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ASSESSMENT REPORT

describing

GEOCHEMICAL SAMPLING

at the

MMM PROPERTY

MMM 1-120 YD56741-YD56860

NTS 115J/10

Latitude 62°38'N; Longitude 138°35'W

located in the

Whitehorse Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

CENTRAL RESOURCES CORP.

and

STRATEGIC METALS LTD.

by

A. Mitchell, B.Sc., Geology
February 2012

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INTRODUCTION

The MMM property is located near the centre of the Dawson Range Gold Belt of western Yukon (Figure 1). It lies within a belt of porphyry occurrences including Casino (Western Copper and Gold Corporation), which is situated 14 km to the north and Mt. Cockfield (on First Nation Lands) located one km to the east. The MMM property was staked to cover historical geochemical values in a prospective porphyry setting. Central Resources Corp. can earn a 100% interest in the property subject to an option agreement with Strategic Metals Ltd.

This report describes an exploration program that was conducted by Archer, Cathro & Associates (1981) Limited in summer 2011 on behalf of Central. The work was performed from August 21 to 23 and involved geochemical sampling. The author interpreted all data from this project and his Statement of Qualifications is in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The MMM property consists of 120 contiguous mineral claims, which are located on NTS map sheet 115J/10 at latitude 62°38' north and longitude 138°35' west (Figure 1). The property covers an area of approximately 2430 ha (24.3 sq km). The claims are registered with the Whitehorse Mining Recorder in the name of Archer Cathro, which holds them in trust for Strategic. 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>
MMM 1-120	YD56741-YD56860	April 15, 2012

* Expiry date does not include 2011 work that has not yet been filed for assessment credit.

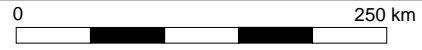
Daily access to and from the property was provided by a Bell 206B helicopter owned and operated by Capital Helicopters (1995) Inc. of Whitehorse, from a temporary base at Rockhaven Resources Ltd.'s Klaza property near the former Mount Nansen Mine. The Klaza property is located 75 km southeast of the MMM property and 70 km by road west of the community of Carmacks.

HISTORY AND PREVIOUS WORK

In the late 1800s the Klondike Gold Rush prompted prospecting in the Casino area. Placer gold was found in several creeks and the first hard rock claims were staked in 1917. Prior to identification of the porphyry deposit, silver-lead veins were discovered and explored on the south side of the Casino porphyry and at Rude Creek, which lies seven kilometres to the south of Casino and two kilometres north of the MMM property. In the late 1960s, recognition of porphyry-style mineralization at Casino and Mt. Cockfield prompted a major staking rush in the Dawson Range. Large exploration programs done from 1968 to 1973 defined Casino Deposit (Godwin, 1976). After a several year hiatus, exploration resumed in the early 1990's. Western Copper and Gold Corporation (WCGC) is currently working on a feasibility study for the Casino deposit.

