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**ASSESSMENT REPORT**

describing

**GEOLOGICAL MAPPING, PROSPECTING, HAND TRENCHING  
AND SOIL GEOCHEMISTRY**

Work performed from August 19 to 25, 2014

at the

**MELOY PROPERTY**

Meloy 1-24 YC65705-YC65724  
21-42 YC65745-YC65766

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

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.  
January 2015

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## **INTRODUCTION**

The Meloy property covers porphyry and vein style, copper±gold±silver±molybdenum ±tungsten±tin±zinc mineralization. The property is located in the Ruby Range of southwestern Yukon and is owned 100% by Strategic Metals Ltd.

This report describes a seven-day program of geological mapping, prospecting, hand trenching and soil geochemistry that was conducted on the Meloy property between August 19 and 25, 2014. The work was performed by Archer, Cathro & Associates (1981) Limited on behalf of Strategic Metals. The author participated in the field program and interpreted the data from work. The author's Statement of Qualifications is in Appendix I and a Statement of Expenditures is located in Appendix II.

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

The Meloy property comprises 42 contiguous mineral claims located 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 property covers an area of approximately 850 ha (8.5 km<sup>2</sup>). 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.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
Meloy 1-20	YC65705-YC65724	March 31, 2027
21-42	YC65745-YC65766	March 31, 2027

\* Expiry dates include 2014 work that has been filed for assessment credit, but not yet accepted.

Access to the property in 2014 was provided by a Bell 206B helicopter operated by Capital Helicopters (1995) Limited of Whitehorse from the Burwash Airport, which is located about 45 km west of the Meloy property.

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 extends from Aishihik to the Meloy property and nearby historical placer workings (Figure 2).

The Meloy property lies within the traditional territory of the Kluane and White River first nations. The Kluane First Nation has concluded a land claim agreement with Canada and Yukon; however, the White River First Nation has not yet signed a land claim agreement.

## **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 the area was 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**

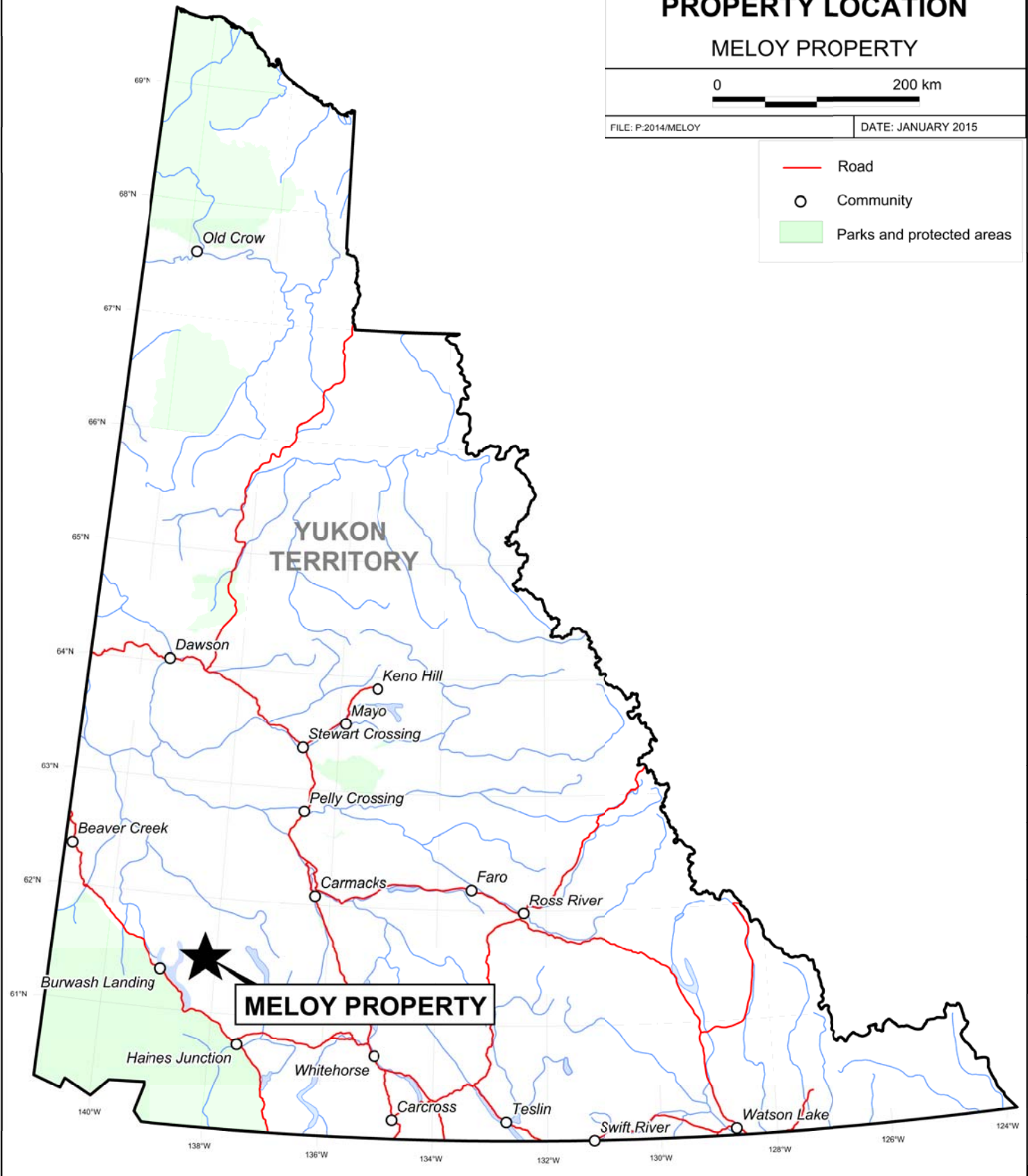
MELOY PROPERTY

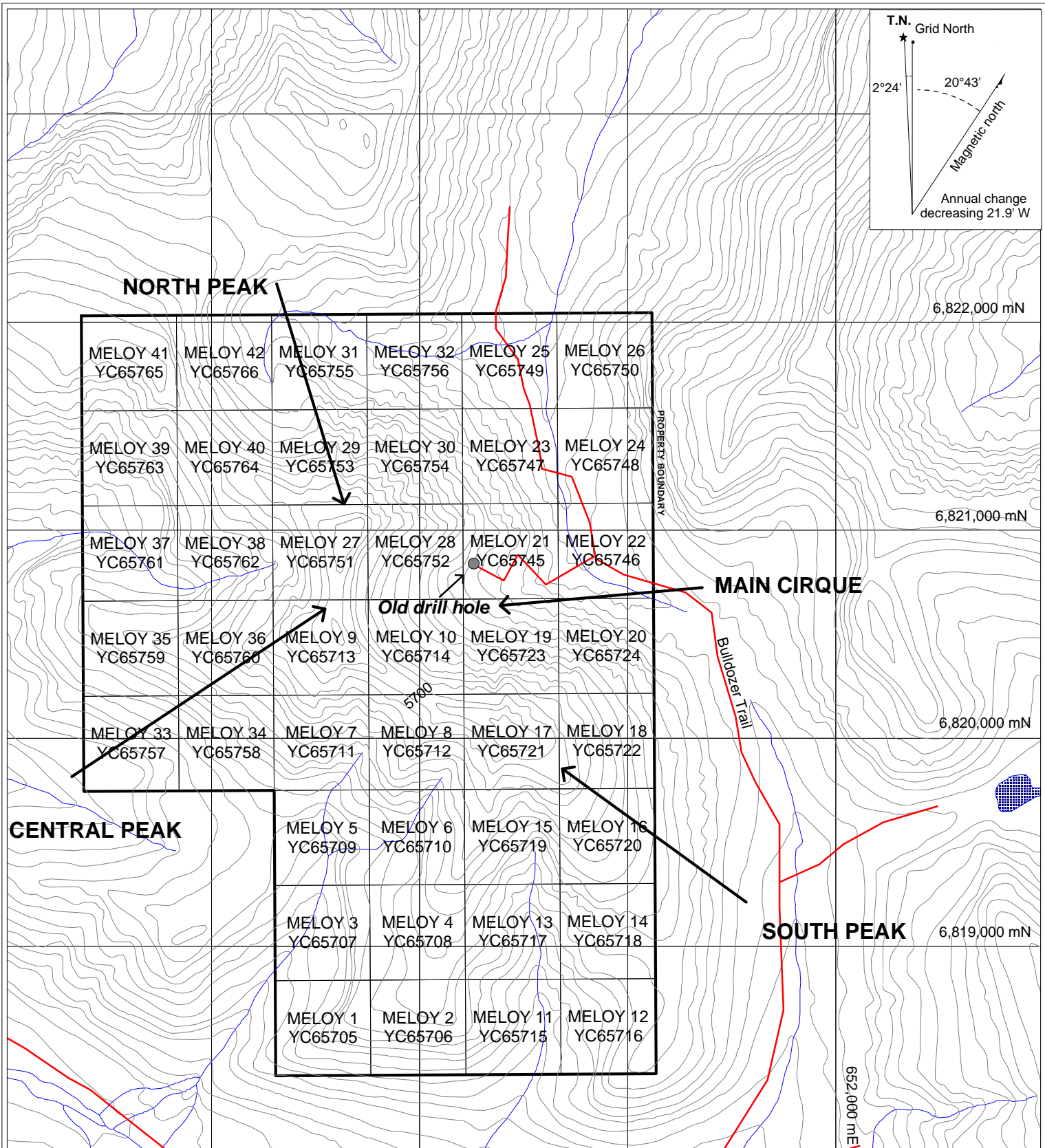


FILE: P:2014/MELOY

DATE: JANUARY 2015

-  Road
-  Community
-  Parks and protected areas





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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: .../2014/MELOY

DATE: JANUARY 2015

In 1970, Phelps Dodge acquired a large claim block and conducted a work program that included mapping, geochemical surveys and one diamond drill hole (66.7 m) on the floor of the Main Cirque (Figure 2). No drill logs or 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 moderately to strongly anomalous results including peak values of 97 ppm copper, 28 ppm tungsten, and 298 ppm zinc (Friske *et al.*, 1986).

In 2007, Strategic Metals staked the Meloy property. In 2008, it performed a three day program comprising prospecting and soil sampling. Results from this program 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 geochemically sampling the Meloy property. Eleven rock and 58 soil samples were collected for analysis. Results from this work supported the anomalies identified by the 2008 program. 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 lows in the northern part of the property and a number of linear lows 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 agreement.

In summer 2012, after the option agreement with Alix expired, Strategic Metals performed one day of mapping, prospecting and soil sampling. Eight rock samples and 135 soil samples were collected for analysis. Rocks yielded up to 0.303 g/t gold, 1.04% copper, 18.7 ppm silver, 1.47% molybdenum, 341 ppm tungsten, 119 ppm tin, and 589 ppm zinc. Soil sampling expanded the soil geochemical anomaly to encompass a 2500 m in diameter area with a 1000 m in diameter core of strong to very strong copper, gold, silver and molybdenum values. The core is centered on the Main Cirque (Figure 2) and includes peak values of 4520 ppm copper, 673 ppb gold, 18.6 ppm silver, 595 ppm molybdenum, 266 ppm tungsten, 217 ppm tin and 2090 ppm zinc (Smith, 2012).

In August 2013, Strategic Metals contracted Underhill Geomatics Ltd. to fly aerial photography over the Meloy property. An interpretation of the air photos was completed in spring 2014 and identified outcrop locations, vegetation and overburden covered areas, and colour variations that

are thought to reflect differences in alteration types. These air photo features are used as an underlay for the geochemistry figures presented later in this report (Burrell, 2014).

### **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 and vegetation. North-facing slopes are largely 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, south-facing slopes and small upland plateaus.

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

### **REGIONAL GEOLOGY**

The property is located between the Tintina and Denali faults (Figure 3). The regional geology was originally mapped at 1:250,000 scale by the Geological Survey of Canada (GSC) in the early 1970s (Templeman-Kluit, 1974). In 1999, Gordey and Makepeace (1999) reinterpreted regional geology in the Meloy area as part of a Yukon-wide compilation. 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 recently published data.

Rocks in the vicinity of the Meloy property belongs to three main tectonic elements: 1) Kluane Schist; 2) Ruby Range Suite; and 3) Yukon-Tanana Terrane. Collectively these elements form a northeast-dipping structural stack that exposes a roughly 40 km thick section of crust, extending from the Denali Fault to the White River. Figure 4 illustrates the current mapping near the Meloy property, while Table I below contains updated geological descriptions of the main units in the region.



# STRATEGIC METALS LTD.

FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

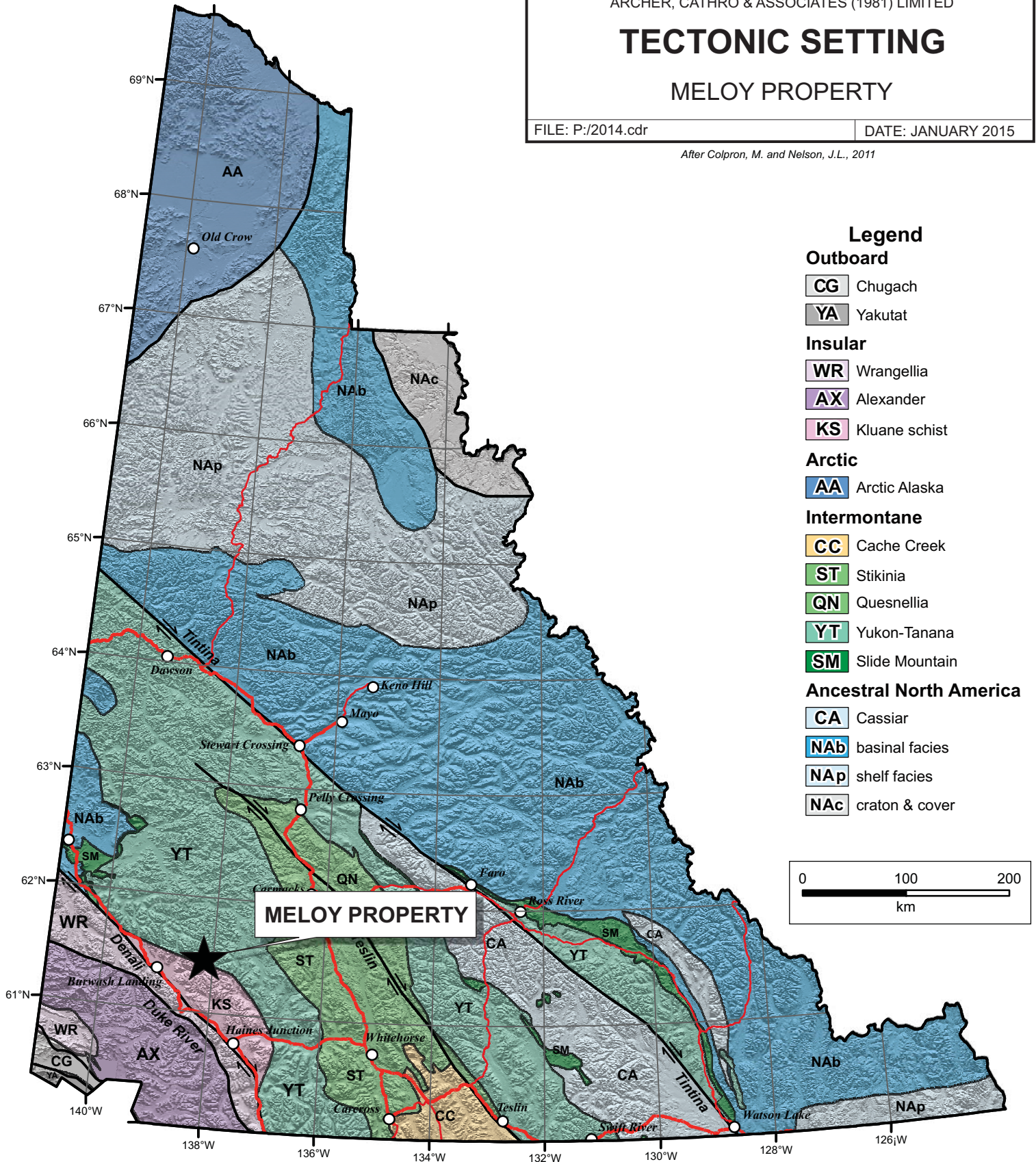
## TECTONIC SETTING

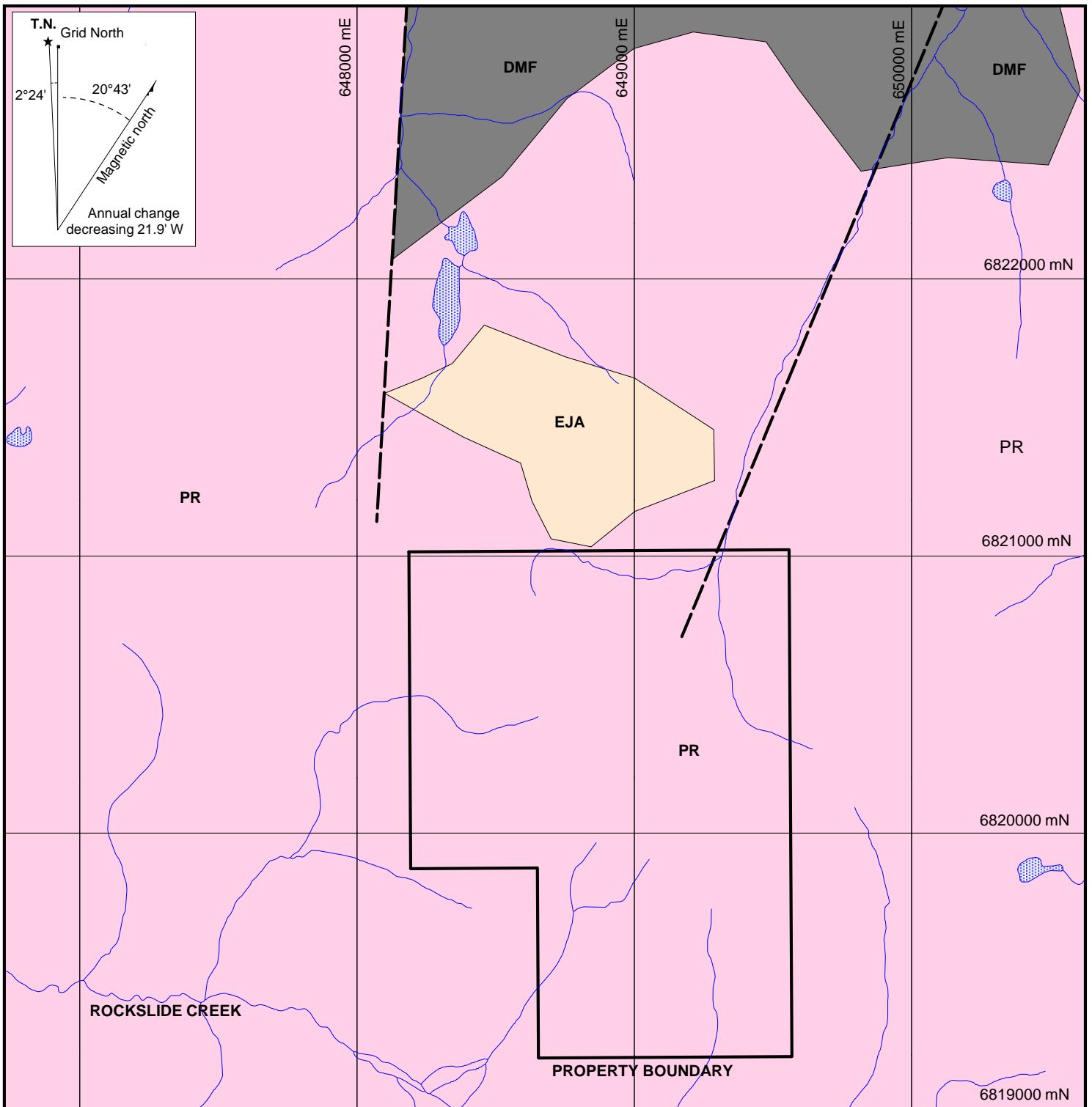
### MELOY PROPERTY

FILE: P:/2014.cdr

DATE: JANUARY 2015

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





**OVERLAP ASSEMBLAGES**  
PALEOCENE

**PR** Ruby Range Suite (ca. 64-57 Ma): 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 distinctive smokey grey quartz.

EARLY JURASSIC

**EJA** Alaskite Creek Pluton (ca. 177 Ma): massive, unfoliated, medium grained, pink and grey, biotite-hornblende granite; greenish colour from altered plagioclase crystals; moderately to strongly magnetic.

YUKON-TANANA TERRANE

UPPER DEVONIAN TO LOWER MISSISSIPPIAN

**DMF** Finalyson Assemblage: polydeformed and metamorphosed mafic to felsic metavolcanic rocks; carbonaceous pelite, quartzite and psammite; quartz-muscovite schist; light grey to beige marble.

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FIGURE 4  
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**REGIONAL GEOLOGY**

MELOY PROPERTY



**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.
Alaskite Creek (EJA)	Early Jurassic	Massive, unfoliated, medium grained, green-pink-grey, biotite±hornblende granite, plagioclase crystals altering to a greenish colour, moderately to strongly magnetic.
Finlayson Assemblage (DMF)	Upper Devonian to Lower Mississippian	Polydeformed and metamorphosed mafic to felsic metavolcanic rocks; carbonaceous pelite, quartzite and psammite; quartz-muscovite schist; light grey to beige marble.

The Finlayson Assemblage of the YTT was thrust over Kluane Schist (Israel et al., 2010), before the Ruby Range Batholith and other plutons of the Ruby Range Suite intruded between and through both of the metamorphic packages. Younger, more felsic and porphyritic phases of the Ruby Range Suite occur in the upper part of the batholith. The contacts between the Finlayson Assemblage and the Ruby Range Suite are irregular and often formed by faults.

