.95	48.63	11.87	211.7	188	15.9	26.2	8775	5.205	20.4	0.35	24.7	0.2	40.4	3.67	0.61	0.64	63
2353200	Humus	0.93	925	0.87	27.11	5.40	117.7	1404	6.4	2.1	2618	0.437	2.4	0.16	1.3	<0.1	64.3	4.94	0.22	0.15	7
REP 2353200	QC																				
2353210	Humus	0.68	675	1.81	10.92	6.62	85.1	1095	2.7	2.7	1558	0.605	1.0	0.07	0.3	<0.1	53.0	0.87	0.18	0.07	14
REP 2353210	QC			1.78	11.07	7.01	81.6	1106	2.8	2.7	1632	0.592	1.6	0.06	<0.2	<0.1	52.9	0.77	0.19	0.07	14
2353217	Humus	1.10	1095	0.90	16.81	44.45	118.9	582	7.2	3.5	934	0.983	6.3	0.13	8.4	<0.1	76.5	1.03	0.73	0.11	19
REP 2353217	QC			0.87	15.71	43.10	112.7	559	5.7	3.3	916	0.987	5.9	0.12	10.8	<0.1	75.1	0.96	0.69	0.10	19
2353236	Humus	0.89	885	2.23	5.90	5.25	92.7	96	4.2	3.4	1678	0.921	0.7	0.13	<0.2	0.1	36.0	0.57	0.11	0.05	20
REP 2353236	QC																				
2353242	Humus	0.80	795	0.92	4.06	3.50	36.9	51	3.7	1.6	471	0.814	0.9	0.11	<0.2	0.1	21.9	0.14	0.12	0.04	20
REP 2353242	QC			0.96	3.85	3.61	40.2	50	4.1	1.7	501	0.804	1.2	0.12	2.3	0.1	22.1	0.10	0.13	0.04	20
2353248	Humus	0.74	740	0.88	12.07	5.84	98.2	78	6.2	3.4	342	1.000	2.5	0.20	1.2	0.1	137.8	0.20	0.31	0.10	20
REP 2353248	QC			0.78	12.59	5.70	107.0	67	7.1	3.6	352	1.038	2.9	0.20	0.5	0.1	131.7	0.24	0.28	0.05	21
2353272	Humus	1.07	1070	1.48	6.82	4.63	76.5	59	5.7	3.6	866	1.172	1.5	0.18	0.5	0.2	32.1	0.22	0.15	0.05	26
REP 2353272	QC																				
2353274	Humus	1.18	1180	0.59	11.97	4.59	119.8	77	8.5	5.6	1152	1.348	1.2	0.16	<0.2	0.3	77.5	0.68	0.17	0.06	29
REP 2353274	QC			0.69	12.53	4.56	115.5	76	8.7	5.1	1162	1.351	1.3	0.17	0.2	0.3	81.7	0.66	0.18	0.06	29
2353281	Rock Pulp	0.08		0.38	32.25	9.18	37.6	58	9.1	14.5	435	4.561	1.7	0.65	1.3	2.4	28.4	0.10	0.04	0.15	151
REP 2353281	QC			0.33	29.54	7.69	34.7	60	8.1	13.2	387	4.314	2.3	0.57	0.7	2.3	26.4	0.09	0.05	0.13	143
2353306	Humus	0.79	790	1.16	15.36	7.63	152.1	26	18.2	9.0	554	2.762	1.1	0.69	1.0	2.9	127.5	0.44	0.07	0.04	58
REP 2353306	QC			1.07	15.08	7.42	146.8	30	17.6	9.0	551	2.804	0.4	0.69	0.4	2.9	119.5	0.42	0.07	0.04	59

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Project: Babine Lake Cu
Report Date: August 14, 2013

QUALITY CONTROL REPORT SMI13000087.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.001	0.5	0.5	0.01	0.5	0.001	1	0.001	0.001	0.001	0.01	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Pulp Duplicates																					
2353153	Humus	0.917	0.108	3.4	6.6	0.21	163.1	0.014	4	0.877	0.009	0.092	0.09	0.12	139	<0.1	0.02	2.5	0.88	<0.1	<0.02
REP 2353153	QC	0.900	0.110	3.4	6.8	0.21	169.0	0.014	6	0.864	0.008	0.092	0.10	0.12	153	0.3	<0.02	2.7	0.89	<0.1	<0.02
2353164	Humus	1.143	0.106	1.6	1.9	0.11	368.6	0.006	7	0.294	0.005	0.199	0.13	0.16	312	0.1	<0.02	0.6	0.69	<0.1	<0.02
REP 2353164	QC																				
2353178	Humus	1.182	0.088	3.0	2.2	0.12	145.4	0.004	2	0.247	0.005	0.061	0.03	0.04	149	<0.1	0.02	0.8	0.22	<0.1	<0.02
REP 2353178	QC	1.169	0.075	2.8	2.5	0.12	138.3	0.004	<1	0.243	0.005	0.061	0.04	0.04	127	0.2	0.04	0.7	0.22	<0.1	<0.02
2353185	Humus	0.827	0.096	14.2	23.6	0.47	257.9	0.012	2	2.076	0.013	0.088	0.05	0.38	125	0.1	0.33	4.7	3.66	<0.1	<0.02
REP 2353185	QC	0.843	0.096	13.9	23.7	0.49	248.8	0.012	4	2.065	0.013	0.087	0.06	0.38	141	0.3	0.37	4.8	3.74	0.1	<0.02
2353200	Humus	1.910	0.086	11.9	3.9	0.13	330.5	0.004	7	0.456	0.003	0.083	0.05	0.11	286	<0.1	0.09	1.1	1.14	<0.1	<0.02
REP 2353200	QC																				
2353210	Humus	1.043	0.071	3.2	4.9	0.14	208.1	0.010	4	0.418	0.004	0.075	0.07	0.09	170	0.3	0.04	1.7	0.75	<0.1	<0.02
REP 2353210	QC	1.076	0.072	3.2	4.7	0.14	206.8	0.010	3	0.408	0.004	0.076	0.06	0.08	193	0.1	0.04	1.7	0.73	<0.1	<0.02
2353217	Humus	1.446	0.065	4.3	6.9	0.25	292.3	0.017	5	0.528	0.008	0.068	0.24	0.10	191	0.2	0.05	1.8	1.16	<0.1	<0.02
REP 2353217	QC	1.435	0.061	4.2	6.4	0.24	282.5	0.016	5	0.480	0.008	0.068	0.19	0.10	183	<0.1	0.05	1.5	1.06	<0.1	<0.02
2353236	Humus	0.607	0.087	4.2	6.8	0.12	145.0	0.031	2	0.526	0.007	0.108	0.04	0.02	119	0.3	0.03	2.0	0.39	<0.1	<0.02
REP 2353236	QC																				
2353242	Humus	0.358	0.049	3.5	7.2	0.10	41.9	0.034	4	0.386	0.011	0.168	0.04	<0.02	68	0.1	<0.02	1.5	0.21	<0.1	<0.02
REP 2353242	QC	0.382	0.049	3.6	7.3	0.10	45.1	0.034	4	0.371	0.011	0.168	0.05	<0.02	65	0.1	<0.02	1.5	0.21	<0.1	<0.02
2353248	Humus	1.289	0.095	4.7	8.3	0.24	142.0	0.019	9	0.461	0.011	0.164	0.08	0.03	140	<0.1	0.02	1.4	0.29	<0.1	0.02
REP 2353248	QC	1.265	0.084	4.8	7.7	0.24	133.5	0.020	9	0.456	0.011	0.165	0.09	0.03	131	0.3	0.03	1.4	0.29	<0.1	0.03
2353272	Humus	0.428	0.054	5.6	9.3	0.17	110.7	0.038	3	0.643	0.007	0.086	0.05	0.03	67	<0.1	<0.02	2.1	0.49	<0.1	<0.02
REP 2353272	QC																				
2353274	Humus	0.844	0.055	6.2	9.9	0.23	166.7	0.042	2	0.749	0.007	0.103	0.07	0.03	30	<0.1	0.03	2.8	0.60	<0.1	<0.02
REP 2353274	QC	0.863	0.053	6.2	10.4	0.22	176.5	0.041	3	0.738	0.007	0.103	0.08	0.03	31	0.3	0.03	2.7	0.61	<0.1	<0.02
2353281	Rock Pulp	0.289	0.052	13.5	18.6	0.43	69.4	0.442	<1	5.192	0.061	0.020	0.14	0.15	45	0.2	0.04	11.8	1.14	0.1	0.77
REP 2353281	QC	0.289	0.046	12.0	16.6	0.38	63.2	0.406	<1	4.912	0.057	0.019	0.12	0.13	47	0.3	0.06	11.0	1.07	0.1	0.70
2353306	Humus	1.733	0.099	24.0	43.7	0.71	325.9	0.136	5	2.137	0.012	0.339	<0.01	0.02	58	0.3	0.04	5.8	2.56	<0.1	0.80
REP 2353306	QC	1.722	0.095	22.8	42.0	0.73	311.3	0.137	6	2.188	0.012	0.346	0.01	<0.02	66	0.1	<0.02	5.6	2.48	<0.1	0.82