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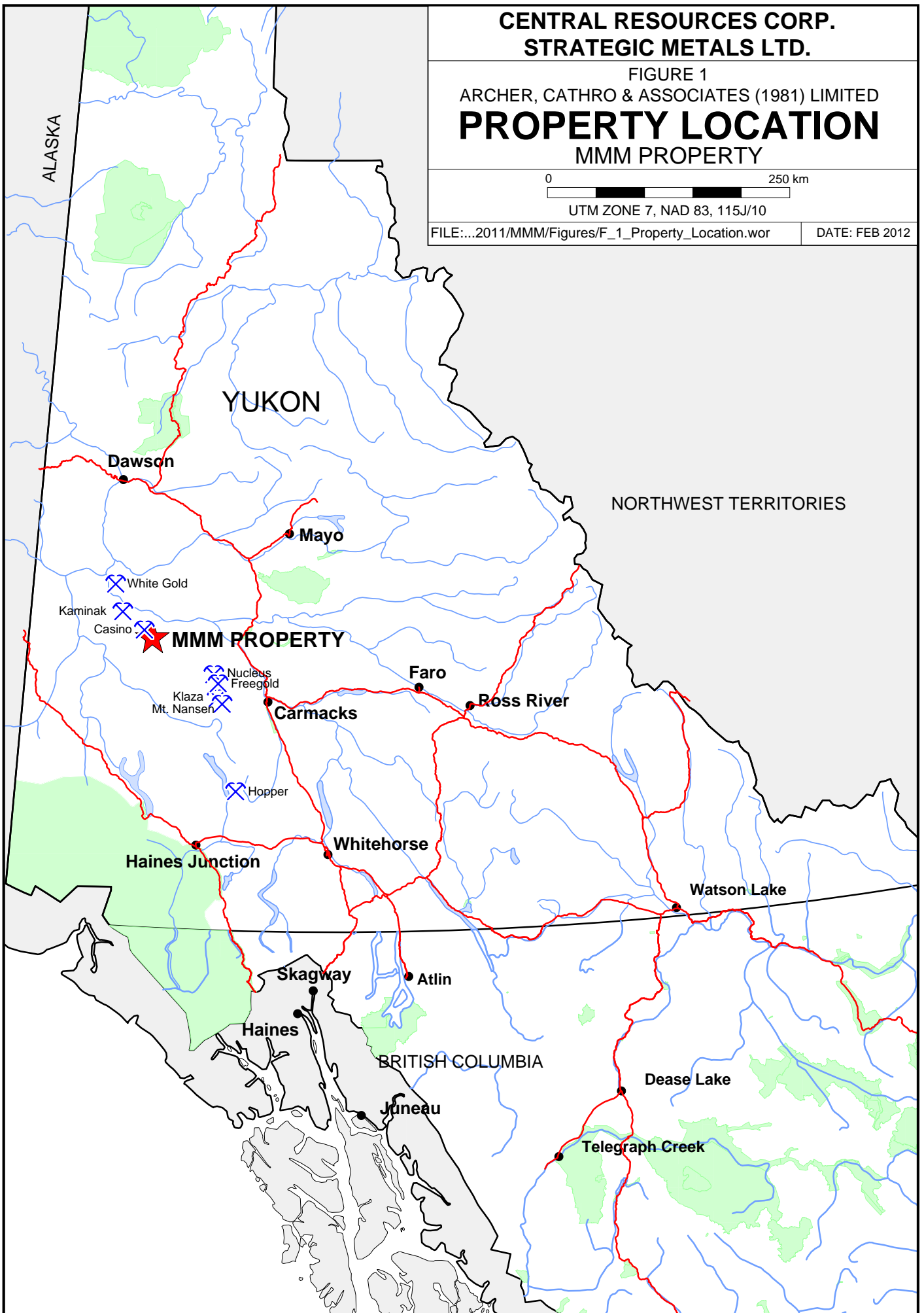
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
MMM PROPERTY

