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**ASSESSMENT REPORT**

describing

**GEOCHEMICAL SAMPLING AND MECHANIZED TRENCHING**

at the

**JEFF PROPERTY**

Jeff 1-16    YD33735-YD33750  
17-20    YC98495-YC98498

NTS 105G/16

Latitude 61°52'N; Longitude 130°19'W

Watson Lake Mining District  
Yukon Territory

Field work performed between August 1 and 5, 2012

prepared by

Archer, Cathro & Associates (1981) Limited

for

**STRATEGIC METALS LTD.**

by

A. Mitchell, B.Sc., GIT  
May 2013

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## **INTRODUCTION**

The Jeff property covers two silver-lead-zinc±copper targets that lie within the Finlayson Lake District of Yukon Territory. The Jeff property is wholly owned by Strategic Metals Ltd.

This report describes soil sampling and mechanized trenching that were conducted between August 1 and 5, 2012 by Archer, Cathro and Associates (1981) Limited on behalf of Strategic Metals. The author interpreted all results from this program and his Statement of Qualifications is provided in Appendix I. The Statement of Expenditures appears in Appendix II.

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

The Jeff property is located in southeastern Yukon, at latitude 61°52' north and longitude 130°19' west on NTS map sheet 105G/16 (Figure 1). The property comprises 20 contiguous mineral claims covering approximately 400 ha (4 sq km). The claims are registered with the Watson Lake Mining Recorder in the name of Archer Cathro, which holds them in trust for Strategic Metals. Specifics concerning claim registration are tabulated below, while the locations of individual claims are shown on Figure 2.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
Jeff 1-16	YD33735-YD33750	March 9, 2020
17-20	YC98495-YC98498	March 9, 2020

\* Expiry dates include 2012 work that has been filed for assessment credit, but has not yet accepted.

Daily access to and from the property was provided by a Hughes 500D helicopter operated by Kluane Airways from the Inconnu Fishing Lodge on McEvoy Lake, located 10 km to the southeast.

The Jeff property lies 115 km east-southeast of Ross River, the nearest supply centre. The closest road access is from the Robert Campbell Highway at the east end of Finlayson Lake. This point is about 132 km southeast of Ross River and 28 km by air south-southwest of the property. Ross River and Finlayson Lake can be reached in all seasons by two wheel drive vehicles using the Yukon highway system.

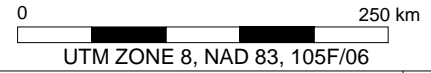
## **HISTORY AND PREVIOUS WORK**

In 1987, the Geological Survey of Canada (GSC) completed a regional stream sediment sampling program on NTS map sheet 105G (Friske et al, 2008). Three samples were collected from creeks draining the Jeff property. These samples included anomalous values of 112 ppm lead, 40 ppm copper and 450 ppm zinc, with low gold and silver.

In 1991, Cominco Ltd. staked the Jeff 1 to 4 claims to cover a silver-lead-zinc occurrence discovered during a regional exploration program (Schultze, 1992). Prospecting revealed a set of galena-, sphalerite- and tetrahedrite-bearing quartz veins in silicified Earn Group mudstones and

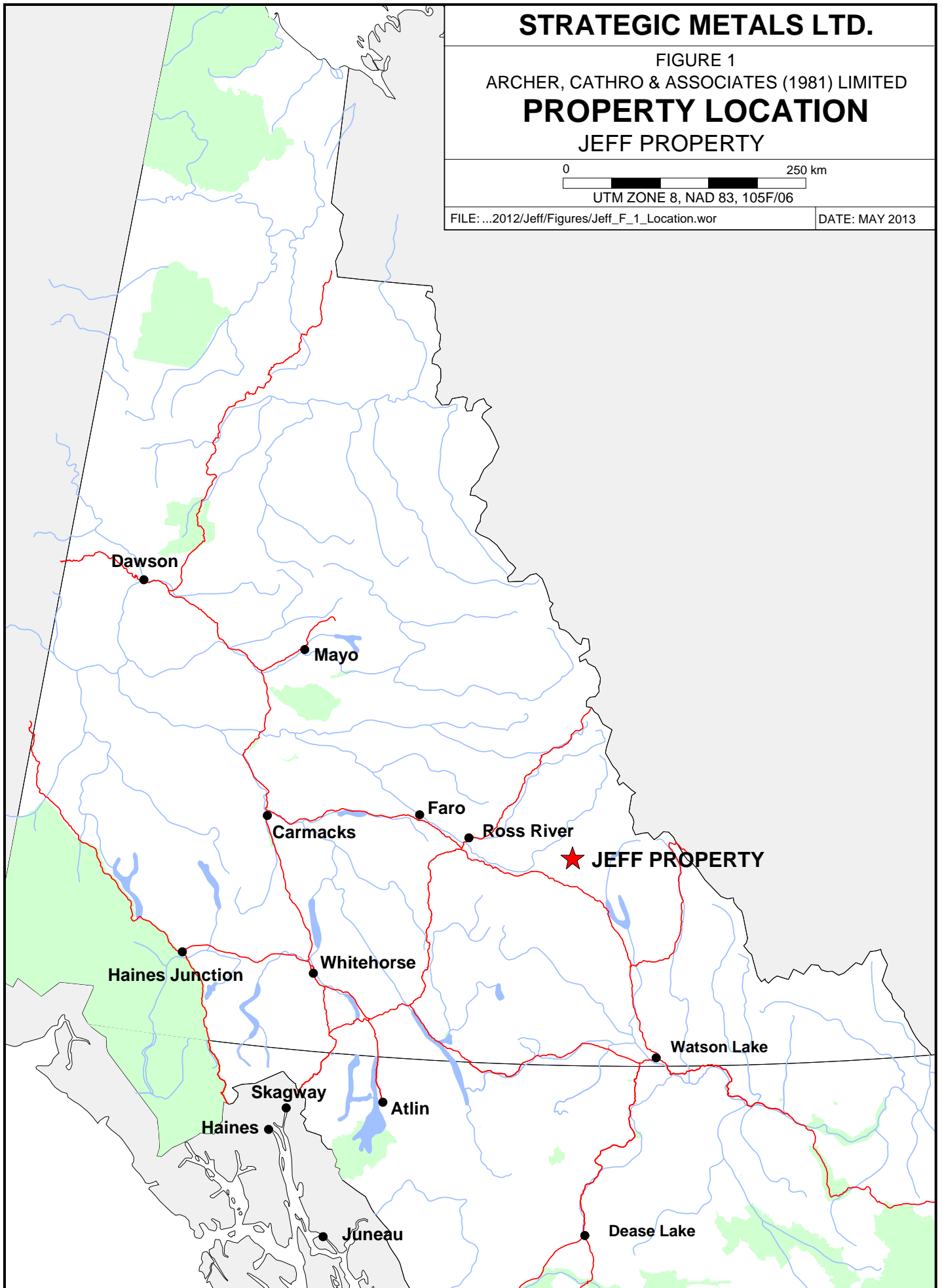
# STRATEGIC METALS LTD.

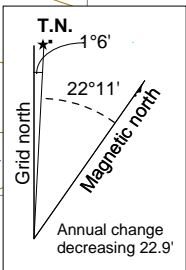
FIGURE 1  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**PROPERTY LOCATION**  
JEFF PROPERTY



FILE: ...2012/Jeff/Figures/Jeff\_F\_1\_Location.wor

DATE: MAY 2013



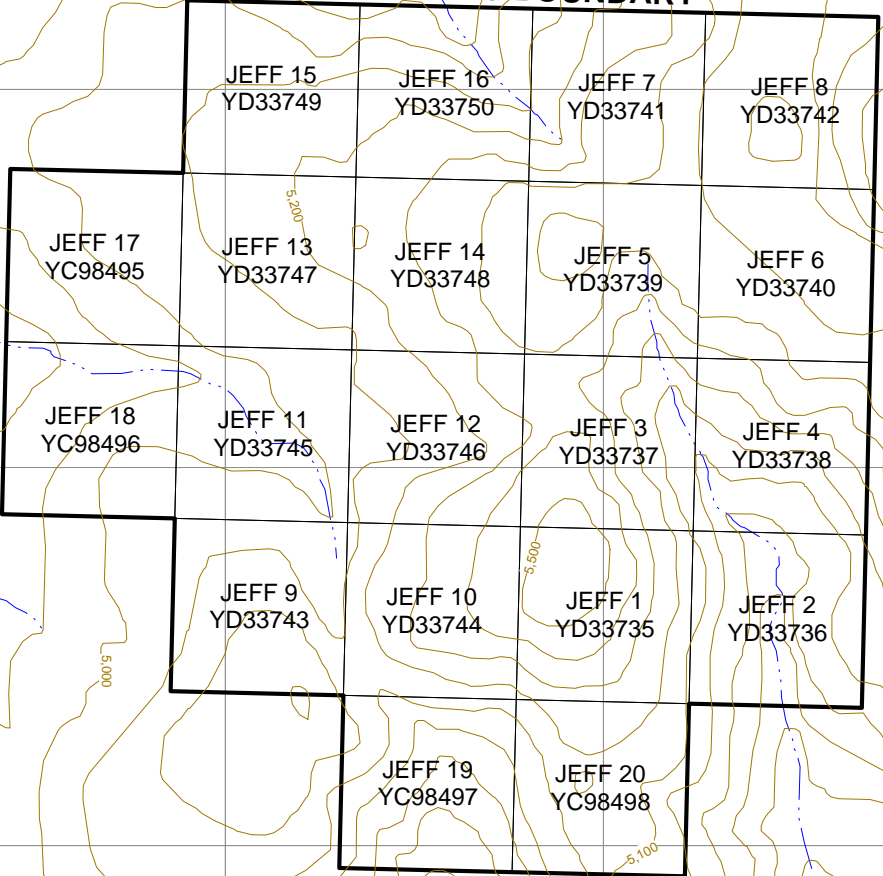


430000 mE

431000 mE

432000 mE

**PROPERTY BOUNDARY**



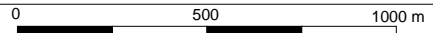
6861000 mN

6860000 mN

6859000 mN

**STRATEGIC METALS LTD.**

FIGURE 2  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**CLAIM LOCATIONS**  
JEFF PROPERTY



UTM Zone 9, NAD83, NTS sheet 105G/16, Contour Intervals 100 ft

FILE: 2012/Jeff/F\_2\_Claim\_Location.WOR

DATE: MAY 2013

siltstones (Jefferson Showing). A soil geochemical survey was reportedly carried out in the vicinity of the Jefferson Showing; however, no report is available for this work.

In 1992, Cominco established soil grids over what was thought to be the trace of the mineralized vein system (Schultze, 1992). Cominco did not consider the geochemical results to be encouraging and subsequently allowed the claims to lapse.

In March 2010, Strategic Metals staked the Jeff 1 to 16 claims and added four more claims in July, prior to completing property-scale stream sediment sampling, grid soil sampling, prospecting and hand trenching (Eaton, 2010). This work relocated the Jefferson Showing and identified a 10 by 10 m area within a prominent linear gully, which contains silver-lead-zinc±copper mineralization hosted in locally abundant goethite and quartz vein material (Starship Showing). Three hand trenches were dug to locate and evaluate the sources of mineralization and geochemical anomalies outlined by the soil geochemical surveys.

Results from the above mentioned exploration programs are discussed in the appropriate sections below.

### **GEOMORPHOLOGY AND CLIMATE**

The Jeff property is situated in the Selwyn Mountains. It is drained by creeks that flow into McEvoy Lake, which ultimately connects to the Arctic Ocean via the Frances, Liard and MacKenzie Rivers.

The Jeff property covers part of a north-northwest-trending arcuate ridge system. Local elevations on the property range from approximately 1450 to 1700 m above sea level (asl). Topography is moderate to gentle and outcrop is largely confined to ridge tops and creek cuts.

Most of the property lies above treeline, which is at approximately 1450 m asl. Slopes above that elevation are primarily vegetated with low lying grasses and staghorn moss along with stunted alder in wet areas. Below treeline vegetation comprises mature black spruce with an understory of low shrubs and moss.



Typical terrain and vegetation at the Jeff property

The climate in the Jeff property area is typical of northern continental regions with long, cold winters, truncated fall and spring seasons and short, mild summers. Although summers are relatively mild, arctic cold fronts often cover the area and snowfall can occur in any month. The property is mostly snow free from early June to late September.

## GEOLOGY

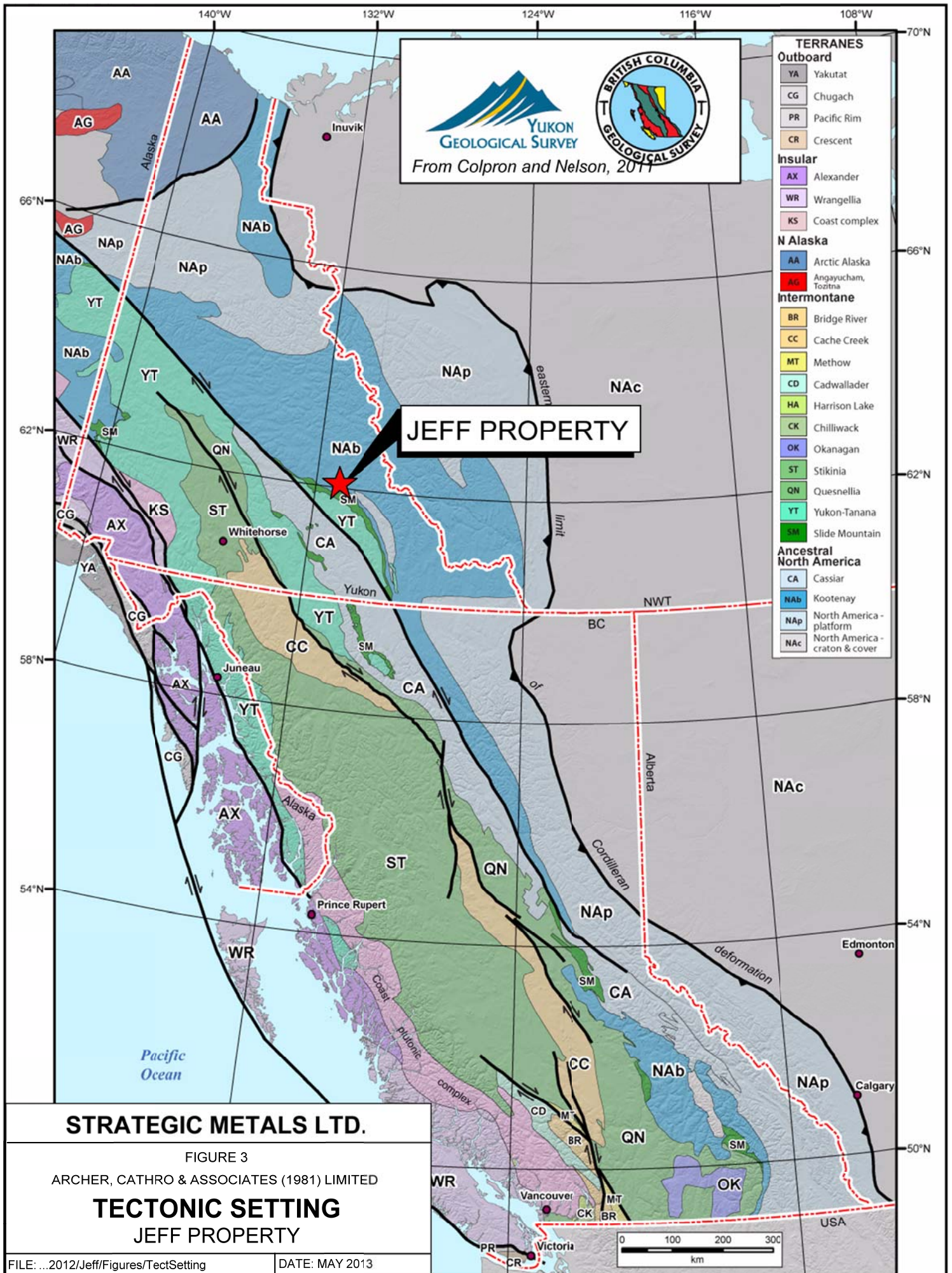
In 1977, the GSC published a geological map of the Finlayson Lake area (NTS map sheet 105G) at 1:250,000 scale (Tempelman-Kluit, 1977). In 2002, the Yukon Geological Survey (YGS) completed a compilation of geology in the Finlayson Lake area and updated lithological names in the vicinity of the Jeff property (Bond et al, 2002). In 2003, Gordey and Makepeace incorporated this data as part of a Yukon-wide geological compilation. YGS now maintains a website that is updated as additional data become available (YGS, 2013). The following geological descriptions are based on the published data. No geological mapping has been carried out by Strategic Metals.

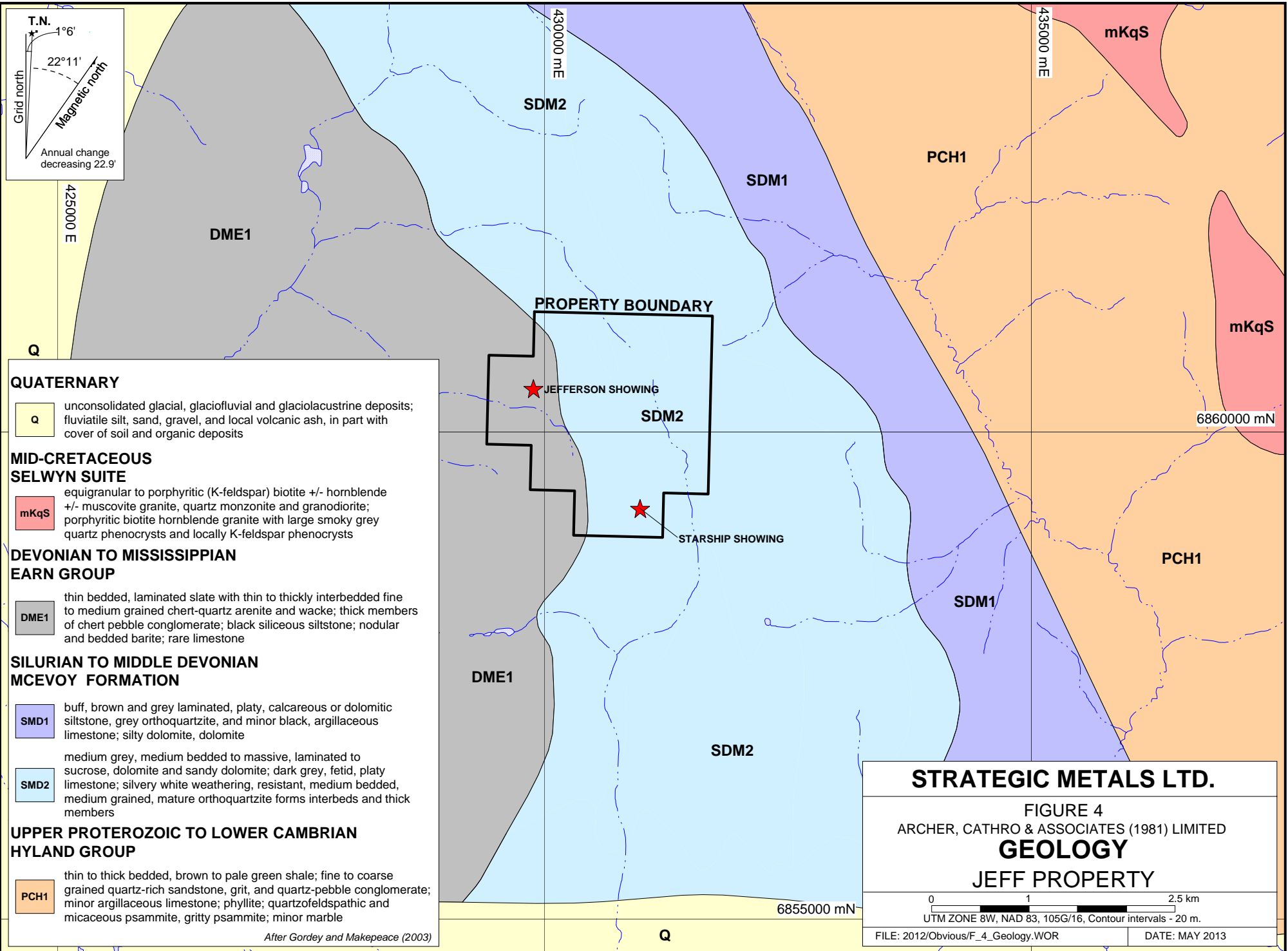
The Jeff property is located within Selwyn Basin (Figure 3), a tectonic element comprising deep water clastic rocks, chert and minor carbonate accumulated along the North American continental margin during Paleozoic time (Pigage, 2004). Regionally, this miogeoclinal package is weakly deformed and slightly metamorphosed. In the Jeff area, the package comprises: Silurian to Devonian McEvoy Formation siltstone, carbonate and quartzite; Devonian to Mississippian Earn Group shale and limestone; and Upper Proterozoic to Lower Cambrian Hyland Group shale, quartz-rich sandstone, grit, and quartz-pebble conglomerate (Figure 4). Detailed descriptions of these units are provided in Table I.