In the vicinity of the Meloy property, a Ruby Range Suite pluton obscures the Finlayson Assemblage-Kluane Schist contact. A large embayment and roof pendants of Finlayson Assemblage overlie parts of the Ruby Range Suite pluton north of the property, and both of these units are cut by two late-stage, northerly-trending faults. A raft of Alaskite Creek granite is preserved between these faults.

### **PROPERTY GEOLOGY**

In 2014, two days were spent mapping the Main Ridge and Main Cirque on the property at 1:5000 scale (Figure 5). Systematic geological mapping elsewhere on the property has not been attempted and will be difficult because access to bedrock is limited by talus cover in some areas and cliffs in others.

The Meloy property is wholly underlain by Ruby Range Suite, 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. On the property, the Ruby Range Suite has been subdivided using distinctive weathering characteristics, which are likely related to alteration types. Rusty weathering Ruby Range Suite appears to be weakly argillic altered and contains minor pyrite around mafic minerals; grey weathering Ruby Range Suite is thought to be weakly potassic altered or unaltered; and tan weathering Ruby Range Suite is strongly clay altered. No detailed petrographic studies have been done yet to establish the alteration faults.



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

Late stage, fine grained, homogenous, diabase dykes and fine grained aplite to quartz-feldspar porphyry dykes parallel the strongest fracture set. Where exposed, these dykes are up to one metre thick.

Several fracture sets have been measured within Ruby Range Suite. Rose Diagrams were used to determine the dominant orientations (Appendix III). Although a wide range of attitudes were recorded, the primary fractures strike 000 to 045° and dip 65 to 80° to the west. A number of strong, recessively weathering linears cross the Main Ridge. These linears typically trend 000 to 012° and are developed atop strongly fractured dykes or up to two metre wide zones that contain multiple quartz-flooded fractures.

### **MINERALIZATION AND HAND TRENCHING**

To date, the Main Ridge and the Main Cirque have been the primary focus of prospecting on the property. The following descriptions of mineralization, distribution and alteration are mainly based on observations from those areas. Most of the mineralization discovered to date on the property is hosted in quartz veins, veinlets and fractures. The mineralized structures are most evident in the grey weathering Ruby Range Suite. Some mineralization has also been found in the southern part of the property, in quartz veins within an east-trending zone of tan coloured talus that may be derived from a shear zone.

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 is found as fine grains in veins that range from millimetre-scale to 30 cm in width or as coarse rosettes along dry fractures. Bladed wolframite crystals up to 1.5 cm in length are hosted in quartz veins that are up to six centimetres across. No tin minerals have been identified on the property. The orientations of chalcopyrite±bornite± molybdenum-rich veins were recorded during mapping and their dominant orientations were determined using Rose Diagrams (Appendix III). These veins generally strike 150 to 195° and dip shallowly (<30°) or steeply (>65°) to the west. 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, 2 mm cubic crystals
Chalcopyrite	Approximately 4%	Disseminated and blebby crystals
Arsenopyrite	Less than 1%	Fine stringers
Molybdenite	Approximately 3%	Up to 3 cm diameter rosettes
Bornite	Less than 1%	Bands up to 2 cm thick
Wolframite	Approximately 1%	3 mm to 1.5 cm long bladed crystals.

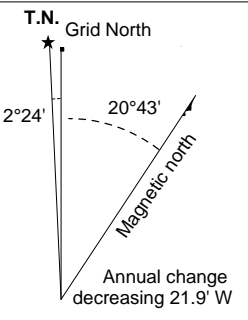
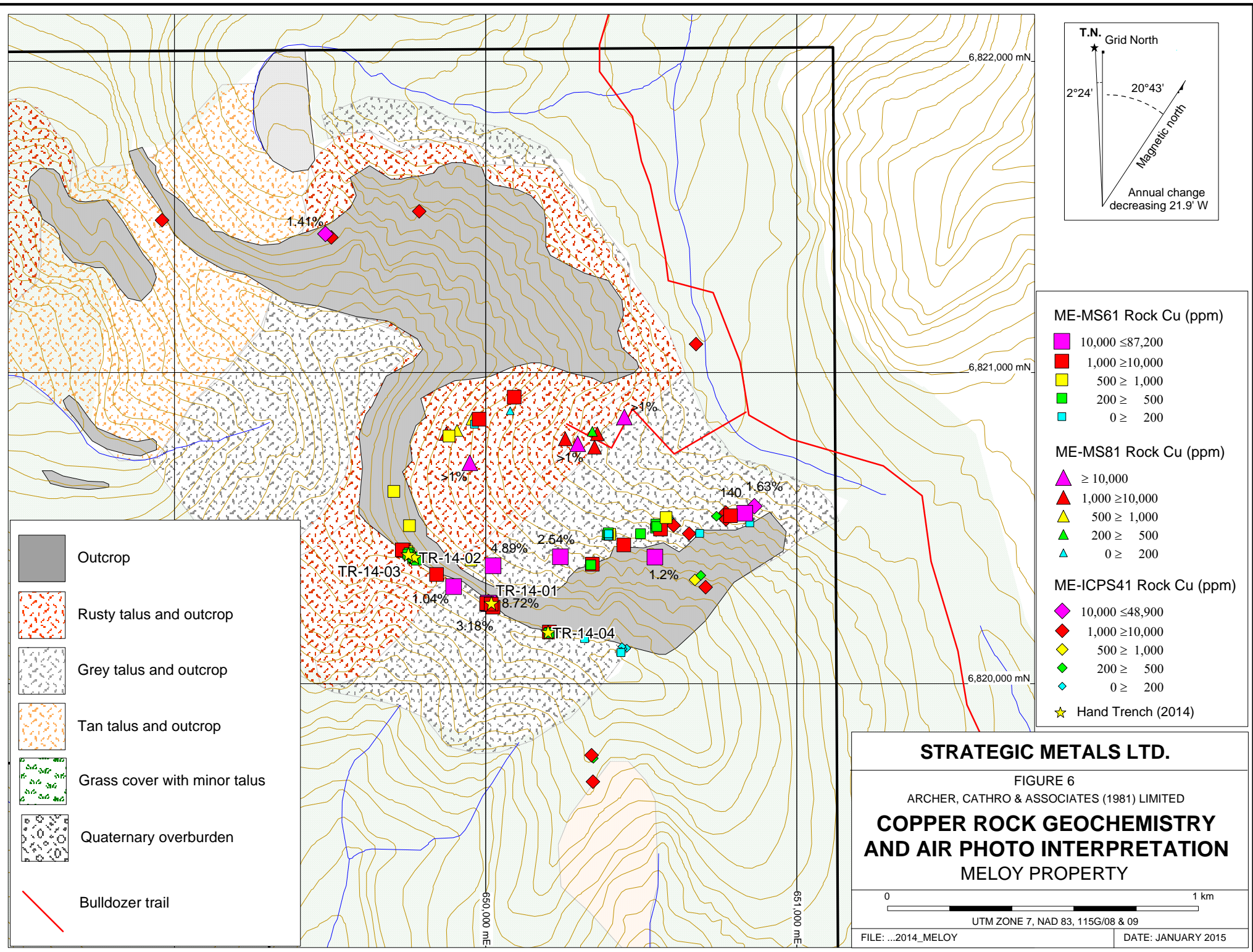
Secondary mineralization occurs within and adjacent to weathered quartz veins and diabase dykes. Malachite and azurite coat talus surfaces and fracture planes in the recessive linears associated with dykes exposed on the Main Ridge. Small limonitic pits after pyrite are common within quartz veins. Scorodite is found within the east-trending zone of tan talus in the southern part of the property.

The highest concentrations of quartz veins are observed within recessive linears along the crest of the Main Ridge and in outcrops along the southern wall of the Main Cirque; however, this apparent distribution may be biased because only the central part of the property has been mapped and prospected. Overall abundance of quartz veins in most parts of the property has not yet been determined.

In 2014, a total of 55 rock samples were collected for analysis. Thirty-one chip samples were collected from bedrock within hand trenches, three chip samples were taken from outcrops and twenty-one rock samples were collected from outcrops, sub-crops or talus (Figure 5). The chip samples from the trenches are described in the hand trenching sub-section below, while the other samples are described in Appendix IV. Thematic results for copper, gold, silver and molybdenum are illustrated on Figures 6 to 9.

All rock sample sites in 2014 were marked with orange flagging tape labeled 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 an individually pre-numbered sample tag placed in each bag. Analytical work was done by ALS Minerals, with sample preparation in Whitehorse and assays and geochemical analyses in North Vancouver. All rock samples were analyzed for gold by fire assay followed by atomic absorption (Au-AA24) and 48 other elements by four acid digestion followed by inductively coupled plasma-atomic emission spectroscopy (ME-MS61). Overlimit values were determined for copper and molybdenum using a four acid digestion followed by inductively coupled plasma-atomic emission spectroscopy (Cu/Mo-OG62). Certificates of Analysis are copied in Appendix V.

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. Descriptions of samples collected during previous programs and sample preparation and analytical techniques used to test them can be found in Smith (2008, 2011 and 2012). Table III lists anomalous thresholds used to describe rock geochemical results.

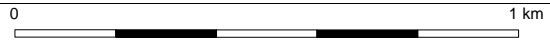


**STRATEGIC METALS LTD.**

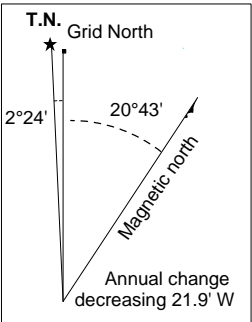
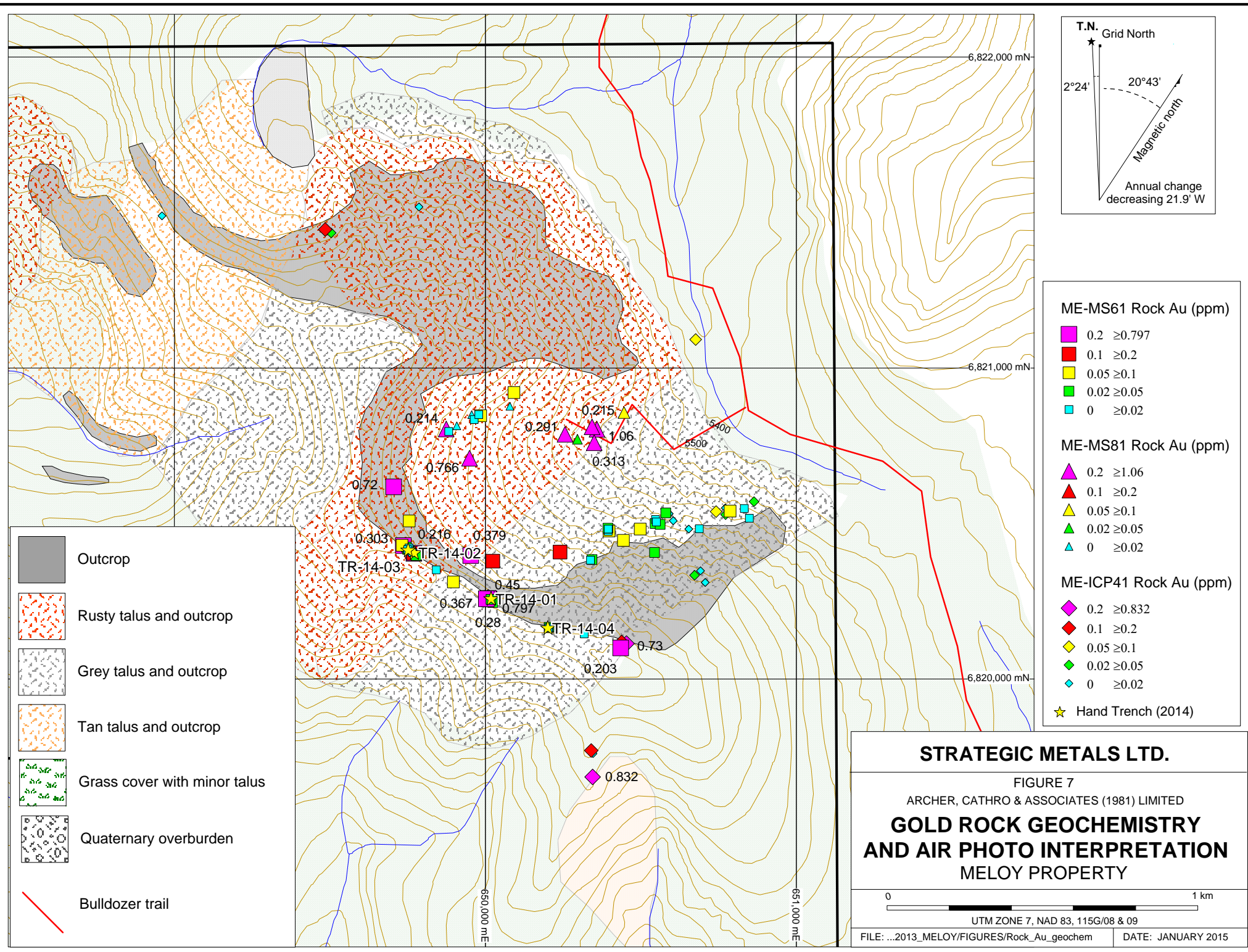
FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**COPPER ROCK GEOCHEMISTRY AND AIR PHOTO INTERPRETATION**  
MELOY PROPERTY

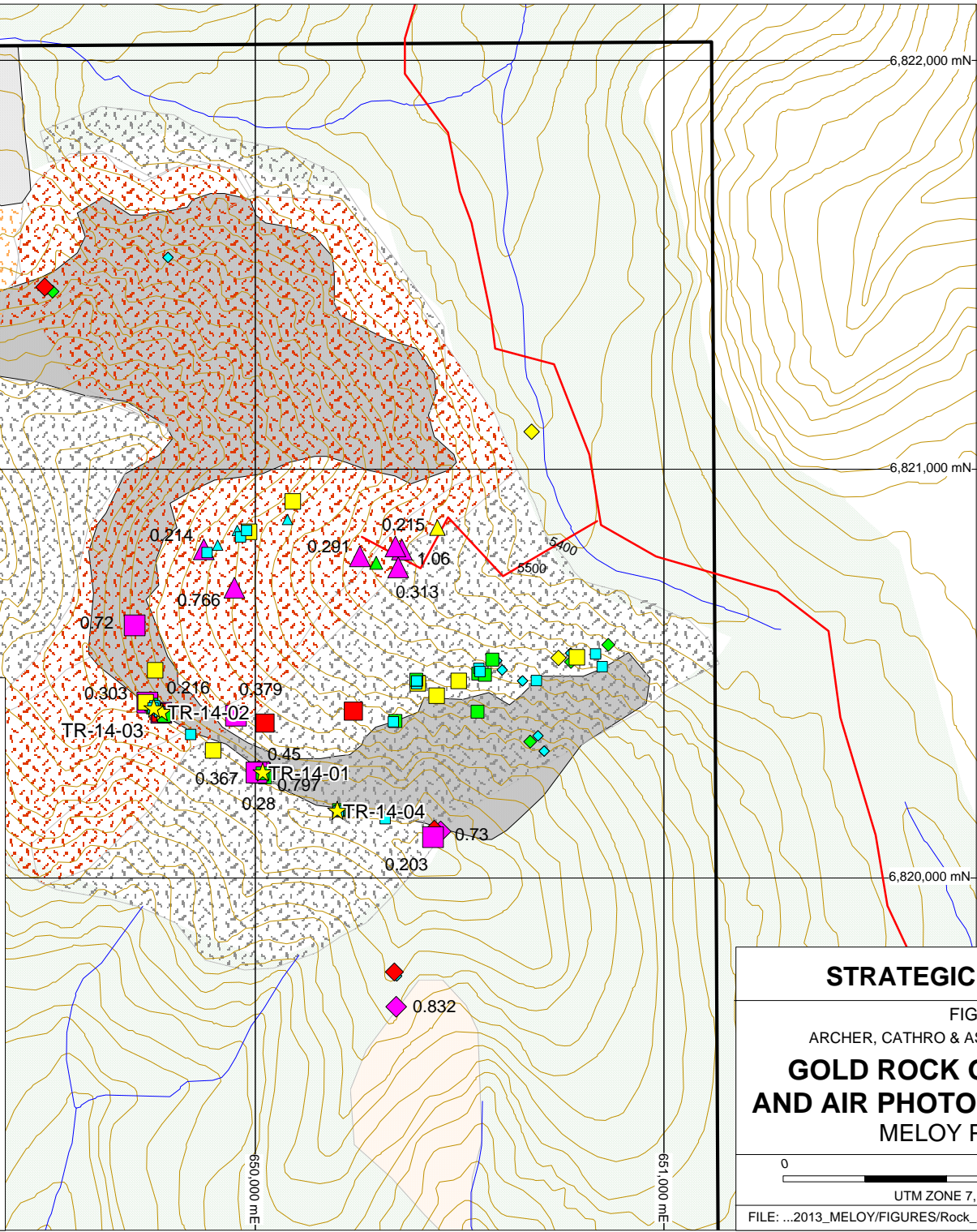


UTM ZONE 7, NAD 83, 115G/08 & 09

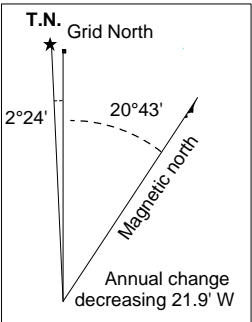
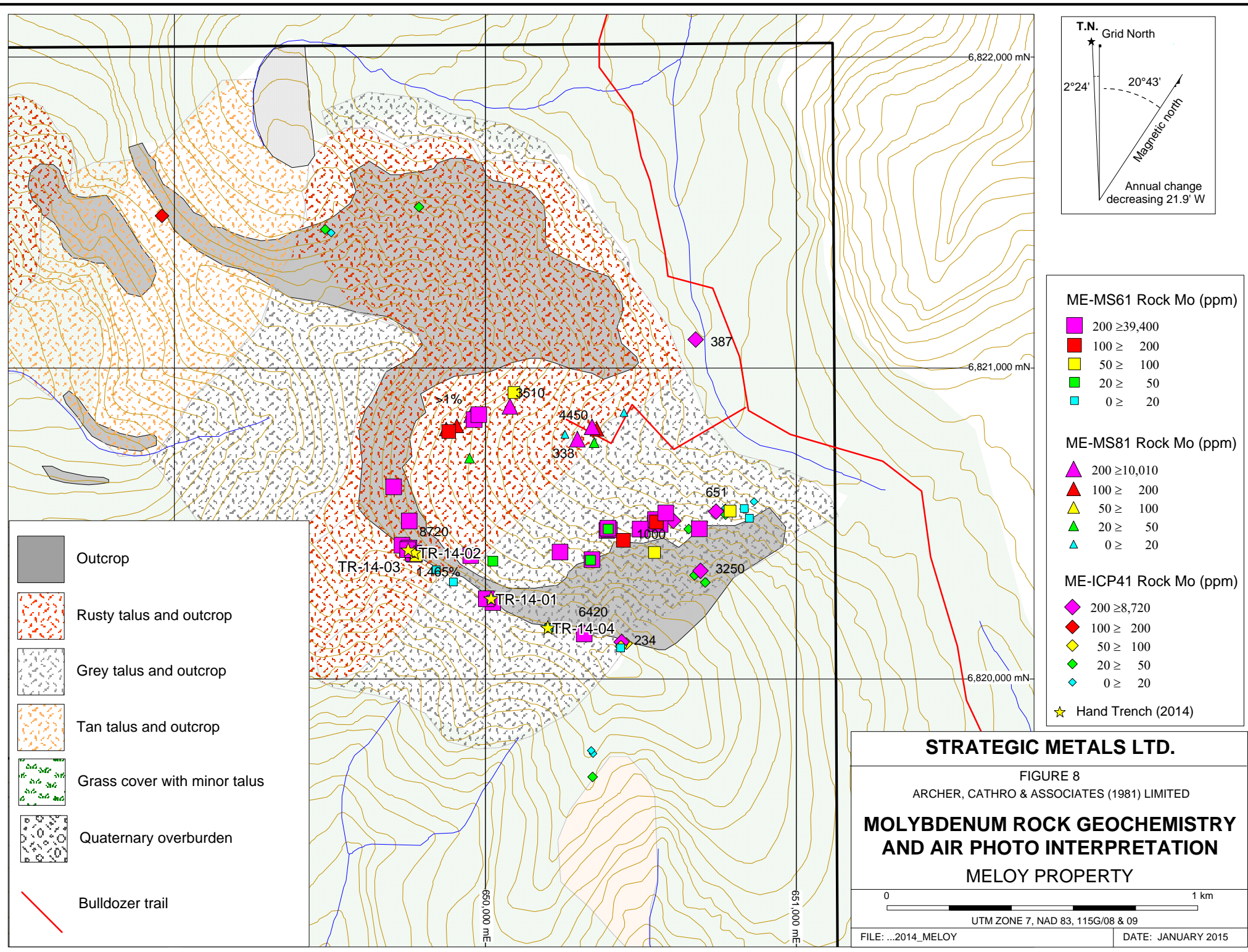









- Outcrop
- Rusty talus and outcrop
- Grey talus and outcrop
- Tan talus and outcrop
- Grass cover with minor talus
- Quaternary overburden
- Bulldozer trail

- ME-MS61 Rock Au (ppm)**
- 0.2 ≥0.797
  - 0.1 ≥0.2
  - 0.05 ≥0.1
  - 0.02 ≥0.05
  - 0 ≥0.02
- ME-MS81 Rock Au (ppm)**
- 0.2 ≥1.06
  - 0.1 ≥0.2
  - 0.05 ≥0.1
  - 0.02 ≥0.05
  - 0 ≥0.02
- ME-ICP41 Rock Au (ppm)**
- 0.2 ≥0.832
  - 0.1 ≥0.2
  - 0.05 ≥0.1
  - 0.02 ≥0.05
  - 0 ≥0.02
  - Hand Trench (2014)

