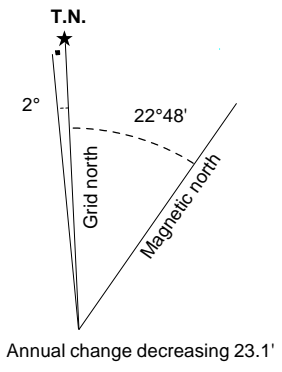
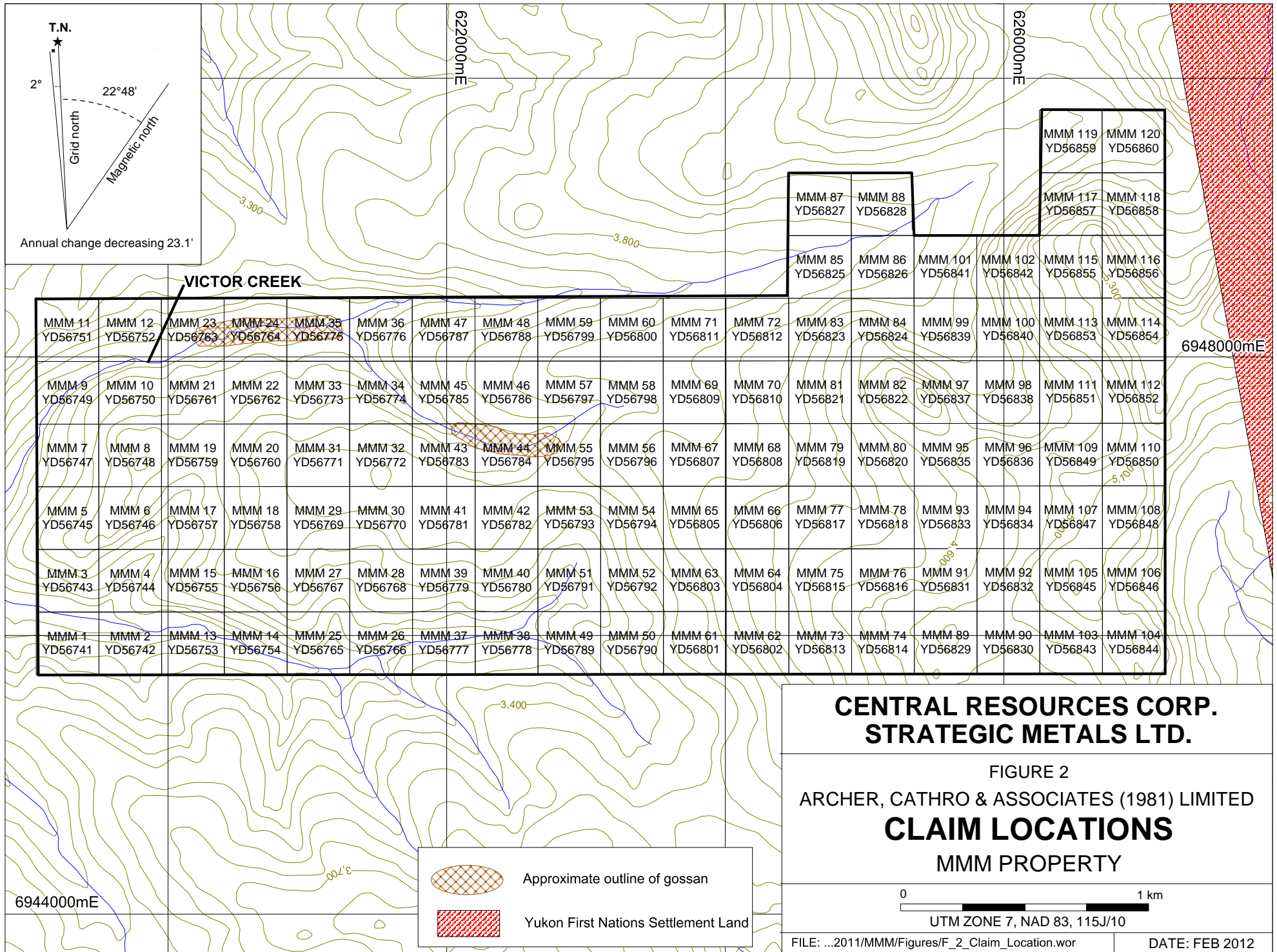


UTM ZONE 7, NAD 83, 115J/10

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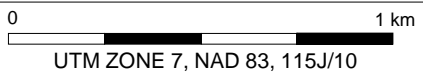
VICTOR CREEK

