

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
1016 -510 West Hastings Street  
Vancouver, B.C. V6B 1L8

Telephone: 604-688-2568

Fax: 604-688-2578

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**ASSESSMENT REPORT**

describing

**PROSPECTING AND GEOCHEMICAL SAMPLING**

at the

**MELOY PROPERTY**

Meloy 1-42 YC65705-YC65766

NTS 115G/08 and 115G/09  
Latitude 61°29'N; Longitude 138°11'W

Field work performed on September 3, 2012

located in the

Whitehorse Mining District  
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

**STRATEGIC METALS LTD.**

by

H. Burrell, B.Sc., P. Geo.

November 2012

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- I STATEMENT OF QUALIFICATIONS
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## **INTRODUCTION**

The Meloy property covers a copper±gold±silver±molybdenum±tungsten±tin±zinc porphyry prospect located in the Ruby Range of southwestern Yukon. It is owned 100% by Strategic Metals Ltd.

This report describes an exploration program that was conducted on September 3, 2012 by Archer, Cathro & Associates (1981) Limited on behalf of Strategic Metals. The program consisted of prospecting and geochemical sampling. The author participated in the program and her Statement of Qualifications appears in Appendix I.

## **PROPERTY LOCATION, CLAIM DATA AND ACCESS**

The Meloy property comprises 42 contiguous mineral claims located approximately 90 km northwest of Haines Junction in southwestern Yukon, at latitude 61°29'N and longitude 138°11'W on NTS map sheets 115G/08 and 115G/09 (Figure 1). The claims are registered with the Whitehorse Mining Recorder in the name of Archer Cathro, which holds them in trust for Strategic Metals. Claim data are listed below while the locations of individual claims are illustrated on Figure 2.

Specifics concerning claim registration are tabulated below, while the locations of individual claims are shown on Figure 2.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
Meloy 1-42	YC18054-YC18073	March 21, 2020

\* Expiry date includes 2012 work that has been filed for assessment credit.

In 2012, the crew stayed at Rockhaven Resources Ltd.'s Klaza camp, located 88 km north-northeast of the Meloy property. Access to and from the property was provided by a Hughes 500D helicopter owned and operated by TransNorth Helicopters, which was temporarily based at the Klaza camp.

The closest road access to the Meloy property is at the community of Aishihik about 35 km to the east-northeast. If required, heavy equipment could access the property via a trail that leads to old placer workings. That trail extends from Aishihik to within 500 m of the property.

## **HISTORY**

J. Meloy initially staked the area in 1951 as the Molly claims and performed hand trenching in 1952. The Molly claims were allowed to lapse and were restaked in 1960 by J. McConnery as the Big Sam claims and again in 1962 by L. Nault as the Pag and Bird claims (Smith, 1971). No reports were filed regarding any of these claims.

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FIGURE 1  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**PROPERTY LOCATION**

MELOY PROPERTY



UTM ZONE 7, NAD 83, 115G/08

FILE: ...2012/MELOY/FIGURES/LOCATION

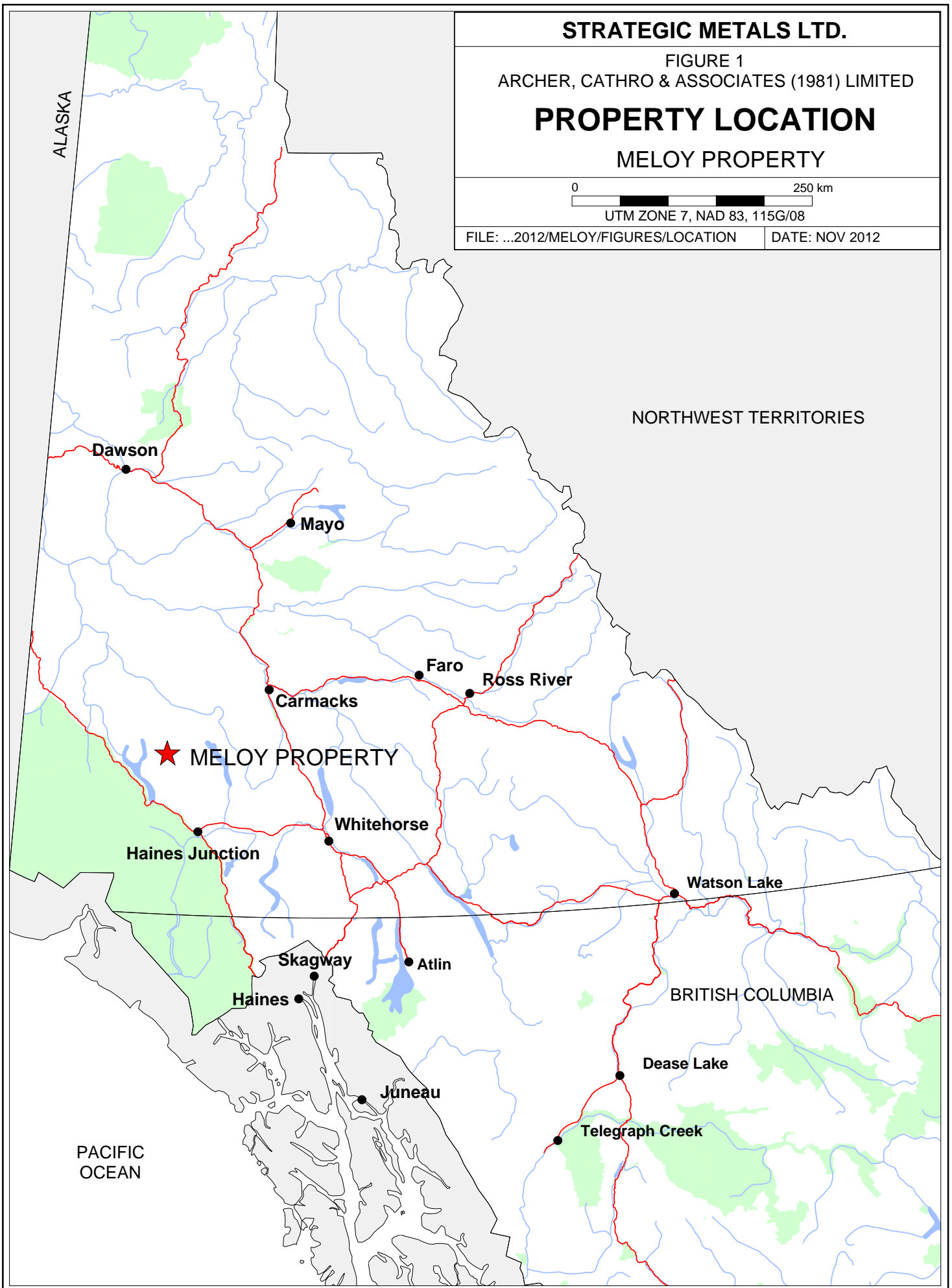
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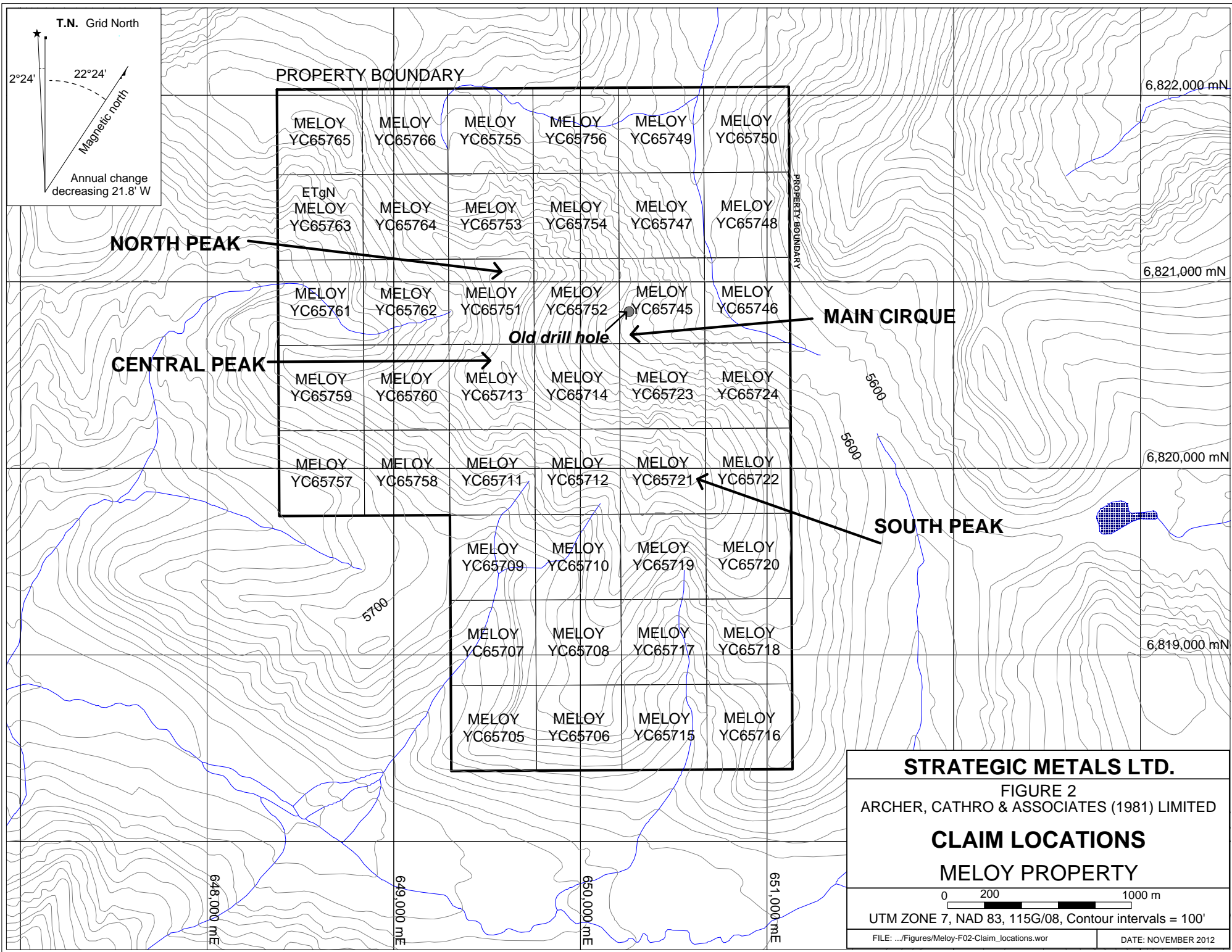
NORTHWEST TERRITORIES

BRITISH COLUMBIA

ALASKA

PACIFIC OCEAN





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FIGURE 2  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**CLAIM LOCATIONS**  
**MELOY PROPERTY**

0 200 1000 m

UTM ZONE 7, NAD 83, 115G/08, Contour intervals = 100'

FILE: .../Figures/MeLOY-F02-Claim\_locations.wor DATE: NOVEMBER 2012

In 1970, Phelps Dodge conducted mapping, geochemical surveys and one diamond drill hole (66.7 m) on the floor of the Main Cirque (Figure 2). No assays were reported from this work (Smith, 1971).

In 1986, the Geological Survey of Canada (GSC) performed a regional stream sediment survey on the map sheets where the Meloy property is located. Samples taken from streams draining the area of the property produced weakly to moderately anomalous results including peak values of 97 ppm copper, 28 ppm tungsten, and 298 ppm zinc (Friske *et al.*, 1986).

In 2008, Strategic Metals performed a three day program comprising prospecting and soil sampling. Results from this work were encouraging. Twenty-six rock samples were assayed with peak values of 4.89% copper, 832 ppb gold, 9770 ppm molybdenum, 3.51% tungsten and 6420 ppm tin. One hundred and fifteen soil samples were also analyzed yielding peak values of 2300 ppm copper, 42 ppb gold, 595 ppm molybdenum, 129 ppm tungsten and 127 ppm tin (Smith, 2008).

In 2010, Strategic Metals spend one day prospecting and geochemical sampling on the Meloy property. Eleven rock and 58 soil samples were collected for analysis. Results from this work supported the anomalies identified by the 2008 geochemical survey. Rocks yielded up to 1.06 g/t gold, 110 ppm silver, 8720 ppm molybdenum, 3380 ppm tungsten, 312 ppm tin, and greater than 1% copper and zinc. Soil sampling returned further anomalous results to maximums of 2000 ppm copper, 224 ppb gold, 4 ppm silver, 12 ppm molybdenum, 100 ppm tungsten, and 80 ppm tin (Smith, 2011).

Also in 2010, Strategic Metals contracted New-Sense Geophysics Ltd. of Markham, Ontario to perform an airborne magnetic survey over the property. A total of 293 line kilometres were flown. This survey identified two circular magnetic low features in the northern part of the property and a number of strong lineaments in the southern part (Smith, 2011).

From early 2011 to summer 2012, the property was under option to Alix Resources Corp. There is no record of any work that Alix may have done under terms of that option agreement.

## **GEOMORPHOLOGY**

The Meloy property lies within the Ruby Range in the southern part of the Yukon Plateau. It is underlain by rugged alpine terrain characterized by sharp peaks and high rounded ridges, which are bounded by steep-walled valleys with broad flat floors. Some of the peaks and ridges may have escaped glaciation but glacial features are common at lower elevations (Muller, 1967).

A large northwest trending ridge runs through the centre of the property connecting three prominent peaks referred to as South, Central and North (Figure 2). A series of southwest trending spurs extend off the South and Central peaks. South-facing slopes are moderately steep and are blanketed by relatively stable talus. North-facing slopes are almost completely inaccessible because of cliffs and unstable talus.

Elevations on the property range from 1675 m to 2245 m. Sparse vegetation consisting of moss and grass is found on valley floors and in areas of low topographic relief where small plateaus have formed.

All creeks draining the property flow into Talbot Arm of Kluane Lake, which is part of the Yukon River watershed.

### **REGIONAL GEOLOGY**

The property is located in the Nisling subterrane in the southwestern part of the Yukon-Tanana Terrane, which lies between the Tintina and Denali faults (Figure 3). The regional geology was originally mapped at 1:250,000 scale by the GSC in the early 1970s (Templeman-Kluit, 1974). In 1999, Gordey and Makepeace (1999) compiled regional geology in the Meloy area. In 2010, the Yukon Geological Survey (YGS) re-mapped parts of map sheets 115G and 115H (Israel et al., 2010). The following description of regional geology is based on the most recent published data.

The Meloy property lies in a geologically complex area, dominated by three main tectonic elements: 1) Kluane Schist; 2) Ruby Range Batholith; and 3) Yukon-Tanana Terrane (YTT). Collectively these elements form a northeast-dipping structural stack that exposes a roughly 40 km thick section of crust from the Denali Fault to the White River. Figure 4 illustrates the current mapping near the Meloy property, while Table I below lists updated geological descriptions of the main units in the region.

**Table I – Lithological Descriptions**

Unit Name (symbol)	Age	Description ( <i>From Israel et al., 2010</i> )
Ruby Range Suite (PR)	Paleocene	Fine to coarse grained, salt and pepper, hornblende±biotite quartz diorite, medium grained, light grey to pinkish, biotite±hornblende granodiorite; fine to medium grained, beige to grey tonalite with smokey grey quartz; pink-grey, biotite granite.
Alaskite Creek (ETA)	Early Tertiary	Massive, unfoliated, medium grained, green-pink-grey, biotite±hornblende granite, plagioclase crystals altering to a greenish colour, strongly to moderately magnetic.
Kluane Schist (KS)	Late Cretaceous	Light to dark grey, fine grained, quartz-muscovite schist; variably carbonaceous (more carbonaceous in the northwest of map area); rare light grey carbonate lenses.
Finlayson Assemblage (FA)	Upper Devonian to Lower Mississippian	Quartz-muscovite-garnet schist interlayered with carbonaceous quartzite, garnet amphibolite and white-weathering marble units.

The Finlayson Assemblage of the YTT has been thrust over Kluane Schist (Israel et al., 2010), and the Ruby Range Batholith intrudes between and across both lithologies. Younger, more felsic and porphyritic phases of intrusive material outcrop at the top of the batholith.

# STRATEGIC METALS LTD.

FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

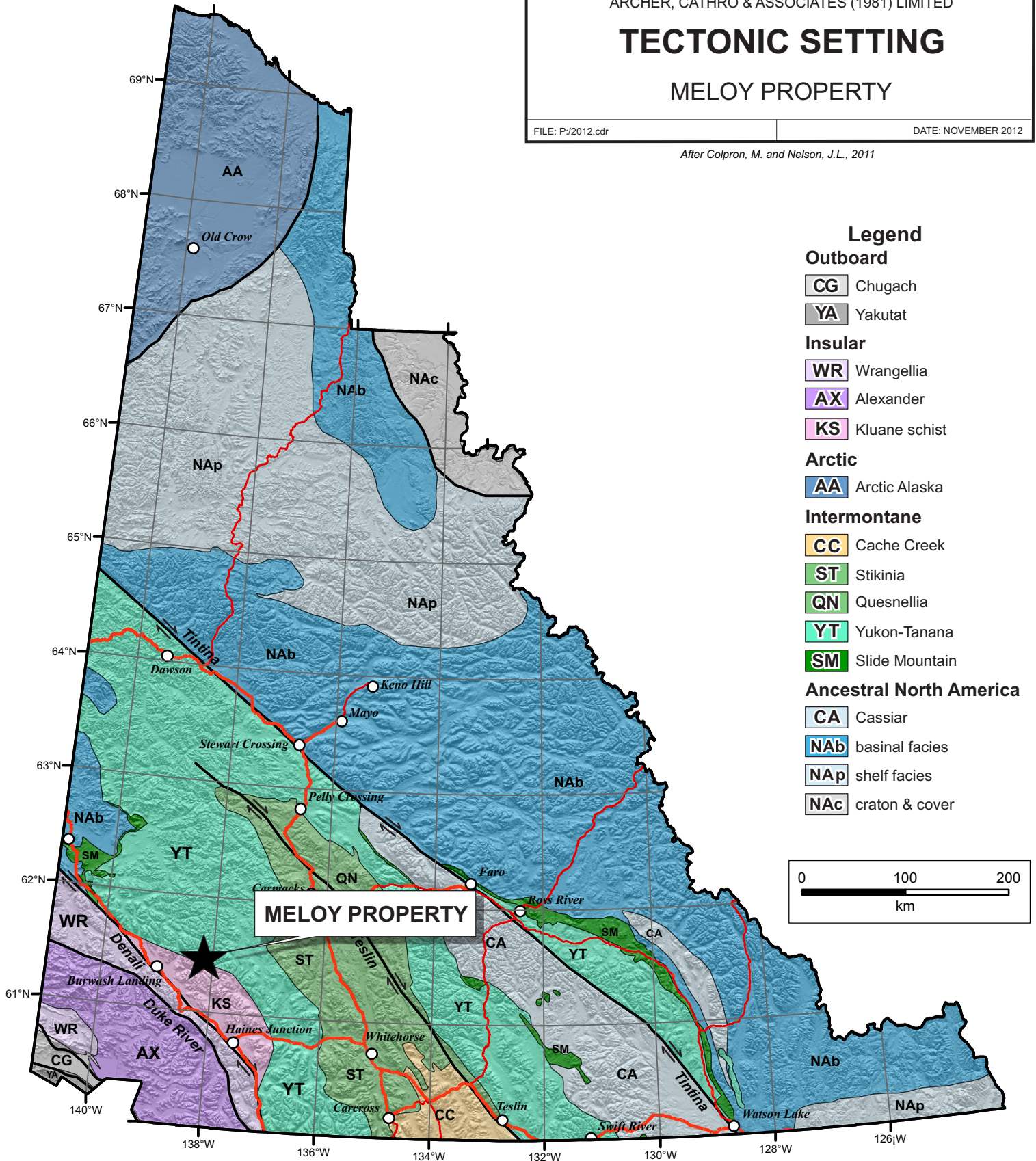
## TECTONIC SETTING

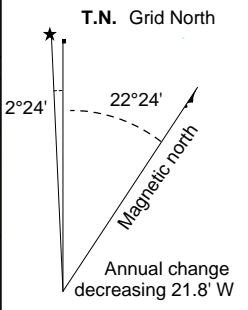
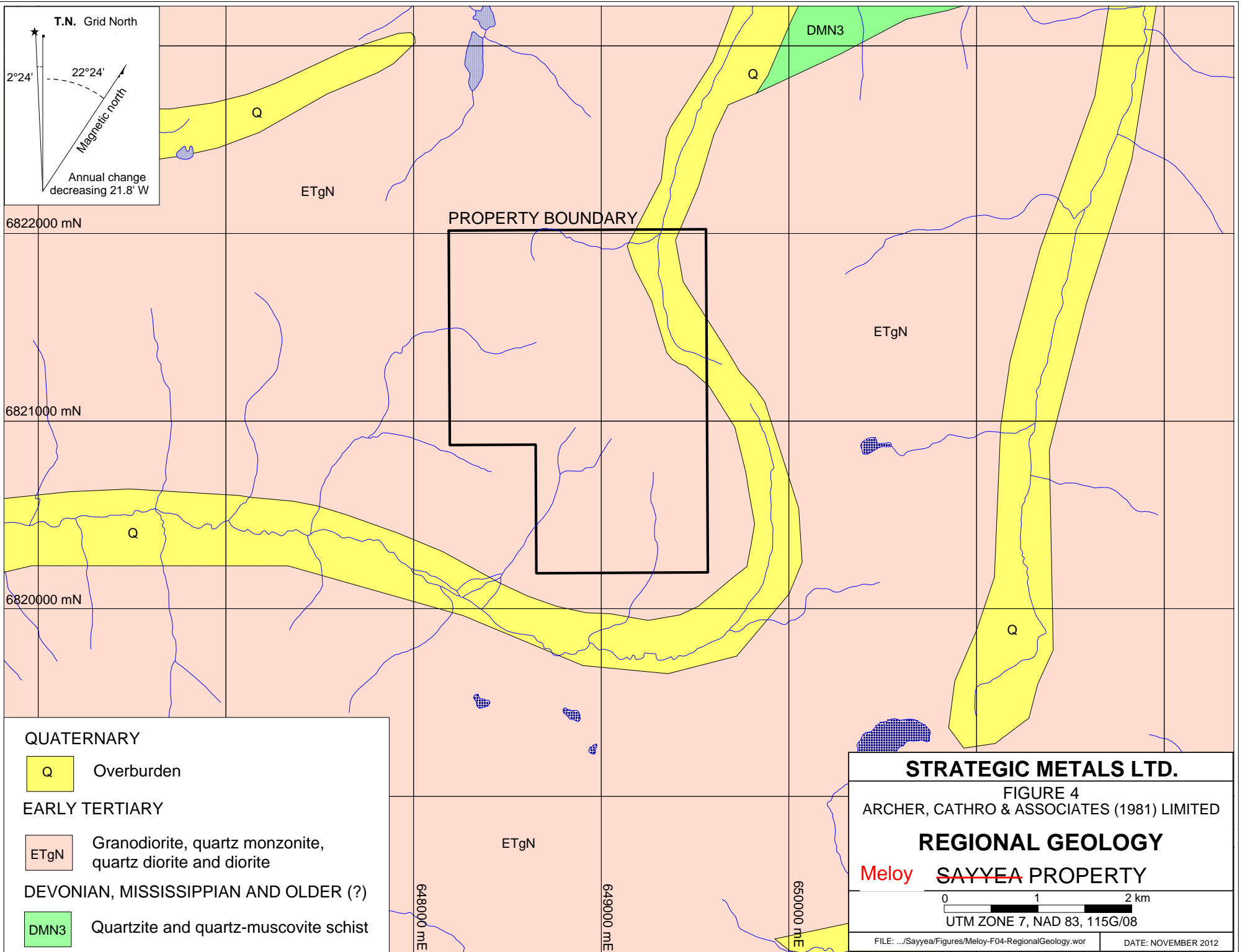
### MELOY PROPERTY

FILE: P:/2012.cdr

DATE: NOVEMBER 2012

After Colpron, M. and Nelson, J.L., 2011





6822000 mN

6821000 mN

6820000 mN

PROPERTY BOUNDARY

ETgN

DMN3

Q

ETgN

Q

Q

ETgN

648000 mE

649000 mE

650000 mE

**QUATERNARY**

**Q** Overburden

**EARLY TERTIARY**

**ETgN** Granodiorite, quartz monzonite, quartz diorite and diorite

**DEVONIAN, MISSISSIPPIAN AND OLDER (?)**

**DMN3** Quartzite and quartz-muscovite schist

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FIGURE 4  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**REGIONAL GEOLOGY**

Meloy **SAYYEA PROPERTY**

0 1 2 km

UTM ZONE 7, NAD 83, 115G/08

In the vicinity of the Meloy property, the Ruby Range Batholith obscures the Finlayson Assemblage-Kluane Schist contact. The Finlayson Assemblage overlies parts of the Ruby Range Batholith, as a large embayment and roof pendants. The contact between the Finlayson Assemblage and the Ruby Range Batholith is irregular and is often formed by faults.