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Project: Babine Lake Cu
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QUALITY CONTROL REPORT SMI13000087.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	2A Leco
	Analyte	Nb	Rb	Sc	Sn	S	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Weight	TOT/C
	Unit	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	g	%
	MDL	0.02	0.1	0.1	0.02	0.01	0.05	0.1	0.01	0.01	0.02	1	0.1	0.1	10	2	0.1	0.02
Pulp Duplicates																		
2353153	Humus	0.29	8.5	1.5	0.18	0.07	<0.05	0.2	3.10	6.43	0.05	1	0.2	4.8	<10	<2	29.0	29.20
REP 2353153	QC	0.31	8.0	1.5	0.17	0.07	<0.05	0.1	2.97	6.56	0.05	4	0.2	4.0	<10	<2	28.5	
2353164	Humus	0.12	7.0	0.7	0.03	0.13	<0.05	0.3	0.90	1.57	<0.02	1	<0.1	0.3	<10	<2	29.9	48.30
REP 2353164	QC																	46.90
2353178	Humus	0.08	2.5	0.4	<0.02	0.10	<0.05	<0.1	3.14	4.34	<0.02	2	<0.1	0.4	<10	<2	29.4	47.60
REP 2353178	QC	0.10	2.8	0.4	<0.02	0.11	<0.05	<0.1	3.00	4.26	<0.02	<1	0.1	0.4	<10	<2	29.2	
2353185	Humus	0.25	10.1	5.3	0.33	0.09	<0.05	0.3	18.62	30.42	0.06	1	0.4	9.4	<10	<2	28.9	15.80
REP 2353185	QC	0.26	10.4	4.9	0.27	0.09	<0.05	0.2	19.71	30.96	0.06	2	0.6	10.0	<10	<2	29.5	
2353200	Humus	0.11	4.8	1.1	0.06	0.13	<0.05	0.5	13.45	7.81	<0.02	<1	0.2	1.5	<10	<2	29.5	47.83
REP 2353200	QC																	47.90
2353210	Humus	0.25	5.8	0.7	0.08	0.08	<0.05	<0.1	2.55	5.53	<0.02	<1	0.2	2.1	<10	<2	28.7	38.99
REP 2353210	QC	0.25	5.5	0.6	0.09	0.08	<0.05	<0.1	2.60	5.61	<0.02	<1	0.2	1.9	<10	<2	30.2	
2353217	Humus	0.32	6.2	1.6	0.18	0.11	<0.05	0.5	5.42	6.75	<0.02	<1	<0.1	2.8	<10	<2	30.3	32.90
REP 2353217	QC	0.27	5.6	1.6	0.13	0.11	<0.05	0.5	4.82	6.03	<0.02	<1	<0.1	3.1	<10	<2	29.7	
2353236	Humus	0.51	4.6	1.0	0.24	0.05	<0.05	0.3	1.72	7.78	<0.02	<1	<0.1	2.9	<10	<2	28.7	20.75
REP 2353236	QC																	21.78
2353242	Humus	0.46	3.5	1.1	0.17	0.03	<0.05	0.7	1.40	6.55	<0.02	<1	<0.1	1.8	<10	<2	29.8	18.59
REP 2353242	QC	0.46	3.5	1.0	0.19	0.03	<0.05	0.6	1.38	6.65	<0.02	<1	<0.1	1.9	<10	<2	30.0	
2353248	Humus	0.35	3.8	1.4	0.26	0.11	<0.05	1.5	3.83	9.78	<0.02	<1	0.2	2.8	<10	<2	29.4	32.56
REP 2353248	QC	0.40	3.8	1.5	0.15	0.10	<0.05	1.9	3.68	9.74	<0.02	<1	0.1	3.0	<10	<2	30.8	
2353272	Humus	0.53	5.5	1.5	0.21	0.03	<0.05	0.7	2.54	11.62	<0.02	<1	0.2	3.6	<10	<2	30.5	13.31
REP 2353272	QC																	14.24
2353274	Humus	0.67	11.8	1.7	0.23	0.04	<0.05	0.6	2.63	12.27	<0.02	<1	0.2	4.6	<10	<2	29.3	9.28
REP 2353274	QC	0.66	11.6	1.6	0.28	0.04	<0.05	0.5	2.83	12.28	<0.02	<1	0.3	4.5	<10	<2	29.3	
2353281	Rock Pulp	0.67	2.8	13.7	1.12	0.01	<0.05	53.1	18.35	41.24	0.05	1	0.7	7.1	34	3	29.8	0.93
REP 2353281	QC	0.48	2.6	13.1	1.15	0.01	<0.05	47.5	16.86	39.20	0.05	2	0.3	5.5	<10	2	29.0	
2353306	Humus	1.32	32.8	7.2	0.67	0.04	<0.05	39.1	10.84	47.40	0.03	<1	0.3	10.4	20	2	30.3	15.29
REP 2353306	QC	1.14	32.9	7.5	0.66	0.04	<0.05	36.3	10.83	42.74	0.03	<1	0.4	9.8	29	<2	30.3	

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Client: **Anglo American Exploration (Canada) Ltd.**
800 - 700 W. Pender St.
Vancouver BC V6C 1G8 CANADA

Project: Babine Lake Cu
Report Date: August 14, 2013

QUALITY CONTROL REPORT SMI13000087.1

		WGHT Wgt kg 0.01	SS60 Wt g 0	1F30 Mo ppm 0.01	1F30 Cu ppm 0.01	1F30 Pb ppm 0.01	1F30 Zn ppm 0.1	1F30 Ag ppb 2	1F30 Ni ppm 0.1	1F30 Co ppm 0.1	1F30 Mn ppm 1	1F30 Fe % 0.001	1F30 As ppm 0.1	1F30 U ppm 0.01	1F30 Au ppb 0.2	1F30 Th ppm 0.1	1F30 Sr ppm 0.5	1F30 Cd ppm 0.01	1F30 Sb ppm 0.02	1F30 Bi ppm 0.02	1F30 V ppm 2
2353308	Humus	0.67	665	5.20	8.47	4.97	83.7	103	4.9	3.2	601	0.902	0.4	0.21	0.4	0.3	46.9	0.42	0.09	0.02	19
REP 2353308	QC																				
2353313	Humus	0.76	760	1.84	7.72	5.52	146.5	113	5.6	3.9	1189	1.030	1.2	0.17	0.9	<0.1	113.8	0.79	0.14	0.05	23
REP 2353313	QC			1.91	8.14	5.38	168.1	125	5.8	3.9	1267	0.976	1.1	0.17	<0.2	<0.1	117.9	0.81	0.14	0.05	21
2353338	Humus	0.43	425	2.74	6.72	3.76	113.6	43	3.2	1.6	990	0.480	0.5	0.10	0.5	<0.1	55.7	0.36	0.05	0.03	8
REP 2353338	QC			2.85	6.91	3.84	107.1	43	3.0	1.3	997	0.481	0.5	0.11	1.0	<0.1	57.0	0.40	0.05	0.02	8
2353344	Humus	0.54	535	2.14	13.62	3.23	87.3	217	7.8	1.9	978	0.533	1.9	0.50	0.5	0.3	162.9	0.50	0.21	0.07	9
REP 2353344	QC																				
2353345	Humus	0.66	655	5.04	9.64	4.57	31.5	59	4.9	4.0	771	0.849	1.2	0.16	0.6	0.2	82.8	0.33	0.15	0.06	16
REP 2353345	QC			5.10	9.47	4.64	31.8	50	5.9	4.2	775	0.824	1.2	0.15	<0.2	0.3	83.6	0.32	0.13	0.06	16
2353367	Humus	1.06	1055	0.70	19.39	5.12	149.9	127	8.5	4.9	704	1.505	2.4	0.18	0.4	0.3	122.7	0.47	0.22	0.07	30
REP 2353367	QC			0.85	20.51	5.25	154.7	144	9.2	5.3	707	1.523	2.7	0.19	0.6	0.3	131.9	0.50	0.25	0.07	30
Reference Materials																					
STD DS9	Standard			11.43	102.8	112.9	307.9	1712	36.5	6.7	536	2.307	23.9	2.48	108.6	5.6	63.4	2.29	5.09	5.94	39
STD DS9	Standard			12.46	105.2	124.4	279.3	1714	38.8	7.6	541	2.389	23.4	2.51	113.8	5.7	63.3	2.13	4.96	5.58	40
STD DS9	Standard			13.33	104.8	121.4	315.3	1779	38.9	7.2	592	2.345	25.0	2.61	144.2	6.1	67.0	2.25	5.30	6.18	40
STD DS9	Standard			12.14	102.3	115.3	277.1	1635	38.6	7.4	555	2.280	23.5	2.44	106.5	5.5	62.6	2.16	5.02	5.74	39
STD DS9	Standard			13.17	100.00	129.7	309.4	1773	38.5	7.2	604	2.282	25.0	2.75	113.6	6.9	76.9	2.23	5.56	6.29	41
STD DS9	Standard			13.28	109.4	127.8	292.7	1718	41.0	7.5	587	2.322	23.9	2.86	112.5	6.9	77.3	2.27	5.28	6.38	39
STD DS9	Standard			13.60	107.3	122.0	328.8	1884	41.2	7.2	548	2.410	25.2	2.76	125.2	6.5	71.1	2.46	5.12	6.68	40
STD GS311-1	Standard																				
STD GS311-1	Standard																				
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STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				

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800 - 700 W. Pender St.
Vancouver BC V6C 1G8 CANADA