**Table I – Lithological Units (after Gordey and Makepeace, 2003)**

<b>Unit Name</b>	<b>Map Name</b>	<b>Age</b>	<b>Description</b>
Quaternary	Q	Quaternary	Unconsolidated glacial, glaciofluvial and glaciolacustrine deposits; fluvial silt, sand, gravel, and local volcanic ash, in part with cover of soil and organic deposits.
Selwyn Suite	mKqS	Mid-Cretaceous	Equigranular to porphyritic potassium-feldspar-biotite ± hornblende ± muscovite granite, quartz monzonite and granodiorite; porphyritic biotite hornblende granite with large smoky grey quartz phenocrysts and locally potassium feldspar phenocrysts.
Earn Group	DME1	Devonian to Mississippian	Thin bedded, laminated slate with thin to thickly interbedded fine to medium grained chert-quartz arenite and wacke; thick members of chert pebble conglomerate; black siliceous siltstone; nodular and bedded barite; rare limestone.
McEvoy Formation	SDM (undifferentiated)	Silurian to Middle Devonian	Buff, platy siltstone (1) overlain by carbonate and quartzite (2).
	SDM1		Buff, brown and grey laminated, platy, calcareous or dolomitic siltstone, grey orthoquartzite, and minor black, argillaceous limestone; silty dolomite, dolomite.
	SDM2		Medium grey, medium bedded to massive, laminated to sucrose, dolomite and sandy dolomite; dark grey, fetid, platy limestone; silvery white weathering, resistant, medium







			bedded, medium grained, mature orthoquartzite forms interbeds and thick members.
Hyland Group	PCH (undifferentiated)	Upper Proterozoic to Lower Cambrian	Consists upwards of coarse turbiditic clastics, limestone and fine clastics typified by maroon and green shale; scattered mafic volcanic rocks.
	PCH1		Thin to thick bedded, brown to pale green shale; fine to coarse grained quartz-rich sandstone, grit, and quartz-pebble conglomerate; minor argillaceous limestone; phyllite; quartzofeldspathic and micaceous psammite, gritty psammite; minor marble.

The Inconnu Thrust Fault, which separates Selwyn Basin rocks from accreted units of the Yukon-Tanana Terrane, lies 10 km southwest of the property. No large faults have been mapped on the property.

The closest mapped intrusions are a series of Mid-Cretaceous Selwyn Suite quartz monzonite stocks and plugs that form an arcuate belt, six kilometres east of the property.

### **MINERALIZATION**

The Jeff property hosts the Jefferson and Starship showings – both of which lie within shallow recessive linears. The Jefferson Showing is exposed over a five metre area and comprises galena-, sphalerite- and tetrahedrite-bearing quartz veins that reported parallel foliation at 225/65°NW. The Starship Showing lies 1600 m southeast of the Jefferson Showing and is defined by a 10 by 10 m area of goethite and quartz vein float.

#### **Jefferson Showing**

Historical chip sampling of hand trenches at this showing returned values ranging from 22 g/t silver, 0.2% lead and 0.89% zinc over 0.3 m to 1560 g/t silver, 24% lead and 13.5% zinc over one metre (Schultze, 1992). In 2010, Strategic Metals dug three hand trenches to test the showing; however, only TR-10-01 reached bedrock. A 0.24 m chip sample of massive galena, sphalerite and minor tetrahedrite in a quartz gangue returned 1230 g/t silver, 40.37% lead, 10.95% zinc, 0.54% copper and 0.129 g/t gold.

One cobble of galena-, sphalerite- and pyrite-bearing quartz vein was found in soil near surface at the southeast end of TR-10-02. It yielded 461 g/t silver, 35.15% lead, 5.05% zinc, 0.31% copper, 282 ppm antimony and 0.070 g/t gold.

In 2012, Strategic Metals dug three more trenches (TR-12-01, -02, -03) at the Jefferson Showing using a Candig excavator owned and operated by 15317 Yukon Inc. of Whitehorse. None of these trenches reached bedrock. Tr-12-01 and TR-12-02 were excavated to about 1.5 m depth and auger soil samples were collected from the trench floor. These samples are described in the Soil Geochemistry section below. TR-12-03 was excavated to greater than two metres depth,

which made entry into the trench unsafe and therefore, soil samples were not collected from the floor of this trench. Due to this fact, six continuous two metre long overburden samples were taken from excavated material placed adjacent to the trench.

The locations of 2012 trenches and previous rock samples are plotted on Figure 5, while results for silver, lead, zinc, copper, gold, arsenic, bismuth and antimony are plotted on Figures 6 to 13, respectively. Certificates of Analysis are given in Appendix III.

The start and end points of each 2012 trench was determined using handheld GPS units. The samples were sent to ALS Minerals in Whitehorse, Yukon where they were dried, fine crushed to better than 70% passing -2 mm and then a 250 g split was pulverized to better than 85% passing 75 micron. The pulverized splits then sent to ALS Minerals in North Vancouver where they were analyzed for gold using fire assay followed by inductively coupled plasma-atomic emission spectroscopy analysis (Au-ICP21) and for 51 elements using an aqua regia digestion followed by inductively coupled plasma combined with mass spectroscopy and atomic emission spectroscopy (ME-MS41).

The overburden samples from TR-12-03 returned low values from all metals of interest.

### Starship Showing

The Starship Showing hosts orange-brown weathering, fine grained, decomposed sandstone (?) with minor dense goethitic patches and goethite-rich quartz vein material. Five specimen samples taken from this zone in 2010 averaged 16.3 g/t silver, 421 ppm lead, 1839 ppm zinc, 956 ppm copper and 808 ppm bismuth. A sixth sample taken 75 m north of the Starship Showing yielded 2230 ppm zinc, with subdued results for the other elements of interest. No work was done at this showing in 2012.

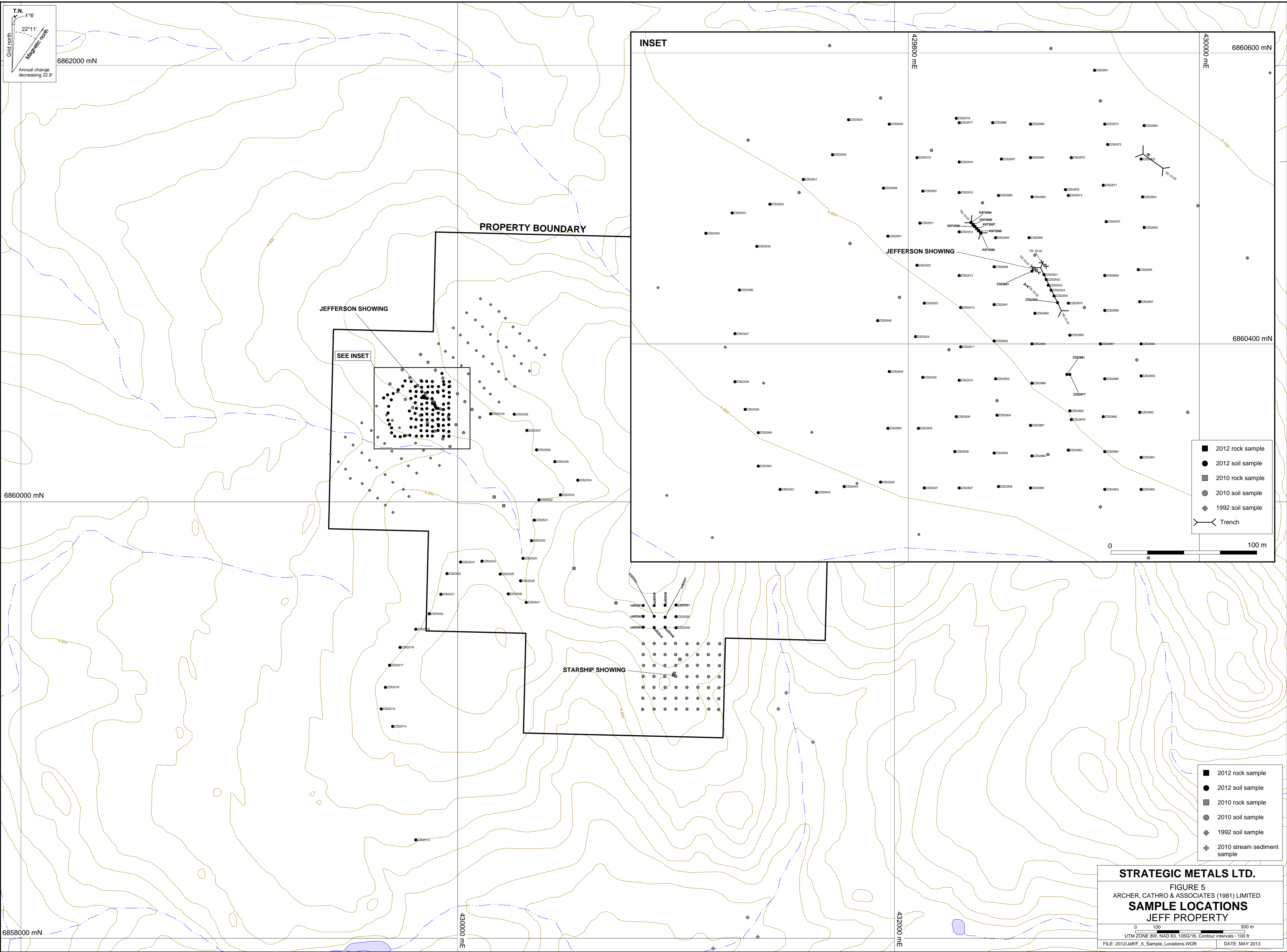


Linear gully at Starship Showing



Quartz vein with goethite at Starship Showing

In 2010, four scattered float samples were collected between the two showings. One sample of silicified mudstone returned 9.4 g/t silver, 3279 ppm lead and 1355 ppm zinc. The other three samples comprised weakly limonitic quartz vein and silicified mudstone. They yielded background values for all elements of interest.



T.N. 1'6"  
 Grid north  
 22°11'  
 Magnetic north  
 Annual change decreasing 22.9'

INSET

PROPERTY BOUNDARY

JEFFERSON SHOWING

SEE INSET

STARSHIP SHOWING

JEFFERSON SHOWING

- 2012 rock sample
- 2012 soil sample
- 2010 rock sample
- 2010 soil sample
- ◆ 1992 soil sample
- ⊕ 2010 stream sediment sample
- Trench

0 100 m

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FIGURE 5  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**SAMPLE LOCATIONS**  
**JEFF PROPERTY**

0 100 500 m  
 UTM ZONE 8W, NAD 83, 105G/16, Contour intervals - 100 ft  
 FILE: 2012/Jeff/F\_5\_Sample\_Locations.WOR DATE: MAY 2013

## SOIL GEOCHEMISTRY

In 2012, a total of 145 deep auger soil samples were collected in the vicinity of the Jefferson Showing, the Starship Showing, or along a contour line between the two. These soil samples were mostly taken at 25 by 25 m or 50 by 50 m spacing's. Deep auger soil samples were also collected from soil on the floors of TR-12-01 and TR-12-02. Sample sites outside the trenches are marked by aluminum tags inscribed with the sample numbers and affixed to 0.5 m wooden lath that were driven into the ground. Soil samples were collected from 40 to 60 cm deep holes dug by hand-held auger. They were placed into individually pre-numbered Kraft paper bags. The soil samples were sent to ALS Minerals in Whitehorse where they were dried and screened to -180 microns. They were then sent to ALS Minerals in North Vancouver where they were analyzed for gold using fire assay followed by inductively coupled plasma-atomic emission spectroscopy analysis (Au-ICP21) and for 51 elements using an aqua regia digestion followed by inductively coupled plasma combined with mass spectroscopy and atomic emission spectroscopy (ME-MS41).

Sample locations and results for silver, lead, zinc, copper, gold, arsenic, bismuth and antimony are plotted on Figures 6 to 13, respectively. Certificates of Analysis can be found in Appendix III while Table II lists thresholds used to describe soil sample results.

**Table II – Soil Geochemical Thresholds**

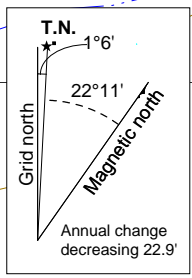
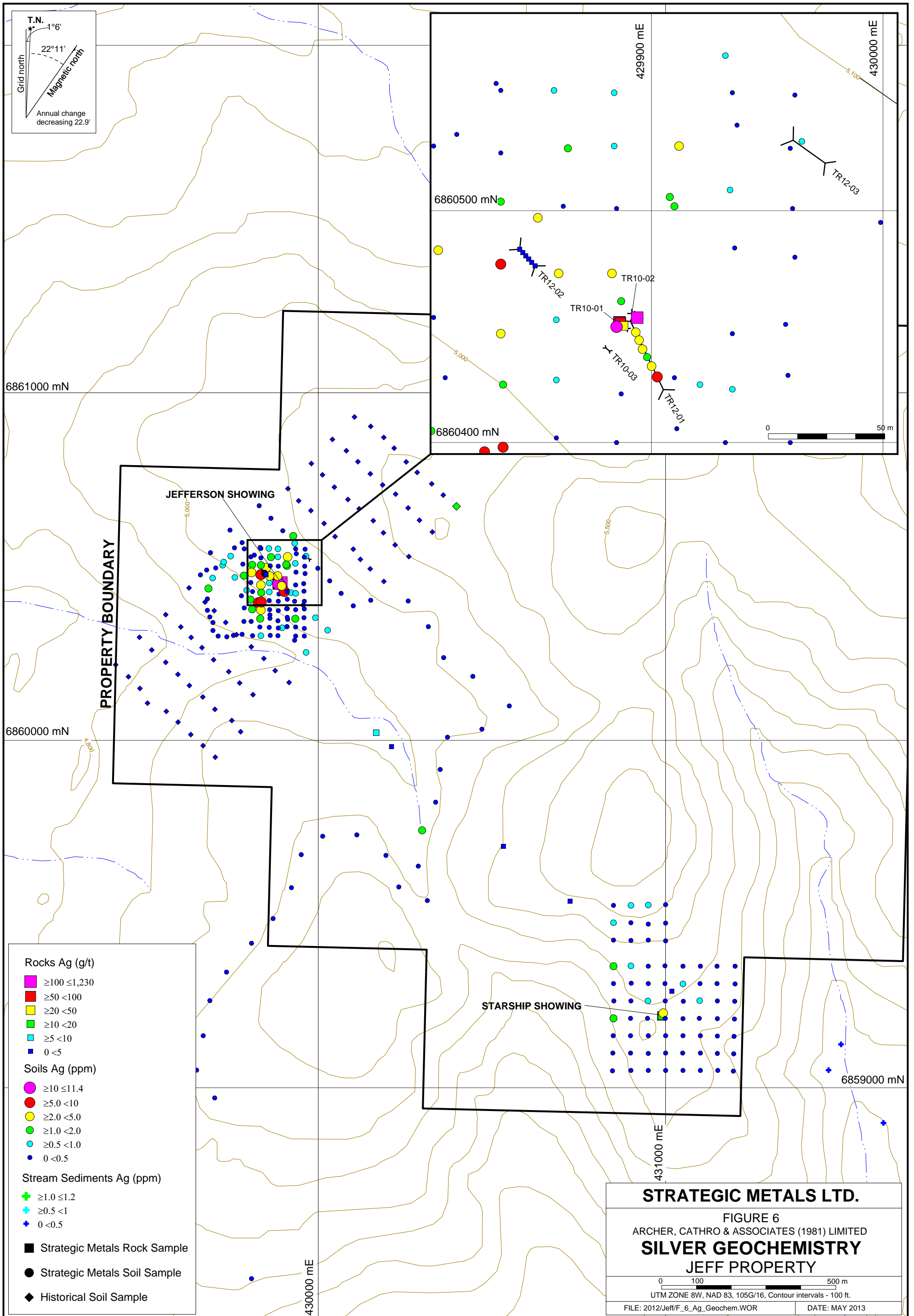
Element	Anomalous Thresholds		
	Weak	Moderate	Strong
Silver (ppm)	≥ 1.0 < 2.0	≥ 2.0 < 5.0	≥ 5.0
Lead (ppm)	≥ 100 < 200	≥ 200 < 500	≥ 500
Zinc (ppm)	≥ 200 < 500	≥ 500 < 1,000	≥ 1,000
Copper (ppm)	≥ 50 < 100	≥ 100 < 200	-
Gold (ppb)	≥ 5 < 10	≥ 10 < 20	≥ 20
Arsenic (ppm)	≥ 50 < 100	≥ 100 < 200	≥ 200
Bismuth (ppm)	≥ 5 < 10	≥ 10 < 20	≥ 20
Antimony (ppm)	≥ 5 < 10	≥ 10 < 20	-

Grid Sampling across the Jefferson Showing outlined a 110 by 90 m, north-northeasterly trending, moderate to strong silver, lead, zinc, copper and arsenic anomaly with moderate to strong values for gold and antimony clustering near the centre of it.

The soil grid encompassing the Starship Showing outlined a 300 by 290 m area of moderate zinc values with spotty moderately anomalous values for lead, copper, silver, gold and bismuth.

Samples taken along the contour line between the showings were spaced 100 m apart. These samples returned mostly background to weakly elevated values.

Deep auger soil samples collected at four metre spacing's along the floors of TR-12-01 and TR-12-02 returned the highest soil geochemical values on the property. These samples were taken at depths between 100 and 350 m below original soil surface. They returned moderately to strongly



6861000 mN

6860000 mN

Rocks Ag (g/t)

- $\geq 100 < 1,230$
- $\geq 50 < 100$
- $\geq 20 < 50$
- $\geq 10 < 20$
- $\geq 5 < 10$
- $0 < 5$

Soils Ag (ppm)

- $\geq 10 < 11.4$
- $\geq 5.0 < 10$
- $\geq 2.0 < 5.0$
- $\geq 1.0 < 2.0$
- $\geq 0.5 < 1.0$
- $0 < 0.5$

Stream Sediments Ag (ppm)

- +
- +
- +

- Strategic Metals Rock Sample
- Strategic Metals Soil Sample
- ◆ Historical Soil Sample

6860500 mN

6860400 mN

429900 mE

430000 mE

0 50 m

JEFFERSON SHOWING

PROPERTY BOUNDARY

STARSHIP SHOWING

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FIGURE 6  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**SILVER GEOCHEMISTRY**  
**JEFF PROPERTY**

0 100 500 m  
UTM ZONE 8W, NAD 83, 105G/16, Contour intervals - 100 ft.