Two late-stage, north- and northeast- trending faults cut Finlayson Assemblage and Ruby Range Batholith immediately north of the Meloy property. A sliver of Early Tertiary alaskite (ETA) is preserved between these two faults, which may be part of a graben.

### **PROPERTY GEOLOGY**

Systematic geological mapping has not been done on the property and is difficult because access to bedrock is limited by talus cover in some areas and cliffs in others. Since 2008, cursory mapping has been done along ridges and south facing slopes (Figure 5).

The Meloy property is wholly underlain by Ruby Range Suite (PR), comprising medium to coarse grained, hornblende±biotite quartz diorite and medium grained, light grey to pinkish, biotite±hornblende granodiorite with well-developed smokey grey quartz crystals.

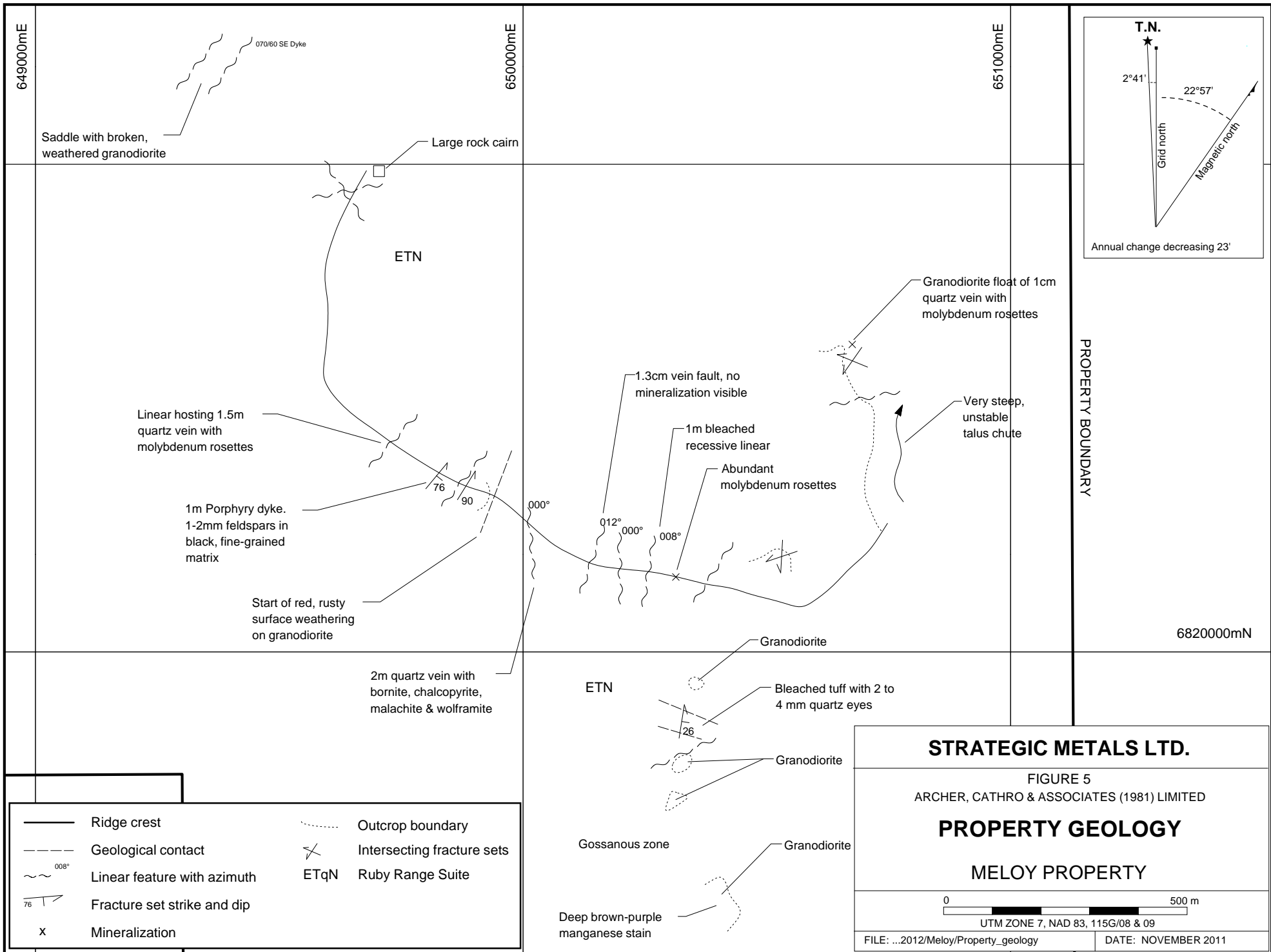
In the southern part of the property there is a red-brown hematite-rich gossan zone. This gossan lies within PR and is associated with closely spaced joint sets and random shearing (Smith, 1971).

Several joint sets were measured within PR. Although a wide range of attitudes were recorded, the strongest fracture sets consistently strike north-south and east-west, both dipping sub-vertically. A number of strong, recessively weathering linears cross the main ridge. These linears typically trend 000° to 012° and mark up to two metre wide zones that exhibit multiple quartz-flooded fractures. Late stage, fine grained dykes (mafic and quartz-feldspar porphyry) parallel the strongest fracture set. Where exposed these dykes are up to one metre thick.

### **MINERALIZATION**

All mineralization identified to date on the property is hosted in quartz veins and veinlets that cut fresh PR and the sheared gossanous zone in the southern part of the property.

A variety of sulphide minerals have been identified to date on the property. Pyrite, arsenopyrite, chalcopyrite and bornite occur in narrow fractures and quartz veins. Molybdenum rosettes are found within narrow (< 2 cm) veinlets or as fracture coatings. Bladed wolframite crystals up to 1.5 cm in length are hosted in large quartz veins up to six centimetres across. No preferred orientation has been determined yet for these veins. No tin minerals have been identified. Table II describes styles of mineralization in the veins.



**Table II – Styles of Mineralization within Quartz Veins**

<b>Mineral</b>	<b>Abundance</b>	<b>Size and form</b>
Pyrite	Approximately 2%	Disseminated, two millimetre cubic crystals
Chalcopyrite	Approximately 4%	Disseminated and blebby crystals
Arsenopyrite	Less than 1%	Fine stringers
Molybdenite	Approximately 3%	Up to one centimetre coarse rosettes
Bornite	Less than 1%	Massive bands up to two centimetres thick
Wolframite	Approximately 1%	Three millimetre to 1.5 centimetre bladed crystals.

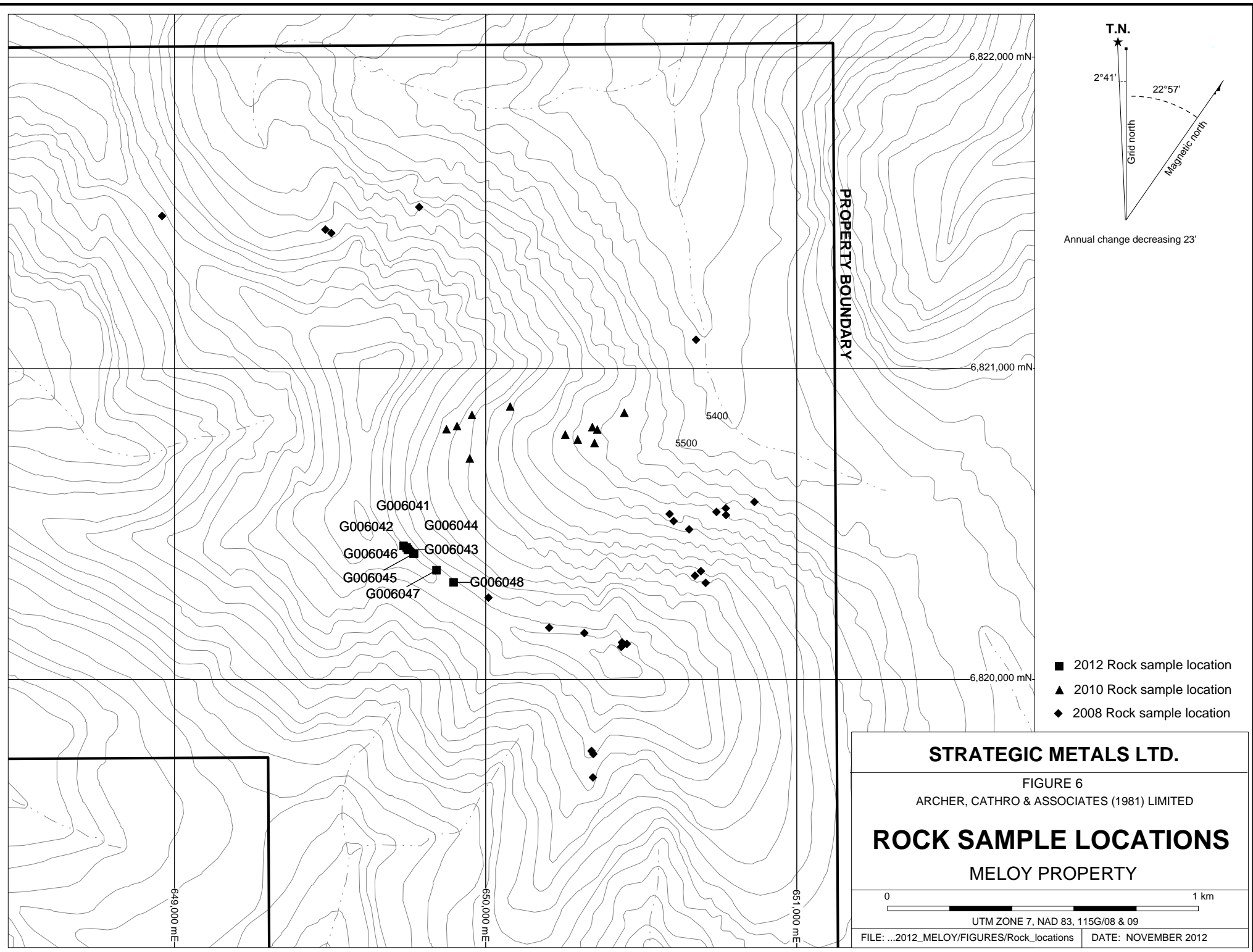
Secondary mineralization occurs within and adjacent to weathered quartz veins. Malachite and azurite coat talus surfaces and fracture planes in the recessive linears exposed on the main ridge. They are also concentrated adjacent to fine grained mafic dykes. Small limonitic pits after pyrite are common within quartz veins. Scorodite is found within an east-west trending zone of quartz veins in the southern half of the property.

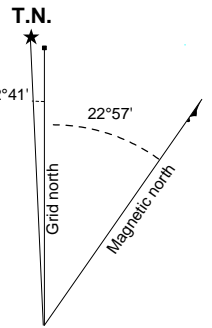
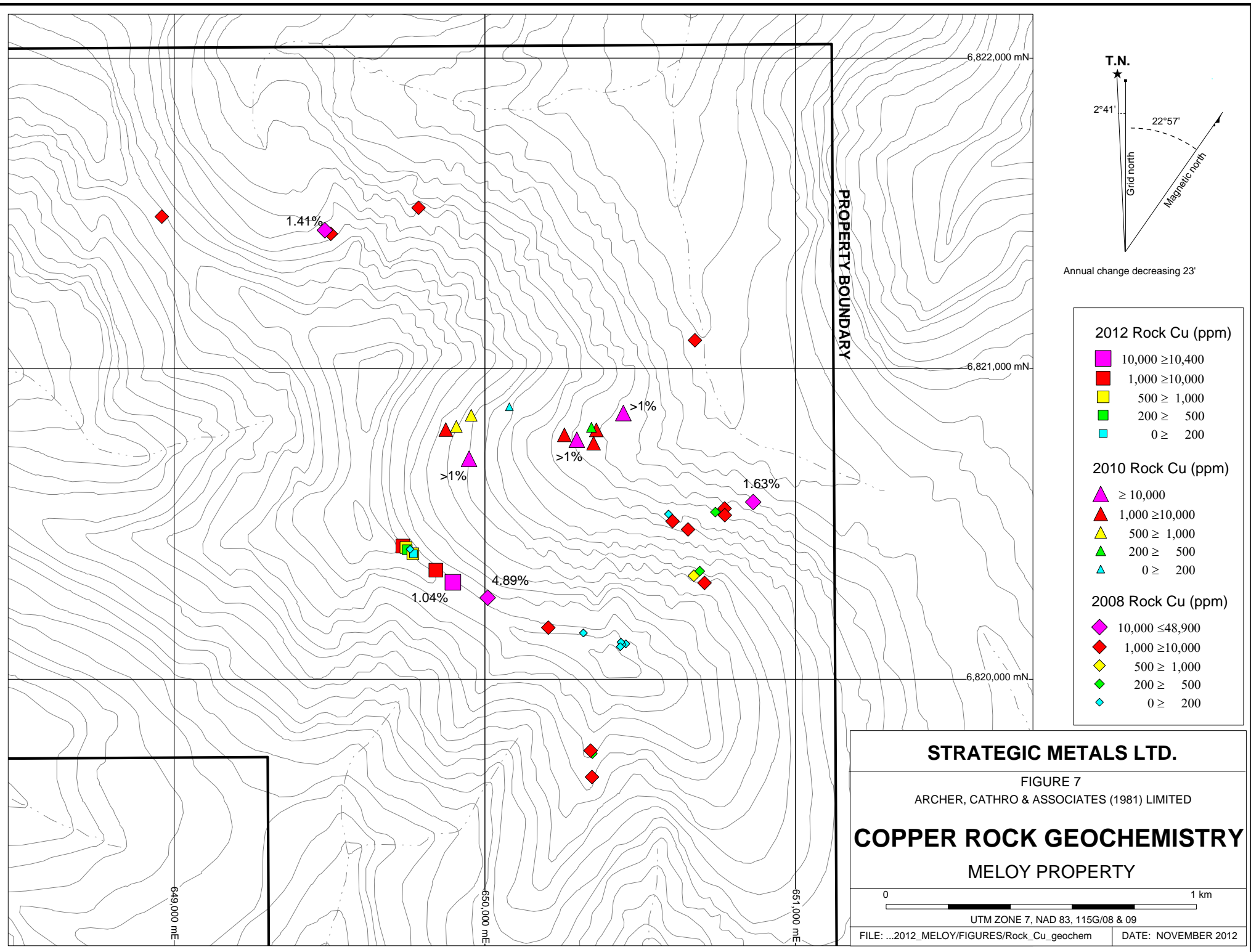
The highest concentrations of quartz veins occur within the recessive linears. Elsewhere, quartz veins are typically less than four centimetres thick and are widely scattered throughout PR. Overall abundance of quartz veins in most parts of the property has not yet been determined.

In 2012, eight rock samples – seven composite chips and one grab sample – were collected from the main ridge on the property. Rock sample locations and results for copper, gold, silver, molybdenum, tungsten, tin and zinc are plotted on Figures 6 to 13, respectively. All rock sample sites in 2012 were marked with orange flagging tape labelled with the sample number. The location of each sample was determined using a handheld GPS unit. All samples sent for shipment were double bagged with pre-numbered sample tags placed in the bag.

The rock samples were submitted to ALS Minerals in Whitehorse where they were dried and fine crushed to –2 mm. A 250 g split was then pulverized to 75 micron and a portion of this material was sent to ALS Minerals in North Vancouver where it was digested in aqua regia before being analyzed for 48 elements by four acid digestion with inductively coupled plasma-atomic emission spectroscopy and inductively coupled plasma-mass spectrometry (ME-MS61). All rock samples were then analyzed for gold using fire assay technique (Au-AA24). Overlimit copper and molybdenum analyses were performed using a four acid digestion inductively coupled plasma-atomic emission spectroscopy method (Mo/Cu-OG62). Rock Sample Descriptions are provided in Appendix II and Certificates of Analysis are given in Appendix III.

Most of the rock samples collected from the property to date were taken along the main ridge between the South and Central peaks or within the Main Cirque. Table III lists anomalous thresholds used to describe rock geochemical results.





Annual change decreasing 23'

**2012 Rock Cu (ppm)**

- 10,000 ≥ 10,400
- 1,000 ≥ 10,000
- 500 ≥ 1,000
- 200 ≥ 500
- 0 ≥ 200

**2010 Rock Cu (ppm)**

- ▲ ≥ 10,000
- ▲ 1,000 ≥ 10,000
- ▲ 500 ≥ 1,000
- ▲ 200 ≥ 500
- ▲ 0 ≥ 200

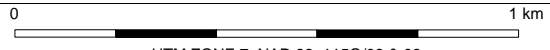
**2008 Rock Cu (ppm)**

- ◆ 10,000 ≤ 48,900
- ◆ 1,000 ≥ 10,000
- ◆ 500 ≥ 1,000
- ◆ 200 ≥ 500
- ◆ 0 ≥ 200

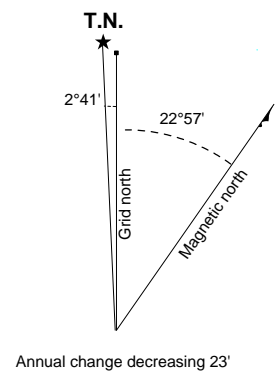
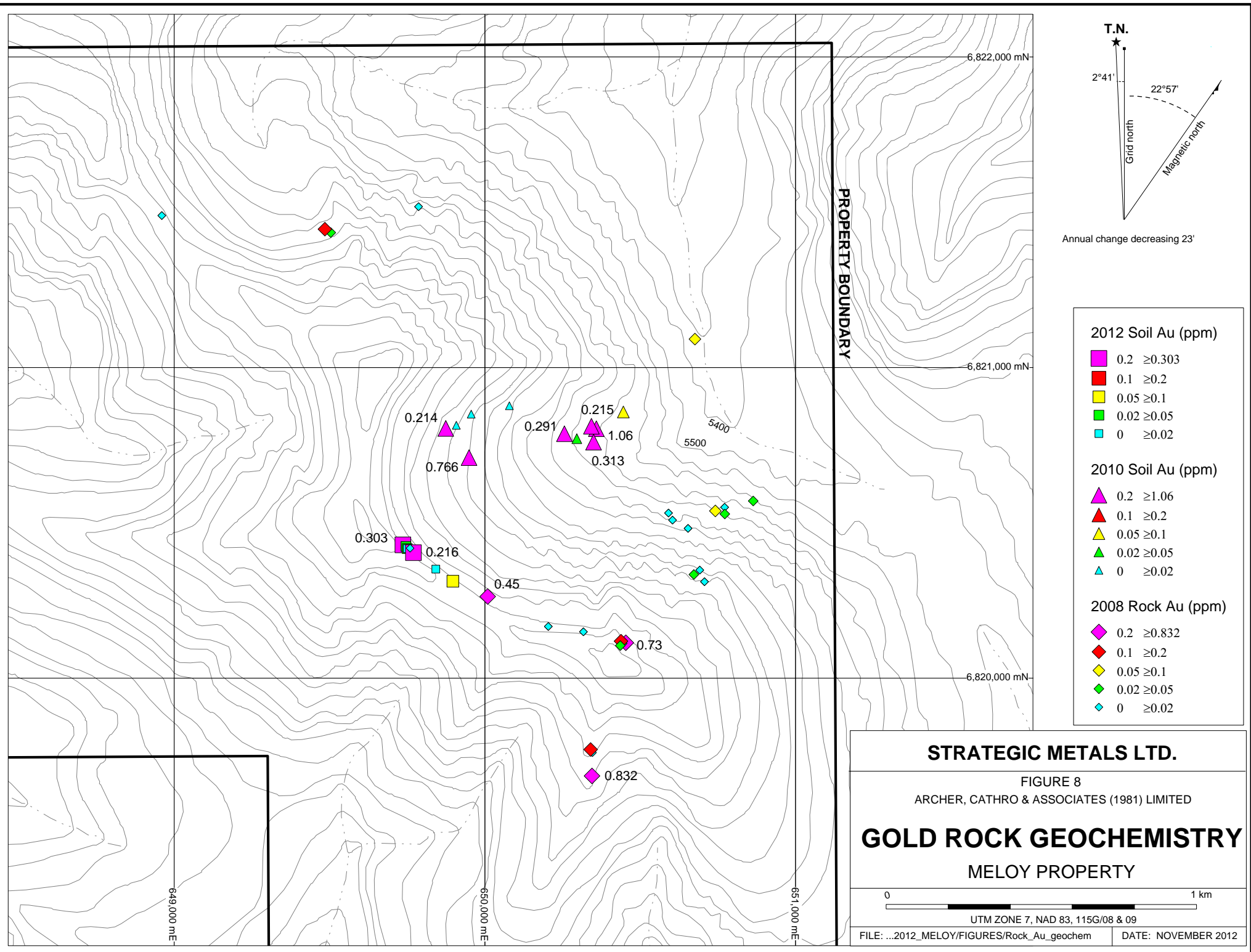
**STRATEGIC METALS LTD.**