Project: Babine Lake Cu
Report Date: August 14, 2013

QUALITY CONTROL REPORT SMI13000087.1

		1F30 Ca % 0.001	1F30 P % 0.001	1F30 La ppm 0.5	1F30 Cr ppm 0.5	1F30 Mg % 0.01	1F30 Ba ppm 0.5	1F30 Ti % 0.001	1F30 B ppm 1	1F30 Al % 0.001	1F30 Na % 0.001	1F30 K % 0.001	1F30 W ppm 0.01	1F30 Tl ppm 0.02	1F30 Hg ppb 5	1F30 Se ppm 0.1	1F30 Te ppm 0.02	1F30 Ga ppm 0.1	1F30 Cs ppm 0.02	1F30 Ge ppm 0.1	1F30 Hf ppm 0.02
2353308	Humus	0.794	0.066	4.4	11.1	0.21	111.6	0.041	5	0.532	0.009	0.164	0.05	<0.02	118	0.3	0.02	1.8	0.45	<0.1	0.09
REP 2353308	QC																				
2353313	Humus	1.434	0.125	5.4	8.4	0.15	387.3	0.023	6	0.534	0.008	0.231	0.04	0.03	93	<0.1	<0.02	2.3	0.44	<0.1	<0.02
REP 2353313	QC	1.564	0.127	5.1	7.6	0.16	406.9	0.021	6	0.525	0.007	0.239	0.06	0.03	82	<0.1	<0.02	2.1	0.42	<0.1	<0.02
2353338	Humus	0.832	0.133	2.0	3.4	0.11	142.5	0.016	8	0.361	0.003	0.183	0.05	0.03	186	<0.1	<0.02	1.2	0.36	<0.1	<0.02
REP 2353338	QC	0.859	0.136	2.1	3.2	0.11	142.7	0.016	6	0.358	0.003	0.186	0.04	0.03	242	0.3	<0.02	1.1	0.36	<0.1	0.03
2353344	Humus	2.231	0.117	15.9	4.2	0.24	269.5	0.006	13	0.364	0.009	0.265	0.06	0.07	219	0.2	0.02	1.0	0.43	<0.1	0.09
REP 2353344	QC																				
2353345	Humus	1.043	0.075	4.2	7.2	0.20	121.5	0.023	2	0.447	0.007	0.111	0.08	0.03	104	0.3	<0.02	1.4	0.45	<0.1	0.05
REP 2353345	QC	1.068	0.083	4.4	7.3	0.20	126.4	0.023	3	0.428	0.006	0.112	0.05	0.03	95	0.2	0.02	1.3	0.45	<0.1	0.05
2353367	Humus	1.541	0.127	6.8	12.2	0.36	172.0	0.035	7	0.781	0.010	0.312	0.08	0.03	64	<0.1	0.04	2.4	0.56	<0.1	0.02
REP 2353367	QC	1.547	0.127	7.1	12.8	0.37	177.8	0.036	13	0.788	0.010	0.317	0.10	0.03	70	0.2	<0.02	2.3	0.56	<0.1	0.04
Reference Materials																					
STD DS9	Standard	0.684	0.080	11.3	106.0	0.61	279.0	0.098	4	0.837	0.080	0.439	2.54	4.91	190	4.9	4.86	4.3	2.21	<0.1	0.04
STD DS9	Standard	0.723	0.081	13.2	111.4	0.62	275.5	0.106	2	0.977	0.092	0.413	3.15	5.15	186	4.9	4.96	4.3	2.20	0.1	0.06
STD DS9	Standard	0.747	0.075	14.3	114.5	0.63	274.9	0.117	3	0.966	0.088	0.406	2.97	5.25	211	4.8	5.11	4.5	2.40	<0.1	0.05
STD DS9	Standard	0.709	0.075	12.5	108.4	0.61	265.3	0.108	1	0.933	0.084	0.392	2.81	4.85	206	4.6	4.70	4.1	2.14	<0.1	0.07
STD DS9	Standard	0.765	0.082	16.4	115.5	0.62	314.4	0.121	4	0.991	0.094	0.395	3.07	5.32	201	5.4	5.12	4.9	2.40	0.2	0.09
STD DS9	Standard	0.765	0.078	16.7	118.7	0.62	299.0	0.122	2	0.980	0.093	0.400	2.80	4.98	190	5.0	5.14	4.4	2.42	<0.1	0.08
STD DS9	Standard	0.755	0.077	14.5	118.5	0.63	306.9	0.118	3	0.980	0.088	0.399	3.23	5.49	213	6.3	5.41	4.8	2.46	0.2	0.10
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
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STD GS910-4	Standard																				
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800 - 700 W. Pender St.
Vancouver BC V6C 1G8 CANADA

Project: Babine Lake Cu
Report Date: August 14, 2013

QUALITY CONTROL REPORT SMI13000087.1

		1F30 Nb ppm 0.02	1F30 Rb ppm 0.1	1F30 Sc ppm 0.1	1F30 Sn ppm 0.02	1F30 S % 0.01	1F30 Ta ppm 0.05	1F30 Zr ppm 0.1	1F30 Y ppm 0.01	1F30 Ce ppm 0.01	1F30 In ppm 0.02	1F30 Re ppb 1	1F30 Be ppm 0.1	1F30 Li ppm 0.1	1F30 Pd ppb 10	1F30 Pt ppb 2	1F30 Weight g 0.1	2A Leco TOT/C % 0.02
2353308	Humus	0.63	7.0	1.5	0.23	0.07	<0.05	3.2	2.11	9.69	<0.02	<1	0.2	3.9	<10	<2	29.8	32.09
REP 2353308	QC																	31.87
2353313	Humus	0.55	8.7	0.7	0.32	0.07	<0.05	0.3	1.95	10.38	<0.02	2	<0.1	2.2	<10	<2	30.3	20.16
REP 2353313	QC	0.49	8.9	0.7	0.31	0.08	<0.05	0.3	1.94	8.79	<0.02	<1	0.1	2.1	<10	<2	30.2	
2353338	Humus	0.48	6.2	0.6	0.11	0.13	<0.05	1.1	0.96	3.70	<0.02	1	0.2	1.0	<10	<2	28.6	49.44
REP 2353338	QC	0.47	6.4	0.4	0.09	0.13	<0.05	1.2	0.94	3.68	<0.02	<1	<0.1	1.2	<10	<2	29.1	
2353344	Humus	0.20	6.4	1.3	0.21	0.14	<0.05	2.6	17.90	19.40	<0.02	<1	0.3	1.4	<10	<2	29.2	38.61
REP 2353344	QC																	38.85
2353345	Humus	0.31	5.2	1.4	0.18	0.09	<0.05	2.1	2.47	9.21	<0.02	<1	0.3	2.3	<10	<2	28.5	25.53
REP 2353345	QC	0.31	4.9	1.5	0.17	0.10	<0.05	2.0	2.32	9.51	<0.02	<1	0.3	2.2	<10	<2	29.6	
2353367	Humus	0.54	12.4	2.2	0.13	0.09	<0.05	1.2	4.58	13.63	<0.02	<1	0.2	4.5	<10	<2	29.5	16.10
REP 2353367	QC	0.54	12.8	2.2	0.21	0.09	<0.05	1.3	4.69	13.69	<0.02	<1	0.2	4.7	<10	<2	30.8	
Reference Materials																		
STD DS9	Standard	1.35	32.4	2.0	6.22	0.16	<0.05	1.6	5.29	20.54	2.13	59	6.1	23.7	99	330	30.9	
STD DS9	Standard	1.48	31.4	2.2	6.43	0.17	<0.05	1.7	5.74	23.08	2.08	60	5.1	24.3	108	330	30.6	
STD DS9	Standard	1.45	33.3	2.5	6.54	0.17	<0.05	1.7	6.15	24.86	2.23	74	5.3	26.3	102	364	30.3	
STD DS9	Standard	1.39	31.2	2.1	6.04	0.17	<0.05	1.8	5.58	21.59	1.97	44	4.9	25.9	109	328	29.9	
STD DS9	Standard	1.65	35.6	2.9	6.36	0.16	<0.05	2.1	7.24	28.64	2.18	54	5.2	26.7	99	363	31.2	
STD DS9	Standard	1.62	31.4	2.6	6.42	0.16	<0.05	2.0	6.63	29.44	2.02	51	5.5	23.4	114	323	29.2	
STD DS9	Standard	1.34	36.1	2.5	7.28	0.17	<0.05	2.2	6.43	24.39	2.20	68	6.2	26.8	117	355	29.6	
STD GS311-1	Standard																	1.03
STD GS311-1	Standard																	1.02
STD GS311-1	Standard																	0.98
STD GS311-1	Standard																	0.97
STD GS311-1	Standard																	0.99
STD GS311-1	Standard																	1.00
STD GS311-1	Standard																	0.99
STD GS910-4	Standard																	2.75
STD GS910-4	Standard																	2.76

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Client: **Anglo American Exploration (Canada) Ltd.**
800 - 700 W. Pender St.
Vancouver BC V6C 1G8 CANADA

Project: Babine Lake Cu
Report Date: August 14, 2013

QUALITY CONTROL REPORT SMI13000087.1

		WGHT	SS60	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Wgt	Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.001	0.1	0.01	0.2	0.1	0.5	0.01	0.02	0.02	2
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD DS9 Expected				12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank			<0.01	<0.01	<0.01	<0.1	5	<0.1	<0.1	<1	<0.001	0.3	<0.01	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank			<0.01	<0.01	<0.01	<0.1	10	<0.1	<0.1	1	<0.001	<0.1	<0.01	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank			<0.01	<0.01	<0.01	<0.1	3	<0.1	<0.1	<1	<0.001	<0.1	<0.01	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank			<0.01	0.04	<0.01	<0.1	3	<0.1	<0.1	<1	<0.001	0.4	<0.01	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank			<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.001	0.2	<0.01	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank			<0.01	<0.01	0.02	<0.1	9	<0.1	<0.1	<1	<0.001	0.2	<0.01	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank			<0.01	<0.01	<0.01	<0.1	7	<0.1	<0.1	<1	<0.001	<0.1	<0.01	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2

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Project: Babine Lake Cu
Report Date: August 14, 2013

QUALITY CONTROL REPORT SMI13000087.1

		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	Cs	Ge	Hf
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.001	0.5	0.5	0.01	0.5	0.001	1	0.001	0.001	0.001	0.01	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD DS9 Expected		0.7201	0.0819	13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	5.3	200	5.2	5.02	4.59	2.37	0.1	0.08
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.001	<0.001	<0.001	<0.01	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.001	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.001	<0.001	<0.001	<0.01	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.001	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.001	<0.001	<0.001	<0.01	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	0.002	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.001	<0.001	<0.001	<0.01	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.001	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.001	<0.001	<0.001	<0.01	<0.02	<5	<0.1	<0.02	0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.001	<0.001	<0.5	0.5	<0.01	<0.5	<0.001	<1	<0.001	<0.001	<0.001	<0.01	<0.02	6	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.001	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.001	<0.001	<0.001	<0.01	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

Client: **Anglo American Exploration (Canada) Ltd.**
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Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Project: Babine Lake Cu
Report Date: August 14, 2013