-  Outcrop
-  Rusty talus and outcrop
-  Grey talus and outcrop
-  Tan talus and outcrop
-  Grass cover with minor talus
-  Quaternary overburden
-  Bulldozer trail






**ME-MS61 Rock Mo (ppm)**

-  200 ≥ 39,400
-  100 ≥ 200
-  50 ≥ 100
-  20 ≥ 50
-  0 ≥ 20

**ME-MS81 Rock Mo (ppm)**

-  200 ≥ 10,010
-  100 ≥ 200
-  50 ≥ 100
-  20 ≥ 50
-  0 ≥ 20

**ME-ICP41 Rock Mo (ppm)**

-  200 ≥ 8,720
-  100 ≥ 200
-  50 ≥ 100
-  20 ≥ 50
-  0 ≥ 20

★ Hand Trench (2014)

**STRATEGIC METALS LTD.**

FIGURE 8  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

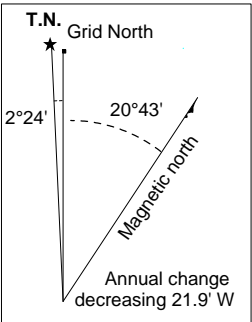
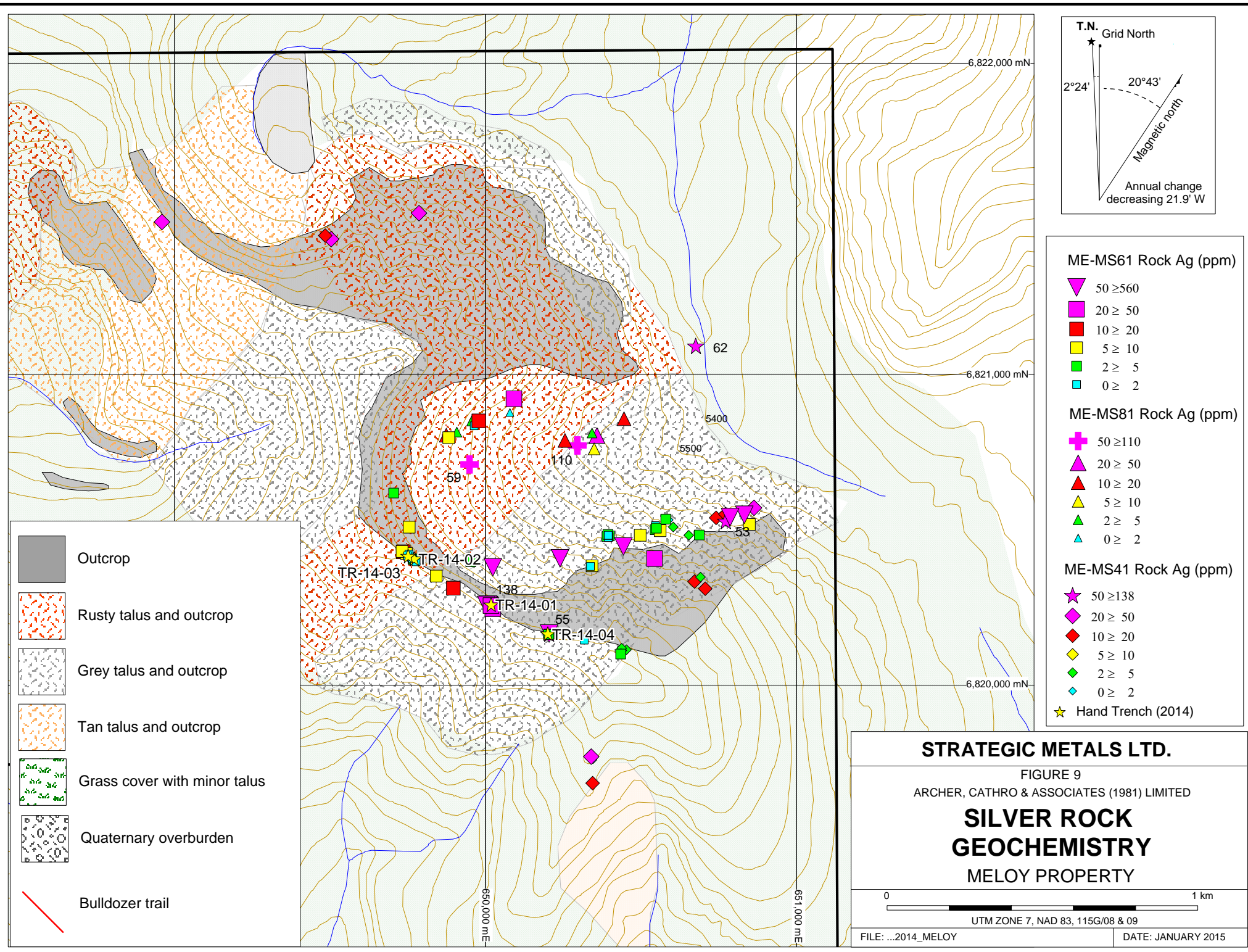
**MOLYBDENUM ROCK GEOCHEMISTRY  
AND AIR PHOTO INTERPRETATION**

**MELOY PROPERTY**

0  1 km

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

FILE: ...2014\_MELOY DATE: JANUARY 2015



**ME-MS61 Rock Ag (ppm)**

- ▼ 50 ≥ 560
- ◆ 20 ≥ 50
- 10 ≥ 20
- 5 ≥ 10
- 2 ≥ 5
- 0 ≥ 2

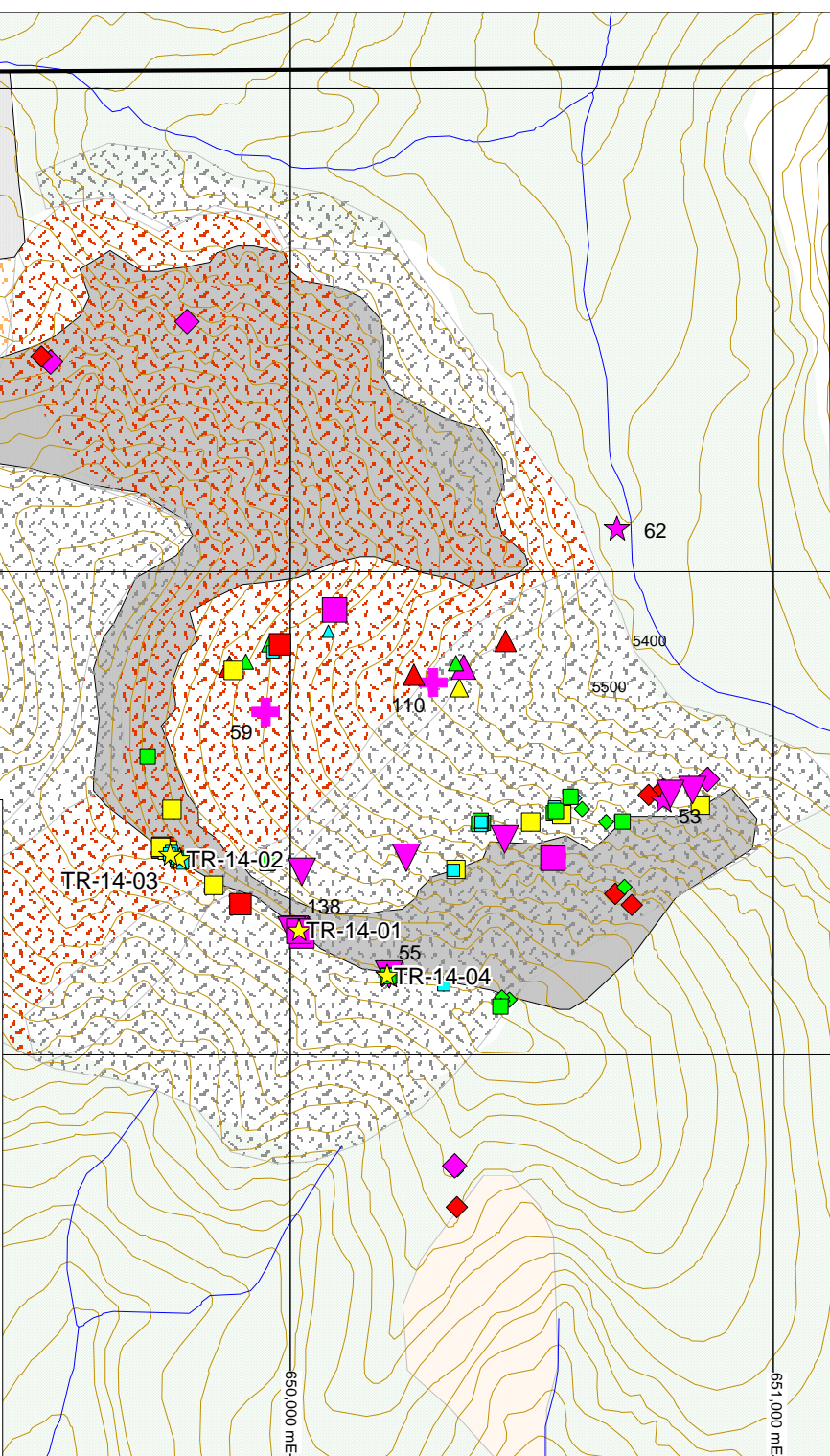
**ME-MS81 Rock Ag (ppm)**

- ✚ 50 ≥ 110
- ▲ 20 ≥ 50
- ▲ 10 ≥ 20
- ▲ 5 ≥ 10
- ▲ 2 ≥ 5
- ▲ 0 ≥ 2

**ME-MS41 Rock Ag (ppm)**

- ★ 50 ≥ 138
- ◆ 20 ≥ 50
- ◆ 10 ≥ 20
- ◆ 5 ≥ 10
- ◆ 2 ≥ 5
- ◆ 0 ≥ 2
- ★ Hand Trench (2014)

- Outcrop
- Rusty talus and outcrop
- Grey talus and outcrop
- Tan talus and outcrop
- Grass cover with minor talus
- Quaternary overburden
- Bulldozer trail



**Table III – Anomalous Rock Thresholds**

<b>Element</b>	<b>Weak (ppm)</b>		<b>Moderate (ppm)</b>		<b>Strong (ppm)</b>	<b>Historical Peak* (ppm)</b>	<b>2014 Peak (ppm)</b>
Copper	>200	≤500	>500	≤1000	>1000	48,900	87,200
Gold	>0.2	≤0.5	>0.5	≤1.0	>1.0	1.06	0.797
Silver	>5	≤10	>10	≤20	>20	138	560
Molybdenum	>50	≤100	>100	≤500	>500	14,700	39,400
Tungsten	>100	≤200	>200	≤500	>500	35,100	3210
Tin	>100	≤200	>200	≤500	>500	1950	264
Zinc	>500	≤1000	>1000	≤2000	>2000	10,010	1980

\* Overlimit analyses for copper and zinc were not performed in 2010.

### **Main Ridge**

The geochemical signature of samples taken along the Main Ridge is notably enriched in copper, silver, molybdenum and tungsten. Individual rock samples returned background to strongly anomalous results, with all strongly anomalous values for elements of interest coming from quartz veins and Ruby Range Suite that is cut by swarms of veinlets. The highest copper (8.72%), gold (0.797 g/t), tungsten (3.51%) and zinc (1780 ppm) values occur in areas underlain by grey weathering Ruby Range Suite, while the highest molybdenum (1.465%), silver (560 ppm) and tin (1950 ppm) values are underlain by rusty weathering Ruby Range Suite.

### **Main Cirque**

A series of continuous chip samples were collected across grey weathering Ruby Range Suite outcrops in the Main Cirque, while rock specimen samples were collected from rusty weathering Ruby Range Suite. Both types of rock samples from the Main Cirque often contain high levels of copper, gold, silver, molybdenum, tungsten and zinc. Samples collected from the southern part of the cirque returned values ranging from background to strongly anomalous for copper (up to 2.54%), tungsten (up to 9770 ppm) and zinc (1980 ppm), while samples from the northern part of the cirque yielded background to strongly anomalous values for molybdenum (greater than 1%), silver (up to 110 ppm) and gold (up to 1.06 g/t). Tin values were typically background to moderately anomalous with one strongly anomalous value (579 ppm).

### **Other areas**

Four rock 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 g/t), silver (up to 26 ppm) and tungsten (up to 7320 ppm). These samples were collected immediately uphill from an area of tan talus that is thought to be derived from a shear zone.

### Hand Trenching

In 2014, four hand trenches were excavated in quartz-veined areas on the Meloy property. Trench maps are provided in Appendix VI. The trenches were oriented perpendicular to mineralized quartz veins, and continuous chip samples were taken along the entire length of each trench. Table IV shows the weighted average grade for each trench.

**Table IV – Hand Trenching – Weighted Average Grades**

Trench	Length (m)	Silver (g/t)	Gold (g/t)	Copper (ppm)	Molybdenum (ppm)	Tungsten (ppm)
TR-14-01	10.0	296	0.208	44700	9.69	685
TR-14-02	10.2	1.16	0.040	298	852	48.7
TR-14-03	15.1	1.31	0.013	326	1003	17.4
TR-14-04	6.4	18.7	0.01	1318	13.64	25.44

In order to evaluate the potential of apparently unmineralized wallrocks between the quartz veined areas, an eight metre composite chip sample of rusty weathering Ruby Range Suite with no quartz veining or visible mineralization was taken along the ridge between TR-14-02 and TR-14-03. This sample returned 2.93 g/t silver, 810 ppm copper, and 54.8 ppm molybdenum. Surprisingly, the silver and copper values are higher than those in the nearby trenches.

### SOIL GEOCHEMISTRY

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

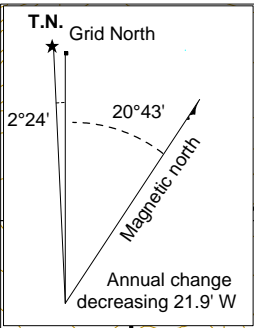
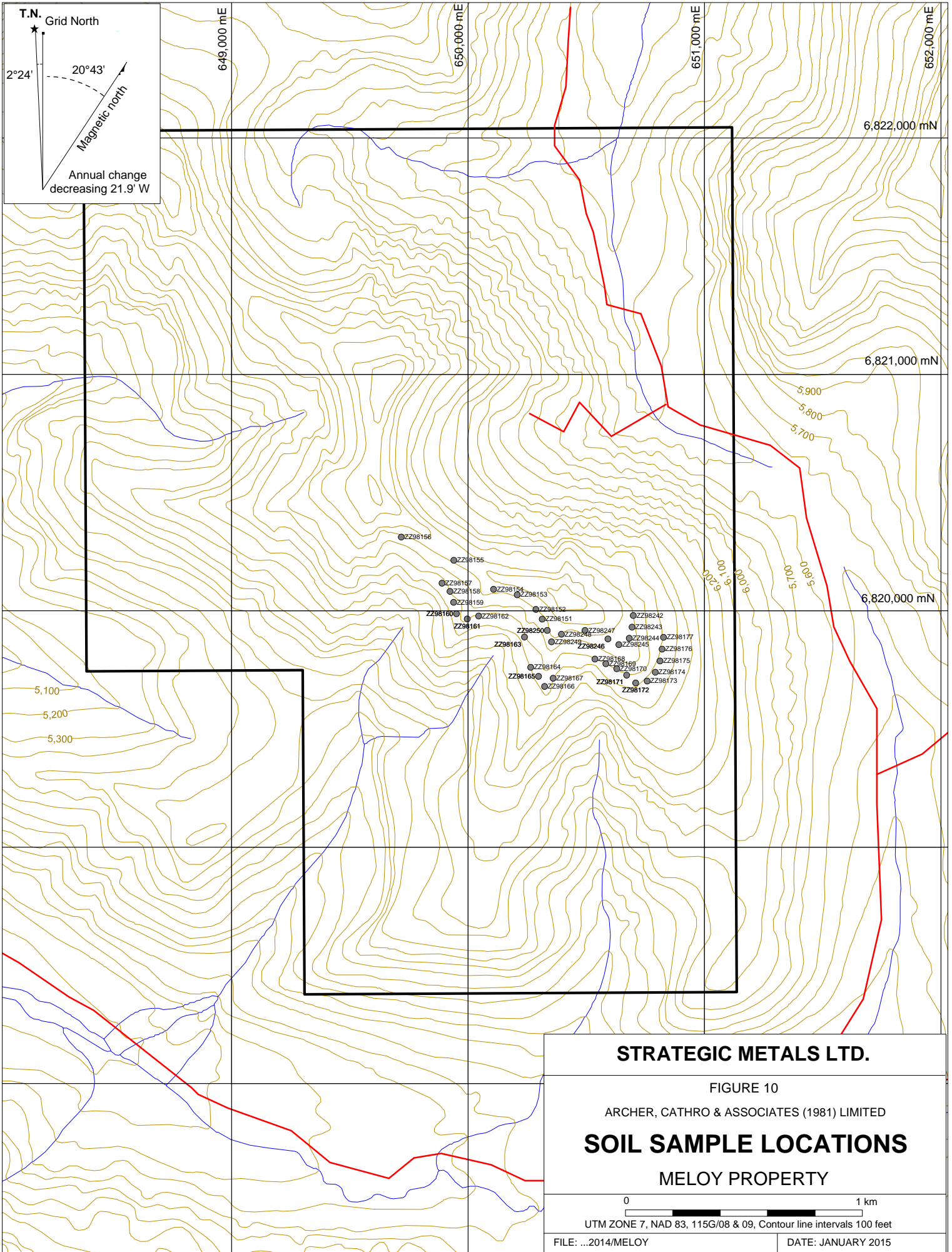
**Table V – Anomalous Soil Thresholds**

Element	Weak	Moderate	Strong	Peak	Regional 95 <sup>th</sup> Percentile *
Copper (ppm)	>100 ≤200	>200 ≤500	>500	4520	118
Gold (ppb)	>20 ≤50	>50 ≤100	>100	673	31
Silver (ppm)	>2 ≤5	>5 ≤10	>10	19	0.4
Molybdenum (ppm)	>5 ≤10	>10 ≤50	>50	595	3
Tungsten (ppm)	>10 ≤20	>20 ≤50	>50	356	16
Tin (ppm)	>10 ≤25	>25 ≤50	>50	217	16
Zinc (ppm)	>200 ≤500	>500 ≤1000	>1000	2090	298

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

In 2014, thirty-six soil samples were collected from the Meloy property (Figure 10). Soil development is poor in most areas sampled because the Ruby Range Suite weathers into talus fines not soil.