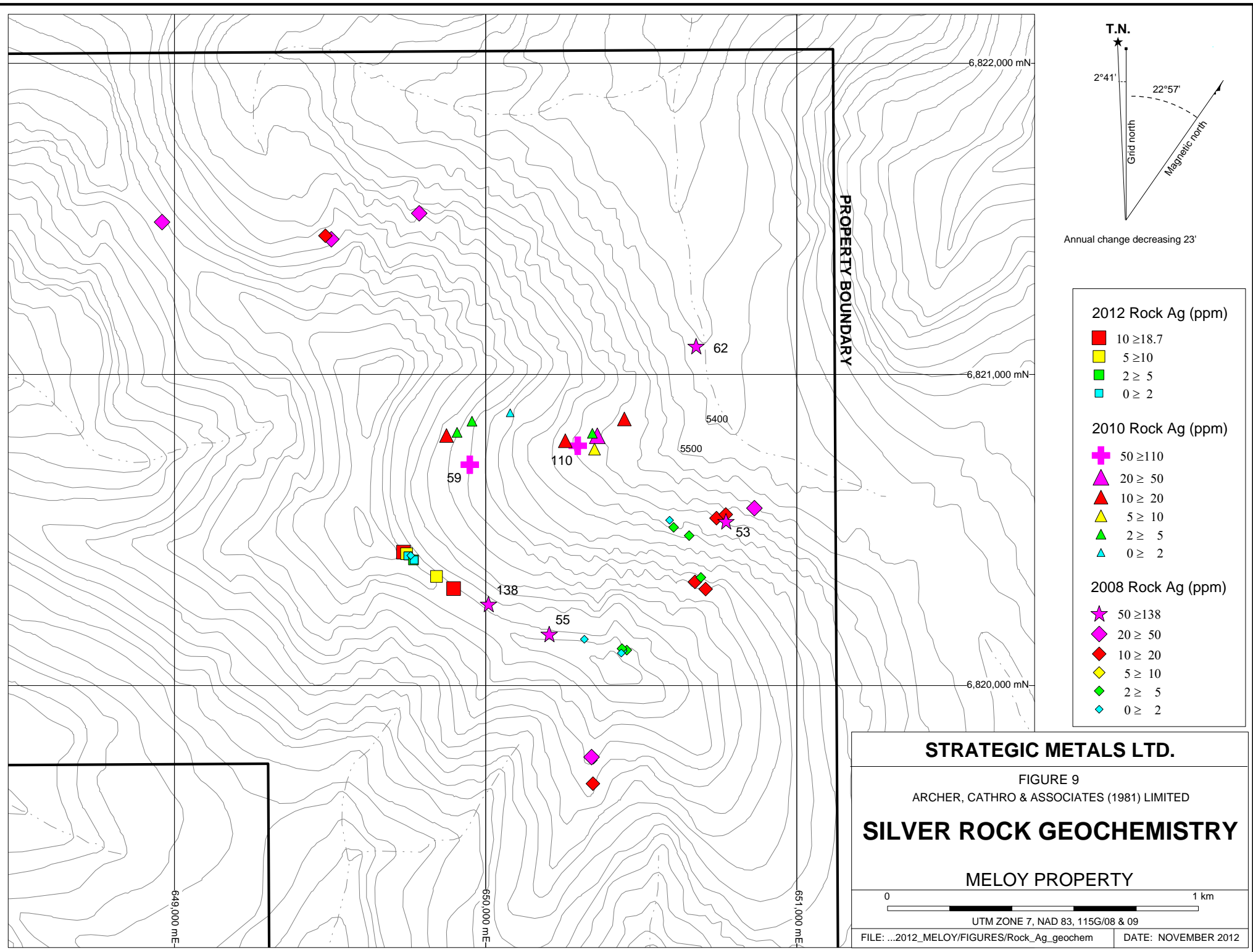
FIGURE 7  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

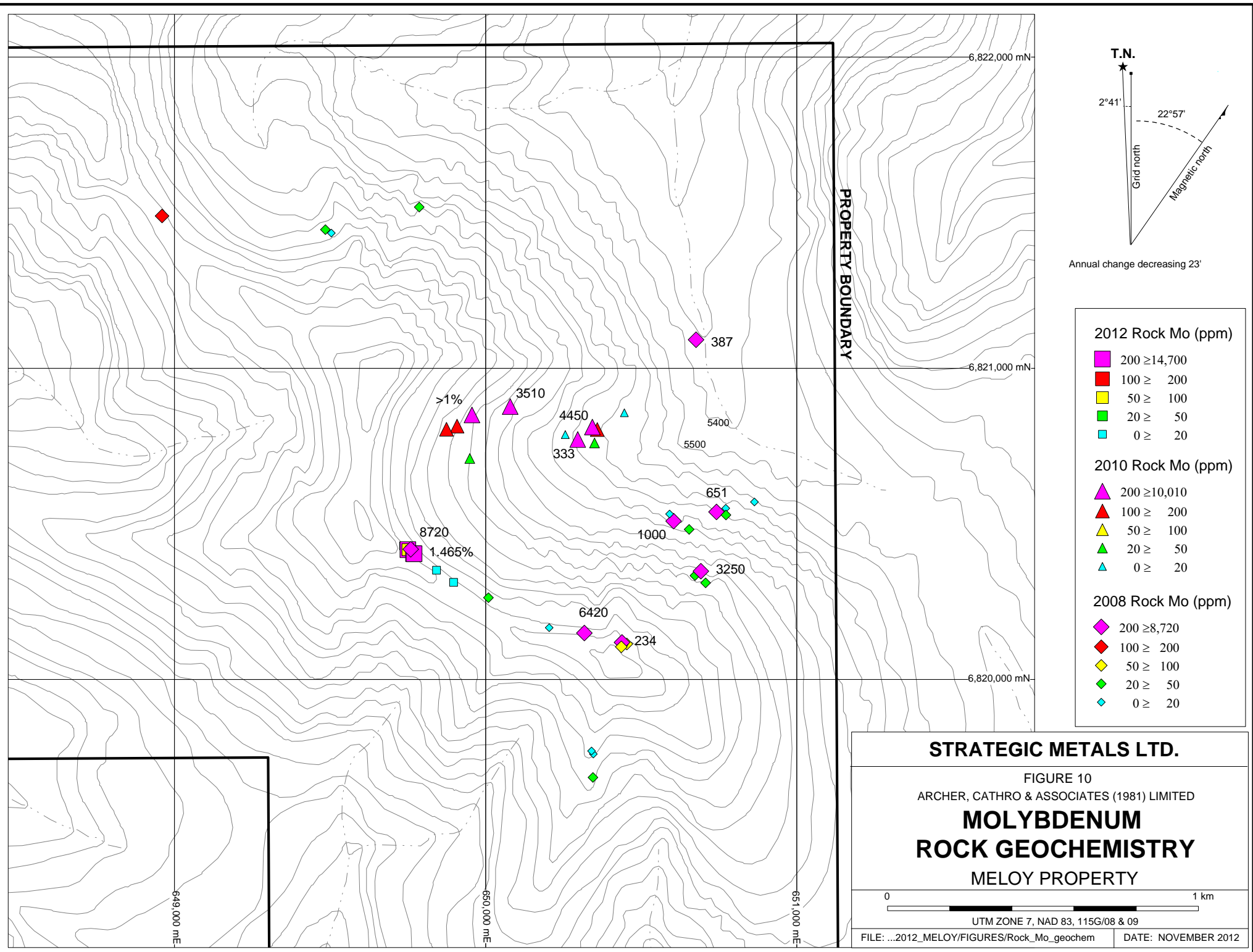
**COPPER ROCK GEOCHEMISTRY**  
 MELOY PROPERTY

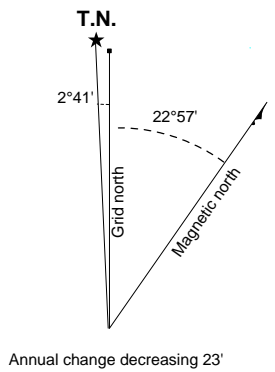
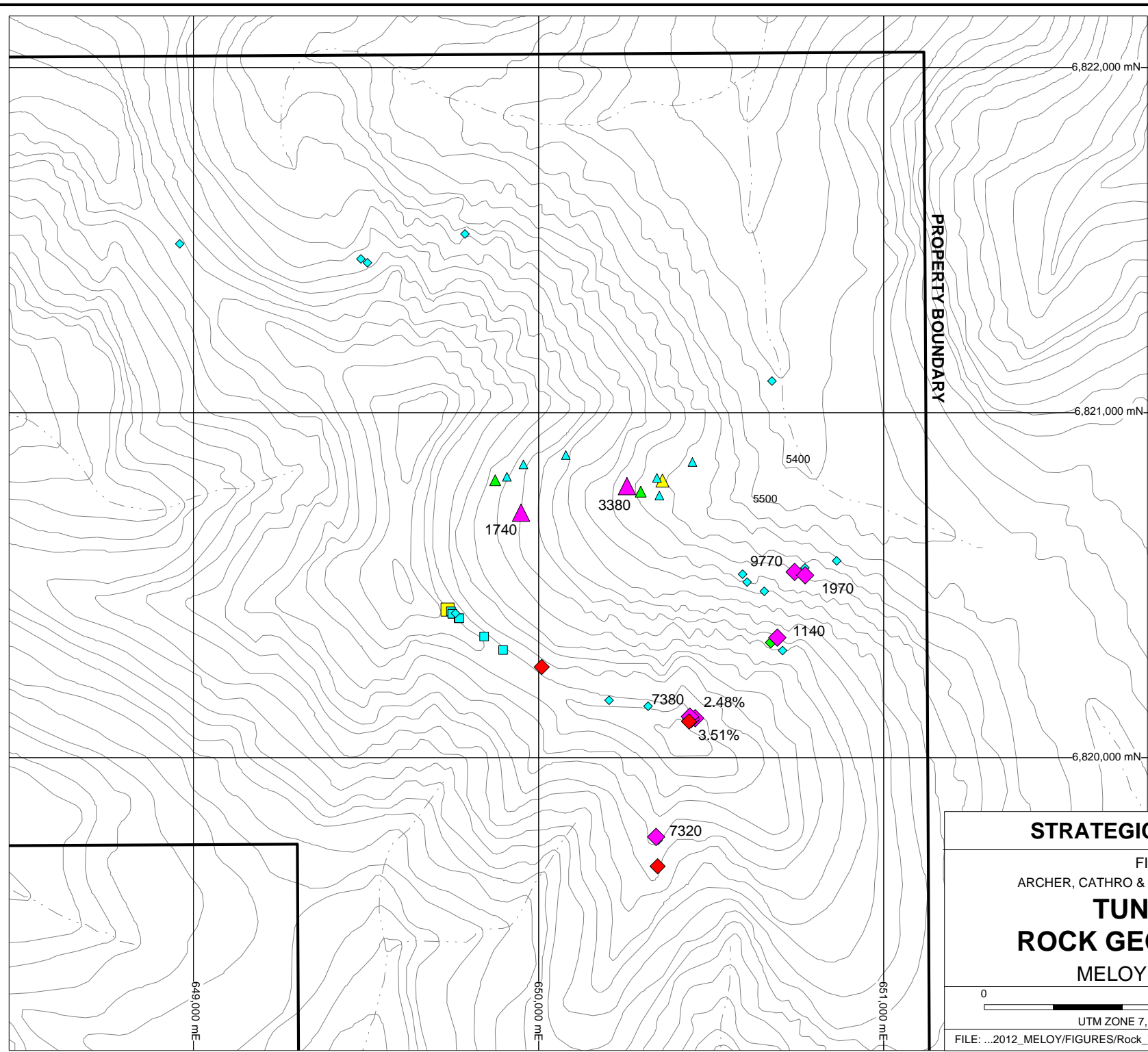


UTM ZONE 7, NAD 83, 115G/08 & 09









2012 Rock W (ppm)	
Yellow square	200 ≥ 341
Green square	100 ≥ 200
Cyan square	0 ≥ 100

2010 Rock W (ppm)	
Purple triangle	1,000 ≥ 3,380
Red triangle	500 ≥ 1,000
Yellow triangle	200 ≥ 500
Green triangle	100 ≥ 200
Blue triangle	0 ≥ 100

2008 Rock W (ppm)	
Purple diamond	1,000 ≥ 35,100
Red diamond	500 ≥ 1,000
Yellow diamond	200 ≥ 500
Green diamond	100 ≥ 200
Cyan diamond	0 ≥ 100

**STRATEGIC METALS LTD.**

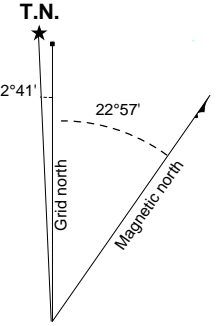
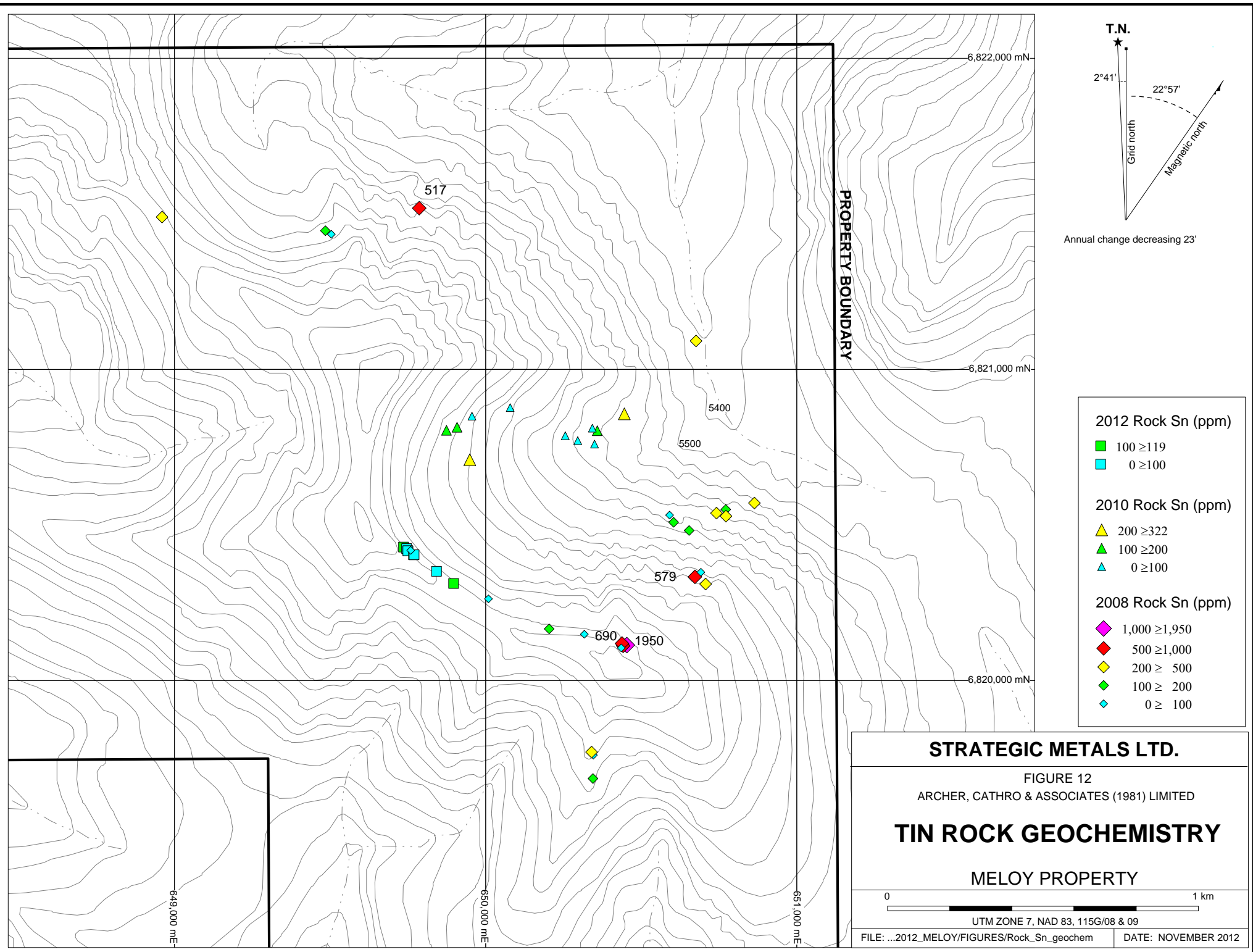
FIGURE 11  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**TUNGSTEN  
ROCK GEOCHEMISTRY  
MELOY PROPERTY**

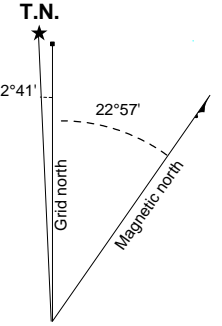
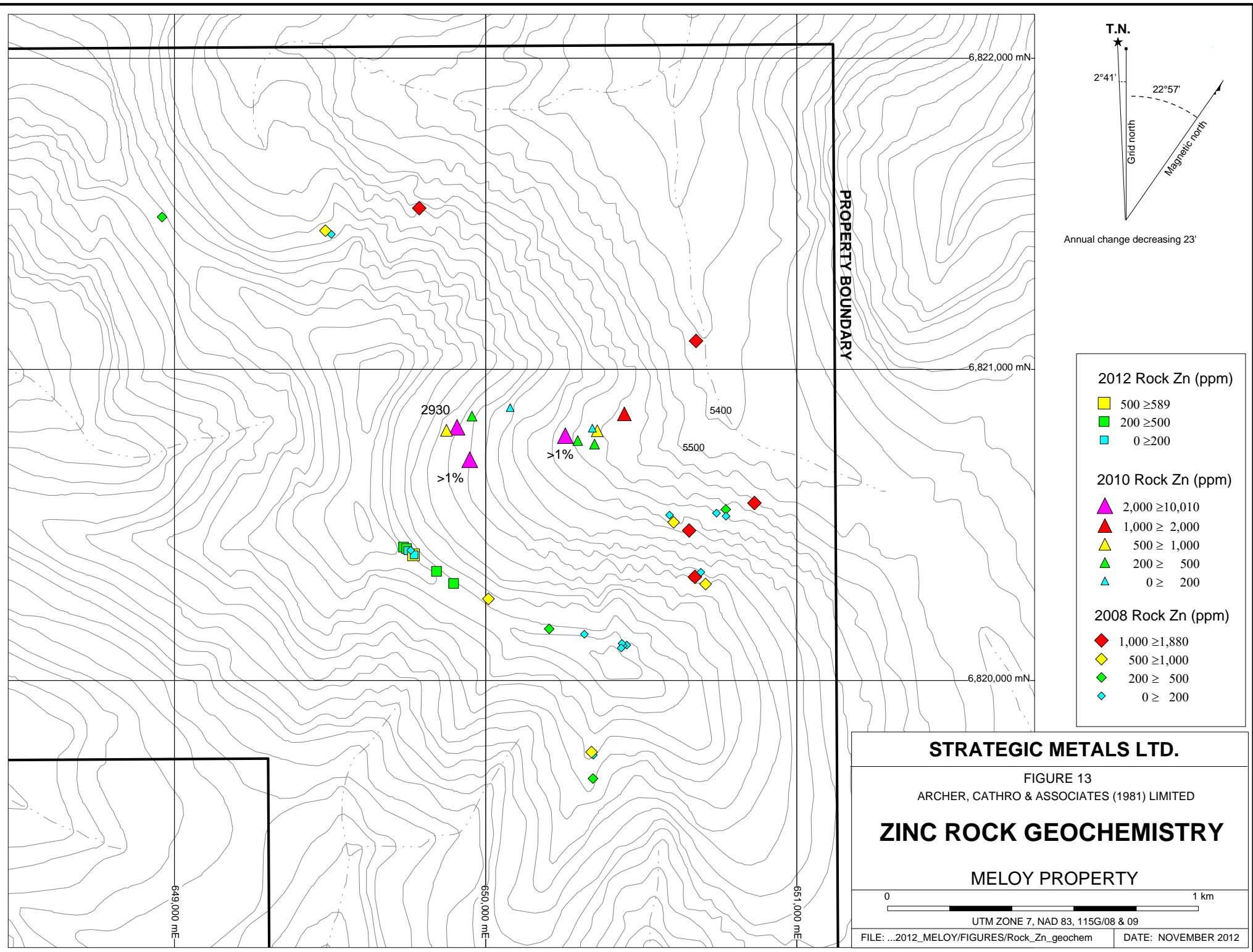
0 1 km

UTM ZONE 7, NAD 83, 115G/08 & 09

FILE: ...2012\_MELOY/FIGURES/Rock\_W\_geochem      DATE: NOVEMBER 2012



Annual change decreasing 23'



Annual change decreasing 23'

**2012 Rock Zn (ppm)**

- 500 ≥ 589
- 200 ≥ 500
- 0 ≥ 200

**2010 Rock Zn (ppm)**

- 2,000 ≥ 10,010
- 1,000 ≥ 2,000
- 500 ≥ 1,000
- 200 ≥ 500
- 0 ≥ 200

**2008 Rock Zn (ppm)**

- 1,000 ≥ 1,880
- 500 ≥ 1,000
- 200 ≥ 500
- 0 ≥ 200

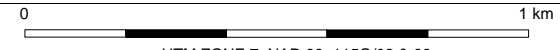
PROPERTY BOUNDARY

**STRATEGIC METALS LTD.**

FIGURE 13  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**ZINC ROCK GEOCHEMISTRY**

MELOY PROPERTY



UTM ZONE 7, NAD 83, 115G/08 & 09

**Table III-Anomalous Rock Thresholds**

<b>Element</b>	<b>Weak (ppm)</b>		<b>Moderate (ppm)</b>		<b>Strong (ppm)</b>	<b>Peak* (ppm)</b>
Copper	>200	≤500	>500	≤1000	>1000	48,900
Gold	>0.2	≤0.5	>0.5	≤1.0	>1.0	1.06
Silver	>5	≤10	>10	≤20	>20	138
Molybdenum	>50	≤100	>100	≤500	>500	14,700
Tungsten	>100	≤200	>200	≤500	>500	35,100
Tin	>100	≤200	>200	≤500	>500	1950
Zinc	>500	≤1000	>1000	≤2000	>2000	10010

\* Overlimit analyses for copper and zinc were performed in 2008 and 2012 only.

### **Main Ridge**

The geochemical signature of samples taken along the main ridge is notably enriched in copper, silver, molybdenum and tungsten. These samples returned background to strongly anomalous values for copper (up to 4.89%), silver (up to 138 ppm), molybdenum (up to 1.465%), tungsten (up to 3.51%) and tin (up to 1950 ppm). Gold values were background to moderately anomalous (0.73 g/t), while zinc values were background to weakly anomalous.

### **Main Cirque**

Rock samples from the Main Cirque often contain high levels of copper, gold, silver, molybdenum, tungsten and zinc. Values for these elements ranged from background to strongly anomalous with peak values of 1.63% copper and greater than 1% for molybdenum and zinc. Peak values for other elements are 1.06 g/t gold, 110 ppm silver and 9770 ppm tungsten. Tin values were typically background to moderately anomalous with one strongly anomalous value (579 ppm).

### **Other areas**

Four samples collected from the northern part of the property returned varied results including: moderately to strongly anomalous values for copper (up to 1.41%) and silver (up to 31 ppm); background to strongly anomalous values for tin (up to 517 ppm); background to moderately anomalous values for gold, molybdenum and zinc; and, background values for tungsten.

Samples collected south of the main ridge returned background to moderately anomalous values for copper, molybdenum, tin and zinc, and strongly anomalous values for gold (up to 0.832 ppm), silver (up to 26 ppm) and tungsten (up to 7320 ppm).

## **SOIL GEOCHEMISTRY**

A reconnaissance-scale stream sediment survey conducted in the 1980s by the GSC showed that samples taken from streams draining PR rocks in the Meloy area are often anomalous compared to regional backgrounds, using the 95<sup>th</sup> percentile to define anomalous (Friske *et al.*, 1986). Threshold values used to categorize anomalous soil samples from the Meloy property are set much higher than the regional thresholds, as shown in Table IV.