QUALITY CONTROL REPORT SMI13000087.1

		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	2A Leco
		Nb	Rb	Sc	Sn	S	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Weight	TOT/C
		ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	g	%
		0.02	0.1	0.1	0.02	0.01	0.05	0.1	0.01	0.01	0.02	1	0.1	0.1	10	2	0.1	0.02
STD GS910-4	Standard																	2.61
STD GS910-4	Standard																	2.53
STD GS910-4	Standard																	2.58
STD GS910-4	Standard																	2.57
STD GS910-4	Standard																	2.62
STD GS311-1 Expected																		1.02
STD GS910-4 Expected																		2.65
STD DS9 Expected		1.33	33.8	2.5	6.4	0.1615	0.004	2	5.97	25.4	2.2	61	5.4	25.2	120	350		
BLK	Blank																	<0.02
BLK	Blank																	<0.02
BLK	Blank																	<0.02
BLK	Blank																	<0.02
BLK	Blank																	<0.02
BLK	Blank																	<0.02
BLK	Blank																	<0.02
BLK	Blank	<0.02	<0.1	<0.1	<0.02	<0.01	<0.05	<0.1	<0.01	<0.01	<0.02	<1	<0.1	<0.1	<10	<2	30.0	
BLK	Blank	<0.02	<0.1	<0.1	<0.02	<0.01	<0.05	<0.1	<0.01	0.02	<0.02	<1	<0.1	<0.1	<10	<2	30.0	
BLK	Blank	<0.02	<0.1	<0.1	<0.02	<0.01	<0.05	<0.1	<0.01	<0.01	<0.02	<1	<0.1	<0.1	<10	<2	30.0	
BLK	Blank	<0.02	<0.1	<0.1	<0.02	<0.01	<0.05	<0.1	<0.01	<0.01	<0.02	<1	<0.1	<0.1	<10	<2	30.0	
BLK	Blank	<0.02	<0.1	<0.1	<0.02	<0.01	<0.05	<0.1	<0.01	<0.01	<0.02	<1	<0.1	<0.1	<10	<2	30.0	
BLK	Blank	<0.02	<0.1	<0.1	<0.02	<0.01	<0.05	<0.1	<0.01	<0.01	<0.02	<1	<0.1	<0.1	<10	<2	30.0	
BLK	Blank	<0.02	<0.1	<0.1	<0.02	<0.01	<0.05	<0.1	<0.01	<0.01	<0.02	<1	<0.1	<0.1	<10	<2	30.0	

Appendix C

Rock Sample Location and Elemental Plots

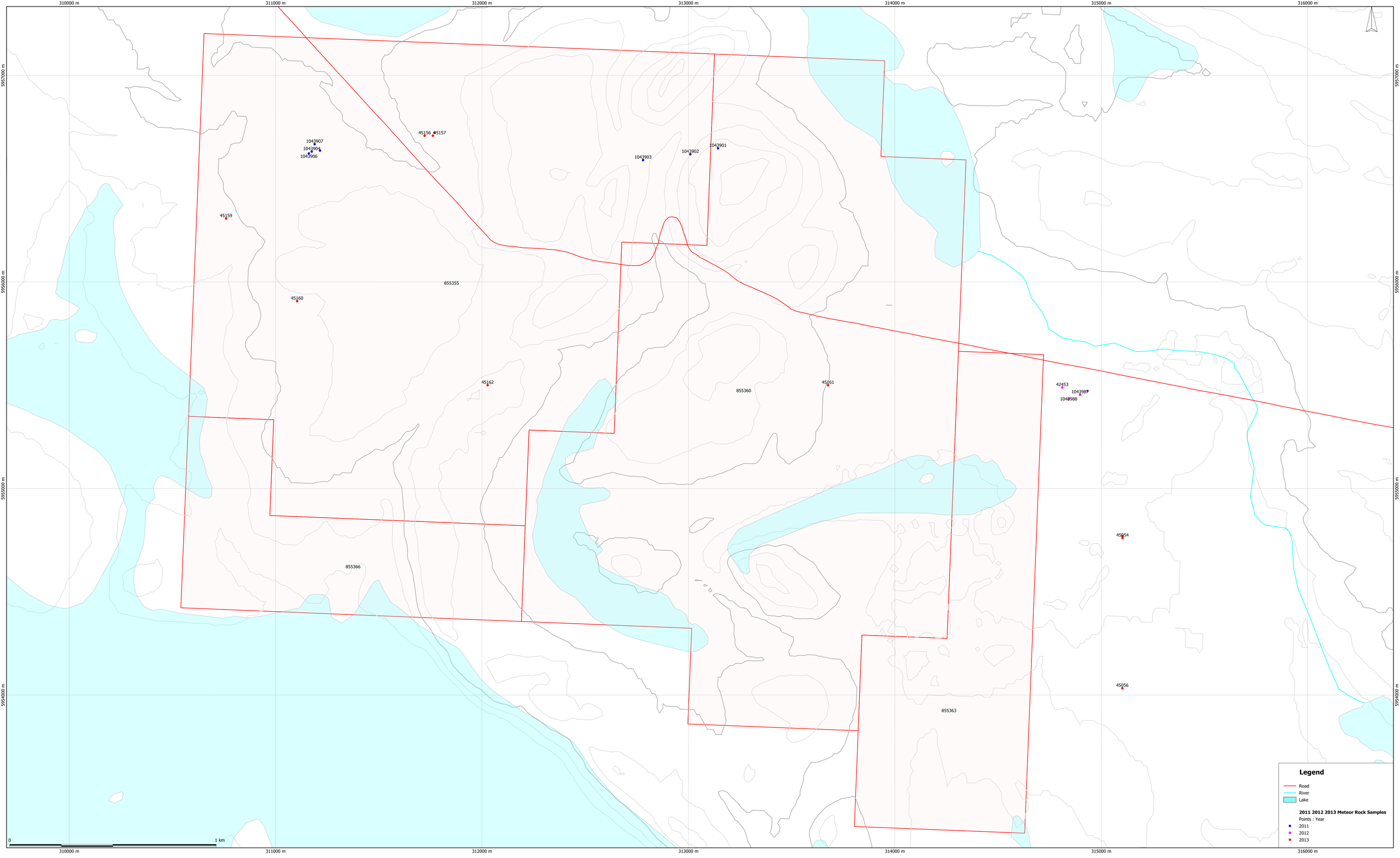

Figure 13
Meteor Property
Rock Samples Map
1:7500

Universal Transverse Mercator - Zone 10 (N)
Drawn by: John Grabavac
Printed at: 28/10/2013

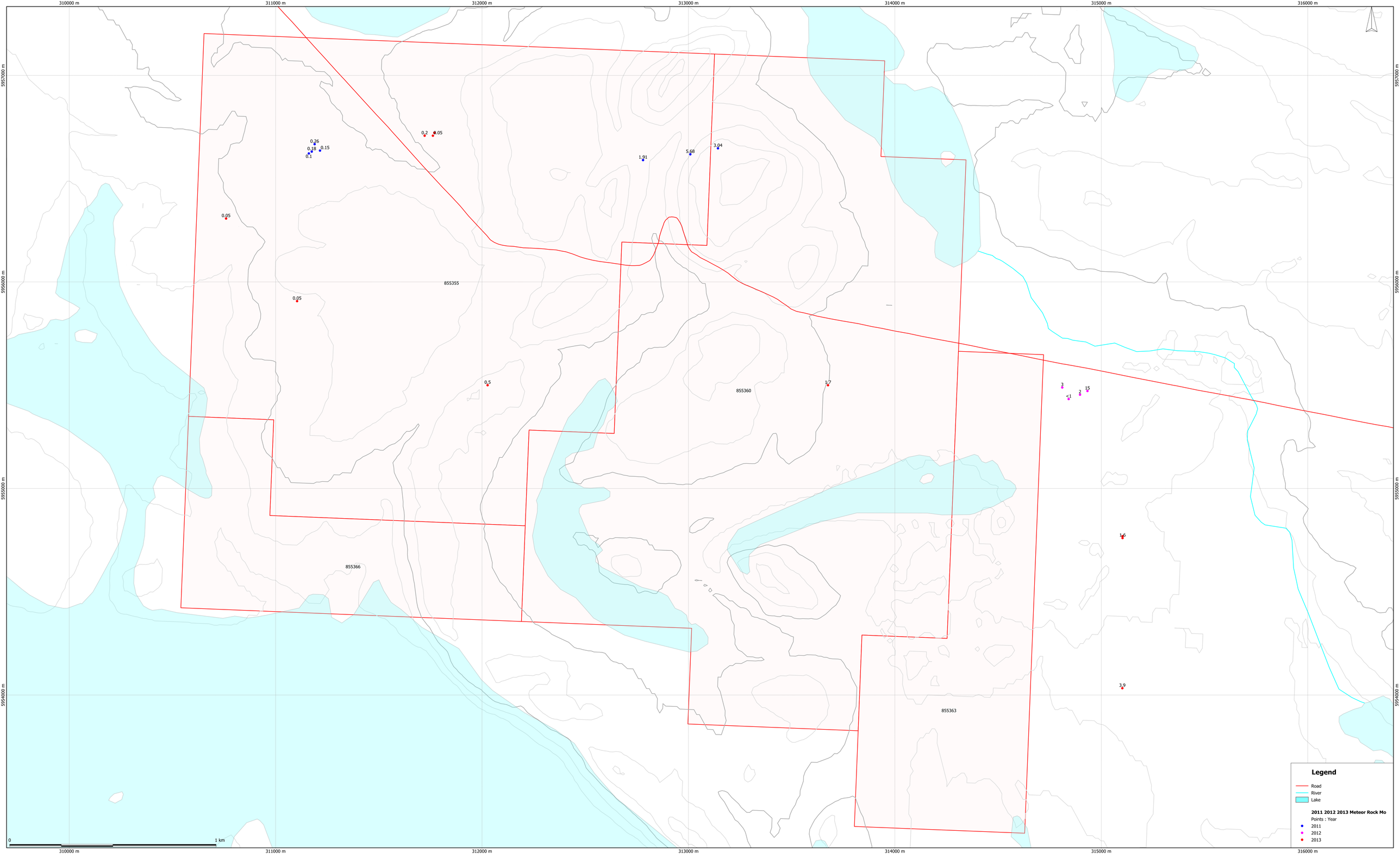

Figure 14
Meteor Property
Rock Mo Map
1:7500

Universal Transverse Mercator - Zone 10 (N)
Drawn by: John Grabavac
Printed at: 28/10/2013