**STRATEGIC METALS LTD.**

FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

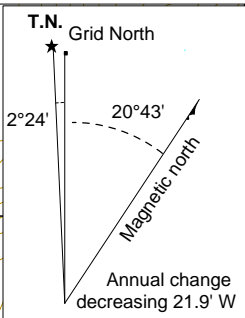
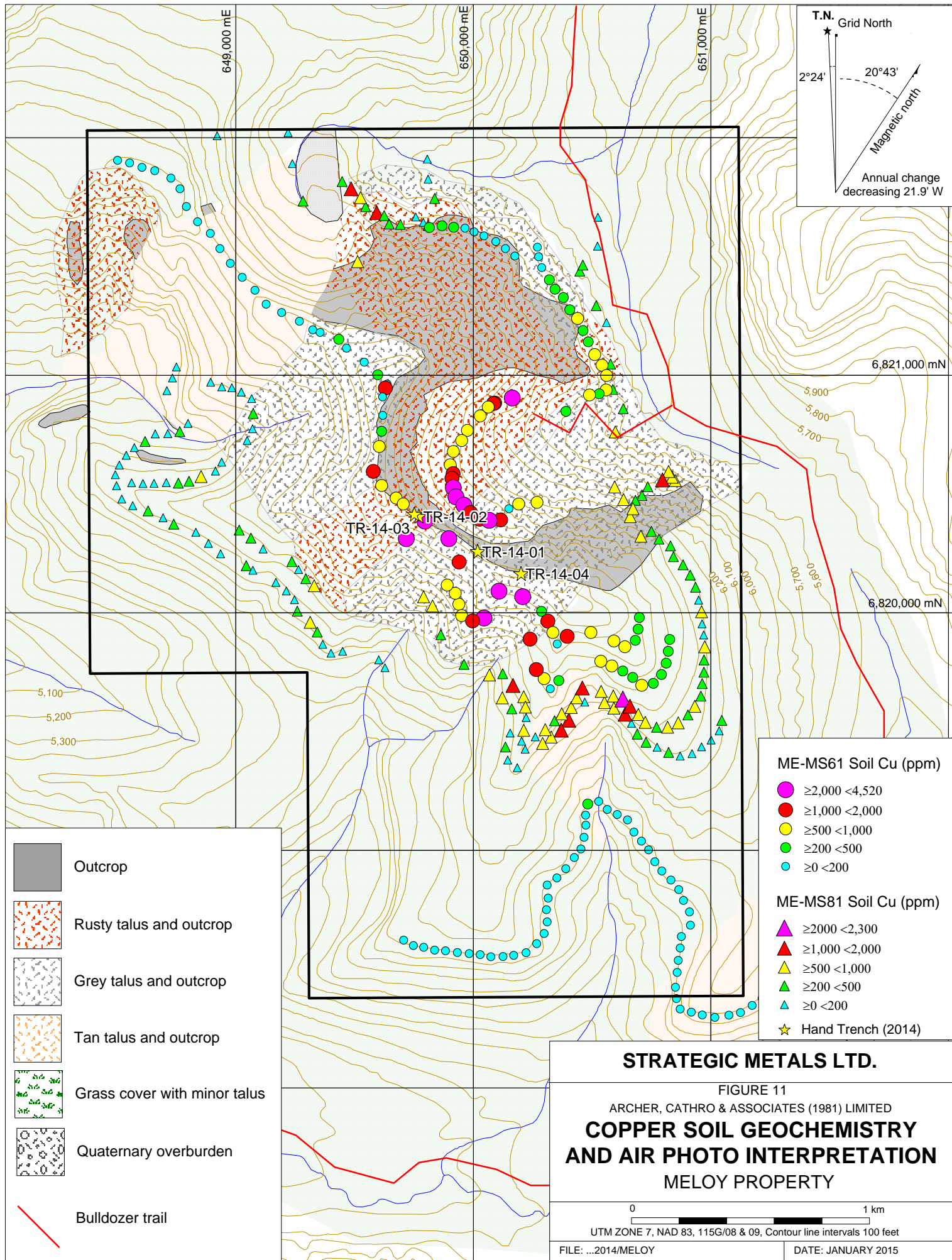
**SOIL SAMPLE LOCATIONS**








MELOY PROPERTY











0 1 km

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

FILE: ...2014/MELOY DATE: JANUARY 2015



-  Outcrop
-  Rusty talus and outcrop
-  Grey talus and outcrop
-  Tan talus and outcrop
-  Grass cover with minor talus
-  Quaternary overburden
-  Bulldozer trail

- ME-MS61 Soil Cu (ppm)**
-  ≥2,000 <4,520
  -  ≥1,000 <2,000
  -  ≥500 <1,000
  -  ≥200 <500
  -  ≥0 <200
- ME-MS81 Soil Cu (ppm)**
-  ≥2000 <2,300
  -  ≥1,000 <2,000
  -  ≥500 <1,000
  -  ≥200 <500
  -  ≥0 <200
- ★ Hand Trench (2014)

**STRATEGIC METALS LTD.**

FIGURE 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**COPPER SOIL GEOCHEMISTRY AND AIR PHOTO INTERPRETATION**

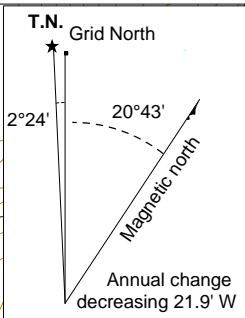
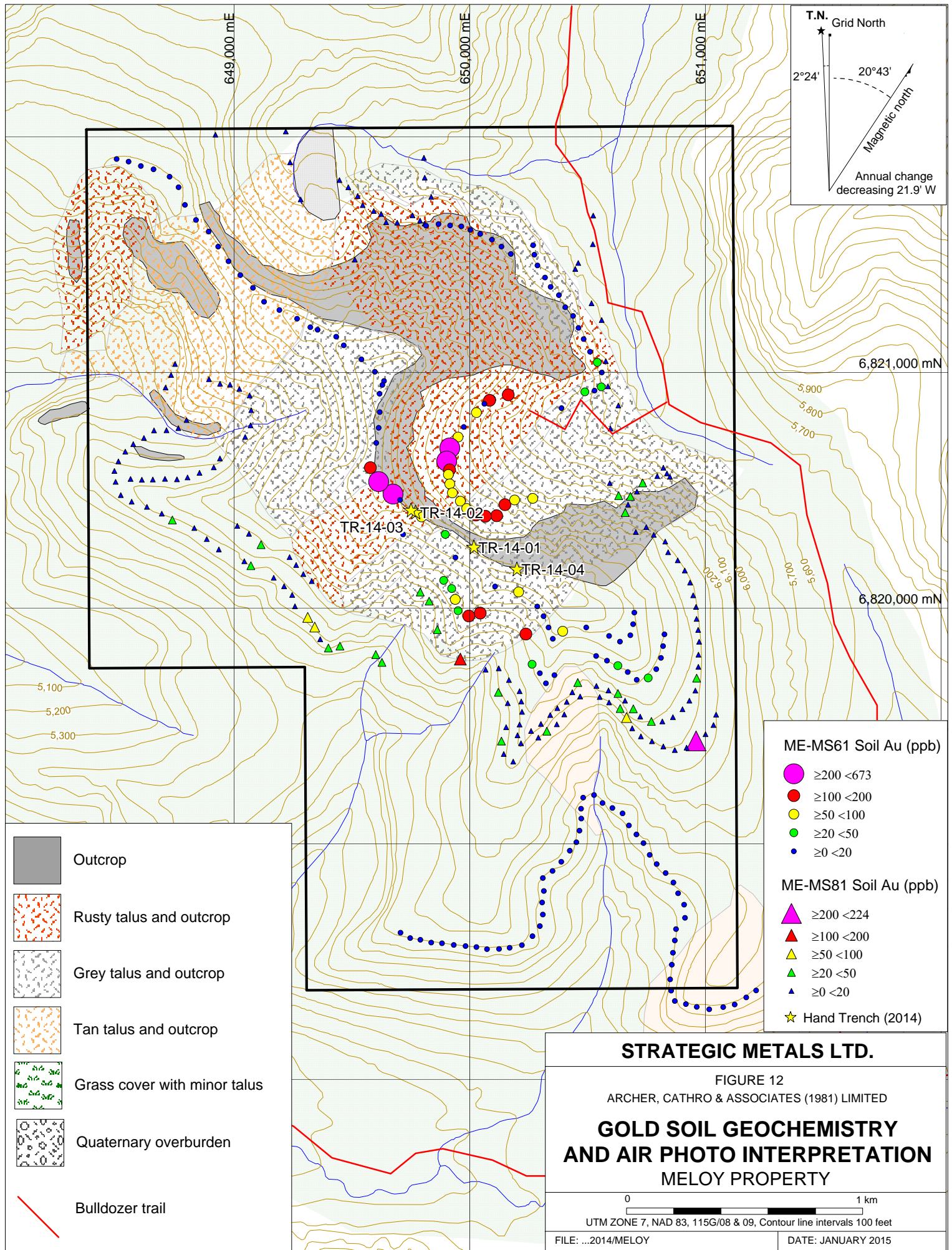
MELOY PROPERTY








0 1 km











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

FILE: ...2014/MELOY DATE: JANUARY 2015





-  Outcrop
-  Rusty talus and outcrop
-  Grey talus and outcrop
-  Tan talus and outcrop
-  Grass cover with minor talus
-  Quaternary overburden
-  Bulldozer trail

- ME-MS61 Soil Au (ppb)**
-  ≥200 <673
  -  ≥100 <200
  -  ≥50 <100
  -  ≥20 <50
  -  ≥0 <20
- ME-MS81 Soil Au (ppb)**
-  ≥200 <224
  -  ≥100 <200
  -  ≥50 <100
  -  ≥20 <50
  -  ≥0 <20
- ★ Hand Trench (2014)

**STRATEGIC METALS LTD.**

FIGURE 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

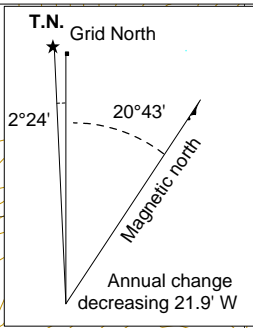
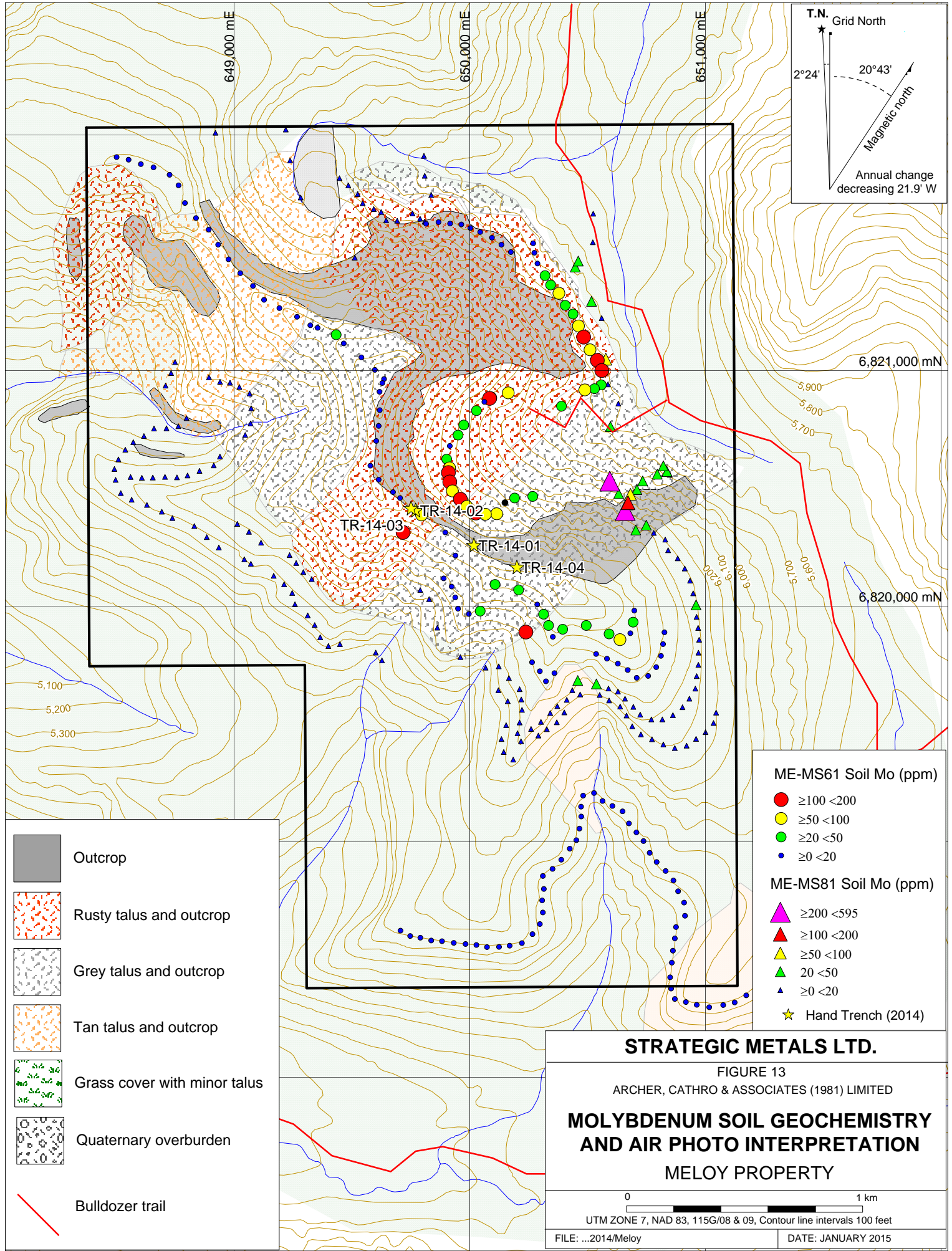
**GOLD SOIL GEOCHEMISTRY  
AND AIR PHOTO INTERPRETATION**

**MELOY PROPERTY**

0 1 km

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

FILE: ...2014/MELOY DATE: JANUARY 2015



- Outcrop
- Rusty talus and outcrop
- Grey talus and outcrop
- Tan talus and outcrop
- Grass cover with minor talus
- Quaternary overburden
- Bulldozer trail

- ME-MS61 Soil Mo (ppm)**
- ≥100 <200
  - ≥50 <100
  - ≥20 <50
  - ≥0 <20
- ME-MS81 Soil Mo (ppm)**
- ≥200 <595
  - ≥100 <200
  - ≥50 <100
  - 20 <50
  - ≥0 <20
- ★ Hand Trench (2014)

**STRATEGIC METALS LTD.**

FIGURE 13  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

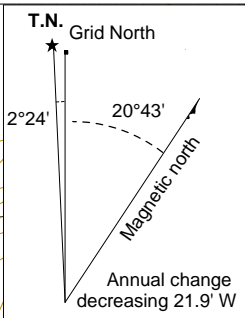
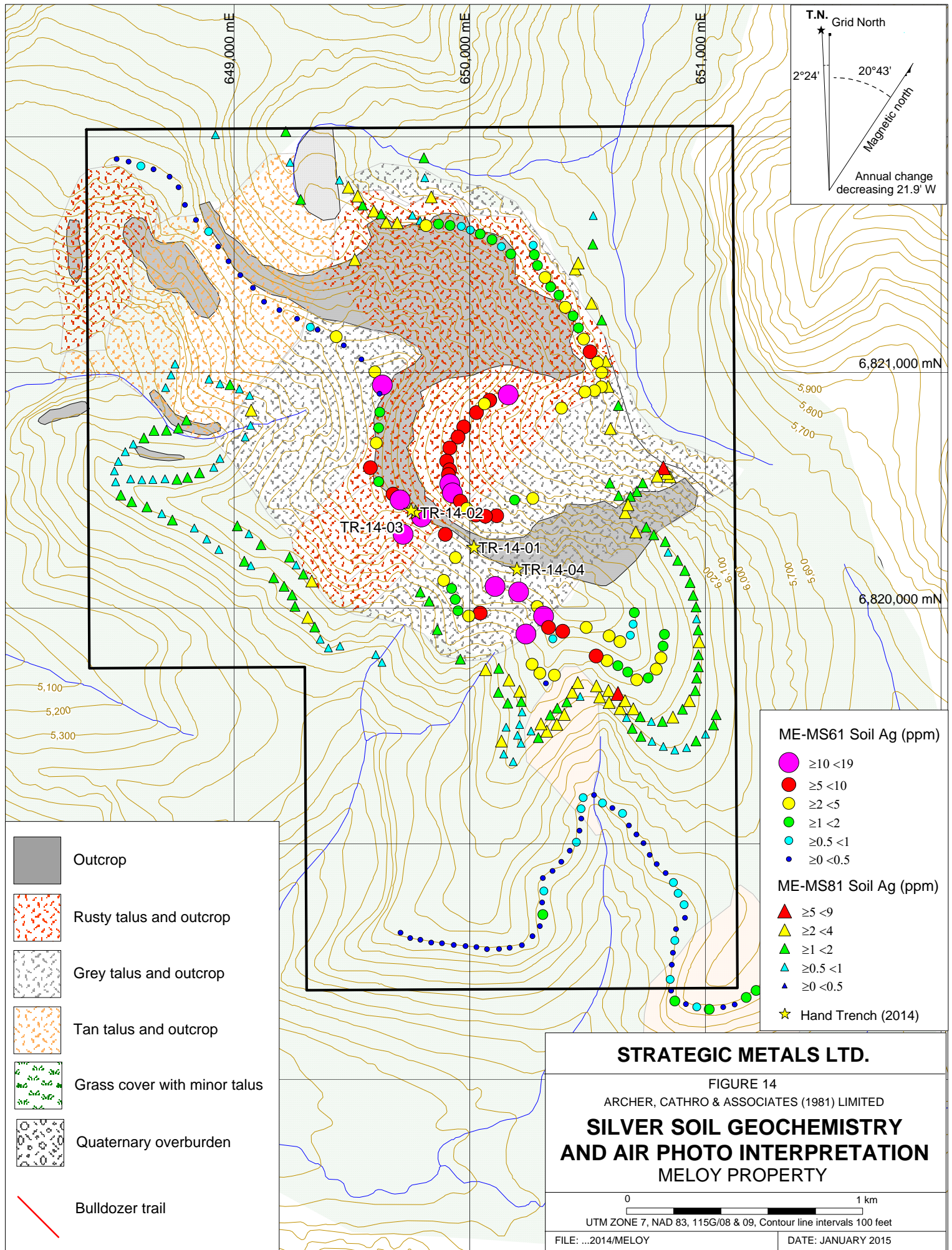
**MOLYBDENUM SOIL GEOCHEMISTRY  
 AND AIR PHOTO INTERPRETATION**








**MELOY PROPERTY**













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

FILE: ...2014/Meloy DATE: JANUARY 2015





-  Outcrop
-  Rusty talus and outcrop
-  Grey talus and outcrop
-  Tan talus and outcrop
-  Grass cover with minor talus
-  Quaternary overburden
-  Bulldozer trail

- ME-MS61 Soil Ag (ppm)**
-  ≥10 <19
  -  ≥5 <10
  -  ≥2 <5
  -  ≥1 <2
  -  ≥0.5 <1
  -  ≥0 <0.5
- ME-MS81 Soil Ag (ppm)**
-  ≥5 <9
  -  ≥2 <4
  -  ≥1 <2
  -  ≥0.5 <1
  -  ≥0 <0.5
  -  Hand Trench (2014)

**STRATEGIC METALS LTD.**

FIGURE 14  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**SILVER SOIL GEOCHEMISTRY  
 AND AIR PHOTO INTERPRETATION**  
 MELOY PROPERTY

0 1 km

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

FILE: ...2014/MELOY DATE: JANUARY 2015

Figures 11 to 14 overlies thematic results for copper, gold, molybdenum and silver from all geochemical surveys, onto the air photo interpretation data. 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 featuring 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, 19 ppm silver, 595 ppm molybdenum, 356 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. No follow up prospecting has been done in this area.

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. No follow up prospecting has been done in any of these areas.

### **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 have been obtained from samples taken across the property. Economic minerals are hosted within fractures and quartz veins cutting rusty and grey weathering rocks of the Ruby Range Suite.

Mineralization is closely tied to a series of northerly-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 the following:

- 1) Detailed geological mapping in the northern part of the Main Cirque and elsewhere on the property where outcrop is accessible;
- 2) Continuous chip sampling along the Main Ridge to test the mineral potential of the rusty and grey weathering Ruby Range Suite rocks in addition to the mineralized quartz veins and dykes. Due to the recessive nature of the mineralized fracture/vein zones blocky intrusive talus will have to be excavated in most areas to expose bedrock, before chip sampling can be done;
- 3) Representative specimens of rusty, tan and grey weathering Ruby Range Suite should be collected so that thin sections can be made for petrographic studies;
- 4) Prospecting should follow up unexplained strongly anomalous soil geochemical values; and,
- 5) Pending favourable results from the chip sampling program, diamond drilling should be done to test the mineralization at depth.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

A handwritten signature in blue ink that reads "Heather Burrell". The signature is written in a cursive style with a large initial 'H' and a long, sweeping tail on the 'l'.

Heather Burrell B.Sc., P.Geo.

## REFERENCES

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Tempelman-Kluit, D.J.

1974 Reconnaissance geology of Aishihik Lake, Snag and part of Stewart River map-areas, west-central Yukon; Geological Survey of Canada.

**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 Whitehorse, Yukon, 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 am a partner in Archer, Cathro & Associates (1981) Limited.
5. I have personally supervised the fieldwork reported herein and have interpreted all data resulting from this work.



Heather Burrell, B.Sc., P.Geo.

**APPENDIX II**  
**STATEMENT OF EXPENDITURES**

Statement of Expenditures  
Meloy 1-42 Mineral Claims  
February 17, 2015

Labour

D. Eaton (geologist) 16 hours August to December at \$120/hr	\$ 2,016.00
H. Burrell (geologist) 114 hours August to December at \$96/hr	11,491.20
G. Smith (field assistant) 64 hours August to December at \$45/hr	3,024.00
S. Burrell (field assistant) 56 hours August to December at \$43/hr	2,528.40
S. Newman (office) 50 1/2 hours August to December at \$62/hr	3,287.55
L. Smith (office & expedite) 38 1/2 hours August to December at \$62/hr	<u>2,506.35</u>
	24,853.50

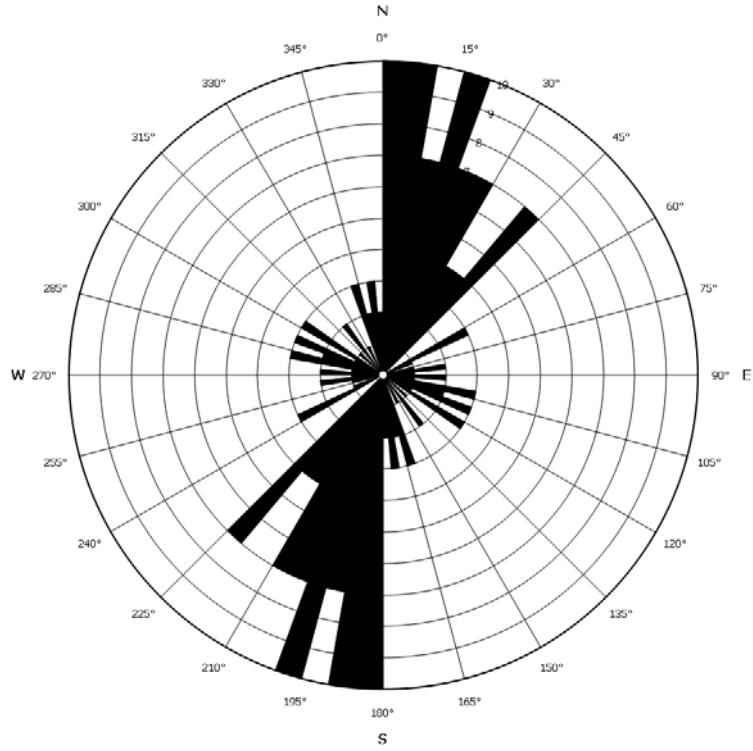
Expenses (including management)

Field room and board – 21 3/8 mandays @ \$180/manday	4,363.07
Capital Helicopters – 6.5 hours Bell 206B at \$1,025/hr plus fuel	9,462.68
ALS Chemex	<u>3,570.48</u>
	17,396.23