**Table IV-Anomalous Soil Thresholds**

<b>Element</b>	<b>Weak (ppm)</b>	<b>Moderate (ppm)</b>	<b>Strong (ppm)</b>	<b>Peak (ppm)</b>	<b>Regional 95<sup>TH</sup> Percentile (ppm) *</b>
Copper	>100 ≤200	>200 ≤500	>500	4520	118
Gold (ppm)	>20 ≤50	>50 ≤100	>100	673	31
Silver	>2 ≤5	>5 ≤10	>10	18.6	0.4
Molybdenum	>5 ≤10	>10 ≤50	>50	595	3
Tungsten	>10 ≤20	>20 ≤50	>50	266	16
Tin	>10 ≤25	>25 ≤50	>50	217	16
Zinc	>200 ≤500	>500 ≤1000	>1000	2090	298

\* Stream sediment samples (Friske *et al.*, 1986)

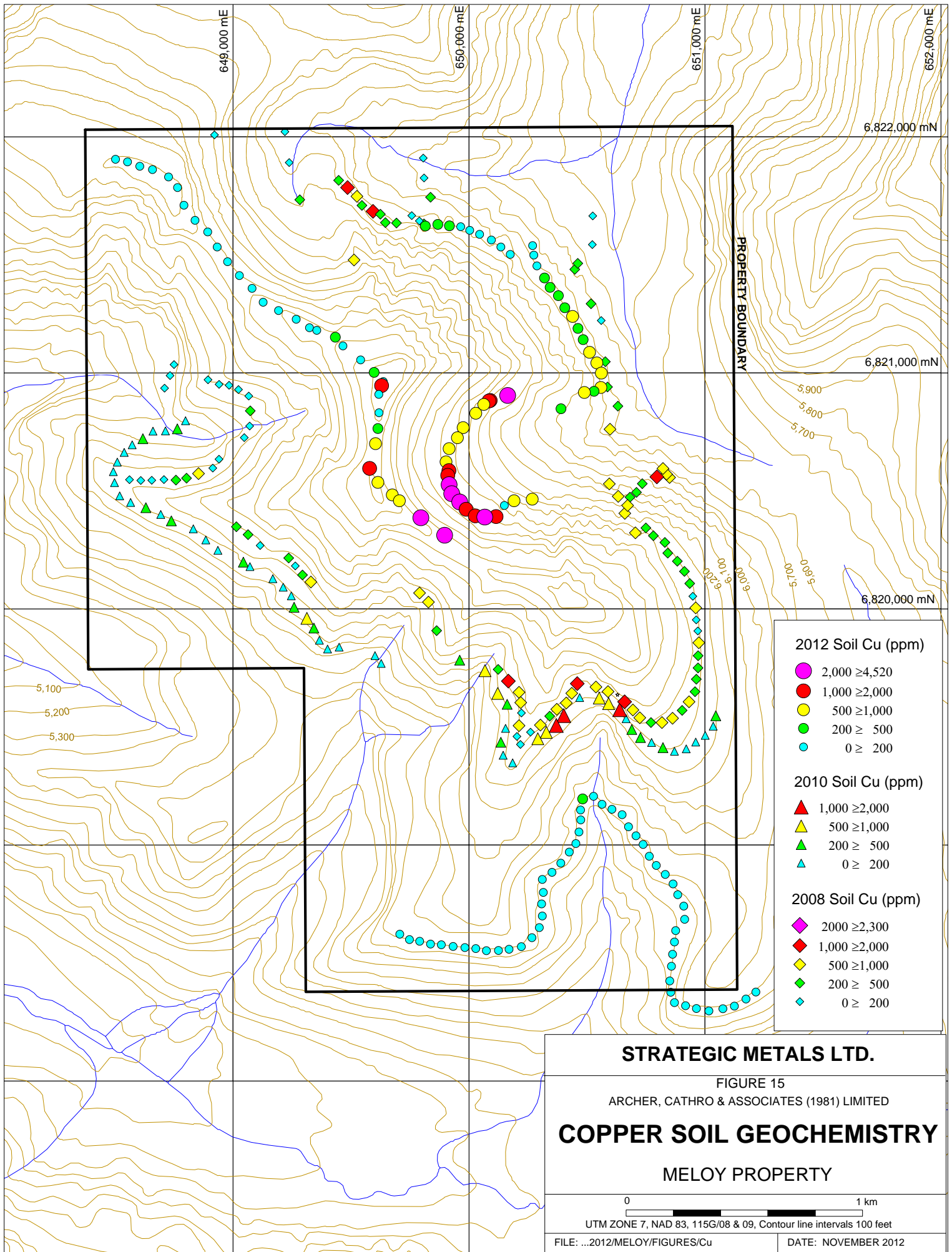
In 2012, 135 soil samples were taken along three separate lines – the first followed the crest of the main ridge; the second contoured grassy slopes in the southern part of the property; and, the third traversed talus covered areas in the Main Cirque and northern part of the property (Figure 14). Results for copper, gold, silver, molybdenum, tungsten, tin and zinc are plotted on Figures 15 to 21, respectively. Certificates of Analysis are in Appendix III.

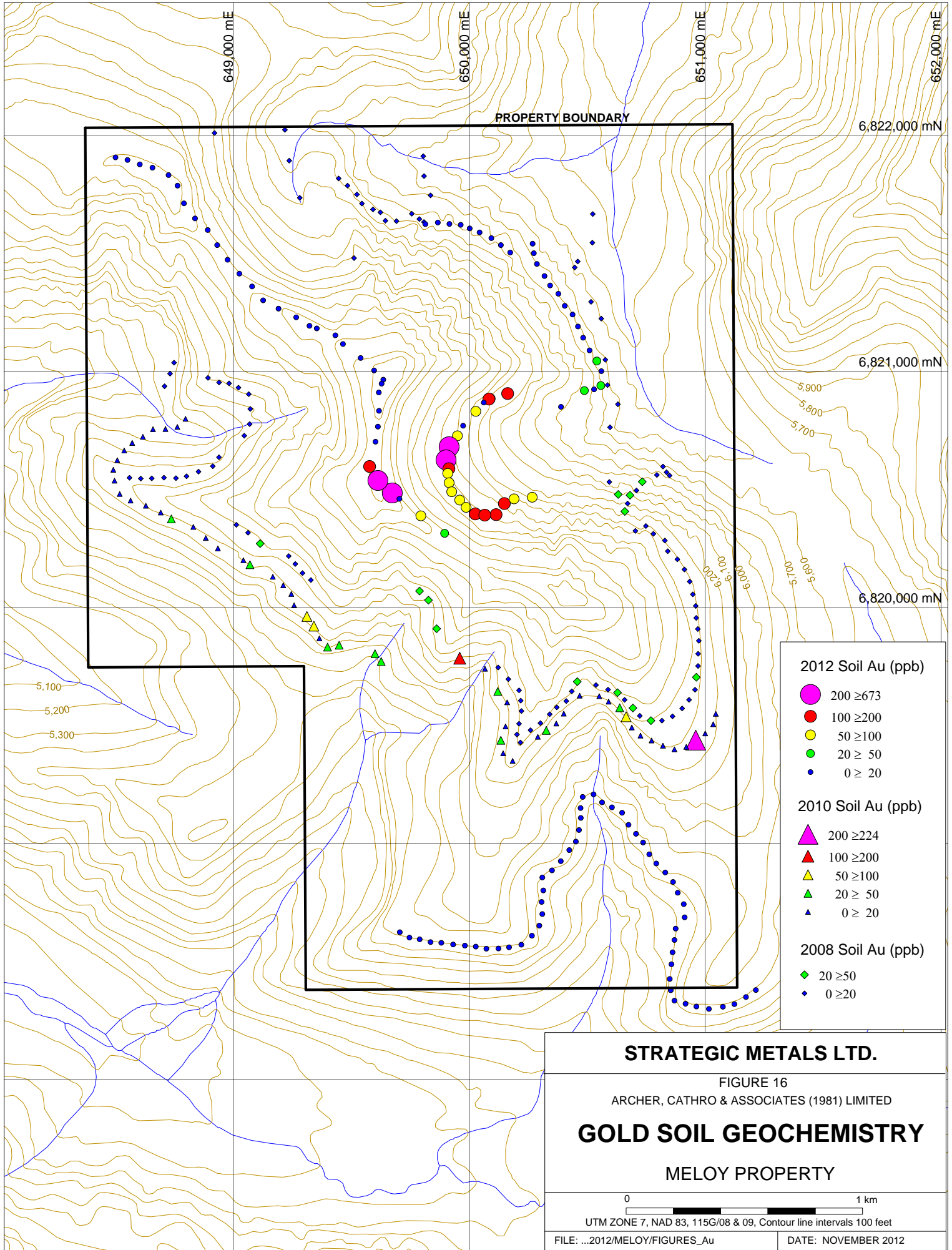
All soil sample locations were recorded using hand-held GPS units. Sample sites were marked by two pieces of flagging tape wrapped around rocks. Sample numbers were written in permanent ink on one piece of flagging. Soil samples were dug using a geotul and material was collected from as deep in the soil profile as ground conditions allowed, which was typically between 5 and 30 cm depth. Samples were placed into individually pre-numbered Kraft paper bags. The soil samples were sent to ALS Minerals in Whitehorse, where they were dried and screened to minus 180 microns, splits of the fine fraction were then sent to ALS Minerals in North Vancouver. One of the splits was dissolved using a four acid digestion and analyzed for 48 elements by ME-MS61, while the other was used to make a 50 g charge, which was analysed for gold by fire assay with inductively coupled plasma-atomic emissions spectroscopy finish (Au-AA24).

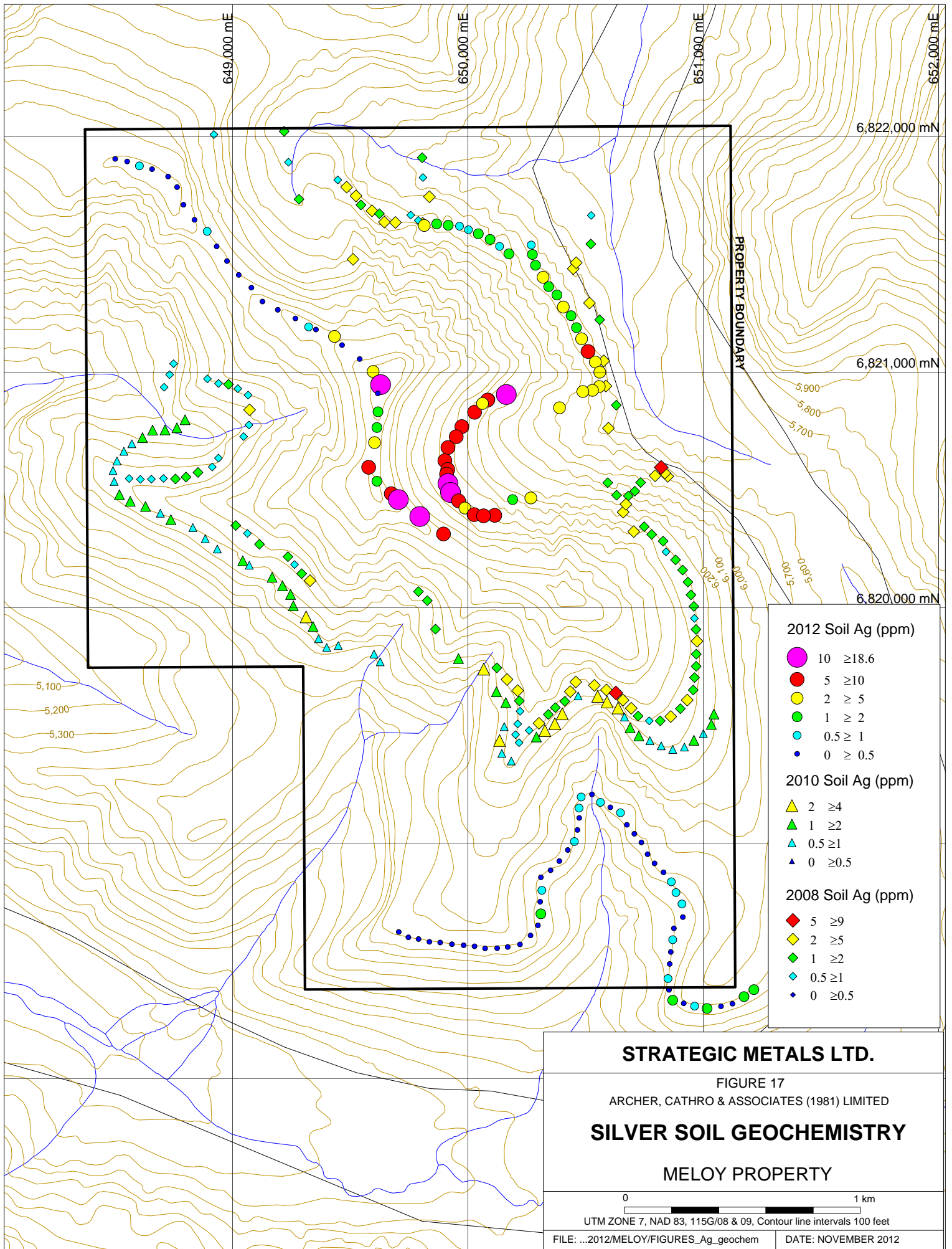
Significantly elevated soil values span a 2500 m diameter area covering much of the property. The most anomalous results are clustered in a 1000 m diameter core with strong to very strong copper, gold, silver and molybdenum, and moderate tungsten, tin and zinc values. The core area is centred on the Main Cirque. Peak values from this sampling include: 4520 ppm copper, 673 ppb gold, 18.6 ppm silver, 595 ppm molybdenum, 266 ppm tungsten, 217 ppm tin and 2090 ppm zinc.

A second cluster of coincident strongly to very strongly anomalous values for copper, gold, tungsten, tin and zinc has been identified in the southern part of the property, about one kilometre southeast of the Main Cirque. Peak values from this area include: 2300 ppm copper, 224 ppm gold, 129 ppm tungsten, 127 ppm tin and 2150 ppm zinc.









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FIGURE 17

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**SILVER SOIL GEOCHEMISTRY**

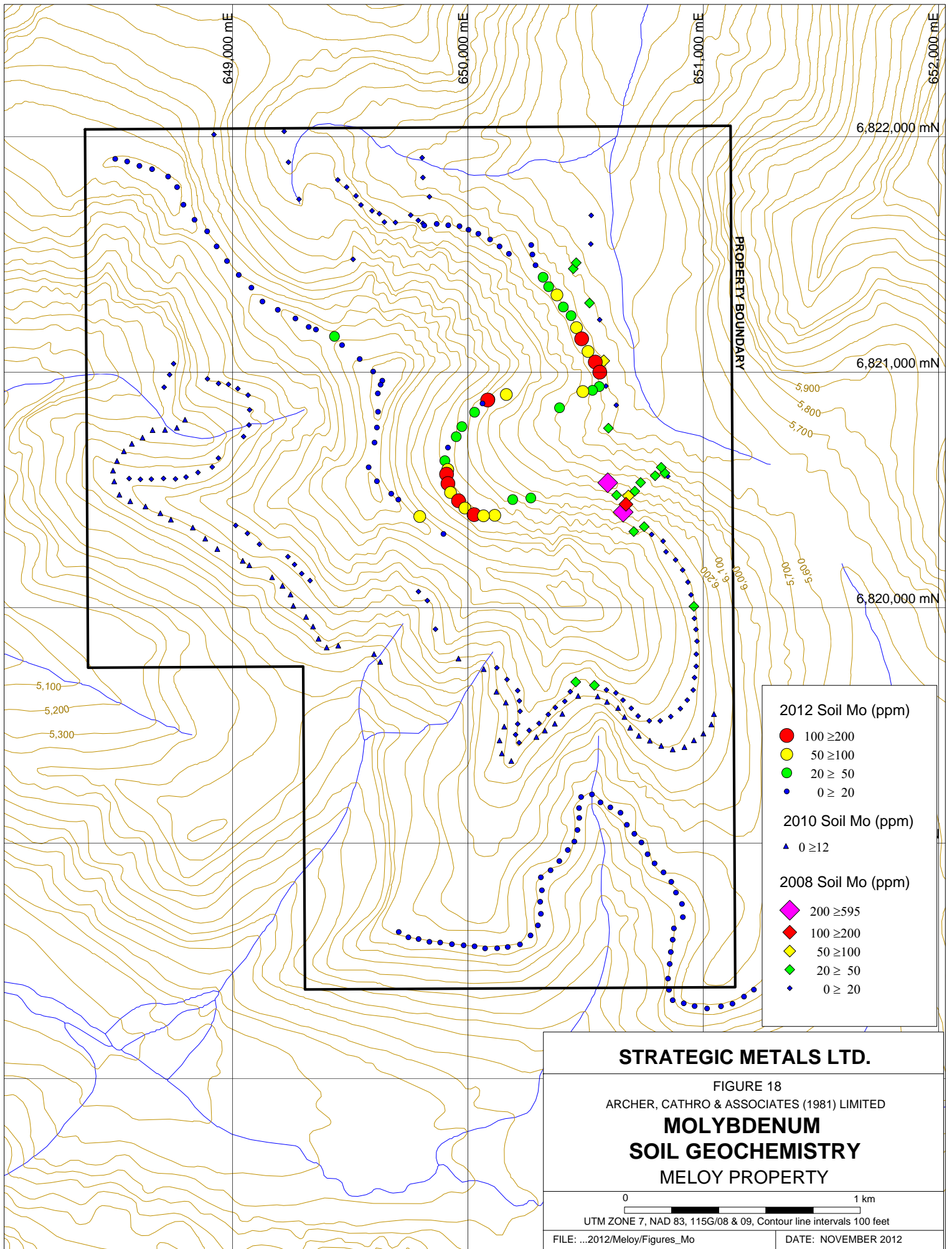
MELOY PROPERTY

0 1 km

UTM ZONE 7, NAD 83, 115G/08 & 09, Contour line intervals 100 feet

FILE: ...2012/MELOY/FIGURES\_Ag\_geochem

DATE: NOVEMBER 2012

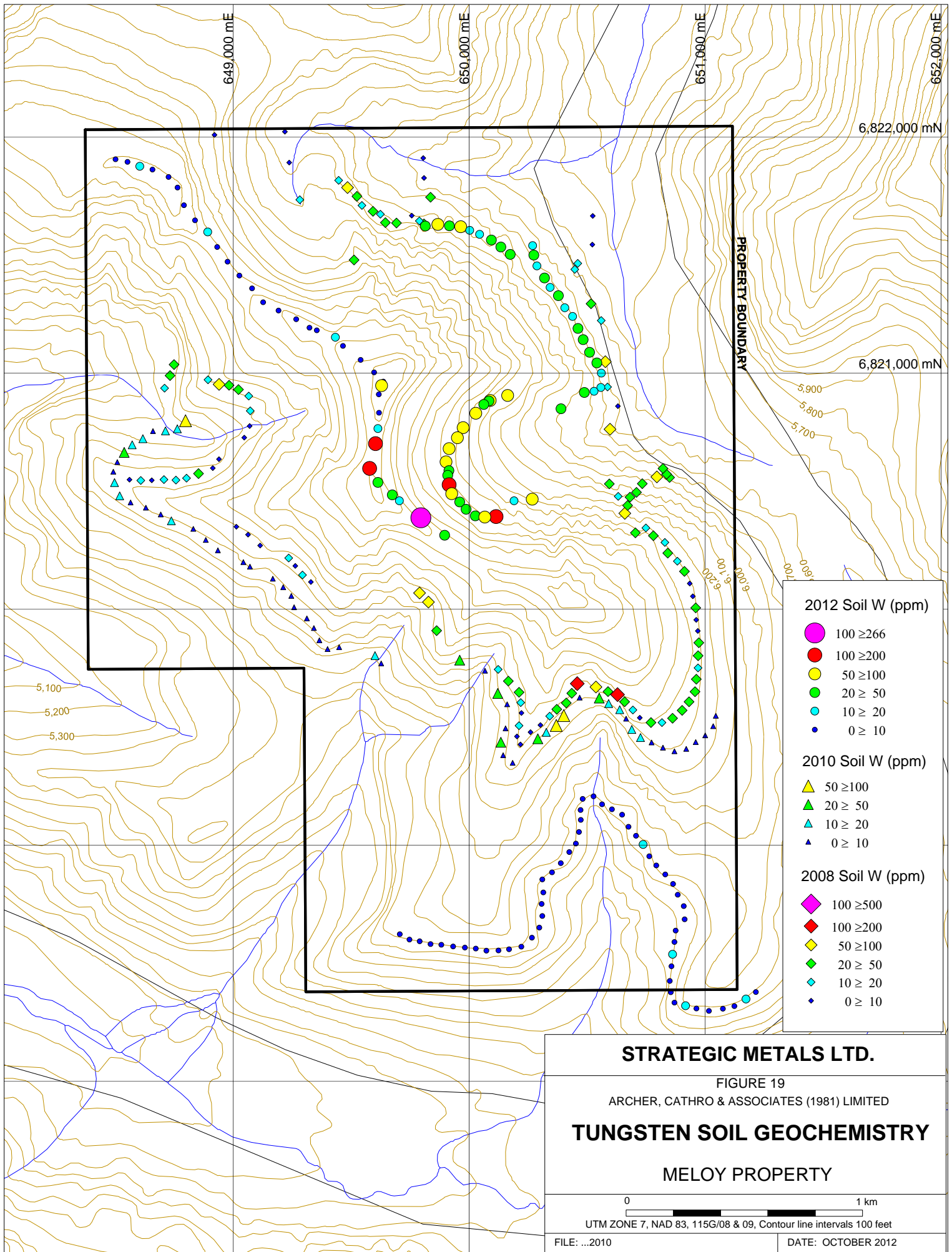


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FIGURE 18  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**MOLYBDENUM  
 SOIL GEOCHEMISTRY  
 MELOY PROPERTY**

0 1 km  
 UTM ZONE 7, NAD 83, 115G/08 & 09, Contour line intervals 100 feet



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FIGURE 19

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**TUNGSTEN SOIL GEOCHEMISTRY**