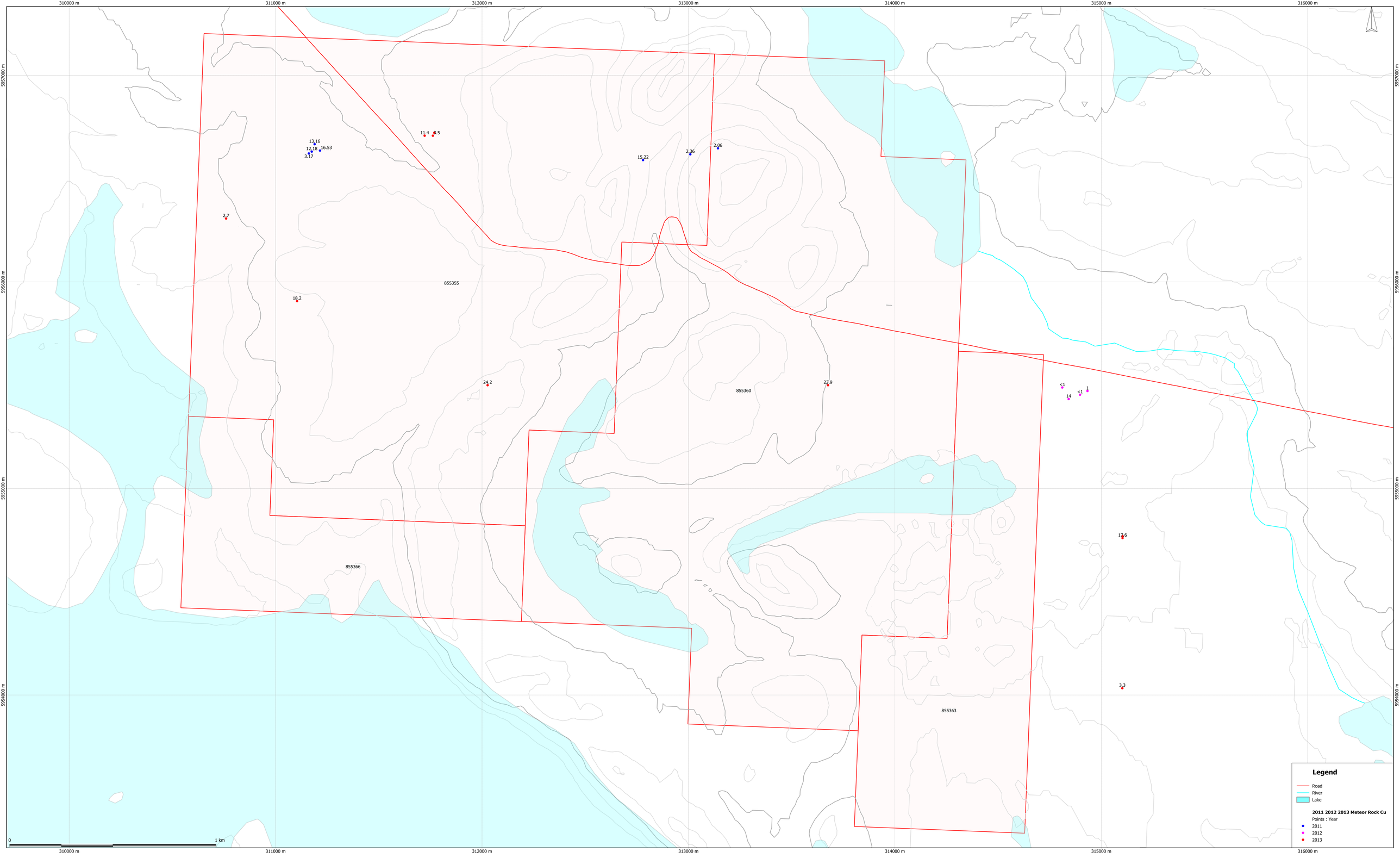

Figure 15
Meteor Property
Rock Cu Map
1:7500

Universal Transverse Mercator - Zone 10 (N)
Drawn by: John Grabavac
Printed at: 28/10/2013

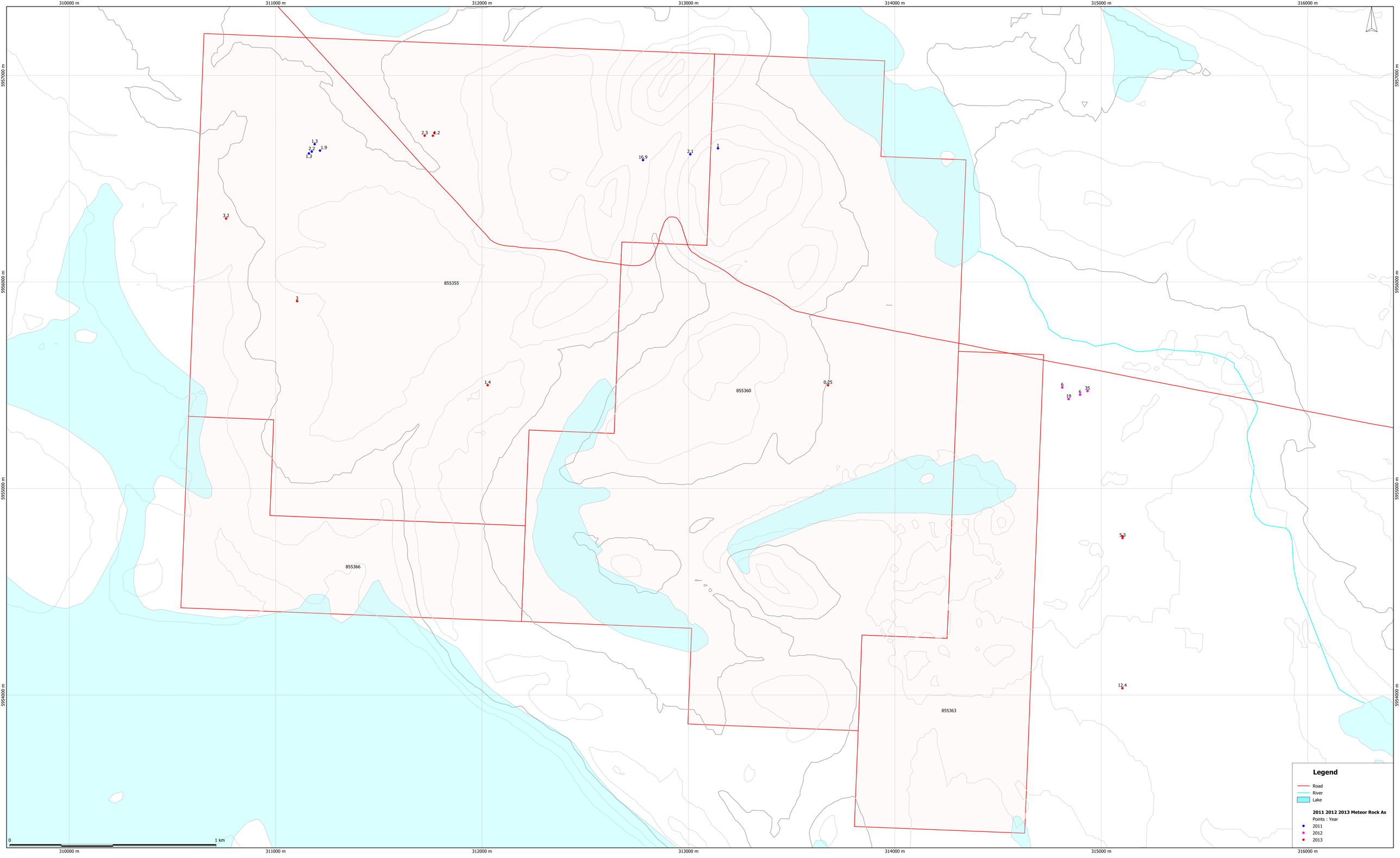

Figure 16
Meteor Property
Rock As Map
1:7500

Universal Transverse Mercator - Zone 10 (N)
Drawn by: John Grabavac
Printed at: 28/10/2013