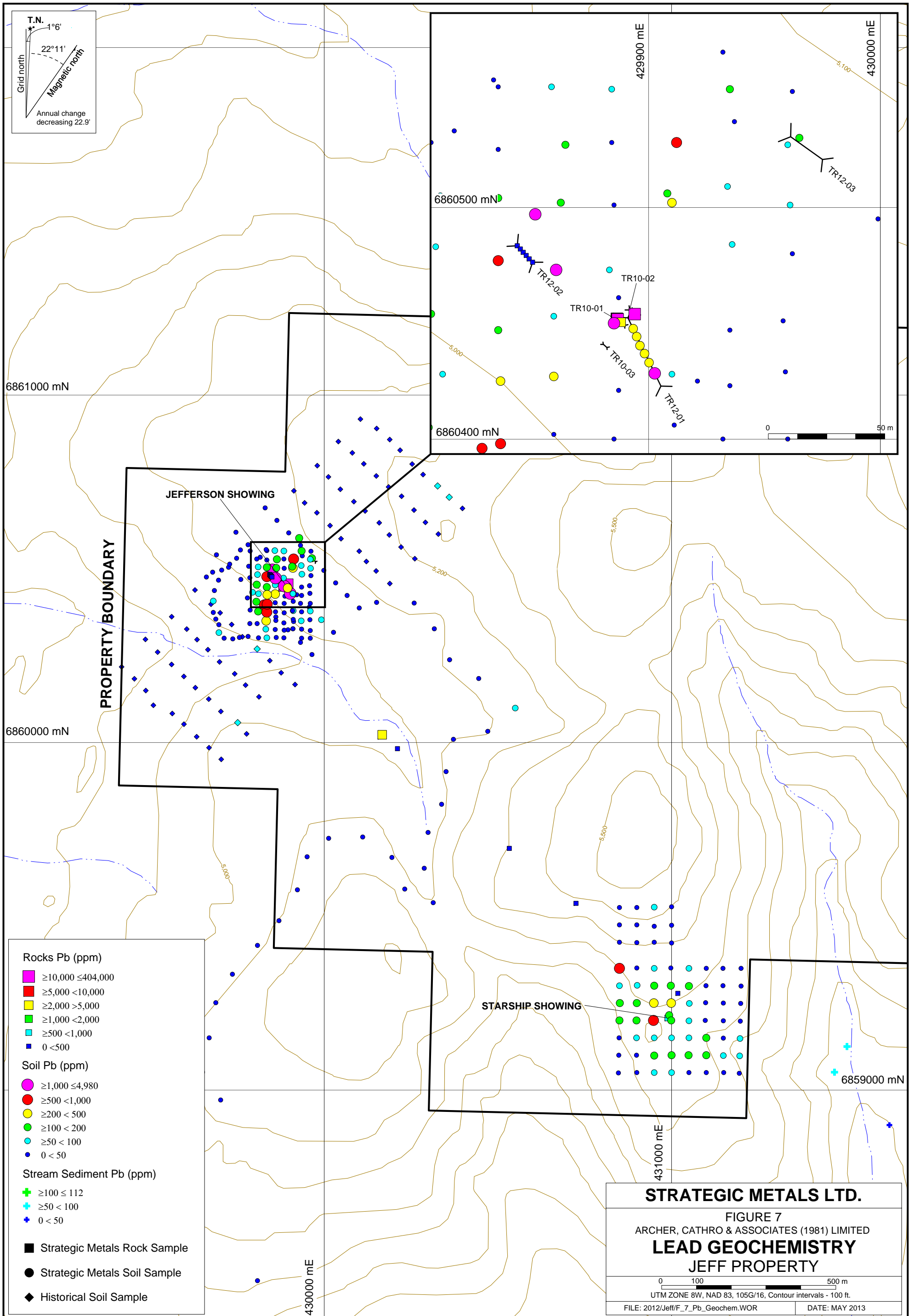
FILE: 2012/Jeff/F\_6\_Ag\_Geochem.WOR

DATE: MAY 2013

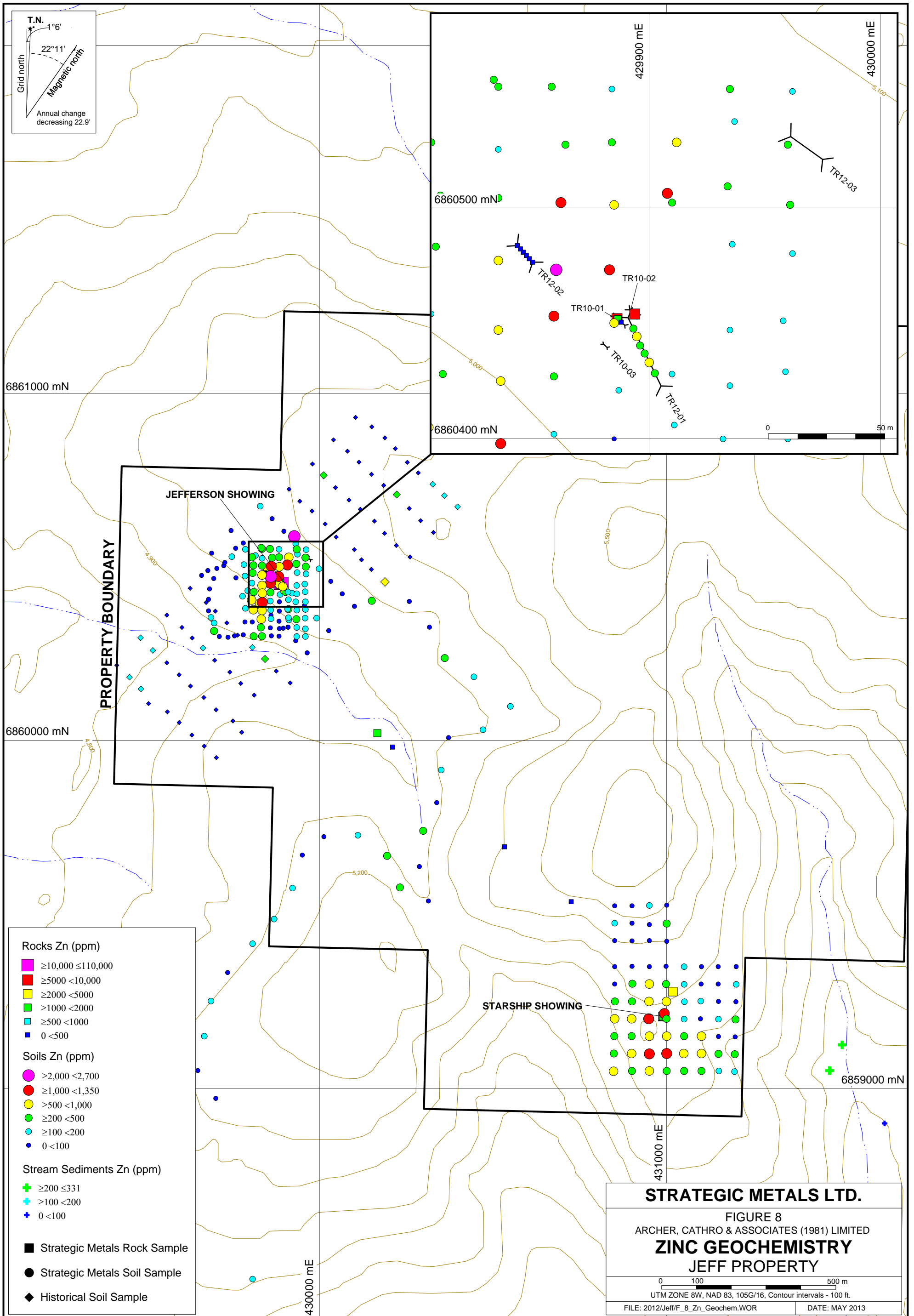
430000 mE

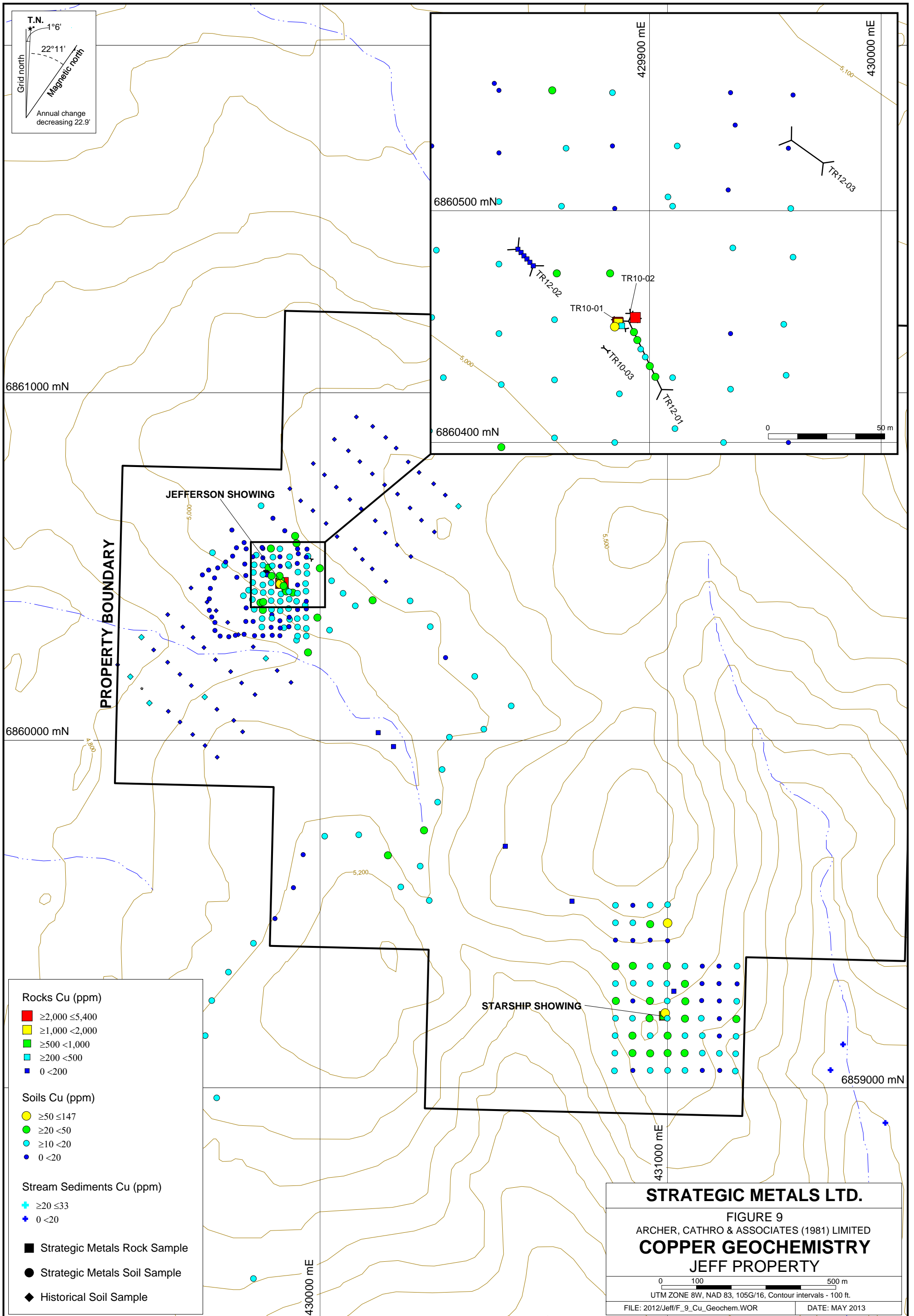
431000 mE

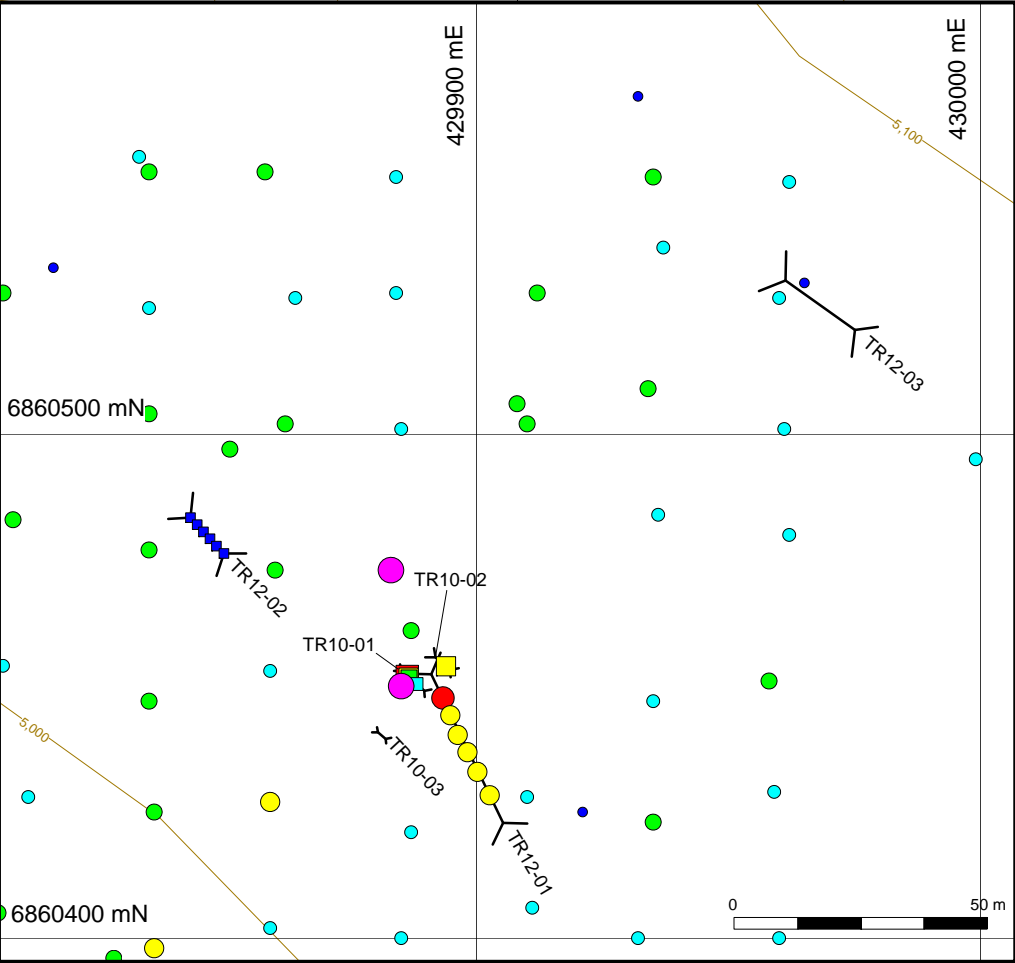
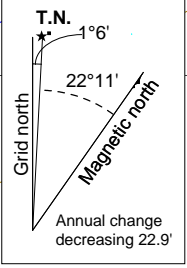
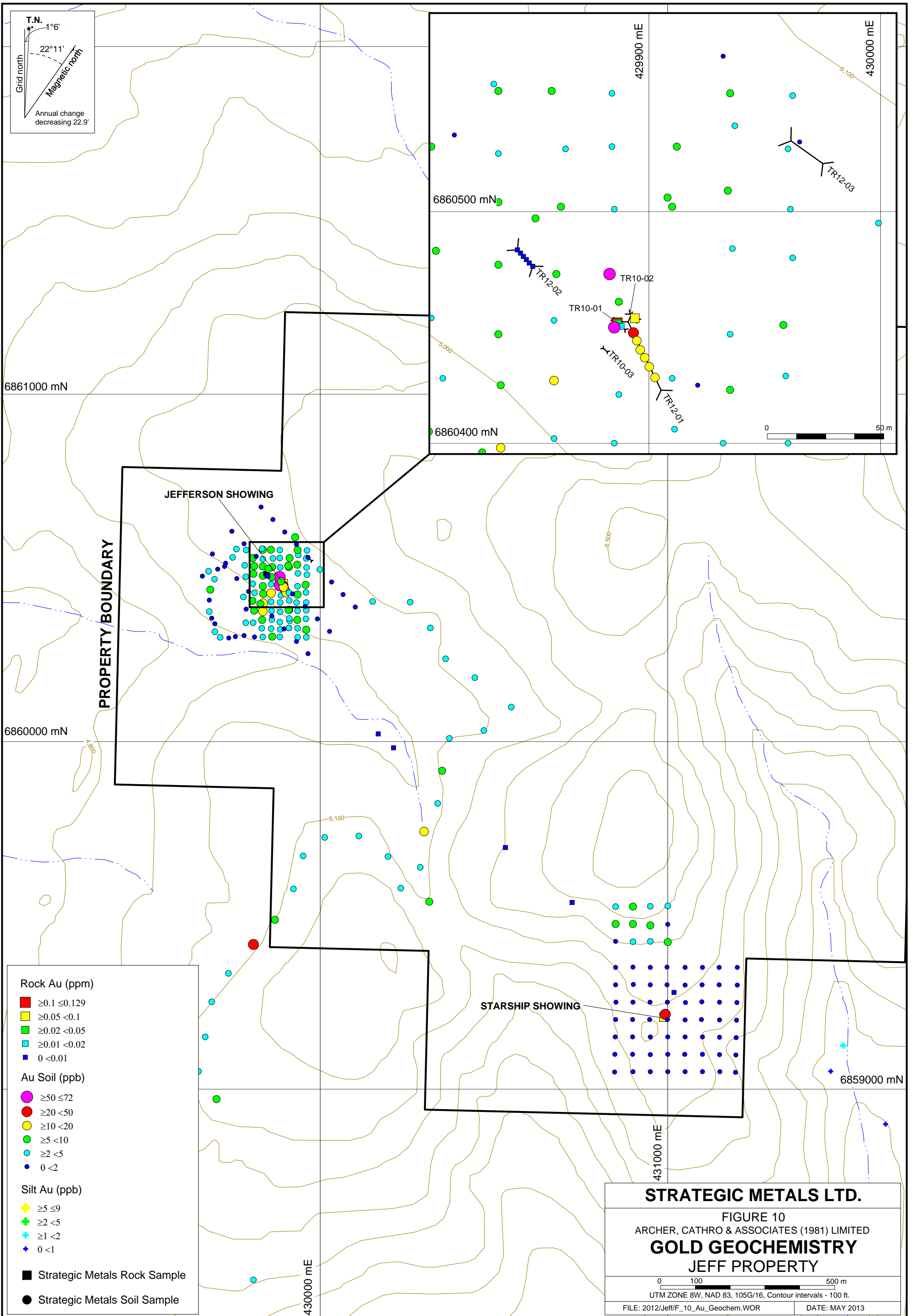
6859000 mN











- Rock Au (ppm)**
- $\geq 0.1 < 0.129$
  - $\geq 0.05 < 0.1$
  - $\geq 0.02 < 0.05$
  - $\geq 0.01 < 0.02$
  - $0 < 0.01$
- Au Soil (ppb)**
- $\geq 50 \leq 72$
  - $\geq 20 < 50$
  - $\geq 10 < 20$
  - $\geq 5 < 10$
  - $\geq 2 < 5$
  - $0 < 2$
- Silt Au (ppb)**
- ✚  $\geq 5 \leq 9$
  - ✚  $\geq 2 < 5$
  - ✚  $\geq 1 < 2$
  - ✚  $0 < 1$
- Strategic Metals Rock Sample
- Strategic Metals Soil Sample

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FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