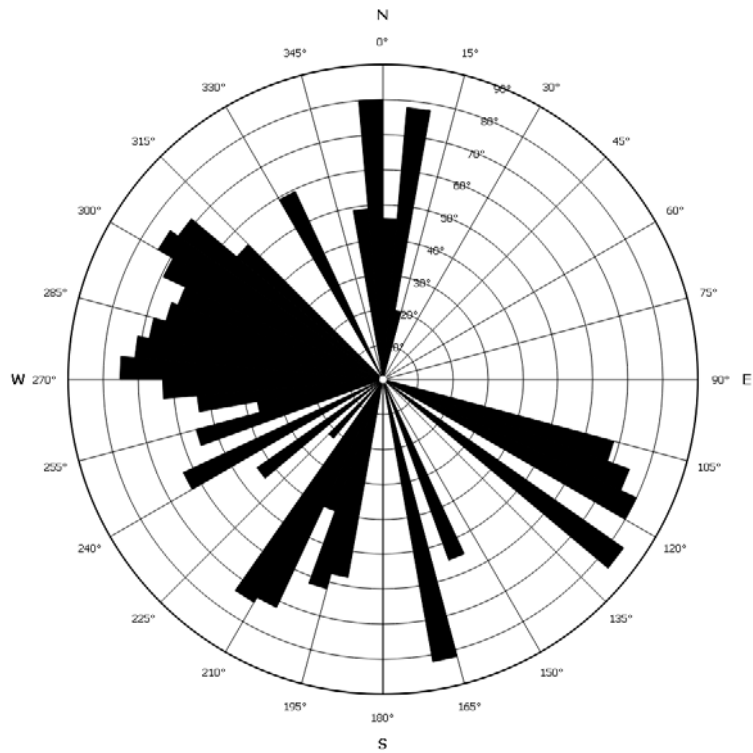
Total \$42,249.73

90 samples at \$42,249.73 = \$469.44/sample

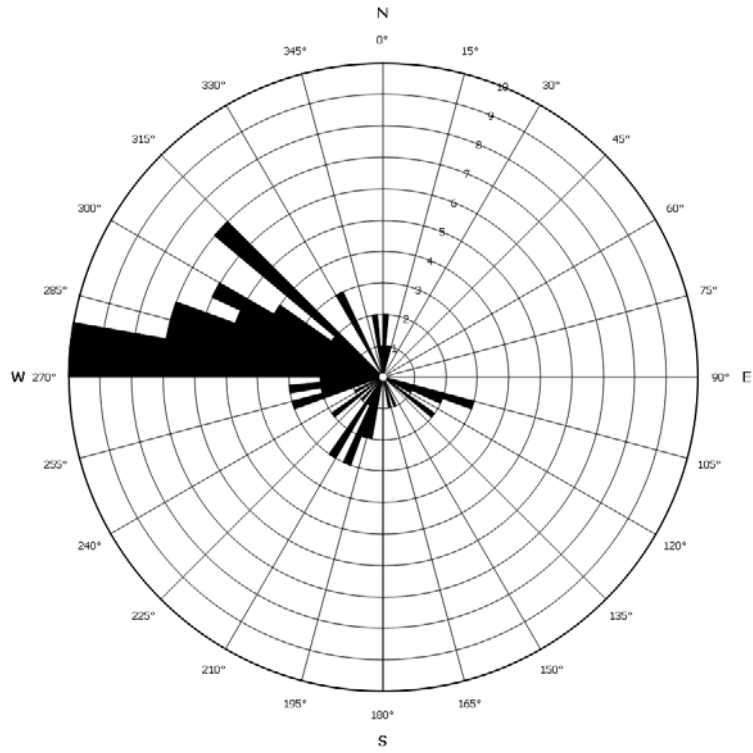
**APPENDIX III**  
**ROSE DIAGRAMS**



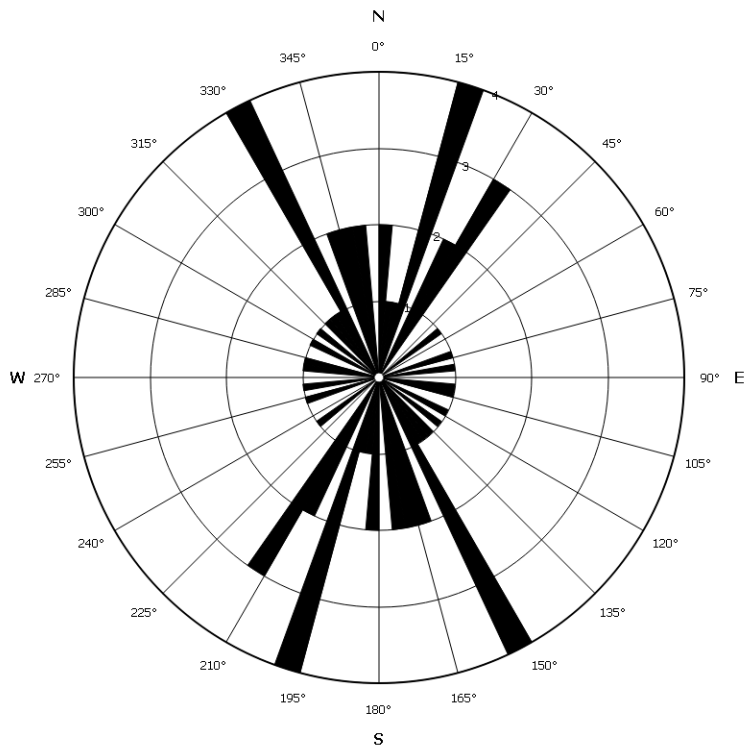
**Rose Diagram 1 – Fracture Strike**



**Rose Diagram 2 - Fracture Dip**

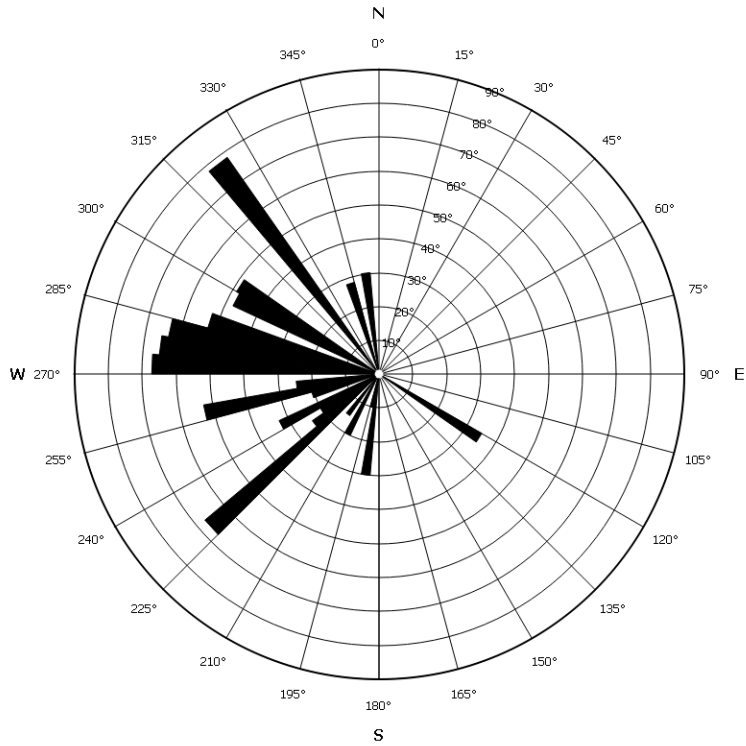


**Rose Diagram 3 - Fracture Dip-Direction**

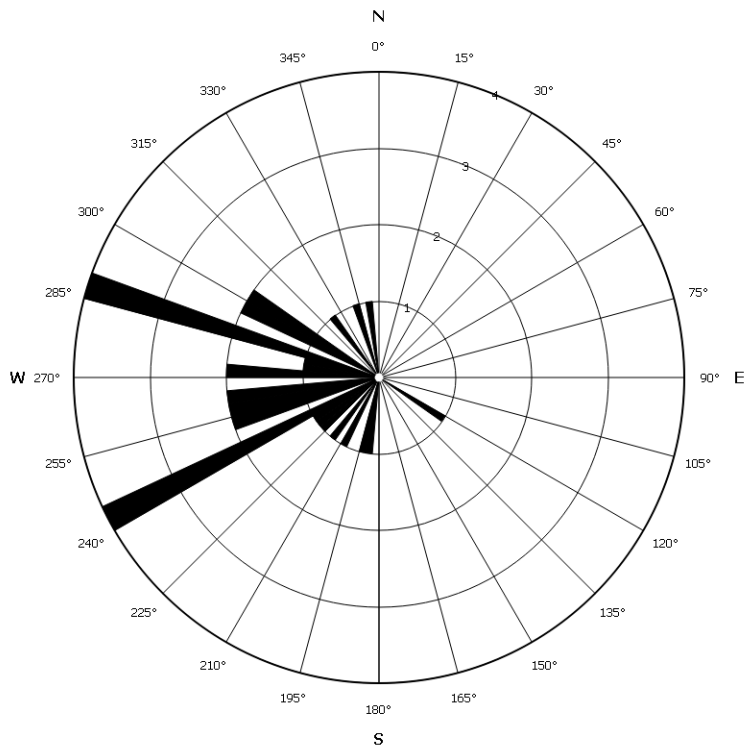


**Rose Diagram 4 - Vein Strike**





**Rose Diagram 5 - Vein Dip**



**Rose Diagram 6 - Vein Dip-Direction**

**APPENDIX IV**  
**ROCK SAMPLE DESCRIPTIONS**

---

**Rock Sample Descriptions**

Property: Meloy

Year: 2014

---

Sample Number: M896161 UTM: 649705 mE Nad83, Zone 7  
Elevation: 2130 m UTM: 6820618 mN

Comments: In-situ molybdenum-rich quartz vein (20 cm thick). Vein has rusty alaskite halo. Vein is parallel to dominant fracture at 135/67S.

---

Sample Number: M896162 UTM: 649755 mE Nad83, Zone 7  
Elevation: 2104 m UTM: 6820508 mN

Comments: Specimen sample of coarse molybdenum rosettes in 5 cm thick quartz vein. Sample from talus directly below rusty weathering alaskite.

---

Sample Number: M896163 UTM: 649882 mE Nad83, Zone 7  
Elevation: 2022 m UTM: 6820796 mN

Comments: Specimen sample (20x10x6 cm) of quartz vein with sugary pyrite and arsenopyrite. Weak scorodite surface stain. Specimen from talus - moderately abundant in talus chute.

---

Sample Number: M896164 UTM: 650092 mE Nad83, Zone 7  
Elevation: 1924 m UTM: 6820921 mN

Comments: Outcrop sample from quartz vein with disseminated chalcopyrite. Sample across 10 cm

---

Sample Number: M896165 UTM: 649985 mE Nad83, Zone 7  
Elevation: 1958 m UTM: 6820847 mN

Comments: Specimen sample of quartz vein with bladed wolframite crystals.

---

Sample Number: M896166 UTM: 649979 mE Nad83, Zone 7  
Elevation: 1962 m UTM: 6820850 mN

Comments: Outcrop sample of quartz vein with coarse disseminated molybdenum rosettes. Vein oriented 250/28N

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Sample Number: M896167 UTM: 649964 mE Nad83, Zone 7  
Elevation: 1967 m UTM: 6820834 mN

Comments: Outcrop sample of quartz vein with molybdenum rosettes. Vein trends 275/30N.

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**Rock Sample Descriptions**

Property: Meloy

Year: 2014

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Sample Number: M896168 UTM: 650024 mE Nad83, Zone 7  
Elevation: 2155 m UTM: 6820246 mN

Comments: Specimen sample 10x20x30 cm. Quartz vein with well formed crystals. Abundant limonite and epithermal banded textures. Rare manganese, weak chlorite-green hue. Trace chalcopyrite.

---

Sample Number: M896169 UTM: 650318 mE Nad83, Zone 7  
Elevation: 2195 m UTM: 6820145 mN

Comments: Composite grab sample from talus along ridge. Five pieces of quartz vein with molybdenum rosettes. Vein less than 5 cm thick.

---

Sample Number: M896170 UTM: 650203 mE Nad83, Zone 7  
Elevation: 2177 m UTM: 6820163 mN

Comments: TR-14-04. Chip sample across 3.5 m of weathered, potassic altered alaskite adjacent to dyke/vein zone. Fractures 225/vert.

---

Sample Number: M896171 UTM: 650205 mE Nad83, Zone 7  
Elevation: 2175 m UTM: 6820166 mN

Comments: TR-14-04. Chip sample across 11.4 m of silicified alaskite with <10 cm quartz vein. Abundant malachite and azurite staining. Includes 20 cm thick mafic dyke. Vein curves - likely due to mechanical weathering. Fractures 225/75W.

---

Sample Number: M896172 UTM: 650206 mE Nad83, Zone 7  
Elevation: 2174 m UTM: 6820165 mN

Comments: TR-14-04. Chip sample across 1.5 m of pale orange altered alaskite.

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Sample Number: M896173 UTM: 649853 mE Nad83, Zone 7  
Elevation: 2162 m UTM: 6820343 mN

Comments: Composite grab sample from ridge. Orange to dark brown weathering intrusive with fracture coatings of chalcopyrite, pyrite and limonite. Rare molybdenum on fractures and as fine disseminations. Ten pieces over two metres.

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**Rock Sample Descriptions**

Property: Meloy

Year: 2014

---

Sample Number: M896409 UTM: 650003 mE Nad83, Zone 7  
Elevation: 2149 m UTM: 6820258 mN

Comments: Subcrop sample from below hand trench. Quartz vein 50 cm thick cutting alaskite. Sample across entire interval. Quartz vein hosts chalcopyrite, covellite, bornite - total sulphides less than 5%. Malachite on some fracture surfaces.

---

Sample Number: M896410 UTM: 650009 mE Nad83, Zone 7  
Elevation: 2153 m UTM: 6820259 mN

Comments: Five metre chip sample across bedrock on ridge (TR-14-01). Weathered alaskite host with well mineralized quartz veins cutting bedrock. Veins host chalcopyrite, bornite and malachite (<3%). Vein striked 195 and dips 14 west.

---

Sample Number: M896411 UTM: 650018 mE Nad83, Zone 7  
Elevation: 2155 m UTM: 6820256 mN

Comments: Five metre chip sample across bedrock in TR-14-01 (continuous from '410). Potassic altered alaskite with rusty orange weathering surface. Malachite on fractures and quartz vein (<5 cm) fragments.

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Sample Number: M896412 UTM: 650012 mE Nad83, Zone 7  
Elevation: 2157 m UTM: 6820257 mN

Comments: Composite grab sample from trench TR-14-01 discard pile. Eight pieces of vein with bornite <3%, chalcopyrite and covellite <2%. Malachite on fracture surfaces.

---

Sample Number: M896413 UTM: 649732 mE Nad83, Zone 7  
Elevation: 2181 m UTM: 6820430 mN

Comments: Specimen sample 20 cm with coarse moly rosettes. Last piece of mineralized quartz vein before rock becomes less interesting heading north

---

Sample Number: M896414 UTM: 649777 mE Nad83, Zone 7  
Elevation: 2167 m UTM: 6820397 mN

Comments: TR-14-02: Three metre sample of chalcedonic quartz vein or ultra silicified aplite dyke. Pale grey to white, no bisible sulphides, but hairline fractures.

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**Rock Sample Descriptions**

Property: Meloy

Year: 2014

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Sample Number: M896415 UTM: 649772 mE Nad83, Zone 7  
Elevation: 2170 m UTM: 6820401 mN

Comments: TR-14-02: 2.4 m chip sample of coarse grained white to yellow, potassic altered alaskite. Rusty fractures, very broken. Fractures at 185/80W.

---

Sample Number: M896416 UTM: 649769 mE Nad83, Zone 7  
Elevation: 2173 m UTM: 6820404 mN

Comments: TR-14-02: 1.6 m quartz vein - silicified, sucrosic to glassy quartz with 3 @ 2 cm bands of massive molybdenum with fluorescent yellow to green alteration (molybdo-scheelite?). Vein at 210/33W.

---

Sample Number: M896417 UTM: 649767 mE Nad83, Zone 7  
Elevation: 2176 m UTM: 6820406 mN

Comments: TR-14-02: 1.8 m sample of coarse grained, rusty orange weathering alaskite, blocky fractured bedrock.

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Sample Number: M896418 UTM: 649766 mE Nad83, Zone 7  
Elevation: 2176 m UTM: 6820407 mN

Comments: TR-14-02: 1.4 m very fine grained, ultramafic, diabase dyke - purple to black. Dyke is cut by mm-scale quartz veins with no visible mineralization.

---

Sample Number: M896419 UTM: 649762 mE Nad83, Zone 7  
Elevation: 2184 m UTM: 6820411 mN

Comments: Chip sample (8 m) across ridge between TR-14-02 and TR-14-03. Weakly potassic altered alaskite, coarse grained.

---

Sample Number: M896420 UTM: 649750 mE Nad83, Zone 7  
Elevation: 2179 m UTM: 6820419 mN

Comments: TR-14-03: 2.8 m chip sample across altered alaskite with coarse molybdenum in pebbly soil that has fallen between fractures in bedrock. Three good fracture directions.

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**Rock Sample Descriptions**

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Property: Meloy

Year: 2014

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Sample Number: M896421 UTM: 649754 mE Nad83, Zone 7  
Elevation: 2178 m UTM: 6820421 mN

Comments: TR-14-03: 1.6 m chip sample across quartz vein. Medium to dark grey, siliceous vein with disseminated molybdenum and chalcopyrite. Molybdenum veins are massive < 2 cm within silicified quartz. Vein strikes 115/20S.

---

Sample Number: M896422 UTM: 649755 mE Nad83, Zone 7  
Elevation: 2165 m UTM: 6820414 mN

Comments: TR-14-03: 5.7 m chip sample across rusty, coarse grained alaskite with cores of 'fresh' blue to glassy quartz crystals. Trace molybdenum and chalcopyrite. Rubbly soil between fractured bedrock.

---

Sample Number: M896423 UTM: 649750 mE Nad83, Zone 7  
Elevation: 2174 m UTM: 6820416 mN

Comments: TR-14-03: 5.0 m chip sample of grey, weathered, potassic altered coarse grained alaskite. Rare small fragments of quartz with molybdenum rosettes.

---

Sample Number: M896424 UTM: 650435 mE Nad83, Zone 7  
Elevation: 2208 m UTM: 6820100 mN

Comments: Specimen sample off 40 cm quartz vein boulder. Bladed quartz with <3 cm shiny, bladed wolframite crystals. From near the top of quartz vein float train. Very argillic-potassic altered alaskite adjacent to vein.

---

Sample Number: M896425 UTM: 650849 mE Nad83, Zone 7  
Elevation: 1800 m UTM: 6820517 mN

Comments: Specimen from talus. Potassic, chlorite and epidote altered alaskite with bright green to yellow alteration. Large masses (<4 cm) of wolframite on fracture surfaces.

---

Sample Number: M896426 UTM: 650833 mE Nad83, Zone 7  
Elevation: 1790 m UTM: 6820548 mN

Comments: Rusty 6x20x10 cm of altered alaskite with 1 cm vein of massive chalcopyrite.

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Rock Sample Descriptions		Property: Meloy		Year: 2014
Sample Number:	M896427	UTM:	650787 mE	Nad83, Zone 7
Elevation:	1794 m	UTM:	6820540 mN	
Comments: Specimen sample from 10x20x20 cm quartz vein - rusty with well formed quartz crystals <3 cm. Blebby, disseminated chalcopyrite, trace molybdenum, covellite (dusty blue mineral - possibly chalcocite) and bladed wolframite. Sample from below outcrop of alaskite. Veins in outcrop at 330/24E.				
Sample Number:	M896428	UTM:	650688 mE	Nad83, Zone 7
Elevation:	1856 m	UTM:	6820483 mN	
Comments: Specimen of 30 cm <sup>3</sup> talus. Rusty alaskite with 2 cm quartz veins on one side. Molybdenum rosettes coat surface. Moderately abundant in area.				
Sample Number:	M896429	UTM:	650544 mE	Nad83, Zone 7
Elevation:	1952 m	UTM:	6820407 mN	
Comments: In-situ vein!!! 30 cm wide quartz vein with hairline fractures coated in malachite and azurite. Glassy dark grey quartz crystals				
Sample Number:	M896430	UTM:	650580 mE	Nad83, Zone 7
Elevation:	1855 m	UTM:	6820534 mN	
Comments: Specimen sample 40x30x30 cm quartz vein, banded with massive molybdenum and yellow oxide (?) in talus. Molybdenum abundant in area.				
Sample Number:	M896431	UTM:	650444 mE	Nad83, Zone 7
Elevation:	1920 m	UTM:	6820446 mN	
Comments: Specimen sample from talus below very steep outcrop. Malachite and chalcopyrite-rich, dark grey quartz vein.				
Sample Number:	M896432	UTM:	650562 mE	Nad83, Zone 7
Elevation:	1861 m	UTM:	6820497 mN	
Comments: Specimen sample from talus below steep outcrop. Molybdenite-rich quartz vein float - largest 1 m x 0.5 m x 0.5 m quartz block with coarse (quarter sized) moly. Very splash - could not find in outcrop above.				



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**Rock Sample Descriptions**

Property: Meloy

Year: 2014

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Sample Number: M896433 UTM: 650550 mE Nad83, Zone 7  
Elevation: 1872 m UTM: 6820505 mN

Comments: Continuous chip sample #1. Length - 2.0 m of grey weathering alaskite adjacent to molybdenum-rich quartz veins.

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Sample Number: M896434 UTM: 650546 mE Nad83, Zone 7  
Elevation: 1863 m UTM: 6820500 mN

Comments: Continuous chip sample #1. Length - 1.4 m of silicified vein with three molybdenum-rich quartz veins striking 190/63W.

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Sample Number: M896435 UTM: 650547 mE Nad83, Zone 7  
Elevation: 1870 m UTM: 6820513 mN

Comments: Continuous chip sample #1. Length - 2.0 m of grey weathering alaskite adjacent to quartz veins.

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Sample Number: M896436 UTM: 650500 mE Nad83, Zone 7  
Elevation: 1880 m UTM: 6820484 mN

Comments: Continuous chip sample #2. Length - 2.0 m of grey weathering alaskite adjacent to vein.