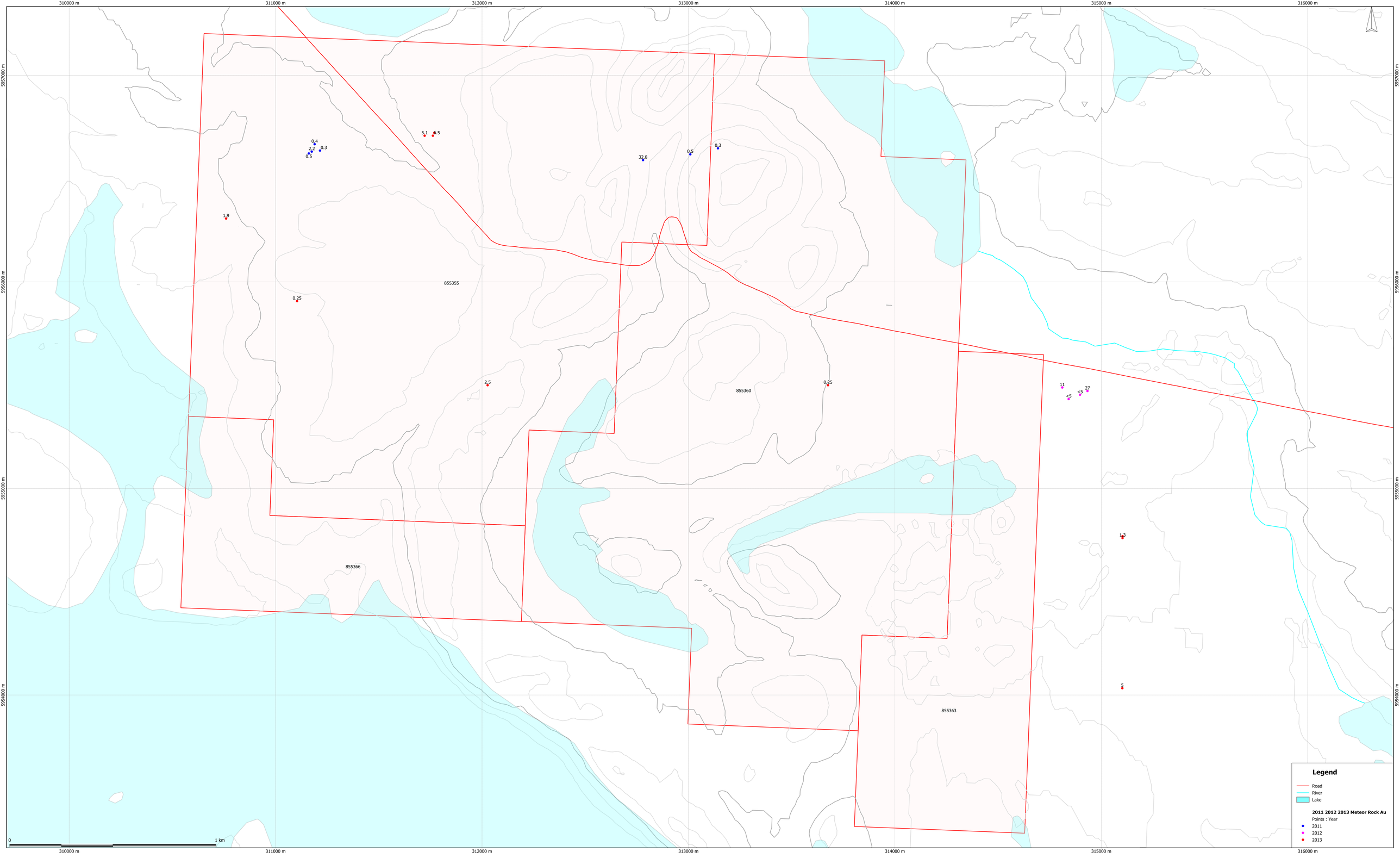

Figure 17
Meteor Property
Rock Au Map
1:7500

Universal Transverse Mercator - Zone 10 (N)
Drawn by: John Grabavac
Printed at: 28/10/2013

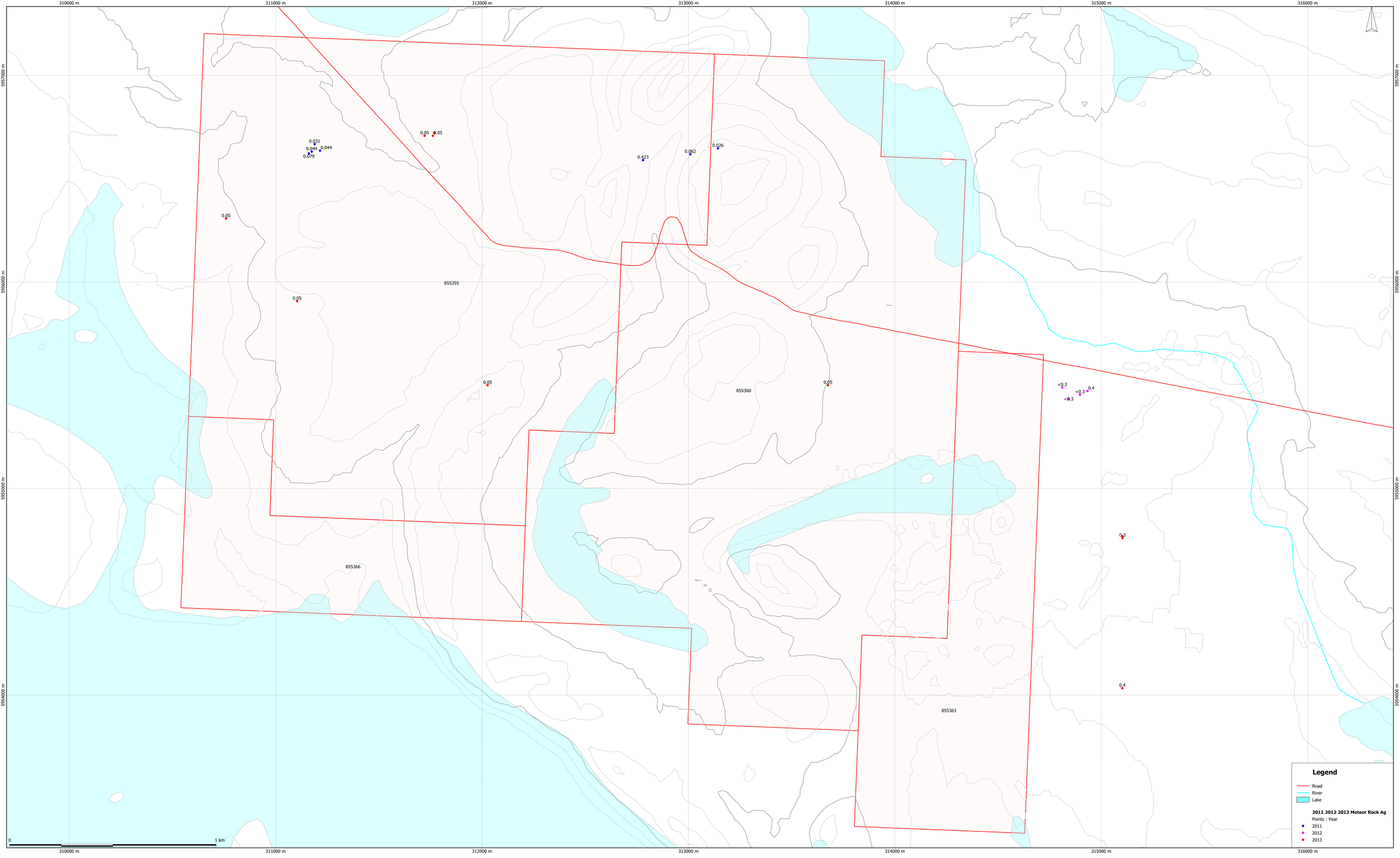

Figure 18
Meteor Property
Rock Ag Map
1:7500

Universal Transverse Mercator - Zone 10 (N)
Drawn by: John Grabavac
Printed at: 28/10/2013

Appendix D

Humus Sample Location and Elemental Plots

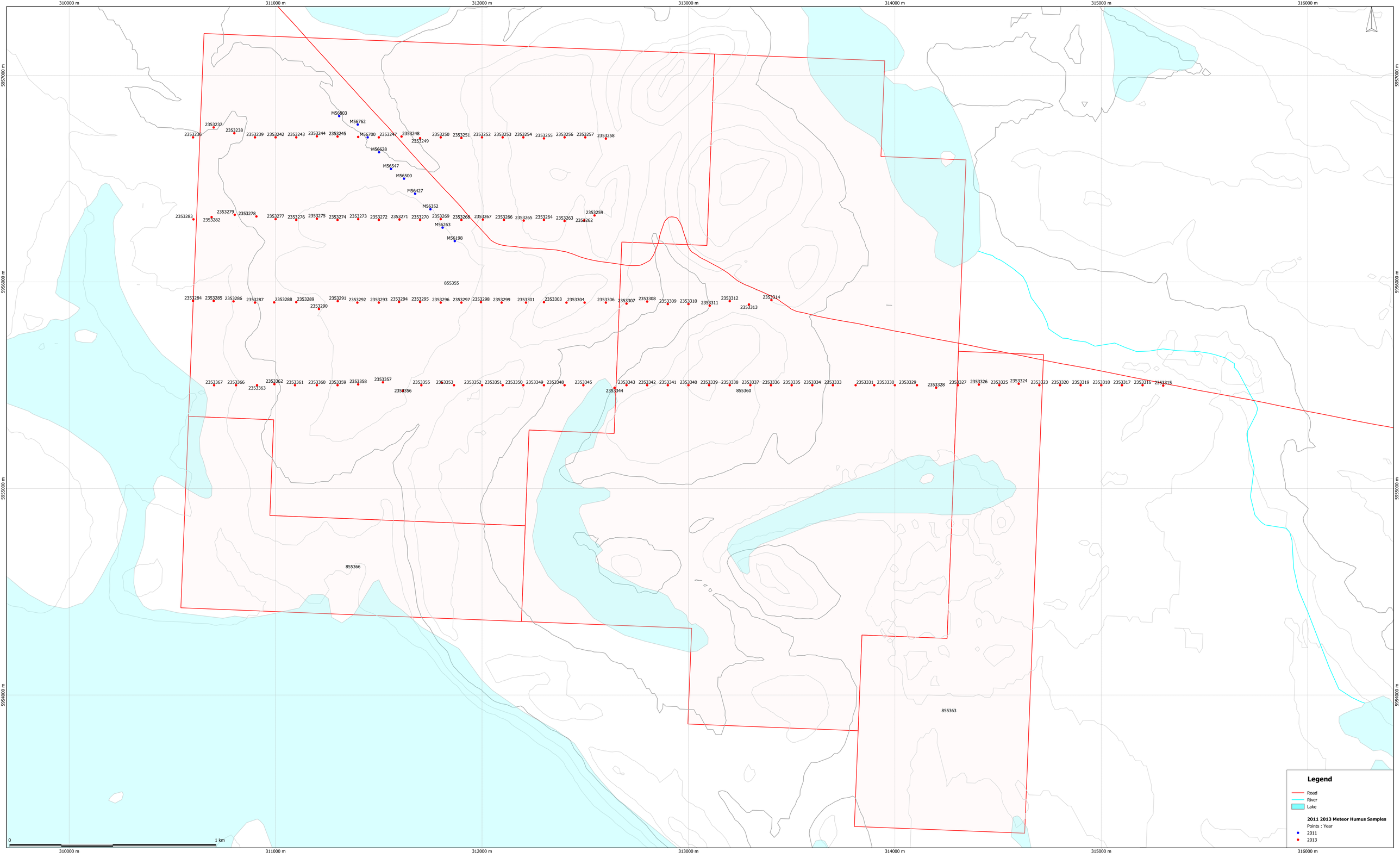

Figure 19
Meteor Property
Humus Samples Map
1:7500

Universal Transverse Mercator - Zone 10 (N)
Drawn by: John Grabavac
Printed at: 28/10/2013