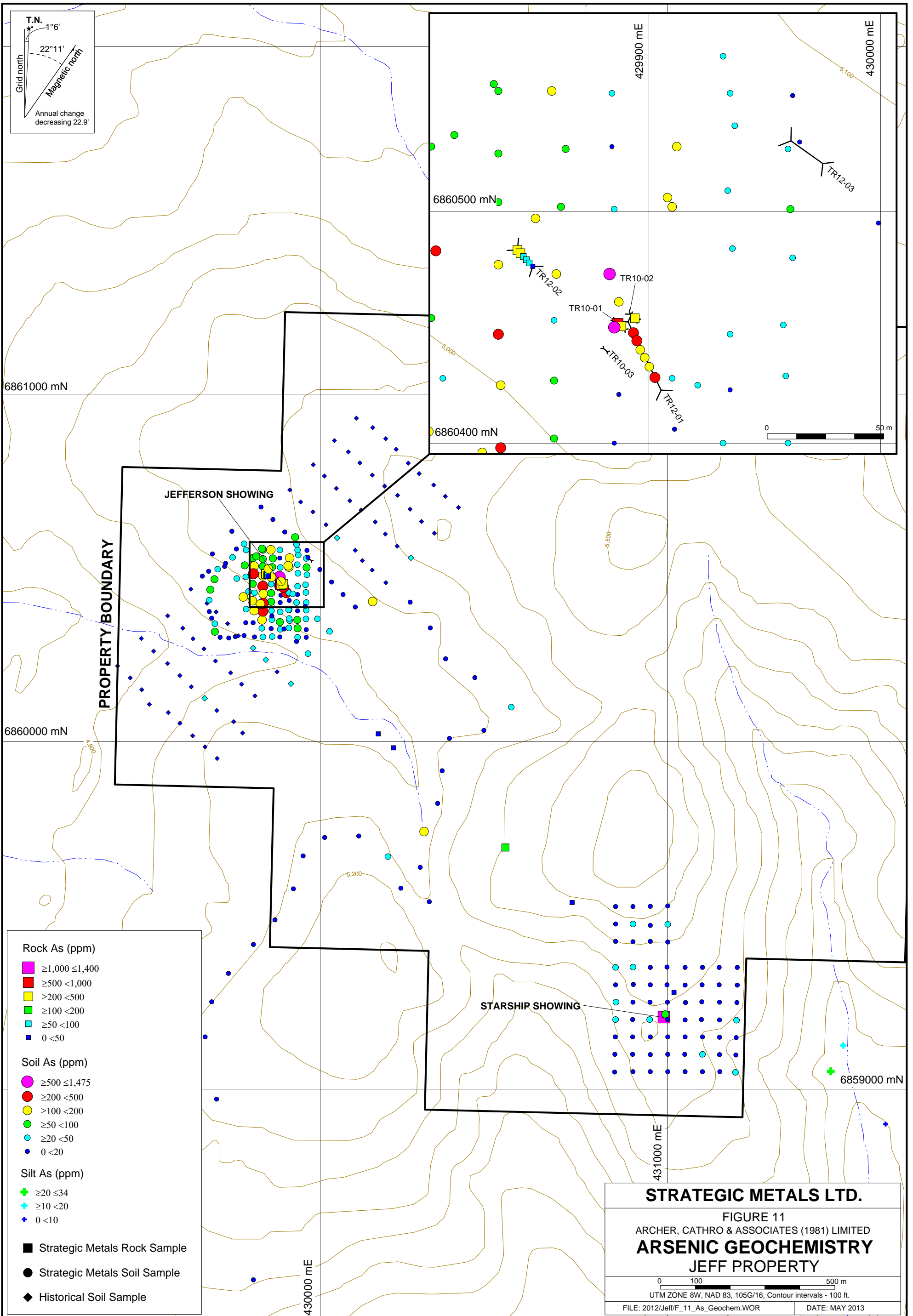
**GOLD GEOCHEMISTRY**

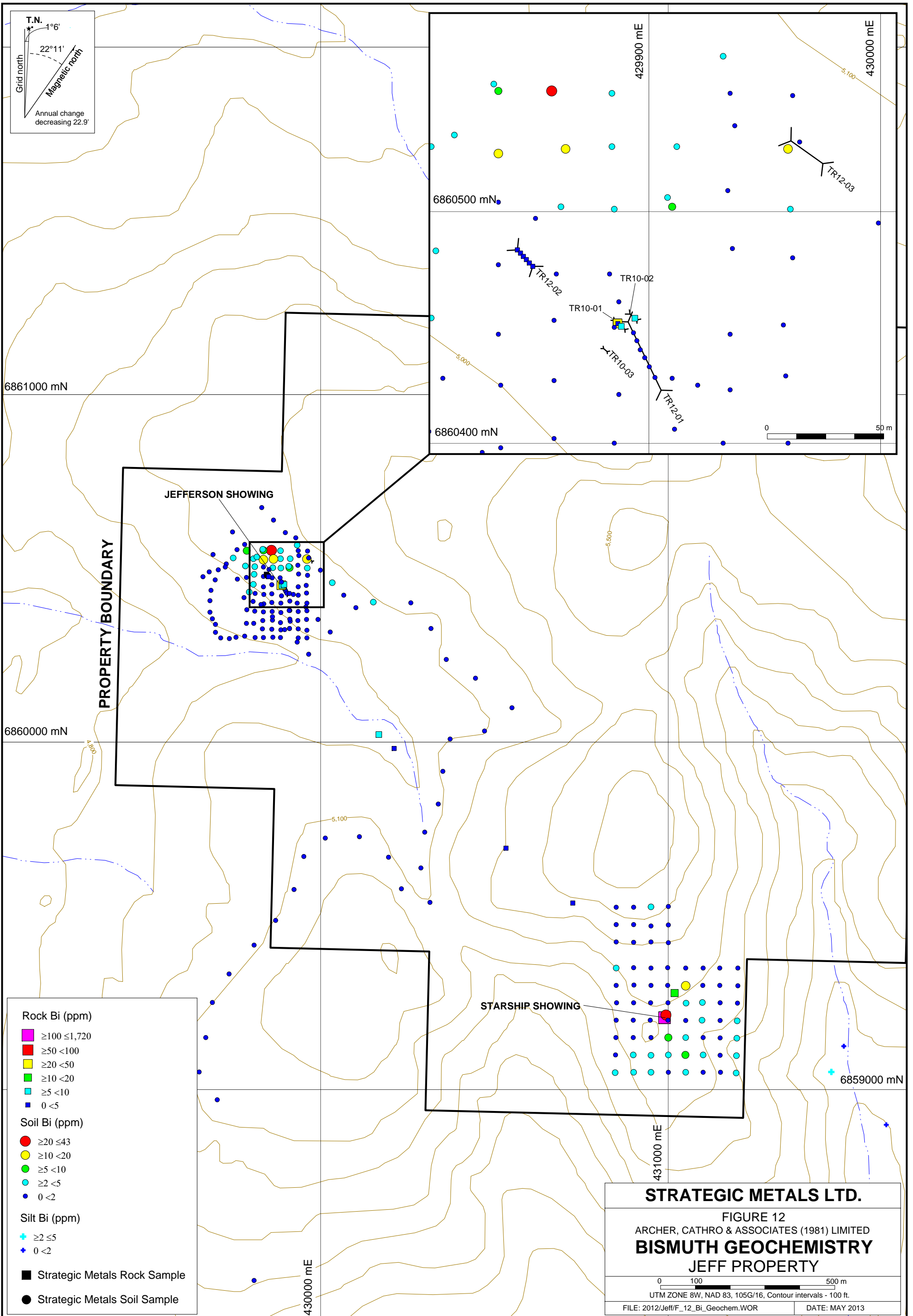
**JEFF PROPERTY**

0 100 500 m

UTM ZONE 8W, NAD 83, 105G/16, Contour intervals - 100 ft.

FILE: 2012/Jeff/F\_10\_Au\_Geochem.WOR DATE: MAY 2013





T.N. 1°6'  
 Grid north 22°11'  
 Magnetic north  
 Annual change decreasing 22.9'

6861000 mN

6860500 mN

6860400 mN

6860000 mN

JEFFERSON SHOWING

PROPERTY BOUNDARY

STARSHIP SHOWING

429900 mE

430000 mE

TR10-02

TR10-01

TR10-03

TR12-01

TR12-02

TR12-03

0 50 m

Rock Bi (ppm)

- $\geq 100 < 1,720$
- $\geq 50 < 100$
- $\geq 20 < 50$
- $\geq 10 < 20$
- $\geq 5 < 10$
- $0 < 5$

Soil Bi (ppm)

- $\geq 20 \leq 43$
- $\geq 10 < 20$
- $\geq 5 < 10$
- $\geq 2 < 5$
- $0 < 2$

Silt Bi (ppm)

- ✦  $\geq 2 \leq 5$
- ✦  $0 < 2$

■ Strategic Metals Rock Sample

● Strategic Metals Soil Sample

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FIGURE 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**BISMUTH GEOCHEMISTRY**

**JEFF PROPERTY**

0 100 500 m

UTM ZONE 8W, NAD 83, 105G/16, Contour intervals - 100 ft.

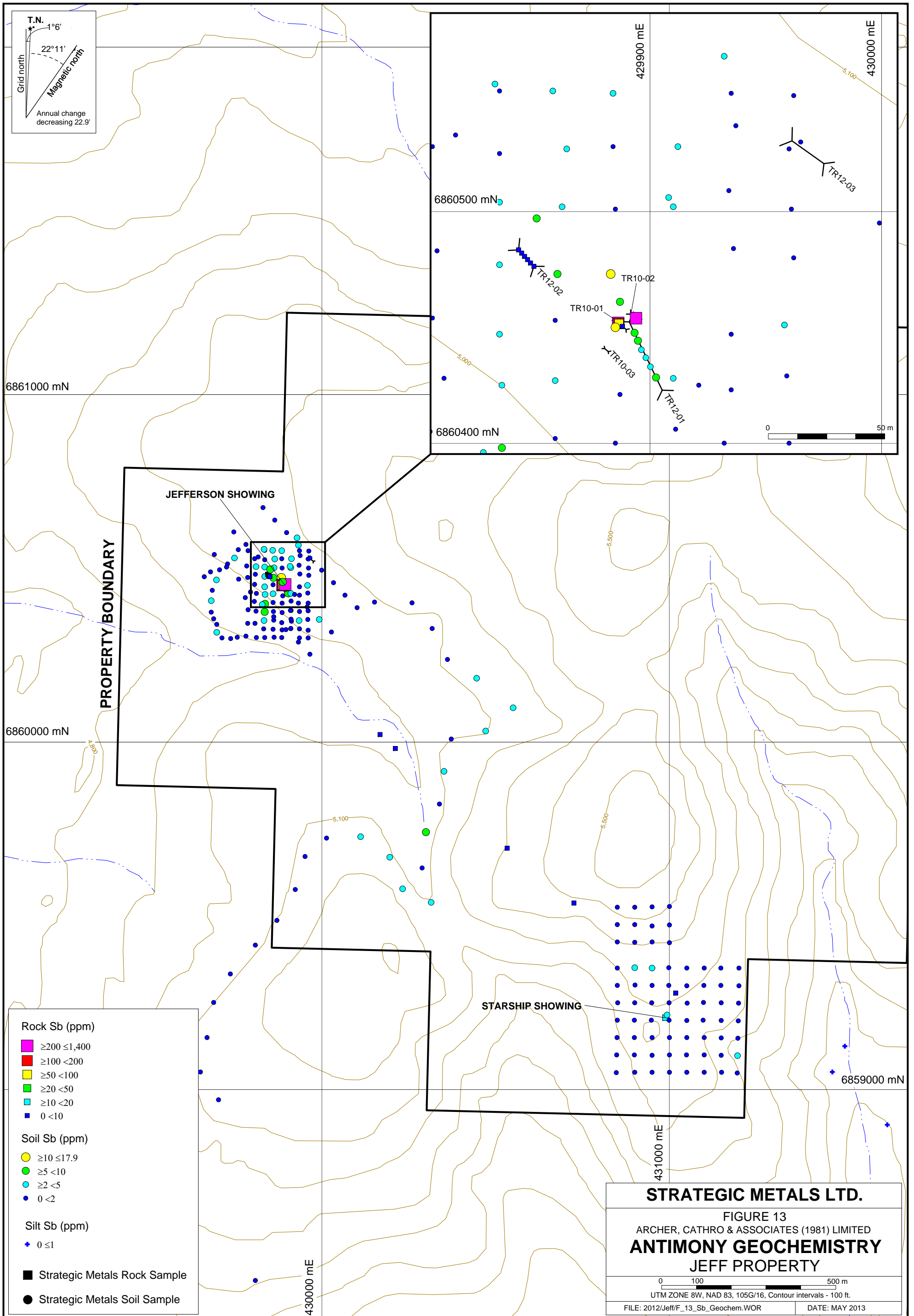
FILE: 2012/Jeff/F\_12\_Bi\_Geochem.WOR

DATE: MAY 2013

430000 mE

431000 mE

6859000 mN



anomalous values for silver (up to 11.4 ppm), lead (up to 4980 ppm), gold (up to 72 ppm) and arsenic (up to 1475 ppm) and moderately anomalous values for zinc, copper and antimony.

### **DISCUSSION AND CONCLUSIONS**

The Jeff property hosts galena-sphalerite±tetrahedrite-rich quartz material exposed on the edge of a recessive linear. Based on work by previous operators it appears that mineralization is foliation parallel and has an orientation of 225/65°NW. The mineralized zone has not been delineated due to thick overburden and therefore it remains open in all directions.

Future work is warranted on the Jeff property. This work should include property-wide deep auger soil sampling, prospecting and reverse circulation drilling. Prospecting should focus on ridge tops, creek cuts and recessive linears where bedrock may be exposed.

Due to the gentle terrain on the property and the locally thick overburden cover, a reverse circulation drill would be an efficient tool to test the Jefferson Showing at depth and along strike.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED



A. Mitchell, GIT

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

## **STATEMENT OF QUALIFICATIONS**

I, Andrew Mitchell, geoscientist in training, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Vancouver, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 2010 with a B.Sc. in Earth and Environmental Sciences.
2. From 2010 to present, I have been actively engaged in mineral exploration in Yukon Territory.
3. I am a Geoscientist in Training (GIT) with the Association of Professional Engineers and Geoscientists of British Columbia (Member Number 169067)
4. I have interpreted all data resulting from this work.

A handwritten signature in blue ink that reads "A. Mitchell". The signature is written in a cursive, slightly slanted style.

A. Mitchell, B.Sc., GIT

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

Statement of Expenditures  
Jeff 1-20 Mineral Claims  
October 26, 2012

Labour

S. Gibson - August 2012 – 6 days @ \$425.00/day \$ 2,856.00

Expenses

Field room and board – 12 days @ \$180/day	2,419.20
15317 Yukon	9,867.38
Kluane Airways	6,457.52
Inconnu Lodge	1,855.38
ALS Chemex	<u>5,186.32</u>
	25,785.80

Total \$28,641.80

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



ALS Canada Ltd.  
 2103 Dollarton Hwy  
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 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

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

**CERTIFICATE WH12185384**

Project: Jeff  
 P.O. No.:

This report is for 154 Soil samples submitted to our lab in Whitehorse, YT, Canada on 8- AUG- 2012.

The following have access to data associated with this certificate:

SARAH EATON	JOAN MARIACHER
-------------	----------------

<b>SAMPLE PREPARATION</b>	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/ o BarCode
SCR- 41	Screen to - 180um and save both
EXTRA- 01	Extra Sample received in Shipment

<b>ANALYTICAL PROCEDURES</b>		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	51 anal. aqua regia ICPMS	

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

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

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



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 Plus Appendix Pages  
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 Account: MTT

Project: Jeff

**CERTIFICATE OF ANALYSIS WH12185384**

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ62501		0.35	0.021	2.24	0.31	404	<0.2	<10	310	1.30	0.36	0.08	2.28	56.6	18.0	3
ZZ62502		0.40	0.013	4.67	0.43	235	<0.2	<10	320	1.05	0.41	0.09	2.04	65.9	14.6	5
ZZ62503		0.25	0.011	2.16	0.84	178.0	<0.2	<10	330	0.66	0.74	0.09	1.77	37.2	11.7	12
ZZ62504		0.38	0.010	1.60	0.65	135.5	<0.2	<10	250	0.49	0.54	0.09	1.37	27.7	8.4	9
ZZ62505		0.23	0.013	2.13	0.83	162.0	<0.2	<10	370	0.70	0.61	0.10	4.28	41.4	15.4	11
ZZ62506		0.30	0.016	5.84	0.24	243	<0.2	<10	240	0.47	0.31	0.06	2.62	56.0	9.1	2
ZZ62513		0.21	0.003	0.40	0.92	8.3	<0.2	<10	120	0.35	0.29	0.09	0.62	35.6	5.6	17
ZZ62514		0.20	0.005	0.33	0.76	6.1	<0.2	<10	60	0.14	0.28	0.02	0.18	47.5	3.1	13
ZZ62515		0.32	0.002	0.16	0.74	6.4	<0.2	<10	70	0.18	0.27	0.03	0.26	42.0	3.8	13
ZZ62516		0.33	0.003	0.25	0.84	6.5	<0.2	<10	60	0.25	0.21	0.08	0.35	54.0	7.1	12
ZZ62517		0.32	0.004	0.27	1.17	8.6	<0.2	<10	70	0.40	0.24	0.11	0.61	82.4	12.1	16
ZZ62518		0.32	0.003	0.18	0.93	9.1	<0.2	<10	230	0.34	0.29	0.06	0.22	49.3	5.5	12
ZZ62519		0.26	0.049	0.17	0.77	10.7	<0.2	<10	120	0.52	0.35	0.05	0.45	32.5	14.1	14
ZZ62520		0.36	0.006	0.19	0.98	11.4	<0.2	<10	90	0.49	0.35	0.09	0.55	27.6	6.1	14
ZZ62521		0.33	0.002	0.12	1.09	13.8	<0.2	<10	150	0.59	0.40	0.11	1.00	31.5	6.3	15
ZZ62522		0.37	0.002	0.13	1.24	13.7	<0.2	<10	90	0.40	0.43	0.05	0.44	29.8	7.0	17
ZZ62523		0.36	0.004	0.08	1.05	12.0	<0.2	<10	70	0.35	0.26	0.15	0.46	39.3	9.2	18
ZZ62524		0.36	0.003	0.16	1.12	16.9	<0.2	<10	100	0.50	0.28	0.07	0.48	48.9	7.8	15
ZZ62525		0.26	0.004	0.29	1.10	20.0	<0.2	<10	90	0.89	0.32	0.10	0.90	72.8	44.9	10
ZZ62526		0.35	0.004	0.44	1.15	13.3	<0.2	<10	130	0.71	0.32	0.11	0.55	54.8	19.0	13
ZZ62527		0.19	0.005	0.48	0.66	15.1	<0.2	<10	100	0.43	0.24	0.02	0.33	38.5	5.7	7
ZZ62528		0.25	0.003	0.20	0.88	8.6	<0.2	<10	50	0.28	0.20	0.03	0.22	40.5	6.4	12
ZZ62529		0.32	0.012	1.18	0.64	152.5	<0.2	<10	170	0.73	0.33	0.05	0.87	77.7	16.9	7
ZZ62530		0.26	0.003	0.10	0.96	11.9	<0.2	<10	60	0.23	0.34	0.05	0.23	30.8	5.4	17
ZZ62531		0.25	0.008	0.11	1.13	12.7	<0.2	<10	70	0.39	0.28	0.05	0.30	57.6	8.3	21
ZZ62532		0.28	0.004	0.18	0.58	7.7	<0.2	<10	60	0.19	0.19	0.01	0.13	43.4	3.0	8
ZZ62533		0.30	0.004	0.46	1.03	13.7	<0.2	<10	140	0.54	0.27	0.09	0.72	41.3	31.0	12
ZZ62534		0.29	0.004	0.31	0.55	25.5	<0.2	<10	530	0.53	1.48	0.86	2.16	24.7	5.0	7
ZZ62535		0.23	0.003	0.17	0.88	15.6	<0.2	<10	340	0.68	0.58	0.40	1.04	36.7	5.6	12
ZZ62536		0.38	0.002	0.16	1.51	13.3	<0.2	<10	180	0.95	1.44	0.23	1.67	39.2	6.6	25
ZZ62537		0.28	0.003	0.10	0.83	15.2	<0.2	<10	140	0.37	0.39	0.09	0.40	32.3	4.7	13
ZZ62538		0.31	0.003	0.16	1.57	15.0	<0.2	<10	70	0.68	0.37	0.13	0.47	30.9	7.2	18
ZZ62539		0.29	0.004	0.39	1.62	168.0	<0.2	<10	60	0.44	3.90	0.05	0.90	32.8	4.1	24
ZZ62540		0.29	0.004	0.14	1.14	15.7	<0.2	<10	70	0.39	0.28	0.03	0.28	38.1	7.2	21
ZZ62541		0.24	0.006	0.59	1.31	9.9	<0.2	<10	90	0.63	0.24	0.03	0.44	34.9	8.9	17
ZZ62542		0.26	<0.001	0.44	0.83	11.7	<0.2	<10	90	0.34	0.18	0.03	0.16	29.5	3.3	12
ZZ62543		0.34	0.006	0.47	1.46	21.5	<0.2	<10	120	0.87	0.29	0.03	0.28	46.4	5.6	19
ZZ62544		0.32	0.004	0.21	1.96	15.1	<0.2	<10	100	0.79	0.28	0.04	0.13	59.6	8.0	27
ZZ62545		0.31	0.005	0.60	1.02	18.9	<0.2	<10	140	0.37	0.29	0.06	0.28	41.4	5.1	19
ZZ62546		0.29	0.004	0.54	1.74	14.0	<0.2	<10	610	1.26	4.23	0.14	0.63	53.2	26.1	11



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 Plus Appendix Pages  
 Finalized Date: 22- AUG- 2012  
 Account: MTT