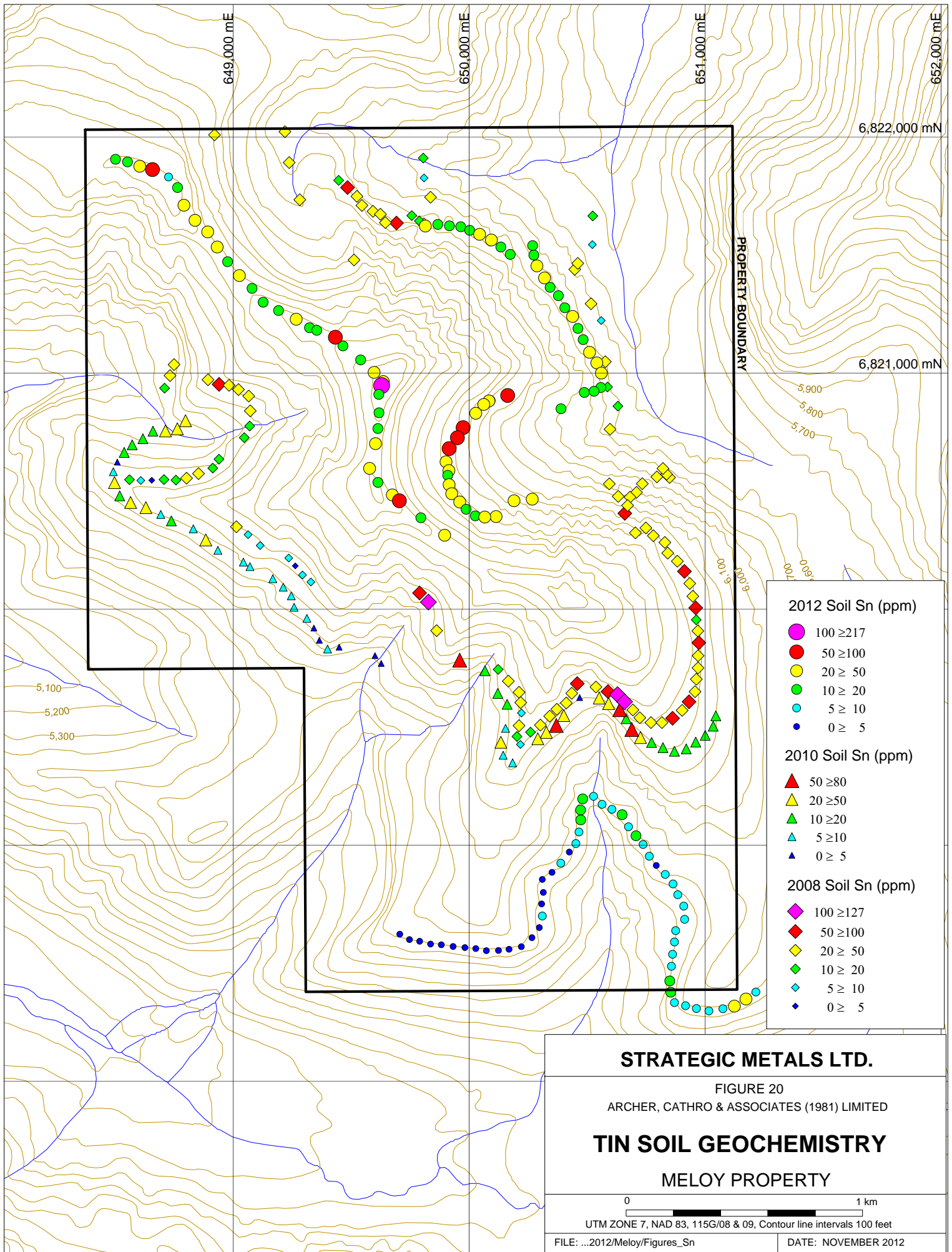
MELOY PROPERTY

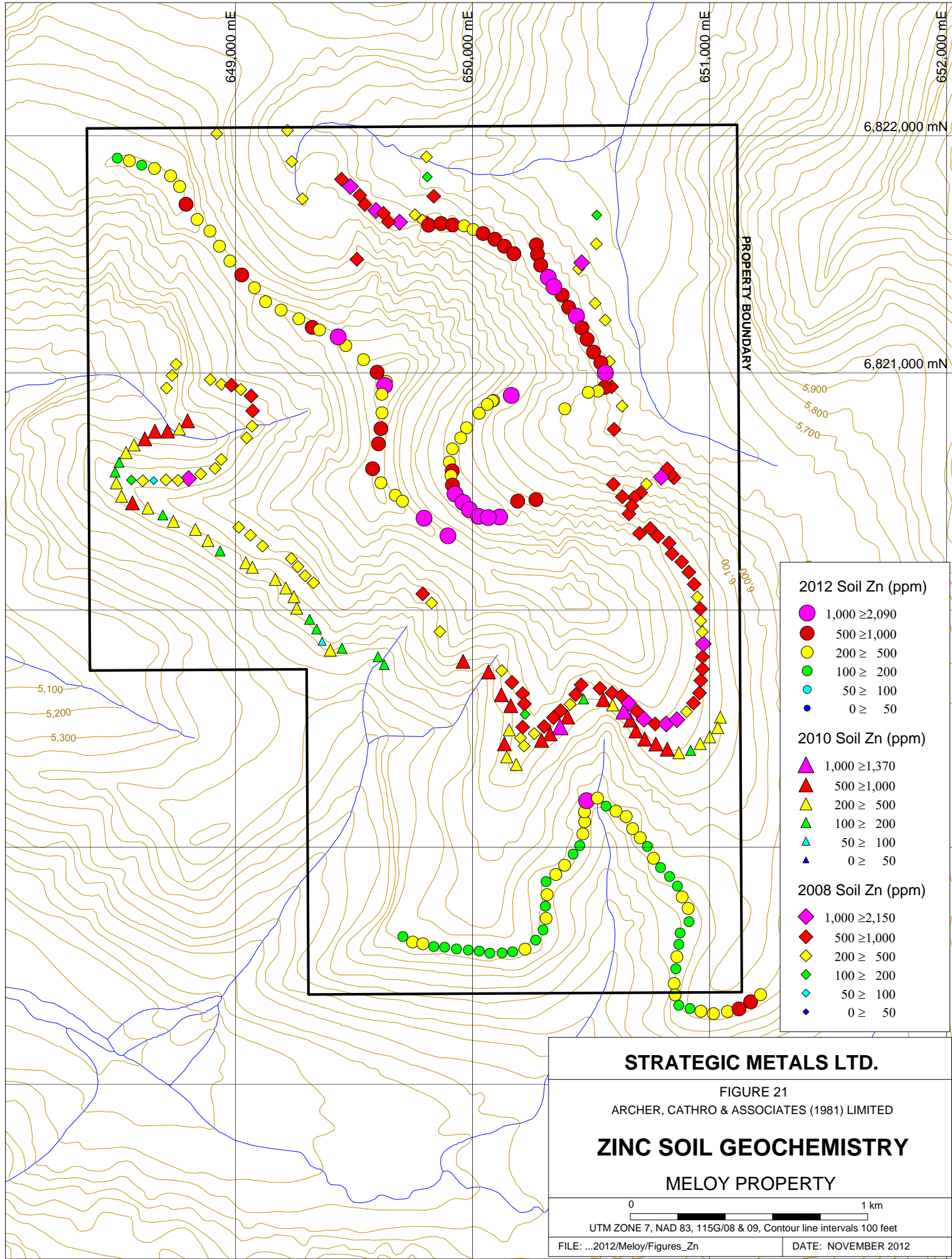
0 1 km

UTM ZONE 7, NAD 83, 115G/08 & 09, Contour line intervals 100 feet

FILE: ...2010

DATE: OCTOBER 2012





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FIGURE 21  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**ZINC SOIL GEOCHEMISTRY**  
 MELOY PROPERTY

0 1 km  
 UTM ZONE 7, NAD 83, 115G/08 & 09, Contour line intervals 100 feet  
 FILE: ...2012/Meloy/Figures\_Zn DATE: NOVEMBER 2012

Smaller clusters of anomalous results occur in the northern and western parts of the property. These clusters comprise samples with moderately elevated values for copper, zinc, tungsten and tin.

### **DISCUSSION AND CONCLUSIONS**

The Meloy property hosts a large, multi-element geochemical anomaly believed to be related to atypical porphyry-style mineralization. Strongly anomalous rock and soil values for copper, gold, silver, molybdenum, tungsten, tin and zinc values have been obtained from samples taken across the property. Sulphide and oxide minerals are hosted within fractures and quartz veins cutting intermediate composition intrusive rocks of the Ruby Range Suite. Mineralization is closely tied to a series of north-northeast-trending, steeply dipping linears, which are apparent along the main ridge but are mostly obscured by thick talus in other areas.

Future work on the Meloy property should consist of detailed geological mapping, soil sampling and diamond drilling. Soil sampling and mapping should be completed over as much of the property as the terrain permits. This work should be done from a series of fly camps.

The one historical drill hole (66.7 m) on the property was drilled in the Main Cirque; however, results were not reported from this hole. Once mineralized fracture and vein orientations are more tightly constrained, drill holes should be planned to test the best showings and strongest soil anomalies. These holes may require that drill pads be constructed on gentler south-facing slopes or that timber pads be built on steeper north-facing slopes.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED



Heather Burrell B.Sc., P.Geol.

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**APPENDIX I**  
**STATEMENT OF QUALIFICATIONS**

## STATEMENT OF QUALIFICATIONS

I, Heather Burrell (née Smith), geologist, with business addresses in Vancouver and Squamish, British Columbia and Whitehorse, Yukon Territory and residential address in Squamish, British Columbia, do hereby certify that:

1. I graduated from the University of British Columbia in 2006 with a B. Sc in Geological Sciences.
2. From 2004 to present, I have been actively engaged in mineral exploration in the Yukon Territory, British Columbia and Northwest Territories.
3. I am a Professional Geoscientist (P. Geo.) with the Association of Professional Engineers and Geoscientists of British Columbia (Member Number 34689).
4. I have personally participated in the fieldwork reported herein and have interpreted all data resulting from this work.



Heather Burrell, B.Sc., P.Geol.

**APPENDIX II**  
**ROCK SAMPLE DESCRIPTIONS**

Rock Sample Descriptions		Project: <u>Meloy</u>	Property: <u>Meloy</u>	Nad83	2012
Sample Number: G006041	Grid East: UTM: 649736 Elevation: m	E	Grid North: UTM: 6820429 N	Type: composite Sample Width:	Dimension: Abundance:
Comments: Rusty-purple weathering, coarse crystalline, grey quartz vein with trace to minor disseminated chalcopyrite. Rare, small limonite blebs. Minor yellow staining on fracture faces. Several small blocks in talus over 1 m width on knife edge ridge. Wall rocks are rusty alaskite. 5 piece composite sample. Likely orientation is strike- northeasterly, dip - 65 to northwest.					
Sample Number: G006042	Grid East: UTM: 649746 Elevation: m	E	Grid North: UTM: 6820424 N	Type: composite Sample Width:	Dimension: Abundance:
Comments: 30 cm wide zone of either strongly chlorite-altered alaskite with trace chalcopyrite and limonite or chlorite in coarse crystalline quartz vein with trace limonite/chalcopyrite. Cuts ridge northeasterly with 70 degree dip to northwest. 3 piece composite.					
Sample Number: G006043	Grid East: UTM: 649750 Elevation: m	E	Grid North: UTM: 6820417 N	Type: composite Sample Width:	Dimension: Abundance:
Comments: Starting almost immediately adjacent to G006042 is a pod? Of chalcedonic, greyish quartz vein with very strong molybdenite as rosettes up to 1.5 cm diameter. Q.V. comprises approximately 2% of rocks in area. 1 fragment of molybdenite-bearing quartz vein collected every metre across 8 m wide zone.					
Sample Number: G006044	Grid East: UTM: 649750 Elevation: m	E	Grid North: UTM: 6820417 N	Type: composite Sample Width:	Dimension: Abundance:
Comments: Randomly chosen, rusty-purple weathering alaskite with no to trace sulphides (chalcopyrite, etc?). From same pod as G006043. Untraceable due to cliff to north and steep talus slope to south. Strongly rusty weathering alaskite comprises about 10% of talus in pod. Rocks are highly fractured. 8 piece composite sample over 8 m.					
Sample Number: G006045	Grid East: UTM: 649768 Elevation: m	E	Grid North: UTM: 6820404 N	Type: composite Sample Width:	Dimension: Abundance:
Comments: Narrow (30 cm) wide zone of shattered alaskite with minor rusty-purple weathering, coarse crystalline quartz vein - trace bornite, chalcopyrite and molybdenum. 3 piece composite sample.					
Sample Number: G006046	Grid East: UTM: 649770 Elevation: m	E	Grid North: UTM: 6820404 N	Type: composite Sample Width:	Dimension: Abundance:
Comments: From G006045 along ridge (5 m wide zone) rocks comprise 2 to 5% chalcedonic quartz vein with molybdenite rosettes. 4 piece composite sample.					



**APPENDIX III**  
**CERTIFICATES OF ANALYSIS**



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**VANCOUVER BC V6B 1L8**

Page: 1  
 Finalized Date: 22- SEP- 2012  
 Account: MTT

**CERTIFICATE WH12207204**

Project: Meloy  
 P.O. No.:  
 This report is for 8 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4- SEP- 2012.  
 The following have access to data associated with this certificate:  
 SARAH EATON                      JOAN MARIACHER

<b>SAMPLE PREPARATION</b>	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/ o BarCode
CRU- 31	Fine crushing - 70%<2mm
SPL- 21	Split sample - riffle splitter
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85%< 75 um

<b>ANALYTICAL PROCEDURES</b>		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- MS61	48 element four acid ICP- MS	
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
Cu- OG62	Ore Grade Cu - Four Acid	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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 Account: MTT

Project: Meloy

**CERTIFICATE OF ANALYSIS WH12207204**

Sample Description	Method Analyte Units LOR	WEI- 21	Au- AA24	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
G006041		0.84	0.303	18.55	5.23	684	520	3.28	28.7	1.04	10.50	59.1	1.2	9	4.07	5780
G006042		0.54	0.024	9.98	5.70	31.9	480	2.89	4.39	0.17	0.71	83.2	0.5	7	4.12	815
G006043		1.11	0.041	0.75	0.68	3.1	90	0.29	3.30	0.04	<0.5	16.60	0.2	12	0.57	45.2
G006044		0.94	0.009	0.95	6.28	2.0	850	2.82	3.57	0.45	1.73	66.9	1.0	10	3.59	266
G006045		0.47	0.023	2.15	5.92	3.2	610	2.85	8.43	0.25	16.30	84.7	1.0	10	4.44	874
G006046		0.63	0.216	0.69	1.14	1.7	160	0.55	31.2	0.04	<0.5	10.40	0.2	20	0.81	47.4
G006047		0.47	0.018	7.29	8.50	4.2	1340	3.13	2.29	4.91	2.33	80.6	22.1	122	21.4	6510
G006048		0.38	0.057	18.70	6.18	18.9	640	3.99	19.10	0.73	2.30	64.5	1.4	5	8.09	>10000



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 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 22- SEP- 2012  
 Account: MTT

Project: Meloy

**CERTIFICATE OF ANALYSIS WH12207204**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
G006041		2.29	21.3	0.21	1.6	3.61	2.98	27.8	81.3	0.10	257	9.10	0.81	16.5	1.3	150
G006042		3.15	25.6	0.27	1.7	3.66	2.73	40.2	64.6	0.09	391	49.7	0.09	16.2	0.9	110
G006043		0.58	2.52	0.13	0.5	0.068	0.49	7.6	14.1	0.02	62	>10000	0.16	6.3	0.4	30
G006044		1.82	22.8	0.21	1.9	0.199	4.14	31.4	48.5	0.09	168	53.7	2.06	19.2	0.9	160
G006045		1.83	20.9	0.24	1.8	0.617	3.76	40.6	57.0	0.10	224	269	0.92	20.2	0.5	190
G006046		0.52	3.41	0.10	0.3	0.157	0.81	4.9	15.7	0.01	56	2120	0.21	3.5	1.0	30
G006047		7.08	22.5	0.26	1.4	0.254	2.59	38.1	35.4	3.43	1200	14.55	1.62	21.4	56.1	2510
G006048		2.77	25.7	0.24	1.5	5.87	3.24	31.2	143.5	0.14	288	10.20	0.60	16.2	0.9	150



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 Finalized Date: 22- SEP- 2012  
 Account: MTT

Project: Meloy

**CERTIFICATE OF ANALYSIS WH12207204**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Pb ppm	Pb ppm	Fe ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
G006041		14.6	203	0.002	0.95	0.21	2.9	5	118.5	26.3	1.08	0.57	10.4	0.096	2.34	2.8
G006042		15.9	230	<0.002	0.06	0.16	2.7	2	67.2	10.7	1.09	0.18	11.5	0.092	3.19	2.9
G006043		11.9	28.8	<0.002	1.03	0.05	0.5	13	3.6	8.9	0.31	5.06	3.2	0.019	0.34	1.5
G006044		29.2	199.0	<0.002	0.42	0.06	2.6	2	18.7	85.2	1.34	0.20	13.1	0.111	2.27	2.8
G006045		46.9	240	<0.002	0.38	0.05	3.3	2	102.0	44.1	1.27	0.38	13.7	0.113	2.94	4.3
G006046		11.0	46.7	0.002	0.13	0.06	0.6	3	6.4	13.3	0.22	3.04	2.2	0.022	0.64	0.9
G006047		5.8	223	<0.002	0.28	0.06	25.0	3	21.9	594	1.16	0.12	4.0	0.999	3.83	1.1
G006048		16.5	253	<0.002	0.43	0.14	2.7	6	103.5	39.6	1.09	0.92	12.6	0.100	3.18	2.8

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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 Account: MTT

Project: Meloy

**CERTIFICATE OF ANALYSIS WH12207204**

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm	ME- MS61 W ppm	ME- MS61 Y ppm	ME- MS61 Zn ppm	ME- MS61 Zr ppm	Cu- OG62 Cu %
		1	0.1	0.1	2	0.5	0.001
G006041		6	341	13.8	460	31.7	
G006042		6	57.8	19.6	255	34.7	
G006043		<1	8.3	4.5	14	9.3	
G006044		6	8.3	13.7	106	39.0	
G006045		7	14.4	14.2	589	37.7	
G006046		2	8.0	3.5	42	5.7	
G006047		152	29.6	32.8	352	41.6	
G006048		6	35.2	11.9	200	30.6	1.040

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 22- SEP- 2012  
Account: MTT

Project: Meloy

**CERTIFICATE OF ANALYSIS WH12207204**

Method	CERTIFICATE COMMENTS
ME- MS61 ME- MS61	Interference: Mo> 400ppm on ICP- MS Cd,ICP- AES results shown. REE's may not be totally soluble in this method.



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Page: 1  
 Finalized Date: 26- SEP- 2012  
 Account: MTT

**CERTIFICATE WH12225480**

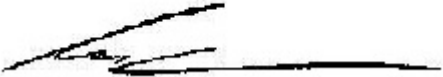
Project: Meloy  
 P.O. No.:  
 This report is for 1 Rock sample submitted to our lab in Whitehorse, YT, Canada on 24- SEP- 2012.  
 The following have access to data associated with this certificate:  
 SARAH EATON                      JOAN MARIACHER

<b>SAMPLE PREPARATION</b>	
ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

<b>ANALYTICAL PROCEDURES</b>		
ALS CODE	DESCRIPTION	INSTRUMENT
Mo- OG62	Ore Grade Mo - Four Acid	VARIABLE
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: **STRATEGIC METALS LTD.**  
**ATTN: JOAN MARIACHER**  
**C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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**VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
Total # Pages: 2 (A)  
Finalized Date: 26- SEP- 2012  
Account: MTT

Project: Meloy

**CERTIFICATE OF ANALYSIS WH12225480**

Sample Description	Method Analyte Units LOR	Mo- OG62 Mo % 0.001
G006043		1.465



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **STRATEGIC METALS LTD.**  
**C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016- 510 W HASTINGS ST**  
**VANCOUVER BC V6B 1L8**

Page: 1  
 Finalized Date: 23- SEP- 2012  
 Account: MTT

**CERTIFICATE WH12207205**

Project: Meloy  
 P.O. No.:  
 This report is for 135 Soil samples submitted to our lab in Whitehorse, YT, Canada on 4- SEP- 2012.  
 The following have access to data associated with this certificate:

SARAH EATON	JOAN MARIACHER	HEATHER SMITH
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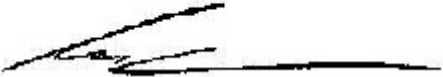
<b>SAMPLE PREPARATION</b>	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/ o BarCode
SCR- 41	Screen to - 180um and save both

<b>ANALYTICAL PROCEDURES</b>	
ALS CODE	DESCRIPTION
ME- MS61	48 element four acid ICP- MS
Au- AA24	Au 50g FA AA finish <span style="float: right;">AAS</span>

To: **STRATEGIC METALS LTD.**  
**ATTN: JOAN MARIACHER**  
**C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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 Plus Appendix Pages  
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Project: Meloy

**CERTIFICATE OF ANALYSIS WH12207205**

Sample Description	Method	WEI- 21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
Units	LOR	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
ZZ33821		0.33	0.17	7.61	6.2	340	4.00	0.64	1.20	0.66	156.5	9.6	31	6.98	25.2	4.42
ZZ33822		0.30	0.16	7.10	6.6	340	4.34	0.57	1.58	0.64	279	10.3	32	9.53	24.5	5.08
ZZ33823		0.18	0.98	6.72	2.2	580	3.92	2.21	2.42	0.66	80.5	12.5	40	33.1	10.8	3.60
ZZ33824		0.26	0.23	7.37	1.5	390	4.95	0.77	1.72	0.99	163.5	9.8	30	20.2	19.9	4.82
ZZ33825		0.32	0.16	6.16	5.0	280	3.13	0.78	1.93	0.52	228	12.3	23	6.20	29.4	4.90
ZZ33826		0.25	0.11	6.11	4.7	240	3.87	0.86	0.80	0.59	188.5	5.2	15	8.18	23.6	2.99
ZZ33827		0.24	0.35	6.45	5.2	280	4.90	1.15	1.35	1.27	>500	6.5	25	19.90	25.4	7.57
ZZ33828		0.22	0.45	6.60	5.7	310	4.64	1.39	1.50	3.01	343	8.4	43	15.75	45.8	5.68
ZZ33829		0.22	0.72	7.08	6.4	490	6.27	2.91	1.92	1.48	218	10.4	53	17.85	31.1	5.84
ZZ33830		0.24	0.38	7.20	8.2	440	4.89	1.42	1.74	2.25	215	11.2	57	12.30	45.2	5.33
ZZ33831		0.21	0.12	6.86	7.8	440	4.30	0.90	1.87	3.16	242	10.6	62	14.00	33.9	5.67
ZZ33832		0.23	0.18	7.35	6.1	390	9.01	1.37	1.62	7.58	382	8.1	36	20.2	37.9	6.22
ZZ33833		0.24	0.33	7.39	9.6	530	7.53	2.72	1.64	1.68	229	11.5	46	13.95	68.6	6.21
ZZ33834		0.28	0.22	7.22	10.9	520	9.63	2.82	1.60	1.64	219	12.5	46	15.65	54.6	6.57
ZZ33835		0.24	0.16	7.05	3.8	430	4.67	1.61	1.09	0.86	282	3.8	9	8.70	30.0	3.66
ZZ33836		0.28	0.16	6.70	8.7	430	5.62	0.99	1.03	1.36	182.0	4.9	13	7.23	30.3	3.69
ZZ33837		0.30	0.57	7.35	81.8	500	4.47	2.56	1.38	3.80	162.0	10.3	31	8.41	175.5	4.61
ZZ33838		0.27	0.24	6.88	6.7	370	4.78	0.48	0.83	2.11	159.0	2.4	6	6.81	19.8	2.75
ZZ33839		0.26	4.11	7.00	14.2	470	10.35	22.5	4.63	4.98	89.8	14.4	60	22.7	337	4.70
ZZ33840		0.30	0.20	7.06	9.1	400	4.75	1.52	0.88	1.79	154.0	3.4	9	8.08	19.4	3.04
ZZ33841		0.26	0.32	6.52	5.3	420	3.72	1.03	1.02	1.10	179.5	4.6	12	8.73	50.4	4.13
ZZ33842		0.23	2.19	7.65	9.6	580	10.30	7.44	0.67	3.24	179.0	4.8	16	17.70	225	3.18
ZZ33843		0.28	0.62	7.11	8.8	410	6.01	3.72	1.28	1.43	244	5.3	17	11.70	72.3	5.74
ZZ33844		0.21	10.20	6.62	29.3	220	15.90	62.4	1.14	1.98	353	6.3	14	84.0	1410	10.15
ZZ33845		0.21	0.45	6.47	7.1	400	5.36	1.59	1.09	1.89	229	4.3	11	14.00	54.3	5.27
ZZ33846		0.26	1.10	7.09	24.0	510	4.03	4.05	1.66	1.42	185.0	7.9	15	9.58	158.0	5.68
ZZ33847		0.24	1.35	7.18	82.2	500	4.31	7.44	2.06	2.65	238	12.1	25	14.55	224	6.77
ZZ33848		0.23	4.01	6.22	170.0	470	4.52	16.40	1.06	2.42	324	8.1	30	9.71	645	9.98
ZZ33849		0.25	8.66	6.97	1215	530	4.60	58.4	1.25	10.75	255	11.0	60	12.40	1350	8.47
ZZ33850		0.25	1.44	7.33	103.0	590	2.22	19.05	1.89	2.38	118.0	11.5	67	3.18	710	5.03
ZZ33039		0.37	5.01	5.49	117.0	480	2.43	70.2	0.88	1.21	165.0	6.8	42	7.20	964	16.30
ZZ33040		0.24	10.00	7.28	328	620	3.23	11.55	0.58	0.92	167.0	4.4	30	7.80	906	10.30
ZZ33041		0.30	12.70	7.47	406	550	8.59	25.1	0.77	34.4	263	50.0	25	7.90	3640	10.65
ZZ33042		0.27	5.67	7.94	58.6	780	5.72	17.40	1.87	2.91	51.8	11.7	143	44.8	2110	8.06
ZZ33547		0.26	0.22	7.38	14.6	670	2.61	0.34	1.60	0.49	107.5	11.8	66	6.54	27.8	4.63
ZZ33548		0.30	0.15	7.20	17.2	690	3.33	0.28	1.51	0.71	112.5	11.5	67	8.51	23.0	4.23
ZZ33549		0.32	0.12	8.08	22.4	750	3.92	0.16	1.54	0.93	140.0	9.5	47	13.60	16.8	4.00
ZZ33550		0.31	0.11	7.16	17.8	680	2.14	0.28	1.53	0.34	78.9	12.0	72	8.67	26.6	4.29
ZZ33551		0.34	0.12	6.69	52.0	670	1.64	0.43	1.36	0.30	53.5	13.3	84	4.94	30.6	4.82
ZZ33552		0.33	0.30	8.08	228	830	2.82	0.31	1.64	0.51	116.5	10.7	63	12.40	21.3	4.70