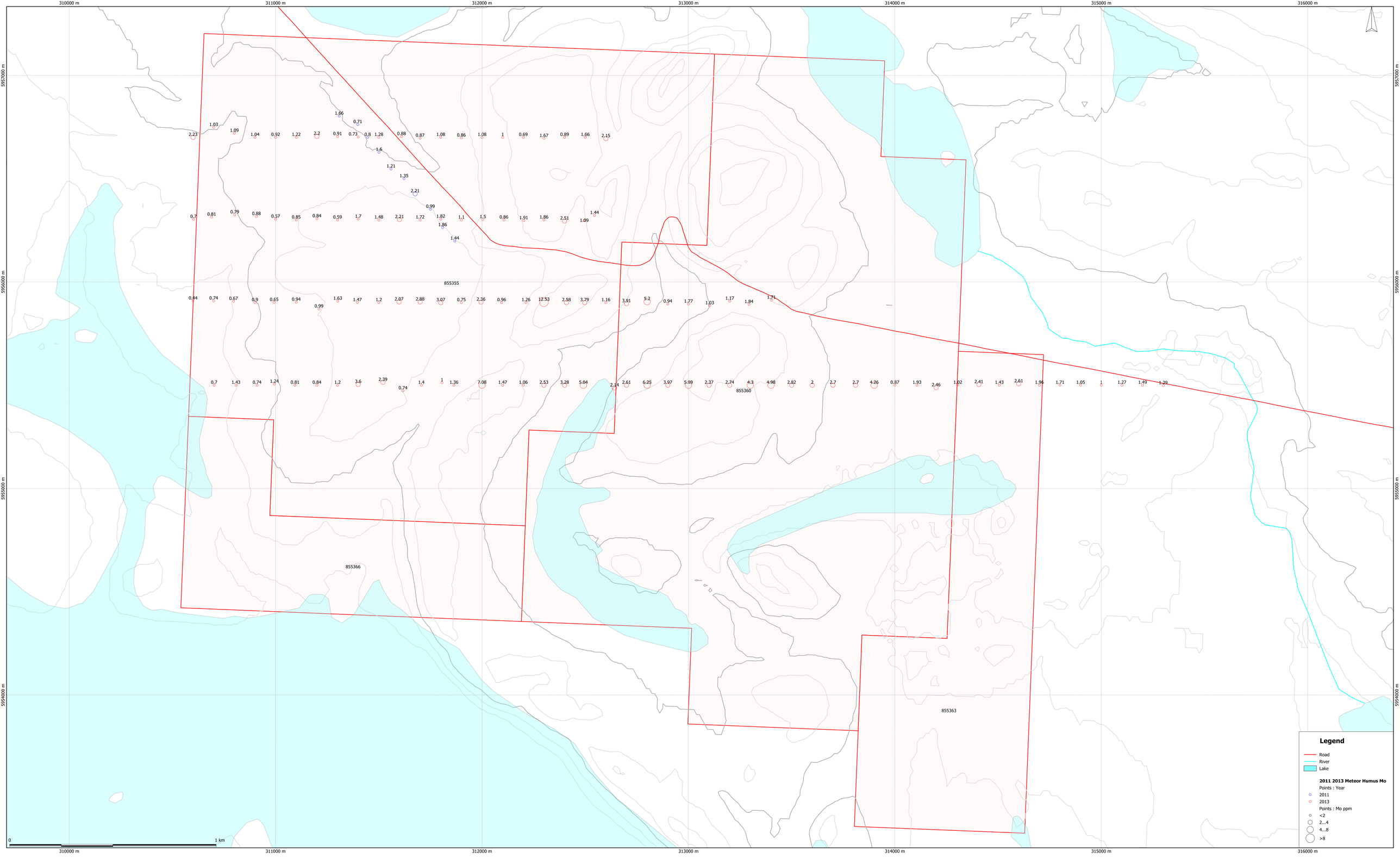

Figure 20
Meteor Property
Humus Mo Map
1:7500

Universal Transverse Mercator - Zone 10 (N)
Drawn by: John Grabavac
Printed at: 28/10/2013

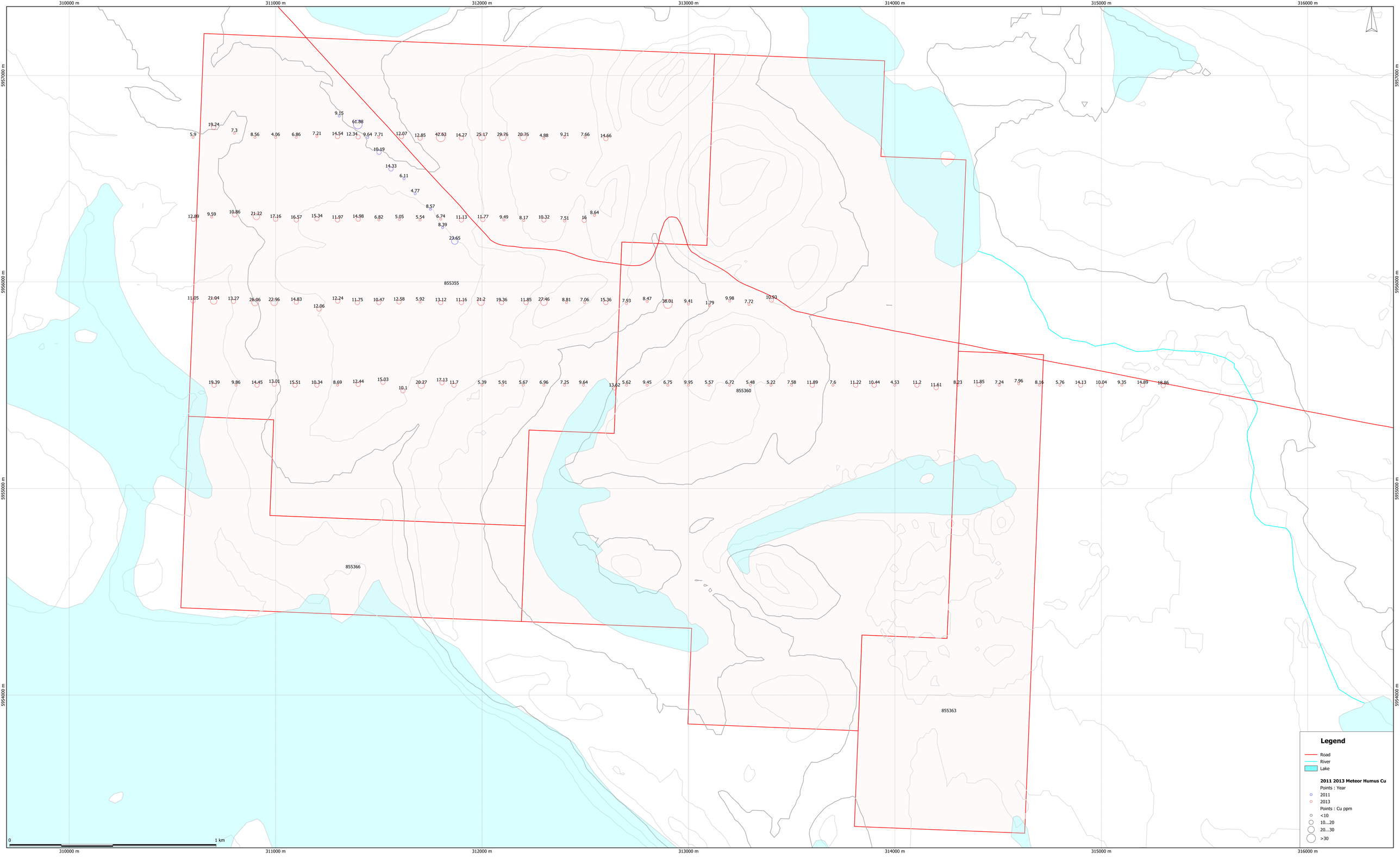

Figure 21
Meteor Property
Humus Cu Map
1:7500

Universal Transverse Mercator - Zone 10 (N)
Drawn by: John Grabavac
Printed at: 28/10/2013