Project: Jeff

**CERTIFICATE OF ANALYSIS WH12185384**

Sample Description	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ62501	1.72	69.4	4.47	0.79	0.08	0.14	0.03	0.211	0.12	25.2	0.6	0.04	430	3.68	<0.01
ZZ62502	1.40	65.5	3.87	1.09	0.09	0.02	0.04	0.369	0.09	33.9	3.0	0.08	397	3.62	<0.01
ZZ62503	1.62	47.0	3.57	2.35	0.05	0.06	0.03	0.350	0.07	18.7	6.3	0.19	551	2.79	<0.01
ZZ62504	1.21	42.7	2.76	1.94	<0.05	0.03	0.04	0.283	0.06	13.9	5.2	0.16	418	2.29	<0.01
ZZ62505	1.68	51.6	3.43	2.30	0.05	0.06	0.03	0.499	0.06	19.7	7.1	0.19	1520	2.92	<0.01
ZZ62506	1.27	75.3	3.72	0.75	0.07	0.06	0.03	0.516	0.10	31.1	1.0	0.03	296	2.84	<0.01
ZZ62513	1.11	24.7	2.38	3.30	<0.05	0.07	0.04	0.032	0.04	19.7	9.6	0.28	131	2.03	<0.01
ZZ62514	1.38	25.1	2.86	4.46	0.05	0.03	0.06	0.023	0.04	26.2	4.6	0.13	53	2.33	<0.01
ZZ62515	1.49	27.2	1.86	3.76	<0.05	<0.02	0.04	0.024	0.03	22.6	2.9	0.11	64	2.43	<0.01
ZZ62516	1.33	34.2	2.35	3.16	0.05	0.02	0.03	0.026	0.04	28.3	10.8	0.28	211	2.76	0.01
ZZ62517	1.24	33.5	2.76	3.62	0.09	0.03	0.03	0.031	0.04	44.2	21.3	0.46	272	2.52	<0.01
ZZ62518	1.65	29.3	2.78	3.90	0.06	0.02	0.02	0.029	0.05	25.2	7.8	0.24	233	2.53	0.01
ZZ62519	3.14	30.9	2.30	3.27	<0.05	<0.02	0.03	0.033	0.05	15.9	5.5	0.16	479	2.54	<0.01
ZZ62520	1.28	13.6	1.97	3.23	<0.05	0.02	0.03	0.029	0.04	14.2	12.2	0.28	271	1.29	<0.01
ZZ62521	1.73	16.5	2.42	3.84	0.05	0.02	0.02	0.036	0.05	15.5	11.2	0.27	378	1.61	<0.01
ZZ62522	1.44	13.3	2.80	4.29	<0.05	0.03	0.03	0.033	0.05	15.2	16.3	0.31	310	1.59	<0.01
ZZ62523	1.07	22.5	2.64	3.48	0.05	0.02	0.03	0.027	0.04	19.6	15.5	0.37	235	2.06	<0.01
ZZ62524	1.23	29.1	2.75	3.56	0.05	0.06	0.02	0.032	0.04	24.9	13.8	0.31	196	2.55	<0.01
ZZ62525	2.00	68.7	3.90	2.69	0.10	0.04	0.03	0.052	0.06	32.3	16.0	0.30	793	5.07	<0.01
ZZ62526	3.03	45.1	3.64	3.14	0.06	0.03	0.05	0.040	0.05	27.1	18.5	0.34	494	4.02	<0.01
ZZ62527	3.76	43.3	2.49	2.89	0.05	0.02	0.04	0.030	0.04	19.0	1.7	0.07	130	2.54	0.01
ZZ62528	1.16	25.8	2.01	3.06	0.05	0.02	0.02	0.025	0.03	21.5	8.3	0.26	310	1.87	<0.01
ZZ62529	3.64	83.1	4.69	1.81	0.10	0.05	0.03	0.055	0.05	39.3	4.5	0.17	414	7.06	<0.01
ZZ62530	1.01	23.4	2.40	4.00	0.05	<0.02	0.02	0.027	0.03	16.0	8.2	0.28	172	1.92	<0.01
ZZ62531	1.74	28.3	3.14	4.37	0.08	<0.02	0.03	0.034	0.06	29.1	12.3	0.45	162	2.92	<0.01
ZZ62532	2.11	27.1	1.27	2.73	0.05	<0.02	0.01	0.022	0.04	22.6	0.9	0.03	45	2.59	<0.01
ZZ62533	2.77	47.0	2.79	2.79	0.05	0.05	0.03	0.033	0.05	19.9	9.0	0.34	722	3.70	0.01
ZZ62534	0.63	26.4	1.61	1.28	<0.05	0.19	0.03	0.169	0.04	13.0	1.7	0.14	765	4.82	0.01
ZZ62535	1.29	20.1	1.91	2.49	<0.05	0.05	0.01	0.075	0.04	17.0	8.0	0.46	292	3.62	<0.01
ZZ62536	2.41	14.2	1.71	4.07	0.05	<0.02	0.02	0.107	0.06	19.6	37.1	2.06	339	2.62	<0.01
ZZ62537	0.85	36.7	1.70	2.75	<0.05	<0.02	0.01	0.063	0.04	16.0	8.8	0.29	188	2.60	<0.01
ZZ62538	1.24	37.3	2.07	4.36	<0.05	0.02	0.03	0.069	0.05	13.7	17.7	1.37	201	2.89	<0.01
ZZ62539	2.06	62.7	3.18	5.80	0.07	<0.02	0.03	0.674	0.06	17.3	24.6	1.08	127	3.64	<0.01
ZZ62540	1.59	27.7	3.10	4.02	0.06	0.02	0.03	0.047	0.04	20.0	7.9	0.32	261	2.39	<0.01
ZZ62541	2.84	33.1	2.51	3.49	0.05	<0.02	0.06	0.039	0.06	18.2	5.6	0.24	254	2.57	0.01
ZZ62542	1.23	13.6	1.41	3.09	0.06	<0.02	0.01	0.026	0.04	16.3	3.3	0.18	39	1.96	0.01
ZZ62543	2.34	28.4	3.12	4.36	0.07	0.04	0.06	0.036	0.06	23.8	10.3	0.42	73	4.21	0.01
ZZ62544	1.76	14.8	3.34	5.69	0.08	0.05	0.02	0.018	0.06	32.5	22.8	1.38	103	3.36	0.01
ZZ62545	1.74	16.8	2.34	4.73	0.07	<0.02	0.05	0.023	0.05	21.1	5.1	0.30	97	2.63	<0.01
ZZ62546	3.11	22.8	3.36	4.82	0.07	0.05	0.03	0.274	0.09	25.2	16.8	0.53	1180	2.32	<0.01





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 Total # Pages: 5 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 22- AUG- 2012  
 Account: MTT

Project: Jeff

**CERTIFICATE OF ANALYSIS WH12185384**

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
ZZ62501	0.09	54.0	910	200	4.3	0.001	0.14	5.58	7.0	2.7	1.5	276	<0.01	0.08	13.2	
ZZ62502	0.18	45.9	860	345	5.9	0.001	0.15	5.01	3.8	2.6	3.7	215	<0.01	0.06	8.7	
ZZ62503	0.31	36.2	1130	339	9.2	<0.001	0.10	4.40	1.9	1.9	4.2	72.2	<0.01	0.05	2.0	
ZZ62504	0.26	28.1	980	385	6.8	0.001	0.09	3.57	1.1	1.5	4.5	45.7	<0.01	0.05	1.2	
ZZ62505	0.31	42.8	920	356	8.5	<0.001	0.08	3.95	1.8	1.8	4.6	31.7	<0.01	0.05	2.2	
ZZ62506	0.10	29.4	690	1990	4.6	<0.001	0.17	6.23	3.1	1.8	4.4	92.8	<0.01	0.07	10.1	
ZZ62513	0.34	24.6	1470	25.7	8.1	<0.001	0.09	1.47	0.8	0.8	0.3	12.3	<0.01	0.04	1.0	
ZZ62514	0.30	13.2	880	18.0	6.9	<0.001	0.05	1.34	0.7	0.8	0.3	5.0	<0.01	0.05	1.6	
ZZ62515	0.25	15.4	1120	14.4	5.8	<0.001	0.05	1.10	0.3	0.8	0.4	8.1	<0.01	0.04	0.4	
ZZ62516	0.25	26.6	1000	17.8	6.8	<0.001	0.03	1.52	0.8	1.0	0.2	8.8	<0.01	0.04	1.1	
ZZ62517	0.42	35.4	850	19.8	5.0	<0.001	0.03	1.72	1.6	0.8	0.2	12.2	<0.01	0.04	6.4	
ZZ62518	0.25	17.9	1140	19.7	6.6	<0.001	0.04	1.92	0.7	1.2	0.2	12.1	<0.01	0.06	1.0	
ZZ62519	0.16	20.2	1270	18.4	8.4	<0.001	0.07	1.71	0.4	0.9	0.6	8.6	<0.01	0.05	0.2	
ZZ62520	0.36	17.8	810	24.6	7.1	<0.001	0.04	1.23	0.8	0.4	0.5	8.8	<0.01	0.03	0.6	
ZZ62521	0.24	18.2	1360	24.0	10.8	<0.001	0.05	1.20	0.5	0.2	0.6	11.0	<0.01	0.03	0.4	
ZZ62522	0.45	18.7	940	23.9	8.2	<0.001	0.04	1.08	0.8	0.5	0.5	7.3	<0.01	0.02	0.9	
ZZ62523	0.66	27.3	920	20.2	6.2	0.001	0.03	1.68	1.4	0.9	0.4	12.4	<0.01	0.05	1.6	
ZZ62524	0.36	28.9	950	24.2	7.4	<0.001	0.03	2.09	1.1	0.8	0.4	7.9	<0.01	0.05	1.6	
ZZ62525	0.11	62.7	1030	39.1	5.1	0.001	0.06	3.54	2.2	2.2	0.2	26.3	<0.01	0.07	9.5	
ZZ62526	0.19	44.6	930	29.4	7.2	0.001	0.05	2.73	2.2	1.9	0.3	13.0	<0.01	0.05	3.1	
ZZ62527	0.23	17.2	1490	15.7	7.6	<0.001	0.11	2.27	0.3	1.0	0.4	9.9	<0.01	0.04	0.3	
ZZ62528	0.20	21.5	1020	14.2	6.0	<0.001	0.05	1.60	0.3	0.9	0.3	6.7	<0.01	0.04	0.4	
ZZ62529	0.10	55.8	1050	36.8	4.3	<0.001	0.07	6.67	4.2	2.4	0.2	49.4	<0.01	0.07	10.9	
ZZ62530	0.34	19.2	850	17.9	6.4	<0.001	0.05	1.42	0.4	0.6	0.6	7.6	<0.01	0.04	0.3	
ZZ62531	0.54	33.0	800	20.3	6.9	0.001	0.03	2.19	1.5	1.1	0.4	8.5	<0.01	0.05	2.3	
ZZ62532	0.18	10.0	1180	12.9	8.5	<0.001	0.06	1.62	0.1	0.7	0.4	5.2	<0.01	0.05	<0.2	
ZZ62533	0.26	47.9	1000	26.1	4.8	0.001	0.05	2.59	1.6	1.2	0.3	10.5	<0.01	0.05	2.4	
ZZ62534	0.28	24.4	2830	51.1	6.7	0.001	0.15	2.67	2.0	2.4	2.5	29.1	0.01	0.03	1.6	
ZZ62535	0.28	23.6	1610	40.8	9.2	<0.001	0.06	2.12	1.0	1.4	0.9	11.4	<0.01	0.03	0.9	
ZZ62536	0.43	29.3	600	17.5	7.1	0.001	0.02	1.54	2.7	0.8	0.7	6.4	<0.01	0.01	1.7	
ZZ62537	0.30	17.5	820	18.8	7.3	<0.001	0.03	1.91	0.4	1.1	0.9	7.8	<0.01	0.04	0.3	
ZZ62538	0.48	20.7	640	18.6	8.7	<0.001	0.05	1.77	0.8	0.9	0.8	8.0	<0.01	0.02	0.5	
ZZ62539	1.06	17.2	400	27.9	12.9	0.001	0.02	1.37	1.9	0.5	6.0	6.3	<0.01	0.04	4.0	
ZZ62540	0.22	23.0	1110	13.8	6.9	0.001	0.05	1.55	0.3	0.7	0.4	8.1	<0.01	0.04	0.4	
ZZ62541	0.26	26.1	2050	18.2	6.7	0.001	0.15	1.49	0.1	0.9	0.3	18.6	<0.01	0.01	<0.2	
ZZ62542	0.18	12.8	1110	9.3	4.5	0.001	0.08	0.99	0.1	0.7	0.4	26.3	<0.01	0.02	<0.2	
ZZ62543	0.30	23.6	1650	14.6	8.3	0.002	0.13	1.83	0.6	0.7	0.5	30.5	<0.01	0.04	1.3	
ZZ62544	0.17	34.3	1310	9.5	5.6	0.001	0.09	1.61	1.0	0.4	0.4	27.5	<0.01	0.05	3.1	
ZZ62545	0.36	17.6	1600	15.2	6.5	0.001	0.13	1.37	0.2	0.4	0.6	26.4	<0.01	0.03	0.2	
ZZ62546	0.25	39.5	1210	62.0	11.5	0.002	0.06	1.05	1.2	1.0	0.6	20.6	<0.01	0.04	1.9	



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 Account: MTT

Project: Jeff

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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ62501		<0.005	0.09	2.09	8	<0.05	12.25	435	7.4
ZZ62502		<0.005	0.19	1.70	12	0.06	11.40	556	1.1
ZZ62503		0.006	0.16	1.26	25	0.11	6.94	489	1.7
ZZ62504		0.006	0.12	1.02	20	0.09	5.50	403	0.8
ZZ62505		0.005	0.18	1.34	24	0.11	6.21	545	1.5
ZZ62506		<0.005	0.15	1.07	7	<0.05	8.07	442	3.2
ZZ62513		0.006	0.16	1.31	21	0.09	7.65	100	1.9
ZZ62514		0.005	0.12	0.70	28	<0.05	2.44	76	0.8
ZZ62515		0.005	0.13	0.85	24	0.09	3.33	80	<0.5
ZZ62516		0.013	0.12	1.01	25	0.07	5.71	117	0.5
ZZ62517		0.011	0.14	1.23	24	0.08	8.33	136	1.1
ZZ62518		0.011	0.13	1.22	27	0.07	4.16	78	0.6
ZZ62519		<0.005	0.15	1.45	24	0.20	6.88	101	<0.5
ZZ62520		0.010	0.09	0.73	23	0.33	3.67	111	<0.5
ZZ62521		0.005	0.13	0.86	27	0.15	4.24	143	<0.5
ZZ62522		0.010	0.13	0.71	31	0.26	3.63	96	0.8
ZZ62523		0.019	0.09	0.89	31	0.38	5.51	99	0.5
ZZ62524		0.007	0.14	0.94	27	0.14	6.20	123	1.6
ZZ62525		<0.005	0.22	1.90	16	<0.05	13.05	296	2.2
ZZ62526		<0.005	0.23	1.30	24	0.05	9.88	207	1.1
ZZ62527		<0.005	0.16	1.35	25	0.05	7.33	65	0.5
ZZ62528		0.006	0.10	0.91	21	0.08	3.88	71	0.7
ZZ62529		<0.005	0.33	3.76	16	<0.05	20.5	255	3.1
ZZ62530		0.014	0.08	0.72	30	0.19	3.19	80	<0.5
ZZ62531		0.015	0.10	1.14	34	0.15	4.69	128	<0.5
ZZ62532		<0.005	0.20	1.00	22	0.09	3.74	66	<0.5
ZZ62533		0.007	0.17	2.90	19	0.06	8.50	166	1.4
ZZ62534		0.005	0.09	2.80	25	0.07	13.35	184	5.1
ZZ62535		0.006	0.12	1.85	28	0.10	11.35	141	1.3
ZZ62536		0.024	0.15	1.07	24	0.15	13.40	392	0.5
ZZ62537		0.011	0.09	0.73	27	0.24	4.65	73	<0.5
ZZ62538		0.018	0.10	1.24	33	0.29	6.24	69	<0.5
ZZ62539		0.041	0.11	0.79	44	0.42	3.21	252	0.6
ZZ62540		0.010	0.14	1.04	36	0.14	3.81	94	0.5
ZZ62541		<0.005	0.14	2.18	29	<0.05	10.75	100	<0.5
ZZ62542		<0.005	0.15	1.41	24	0.05	7.11	29	<0.5
ZZ62543		0.005	0.14	1.80	39	0.05	4.24	28	1.3
ZZ62544		0.005	0.09	1.56	54	<0.05	4.40	33	1.8
ZZ62545		0.009	0.15	1.39	51	0.09	7.58	37	<0.5
ZZ62546		0.006	0.15	2.24	30	0.07	13.90	161	1.6



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Sample Description	Method	WEI- 21	Au- ICP21	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR															
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ62547		0.35	0.006	0.22	1.75	12.2	<0.2	<10	60	0.84	0.29	0.02	0.16	48.1	14.2	22
ZZ62548		0.20	0.003	0.25	1.23	9.9	<0.2	<10	80	0.57	0.28	0.02	0.11	42.0	5.1	19
ZZ62549		0.27	0.005	0.11	1.17	9.3	<0.2	<10	130	0.41	0.27	0.05	0.25	39.6	6.3	19
ZZ62550		0.29	0.001	0.04	0.73	24.2	<0.2	<10	440	2.45	0.10	0.02	1.16	62.2	4.3	3
ZZ62551		0.26	0.003	0.13	1.12	14.9	<0.2	<10	80	0.48	0.27	0.04	0.21	38.5	11.5	22
ZZ62552		Not Recvd														
ZZ62553		Not Recvd														
ZZ62554		Not Recvd														
ZZ62555		Not Recvd														
ZZ62556		Not Recvd														
ZZ62557		Not Recvd														
ZZ62558		Not Recvd														
ZZ62559		Not Recvd														
ZZ62851		0.46	0.007	1.24	1.19	97.5	<0.2	<10	130	0.64	1.88	0.35	6.37	33.2	4.6	20
ZZ62860		0.25	0.003	0.34	0.95	38.8	<0.2	<10	70	0.31	0.34	0.02	0.20	25.9	7.3	12
ZZ62861		0.29	0.005	0.21	1.07	13.3	<0.2	<10	90	0.42	0.32	0.03	0.26	32.5	6.2	15
ZZ62862		0.31	0.004	0.10	1.25	15.0	<0.2	<10	90	0.48	0.36	0.04	0.20	47.6	9.8	14
ZZ62863		0.31	0.004	0.26	1.06	43.6	<0.2	<10	120	0.50	0.36	0.03	0.28	39.1	7.5	12
ZZ62864		0.28	0.003	0.14	0.66	68.0	<0.2	<10	150	0.34	0.34	0.06	0.24	29.1	7.2	9
ZZ62865		0.29	0.007	1.88	1.38	90.2	<0.2	<10	890	1.10	0.43	0.37	0.28	29.6	10.8	14
ZZ62866		0.33	0.003	0.21	1.24	12.5	<0.2	<10	100	0.49	0.40	0.04	0.38	30.9	9.2	18
ZZ62867		0.29	0.004	0.33	1.35	20.5	<0.2	<10	150	0.69	0.49	0.07	0.56	40.9	17.4	18
ZZ62868		0.26	0.005	0.70	1.10	18.7	<0.2	<10	180	0.39	0.44	0.05	0.40	24.0	5.3	14
ZZ62869		0.38	0.003	0.17	0.74	37.8	<0.2	<10	140	0.20	1.07	0.04	0.45	35.4	4.5	11
ZZ62870		0.45	0.003	0.26	1.17	38.0	<0.2	<10	80	0.35	1.69	0.09	0.55	29.0	4.0	20
ZZ62871		0.23	0.005	0.53	1.33	27.5	<0.2	<10	130	0.58	1.58	0.34	1.80	34.5	4.8	20
ZZ62872		0.23	0.004	0.12	1.01	22.0	<0.2	<10	90	0.27	1.09	0.10	0.93	27.1	3.4	18
ZZ62873		0.39	0.005	0.33	1.01	46.0	<0.2	<10	90	0.43	0.73	0.14	0.96	29.9	5.5	18
ZZ62874		0.24	0.006	1.00	1.03	113.5	<0.2	<10	120	0.65	6.00	0.14	1.77	40.3	7.1	17
ZZ62875		0.34	0.005	2.33	0.98	128.0	<0.2	<10	120	0.50	3.95	0.14	2.73	32.8	4.2	17
ZZ62876		0.35	0.006	1.51	0.90	103.5	<0.2	<10	100	0.43	4.22	0.53	5.88	23.7	3.7	11
ZZ62877		0.27	0.008	0.42	1.10	43.1	<0.2	<10	140	0.47	1.26	0.25	2.77	29.9	4.6	15
ZZ62878		0.30	0.004	0.23	0.87	24.4	<0.2	<10	120	0.24	0.78	0.05	0.33	31.3	4.2	12
ZZ62879		0.38	0.004	0.24	0.91	28.5	<0.2	<10	90	0.52	0.34	0.05	0.41	34.3	13.2	12
ZZ62880		0.38	0.003	0.21	1.00	18.1	<0.2	<10	90	0.28	0.46	0.02	0.34	31.5	9.0	17
ZZ62881		0.32	0.006	0.21	1.33	31.1	<0.2	<10	90	0.56	0.35	0.03	0.33	34.8	16.6	17
ZZ62882		0.41	0.004	0.09	1.22	31.0	<0.2	<10	60	0.42	0.38	0.04	0.31	28.3	8.6	16
ZZ62883		0.34	0.004	0.15	1.13	21.5	<0.2	<10	70	0.38	0.34	0.03	0.37	25.8	5.4	15
ZZ62884		0.37	0.003	0.18	0.97	35.4	<0.2	<10	200	0.46	0.36	0.08	0.21	29.9	5.5	11
ZZ62885		0.50	0.004	0.33	0.82	18.5	<0.2	<10	250	0.41	0.21	0.29	0.13	18.80	3.7	6