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Sample Number: M896437 UTM: 650498 mE Nad83, Zone 7  
Elevation: 1886 m UTM: 6820482 mN

Comments: Continuous chip sample #2. Length - 2.3 m of silicified vein zone with four, <10 cm thick, molybdenum-rich quartz veins striking 183/78W.

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Sample Number: M896438 UTM: 650495 mE Nad83, Zone 7  
Elevation: 1884 m UTM: 6820478 mN

Comments: Continuous chip sample #2. Length - 2.0 m of grey weathering alaskite adjacent to vein zone.

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Sample Number: M896439 UTM: 650398 mE Nad83, Zone 7  
Elevation: 1906 m UTM: 6820476 mN

Comments: Continuous chip sample #3. Length - 1.5 m of grey weathering alaskite adjacent to quartz vein.

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**Rock Sample Descriptions**

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Property: Meloy

Year: 2014

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Sample Number: M896440 UTM: 650399 mE Nad83, Zone 7  
Elevation: 1910 m UTM: 6820480 mN

Comments: Continuous chip sample #3. Length - 1.2 m silicified zone with <10 cm molybdenum-rich quartz veins.

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Sample Number: M896441 UTM: 650395 mE Nad83, Zone 7  
Elevation: 1906 m UTM: 6820482 mN

Comments: Continuous chip sample #3. Length - 2.0 m of grey weathering alaskite adjacent to vein.

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Sample Number: M896442 UTM: 650394 mE Nad83, Zone 7  
Elevation: 1908 m UTM: 6820485 mN

Comments: Continuous chip sample #3. Length - 1.0 m of silicified vein with two molybdenum-rich <5 cm quartz veins.

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Sample Number: M896443 UTM: 650395 mE Nad83, Zone 7  
Elevation: 1899 m UTM: 6820475 mN

Comments: Continuous chip sample #3. Length - 2.5 m of grey weathering alaskite adjacent to vein.

---

Sample Number: M896444 UTM: 650391 mE Nad83, Zone 7  
Elevation: 1907 m UTM: 6820478 mN

Comments: Continuous chip sample #3. Length - 2.8 m of silicified vein with 3, 5 cm thick molybdenum-rich quartz veins. A 30 cm thick mafic dyke (unmineralized) was also included in sample.

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Sample Number: M896445 UTM: 650343 mE Nad83, Zone 7  
Elevation: 1985 m UTM: 6820384 mN

Comments: Continuous chip sample #4. Length - 2.0 m of rusty weathering alaskite adjacent to molybdenum and chalcopyrite-rich quartz vein.

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Sample Number: M896446 UTM: 650343 mE Nad83, Zone 7  
Elevation: 1991 m UTM: 6820384 mN

Comments: Continuous chip sample #4. Length - 1.8 m of silicified, manganese stained quartz vein with blebby chalcopyrite and molybdenite mineralization.

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**Rock Sample Descriptions**

Property: Meloy

Year: 2014

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Sample Number: M896447 UTM: 650338 mE Nad83, Zone 7  
Elevation: 1987 m UTM: 6820382 mN

Comments: Continuous chip sample #4. Length - 2.0 m of rusty weathering alaskite.

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Sample Number: M896448 UTM: 650240 mE Nad83, Zone 7  
Elevation: 1988 m UTM: 6820408 mN

Comments: Chip sample across 80 cm. Diopside and chlorite-rich seam (vein?) with rare quartz eyes, disseminated chalcopyrite, light pink iridescent mineral (covellite?) and trace bornite with weak malachite and white (?) surface precipitate.

---

Sample Number: M896449 UTM: 650024 mE Nad83, Zone 7  
Elevation: 2034 m UTM: 6820379 mN

Comments: Specimen sample from float immediately on top of steep outcrop. Sample hosts <5% bornite, covellite, chalcopyrite in quartz vein. Specimen is 10 x 3 x 6 cm - beautiful.

---

Sample Number: M896450 UTM: 649953 mE Nad83, Zone 7  
Elevation: 2056 m UTM: 6820397 mN

Comments: In-situ quartz vein traceable for over 10 m along strike. Vein is 30 cm thick and hosts coarse molybdenum rosettes. Vein strikes 306/15E - two parallel veins of same size and orientation were mapped to the west after sample was taken.

---

**APPENDIX V**  
**CERTIFICATES OF ANALYSIS**



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

To: STRATEGIC METALS LTD.  
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Page: 1  
 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 8-SEP-2014  
 Account: MTT

**CERTIFICATE WH14128257**

Project: MELOY

This report is for 36 Soil samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2014.

The following have access to data associated with this certificate:

HEATHER BURRELL	SARAH DRECHSLER	JOAN MARIACHER
-----------------	-----------------	----------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES	
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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 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 8-SEP-2014  
 Account: MTT

Project: MELOY

**CERTIFICATE OF ANALYSIS WH14128257**

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
ZZ98242		0.36	1.75	8.10	161.5	690	4.26	5.73	1.27	7.45	180.0	13.7	43	10.90	335	4.76
ZZ98243		0.31	0.83	7.29	112.0	600	3.59	3.64	1.59	5.02	152.5	14.5	60	6.87	217	5.04
ZZ98244		0.29	0.98	7.24	119.0	620	5.04	3.89	1.31	8.13	167.0	14.9	40	5.82	264	4.64
ZZ98245		0.24	3.17	6.99	116.0	650	9.14	9.12	0.80	26.1	239	11.2	26	7.98	774	6.74
ZZ98246		0.36	3.95	7.19	539	520	4.89	25.4	1.26	18.60	231	12.8	21	9.44	701	6.07
ZZ98247		0.40	2.48	7.48	624	620	6.21	11.45	0.74	19.90	256	12.7	37	11.65	617	5.83
ZZ98248		0.36	7.20	7.64	1055	590	4.38	18.10	2.15	11.00	161.0	15.7	20	7.90	1010	5.95
ZZ98249		0.25	0.96	8.10	21.0	530	1.87	4.47	3.30	0.58	109.0	16.6	28	2.40	133.5	6.65
ZZ98250		0.38	5.17	7.43	67.5	620	5.14	19.30	0.96	4.55	226	15.8	28	10.45	831	5.97
ZZ98151		0.39	16.55	8.06	95.6	720	4.91	30.0	1.15	7.66	295	14.9	20	11.30	1870	5.70
ZZ98152		0.34	2.29	7.13	139.0	640	4.60	8.26	0.83	4.12	152.5	8.0	13	6.70	480	3.70
ZZ98153		0.39	13.45	7.52	212	620	4.30	37.8	1.40	7.26	236	15.8	39	11.20	3500	5.54
ZZ98154		0.34	19.00	6.46	1175	550	5.91	34.6	1.21	7.03	208	23.9	64	15.35	3120	5.86
ZZ98155		0.35	4.45	7.35	55.0	620	3.62	17.35	1.51	1.70	162.0	12.4	27	10.55	1380	4.72
ZZ98156		0.32	16.90	6.96	69.3	630	4.49	9.69	1.03	5.23	193.5	15.9	50	7.02	2470	4.86
ZZ98157		0.33	2.48	7.98	127.0	710	3.01	11.80	1.39	1.42	185.0	11.3	15	6.48	545	4.53
ZZ98158		0.36	1.18	7.30	69.2	580	4.02	17.15	1.40	1.70	103.5	14.3	70	16.30	799	5.18
ZZ98159		0.35	1.22	7.31	118.0	620	3.92	26.2	1.52	2.54	140.5	18.0	44	9.60	999	4.51
ZZ98160		0.32	1.19	7.07	93.0	540	4.23	24.8	1.38	2.61	127.5	8.9	33	31.0	700	4.11
ZZ98161		0.38	3.62	7.80	129.5	590	4.87	48.6	1.89	4.80	138.5	13.6	36	15.75	1330	4.91
ZZ98162		0.38	6.29	7.30	189.5	690	6.10	65.1	1.07	4.54	156.5	11.8	34	21.1	2750	5.16
ZZ98163		0.36	16.00	6.41	449	550	6.83	32.1	1.42	5.87	243	24.1	49	9.34	1780	9.40
ZZ98164		0.35	3.04	6.86	210	590	3.68	16.60	1.72	5.53	245	22.9	68	7.06	1030	6.19
ZZ98165		0.37	2.30	8.01	298	680	5.51	17.60	1.77	4.01	165.0	12.2	47	12.75	612	5.52
ZZ98166		0.38	0.44	6.78	40.6	520	3.31	2.20	1.75	1.52	135.5	13.6	43	8.05	148.5	5.85
ZZ98167		0.37	2.14	8.38	16.2	500	3.01	2.34	3.20	3.28	124.5	13.8	27	5.98	372	5.14
ZZ98168		0.41	5.40	7.45	165.0	650	8.80	6.24	1.60	6.10	180.0	13.5	44	6.59	942	5.35
ZZ98169		0.35	4.04	7.74	139.0	620	7.14	6.70	1.38	13.75	243	12.6	44	10.25	910	6.10
ZZ98170		0.41	1.98	7.29	38.1	560	6.21	6.35	1.28	7.28	221	9.1	25	13.35	341	6.30
ZZ98171		0.38	1.05	7.32	15.0	500	6.22	3.13	1.42	7.81	271	9.2	24	13.55	250	6.12
ZZ98172		0.31	2.55	7.57	137.5	540	6.91	4.03	1.07	8.77	258	9.2	24	7.29	605	4.74
ZZ98173		0.32	1.99	7.43	50.4	600	3.61	4.03	1.52	3.04	130.5	12.6	78	5.43	359	4.95
ZZ98174		0.29	3.68	7.73	100.5	630	4.00	4.61	1.60	4.40	143.0	13.3	69	5.66	421	5.13
ZZ98175		0.27	2.47	7.65	36.9	630	6.80	3.15	1.47	4.48	177.5	14.7	60	7.75	300	5.15
ZZ98176		0.31	1.74	8.07	54.7	710	5.78	4.83	1.35	7.29	168.5	12.5	57	5.99	301	4.81
ZZ98177		0.34	1.46	8.30	87.4	680	4.91	4.51	1.44	5.69	163.0	14.7	66	7.95	237	5.55



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Page: 2 - B  
 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 8-SEP-2014  
 Account: MTT

Project: MELOY

**CERTIFICATE OF ANALYSIS WH14128257**

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
		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
ZZ98242		26.4	0.28	3.6	0.766	2.08	78.1	42.7	0.89	1220	16.45	2.14	24.9	24.4	1000	122.0
ZZ98243		22.9	0.25	5.1	0.402	1.50	67.2	36.2	0.98	1160	25.2	2.14	29.9	27.9	820	61.6
ZZ98244		23.5	0.25	2.5	0.901	1.73	68.6	27.8	0.80	1540	16.95	2.52	25.4	26.9	1150	114.5
ZZ98245		26.6	0.38	4.0	1.580	2.15	98.8	25.1	0.45	1780	51.2	2.54	34.9	18.2	830	194.0
ZZ98246		27.8	0.36	4.1	1.800	2.06	92.4	36.7	0.65	1410	38.5	2.41	36.2	15.2	840	189.0
ZZ98247		27.1	0.34	4.1	1.920	2.42	88.9	46.5	0.57	1340	24.9	2.42	25.5	15.1	680	172.0
ZZ98248		24.1	0.29	2.9	2.17	1.94	68.7	30.6	0.98	1320	31.0	2.27	18.1	13.6	720	51.1
ZZ98249		23.0	0.28	2.5	0.363	1.46	49.3	16.1	1.49	624	5.85	2.55	13.5	20.4	1390	41.8
ZZ98250		27.9	0.36	4.0	1.845	2.36	90.4	34.2	0.51	1400	25.9	2.52	39.6	18.3	880	57.0
ZZ98151		31.0	0.43	4.3	3.51	2.92	118.5	149.0	0.62	1560	29.6	2.10	37.8	14.0	790	237
ZZ98152		26.2	0.23	3.6	1.325	2.65	59.3	22.6	0.31	756	12.90	2.55	26.5	10.3	550	50.4
ZZ98153		25.8	0.37	2.6	1.560	2.14	95.7	48.8	0.96	817	34.9	1.86	25.9	22.4	1060	35.1
ZZ98154		23.2	0.35	3.0	4.00	1.95	98.0	58.9	0.92	1480	35.8	1.47	21.4	40.0	1420	104.5
ZZ98155		25.3	0.27	3.2	0.461	2.15	75.5	36.8	0.82	682	11.20	2.13	22.9	20.2	830	53.9
ZZ98156		24.1	0.34	4.0	1.860	2.56	78.4	38.7	0.71	665	122.5	1.78	33.7	32.0	970	57.1
ZZ98157		27.5	0.30	2.8	0.322	3.25	88.6	46.4	0.70	522	10.20	2.66	24.4	12.6	630	24.3
ZZ98158		23.1	0.23	3.0	0.376	1.55	46.2	67.5	1.29	963	7.91	1.62	21.5	30.8	1240	38.4
ZZ98159		24.5	0.25	3.8	0.369	1.91	60.5	47.4	0.95	1310	15.25	2.07	21.7	27.9	1050	45.1
ZZ98160		23.5	0.25	3.0	0.244	1.59	55.0	37.2	0.64	712	6.31	1.74	25.8	15.9	1330	29.1
ZZ98161		26.7	0.30	2.2	0.663	1.87	61.2	51.0	1.06	914	15.40	2.16	27.2	24.6	810	31.0
ZZ98162		24.7	0.30	2.9	1.100	2.50	68.1	102.0	0.70	993	20.8	1.53	21.9	16.7	760	89.2
ZZ98163		22.1	0.44	2.6	3.42	1.77	96.5	37.7	0.85	1600	112.0	1.72	20.4	21.8	900	213
ZZ98164		21.5	0.39	3.8	1.355	1.50	103.5	38.1	1.17	1630	7.68	1.84	23.4	33.2	1350	54.7
ZZ98165		27.0	0.27	3.6	0.966	2.11	76.0	78.1	1.12	1200	3.76	2.31	36.3	22.6	1180	43.5
ZZ98166		24.5	0.27	4.6	0.384	1.45	55.4	41.7	1.02	1230	3.46	2.04	43.1	23.5	1640	39.0
ZZ98167		26.6	0.26	4.0	0.444	1.46	52.5	26.8	1.36	849	3.39	2.86	32.9	17.6	890	19.3
ZZ98168		22.3	0.31	2.7	1.765	1.95	82.8	30.3	0.94	1490	12.50	2.59	23.8	23.2	1100	241
ZZ98169		27.0	0.35	3.8	1.335	2.04	102.5	46.5	0.84	1460	10.35	2.38	36.6	20.1	1010	129.0
ZZ98170		32.4	0.40	6.6	0.501	2.13	99.3	59.4	0.71	1460	17.55	2.55	58.3	14.8	880	83.6
ZZ98171		32.3	0.42	5.7	0.432	1.86	132.5	61.2	0.75	1480	6.04	2.53	64.7	13.9	880	52.2
ZZ98172		29.4	0.36	5.9	0.510	2.25	114.5	52.2	0.53	1560	6.82	2.54	43.0	16.2	930	354
ZZ98173		22.4	0.23	3.6	0.298	1.47	56.3	36.4	1.06	1000	5.83	2.09	25.4	30.5	1030	70.5
ZZ98174		23.5	0.27	3.1	0.500	1.68	63.6	36.5	1.10	1010	7.45	2.17	25.0	31.7	1110	119.0
ZZ98175		25.1	0.28	4.4	0.418	1.68	74.3	48.1	1.02	1440	6.49	2.10	35.1	29.4	1090	105.5
ZZ98176		24.5	0.30	3.2	0.478	1.99	73.1	37.5	0.90	1320	8.65	2.48	24.5	26.1	1000	107.5
ZZ98177		26.5	0.27	3.3	0.470	1.80	66.6	45.1	1.08	1300	12.20	2.23	31.7	30.2	1150	87.0

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



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To: STRATEGIC METALS LTD.  
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 Account: MTT

Project: MELOY

**CERTIFICATE OF ANALYSIS WH14128257**

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
ZZ98242		156.5	0.002	0.04	1.25	12.5	3	31.3	211	1.85	0.21	21.2	0.387	1.72	9.7	79
ZZ98243		107.0	0.002	0.04	0.90	15.0	3	14.9	244	2.14	0.20	21.4	0.493	1.11	8.8	101
ZZ98244		102.0	0.002	0.07	1.01	11.3	3	18.2	230	1.93	0.18	19.0	0.318	1.20	9.0	69
ZZ98245		144.5	0.002	0.06	0.81	10.0	4	37.0	135.0	2.43	0.41	28.0	0.260	1.96	15.1	43
ZZ98246		157.5	0.003	0.05	1.53	11.3	4	37.7	200	2.55	0.69	27.8	0.356	1.82	15.1	55
ZZ98247		187.0	0.002	0.04	2.32	9.0	3	33.0	146.5	1.76	0.32	25.8	0.250	2.46	12.0	40
ZZ98248		119.0	0.002	0.06	0.58	10.6	4	34.3	505	1.21	1.10	17.3	0.358	1.57	11.0	86
ZZ98249		54.9	<0.002	0.08	0.57	14.6	3	6.3	787	0.82	0.26	15.1	0.516	0.43	4.0	135
ZZ98250		160.5	0.002	0.09	0.87	10.9	4	31.7	157.5	2.89	1.45	32.8	0.286	1.82	16.2	45
ZZ98151		196.5	0.004	0.05	1.84	11.3	5	45.0	241	2.82	0.96	34.3	0.329	2.63	17.8	52
ZZ98152		156.5	<0.002	0.03	0.54	6.8	3	20.6	152.5	1.93	0.33	21.8	0.214	1.79	11.1	26
ZZ98153		161.5	0.003	0.03	2.13	12.8	4	33.9	237	1.79	0.90	22.1	0.399	2.17	18.6	86
ZZ98154		184.0	0.002	0.14	1.89	11.6	5	46.8	165.5	1.34	0.92	18.3	0.348	2.40	12.2	70
ZZ98155		147.0	<0.002	0.03	0.85	10.9	2	12.6	306	1.51	0.77	20.7	0.319	1.77	7.7	68
ZZ98156		156.0	<0.002	0.06	1.09	13.0	4	22.2	153.0	2.46	0.50	26.9	0.325	1.69	27.9	66
ZZ98157		206	<0.002	0.02	0.86	9.3	2	10.2	387	1.73	0.45	22.2	0.401	2.97	6.3	93
ZZ98158		137.0	<0.002	0.06	1.01	15.0	2	15.1	242	1.39	0.70	14.6	0.497	1.74	5.3	109
ZZ98159		141.0	<0.002	0.03	0.97	12.9	3	12.5	267	1.46	0.72	19.0	0.372	1.77	10.7	86
ZZ98160		177.0	<0.002	0.06	0.62	10.8	2	8.1	188.0	1.91	1.11	22.2	0.322	1.56	6.3	62
ZZ98161		157.5	0.002	0.03	0.76	13.1	3	14.3	354	2.22	1.47	21.9	0.367	1.86	18.9	85
ZZ98162		224	0.002	0.01	1.25	10.0	3	30.7	189.5	1.50	3.42	22.5	0.290	2.84	12.8	57
ZZ98163		107.0	0.002	0.25	3.10	16.1	5	41.4	271	1.28	1.24	33.8	0.350	1.35	26.3	83
ZZ98164		92.3	0.002	0.12	1.34	16.5	4	16.9	258	1.61	1.06	22.1	0.471	1.08	12.0	108
ZZ98165		154.0	<0.002	0.04	0.99	12.6	3	38.4	330	2.32	0.29	28.2	0.484	1.89	10.4	85
ZZ98166		105.0	<0.002	0.10	0.81	14.7	3	12.6	265	2.25	0.11	26.6	0.522	0.99	7.2	99
ZZ98167		82.9	<0.002	0.02	0.52	13.7	4	11.4	735	1.93	0.11	21.8	0.483	1.04	8.7	106
ZZ98168		91.3	<0.002	0.08	0.88	11.7	6	24.9	303	1.46	0.27	16.7	0.392	1.27	11.3	89
ZZ98169		132.0	<0.002	0.04	0.78	13.2	5	30.4	226	2.45	0.45	26.6	0.420	1.76	15.1	80
ZZ98170		174.5	<0.002	0.04	0.52	13.4	6	24.1	160.0	3.70	0.52	33.6	0.478	2.03	15.0	57
ZZ98171		161.5	<0.002	0.03	0.47	12.9	5	21.3	159.5	4.31	0.34	48.6	0.494	1.88	15.7	56
ZZ98172		136.5	<0.002	0.04	1.28	10.0	4	24.1	160.5	3.03	0.31	34.3	0.333	1.68	14.0	47
ZZ98173		86.5	<0.002	0.05	1.06	14.7	2	15.5	241	1.60	0.30	17.4	0.501	1.04	6.8	118
ZZ98174		100.5	<0.002	0.06	1.30	14.9	3	19.7	247	1.55	0.32	17.6	0.483	1.27	7.7	114
ZZ98175		108.0	<0.002	0.07	0.95	13.4	3	16.3	223	2.19	0.22	23.6	0.452	1.29	9.5	97
ZZ98176		110.0	<0.002	0.04	0.90	12.4	3	20.5	222	1.66	0.18	20.3	0.400	1.35	8.8	91
ZZ98177		123.5	<0.002	0.06	1.04	14.6	3	20.1	234	1.92	0.22	28.3	0.476	1.40	9.0	110





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 Account: MTT

Project: MELOY

**CERTIFICATE OF ANALYSIS WH14128257**

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
ZZ98242		12.6	61.5	863	87.7	0.008
ZZ98243		11.2	50.6	621	121.0	0.010
ZZ98244		6.6	55.5	527	66.3	NSS
ZZ98245		71.1	94.2	1080	91.0	NSS
ZZ98246		184.0	87.5	736	82.3	NSS
ZZ98247		55.2	64.7	916	81.5	0.017
ZZ98248		57.8	60.0	764	62.0	0.055
ZZ98249		3.7	37.5	177	68.3	0.009
ZZ98250		25.9	91.3	580	84.7	NSS
ZZ98151		356	88.7	908	85.4	NSS
ZZ98152		18.1	58.7	445	76.5	NSS
ZZ98153		82.1	87.4	749	65.3	0.092
ZZ98154		17.3	82.8	643	76.8	NSS
ZZ98155		64.5	39.2	667	69.9	NSS
ZZ98156		22.7	71.5	726	95.1	NSS
ZZ98157		41.1	36.0	377	60.5	0.028
ZZ98158		34.5	29.7	579	78.6	0.026
ZZ98159		51.7	42.0	408	90.9	0.052
ZZ98160		10.5	32.1	525	68.1	0.029
ZZ98161		36.2	63.3	711	58.8	0.100
ZZ98162		51.4	53.3	1140	70.7	0.185
ZZ98163		76.6	73.6	736	70.3	0.110
ZZ98164		104.0	81.5	636	94.3	0.034
ZZ98165		25.3	64.7	738	88.3	NSS
ZZ98166		4.0	61.6	384	108.0	0.009
ZZ98167		12.9	66.0	531	92.1	0.007
ZZ98168		11.3	93.8	742	75.0	0.014
ZZ98169		17.9	100.0	1340	89.7	0.019
ZZ98170		7.5	123.5	734	132.5	0.039
ZZ98171		3.7	122.0	1010	116.0	0.013
ZZ98172		5.3	95.3	1100	116.5	NSS
ZZ98173		5.7	43.1	609	95.2	0.021
ZZ98174		11.9	59.5	658	89.0	0.015
ZZ98175		18.2	63.7	774	106.0	0.006
ZZ98176		9.6	67.1	721	83.6	0.010
ZZ98177		8.4	60.5	681	90.9	0.007





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**CERTIFICATE WH14128258**

Project: MELOY

This report is for 54 Rock samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2014.