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 Plus Appendix Pages  
 Finalized Date: 23- SEP- 2012  
 Account: MTT

Project: Meloy

**CERTIFICATE OF ANALYSIS WH12207205**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
ZZ33821		28.1	0.27	4.7	0.387	1.97	68.6	21.1	0.63	876	2.26	3.31	38.5	18.0	540	27.0
ZZ33822		29.3	0.39	7.7	0.280	1.82	118.0	31.0	0.79	851	3.16	2.61	64.4	18.9	560	23.1
ZZ33823		23.3	0.20	2.9	0.157	1.91	33.7	103.0	1.20	813	0.44	1.03	19.7	14.1	2810	57.3
ZZ33824		28.8	0.31	6.7	0.317	2.02	64.8	87.8	1.18	840	1.44	2.46	49.3	9.7	730	17.7
ZZ33825		28.2	0.36	6.6	0.218	1.47	94.0	27.5	0.85	823	2.61	2.51	43.8	15.2	600	21.4
ZZ33826		25.5	0.30	8.3	0.177	2.48	77.1	23.7	0.37	607	2.33	2.29	56.0	9.7	330	23.2
ZZ33827		37.2	0.65	14.7	0.542	1.68	226	47.1	0.57	1360	5.22	2.40	151.5	12.2	600	34.7
ZZ33828		32.6	0.55	16.9	0.495	1.53	134.0	40.3	0.71	1110	4.34	2.54	149.0	17.6	520	40.8
ZZ33829		28.9	0.33	20.9	0.356	1.48	87.3	67.5	0.95	1380	2.13	2.51	85.4	18.7	780	78.7
ZZ33830		27.6	0.36	12.9	0.379	1.46	85.8	42.0	0.98	1160	3.13	2.35	54.6	23.7	820	36.8
ZZ33831		25.0	0.38	16.5	0.352	1.44	97.8	51.5	0.98	1220	4.72	2.27	63.2	26.3	670	31.9
ZZ33832		31.5	0.58	17.6	0.436	1.63	165.5	66.5	0.73	1420	4.73	2.70	75.5	16.7	570	44.2
ZZ33833		29.1	0.38	11.5	0.425	1.64	93.3	73.5	0.94	1460	6.07	2.41	87.5	23.4	930	59.6
ZZ33834		29.7	0.40	11.1	0.360	1.63	96.6	70.7	0.98	1570	6.83	2.25	74.5	26.3	960	73.9
ZZ33835		28.0	0.39	5.8	0.226	2.17	128.5	37.6	0.32	745	5.09	3.14	54.9	7.0	490	30.4
ZZ33836		26.1	0.35	4.2	0.270	2.00	77.9	32.2	0.32	813	2.67	2.94	54.7	10.1	550	41.7
ZZ33837		26.2	0.28	6.3	0.475	1.87	64.4	43.8	0.74	938	2.75	2.65	51.9	19.2	840	31.9
ZZ33838		25.4	0.34	6.5	0.178	2.17	72.0	32.3	0.19	627	1.14	3.26	52.2	4.7	390	22.5
ZZ33839		23.6	0.23	1.5	1.015	3.07	32.3	176.0	1.48	1480	26.2	1.89	14.8	17.5	750	168.0
ZZ33840		26.6	0.29	7.3	0.258	2.24	66.8	38.8	0.24	751	1.29	3.17	41.4	6.5	460	25.7
ZZ33841		26.4	0.32	7.8	0.257	2.13	78.6	41.6	0.36	862	3.34	2.67	58.8	8.2	490	27.2
ZZ33842		25.1	0.33	7.4	0.387	2.82	72.8	24.4	0.25	1180	2.66	3.58	65.5	9.2	450	142.0
ZZ33843		31.8	0.48	12.9	0.534	2.22	104.0	47.5	0.43	1220	4.55	2.84	103.0	8.4	790	199.5
ZZ33844		28.2	0.53	14.4	1.655	0.90	147.5	8.8	0.31	3000	4.54	2.82	149.0	6.8	490	3290
ZZ33845		28.6	0.44	8.3	0.328	2.31	108.0	47.5	0.38	1140	3.23	2.56	69.4	6.4	580	38.6
ZZ33846		26.7	0.37	4.4	0.597	2.02	80.5	41.4	0.62	1060	4.36	2.57	52.8	10.0	780	55.7
ZZ33847		29.2	0.45	8.8	0.605	1.79	106.5	48.4	1.01	1210	4.37	2.26	65.4	15.1	1060	81.3
ZZ33848		24.9	0.58	10.8	1.995	2.15	155.5	35.9	0.61	751	8.45	1.69	52.5	12.5	820	275
ZZ33849		21.6	0.42	5.6	4.99	1.96	119.5	48.9	1.04	798	11.55	1.65	31.5	19.9	1380	459
ZZ33850		19.20	0.27	3.9	0.555	1.55	57.7	23.6	1.04	614	15.90	2.06	19.1	27.0	1020	81.9
ZZ33039		22.0	0.33	4.7	5.09	1.90	86.4	32.6	0.58	466	11.50	1.27	26.4	14.5	1070	159.0
ZZ33040		25.4	0.33	2.3	3.64	2.73	81.2	47.6	0.47	434	15.95	1.24	22.6	12.6	970	267
ZZ33041		22.3	0.39	2.7	1.000	1.87	107.0	39.8	0.45	4180	96.2	1.18	24.1	10.6	770	54.4
ZZ33042		20.9	0.20	2.1	0.533	3.07	23.9	234	2.38	1220	16.10	0.17	11.3	46.4	1610	239
ZZ33547		20.3	0.22	1.9	0.118	1.27	40.0	82.1	1.04	899	2.09	1.85	17.1	26.9	950	15.0
ZZ33548		19.45	0.18	2.1	0.113	1.22	46.7	57.3	0.98	789	1.46	2.07	15.2	27.4	720	21.8
ZZ33549		24.1	0.17	1.6	0.115	1.73	44.5	80.1	0.88	821	1.18	1.89	17.6	21.0	450	25.0
ZZ33550		18.95	0.15	2.5	0.092	1.34	34.7	51.2	1.05	758	2.33	1.74	14.0	28.5	980	15.9
ZZ33551		19.80	0.12	2.3	0.080	1.25	20.9	43.0	1.12	742	3.92	1.50	12.8	34.0	680	18.3
ZZ33552		22.4	0.16	1.8	0.118	1.71	39.6	89.9	1.04	847	2.02	2.01	18.5	24.7	710	21.2

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Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
ZZ33821		86.3	<0.002	0.02	0.70	8.2	3	13.2	181.5	2.64	<0.05	20.0	0.329	0.79	7.2	78
ZZ33822		100.0	0.002	0.03	0.58	10.8	4	10.2	243	3.81	<0.05	35.3	0.400	0.88	11.4	75
ZZ33823		154.5	<0.002	0.01	0.43	13.0	2	28.9	311	1.11	<0.05	9.0	0.678	1.94	4.3	83
ZZ33824		159.0	0.002	0.01	0.24	13.7	4	65.0	287	2.95	0.05	47.5	0.531	1.71	15.1	77
ZZ33825		58.2	<0.002	0.03	0.41	10.0	4	9.3	352	2.62	<0.05	24.6	0.419	0.70	7.8	93
ZZ33826		123.5	<0.002	0.02	0.38	6.1	3	11.5	106.5	3.28	<0.05	28.3	0.235	1.13	11.5	36
ZZ33827		154.0	0.004	0.02	0.43	11.0	6	24.5	157.0	9.03	0.06	68.3	0.521	1.65	23.6	48
ZZ33828		113.5	0.003	0.02	0.60	14.2	7	27.4	164.5	8.94	0.06	66.2	0.437	1.33	30.7	67
ZZ33829		139.0	0.002	0.02	0.66	18.5	5	23.3	218	6.29	0.07	84.7	0.555	1.53	30.1	89
ZZ33830		114.5	0.002	0.02	0.82	17.6	5	20.5	207	3.87	0.06	57.4	0.476	1.26	19.5	93
ZZ33831		108.5	0.002	0.02	0.75	15.5	5	18.9	216	4.21	0.05	98.9	0.510	1.23	22.9	91
ZZ33832		166.0	0.002	0.02	0.54	14.5	6	28.9	172.5	4.87	<0.05	88.9	0.507	1.63	21.4	62
ZZ33833		149.5	0.002	0.04	0.86	15.5	6	19.0	184.5	5.28	0.07	67.1	0.538	1.62	16.4	81
ZZ33834		173.0	0.003	0.04	0.92	15.0	6	16.9	186.5	4.51	0.09	51.5	0.553	1.54	15.2	84
ZZ33835		141.5	0.003	0.01	0.21	7.4	4	18.8	121.0	3.55	<0.05	47.6	0.295	1.45	9.1	24
ZZ33836		132.0	0.002	0.03	0.27	7.0	4	25.4	108.5	3.34	<0.05	37.9	0.281	1.43	8.3	25
ZZ33837		125.0	0.002	0.04	0.65	9.9	4	13.2	189.5	3.12	0.05	34.2	0.351	1.21	9.2	59
ZZ33838		131.0	0.002	0.01	0.15	5.0	4	12.9	91.0	3.43	0.05	37.8	0.204	1.13	10.3	13
ZZ33839		244	0.003	0.02	0.44	12.1	1	59.1	170.0	0.89	0.18	8.0	0.378	4.31	2.8	91
ZZ33840		134.5	0.003	0.01	0.23	6.1	4	13.2	113.0	2.65	<0.05	29.3	0.225	1.31	7.5	17
ZZ33841		135.5	0.002	0.02	0.22	7.3	4	14.3	114.0	3.48	<0.05	41.2	0.299	1.47	11.2	23
ZZ33842		149.5	0.003	0.03	0.30	5.5	4	27.9	117.5	4.18	0.08	33.3	0.238	1.84	12.6	26
ZZ33843		159.5	0.003	0.07	0.28	11.5	6	20.6	112.5	5.96	<0.05	52.2	0.401	1.50	18.5	30
ZZ33844		79.7	0.003	0.04	1.24	8.7	8	217	144.5	8.07	0.33	82.0	0.611	1.31	21.8	32
ZZ33845		181.5	0.002	0.03	0.19	10.0	6	14.1	82.1	4.02	<0.05	84.6	0.353	1.88	19.6	23
ZZ33846		141.0	0.003	0.07	0.33	10.6	4	17.3	255	3.16	0.06	28.1	0.404	1.33	7.5	40
ZZ33847		165.0	0.003	0.09	0.52	16.2	6	19.3	327	3.86	0.17	33.0	0.530	1.71	13.2	77
ZZ33848		154.0	0.003	0.44	0.72	10.8	7	40.3	161.5	3.55	0.44	68.8	0.337	2.06	18.3	60
ZZ33849		167.0	0.003	0.25	1.40	12.6	6	47.7	226	1.98	1.41	24.6	0.369	2.67	14.6	89
ZZ33850		83.4	0.002	0.07	0.88	13.2	3	14.0	275	1.23	1.13	17.0	0.478	0.93	6.0	105
ZZ33039		132.5	0.002	1.31	0.65	11.1	10	32.1	144.5	1.64	3.56	57.4	0.321	1.56	10.0	68
ZZ33040		219	0.002	0.59	0.93	9.5	3	55.6	119.5	1.26	0.96	41.0	0.257	2.95	11.2	53
ZZ33041		130.0	0.004	0.03	1.16	8.4	6	19.5	115.5	1.41	1.57	28.9	0.233	1.74	19.1	41
ZZ33042		378	0.002	0.01	0.59	14.4	2	40.5	135.0	0.58	0.53	11.1	0.629	6.37	6.5	100
ZZ33547		71.6	0.002	0.05	0.91	14.3	1	2.9	247	0.94	0.07	11.5	0.442	0.53	2.9	109
ZZ33548		58.8	<0.002	0.03	0.89	13.9	1	3.0	240	0.81	<0.05	10.1	0.435	0.49	2.6	108
ZZ33549		120.0	0.002	0.02	0.63	12.4	1	3.2	251	0.85	<0.05	10.5	0.402	0.77	2.1	84
ZZ33550		69.8	<0.002	0.04	0.94	13.4	1	2.6	237	0.85	<0.05	9.3	0.446	0.49	2.6	120
ZZ33551		69.0	<0.002	0.04	1.49	14.2	1	2.4	220	0.75	<0.05	7.2	0.484	0.52	2.6	154
ZZ33552		103.0	<0.002	0.03	1.78	14.6	2	4.4	261	1.08	<0.05	12.1	0.472	0.66	2.8	104

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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 C/ O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016- 510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

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**CERTIFICATE OF ANALYSIS WH12207205**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Au- AA24
		W ppm	Y ppm	Zn ppm	Zr ppm	Au ppm
		0.1	0.1	2	0.5	0.005
ZZ33821		3.4	59.9	182	86.0	<0.005
ZZ33822		2.3	84.4	343	128.0	<0.005
ZZ33823		18.8	26.5	154	100.0	<0.005
ZZ33824		3.7	87.1	252	117.0	<0.005
ZZ33825		2.1	73.8	248	105.5	NSS
ZZ33826		2.6	74.2	220	128.5	<0.005
ZZ33827		3.3	184.5	577	236	<0.005
ZZ33828		5.9	232	494	287	<0.005
ZZ33829		13.2	140.0	332	337	<0.005
ZZ33830		6.2	127.5	349	242	<0.005
ZZ33831		2.2	105.0	489	290	<0.005
ZZ33832		9.4	149.0	641	300	<0.005
ZZ33833		5.9	111.0	439	208	<0.005
ZZ33834		9.7	100.0	487	201	<0.005
ZZ33835		4.6	75.4	209	93.5	NSS
ZZ33836		3.2	77.9	233	67.6	NSS
ZZ33837		6.9	66.5	724	112.5	<0.005
ZZ33838		4.6	67.2	250	110.5	NSS
ZZ33839		16.2	27.0	1230	34.6	NSS
ZZ33840		2.7	67.4	370	120.5	NSS
ZZ33841		2.0	68.8	243	123.5	NSS
ZZ33842		7.0	80.1	509	125.0	NSS
ZZ33843		5.3	124.5	494	219	NSS
ZZ33844		67.0	169.0	1400	248	<0.005
ZZ33845		2.7	114.5	414	138.5	NSS
ZZ33846		4.8	73.4	441	86.9	NSS
ZZ33847		15.8	112.5	502	160.0	0.010
ZZ33848		180.0	103.0	533	187.5	0.017
ZZ33849		105.5	74.1	649	99.7	0.112
ZZ33850		30.7	33.8	287	92.4	0.299
ZZ33039		24.9	49.8	309	96.2	0.448
ZZ33040		12.5	37.4	307	49.5	NSS
ZZ33041		266	101.5	1900	57.3	0.090
ZZ33042		33.1	22.7	1800	69.7	0.049
ZZ33547		2.6	22.1	169	51.9	<0.005
ZZ33548		2.2	21.1	227	61.1	<0.005
ZZ33549		2.8	22.0	329	39.9	<0.005
ZZ33550		1.8	18.0	142	57.6	<0.005
ZZ33551		1.6	15.5	137	74.0	<0.005
ZZ33552		3.6	23.7	196	53.9	<0.005



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 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
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 LIMITED  
 1016- 510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

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**CERTIFICATE OF ANALYSIS WH12207205**

Sample Description	Method	WEI- 21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
Units	LOR	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
ZZ33553		0.27	0.09	6.64	90.4	710	1.85	0.40	1.30	0.27	61.6	9.8	73	8.94	26.3	4.38
ZZ33554		0.29	0.17	7.43	94.8	660	2.91	0.46	1.49	0.43	109.0	10.2	59	15.00	26.5	4.31
ZZ33555		0.30	0.18	7.03	198.5	660	2.26	0.42	1.53	0.40	85.8	11.5	73	9.83	23.1	4.52
ZZ33556		0.34	0.12	7.31	167.0	650	2.34	0.43	1.69	0.41	106.0	12.6	69	10.15	23.7	4.52
ZZ33557		0.27	0.12	7.03	88.1	640	2.08	0.42	1.87	0.28	94.2	14.3	66	6.44	24.9	4.85
ZZ33558		0.30	0.28	7.89	256	740	3.79	1.42	1.55	0.35	150.5	8.7	47	16.10	14.6	3.98
ZZ33559		0.28	0.10	7.35	103.5	670	2.15	0.38	1.69	0.30	103.0	13.1	69	6.36	30.6	4.31
ZZ33560		0.26	0.22	7.19	35.6	650	1.81	0.31	1.78	0.42	69.2	14.4	83	4.34	28.4	4.48
ZZ33561		0.30	1.39	8.16	461	710	4.29	2.12	2.32	2.02	149.0	11.7	52	19.85	43.2	4.25
ZZ33562		0.25	0.26	8.45	182.5	680	3.36	0.64	2.06	0.37	103.0	13.1	48	18.85	33.1	4.54
ZZ33563		0.28	0.59	8.67	67.4	580	2.63	0.39	2.72	0.60	89.0	16.9	43	9.56	32.1	5.37
ZZ33564		0.32	0.08	7.76	31.6	710	2.76	0.23	2.02	0.39	128.5	7.7	43	5.97	16.8	3.67
ZZ33565		0.28	0.17	7.96	14.4	670	2.75	0.58	1.75	0.76	141.0	9.5	52	6.63	29.3	4.12
ZZ33566		0.34	0.22	7.35	11.8	650	2.63	1.06	1.84	0.91	124.5	9.8	53	5.63	43.5	4.76
ZZ33567		0.24	0.16	8.01	5.6	550	1.45	0.27	3.53	0.30	83.6	16.7	35	2.04	42.6	5.25
ZZ33568		0.30	0.63	6.81	11.4	640	1.81	0.71	1.87	0.36	108.0	9.6	52	4.80	32.2	4.55
ZZ33569		0.28	0.20	7.40	11.3	630	3.67	0.98	1.76	1.02	174.0	9.4	45	7.03	45.1	5.25
ZZ33570		0.36	0.21	8.22	10.0	640	4.82	0.50	1.73	2.10	174.5	8.4	36	10.05	90.6	4.92
ZZ33571		0.33	0.68	8.38	23.1	640	5.21	0.73	1.63	2.10	94.9	12.6	45	8.65	96.4	5.46
ZZ33572		0.34	0.56	8.53	31.5	690	5.34	2.74	1.62	7.61	139.0	10.9	40	17.50	337	5.50
ZZ33573		0.35	0.43	7.30	33.6	650	2.94	2.52	2.01	1.33	113.5	11.1	53	7.81	95.7	4.79
ZZ33574		0.26	0.60	6.58	17.9	640	1.92	1.25	1.56	0.91	68.0	10.4	59	5.70	46.8	4.53
ZZ33575		0.33	0.26	6.89	14.4	560	2.49	1.07	1.45	1.14	87.5	9.5	49	6.71	55.1	4.55
ZZ33576		0.31	0.57	7.97	32.4	610	3.62	1.80	1.56	3.95	177.0	13.5	55	11.10	114.0	5.03
ZZ33577		0.32	0.38	7.06	43.1	620	2.36	0.76	1.41	0.83	73.2	11.5	61	6.99	39.3	4.50
ZZ33578		0.27	0.40	8.03	51.1	660	4.40	0.84	1.35	0.85	105.5	8.2	42	9.69	34.1	3.99
ZZ33579		0.33	0.26	6.83	14.6	620	2.37	0.74	1.74	0.72	89.0	12.1	68	6.25	33.1	4.70
ZZ33580		0.23	0.28	7.14	13.1	590	2.78	1.27	2.01	0.72	103.5	13.0	61	8.78	40.1	5.18
ZZ33581		0.27	0.20	7.29	13.8	650	2.31	0.85	1.84	0.53	78.2	15.2	71	7.82	33.7	5.19
ZZ33582		0.37	0.13	6.31	14.1	600	3.04	0.60	1.78	0.60	81.7	9.7	63	5.62	28.2	4.12
ZZ33583		0.30	0.71	6.66	14.1	620	2.48	0.71	1.48	0.65	107.5	10.1	64	7.42	38.9	4.58
ZZ33584		0.30	0.63	7.06	8.6	590	2.58	0.51	1.84	1.02	153.5	10.8	55	5.80	34.9	4.77
ZZ33585		0.33	0.54	7.08	9.0	600	3.09	0.76	2.05	1.01	145.0	10.4	50	7.12	35.6	4.80
ZZ33586		0.29	0.24	7.27	9.3	620	2.74	0.53	2.12	0.59	112.0	11.0	62	5.13	28.2	4.20
ZZ33587		0.36	0.15	7.38	14.0	610	2.97	0.73	1.68	0.61	115.0	11.7	57	7.64	30.9	4.34
ZZ33588		0.21	0.65	7.33	10.4	580	2.84	0.66	1.70	0.44	72.4	12.0	51	8.22	36.3	4.43
ZZ33589		0.37	0.15	8.27	20.5	700	5.30	1.12	1.50	0.50	100.5	10.7	44	17.55	30.2	4.21
ZZ33590		0.37	0.27	8.02	13.7	720	8.44	1.03	1.63	0.38	125.5	6.9	29	16.40	17.9	3.99
ZZ33591		0.27	0.70	7.96	14.7	790	9.20	1.90	1.53	0.61	159.0	8.3	34	25.8	20.0	4.11
ZZ33592		0.36	0.35	7.95	15.2	840	8.82	2.41	1.06	1.57	96.9	6.7	26	33.0	24.9	3.02