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



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Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
LOR		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ62547		2.24	50.8	3.71	5.05	0.07	0.03	0.03	0.043	0.04	24.6	14.1	0.53	201	3.63	<0.01
ZZ62548		2.02	18.5	2.85	4.53	0.05	0.02	0.04	0.014	0.05	21.6	7.9	0.43	68	3.20	<0.01
ZZ62549		1.08	18.2	2.68	4.65	0.06	<0.02	0.01	0.022	0.05	21.7	8.9	0.34	244	2.26	0.01
ZZ62550		1.10	121.0	2.57	5.01	0.07	0.09	0.01	0.047	0.04	30.7	4.8	0.31	527	0.61	<0.01
ZZ62551		2.95	32.5	3.40	4.05	0.06	<0.02	0.01	0.021	0.06	21.0	8.4	0.37	326	3.00	0.01
ZZ62552																
ZZ62553																
ZZ62554																
ZZ62555																
ZZ62556																
ZZ62557																
ZZ62558																
ZZ62559																
ZZ62851		3.40	66.0	2.32	3.28	0.06	<0.02	0.05	0.163	0.07	17.5	11.1	0.62	239	2.57	0.01
ZZ62860		1.74	20.4	3.00	3.69	<0.05	0.02	0.03	0.022	0.06	10.9	3.4	0.12	282	1.25	0.01
ZZ62861		1.80	21.6	3.07	4.19	0.05	0.02	0.02	0.027	0.07	13.9	5.5	0.20	293	1.47	<0.01
ZZ62862		2.90	24.0	3.08	3.48	0.06	0.06	<0.01	0.026	0.05	22.8	12.1	0.32	291	1.21	<0.01
ZZ62863		4.08	28.2	3.30	3.77	0.05	0.02	0.03	0.021	0.06	18.6	3.8	0.15	339	1.70	<0.01
ZZ62864		2.04	20.8	2.41	2.87	<0.05	<0.02	0.01	0.022	0.07	12.5	0.7	0.04	669	1.43	<0.01
ZZ62865		5.76	41.7	3.51	3.52	0.11	0.08	0.10	0.131	0.11	14.2	16.1	0.22	593	1.71	<0.01
ZZ62866		2.18	18.4	2.66	3.57	0.05	0.03	0.03	0.027	0.06	13.7	16.0	0.33	277	1.21	<0.01
ZZ62867		3.65	26.3	3.32	3.55	0.07	0.05	0.03	0.040	0.06	17.3	21.3	0.40	389	1.45	<0.01
ZZ62868		2.24	23.2	2.68	3.61	0.05	<0.02	0.02	0.029	0.07	11.0	4.6	0.15	204	1.62	<0.01
ZZ62869		1.30	18.1	1.94	3.91	0.05	<0.02	<0.01	0.045	0.05	18.1	3.0	0.13	340	2.30	<0.01
ZZ62870		1.09	23.4	2.41	3.57	<0.05	<0.02	0.01	0.111	0.05	15.0	12.9	0.43	176	2.01	<0.01
ZZ62871		0.95	18.8	1.80	3.22	0.06	0.04	0.03	0.145	0.05	17.5	15.5	0.72	157	1.85	0.01
ZZ62872		1.16	15.9	1.75	4.30	0.05	<0.02	0.01	0.099	0.07	14.0	10.0	0.98	226	1.84	<0.01
ZZ62873		1.15	15.6	2.30	2.72	<0.05	0.02	0.01	0.103	0.04	14.4	12.8	0.41	168	2.63	<0.01
ZZ62874		1.47	38.3	3.45	2.91	0.05	0.03	0.02	0.354	0.05	18.2	12.8	0.39	411	1.95	<0.01
ZZ62875		1.40	44.6	2.41	2.93	<0.05	<0.02	0.04	0.293	0.06	16.6	10.6	0.39	238	2.31	0.01
ZZ62876		1.56	34.6	1.90	1.91	0.05	0.04	0.05	0.172	0.05	12.9	6.5	0.38	254	2.45	0.01
ZZ62877		1.25	15.0	1.81	2.62	0.05	0.03	0.03	0.141	0.05	14.8	11.0	0.53	374	2.23	0.01
ZZ62878		1.05	20.5	1.87	3.10	<0.05	<0.02	0.01	0.041	0.04	17.2	6.1	0.20	170	1.60	0.01
ZZ62879		2.37	26.1	3.36	2.33	0.05	0.04	0.01	0.028	0.07	14.8	10.6	0.22	337	1.53	0.01
ZZ62880		2.28	23.0	3.99	4.38	0.05	0.02	0.02	0.020	0.08	13.2	6.5	0.24	446	1.34	<0.01
ZZ62881		3.25	25.7	3.90	3.70	0.05	0.04	0.03	0.023	0.08	14.8	13.9	0.29	372	1.50	<0.01
ZZ62882		2.04	19.6	3.23	3.02	<0.05	0.04	0.01	0.032	0.05	11.4	12.0	0.28	237	1.18	<0.01
ZZ62883		1.92	18.4	2.87	3.48	<0.05	0.03	0.02	0.023	0.05	10.6	6.5	0.18	207	1.29	<0.01
ZZ62884		2.04	18.0	2.55	3.00	<0.05	0.04	0.05	0.030	0.06	12.3	5.6	0.17	288	1.16	<0.01
ZZ62885		3.03	10.9	1.71	2.33	<0.05	0.03	0.02	0.016	0.05	7.5	7.1	0.12	162	0.57	0.01



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Project: Jeff

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Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ62547		0.31	46.0	1110	14.3	7.9	0.002	0.05	1.57	0.9	0.7	0.4	13.5	<0.01	0.04	1.5
ZZ62548		0.26	19.1	1310	11.8	7.8	0.002	0.08	1.47	0.4	0.3	0.4	22.1	<0.01	0.04	0.7
ZZ62549		0.22	18.4	970	15.3	9.3	0.001	0.05	1.14	0.3	0.3	0.5	11.0	<0.01	0.02	0.3
ZZ62550		<0.05	78.3	850	46.7	2.6	0.001	<0.01	1.44	5.5	1.9	0.9	14.7	<0.01	<0.01	6.8
ZZ62551		0.21	32.4	960	13.2	6.6	0.002	0.05	1.87	0.4	1.0	0.4	9.3	<0.01	0.04	0.3
ZZ62552																
ZZ62553																
ZZ62554																
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ZZ62556																
ZZ62557																
ZZ62558																
ZZ62559																
ZZ62851		0.30	25.9	670	147.0	11.1	0.002	0.04	2.81	2.8	1.0	5.4	21.9	<0.01	0.03	0.5
ZZ62860		0.21	15.2	1060	26.8	11.1	0.001	0.06	1.33	0.6	0.2	0.7	13.3	<0.01	0.02	0.6
ZZ62861		0.24	16.4	1100	34.5	13.8	0.001	0.04	1.33	0.7	0.2	1.0	5.0	<0.01	0.01	0.5
ZZ62862		0.27	23.3	530	33.1	9.9	0.001	0.02	0.97	1.6	0.5	0.4	4.4	<0.01	0.01	3.3
ZZ62863		0.26	20.6	1270	25.8	11.4	0.002	0.05	1.68	0.8	0.4	0.5	5.2	<0.01	0.03	1.0
ZZ62864		0.14	14.5	1310	19.1	18.3	0.001	0.05	1.42	0.3	<0.2	0.7	6.4	<0.01	0.02	0.3
ZZ62865		0.15	32.1	1130	73.9	18.6	0.001	0.12	2.51	4.7	2.1	3.6	46.1	<0.01	0.01	2.1
ZZ62866		0.49	20.6	640	34.1	10.6	0.001	0.02	0.90	1.5	<0.2	0.8	5.4	<0.01	0.02	1.9
ZZ62867		0.35	29.4	550	49.2	9.3	0.002	0.01	1.55	2.1	0.5	1.0	6.8	<0.01	0.02	4.5
ZZ62868		0.21	14.2	1340	40.6	12.2	0.001	0.07	1.16	0.4	0.3	1.2	6.6	<0.01	0.02	0.3
ZZ62869		0.26	14.5	720	36.2	10.9	0.001	0.03	1.55	0.4	0.3	1.9	6.6	<0.01	0.02	0.2
ZZ62870		0.47	15.1	680	98.9	7.6	0.001	0.02	1.20	0.8	0.3	7.0	7.6	<0.01	0.02	0.5
ZZ62871		0.43	24.0	750	58.3	7.3	0.001	0.03	1.39	1.9	0.7	2.7	18.6	<0.01	0.02	1.3
ZZ62872		0.28	10.6	660	45.7	12.1	0.002	0.04	1.09	0.4	<0.2	2.7	6.8	<0.01	0.01	0.2
ZZ62873		0.44	20.5	730	136.0	5.2	0.001	0.01	1.80	1.4	<0.2	3.4	9.3	<0.01	0.01	1.2
ZZ62874		0.53	19.5	640	213	7.2	0.001	0.02	3.13	2.3	0.3	11.0	8.7	<0.01	0.05	3.4
ZZ62875		0.34	20.1	860	721	7.3	0.002	0.03	3.07	1.6	0.6	14.2	10.9	<0.01	0.04	0.9
ZZ62876		0.24	19.7	630	153.5	7.5	0.004	0.06	3.31	1.7	1.8	6.9	25.4	<0.01	0.03	0.9
ZZ62877		0.33	16.3	900	99.3	8.1	0.001	0.08	1.46	1.1	0.8	2.9	13.8	<0.01	<0.01	0.7
ZZ62878		0.22	15.7	840	29.3	8.8	0.001	0.03	1.27	0.5	0.3	1.2	7.7	<0.01	0.02	0.4
ZZ62879		0.33	26.4	660	50.8	7.5	0.001	0.08	2.27	1.7	0.6	1.0	28.2	<0.01	<0.01	2.6
ZZ62880		0.29	19.9	860	26.2	11.2	0.001	0.05	1.60	1.3	0.3	0.8	10.4	<0.01	0.02	2.0
ZZ62881		0.48	27.3	640	34.9	10.5	0.001	0.05	1.60	1.9	0.5	0.9	11.0	<0.01	0.02	3.6
ZZ62882		0.45	22.5	590	27.4	8.6	0.001	0.03	1.45	0.9	0.7	0.6	5.8	<0.01	0.02	1.2
ZZ62883		0.31	15.6	1060	17.3	13.2	0.001	0.05	1.25	0.4	0.6	0.6	5.8	<0.01	0.03	0.4
ZZ62884		0.26	14.3	1000	19.7	16.5	<0.001	0.05	1.14	1.0	0.4	0.6	8.2	<0.01	0.02	1.0
ZZ62885		0.19	11.2	650	10.0	11.8	<0.001	0.04	0.81	0.9	0.7	0.3	26.7	<0.01	0.01	0.8

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



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**CERTIFICATE OF ANALYSIS WH12185384**

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ62547		0.007	0.18	1.38	41	0.06	6.19	51	1.4
ZZ62548		0.007	0.10	1.17	40	<0.05	3.13	27	0.7
ZZ62549		0.011	0.09	0.77	42	0.17	3.98	60	<0.5
ZZ62550		0.009	0.18	2.67	20	<0.05	86.0	323	5.8
ZZ62551		0.014	0.10	1.01	41	0.23	4.47	79	<0.5
ZZ62552									
ZZ62553									
ZZ62554									
ZZ62555									
ZZ62556									
ZZ62557									
ZZ62558									
ZZ62559									
ZZ62851		0.015	0.10	0.98	32	0.28	17.55	2280	<0.5
ZZ62860		0.006	0.13	0.56	27	0.06	2.75	115	0.7
ZZ62861		0.009	0.10	0.58	30	0.10	3.68	114	0.6
ZZ62862		0.005	0.15	0.67	25	<0.05	3.51	105	1.8
ZZ62863		0.007	0.22	0.74	27	0.07	3.99	116	0.9
ZZ62864		<0.005	0.11	0.58	23	0.07	2.48	112	<0.5
ZZ62865		<0.005	0.30	2.38	26	0.05	29.4	218	2.3
ZZ62866		0.012	0.16	0.80	27	0.12	4.03	119	1.1
ZZ62867		0.008	0.20	0.74	25	0.06	5.41	184	1.8
ZZ62868		0.006	0.15	0.99	28	0.08	4.65	105	<0.5
ZZ62869		0.009	0.19	0.43	45	0.12	2.36	147	<0.5
ZZ62870		0.020	0.09	0.60	52	0.23	3.49	179	<0.5
ZZ62871		0.020	0.07	2.23	36	0.20	11.00	335	1.1
ZZ62872		0.016	0.09	0.44	39	0.24	2.50	151	<0.5
ZZ62873		0.017	0.06	0.64	31	0.20	4.39	321	0.8
ZZ62874		0.013	0.09	0.62	35	0.29	6.59	486	1.3
ZZ62875		0.012	0.09	0.83	33	0.24	7.09	947	<0.5
ZZ62876		0.011	0.07	1.65	20	<0.05	7.87	1500	1.3
ZZ62877		0.012	0.06	1.27	36	0.14	9.26	299	0.8
ZZ62878		0.008	0.10	0.59	34	0.10	2.37	134	<0.5
ZZ62879		0.009	0.14	0.91	20	0.07	4.57	146	1.0
ZZ62880		0.008	0.11	0.64	27	0.05	3.91	175	0.7
ZZ62881		0.009	0.18	0.86	26	0.09	4.40	134	1.3
ZZ62882		0.009	0.12	0.60	25	0.17	3.39	111	1.0
ZZ62883		0.006	0.13	0.62	26	0.17	2.77	85	0.7
ZZ62884		0.005	0.15	0.75	23	0.11	4.49	84	1.0
ZZ62885		<0.005	0.12	0.75	13	0.12	3.67	59	0.8



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Sample Description	Method	WEI- 21	Au- ICP21	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ62886		0.39	0.003	0.17	1.18	20.8	<0.2	<10	130	0.40	0.31	0.04	0.16	34.0	4.4	12
ZZ62887		0.35	0.003	0.43	0.57	58.5	<0.2	<10	230	0.34	0.19	0.06	0.12	14.45	6.3	5
ZZ62888		0.26	0.002	0.16	1.12	32.3	<0.2	<10	60	0.39	0.36	0.02	0.16	27.6	7.4	15
ZZ62889		0.37	0.002	0.19	1.07	14.4	<0.2	<10	130	0.38	0.36	0.03	0.29	26.3	5.7	11
ZZ62890		0.31	0.002	0.15	0.79	18.8	<0.2	<10	90	0.30	0.53	0.02	0.22	26.6	9.2	12
ZZ62891		0.36	0.072	11.40	0.17	662	<0.2	<10	270	0.42	0.52	0.06	6.35	49.9	6.4	3
ZZ62892		0.38	0.063	3.64	0.36	1475	<0.2	<10	200	0.67	0.41	0.24	9.68	71.0	15.8	4
ZZ62893		0.37	0.002	0.46	1.09	26.8	<0.2	<10	170	0.54	2.21	0.24	1.45	29.7	2.7	16
ZZ62894		0.20	0.003	0.63	0.80	19.8	<0.2	<10	110	0.33	2.84	0.38	0.86	23.6	2.6	12
ZZ62895		0.42	0.002	0.54	0.78	42.5	<0.2	<10	100	0.29	4.11	0.10	0.85	34.7	3.5	14
ZZ62896		0.38	0.008	0.76	0.68	148.0	<0.2	<10	160	0.34	43.0	0.15	2.00	37.2	2.9	14
ZZ62897		0.32	0.003	1.12	1.01	70.2	<0.2	<10	120	0.51	12.50	0.19	1.49	31.1	5.3	17
ZZ62898		0.32	0.005	0.47	1.06	66.5	<0.2	<10	160	0.74	2.11	0.09	1.87	38.1	6.4	14
ZZ62899		0.29	0.004	0.90	0.96	37.1	<0.2	<10	240	0.63	1.98	0.36	2.86	40.7	6.3	18
ZZ62900		0.45	0.007	4.26	0.71	179.0	<0.2	<10	460	0.70	0.95	0.83	34.4	47.8	6.1	10
ZZ62901		0.43	0.010	0.78	0.95	80.4	<0.2	<10	120	0.43	0.91	0.13	1.31	34.8	4.4	12
ZZ62902		0.43	0.003	0.43	0.88	59.3	<0.2	<10	200	0.32	0.37	0.24	0.29	33.3	7.2	10
ZZ62903		0.39	0.003	0.17	1.15	38.3	<0.2	<10	60	0.37	0.36	0.03	0.29	36.0	8.2	15
ZZ62904		0.52	0.002	0.17	1.08	37.6	<0.2	<10	70	0.46	0.41	0.03	0.52	27.7	8.4	16
ZZ62905		0.32	0.002	0.11	1.01	19.3	<0.2	<10	70	0.44	0.29	0.04	0.26	27.7	6.4	14
ZZ62906		0.38	0.005	0.47	0.82	41.0	<0.2	<10	220	0.41	0.16	0.24	0.05	15.20	3.3	4
ZZ62907		0.37	0.003	0.63	0.84	23.2	<0.2	<10	140	0.83	0.53	3.42	5.03	27.6	4.1	11
ZZ62908		0.39	0.002	0.19	0.71	39.7	<0.2	<10	150	0.36	0.70	0.25	1.65	29.3	5.0	11
ZZ62909		0.32	0.007	1.70	0.89	156.0	<0.2	<10	270	0.66	0.53	0.28	3.38	31.4	10.6	7
ZZ62910		0.27	0.011	4.14	0.65	214	<0.2	<10	220	0.62	0.61	0.40	4.22	33.3	9.2	7
ZZ62911		0.70	0.017	6.69	0.68	230	<0.2	<10	200	0.72	0.77	0.35	4.66	37.1	8.7	7
ZZ62912		0.39	0.006	1.04	0.98	139.5	<0.2	<10	260	0.66	0.83	0.51	3.28	30.5	6.6	10
ZZ62913		0.57	0.008	2.31	0.80	202	<0.2	<10	410	0.77	1.66	0.26	1.25	49.9	8.9	12
ZZ62914		0.43	0.009	6.99	0.68	143.5	<0.2	<10	420	0.42	1.28	0.44	17.00	36.2	0.9	8
ZZ62915		0.38	0.007	1.26	1.12	83.2	<0.2	<10	1190	0.89	1.10	0.42	0.34	39.6	3.3	9
ZZ62916		0.32	0.002	0.19	0.87	74.2	<0.2	<10	100	0.41	13.05	0.09	0.99	32.4	3.8	18
ZZ62917		0.34	0.005	0.34	1.30	63.1	<0.2	<10	150	0.67	5.26	0.07	1.35	32.5	4.9	23
ZZ62918		0.37	0.003	0.28	1.00	68.9	<0.2	<10	100	0.85	2.15	0.11	1.25	45.0	6.9	17
ZZ62919		0.44	0.005	0.24	1.21	63.8	<0.2	<10	140	0.70	4.16	0.10	0.85	35.5	6.1	23
ZZ62920		0.40	0.006	1.32	1.13	106.5	<0.2	<10	160	0.80	4.50	0.06	1.11	36.5	8.0	16
ZZ62921		0.30	0.008	3.42	1.62	324	<0.2	<10	890	1.45	3.62	0.61	2.80	34.5	9.4	14
ZZ62922		0.44	0.003	0.45	0.98	87.3	<0.2	<10	310	0.77	3.69	0.42	1.17	27.6	4.4	12
ZZ62923		0.32	0.002	0.32	1.48	30.9	<0.2	<10	250	0.60	0.67	0.09	0.79	62.1	11.5	16
ZZ62924		0.49	0.006	1.19	0.80	116.0	<0.2	<10	410	0.75	0.41	0.18	2.08	50.3	5.8	6
ZZ62925		0.43	0.005	1.54	1.04	105.0	<0.2	<10	460	0.89	0.49	0.64	2.56	33.1	5.7	8