The following have access to data associated with this certificate:

HEATHER BURRELL	SARAH DRECHSLER	JOAN MARIACHER
-----------------	-----------------	----------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

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

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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 Account: MTT

Project: MELOY

**CERTIFICATE OF ANALYSIS WH14128258**

Sample Description	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M896409	2.36	0.797	>100	3.69	6.3	300	2.47	196.5	0.68	0.45	12.85	0.7	51	10.10	7620
M896410	3.86	0.280	>100	4.21	6.6	500	2.14	163.0	0.54	3.98	48.7	0.9	12	4.91	>10000
M896411	6.25	0.048	32.9	6.42	10.3	790	2.95	25.5	0.45	0.59	71.2	1.0	9	6.16	2260
M896412	1.03	0.367	>100	0.47	2.1	30	0.26	582	0.22	52.6	1.92	0.8	11	0.80	>10000
M896413	1.93	0.064	6.38	2.36	106.0	290	1.36	12.60	0.10	0.50	34.5	0.3	15	1.64	1150
M896414	2.28	0.023	0.69	6.05	4.2	1250	6.51	13.10	0.20	7.29	63.2	0.6	20	3.06	298
M896415	2.43	0.014	0.86	6.09	5.5	830	14.90	3.62	0.19	1.59	64.2	0.3	13	3.50	347
M896416	2.65	0.185	0.98	2.21	3.1	290	6.78	26.6	0.05	7.90	44.4	0.5	21	1.69	249
M896417	1.87	0.005	2.88	6.65	2.7	890	3.10	1.95	0.29	0.52	81.7	0.4	12	2.96	267
M896418	2.32	<0.005	0.65	8.10	2.7	440	5.15	0.30	1.68	0.56	107.0	1.5	128	22.3	311
M896419	2.75	<0.005	0.39	6.47	4.0	730	3.18	1.71	0.30	0.14	60.3	0.3	11	2.76	96.1
M896420	1.88	0.015	1.16	6.54	5.2	940	3.55	3.03	0.42	1.23	67.9	0.7	10	3.07	333
M896421	2.46	0.019	0.79	4.59	1.5	430	1.92	3.65	0.16	1.56	24.9	0.6	16	1.89	234
M896422	3.92	0.016	1.14	5.95	3.4	720	3.21	3.92	0.38	3.06	68.5	1.2	12	2.79	427
M896423	2.11	0.008	1.76	5.78	4.4	720	2.34	4.56	0.22	0.56	60.6	0.3	10	2.75	239
M896424	2.48	0.203	2.37	3.38	2.5	470	1.79	85.3	0.02	0.24	64.4	0.3	16	4.25	24.2
M896425	1.41	<0.005	5.08	6.13	2.0	1420	4.76	0.60	0.27	2.20	72.8	1.8	7	1.73	140.0
M896426	1.52	<0.005	61.8	4.78	3.9	480	2.71	3.24	0.39	3.81	57.7	1.3	10	13.55	>10000
M896427	1.20	0.083	74.3	0.15	19.4	20	0.36	367	0.05	2.27	1.94	1.5	14	0.75	9810
M896428	0.43	0.013	3.09	8.11	10.6	1310	4.57	30.6	0.21	<0.02	19.15	0.3	6	7.54	81.2
M896429	0.97	0.024	20.0	4.92	35.8	430	5.21	113.0	0.74	7.25	34.8	8.1	8	13.30	>10000
M896430	0.77	0.022	3.18	2.70	1.4	360	1.62	321	0.38	<0.02	24.7	0.5	10	3.65	683
M896431	1.29	0.064	>100	5.59	76.5	690	4.96	161.5	0.26	8.82	73.8	3.5	14	7.06	9070
M896432	2.68	0.027	9.66	3.57	12.5	360	85.4	239	0.58	16.10	71.0	1.1	15	12.35	1740
M896433	2.30	<0.005	2.60	6.18	11.5	770	9.54	24.4	0.52	3.16	85.1	1.1	9	7.54	481
M896434	2.09	0.033	3.42	4.54	11.1	530	87.7	347	0.42	3.34	63.0	0.7	13	5.37	410
M896435	2.45	<0.005	0.94	6.21	4.1	780	3.93	5.54	0.55	1.35	77.6	1.2	9	5.95	253
M896436	2.46	<0.005	0.35	6.12	3.4	830	3.40	5.26	0.63	0.78	70.6	1.2	8	5.03	107.5
M896437	4.43	0.057	7.75	3.37	11.6	420	2.41	341	0.42	1.97	67.3	0.7	17	7.82	450
M896438	2.21	<0.005	0.56	6.24	1.4	800	3.49	3.65	0.65	0.65	67.1	1.4	10	4.59	81.0
M896439	1.54	0.050	0.42	5.98	0.9	800	2.86	9.23	0.65	0.64	73.1	1.1	12	4.11	81.0
M896440	2.23	0.039	3.98	4.83	4.1	680	2.70	273	0.63	4.45	64.7	1.1	12	9.30	661
M896441	1.34	<0.005	0.33	6.22	1.2	840	2.88	4.10	0.65	0.69	64.2	1.2	11	5.52	71.1
M896442	1.85	0.049	4.03	5.01	3.2	620	3.53	475	0.61	3.70	65.8	1.2	13	10.40	467
M896443	2.32	<0.005	0.39	6.41	2.2	830	3.36	5.91	0.70	0.72	72.8	1.2	9	6.81	87.5
M896444	3.40	0.016	4.10	6.09	4.8	600	2.89	105.5	0.71	2.29	54.0	1.0	12	11.15	497
M896445	2.45	<0.005	0.54	6.45	3.0	840	3.18	5.91	0.65	2.67	72.7	1.0	11	5.11	120.5
M896446	3.61	0.035	6.29	4.29	17.5	510	>1000	339	0.47	9.27	50.9	0.9	13	14.15	1220
M896447	1.72	<0.005	0.84	6.56	13.1	860	8.49	4.27	0.58	3.10	70.0	0.8	9	3.25	209
M896448	1.71	0.126	81.1	7.69	27.1	870	3.14	306	0.07	3.23	99.5	2.6	6	45.9	>10000



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**CERTIFICATE OF ANALYSIS WH14128258**

Sample Description	Method	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	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
LOR		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
M896409		2.56	15.10	0.13	0.6	2.62	1.94	6.0	103.0	0.08	363	290	0.05	8.8	1.0	30
M896410		2.58	11.80	0.17	1.0	17.60	2.42	23.5	35.6	0.07	263	13.35	0.86	10.7	0.6	110
M896411		2.79	18.95	0.19	1.8	1.930	3.68	33.6	93.3	0.10	468	6.02	1.10	17.5	0.5	160
M896412		2.95	1.89	0.18	<0.1	12.00	0.17	0.7	15.9	0.01	131	4.53	0.01	0.7	0.6	<10
M896413		0.91	7.54	0.10	0.9	1.205	1.40	16.7	29.9	0.04	123	1540	0.62	8.8	0.6	70
M896414		0.61	13.85	0.15	2.5	0.196	5.00	30.9	14.2	0.04	58	53.0	1.24	13.4	1.0	60
M896415		1.18	14.50	0.18	1.5	0.249	4.28	31.0	28.2	0.08	166	677	1.48	15.9	0.7	150
M896416		0.86	6.29	0.14	1.0	0.178	1.54	20.4	25.8	0.05	114	4280	0.36	11.4	0.9	100
M896417		1.15	17.30	0.21	1.7	0.244	4.40	39.0	26.3	0.12	205	31.6	2.12	19.7	1.1	190
M896418		4.33	24.0	0.29	2.5	0.090	3.86	47.2	279	2.69	809	7.84	2.56	29.6	9.4	1910
M896419		0.83	17.25	0.19	1.8	0.133	4.22	28.4	25.4	0.08	156	12.55	2.45	18.3	0.8	140
M896420		1.58	18.85	0.20	1.8	0.370	3.85	32.5	14.6	0.09	199	478	2.57	19.2	0.7	180
M896421		0.98	12.95	0.15	1.2	0.225	3.15	11.3	21.7	0.03	82	5040	1.36	9.6	0.9	30
M896422		1.70	17.65	0.21	2.0	0.190	3.34	32.8	35.9	0.09	155	158.0	1.96	18.2	0.9	160
M896423		1.04	15.05	0.18	1.4	0.351	3.85	28.8	31.6	0.07	144	971	1.78	14.6	0.6	120
M896424		1.47	12.15	0.20	1.1	1.090	2.35	35.2	31.8	0.05	1660	7.97	0.53	3.9	0.7	100
M896425		0.71	21.6	0.15	1.9	0.486	0.81	26.9	8.0	0.02	413	7.71	5.22	16.2	0.5	130
M896426		4.47	17.15	0.26	1.0	9.03	2.53	27.7	139.0	0.07	711	8.72	0.08	10.5	0.6	100
M896427		1.97	1.15	0.15	<0.1	13.35	0.07	0.8	22.4	<0.01	50	84.8	0.01	0.3	0.8	10
M896428		1.78	24.4	0.17	1.9	0.269	4.56	8.6	76.6	0.13	325	>10000	2.06	20.7	0.5	180
M896429		2.24	17.85	0.14	1.0	2.56	2.24	18.5	70.0	0.08	265	67.0	0.19	9.5	0.7	80
M896430		1.39	10.50	0.13	0.5	0.810	1.59	11.5	46.9	0.04	262	>10000	0.32	5.6	0.7	60
M896431		3.20	17.50	0.21	1.4	8.20	3.04	35.0	110.0	0.10	1120	112.0	0.41	14.3	0.8	130
M896432		2.87	19.85	0.20	1.2	2.24	1.79	33.0	140.0	0.10	430	8160	0.26	17.2	1.5	160
M896433		2.27	26.2	0.21	1.9	1.820	3.44	39.2	88.8	0.10	359	112.0	1.81	19.6	0.9	170
M896434		1.86	19.20	0.18	1.3	1.375	2.45	30.0	64.7	0.09	305	3740	1.46	18.1	0.9	120
M896435		1.91	24.3	0.20	1.6	0.479	3.53	36.0	55.4	0.11	377	535	2.32	19.5	0.8	160
M896436		1.50	22.4	0.19	1.7	0.146	3.61	33.1	28.7	0.10	291	19.55	2.63	22.5	0.8	150
M896437		1.97	15.55	0.19	1.3	0.624	1.89	31.7	80.2	0.09	281	3380	0.89	20.4	0.9	150
M896438		1.83	22.0	0.20	1.5	0.150	3.25	29.7	33.5	0.13	328	37.8	2.93	19.8	0.8	190
M896439		1.60	20.9	0.19	1.3	0.149	3.37	35.1	22.0	0.11	285	42.1	2.59	17.9	0.8	170
M896440		2.19	18.85	0.21	1.3	0.862	2.93	30.9	62.0	0.10	361	3520	1.40	19.4	0.8	160
M896441		1.57	21.8	0.19	1.4	0.127	3.65	30.1	24.2	0.10	282	21.2	2.63	19.0	0.8	150
M896442		2.60	20.9	0.20	1.4	0.963	2.83	31.4	92.9	0.10	437	7140	1.10	21.5	0.9	150
M896443		1.88	22.3	0.19	1.9	0.212	3.71	33.8	38.6	0.11	337	32.9	2.52	20.6	0.8	170
M896444		2.35	23.3	0.19	1.4	1.415	3.39	24.8	77.4	0.09	369	652	1.58	18.4	0.7	140
M896445		1.85	21.6	0.20	1.6	0.238	3.80	34.1	23.1	0.11	325	23.3	2.64	21.1	0.7	180
M896446		2.26	18.55	0.19	1.1	2.18	2.24	24.2	62.1	0.08	312	283	0.67	14.9	0.8	110
M896447		1.85	21.7	0.20	1.6	0.291	3.78	32.9	22.1	0.10	296	33.9	2.96	21.2	0.7	190
M896448		7.33	35.7	0.34	1.5	3.47	4.31	46.9	259	0.18	744	557	0.11	24.1	0.6	70



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**CERTIFICATE OF ANALYSIS WH14128258**

Sample Description	Method	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	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
LOR	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	
M896409		16.8	236	0.002	0.19	0.37	1.6	6	93.2	5.2	0.51	5.66	3.1	0.047	3.55	2.4
M896410		41.8	137.5	<0.002	1.23	0.15	1.3	14	51.7	35.0	0.76	3.96	8.7	0.065	2.30	3.7
M896411		23.3	227	0.014	0.04	0.32	2.2	3	43.8	47.0	1.24	0.60	13.8	0.104	4.01	4.5
M896412		108.0	18.9	<0.002	3.29	0.35	0.1	37	52.2	1.9	<0.05	7.04	<0.2	<0.005	0.56	1.4
M896413		10.8	74.6	0.002	0.22	0.05	1.0	4	27.5	21.9	0.56	0.83	6.0	0.051	1.06	1.9
M896414		29.8	165.5	<0.002	0.07	0.06	1.8	1	17.5	109.5	1.17	0.59	11.7	0.039	3.48	6.3
M896415		35.8	195.0	<0.002	0.10	0.05	1.9	2	47.2	60.7	1.09	0.33	11.8	0.101	2.84	3.7
M896416		13.6	81.6	0.005	0.35	<0.05	1.2	5	31.3	18.1	0.73	2.67	8.4	0.051	1.21	4.4
M896417		27.6	195.5	<0.002	0.01	<0.05	2.7	1	23.2	85.6	1.33	0.08	15.0	0.119	2.80	4.4
M896418		15.4	353	<0.002	0.01	<0.05	19.4	3	14.9	249	1.05	<0.05	6.5	0.775	4.50	3.6
M896419		25.5	171.5	<0.002	<0.01	<0.05	1.9	1	13.9	79.8	1.44	0.08	15.4	0.089	2.44	4.4
M896420		23.9	163.0	<0.002	0.08	0.05	2.2	2	15.6	100.0	1.22	0.35	13.2	0.117	2.02	5.2
M896421		26.7	123.0	<0.002	0.55	<0.05	0.7	5	16.9	40.8	0.76	1.62	8.0	0.038	1.74	3.0
M896422		23.5	152.5	<0.002	0.39	0.05	2.2	2	28.4	72.9	1.15	0.24	12.3	0.105	1.91	4.6
M896423		24.5	163.5	<0.002	0.10	0.05	1.7	2	24.7	61.1	1.03	0.46	12.6	0.083	2.41	3.6
M896424		15.0	179.5	0.031	0.08	0.14	1.8	1	46.7	30.6	0.11	2.31	9.1	0.064	3.37	2.1
M896425		53.0	35.8	<0.002	<0.01	0.09	2.1	1	21.0	96.4	1.30	<0.05	13.1	0.082	0.64	3.3
M896426		24.1	240	<0.002	1.35	0.19	1.6	8	264	9.5	0.66	0.05	8.9	0.080	3.88	3.1
M896427		4.5	6.2	<0.002	1.01	0.95	0.1	13	161.5	0.7	<0.05	0.26	0.4	<0.005	0.13	0.7
M896428		68.8	226	0.009	1.79	0.19	3.3	11	77.5	105.5	1.40	6.04	9.4	0.124	5.93	2.1
M896429		15.3	193.0	<0.002	0.01	0.34	1.5	1	106.0	50.8	0.61	0.76	6.3	0.056	2.77	21.3
M896430		5.6	117.0	0.012	1.33	0.22	0.8	9	55.3	18.4	0.35	4.32	4.4	0.031	1.75	2.7
M896431		30.6	213	<0.002	0.01	0.90	2.1	3	69.2	28.3	0.94	1.43	12.0	0.089	3.46	9.6
M896432		5.3	230	<0.002	0.83	0.15	3.2	7	85.4	11.3	1.06	1.16	10.9	0.095	2.94	4.8
M896433		16.3	253	<0.002	0.04	0.12	3.2	2	58.9	77.3	1.23	0.13	14.0	0.105	2.78	4.7
M896434		11.6	171.0	0.006	0.34	0.27	3.3	4	38.0	56.5	1.10	1.05	12.3	0.086	1.84	4.9
M896435		17.5	198.0	<0.002	0.06	0.09	3.1	2	27.0	92.7	1.21	0.17	14.1	0.109	1.95	4.3
M896436		20.2	167.0	<0.002	0.01	0.06	2.7	1	6.5	99.8	1.66	0.09	14.1	0.101	1.33	4.5
M896437		11.1	178.0	<0.002	0.35	0.13	2.8	5	33.6	36.1	1.17	0.98	12.7	0.092	1.94	4.8
M896438		28.6	163.0	<0.002	0.05	0.05	3.1	2	6.6	98.5	1.28	0.09	13.6	0.116	1.55	4.0
M896439		17.2	151.5	<0.002	0.04	0.05	2.8	1	4.6	101.0	1.09	0.39	14.8	0.108	1.36	4.1
M896440		18.8	211	<0.002	0.44	0.14	2.7	4	30.5	61.8	1.16	1.04	11.5	0.097	2.42	4.4
M896441		18.2	165.5	<0.002	0.01	0.05	2.7	1	4.5	100.5	1.23	0.07	12.6	0.101	1.33	3.4
M896442		14.4	238	<0.002	0.76	0.15	2.7	6	51.6	44.7	1.33	1.47	12.9	0.100	2.81	4.1
M896443		20.1	193.5	<0.002	0.01	0.05	2.8	1	10.4	97.3	1.31	0.08	14.0	0.106	1.93	4.1
M896444		15.1	247	<0.002	0.11	0.15	2.5	2	52.6	48.9	1.30	0.33	13.3	0.083	2.96	4.6
M896445		23.8	184.0	<0.002	0.07	0.06	2.7	1	10.1	100.5	1.37	0.20	15.4	0.113	2.08	4.9
M896446		11.8	222	<0.002	0.30	0.15	3.5	3	52.3	31.1	0.88	0.77	10.5	0.074	2.64	4.1
M896447		25.7	165.5	<0.002	0.10	0.08	2.7	2	7.0	104.0	1.43	0.09	15.0	0.115	1.80	6.1
M896448		10.5	530	0.003	1.01	0.12	5.8	7	108.5	6.9	1.64	3.05	17.2	0.137	7.55	5.8



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Mo-OG62
		V	W	Y	Zn	Zr	Ag	Cu	Mo
		ppm	ppm	ppm	ppm	ppm	ppm	%	%
		1	0.1	0.1	2	0.5	1	0.001	0.001
M896409		3	161.5	13.6	139	10.6	122		
M896410		3	86.3	11.0	195	16.6	251	3.18	
M896411		5	1350	14.4	176	32.1			
M896412		<1	20.7	1.8	1780	<0.5	560	8.72	
M896413		2	172.5	6.9	44	15.8			
M896414		2	13.4	14.8	263	58.8			
M896415		5	54.7	13.9	160	29.5			
M896416		2	180.5	8.7	137	17.6			
M896417		7	13.9	18.7	147	34.3			
M896418		122	8.3	44.3	515	78.8			
M896419		4	28.3	14.2	96	34.4			
M896420		6	7.5	23.3	133	33.3			
M896421		1	8.7	6.9	186	21.4			
M896422		5	18.0	15.2	247	39.3			
M896423		4	25.0	13.7	152	26.2			
M896424		2	3210	7.8	107	18.9			
M896425		3	22.0	18.8	158	39.8			
M896426		4	48.4	10.1	268	19.1		1.125	
M896427		<1	74.9	2.4	62	<0.5			
M896428		5	19.5	11.6	31	32.4			2.31
M896429		5	19.0	12.8	1980	19.6		1.200	
M896430		<1	349	12.3	273	8.0			1.855
M896431		4	55.2	32.8	424	25.1	294		
M896432		5	13.2	18.3	654	24.9			
M896433		6	15.4	24.0	441	39.1			
M896434		5	383	20.1	265	26.3			
M896435		6	8.3	26.2	280	34.7			
M896436		5	2.9	32.0	114	33.6			
M896437		5	10.0	18.4	185	25.9			
M896438		6	2.0	29.6	112	32.8			
M896439		5	2.1	24.6	103	28.1			
M896440		5	9.1	18.1	291	25.8			
M896441		5	1.0	26.3	115	29.3			
M896442		5	30.0	17.6	321	26.4			
M896443		6	2.3	26.6	142	38.5			
M896444		4	13.1	19.7	228	28.3			
M896445		5	22.7	26.1	141	30.8			
M896446		4	8.9	14.6	490	19.0			
M896447		6	3.5	28.1	221	30.7			
M896448		8	304	10.7	448	25.8		2.54	