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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 C/ O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016- 510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

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Project: Meloy

**CERTIFICATE OF ANALYSIS WH12207205**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
ZZ33553		20.6	0.14	2.6	0.077	1.39	28.0	34.1	0.91	658	4.39	1.63	14.7	28.5	900	17.6
ZZ33554		21.3	0.14	2.0	0.123	1.52	36.4	88.7	0.89	757	2.85	1.67	16.9	24.4	760	20.3
ZZ33555		19.70	0.15	1.9	0.096	1.28	33.9	68.6	1.05	679	2.73	1.63	14.2	28.2	520	16.9
ZZ33556		20.6	0.15	2.0	0.096	1.34	38.9	70.0	1.06	767	4.24	1.81	17.5	29.3	590	16.2
ZZ33557		19.70	0.15	2.2	0.101	1.16	35.1	48.9	1.19	905	2.34	1.82	16.3	28.1	920	16.1
ZZ33558		22.8	0.16	2.1	0.123	1.84	49.3	85.8	0.86	811	1.40	1.98	24.3	19.3	410	17.4
ZZ33559		18.95	0.16	2.0	0.101	1.38	37.3	54.8	1.14	774	2.23	1.84	17.0	30.9	780	19.2
ZZ33560		18.15	0.15	2.5	0.087	1.24	26.2	43.7	1.27	763	2.63	1.72	13.3	34.3	880	16.4
ZZ33561		23.2	0.26	2.1	0.225	1.74	71.0	116.0	1.07	881	2.52	2.01	19.8	20.3	860	123.0
ZZ33562		24.8	0.25	1.7	0.150	1.71	46.3	168.0	1.10	843	3.21	1.72	16.4	23.0	900	19.3
ZZ33563		24.8	0.22	1.9	0.113	1.39	43.2	171.0	1.39	863	2.31	1.78	13.1	24.8	1100	22.5
ZZ33564		21.1	0.21	1.9	0.117	1.76	53.1	156.0	0.79	714	1.09	2.08	20.5	15.6	770	15.9
ZZ33565		21.3	0.20	1.8	0.139	1.58	54.3	159.0	0.91	786	1.10	2.05	19.8	21.5	570	29.4
ZZ33566		21.6	0.20	2.2	0.151	1.44	52.8	43.2	0.93	854	1.74	2.29	25.4	19.7	1010	25.9
ZZ33567		21.3	0.16	2.4	0.077	1.23	38.5	22.2	1.58	727	1.97	2.48	10.3	20.6	980	11.0
ZZ33568		21.6	0.18	2.6	0.137	1.33	52.9	23.5	0.93	717	4.27	2.07	23.3	20.6	950	17.7
ZZ33569		24.2	0.26	2.8	0.231	1.44	79.4	49.5	0.89	1000	1.79	2.44	36.3	17.7	1050	25.0
ZZ33570		28.9	0.31	2.4	0.253	1.62	78.0	53.2	0.84	980	1.17	2.79	38.0	16.4	710	29.2
ZZ33571		25.3	0.24	2.1	0.250	1.46	46.3	324	1.09	935	1.66	1.91	20.1	21.5	1090	38.7
ZZ33572		27.3	0.28	2.5	0.821	1.70	59.9	80.6	1.07	1250	2.69	2.18	29.9	18.9	1020	32.6
ZZ33573		22.2	0.21	2.8	0.299	1.50	46.8	54.0	1.05	910	2.08	2.16	26.0	22.4	760	43.6
ZZ33574		21.8	0.17	2.7	0.161	1.43	30.6	31.4	0.96	717	5.67	1.75	19.1	23.1	990	19.2
ZZ33575		21.8	0.19	3.1	0.212	1.39	39.3	94.2	0.87	870	2.61	1.78	26.1	18.7	980	25.7
ZZ33576		25.0	0.25	3.2	0.212	1.58	74.9	126.5	1.02	1120	3.02	1.76	26.4	25.4	840	49.1
ZZ33577		21.5	0.17	2.7	0.104	1.44	30.7	144.5	0.95	1120	3.32	1.67	18.5	23.0	830	36.7
ZZ33578		26.1	0.22	2.7	0.144	1.37	43.9	129.0	0.74	803	4.37	2.32	23.0	16.4	860	63.9
ZZ33579		19.45	0.17	2.3	0.121	1.30	38.5	43.4	1.12	863	2.48	1.77	19.8	27.5	880	37.0
ZZ33580		21.9	0.22	2.3	0.172	1.30	41.9	45.3	1.19	948	3.92	1.92	25.1	25.3	1030	43.4
ZZ33581		20.7	0.20	2.2	0.123	1.33	37.0	44.2	1.30	1020	3.38	1.77	19.9	29.0	1110	25.7
ZZ33582		19.50	0.20	2.2	0.125	1.33	35.1	34.7	0.98	659	1.83	2.01	20.0	22.5	690	24.7
ZZ33583		20.5	0.22	2.5	0.139	1.36	50.6	31.9	1.00	751	3.75	1.68	19.8	24.6	1410	29.9
ZZ33584		21.8	0.27	2.3	0.204	1.36	71.8	40.9	1.00	958	1.57	2.18	26.6	21.1	880	22.7
ZZ33585		21.3	0.25	2.0	0.228	1.36	66.4	43.7	0.98	960	1.49	2.25	28.8	19.6	1070	27.1
ZZ33586		19.15	0.20	1.8	0.143	1.39	51.0	35.9	1.09	845	0.98	2.30	20.5	22.2	960	29.3
ZZ33587		22.2	0.19	1.9	0.145	1.42	54.2	43.1	0.99	870	1.56	1.99	20.5	23.7	820	30.3
ZZ33588		21.4	0.22	1.7	0.140	1.31	33.1	35.8	1.06	743	2.25	1.45	13.0	24.3	1540	22.3
ZZ33589		26.0	0.17	1.5	0.184	1.80	41.8	61.7	0.85	876	1.57	1.85	22.1	21.5	800	25.0
ZZ33590		26.4	0.23	1.5	0.170	1.98	57.1	61.1	0.69	842	0.70	2.13	24.9	11.2	710	26.8
ZZ33591		25.1	0.25	1.8	0.170	1.92	63.2	78.9	0.73	957	1.16	2.51	22.0	14.9	770	55.8
ZZ33592		28.6	0.19	1.2	0.148	2.87	30.8	123.0	0.60	955	0.61	1.69	24.2	11.2	470	99.8

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 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
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 Account: MTT

Project: Meloy

**CERTIFICATE OF ANALYSIS WH12207205**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
ZZ33553		89.2	<0.002	0.04	1.67	13.0	2	3.0	216	0.87	0.07	7.1	0.507	0.63	2.8	153
ZZ33554		96.3	<0.002	0.04	0.93	12.8	2	3.1	218	0.92	<0.05	10.6	0.412	0.69	2.8	98
ZZ33555		73.9	<0.002	0.03	1.20	13.0	1	3.0	240	0.82	0.06	9.1	0.466	0.56	3.1	125
ZZ33556		81.4	<0.002	0.03	1.16	14.1	2	2.9	252	0.94	<0.05	10.1	0.469	0.57	2.8	113
ZZ33557		63.2	<0.002	0.06	1.02	13.7	1	2.6	311	0.90	<0.05	9.2	0.505	0.49	2.7	126
ZZ33558		134.5	<0.002	0.02	0.82	12.7	2	3.5	245	1.28	<0.05	16.8	0.437	0.86	3.4	77
ZZ33559		77.8	0.002	0.04	1.03	14.5	1	2.9	251	1.01	0.11	11.2	0.469	0.58	2.8	109
ZZ33560		64.2	0.002	0.04	1.21	15.6	1	2.3	267	0.85	0.16	8.4	0.474	0.50	3.2	133
ZZ33561		115.5	<0.002	0.02	1.53	14.8	3	8.2	350	1.16	0.08	15.1	0.456	0.79	6.6	92
ZZ33562		119.0	<0.002	0.04	1.22	13.9	3	3.7	341	0.90	0.10	12.5	0.439	0.76	5.4	102
ZZ33563		85.8	<0.002	0.05	0.89	14.7	3	3.3	487	0.68	0.07	10.8	0.541	0.67	4.4	138
ZZ33564		89.3	0.002	0.02	0.86	11.8	2	3.4	274	1.26	<0.05	12.7	0.415	0.57	2.7	72
ZZ33565		89.6	0.002	0.02	0.71	13.2	1	4.8	248	1.21	<0.05	14.1	0.435	0.55	2.5	87
ZZ33566		92.2	<0.002	0.03	0.75	13.6	2	5.8	250	1.54	0.05	15.4	0.502	0.62	3.0	98
ZZ33567		41.9	<0.002	0.04	0.56	14.1	1	2.2	717	0.64	0.06	8.2	0.627	0.31	2.3	155
ZZ33568		92.0	<0.002	0.05	1.06	13.8	1	5.7	296	1.38	0.08	9.3	0.555	0.59	2.7	130
ZZ33569		103.5	0.002	0.05	0.66	14.6	2	8.6	228	1.89	0.07	18.2	0.518	0.76	3.5	82
ZZ33570		113.0	<0.002	0.02	0.45	14.5	3	13.8	222	1.90	<0.05	19.5	0.483	0.95	4.0	68
ZZ33571		85.6	0.002	0.05	0.95	13.5	3	11.1	298	1.10	0.13	16.5	0.484	0.71	3.9	113
ZZ33572		132.5	<0.002	0.03	0.61	15.3	3	17.6	199.5	1.55	0.12	26.0	0.440	1.31	9.4	78
ZZ33573		82.8	<0.002	0.03	0.71	14.3	2	8.2	274	1.43	0.13	14.4	0.492	0.73	3.3	97
ZZ33574		97.5	<0.002	0.05	1.18	13.8	2	5.1	272	1.06	0.15	8.5	0.503	0.68	2.9	132
ZZ33575		92.4	<0.002	0.04	0.92	13.1	1	8.5	221	1.55	0.08	12.9	0.464	0.80	3.5	96
ZZ33576		113.5	<0.002	0.02	1.04	15.7	4	10.3	205	1.44	0.09	30.1	0.448	0.99	8.9	93
ZZ33577		92.6	<0.002	0.03	1.53	12.9	3	8.2	230	1.16	0.11	10.8	0.470	0.73	3.5	119
ZZ33578		94.7	<0.002	0.04	1.23	11.8	2	11.9	196.0	1.33	0.08	14.7	0.398	0.77	4.1	79
ZZ33579		75.5	<0.002	0.05	1.01	14.4	2	5.4	242	1.13	0.07	11.6	0.485	0.63	3.6	117
ZZ33580		89.5	0.002	0.05	0.85	15.6	3	6.5	295	1.36	<0.05	12.7	0.535	0.68	4.7	114
ZZ33581		85.6	<0.002	0.05	1.00	15.9	3	4.7	281	1.20	0.10	11.8	0.530	0.68	3.8	129
ZZ33582		64.5	<0.002	0.02	0.89	14.3	2	5.7	249	1.14	0.06	8.7	0.484	0.62	2.9	107
ZZ33583		99.3	<0.002	0.08	1.17	14.3	2	5.3	215	1.19	0.09	14.9	0.475	0.65	5.7	113
ZZ33584		75.2	<0.002	0.05	0.70	15.6	2	5.8	243	1.52	0.09	18.3	0.501	0.67	4.3	92
ZZ33585		75.0	<0.002	0.03	0.61	15.7	4	6.7	250	1.74	0.07	15.8	0.494	0.66	3.4	85
ZZ33586		67.3	<0.002	0.01	0.58	14.3	1	6.6	297	1.21	0.07	12.7	0.474	0.56	2.7	98
ZZ33587		85.4	<0.002	0.04	0.85	14.3	2	6.6	235	1.08	0.07	12.3	0.454	0.63	2.4	96
ZZ33588		93.4	<0.002	0.11	0.89	12.8	3	5.3	298	0.73	0.11	11.3	0.408	0.70	3.8	108
ZZ33589		143.0	<0.002	0.02	0.60	12.8	2	6.3	199.5	1.14	<0.05	11.7	0.395	1.04	2.2	78
ZZ33590		167.0	<0.002	0.02	0.44	12.0	2	7.8	200	1.35	0.05	15.4	0.389	1.18	2.3	57
ZZ33591		123.0	<0.002	0.03	0.67	12.7	2	12.2	238	1.15	<0.05	14.2	0.386	1.18	3.7	66
ZZ33592		210	<0.002	0.01	0.66	11.1	3	11.2	176.5	1.18	0.05	11.7	0.328	1.68	2.2	46

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: STRATEGIC METALS LTD.  
 C/ O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016- 510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

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Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Au- AA24
	Analyte	W	Y	Zn	Zr	Au
Units		ppm	ppm	ppm	ppm	ppm
LOR		0.1	0.1	2	0.5	0.005
ZZ33553		2.6	15.8	136	76.2	<0.005
ZZ33554		2.8	21.0	185	51.7	<0.005
ZZ33555		2.6	20.1	139	59.1	<0.005
ZZ33556		2.3	24.1	152	56.5	0.006
ZZ33557		1.7	24.7	161	64.1	<0.005
ZZ33558		7.0	25.7	203	42.7	<0.005
ZZ33559		2.4	23.9	134	71.6	<0.005
ZZ33560		1.4	21.4	121	59.7	0.007
ZZ33561		4.3	45.4	445	47.2	0.008
ZZ33562		2.8	33.5	191	44.8	<0.005
ZZ33563		2.2	32.0	206	49.6	<0.005
ZZ33564		4.6	35.2	157	46.7	<0.005
ZZ33565		3.7	30.4	203	48.7	<0.005
ZZ33566		2.1	41.8	248	61.9	<0.005
ZZ33567		0.7	21.1	126	75.8	<0.005
ZZ33568		2.1	33.0	173	74.9	<0.005
ZZ33569		2.0	51.7	306	69.0	<0.005
ZZ33570		5.4	54.1	396	47.7	<0.005
ZZ33571		2.7	32.8	448	54.7	0.006
ZZ33572		5.4	52.8	1080	51.7	<0.005
ZZ33573		9.8	38.2	419	56.3	<0.005
ZZ33574		2.8	23.1	177	71.7	<0.005
ZZ33575		3.6	34.3	283	65.7	<0.005
ZZ33576		3.5	45.9	479	65.3	<0.005
ZZ33577		3.5	22.1	227	63.9	<0.005
ZZ33578		4.9	27.1	216	58.1	0.005
ZZ33579		16.4	28.4	188	57.5	<0.005
ZZ33580		7.5	37.6	206	59.3	<0.005
ZZ33581		3.5	29.6	185	60.0	<0.005
ZZ33582		6.1	28.6	154	53.1	<0.005
ZZ33583		7.1	32.5	158	64.7	<0.005
ZZ33584		3.4	41.9	257	56.4	0.005
ZZ33585		5.2	52.6	263	44.2	<0.005
ZZ33586		3.4	34.4	195	44.2	<0.005
ZZ33587		2.2	32.0	196	54.0	<0.005
ZZ33588		1.8	26.4	166	50.1	<0.005
ZZ33589		11.2	33.8	202	36.5	<0.005
ZZ33590		9.5	41.3	192	31.2	0.005
ZZ33591		4.3	40.7	244	37.6	<0.005
ZZ33592		8.3	33.8	231	25.6	<0.005



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 1016- 510 W HASTINGS ST  
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Sample Description	Method	WEI- 21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
ZZ33593		0.33	1.81	7.56	47.7	730	5.08	2.67	1.34	0.52	108.0	9.4	49	17.00	27.6	3.68
ZZ33594		0.33	0.43	7.09	13.8	610	3.54	1.75	2.18	0.37	76.1	13.0	37	8.79	24.1	4.42
ZZ33595		0.28	0.54	6.81	18.9	700	2.42	1.22	1.40	0.74	88.1	16.4	63	10.70	38.9	4.72
ZZ33596		0.35	1.00	6.56	11.7	630	3.19	0.79	1.44	1.04	94.7	8.9	36	10.65	33.5	3.49
ZZ33597		0.28	0.28	6.49	21.3	670	3.06	1.02	1.82	1.04	98.2	16.3	68	8.35	36.1	4.80
ZZ33598		0.34	0.49	7.24	28.8	780	9.75	1.71	1.64	1.57	115.5	13.8	85	18.70	54.3	4.22
ZZ33599		0.31	1.27	7.25	47.6	740	8.48	3.90	1.81	3.43	149.5	15.1	63	17.95	141.0	4.23
ZZ33600		0.35	1.85	6.89	46.3	710	3.01	1.28	1.50	1.13	63.2	16.1	75	7.62	47.3	4.78
ZZ32618		0.24	0.53	7.52	22.5	520	5.15	8.79	1.98	2.48	238	12.3	32	13.85	144.5	5.88
ZZ32619		0.21	1.33	6.89	81.0	480	4.71	9.29	1.78	3.30	180.0	12.5	37	11.55	171.0	5.37
ZZ32620		0.26	1.96	7.04	68.5	480	6.45	11.00	1.95	5.19	181.0	12.8	35	11.95	196.0	4.89
ZZ32621		0.22	2.68	7.30	195.5	550	6.84	11.70	1.54	15.50	220	13.2	17	17.90	472	4.86
ZZ32622		0.26	1.81	7.48	124.5	540	5.63	8.39	1.83	10.75	158.5	12.5	24	11.85	269	5.37
ZZ32623		0.23	1.08	6.94	41.4	480	5.54	22.9	1.57	3.83	269	12.3	31	16.25	229	6.44
ZZ32624		0.22	2.00	7.31	53.8	540	5.38	13.45	1.70	6.28	264	11.7	25	14.75	289	6.35
ZZ32625		0.23	1.70	7.43	42.6	480	7.87	11.65	1.68	17.10	271	9.2	12	18.95	930	6.48
ZZ32626		0.21	1.86	7.20	42.4	570	5.45	74.7	1.36	3.91	231	10.3	20	14.15	277	4.96
ZZ32627		0.24	2.70	6.78	26.6	540	4.21	15.55	1.42	7.13	216	16.0	28	12.40	410	4.47
ZZ32628		0.23	5.63	7.34	58.9	570	6.93	16.20	1.59	8.12	171.5	14.7	31	14.60	834	5.98
ZZ32629		0.23	4.74	7.56	64.7	600	8.62	15.05	1.22	8.80	170.5	12.0	16	20.6	951	4.62
ZZ32630		0.24	2.60	7.54	33.6	540	17.55	25.0	1.42	7.80	189.0	14.8	32	22.8	700	5.43
ZZ32631		0.18	2.08	7.28	38.2	570	3.66	13.15	1.72	3.62	135.5	19.2	55	8.78	583	5.13
ZZ32632		0.19	2.13	7.07	32.1	640	2.78	7.59	1.45	1.19	74.9	16.0	58	8.51	215	4.73
ZZ32633		0.23	3.08	7.28	51.6	580	5.00	16.25	1.56	3.27	145.5	13.7	45	9.24	807	4.74
ZZ32634		0.24	3.24	7.00	26.4	630	4.32	10.55	0.91	2.54	191.5	5.5	12	8.08	375	3.29
ZZ32635		0.22	18.60	7.54	322	710	10.75	36.2	1.15	13.55	203	33.8	38	19.50	4520	7.58
ZZ32636		0.24	4.27	6.91	51.2	580	5.06	28.6	1.30	3.27	169.0	14.0	32	8.84	1030	4.51
ZZ32637		0.24	9.16	6.56	116.0	440	16.60	33.5	0.71	1.78	208	10.0	19	19.80	1275	9.74
ZZ32638		0.23	3.64	6.85	57.5	480	5.26	10.80	0.91	2.17	190.0	7.3	14	10.20	506	4.21
ZZ32639		0.23	5.41	6.67	71.4	500	6.33	17.25	0.79	4.19	203	7.6	9	12.00	694	4.95
ZZ32640		0.23	8.11	7.31	186.0	570	6.21	21.6	0.68	3.18	208	8.9	11	13.20	704	6.85
ZZ32641		0.24	9.48	7.44	348	640	4.67	67.0	0.61	2.26	206	4.5	13	13.70	772	10.05
ZZ32642		0.23	6.58	6.47	249	590	4.31	51.7	0.66	1.38	151.5	4.0	22	10.30	759	8.76
ZZ32643		0.23	7.13	6.57	273	580	4.44	60.4	0.76	3.45	161.5	12.2	19	10.45	886	6.96
ZZ32644		0.24	6.83	6.82	176.5	580	7.02	18.20	0.78	6.16	149.5	11.6	13	12.80	1270	6.17
ZZ32645		0.23	7.74	6.80	113.0	580	9.79	23.0	1.31	3.17	127.0	13.2	20	7.58	1180	4.62
ZZ32646		0.23	12.40	7.24	109.5	610	5.23	29.8	1.03	6.34	136.0	10.4	29	11.85	2810	6.98
ZZ32647		0.21	12.80	6.67	300	640	6.23	43.9	1.03	8.95	133.5	15.6	36	17.55	2900	7.78
ZZ32648		0.26	9.20	7.52	395	580	7.58	45.6	1.07	12.70	126.5	10.5	29	16.40	3000	5.87
ZZ32649		0.22	4.22	7.57	66.0	590	5.16	45.6	1.26	8.35	127.0	9.3	23	20.4	1610	5.22