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		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ62886		2.50	12.7	2.27	2.98	<0.05	0.05	0.01	0.023	0.05	14.2	12.7	0.21	166	0.86	<0.01
ZZ62887		4.45	16.5	2.34	1.86	<0.05	0.02	0.02	0.026	0.07	5.6	2.5	0.06	504	0.93	0.01
ZZ62888		1.52	22.6	3.19	3.83	0.05	0.03	0.02	0.026	0.06	11.2	6.8	0.19	219	1.32	<0.01
ZZ62889		1.82	20.9	2.35	3.46	<0.05	0.03	0.02	0.034	0.05	10.3	4.4	0.14	190	1.19	<0.01
ZZ62890		2.50	28.3	3.57	4.29	<0.05	<0.02	0.01	0.044	0.07	10.0	1.5	0.07	356	1.43	<0.01
ZZ62891		2.39	114.5	3.38	0.74	0.07	0.13	0.10	2.54	0.08	23.3	0.3	0.02	687	4.27	<0.01
ZZ62892		0.97	96.8	7.23	0.78	0.09	0.06	0.12	0.203	0.04	34.0	0.5	0.05	426	11.70	<0.01
ZZ62893		1.70	11.7	1.73	2.90	<0.05	0.05	0.02	0.176	0.05	14.4	13.4	0.56	153	1.52	<0.01
ZZ62894		1.44	13.0	1.39	2.60	<0.05	0.02	0.02	0.278	0.04	11.9	8.6	0.35	157	1.05	0.01
ZZ62895		1.59	24.7	1.90	3.40	<0.05	<0.02	0.04	0.222	0.05	16.9	6.3	0.38	150	3.27	<0.01
ZZ62896		2.60	58.7	2.04	3.51	0.05	<0.02	0.03	0.342	0.05	18.9	6.8	0.41	134	3.36	<0.01
ZZ62897		1.40	40.3	2.49	2.89	<0.05	<0.02	0.03	0.235	0.05	15.4	10.9	0.34	207	2.69	<0.01
ZZ62898		1.95	29.5	3.08	2.44	<0.05	0.03	0.03	0.189	0.05	17.6	8.4	0.28	439	3.04	<0.01
ZZ62899		1.13	27.3	2.26	2.42	0.05	0.08	0.03	0.163	0.06	19.6	10.1	0.47	283	2.53	<0.01
ZZ62900		1.26	99.5	3.56	2.00	0.07	0.13	0.14	3.23	0.08	23.4	4.1	0.27	8920	7.26	<0.01
ZZ62901		1.16	21.5	2.36	2.70	<0.05	0.02	0.02	0.208	0.05	15.7	8.7	0.31	250	1.93	<0.01
ZZ62902		2.37	27.5	2.70	3.52	<0.05	<0.02	0.02	0.035	0.07	14.8	2.7	0.13	290	1.41	<0.01
ZZ62903		2.03	25.5	3.58	3.58	<0.05	0.03	0.02	0.028	0.05	16.0	7.8	0.27	194	1.35	<0.01
ZZ62904		1.29	24.0	3.33	3.52	<0.05	0.05	0.02	0.034	0.06	11.2	6.1	0.20	311	1.28	<0.01
ZZ62905		1.24	16.1	2.37	2.97	<0.05	0.02	0.01	0.024	0.06	11.1	11.0	0.24	201	1.11	<0.01
ZZ62906		3.26	12.1	1.72	2.09	<0.05	0.06	0.03	0.022	0.04	5.8	4.7	0.09	73	0.50	0.02
ZZ62907		0.71	10.4	1.74	1.75	<0.05	0.10	0.03	0.076	0.05	13.5	5.9	2.11	377	1.03	<0.01
ZZ62908		1.26	21.1	2.32	3.01	<0.05	<0.02	0.01	0.069	0.05	13.2	6.0	0.36	239	2.56	<0.01
ZZ62909		2.02	37.5	3.80	2.08	0.05	0.12	0.03	0.386	0.07	14.0	5.7	0.19	646	2.34	<0.01
ZZ62910		2.27	57.8	3.52	1.60	0.05	0.08	0.05	0.664	0.07	16.8	4.3	0.20	694	3.17	<0.01
ZZ62911		2.81	68.4	3.78	1.64	0.07	0.08	0.05	0.828	0.06	17.4	4.0	0.17	683	3.29	<0.01
ZZ62912		2.02	26.3	3.03	2.08	<0.05	0.13	0.03	0.361	0.06	15.2	5.7	0.28	378	3.73	<0.01
ZZ62913		1.73	41.4	3.69	2.21	0.05	0.05	0.02	0.212	0.07	23.8	8.1	0.28	377	2.97	<0.01
ZZ62914		0.83	24.9	1.89	1.62	0.05	0.09	0.03	0.355	0.05	18.2	4.2	0.25	26	2.24	<0.01
ZZ62915		4.54	47.2	3.46	2.34	0.05	0.06	0.03	0.115	0.11	18.7	4.7	0.14	77	4.14	<0.01
ZZ62916		1.81	17.7	2.41	3.93	<0.05	<0.02	0.02	0.180	0.05	16.4	7.8	0.36	381	1.80	<0.01
ZZ62917		2.01	17.1	2.41	4.01	<0.05	<0.02	0.02	0.135	0.05	14.9	15.5	0.48	283	1.65	<0.01
ZZ62918		2.42	18.7	2.13	2.43	0.07	0.06	0.02	0.133	0.05	21.1	11.0	0.42	216	2.39	0.01
ZZ62919		1.52	14.9	2.28	3.55	0.06	0.03	0.03	0.158	0.05	16.8	16.7	0.47	220	1.55	0.01
ZZ62920		1.79	23.7	2.80	2.97	0.07	0.05	0.04	0.157	0.06	18.0	12.0	0.30	632	2.51	0.01
ZZ62921		2.79	24.9	5.16	3.33	0.12	0.25	0.13	0.243	0.06	16.6	10.6	0.25	1480	3.51	0.01
ZZ62922		1.92	27.1	2.16	3.05	0.06	0.03	0.02	0.246	0.05	12.9	5.8	0.30	176	1.71	0.01
ZZ62923		3.74	29.0	4.01	4.71	0.10	0.05	0.02	0.051	0.06	29.2	12.7	0.42	186	2.28	0.01
ZZ62924		1.81	23.3	3.17	1.52	0.10	0.12	0.03	0.190	0.06	23.2	3.4	0.14	265	4.62	0.01
ZZ62925		1.71	26.9	3.13	2.15	0.08	0.19	0.07	0.183	0.07	15.9	4.5	0.24	226	4.42	0.01





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**CERTIFICATE OF ANALYSIS WH12185384**

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ62886		0.26	15.3	630	12.4	12.9	<0.001	0.05	0.87	1.1	0.7	0.6	4.9	<0.01	0.01	1.9
ZZ62887		0.16	15.4	690	20.8	9.2	<0.001	0.11	1.85	1.0	0.5	0.9	25.2	<0.01	0.02	0.6
ZZ62888		0.29	20.3	940	22.7	12.8	0.001	0.05	1.40	0.6	1.0	0.8	7.0	<0.01	0.01	0.7
ZZ62889		0.28	15.2	930	23.6	11.0	0.001	0.05	1.16	0.6	0.8	0.8	9.7	<0.01	0.02	0.6
ZZ62890		0.17	16.0	1340	44.0	12.3	0.001	0.08	1.81	0.4	0.9	1.7	10.2	<0.01	0.04	0.4
ZZ62891		<0.05	10.1	930	4980	3.9	0.003	0.10	17.85	3.1	2.7	52.4	23.9	<0.01	0.11	11.8
ZZ62892		<0.05	76.4	920	53.8	3.4	0.002	0.04	10.95	4.3	2.6	0.8	17.5	<0.01	0.08	9.7
ZZ62893		0.32	14.9	760	43.5	11.3	0.001	0.04	1.12	1.5	0.6	2.8	17.2	<0.01	0.03	1.2
ZZ62894		0.15	9.0	890	46.3	6.4	<0.001	0.05	0.88	0.3	0.5	2.6	21.0	<0.01	0.02	0.2
ZZ62895		0.29	14.6	560	60.5	8.3	<0.001	0.03	3.02	0.5	0.7	3.4	7.6	<0.01	0.05	0.3
ZZ62896		0.39	18.2	380	62.7	11.1	0.001	0.03	3.38	1.5	0.7	5.8	8.8	<0.01	0.16	1.0
ZZ62897		0.27	20.5	1020	102.0	7.2	0.001	0.04	2.32	0.6	1.0	2.8	16.0	<0.01	0.06	0.3
ZZ62898		0.40	27.0	930	131.0	8.2	0.001	0.05	2.65	1.3	1.0	1.8	9.3	<0.01	0.03	1.5
ZZ62899		0.39	28.6	640	51.4	7.9	0.001	0.04	1.76	3.2	1.4	1.8	23.2	<0.01	0.02	2.9
ZZ62900		0.13	52.5	2120	1825	8.5	0.002	0.10	5.95	2.9	2.4	54.5	74.3	<0.01	0.05	2.4
ZZ62901		0.31	18.2	800	242	9.1	<0.001	0.04	2.14	1.0	1.1	3.4	10.9	<0.01	0.06	0.9
ZZ62902		0.18	19.7	990	29.9	15.2	0.002	0.05	1.57	0.5	1.2	1.0	25.7	<0.01	0.03	0.5
ZZ62903		0.31	25.4	810	23.8	10.5	0.001	0.05	1.60	0.7	0.6	0.6	6.7	<0.01	0.03	0.9
ZZ62904		0.23	21.3	1210	23.6	9.3	<0.001	0.05	1.49	0.6	0.8	1.9	7.2	<0.01	0.03	0.8
ZZ62905		0.30	16.9	690	17.7	9.1	<0.001	0.03	0.99	0.7	0.2	0.7	6.1	<0.01	0.02	1.0
ZZ62906		0.28	11.4	550	15.7	6.5	<0.001	0.05	1.02	1.4	1.2	0.6	25.1	<0.01	0.01	1.2
ZZ62907		0.22	18.9	740	50.2	6.9	0.001	0.04	1.16	1.6	0.6	1.0	70.7	<0.01	0.02	1.5
ZZ62908		0.24	19.2	760	68.7	10.5	0.002	0.05	1.72	0.7	0.7	1.6	17.7	<0.01	0.05	0.5
ZZ62909		0.19	28.6	910	442	11.3	0.001	0.09	3.38	2.1	2.1	5.4	35.5	<0.01	0.03	2.5
ZZ62910		0.15	28.7	990	766	8.8	0.002	0.10	5.23	2.3	3.2	10.9	37.8	<0.01	0.07	2.1
ZZ62911		0.15	29.3	930	882	8.7	0.003	0.07	5.48	2.6	3.4	11.1	33.7	<0.01	0.05	2.3
ZZ62912		0.22	22.0	1390	313	12.8	0.001	0.08	3.17	1.9	1.5	5.5	31.8	<0.01	0.04	2.3
ZZ62913		0.25	37.1	760	170.0	9.3	0.001	0.08	3.84	2.5	2.0	2.5	48.6	<0.01	0.05	3.9
ZZ62914		0.21	15.3	450	618	5.5	0.010	0.09	2.48	1.9	8.7	8.9	30.6	<0.01	0.04	4.3
ZZ62915		0.08	16.5	1040	120.5	12.3	0.001	0.23	2.34	2.5	2.2	3.8	141.5	<0.01	0.04	2.4
ZZ62916		0.27	11.5	750	47.0	12.1	<0.001	0.03	1.37	0.5	0.2	3.0	8.6	<0.01	0.06	0.2
ZZ62917		0.32	19.0	800	27.1	10.1	<0.001	0.04	1.29	0.6	0.7	2.1	7.6	<0.01	0.02	0.3
ZZ62918		0.54	25.5	540	31.8	7.2	<0.001	0.01	2.12	2.7	0.8	1.1	7.6	<0.01	0.05	2.9
ZZ62919		0.64	25.0	540	25.5	9.0	<0.001	0.01	1.21	2.1	0.5	2.3	9.3	<0.01	0.05	1.6
ZZ62920		0.40	30.1	840	76.5	10.0	<0.001	0.05	2.45	1.6	1.0	2.3	24.0	<0.01	0.06	1.7
ZZ62921		0.23	21.9	2500	94.9	20.1	0.003	0.11	1.76	4.1	4.8	4.0	39.9	0.01	0.06	3.6
ZZ62922		0.28	19.9	1920	104.5	13.0	<0.001	0.08	1.49	0.9	0.7	2.3	33.5	<0.01	0.06	0.4
ZZ62923		0.15	29.8	660	52.4	13.0	<0.001	0.02	1.07	2.3	0.9	0.6	9.6	<0.01	0.06	3.9
ZZ62924		0.07	21.7	650	172.0	13.8	<0.001	0.02	1.91	2.9	1.4	3.5	16.8	<0.01	0.05	4.3
ZZ62925		0.18	23.4	1160	150.5	15.1	0.001	0.07	1.92	3.1	2.3	2.8	34.4	<0.01	0.05	3.1

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



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To: STRATEGIC METALS LTD.  
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Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ62886		<0.005	0.16	0.75	19	0.20	3.45	78	1.2
ZZ62887		<0.005	0.16	0.84	10	<0.05	4.24	80	0.5
ZZ62888		0.006	0.14	0.68	27	0.12	3.31	96	0.8
ZZ62889		<0.005	0.15	0.71	24	0.09	4.02	95	0.6
ZZ62890		0.005	0.10	0.88	26	0.08	3.98	132	0.7
ZZ62891		<0.005	0.17	1.41	8	0.07	9.64	974	6.3
ZZ62892		<0.005	0.35	7.25	9	0.05	20.5	1040	2.7
ZZ62893		0.009	0.11	0.86	31	0.24	5.49	781	0.9
ZZ62894		0.006	0.09	0.92	26	0.16	4.74	200	<0.5
ZZ62895		0.010	0.14	0.61	55	0.22	3.55	177	<0.5
ZZ62896		0.014	0.17	0.81	78	0.45	5.31	316	<0.5
ZZ62897		0.010	0.12	1.04	49	0.27	5.61	207	<0.5
ZZ62898		0.008	0.18	1.51	28	0.15	6.09	1010	0.8
ZZ62899		0.011	0.13	2.57	31	0.14	12.75	1360	2.0
ZZ62900		<0.005	0.18	3.14	30	0.09	16.65	2700	3.2
ZZ62901		0.007	0.12	1.00	30	0.13	4.73	332	0.6
ZZ62902		<0.005	0.13	0.68	25	0.12	3.50	123	<0.5
ZZ62903		0.008	0.13	0.60	26	0.13	3.56	126	0.5
ZZ62904		0.006	0.10	0.69	24	0.11	3.73	105	1.1
ZZ62905		0.007	0.09	0.60	20	0.17	3.03	81	0.5
ZZ62906		0.006	0.12	0.79	10	0.05	5.54	52	1.6
ZZ62907		0.005	0.09	0.69	22	0.15	9.56	280	2.2
ZZ62908		0.007	0.08	0.56	41	0.14	3.64	204	<0.5
ZZ62909		<0.005	0.15	1.35	15	0.06	9.06	858	3.0
ZZ62910		<0.005	0.16	1.71	17	0.06	11.30	915	2.2
ZZ62911		<0.005	0.20	2.29	16	0.06	15.20	1100	1.9
ZZ62912		<0.005	0.20	2.97	23	0.07	8.71	810	3.2
ZZ62913		0.005	0.16	1.62	27	0.10	7.76	537	1.2
ZZ62914		<0.005	0.15	9.00	24	0.07	3.83	507	2.5
ZZ62915		<0.005	0.29	1.67	29	0.05	8.13	335	1.5
ZZ62916		0.012	0.17	0.72	61	0.28	2.94	156	<0.5
ZZ62917		0.012	0.16	0.79	57	0.27	4.65	227	<0.5
ZZ62918		0.015	0.07	0.79	38	0.41	8.60	269	1.3
ZZ62919		0.020	0.12	0.76	41	0.39	5.40	275	0.5
ZZ62920		0.010	0.16	0.97	35	0.25	4.64	337	1.2
ZZ62921		<0.005	0.31	2.92	41	0.12	16.15	323	5.5
ZZ62922		0.005	0.14	1.74	31	0.21	5.12	172	0.6
ZZ62923		<0.005	0.19	0.81	37	0.05	3.65	221	1.4
ZZ62924		<0.005	0.18	2.66	14	0.06	9.47	680	2.8
ZZ62925		<0.005	0.18	4.41	18	0.07	11.65	693	4.9



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ62926		0.37	0.002	0.07	1.04	16.8	<0.2	<10	150	0.33	0.33	0.05	0.17	32.8	2.4	9
ZZ62927		0.35	0.001	0.23	1.30	11.6	<0.2	<10	120	0.55	0.30	2.85	6.51	26.3	5.7	14
ZZ62928		0.27	0.001	0.15	1.19	11.7	<0.2	<10	120	0.67	0.31	1.15	0.86	30.3	5.2	18
ZZ62929		0.29	0.002	0.17	0.59	18.9	<0.2	<10	60	0.16	0.71	0.05	0.21	35.3	2.2	11
ZZ62930		0.33	0.004	0.85	1.30	35.3	<0.2	<10	130	0.73	2.74	0.39	0.51	33.6	4.2	18
ZZ62931		0.16	0.001	0.50	0.67	12.0	<0.2	<10	90	0.33	0.97	0.30	0.89	10.80	2.3	9
ZZ62932		0.26	0.001	0.43	0.96	20.2	<0.2	<10	90	0.45	0.33	0.35	0.48	15.70	1.9	7
ZZ62933		0.25	0.002	0.11	0.79	14.5	<0.2	<10	140	0.39	1.33	0.29	0.48	26.9	4.6	11
ZZ62934		0.25	0.001	0.05	0.61	9.5	<0.2	<10	100	0.17	0.56	0.19	0.18	23.2	1.2	5
ZZ62935		0.30	0.003	0.56	0.57	98.7	<0.2	<10	80	0.27	0.46	0.09	0.25	42.8	3.7	6
ZZ62936		0.37	0.006	1.32	0.53	66.5	<0.2	<10	210	0.44	0.78	0.19	0.36	52.2	0.9	5
ZZ62937		0.30	0.001	0.13	0.48	36.1	<0.2	<10	50	0.23	0.63	0.09	0.19	24.6	4.0	8
ZZ62938		0.33	0.003	0.10	0.61	17.8	<0.2	<10	130	0.39	0.35	0.21	0.53	27.2	4.4	10
ZZ62939		0.31	0.001	0.11	0.73	18.3	<0.2	<10	130	0.50	0.39	0.10	0.97	22.9	4.2	12
ZZ62940		0.24	0.001	0.14	0.56	25.9	<0.2	<10	80	0.30	0.61	0.05	0.73	17.40	3.5	9
ZZ62941		0.20	0.003	0.16	0.65	57.6	<0.2	<10	160	0.46	0.74	0.24	1.57	22.0	5.2	9
ZZ62942		0.17	0.002	0.15	0.97	10.7	<0.2	<10	120	0.56	0.34	0.51	0.97	20.5	2.5	9
ZZ62943		0.20	<0.001	0.04	1.29	7.5	<0.2	<10	160	0.65	0.26	0.61	0.86	23.5	4.0	15
ZZ62944		0.18	0.001	0.05	0.96	2.9	<0.2	<10	80	0.35	0.12	1.04	1.36	13.80	2.6	7
ZZ62945		0.36	0.004	0.28	0.86	33.5	<0.2	<10	60	0.31	5.45	0.07	0.53	28.3	3.5	14
ZZ62946		0.29	0.004	0.24	0.61	61.4	<0.2	<10	120	0.30	2.21	0.11	0.50	39.4	5.1	8
ZZ62947		0.35	0.003	1.27	0.80	46.4	<0.2	<10	180	0.31	1.04	0.14	0.40	20.7	1.8	8
ZZ62948		0.35	0.004	0.23	0.87	100.5	<0.2	<10	350	0.45	1.94	0.23	0.38	38.6	6.6	7
ZZ62949		0.22	0.001	0.21	0.40	47.0	<0.2	<10	100	0.19	0.23	0.06	1.49	17.75	3.4	4
ZZ62950		0.32	0.003	0.11	0.91	7.6	<0.2	<10	100	0.69	0.21	0.55	0.75	31.2	4.4	15
ZZ62951		Not Recvd														
ZZ62852		0.31	0.003	0.06	1.48	15.8	<0.2	<10	100	0.55	0.61	0.14	0.76	28.8	4.3	18
ZZ62853		0.46	0.003	0.21	1.24	31.1	<0.2	<10	110	0.64	12.15	0.14	1.05	33.8	6.0	20
ZZ62854		0.36	0.003	0.31	1.00	54.5	<0.2	<10	80	0.46	3.00	0.16	0.86	39.7	6.6	19
ZZ62855		0.31	0.002	0.32	1.44	37.8	<0.2	<10	100	0.48	1.76	0.06	0.82	35.9	6.9	26
ZZ62856		0.33	0.005	0.13	1.06	48.0	<0.2	<10	170	0.42	0.94	0.10	0.53	43.8	7.4	17
ZZ62857		0.28	0.002	0.08	0.66	20.2	<0.2	<10	210	0.20	0.62	0.01	0.18	36.8	10.7	6
ZZ62858		0.29	0.002	0.13	0.82	27.6	<0.2	<10	60	0.23	1.11	0.01	0.23	39.7	5.4	14
ZZ62859		0.31	0.003	0.43	0.95	42.3	<0.2	<10	400	0.53	0.59	0.12	0.23	25.9	5.9	11