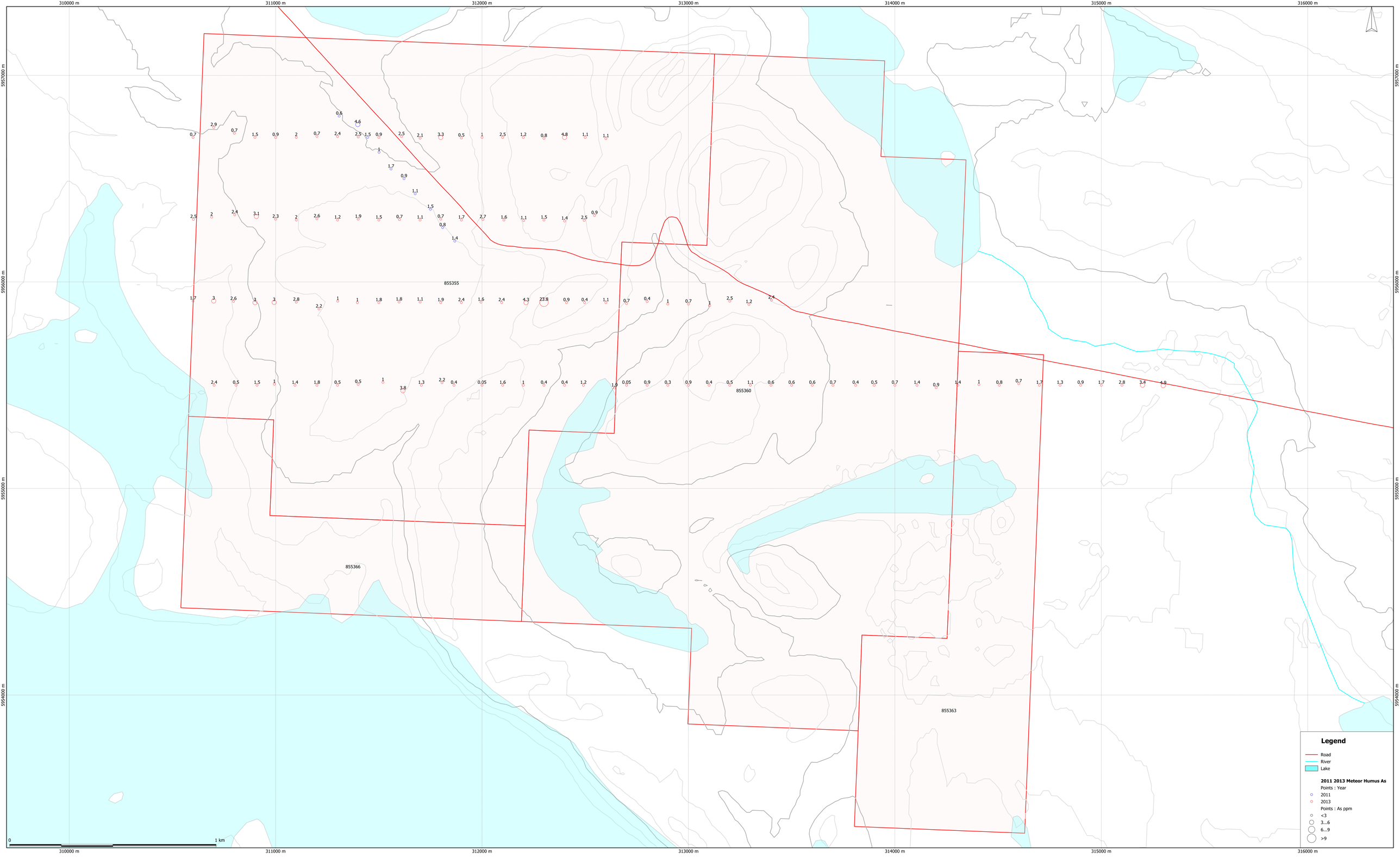

Figure 22
Meteor Property
Humus As Map
1:7500

Universal Transverse Mercator - Zone 10 (N)
Drawn by: John Grabavac
Printed at: 28/10/2013

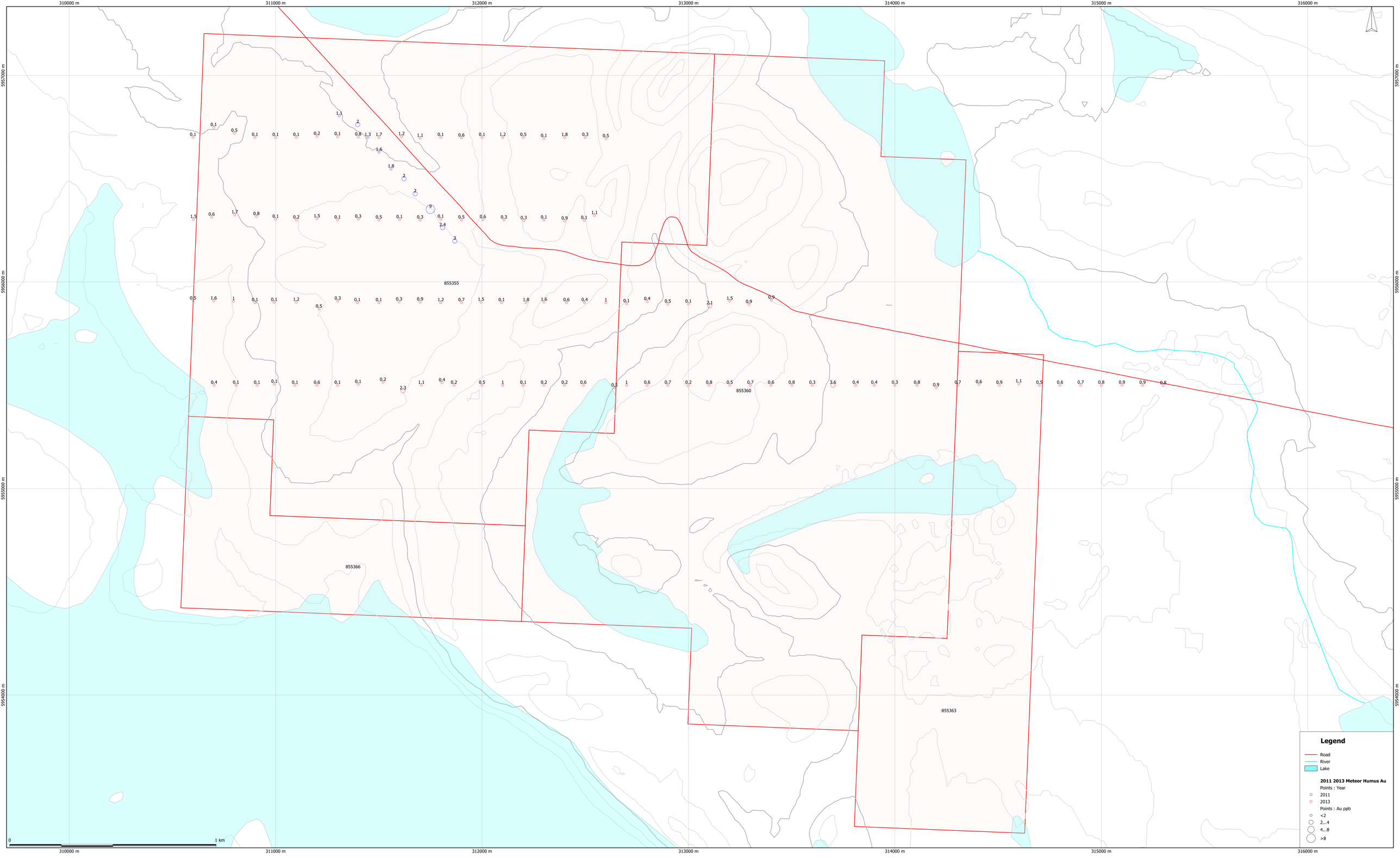

Figure 23
Meteor Property
Humus Au Map
1:7500

Universal Transverse Mercator - Zone 10 (N)
Drawn by: John Grabavac
Printed at: 28/10/2013

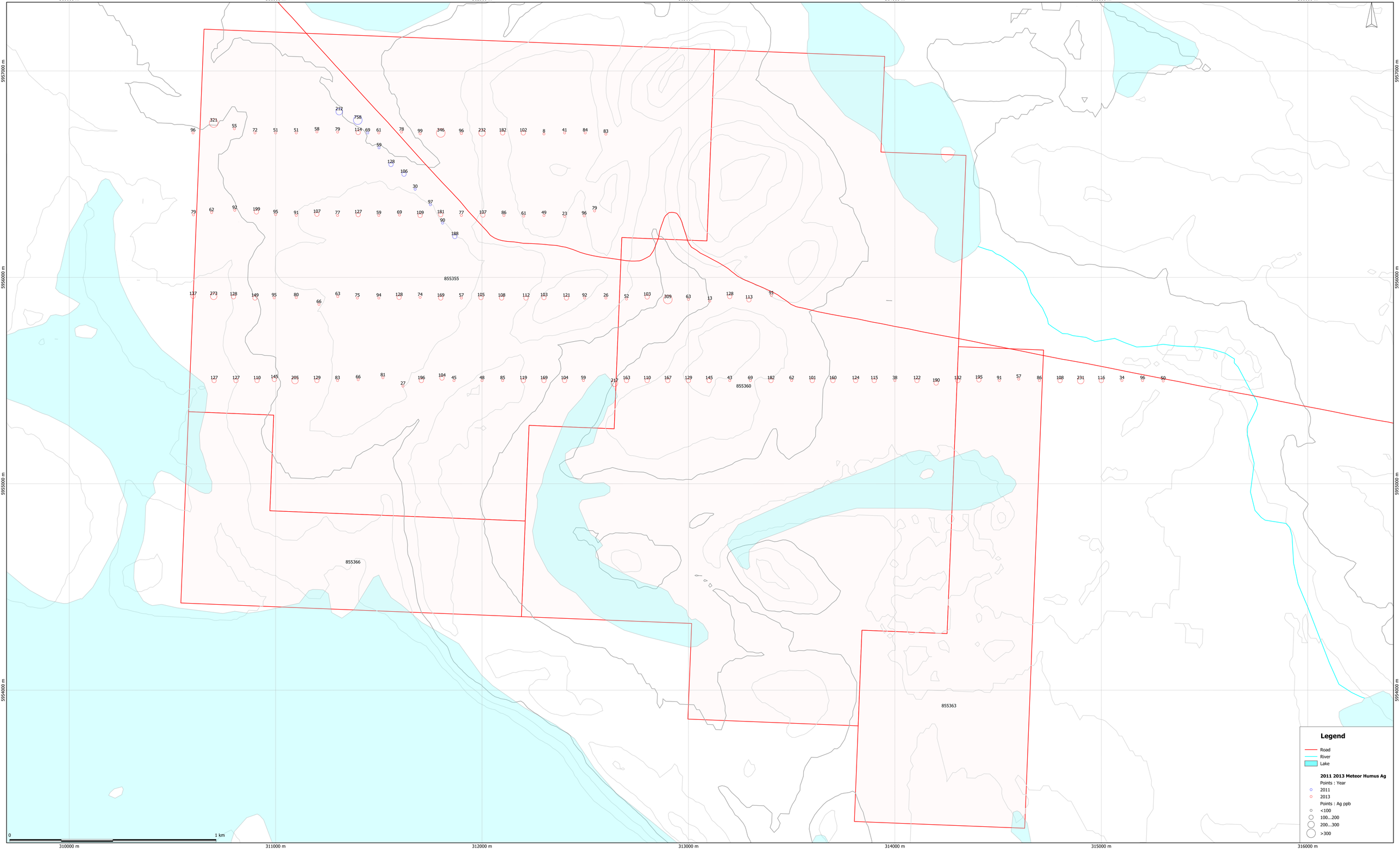

Figure 24
Meteor Property
Humus Ag Map
1:7500

Universal Transverse Mercator - Zone 10 (N)
Drawn by: John Grabavac
Printed at: 28/10/2013