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



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 Account: MTT

Project: MELOY

**CERTIFICATE OF ANALYSIS WH14128258**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M896449		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
M896450		0.85	0.158	>100	6.39	14.0	560	2.34	90.7	0.87	9.18	68.4	6.6	4	16.30	>10000
M896161		1.41	0.379	4.30	0.43	4.1	40	0.62	269	0.13	<0.02	4.36	0.3	14	1.19	568
M896162		1.19	0.720	3.54	4.24	3.2	440	2.26	196.5	0.85	0.79	37.1	1.1	12	2.78	644
M896163		0.69	0.054	5.00	2.15	3.6	210	1.29	5.84	0.18	<0.02	26.9	0.4	12	2.34	901
M896164		0.46	0.010	6.65	6.46	32.4	730	4.13	22.3	0.03	1.07	38.2	2.1	12	10.35	709
M896164		0.94	0.076	22.2	6.41	1.2	870	2.89	162.5	0.75	8.36	60.0	0.6	9	11.65	2180
M896165		0.46	0.053	1.66	2.69	1.7	360	1.86	172.0	0.18	0.19	32.7	0.3	8	5.01	77.0
M896166		3.86	0.006	10.20	4.17	13.2	510	2.02	16.15	0.35	<0.02	61.8	0.9	16	5.51	1625
M896167		0.58	<0.005	1.61	5.35	1.0	600	2.58	8.63	0.32	1.72	70.7	0.3	7	10.10	175.5
M896168		1.22	0.037	40.3	2.17	12.9	360	0.75	65.3	0.32	<0.02	48.0	0.3	14	5.26	1115
M896169		0.97	0.010	0.93	2.94	5.6	430	1.40	2.92	0.11	<0.02	44.2	0.5	19	3.52	61.4
M896170		3.22	0.005	3.14	6.40	6.6	840	3.86	2.09	0.50	0.98	73.8	1.3	10	4.72	441
M896171		2.84	0.030	74.4	5.68	37.4	610	3.16	86.0	0.52	1.26	76.4	4.5	16	8.67	4480
M896172		2.13	0.005	3.08	5.83	10.2	740	2.52	3.05	0.38	0.99	66.8	1.0	9	3.63	417

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Project: MELOY

**CERTIFICATE OF ANALYSIS WH14128258**

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
M896449		6.89	22.7	0.30	1.2	1.585	3.92	32.4	114.0	0.14	599	26.0	1.40	17.8	2.3	100
M896450		0.68	2.26	0.08	0.1	0.297	0.24	1.4	21.3	0.01	73	8990	0.07	1.5	1.0	10
M896161		1.57	14.05	0.14	1.6	0.573	2.33	16.7	20.5	0.05	176	6500	1.72	24.4	0.8	40
M896162		1.56	7.49	0.19	0.7	0.936	1.15	11.9	37.7	0.05	249	>10000	0.25	7.2	1.1	60
M896163		3.13	35.2	0.17	2.9	0.634	3.38	18.2	133.5	0.14	369	177.5	0.10	22.5	1.0	120
M896164		2.70	21.3	0.20	1.4	13.90	3.93	27.8	60.8	0.09	596	86.0	1.10	16.7	0.7	150
M896165		1.54	11.25	0.12	0.8	0.269	1.40	15.4	32.8	0.04	1120	18.00	0.74	2.4	0.7	70
M896166		2.27	13.75	0.19	1.4	1.795	2.49	29.6	41.3	0.08	330	>10000	0.77	15.6	0.8	110
M896167		2.40	19.20	0.20	1.4	0.585	3.26	33.5	74.3	0.08	442	7410	0.80	15.8	0.5	130
M896168		2.15	8.72	0.14	0.8	3.04	2.12	23.3	46.3	0.04	144	1210	0.05	6.5	0.8	50
M896169		1.14	9.91	0.13	0.9	0.313	2.14	21.8	20.1	0.04	208	4080	0.72	8.3	0.8	90
M896170		1.76	21.2	0.17	1.8	0.175	3.69	34.7	22.1	0.11	322	18.10	2.52	18.7	0.8	170
M896171		3.42	18.80	0.20	1.3	3.44	2.66	35.6	121.0	0.53	565	10.35	0.20	15.6	2.0	650
M896172		1.66	19.15	0.18	1.8	0.207	3.46	32.6	18.4	0.09	231	6.33	2.05	15.8	0.7	150



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Project: MELOY

**CERTIFICATE OF ANALYSIS WH14128258**

Sample Description	Method	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	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	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
M896449		49.0	314	<0.002	1.97	0.17	2.5	16	21.9	74.4	1.41	5.77	12.2	0.104	4.59	7.2
M896450		14.2	19.0	0.013	0.63	0.18	0.3	4	3.4	6.1	0.07	4.95	0.5	0.006	0.37	1.4
M896161		31.1	120.0	0.006	0.70	0.09	1.3	4	9.7	59.9	1.84	7.87	14.7	0.057	1.51	3.9
M896162		8.9	76.6	0.046	2.91	0.07	1.1	30	23.7	12.5	0.49	13.15	4.8	0.047	1.32	1.5
M896163		13.2	352	<0.002	2.13	0.07	2.8	4	220	7.2	1.55	0.68	5.7	0.170	4.03	3.3
M896164		24.1	274	<0.002	0.36	0.13	2.3	3	175.5	58.3	1.07	2.03	11.8	0.100	4.03	2.1
M896165		12.2	106.5	0.018	0.04	0.10	2.2	1	30.8	26.8	<0.05	0.84	5.4	0.039	1.50	1.0
M896166		10.9	161.0	0.012	1.33	0.05	1.9	15	38.4	35.9	0.87	5.26	10.0	0.077	2.46	2.6
M896167		30.5	257	0.007	0.61	<0.05	2.2	8	93.4	38.7	0.95	2.50	10.9	0.087	3.54	1.5
M896168		86.8	153.5	<0.002	0.06	1.96	1.3	2	39.8	13.3	0.46	1.28	6.9	0.049	3.10	1.9
M896169		30.0	126.5	<0.002	0.26	0.05	1.2	3	20.1	37.2	0.58	1.01	7.5	0.055	1.91	2.6
M896170		21.4	166.5	<0.002	<0.01	0.22	2.8	1	9.6	98.1	1.25	0.12	13.3	0.111	2.01	4.3
M896171		13.5	221	<0.002	0.01	0.35	5.4	2	147.0	52.4	1.01	0.47	9.6	0.268	3.72	3.2
M896172		16.9	158.0	<0.002	<0.01	0.09	2.3	1	12.1	83.6	1.00	0.10	12.7	0.094	2.09	4.1

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



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 Account: MTT

Project: MELOY

**CERTIFICATE OF ANALYSIS WH14128258**

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	Ag-OG62 Ag ppm	Cu-OG62 Cu %	Mo-OG62 Mo %
M896449		5	4.4	15.9	711	20.6	403	5.90	
M896450		<1	86.8	3.8	60	0.9			
M896161		3	449	24.3	124	26.5			
M896162		<1	15.7	8.2	77	11.7			3.94
M896163		8	94.2	12.4	144	58.1			
M896164		5	9.6	17.8	395	25.0			
M896165		1	2980	7.5	26	15.9			
M896166		3	193.5	14.0	94	26.8			1.670
M896167		4	47.4	10.2	284	26.1			
M896168		4	11.3	8.9	66	15.8			
M896169		3	8.9	7.0	89	16.4			
M896170		6	2.6	24.6	219	33.9			
M896171		32	105.0	13.2	398	25.0			
M896172		5	4.5	20.9	224	32.3			

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Project: MELOY

**CERTIFICATE OF ANALYSIS WH14128258**

	<b>CERTIFICATE COMMENTS</b>								
	<b>ANALYTICAL COMMENTS</b>								
Applies to Method:	REE's may not be totally soluble in this method. ME-MS61								
	<b>LABORATORY ADDRESSES</b>								
Applies to Method:	<p>Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 33%;">PUL-31</td> </tr> <tr> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21	PUL-31	PUL-QC	SPL-21	WEI-21	
CRU-31	CRU-QC	LOG-21	PUL-31						
PUL-QC	SPL-21	WEI-21							
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Ag-OG62</td> <td style="width: 33%;">Au-AA24</td> <td style="width: 33%;">Cu-OG62</td> <td style="width: 33%;">ME-MS61</td> </tr> <tr> <td>ME-OG62</td> <td>Mo-OG62</td> <td></td> <td></td> </tr> </table>	Ag-OG62	Au-AA24	Cu-OG62	ME-MS61	ME-OG62	Mo-OG62		
Ag-OG62	Au-AA24	Cu-OG62	ME-MS61						
ME-OG62	Mo-OG62								



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**CERTIFICATE WH14146240**

Project: MELOY

This report is for 1 Rock sample submitted to our lab in Whitehorse, YT, Canada on 16-SEP-2014.

The following have access to data associated with this certificate:

HEATHER BURRELL	SARAH DRECHSLER	JOAN MARIACHER
-----------------	-----------------	----------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-21	Sample logging - ClientBarCode
PUL-31	Pulverize split to 85% <75 um
SPL-21	Split sample - riffle splitter

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Au-AA24	Au 50g FA AA finish	AAS

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 ATTN: JOAN MARIACHER  
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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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Project: MELOY

**CERTIFICATE OF ANALYSIS WH14146240**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M896173		1.48	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

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Project: MELOY

**CERTIFICATE OF ANALYSIS WH14146240**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
M896173		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
		2.35	22.7	0.14	1.9	0.453	4.46	35.1	64.5	0.13	272	54.8	1.91	20.3	0.9	200

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Project: MELOY

**CERTIFICATE OF ANALYSIS WH14146240**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M896173		25.1	233	0.002	0.14	0.07	3.1	2	18.3	95.3	1.30	0.23	13.0	0.132	2.98	3.3

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**CERTIFICATE OF ANALYSIS WH14146240**

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M896173		6	16.8	18.8	184	37.0

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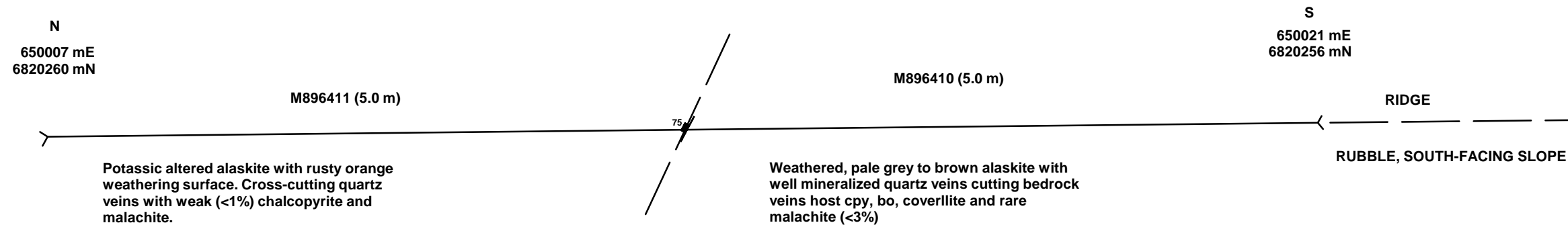
Project: MELOY

**CERTIFICATE OF ANALYSIS WH14146240**

	<b>CERTIFICATE COMMENTS</b>										
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>REE's may not be totally soluble in this method.            ME-MS61</p>										
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;"></td> <td style="width: 15%;">PUL-31</td> </tr> <tr> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21		PUL-31	PUL-QC	SPL-21	WEI-21		
CRU-31	CRU-QC	LOG-21		PUL-31							
PUL-QC	SPL-21	WEI-21									
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Au-AA24</td> <td style="width: 33%;">ME-MS61</td> <td style="width: 33%;"></td> <td style="width: 15%;"></td> </tr> </table>	Au-AA24	ME-MS61								
Au-AA24	ME-MS61										

**APPENDIX VI**  
**TRENCH MAPS**

TR-14-01  
 PLAN VIEW - EXCAVATED ALONG RIDGE



**STRATEGIC METALS LTD.**

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**TR-14-01**

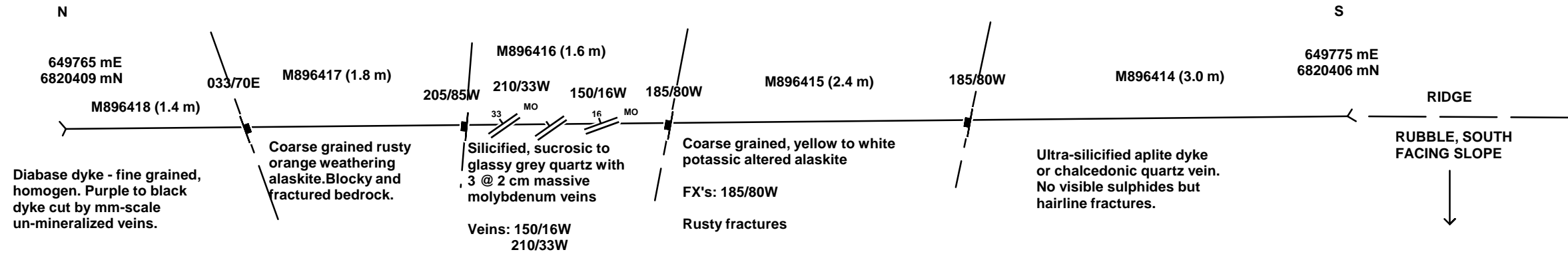
MELOY PROPERTY



FILE: .../2014/MELOY

DATE: JANUARY 2015

TR-14-02  
 PLAN VIEW - EXCAVATED ALONG RIDGE



**STRATEGIC METALS LTD.**

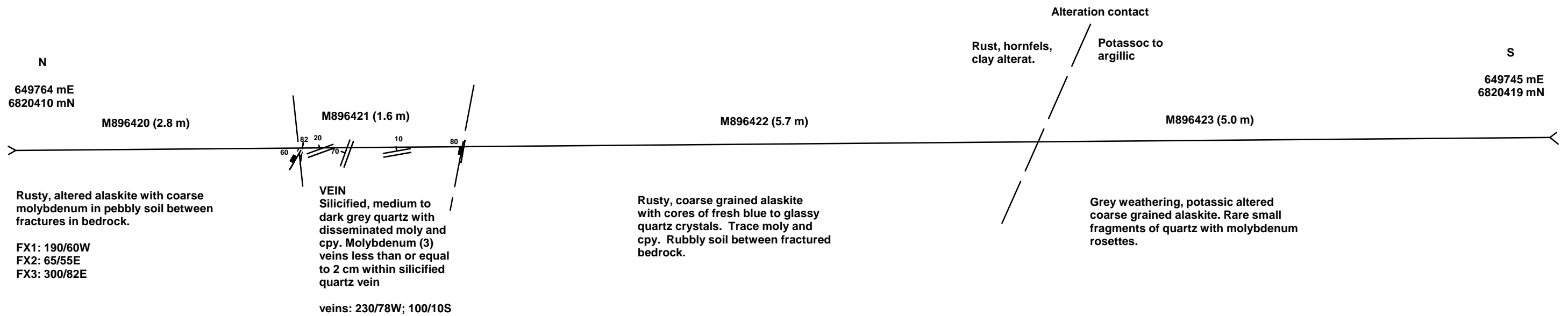
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**TR-14-02**

MELOY PROPERTY



TR-14-03  
 PLAN VIEW - EXCAVATED ALONG RIDGE



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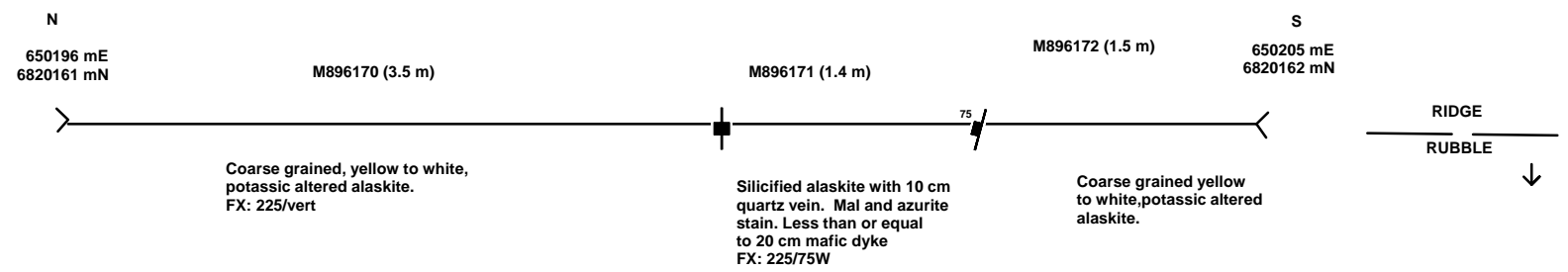
**TR-14-03**

MELOY PROPERTY





TR-14-04



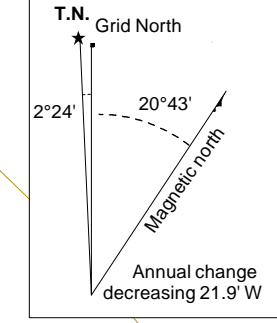
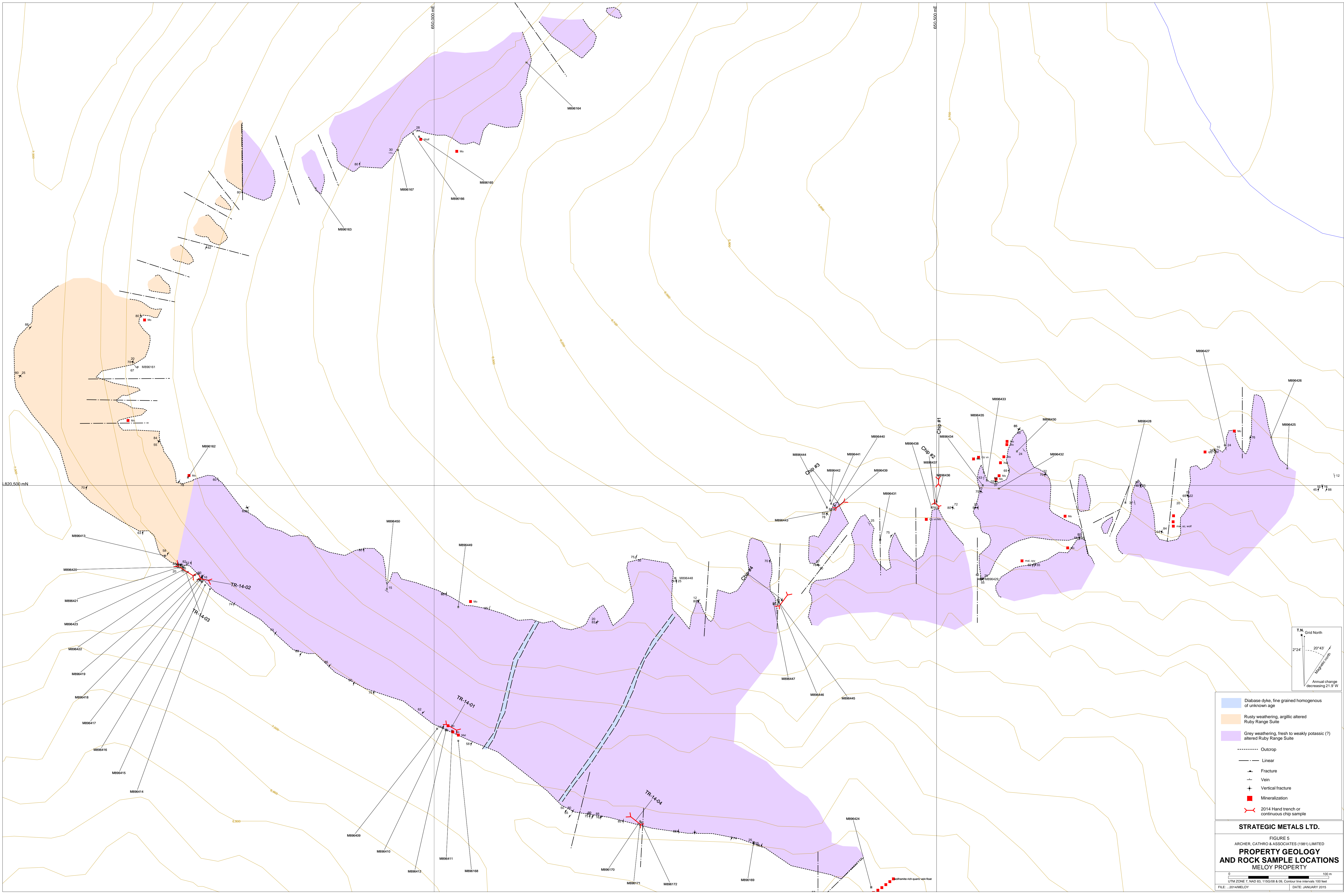
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**TR-14-04**

MELOY PROPERTY





- Diabase dyke, fine grained homogenous of unknown age
- Rusty weathering, argillic altered Ruby Range Suite
- Grey weathering, fresh to weakly potassic (?) altered Ruby Range Suite
- Outcrop
- Linear
- ┆ Fracture
- ┆ Vein
- ┆ Vertical fracture
- Mineralization
- ┆ 2014 Hand trench or continuous chip sample