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**CERTIFICATE OF ANALYSIS WH12185384**

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ62926		2.19	7.6	1.03	3.60	0.05	0.02	0.01	0.024	0.04	15.7	13.0	0.66	86	1.14	0.01
ZZ62927		0.79	9.0	1.64	3.34	0.05	0.06	0.05	0.058	0.04	10.6	20.1	2.57	305	1.12	0.01
ZZ62928		0.67	11.2	1.93	3.21	0.05	0.08	0.03	0.032	0.04	13.3	12.7	0.93	190	1.05	0.01
ZZ62929		2.17	7.9	0.89	3.03	0.05	<0.02	0.03	0.042	0.05	17.7	4.5	0.29	83	1.42	0.01
ZZ62930		1.77	18.5	1.70	2.98	0.06	0.02	0.05	0.106	0.06	16.0	14.2	0.41	112	1.62	0.01
ZZ62931		3.14	6.3	0.81	2.22	<0.05	0.04	0.04	0.033	0.04	5.1	3.9	0.18	333	2.19	0.03
ZZ62932		3.09	12.4	0.69	2.01	<0.05	0.02	0.03	0.026	0.04	7.7	3.2	0.18	132	1.31	0.03
ZZ62933		1.18	8.0	1.41	2.42	<0.05	0.02	0.03	0.039	0.05	10.9	6.6	0.27	276	0.76	0.01
ZZ62934		1.13	7.8	0.48	2.61	<0.05	<0.02	0.01	0.015	0.04	10.5	1.8	0.09	40	0.51	0.02
ZZ62935		2.49	11.8	1.75	2.25	0.06	<0.02	0.02	0.028	0.05	21.2	2.3	0.14	133	2.42	<0.01
ZZ62936		6.37	10.0	1.34	1.32	0.08	0.06	0.04	0.044	0.06	23.8	2.5	0.13	16	1.90	<0.01
ZZ62937		1.21	9.9	1.75	1.86	<0.05	<0.02	0.02	0.056	0.04	11.4	2.8	0.09	256	3.05	0.01
ZZ62938		1.43	11.6	1.60	2.28	<0.05	0.04	0.03	0.036	0.04	11.8	3.7	0.12	183	2.58	0.01
ZZ62939		1.20	12.5	1.92	2.65	0.05	<0.02	0.02	0.043	0.06	10.8	4.4	0.17	368	2.67	0.01
ZZ62940		1.13	11.1	1.43	2.49	<0.05	<0.02	0.03	0.056	0.05	8.1	3.4	0.19	282	2.31	0.01
ZZ62941		1.66	15.2	1.99	2.39	0.05	0.04	0.02	0.086	0.06	10.5	3.3	0.19	330	3.54	0.01
ZZ62942		0.71	8.4	1.26	2.69	0.05	0.12	0.02	0.059	0.04	10.0	5.3	0.26	121	1.01	0.02
ZZ62943		0.63	7.9	1.70	3.65	0.05	0.10	0.02	0.036	0.04	10.4	11.8	0.55	261	0.95	0.01
ZZ62944		0.48	6.8	0.83	2.45	<0.05	0.09	0.03	0.016	0.03	6.1	6.0	0.57	172	0.62	0.02
ZZ62945		1.56	15.7	1.76	3.19	0.05	<0.02	0.03	0.327	0.05	13.8	9.6	0.37	113	1.98	<0.01
ZZ62946		3.05	18.8	2.03	2.65	0.06	<0.02	0.02	0.065	0.05	19.8	1.1	0.07	241	3.48	<0.01
ZZ62947		2.10	8.4	1.16	2.43	<0.05	<0.02	0.03	0.066	0.04	10.0	4.0	0.17	126	0.97	0.01
ZZ62948		2.63	24.1	2.78	2.95	0.07	0.08	0.01	0.037	0.06	17.9	1.5	0.12	187	2.85	0.01
ZZ62949		1.61	9.8	1.46	1.27	<0.05	0.05	0.03	0.046	0.05	8.0	0.8	0.04	213	2.05	0.02
ZZ62950		0.84	7.2	1.51	2.48	0.05	0.06	0.03	0.031	0.05	12.9	8.5	0.45	166	0.78	0.01
ZZ62951																
ZZ62852		1.34	11.3	1.70	5.20	0.06	<0.02	0.02	0.061	0.05	14.4	14.4	1.86	276	1.82	0.01
ZZ62853		1.21	18.5	2.26	3.67	0.07	<0.02	0.02	0.146	0.05	14.1	18.5	0.73	224	2.23	0.01
ZZ62854		1.33	38.2	2.54	3.28	0.08	0.02	0.03	0.413	0.06	19.7	15.8	0.49	222	2.77	0.01
ZZ62855		1.77	22.1	2.83	4.36	0.08	<0.02	0.03	0.105	0.06	18.6	15.8	0.49	246	2.07	0.01
ZZ62856		1.32	27.2	3.15	3.32	0.09	0.03	0.02	0.056	0.05	24.1	13.3	0.36	177	2.27	0.01
ZZ62857		2.02	26.1	3.57	2.41	0.06	<0.02	0.01	0.036	0.05	14.5	0.8	0.04	226	1.65	0.01
ZZ62858		1.50	19.6	3.09	5.02	0.09	<0.02	0.03	0.056	0.06	20.5	4.2	0.17	170	1.87	0.01
ZZ62859		1.75	19.2	2.35	3.14	0.06	0.02	<0.01	0.074	0.06	13.4	3.4	0.12	692	1.74	0.01

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



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Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
ZZ62926		0.19	9.5	500	15.1	8.2	<0.001	0.01	0.63	0.8	0.3	0.7	5.9	<0.01	0.01	0.6
ZZ62927		0.37	16.9	850	29.5	6.6	<0.001	0.04	1.08	2.0	0.5	0.7	34.3	<0.01	0.03	0.9
ZZ62928		0.53	21.0	740	14.5	7.5	<0.001	0.03	0.70	2.3	0.5	0.5	19.2	<0.01	0.03	1.8
ZZ62929		0.15	7.4	640	13.3	12.6	<0.001	0.02	0.94	0.4	0.3	1.5	4.2	<0.01	0.02	<0.2
ZZ62930		0.26	21.8	930	32.2	12.3	<0.001	0.03	2.11	0.9	0.9	2.0	19.3	<0.01	0.03	0.3
ZZ62931		0.23	5.8	1510	12.4	7.9	<0.001	0.11	1.33	0.5	0.5	0.8	14.8	<0.01	0.02	0.2
ZZ62932		0.19	8.2	1260	11.9	9.1	<0.001	0.07	0.78	0.6	1.1	0.4	14.5	0.01	0.01	<0.2
ZZ62933		0.38	10.9	490	18.3	9.3	<0.001	0.01	0.66	1.4	0.3	0.8	8.6	<0.01	0.02	0.9
ZZ62934		0.20	3.2	360	7.4	9.0	<0.001	0.01	0.30	0.7	<0.2	0.6	9.7	<0.01	0.01	0.6
ZZ62935		0.21	13.1	800	19.9	14.3	<0.001	0.03	2.51	0.8	0.4	0.7	8.5	<0.01	0.03	0.7
ZZ62936		0.09	4.5	370	33.4	11.5	0.001	0.04	1.77	2.2	1.2	0.5	16.9	<0.01	0.04	3.9
ZZ62937		0.18	13.9	650	63.4	9.3	<0.001	0.01	2.47	0.8	0.4	1.8	6.5	<0.01	0.03	0.5
ZZ62938		0.28	14.7	810	21.7	9.9	<0.001	0.03	1.33	1.2	0.4	0.7	13.3	<0.01	0.03	0.8
ZZ62939		0.15	15.1	1120	34.4	10.8	<0.001	0.05	1.37	0.6	0.5	1.1	11.2	<0.01	0.04	0.2
ZZ62940		0.11	10.8	1090	32.4	11.2	<0.001	0.05	1.04	0.4	0.4	1.0	7.8	<0.01	0.03	<0.2
ZZ62941		0.23	18.4	1570	68.7	15.7	<0.001	0.08	2.11	0.9	0.7	1.5	16.4	0.01	0.05	0.5
ZZ62942		0.41	10.2	1600	23.6	7.5	<0.001	0.09	0.89	1.4	0.5	0.8	14.8	0.01	0.02	1.0
ZZ62943		0.56	12.0	1520	13.6	10.0	<0.001	0.08	0.55	1.8	0.4	0.5	16.6	0.01	0.02	1.2
ZZ62944		0.40	6.0	1290	6.1	5.0	<0.001	0.08	0.33	1.0	0.3	0.2	16.6	0.01	0.01	0.6
ZZ62945		0.38	14.2	450	23.3	9.0	<0.001	0.02	1.84	0.8	0.4	1.1	5.5	<0.01	0.04	0.3
ZZ62946		0.17	17.9	1300	28.2	14.0	<0.001	0.04	1.83	0.5	0.5	2.0	11.2	<0.01	0.05	<0.2
ZZ62947		0.19	7.5	1040	33.9	12.3	<0.001	0.04	0.65	0.5	0.5	1.8	12.9	<0.01	0.02	0.2
ZZ62948		0.21	19.6	1480	27.3	15.7	<0.001	0.06	1.80	1.7	0.8	0.8	22.3	<0.01	0.06	1.5
ZZ62949		0.13	8.5	1050	39.1	11.7	<0.001	0.05	0.91	0.9	0.5	1.2	7.5	<0.01	0.03	0.7
ZZ62950		0.38	14.2	730	16.9	7.6	<0.001	0.03	0.49	1.8	0.4	0.5	13.4	<0.01	0.02	1.1
ZZ62951																
ZZ62852		0.20	12.4	790	23.8	10.2	<0.001	0.03	0.97	0.8	0.4	1.5	7.8	<0.01	0.03	0.3
ZZ62853		0.37	24.4	740	61.1	8.2	<0.001	0.03	1.49	1.2	0.7	1.8	10.2	<0.01	0.09	0.5
ZZ62854		0.59	23.8	870	94.7	7.6	<0.001	0.01	1.92	1.9	0.9	9.6	12.1	<0.01	0.06	1.3
ZZ62855		0.57	22.5	890	32.4	10.5	0.001	0.04	1.35	1.0	0.6	1.6	8.3	<0.01	0.06	0.4
ZZ62856		0.50	28.1	830	27.4	7.5	<0.001	0.02	2.43	1.5	0.4	0.9	10.1	<0.01	0.05	1.7
ZZ62857		0.23	26.1	540	25.4	9.1	0.001	0.02	1.73	1.6	<0.2	0.7	13.4	<0.01	0.03	2.8
ZZ62858		0.95	16.5	580	35.0	12.7	<0.001	0.02	1.78	1.5	0.5	2.0	5.8	<0.01	0.04	1.9
ZZ62859		0.17	14.7	1590	62.9	17.5	0.001	0.05	1.77	0.6	0.9	2.0	15.0	<0.01	0.03	0.4



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		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ62926		0.007	0.12	0.40	21	0.11	3.34	51	<0.5
ZZ62927		0.010	0.05	0.78	22	0.12	6.31	222	1.8
ZZ62928		0.014	0.06	0.81	32	0.18	7.03	74	2.1
ZZ62929		0.007	0.10	0.42	25	0.17	1.94	57	<0.5
ZZ62930		0.010	0.11	3.55	30	0.21	9.18	173	<0.5
ZZ62931		0.009	0.05	2.68	16	0.12	2.52	80	1.0
ZZ62932		0.011	0.03	7.96	12	0.20	6.50	63	0.6
ZZ62933		0.010	0.06	0.43	22	0.16	3.47	84	0.5
ZZ62934		0.006	0.08	0.28	13	0.09	1.45	21	<0.5
ZZ62935		0.005	0.15	0.55	21	0.10	2.31	89	<0.5
ZZ62936		<0.005	0.14	2.99	13	0.05	6.64	43	1.3
ZZ62937		0.006	0.08	0.51	37	0.14	2.27	79	<0.5
ZZ62938		0.008	0.06	1.06	27	0.18	3.91	79	1.0
ZZ62939		0.006	0.08	0.74	39	0.15	2.86	102	<0.5
ZZ62940		0.005	0.06	0.52	29	0.12	1.86	101	<0.5
ZZ62941		0.005	0.09	0.90	33	0.15	3.20	262	1.1
ZZ62942		0.012	0.06	1.46	21	0.12	7.64	89	3.2
ZZ62943		0.014	0.06	0.90	28	0.16	6.77	89	2.9
ZZ62944		0.014	0.02	0.76	15	0.08	3.60	80	2.7
ZZ62945		0.015	0.11	0.58	47	0.23	2.74	156	<0.5
ZZ62946		0.005	0.19	0.85	32	0.16	2.61	144	<0.5
ZZ62947		<0.005	0.18	0.54	19	0.17	1.94	101	<0.5
ZZ62948		<0.005	0.22	0.71	26	0.13	3.34	134	1.8
ZZ62949		<0.005	0.11	0.58	12	<0.05	1.52	179	1.2
ZZ62950		0.013	0.06	0.71	26	0.13	7.92	82	1.4
ZZ62951									
ZZ62852		0.009	0.05	0.48	35	0.16	2.95	122	<0.5
ZZ62853		0.016	0.09	0.90	37	0.28	4.82	230	<0.5
ZZ62854		0.021	0.08	0.95	53	0.24	5.89	261	<0.5
ZZ62855		0.021	0.16	0.91	68	0.38	5.05	168	<0.5
ZZ62856		0.014	0.14	0.79	36	0.20	5.66	165	0.9
ZZ62857		<0.005	0.16	0.48	22	0.06	3.79	131	0.5
ZZ62858		0.020	0.13	0.51	48	0.25	2.93	127	<0.5
ZZ62859		<0.005	0.23	0.92	30	0.33	3.97	130	0.5



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LIMITED  
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Page: Appendix 1  
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Finalized Date: 22- AUG- 2012  
Account: MTT

Project: Jeff

**CERTIFICATE OF ANALYSIS WH12185384**

Method	CERTIFICATE COMMENTS
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).



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Page: 1  
 Finalized Date: 27- AUG- 2012  
 Account: MTT

**CERTIFICATE WH12185387**

Project: Jeff  
 P.O. No.:  
 This report is for 6 Rock samples submitted to our lab in Whitehorse, YT, Canada on 8- AUG- 2012.  
 The following have access to data associated with this certificate:  
 SARAH EATON                      JOAN MARIACHER

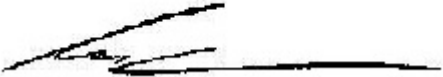
<b>SAMPLE PREPARATION</b>	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/ o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%< 75 um

<b>ANALYTICAL PROCEDURES</b>		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	51 anal. aqua regia ICPMS	

To: **STRATEGIC METALS LTD.**  
**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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 Finalized Date: 27- AUG- 2012  
 Account: MTT

Project: Jeff

**CERTIFICATE OF ANALYSIS WH12185387**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
K973594		2.53	0.010	1.83	0.36	351	<0.2	<10	210	0.38	2.76	0.14	1.56	19.05	3.6	10
K973595		2.42	0.009	2.44	0.28	263	<0.2	<10	310	0.30	0.84	0.11	1.13	20.7	3.7	10
K973596		1.96	0.002	0.28	0.64	75.1	<0.2	<10	110	0.34	1.76	2.99	1.38	27.9	2.7	10
K973597		1.84	0.003	0.21	0.43	58.2	<0.2	<10	100	0.32	0.89	0.82	1.87	27.7	2.8	9
K973598		2.14	0.002	0.37	0.74	59.2	<0.2	<10	100	0.32	2.06	1.51	2.43	31.5	3.2	11
K973599		2.02	0.002	0.36	1.39	39.1	<0.2	<10	100	0.41	0.98	0.95	2.40	31.7	3.5	14

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



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 Finalized Date: 27- AUG- 2012  
 Account: MTT

Project: Jeff

**CERTIFICATE OF ANALYSIS WH12185387**

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
K973594		2.38	41.7	2.53	0.99	0.05	0.08	0.02	0.128	0.15	8.3	2.3	0.09	1060	2.53	<0.01
K973595		1.36	32.2	1.89	0.78	<0.05	0.10	0.01	0.071	0.15	9.9	1.0	0.02	647	1.59	<0.01
K973596		0.72	8.8	0.97	1.56	<0.05	0.12	<0.01	0.079	0.22	14.1	7.0	2.18	468	1.00	0.01
K973597		0.75	7.7	0.98	1.08	<0.05	0.08	0.01	0.044	0.21	14.3	2.3	0.55	305	1.14	<0.01
K973598		0.88	16.0	1.18	1.96	<0.05	0.09	0.01	0.073	0.21	16.3	7.7	1.45	407	0.94	0.01
K973599		0.73	14.0	1.42	3.39	<0.05	0.07	0.01	0.074	0.18	16.7	20.0	2.25	305	1.18	0.01

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 Finalized Date: 27- AUG- 2012  
 Account: MTT

Project: Jeff

**CERTIFICATE OF ANALYSIS WH12185387**

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
K973594		0.06	24.2	640	218	8.0	0.002	0.05	2.67	2.5	0.7	2.2	31.1	<0.01	0.07	3.5
K973595		<0.05	20.4	580	33.0	7.9	0.001	0.06	2.05	2.0	0.6	1.4	37.1	<0.01	0.04	3.4
K973596		<0.05	11.2	90	25.7	9.5	0.001	0.07	0.77	2.9	0.4	1.4	161.5	<0.01	0.03	4.1
K973597		<0.05	10.0	50	20.8	9.8	0.001	0.05	0.78	2.4	0.4	0.9	33.1	<0.01	0.03	3.5
K973598		<0.05	11.8	110	31.9	9.9	0.001	0.09	1.27	3.0	0.3	1.5	74.5	<0.01	0.04	4.1
K973599		0.07	11.8	220	41.7	9.5	0.001	0.04	0.98	2.6	0.4	2.4	55.8	<0.01	0.02	4.1

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 Finalized Date: 27- AUG- 2012  
 Account: MTT

Project: Jeff

**CERTIFICATE OF ANALYSIS WH12185387**

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
K973594		<0.005	0.13	1.69	12	0.15	6.91	322	4.0
K973595		<0.005	0.15	1.06	10	0.17	5.39	242	4.6
K973596		<0.005	0.09	0.45	19	0.36	10.00	192	5.0
K973597		<0.005	0.09	0.39	9	0.12	7.92	264	3.7
K973598		<0.005	0.10	0.47	15	0.10	8.51	286	4.5
K973599		<0.005	0.07	0.58	24	0.09	7.57	292	3.4

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**CERTIFICATE OF ANALYSIS WH12185387**

Method	CERTIFICATE COMMENTS
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).