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 North Vancouver BC V7H 0A7  
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Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
ZZ33593		23.1	0.19	1.4	0.130	2.01	41.7	84.6	0.87	787	1.48	1.78	20.3	18.5	550	85.3
ZZ33594		20.9	0.20	1.6	0.131	1.31	34.9	47.2	1.12	850	2.67	2.00	16.0	19.5	1080	59.2
ZZ33595		23.9	0.17	2.1	0.131	1.46	36.6	51.1	1.01	1390	5.35	1.65	18.6	30.0	1470	68.8
ZZ33596		22.2	0.18	1.5	0.145	1.61	38.6	55.0	0.69	758	1.94	1.94	19.9	16.3	1420	72.8
ZZ33597		23.2	0.20	2.0	0.167	1.39	40.7	58.1	1.14	1230	3.91	1.65	22.8	27.9	1680	67.0
ZZ33598		23.9	0.17	1.7	0.219	1.69	37.5	115.0	1.32	1090	1.93	1.96	19.2	25.4	680	206
ZZ33599		25.2	0.20	1.5	0.480	1.42	58.1	122.5	1.23	1120	1.83	1.99	19.4	19.8	760	201
ZZ33600		23.7	0.16	1.9	0.169	1.42	26.6	41.1	1.10	1260	5.13	1.74	17.3	30.6	1600	75.3
ZZ32618		31.7	0.36	6.4	0.460	1.66	107.5	59.2	0.96	1280	9.67	2.46	59.8	18.9	870	47.6
ZZ32619		28.2	0.30	6.4	0.542	1.59	80.7	41.3	0.99	1120	14.65	2.13	43.5	21.8	820	108.5
ZZ32620		28.9	0.30	5.7	0.476	1.76	82.3	47.1	0.99	1120	12.30	2.27	45.9	17.9	730	117.0
ZZ32621		30.6	0.29	5.7	0.668	2.31	87.7	55.2	0.45	2120	29.8	2.22	48.4	8.3	630	585
ZZ32622		30.6	0.28	4.7	0.637	1.80	71.3	59.7	0.84	1180	22.1	2.28	44.9	15.8	800	208
ZZ32623		33.0	0.37	10.2	0.730	1.81	114.5	84.7	0.78	1630	59.0	2.27	80.3	15.1	730	122.5
ZZ32624		32.6	0.37	9.8	0.596	1.88	118.5	84.9	0.81	1460	40.2	2.41	65.3	14.3	970	149.5
ZZ32625		36.1	0.39	8.4	0.553	1.81	124.0	91.4	0.61	1630	44.9	2.62	70.9	8.4	930	112.5
ZZ32626		29.8	0.33	6.1	0.487	2.03	109.0	69.2	0.64	1100	74.9	2.47	47.0	11.8	780	138.5
ZZ32627		26.5	0.32	3.3	0.755	1.86	104.0	55.4	0.72	1230	102.5	2.09	33.0	17.7	850	110.0
ZZ32628		30.1	0.32	4.3	1.860	1.88	77.2	73.1	0.87	1360	98.4	2.08	42.9	18.2	980	161.0
ZZ32629		31.6	0.28	3.5	1.305	2.35	76.0	66.4	0.50	1180	130.0	2.36	38.2	9.9	650	86.4
ZZ32630		29.4	0.31	5.4	0.776	1.80	79.7	70.5	0.73	1740	131.0	2.27	41.6	17.6	790	149.5
ZZ32631		23.9	0.23	3.4	0.502	1.60	53.9	46.7	1.16	1180	27.8	1.88	28.0	32.5	1310	56.6
ZZ32632		23.6	0.19	3.3	0.385	1.51	33.9	33.4	1.02	1330	29.1	1.84	25.4	28.1	1260	39.6
ZZ32633		27.5	0.24	5.0	0.638	1.93	61.5	52.0	0.93	906	56.4	2.07	33.4	26.0	900	61.6
ZZ32634		27.6	0.26	4.1	0.533	2.74	90.1	36.7	0.35	652	44.7	2.51	38.1	7.2	510	52.0
ZZ32635		30.3	0.33	4.6	3.62	2.74	88.6	67.5	0.78	1750	66.3	1.65	31.6	15.8	800	162.5
ZZ32636		26.0	0.27	4.0	0.946	2.12	71.2	38.3	0.75	903	94.8	2.09	30.9	19.7	790	48.6
ZZ32637		30.5	0.37	2.9	3.09	2.01	98.2	37.3	0.40	772	105.5	2.49	31.4	7.3	560	118.0
ZZ32638		28.5	0.28	5.1	1.145	2.39	87.5	38.6	0.40	825	15.50	2.57	59.5	8.1	440	63.4
ZZ32639		30.9	0.34	7.1	1.535	2.63	92.3	40.4	0.29	951	28.7	2.37	44.9	4.3	420	158.0
ZZ32640		32.2	0.35	5.4	2.31	3.09	94.7	47.4	0.31	993	38.7	2.25	43.6	4.6	470	402
ZZ32641		35.3	0.38	4.8	4.28	3.11	95.6	52.2	0.37	648	25.3	1.74	32.7	4.5	570	329
ZZ32642		26.5	0.36	3.3	2.52	2.64	69.7	44.2	0.46	484	16.55	1.54	28.0	7.8	500	146.5
ZZ32643		27.1	0.33	4.0	1.930	2.54	73.4	39.5	0.41	866	35.7	1.73	38.0	9.1	490	199.5
ZZ32644		27.0	0.29	3.7	1.710	2.58	66.5	36.6	0.35	1060	94.0	1.94	28.7	6.5	430	165.5
ZZ32645		24.8	0.27	3.2	1.255	2.30	57.5	35.4	0.65	692	117.0	1.93	22.1	12.8	520	77.5
ZZ32646		26.6	0.31	2.3	1.735	2.56	63.0	52.2	0.67	743	134.5	1.56	26.3	14.6	700	53.5
ZZ32647		24.2	0.27	2.2	1.435	2.47	57.2	81.0	0.77	1200	86.3	1.23	22.4	15.2	750	289
ZZ32648		25.2	0.27	2.3	1.145	2.39	58.7	56.6	0.63	976	181.0	1.71	22.1	16.5	680	216
ZZ32649		21.1	0.23	2.9	0.604	2.42	61.2	59.4	0.57	768	74.7	1.64	21.4	13.4	600	126.0

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: STRATEGIC METALS LTD.  
 C/ O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016- 510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

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**CERTIFICATE OF ANALYSIS WH12207205**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm
		0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
ZZ33593		140.5	0.002	0.02	1.00	12.9	3	8.5	217	1.10	0.06	9.8	0.412	1.13	2.2	80
ZZ33594		75.0	<0.002	0.06	0.81	12.9	2	7.0	410	0.86	0.06	7.9	0.453	0.59	2.0	101
ZZ33595		97.0	<0.002	0.06	1.52	15.7	2	6.6	219	0.98	0.07	10.3	0.448	0.70	3.0	116
ZZ33596		93.2	<0.002	0.07	0.59	11.8	2	7.8	207	1.05	<0.05	12.3	0.341	0.75	3.0	64
ZZ33597		96.4	<0.002	0.08	1.04	16.0	2	7.9	262	1.21	0.06	16.5	0.473	0.74	4.8	105
ZZ33598		101.0	<0.002	0.03	0.63	15.8	2	22.4	302	1.05	<0.05	10.1	0.468	1.18	2.4	98
ZZ33599		104.5	<0.002	0.03	0.58	15.2	2	21.1	430	0.99	0.05	11.9	0.440	1.23	2.8	83
ZZ33600		84.6	<0.002	0.07	1.43	16.5	2	7.4	247	0.96	0.07	8.8	0.488	0.77	3.1	133
ZZ32618		134.5	0.002	0.03	0.63	17.1	3	16.4	282	4.02	0.13	47.8	0.507	1.45	12.7	75
ZZ32619		122.0	0.002	0.05	0.78	15.9	3	16.9	266	2.73	0.12	33.7	0.438	1.38	12.2	76
ZZ32620		135.5	<0.002	0.02	0.44	14.4	3	20.1	325	2.78	0.14	31.1	0.426	1.50	13.0	75
ZZ32621		160.0	<0.002	0.06	0.62	11.0	3	28.3	203	3.39	0.15	28.4	0.323	2.03	18.4	37
ZZ32622		136.5	<0.002	0.04	0.54	14.8	3	19.0	302	2.91	0.11	25.7	0.405	1.48	14.9	62
ZZ32623		165.5	0.002	0.04	0.59	19.2	3	19.5	181.0	5.41	0.20	44.1	0.524	1.78	16.3	65
ZZ32624		171.0	0.002	0.04	0.51	18.7	4	19.1	196.0	4.54	0.13	46.4	0.499	1.76	19.3	58
ZZ32625		171.0	0.002	0.02	0.25	17.4	4	20.4	181.0	4.65	0.14	44.3	0.490	1.93	23.9	39
ZZ32626		151.5	0.002	0.03	0.58	13.5	3	17.3	193.5	3.01	0.36	33.5	0.378	1.72	17.8	46
ZZ32627		132.5	<0.002	0.05	0.56	12.4	3	17.1	201	2.25	0.24	25.0	0.334	1.55	14.9	54
ZZ32628		136.5	0.002	0.05	0.76	16.4	4	28.2	219	2.71	0.23	28.3	0.424	1.71	21.1	65
ZZ32629		170.5	<0.002	0.02	0.60	11.0	3	31.0	163.5	2.38	0.28	24.0	0.304	1.99	19.4	36
ZZ32630		130.5	<0.002	0.04	0.71	14.5	4	27.6	198.0	2.84	0.32	27.9	0.385	1.55	22.4	60
ZZ32631		112.0	<0.002	0.09	1.14	15.6	3	11.8	251	1.73	0.23	19.9	0.432	1.30	9.9	94
ZZ32632		133.0	<0.002	0.09	1.34	15.7	2	10.7	228	1.59	0.16	13.5	0.433	1.28	6.0	105
ZZ32633		131.0	<0.002	0.04	0.93	14.8	3	16.6	219	2.36	0.34	20.2	0.411	1.61	10.1	79
ZZ32634		165.5	<0.002	0.02	0.27	8.2	2	18.0	139.5	2.57	0.20	28.7	0.236	1.85	10.1	26
ZZ32635		217	0.002	0.12	1.31	13.2	5	56.5	203	2.06	0.86	27.4	0.381	3.43	23.5	60
ZZ32636		137.0	0.002	0.05	0.79	12.2	3	17.5	210	1.84	0.67	19.8	0.327	1.78	11.7	61
ZZ32637		192.0	0.002	0.15	0.55	8.6	6	32.3	148.0	2.00	0.78	31.5	0.294	2.95	12.2	40
ZZ32638		157.0	<0.002	0.05	0.48	8.8	3	25.1	132.5	4.21	0.14	33.7	0.268	1.94	14.4	29
ZZ32639		182.5	0.002	0.09	0.35	8.6	3	36.4	112.0	2.88	0.27	33.4	0.273	2.40	17.4	22
ZZ32640		208	0.002	0.23	0.70	8.8	4	59.6	121.0	3.01	0.31	37.3	0.268	3.00	17.0	28
ZZ32641		229	0.002	0.34	0.57	9.0	4	79.9	133.0	2.16	1.49	42.8	0.255	3.27	13.5	32
ZZ32642		179.0	0.002	0.22	0.60	8.3	4	53.2	134.5	1.83	2.05	37.9	0.235	2.43	10.7	39
ZZ32643		167.0	<0.002	0.16	0.89	8.7	3	34.8	143.0	2.62	4.03	29.2	0.242	2.08	20.3	34
ZZ32644		157.0	<0.002	0.06	1.12	8.3	3	27.1	140.5	1.90	1.04	25.6	0.231	2.06	33.3	29
ZZ32645		132.0	<0.002	0.04	0.70	10.3	3	17.5	267	1.42	0.96	18.9	0.266	1.67	27.9	52
ZZ32646		173.5	0.002	0.04	0.99	10.9	3	28.5	172.5	1.62	1.43	23.6	0.299	2.31	34.1	53
ZZ32647		205	0.002	0.04	0.98	9.7	3	29.6	186.0	1.37	1.66	18.1	0.342	3.11	23.9	48
ZZ32648		173.0	<0.002	0.03	1.62	8.9	4	23.1	178.5	1.53	2.11	19.7	0.251	2.22	33.2	50
ZZ32649		169.0	<0.002	0.02	1.11	7.9	2	14.3	189.0	1.37	1.83	21.6	0.250	2.19	23.4	48



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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 C/ O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016- 510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

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Project: Meloy

**CERTIFICATE OF ANALYSIS WH12207205**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Au- AA24
		W	Y	Zn	Zr	Au
		ppm	ppm	ppm	ppm	ppm
		0.1	0.1	2	0.5	0.005
ZZ33593		9.5	25.9	178	35.0	<0.005
ZZ33594		10.2	25.2	195	40.6	<0.005
ZZ33595		3.2	25.3	234	63.6	<0.005
ZZ33596		2.8	27.9	256	40.1	<0.005
ZZ33597		2.9	32.0	259	57.9	<0.005
ZZ33598		9.1	23.7	549	51.8	<0.005
ZZ33599		14.9	30.6	890	47.4	0.005
ZZ33600		3.0	22.5	306	67.1	<0.005
ZZ32618		14.6	100.5	550	131.5	<0.005
ZZ32619		24.3	85.8	505	134.5	<0.005
ZZ32620		14.6	92.4	590	116.0	0.005
ZZ32621		43.4	104.5	1180	116.5	0.008
ZZ32622		12.8	98.7	1070	105.5	0.010
ZZ32623		30.4	122.0	680	201	0.006
ZZ32624		16.7	123.0	807	195.0	0.013
ZZ32625		17.1	136.0	1610	160.5	0.006
ZZ32626		30.7	102.5	584	132.5	0.018
ZZ32627		32.1	97.8	698	78.1	0.012
ZZ32628		47.9	100.5	904	97.4	0.015
ZZ32629		45.3	87.3	999	81.9	0.020
ZZ32630		14.4	111.5	1090	121.5	0.019
ZZ32631		11.9	54.9	529	94.3	0.022
ZZ32632		10.7	32.6	298	94.0	0.013
ZZ32633		29.3	64.9	497	118.0	0.039
ZZ32634		25.1	66.0	366	90.7	0.014
ZZ32635		96.3	80.4	1400	99.0	0.168
ZZ32636		56.3	76.8	375	93.3	0.092
ZZ32637		48.1	61.1	368	70.4	0.105
ZZ32638		48.2	91.5	340	104.5	0.011
ZZ32639		55.0	94.6	435	141.5	0.055
ZZ32640		79.9	79.1	445	113.0	0.014
ZZ32641		79.4	66.6	399	101.5	0.082
ZZ32642		85.4	45.4	304	76.8	0.296
ZZ32643		61.1	57.4	427	88.4	0.673
ZZ32644		49.8	58.1	673	81.3	0.170
ZZ32645		45.1	55.0	369	76.3	0.078
ZZ32646		136.0	60.1	827	60.1	0.098
ZZ32647		64.3	51.9	1030	57.4	0.098
ZZ32648		36.2	72.2	2090	53.9	0.088
ZZ32649		42.5	50.6	1950	59.4	0.072



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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 C/ O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016- 510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

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**CERTIFICATE OF ANALYSIS WH12207205**

Sample Description	Method Analyte Units LOR	WEI- 21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %
		0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
ZZ32650		0.22	6.92	7.39	566	640	4.95	59.7	1.41	10.55	157.5	8.7	30	16.50	1770	5.35
ZZ33746		0.24	9.08	6.87	408	580	6.08	75.3	1.42	11.20	164.5	12.3	27	21.8	1770	5.58
ZZ33747		0.25	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
ZZ33748		0.24	9.33	6.82	217	570	6.15	87.7	1.08	9.21	156.0	9.1	21	17.95	2350	5.36
ZZ33749		0.23	1.50	7.72	42.8	590	9.90	63.7	1.21	5.26	142.5	7.8	16	39.8	753	5.07
ZZ33750		0.28	3.26	8.16	113.0	670	11.45	103.0	1.44	6.54	113.0	10.1	16	23.3	913	5.00
ZZ33942		0.24	3.17	7.23	50.1	500	9.88	12.60	1.54	11.30	166.5	9.3	34	19.45	375	4.04
ZZ33943		0.24	1.27	6.73	34.1	450	6.97	13.45	1.05	5.33	240	5.3	11	12.25	215	4.21
ZZ33944		0.20	1.58	7.42	34.7	520	9.19	16.05	1.43	4.61	237	11.0	32	27.1	203	6.09
ZZ33945		0.20	0.97	7.14	31.1	510	5.89	9.50	1.42	2.90	263	7.0	24	13.45	107.0	5.38
ZZ33946		0.20	0.94	6.94	23.9	530	5.16	3.89	0.98	2.40	178.5	3.4	11	11.20	86.2	3.29
ZZ33947		0.21	1.07	7.01	16.8	450	14.25	7.80	1.35	4.45	223	6.3	17	23.5	107.5	5.61
ZZ33948		0.22	1.06	7.06	18.8	490	11.15	7.99	1.56	4.68	225	9.9	33	22.2	119.0	6.10
ZZ33949		0.20	0.67	6.47	29.5	450	7.11	4.69	1.75	4.15	241	9.1	31	14.80	111.5	5.00
ZZ33950		0.22	1.04	7.28	52.4	510	5.83	5.51	1.87	3.83	203	13.1	47	9.84	124.5	5.49

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ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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 C/ O ARCHER, CATHRO & ASSOCIATES (1981)  
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 1016- 510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

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**CERTIFICATE OF ANALYSIS WH12207205**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm
		0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
ZZ32650		22.0	0.27	2.1	1.140	2.30	69.5	52.4	0.72	593	145.0	1.73	18.9	17.4	710	119.5
ZZ33746		23.8	0.30	3.7	1.950	2.57	82.9	116.5	0.70	1180	58.2	1.35	24.7	13.9	590	84.1
ZZ33747		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
ZZ33748		20.6	0.28	3.1	1.820	2.27	68.2	50.2	0.50	784	90.6	1.64	22.2	12.1	580	93.1
ZZ33749		28.2	0.30	3.2	0.560	2.73	65.8	68.1	0.54	1120	26.5	1.55	41.7	9.3	600	42.2
ZZ33750		28.4	0.25	2.0	0.818	2.78	51.8	75.0	0.63	949	41.2	1.89	31.0	12.8	520	41.8
ZZ33942		24.8	0.26	5.8	0.766	2.61	81.2	92.0	0.83	1270	6.13	2.30	38.7	10.6	580	220
ZZ33943		25.2	0.37	9.9	0.527	2.29	113.0	55.2	0.38	1120	10.75	2.56	54.0	5.4	420	88.1
ZZ33944		28.6	0.43	6.4	0.556	1.90	107.5	76.6	0.81	1500	8.24	2.38	63.9	17.4	780	85.4
ZZ33945		26.4	0.42	12.0	0.427	1.97	120.5	48.5	0.60	1340	6.60	2.58	74.0	11.6	710	58.5
ZZ33946		25.0	0.31	7.0	0.318	2.42	81.6	38.1	0.24	850	5.44	3.00	44.1	6.4	380	76.8
ZZ33947		27.6	0.38	10.3	0.441	1.65	99.7	61.9	0.55	1620	4.58	2.95	97.1	8.4	680	178.0
ZZ33948		26.2	0.40	11.3	0.500	1.60	101.5	63.5	0.83	1840	5.81	2.44	78.0	17.6	840	276
ZZ33949		24.0	0.33	6.6	0.351	1.65	111.0	49.1	0.73	1300	5.60	2.11	61.6	16.0	830	141.5
ZZ33950		23.7	0.32	5.8	0.424	1.55	92.0	42.3	1.01	1320	8.91	2.18	48.2	23.9	820	80.5

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: STRATEGIC METALS LTD.  
 C/ O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016- 510 W HASTINGS ST  
 VANCOUVER BC V6B 1L8

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 Account: MTT

Project: Meloy

**CERTIFICATE OF ANALYSIS WH12207205**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm
		0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
ZZ32650		159.0	<0.002	0.03	1.70	9.5	3	17.5	222	1.13	2.94	24.2	0.267	2.05	40.4	59
ZZ33746		231	<0.002	0.03	1.73	8.4	3	37.6	144.5	1.48	2.37	24.4	0.311	3.14	22.1	44
ZZ33747		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
ZZ33748		163.5	0.003	0.03	1.61	7.2	4	21.0	159.5	1.39	3.73	28.9	0.230	2.24	29.2	41
ZZ33749		307	<0.002	0.01	0.33	8.4	3	37.1	165.0	2.39	2.90	26.5	0.284	3.68	22.5	35
ZZ33750		237	<0.002	0.02	0.44	9.4	2	23.7	247	1.75	2.74	22.0	0.307	2.97	29.6	53
ZZ33942		187.5	<0.002	0.02	0.70	10.0	3	39.7	203	2.33	0.10	27.7	0.340	2.64	13.1	56
ZZ33943		150.5	0.002	0.02	0.36	9.0	4	18.5	119.5	3.33	0.09	49.4	0.312	1.59	21.9	28
ZZ33944		158.5	0.002	0.04	0.58	13.3	5	19.5	177.0	3.61	0.07	50.1	0.455	1.74	21.2	60
ZZ33945		152.0	0.003	0.03	0.48	13.4	6	15.6	132.0	4.65	<0.05	59.5	0.438	1.41	21.4	48
ZZ33946		144.0	<0.002	0.01	0.14	6.7	3	12.0	109.5	2.62	<0.05	42.2	0.231	1.38	15.1	15
ZZ33947		135.5	<0.002	0.02	0.31	13.5	5	35.3	139.5	5.28	<0.05	56.0	0.439	1.49	18.7	38
ZZ33948		137.0	0.003	0.05	0.62	14.7	5	34.7	190.5	5.07	0.05	69.6	0.475	1.66	19.5	66
ZZ33949		142.5	<0.002	0.06	0.54	13.4	4	17.7	183.5	3.75	0.07	46.3	0.434	1.48	12.6	61
ZZ33950		114.5	<0.002	0.05	0.69	15.5	4	12.6	262	2.83	0.11	34.3	0.456	1.14	13.6	86

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 LIMITED  
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**CERTIFICATE OF ANALYSIS WH12207205**

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Au- AA24
		W ppm	Y ppm	Zn ppm	Zr ppm	Au ppm
		0.1	0.1	2	0.5	0.005
ZZ32650		30.9	55.5	1250	51.9	0.131
ZZ33746		166.5	46.3	1370	57.2	0.139
ZZ33747		NSS	NSS	NSS	NSS	0.131
ZZ33748		86.9	51.7	1140	58.9	0.178
ZZ33749		13.9	46.7	610	69.4	0.073
ZZ33750		63.9	56.8	745	43.0	0.064
ZZ33942		29.1	67.5	988	97.3	<0.005
ZZ33943		61.3	103.0	682	169.5	<0.005
ZZ33944		40.9	113.0	989	114.0	<0.005
ZZ33945		66.3	128.0	495	199.0	<0.005
ZZ33946		18.2	82.0	373	103.5	NSS
ZZ33947		17.6	137.0	799	176.0	<0.005
ZZ33948		28.5	130.0	805	201	0.008
ZZ33949		27.6	94.2	552	112.0	<0.005
ZZ33950		49.7	87.3	542	111.0	<0.005

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**CERTIFICATE OF ANALYSIS WH12207205**

Method	CERTIFICATE COMMENTS
ALL METHODS ME- MS61	NSS is non- sufficient sample. REE's may not be totally soluble in this method.

**APPENDIX IV**  
**STATEMENT OF EXPENDITURES**

Statement of Expenditures  
Meloy 1-42 Mineral Claims  
October 29, 2012

Labour

H. Barrell (geologist) Sept. 2012 – 1 day @ \$765.00/day	\$ 856.80
S. Drechsler (geologist) Sept. 2012 – 1 day @ \$765.00/day	856.80
J. Thomson-Gladish (field assistant) Sept. 2012 – 1 day @ \$391.00/day	<u>437.92</u>
	2,151.52

Expenses (including management)

Field room and board – 4 mandays @ \$180.00/manday	870.91
Trans North Helicopters – 1.4 hours Hughes 500D + fuel	1,752.71
ALS Chemex	5,965.40
Report preparation estimate	<u>2,313.00</u>
	10,902.02

Total	<u>\$13,053.54</u>
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ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
1016 – 510 West Hastings Street  
Vancouver, B.C. V6B 1L8

Telephone: 604-688-2568

Fax: 604-688-2578

AFFIDAVIT

I, Joan Mariacher, of Vancouver, B.C. make oath and say:

That to the best of my knowledge the attached Statement of  
Expenditures for exploration work on the Meloy 1-42  
mineral claims on claim sheets 115G/8 is accurate.

  
Joan Mariacher

Sworn before me at Vancouver, B.C.

this 29th day of October 2012.

  
Barrister & Solicitor

**IAN J. TALBOT**  
Barrister & Solicitor  
281 East 5th Street  
North Vancouver  
British Columbia  
Canada V7L 1L8