MMM 11 YD56751	MMM 12 YD56752	MMM 23 YD56763	MMM 24 YD56764	MMM 35 YD56776	MMM 36 YD56776	MMM 47 YD56787	MMM 48 YD56788	MMM 59 YD56799	MMM 60 YD56800	MMM 71 YD56811	MMM 72 YD56812	MMM 83 YD56823	MMM 84 YD56824	MMM 99 YD56839	MMM 100 YD56840	MMM 113 YD56853	MMM 114 YD56854
MMM 9 YD56749	MMM 10 YD56750	MMM 21 YD56761	MMM 22 YD56762	MMM 33 YD56773	MMM 34 YD56774	MMM 45 YD56785	MMM 46 YD56786	MMM 57 YD56797	MMM 58 YD56798	MMM 69 YD56809	MMM 70 YD56810	MMM 81 YD56821	MMM 82 YD56822	MMM 97 YD56837	MMM 98 YD56838	MMM 111 YD56851	MMM 112 YD56852
MMM 7 YD56747	MMM 8 YD56748	MMM 19 YD56759	MMM 20 YD56760	MMM 31 YD56771	MMM 32 YD56772	MMM 43 YD56783	MMM 44 YD56784	MMM 55 YD56795	MMM 56 YD56796	MMM 67 YD56807	MMM 68 YD56808	MMM 79 YD56819	MMM 80 YD56820	MMM 95 YD56835	MMM 96 YD56836	MMM 109 YD56849	MMM 110 YD56850
MMM 5 YD56745	MMM 6 YD56746	MMM 17 YD56757	MMM 18 YD56758	MMM 29 YD56769	MMM 30 YD56770	MMM 41 YD56781	MMM 42 YD56782	MMM 53 YD56793	MMM 54 YD56794	MMM 65 YD56805	MMM 66 YD56806	MMM 77 YD56817	MMM 78 YD56818	MMM 93 YD56833	MMM 94 YD56834	MMM 107 YD56847	MMM 108 YD56848
MMM 3 YD56743	MMM 4 YD56744	MMM 15 YD56755	MMM 16 YD56756	MMM 27 YD56767	MMM 28 YD56768	MMM 39 YD56779	MMM 40 YD56780	MMM 51 YD56791	MMM 52 YD56792	MMM 63 YD56803	MMM 64 YD56804	MMM 75 YD56815	MMM 76 YD56816	MMM 91 YD56831	MMM 92 YD56832	MMM 105 YD56845	MMM 106 YD56846
MMM 1 YD56741	MMM 2 YD56742	MMM 13 YD56753	MMM 14 YD56754	MMM 25 YD56765	MMM 26 YD56766	MMM 37 YD56777	MMM 38 YD56778	MMM 49 YD56789	MMM 50 YD56790	MMM 61 YD56801	MMM 62 YD56802	MMM 73 YD56813	MMM 74 YD56814	MMM 89 YD56829	MMM 90 YD56830	MMM 103 YD56843	MMM 104 YD56844

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

 Approximate outline of gossan
 Yukon First Nations Settlement Land



In 1969, Great Horn Mining Syndicate Inc. staked claims in the Victor Creek drainage, which encompasses the MMM property. Work performed included prospecting and grid soil sampling, which included much of the current property. Mapping identified Mid-Cretaceous Klotassin Batholith rocks that are intruded by younger, quartz rich stocks, which reportedly contained “interesting mineralization” (Waugh, 1970). Soil sampling returned some strongly anomalous copper (up to 430 ppm) and molybdenum values (up to 32 ppm) and moderately anomalous lead values (up to 56 ppm). The best copper-molybdenum anomalies occur immediately northeast of the MMM property within First Nation Settlement Lands.

In 1969, Archer Cathro performed regional exploration in the Dawson Range district for the Dawson Range Joint Venture (Cathro, 1974). During that exploration program, 23 stream sediment samples were collected from the current MMM property. Those samples were analyzed for copper, molybdenum and lead, results are summarized in Table I.

Table I – 1969 Geochemistry

Element	Low (ppm)	High (ppm)	Average (ppm)
Copper	5	102	22
Lead	8	24	17
Molybdenum	nil	4	0.5

In 1974, Archer Cathro again conducted regional exploration in the Dawson Range district – this time for the Klotassin Joint Venture (KJV). KJV was made up of Newconex Canadian Exploration Ltd., Marietta Resources International Ltd., and Molybdenum Corporation of America. Work performed included 1:50,000 scale reconnaissance-style prospecting, mapping and geochemical sampling (Cathro, 1974). KJV collected 65 soil samples from the area of the current MMM property. Those samples were analyzed for copper, molybdenum, lead and zinc. Results from 1974 sampling are displayed in Table II.

Table II – 1974 Geochemistry

Element	Low (ppm)	High (ppm)	Average (ppm)
Copper	7	76	18
Molybdenum	nil	6	0.5
Lead	2	82	18
Zinc	12	127	70

Prospecting by KJV identified two small gossans located about 650 m apart along the banks of Victor Creek in the west-central and northwestern part of the current MMM property (Figure 2). The gossans are reportedly underlain by Klotassin Batholith granodiorite and host weakly to moderately anomalous copper (up to 76 ppm) values and weakly to strongly elevated molybdenum (up to 32 ppm) values (Cathro, 1974).

In 1980, Archer Cathro did more work in the Dawson Range as part of the NAT Joint Venture

(NAT JV), which comprised Chevron Canada Limited and Armco Mineral Exploration Ltd. The NAT JV program included reanalyses of over 5000 previously collected geochemical sample splits for gold, silver, arsenic and lead. None of the soil samples collected from the MMM property were reanalyzed, but the split of a stream sediment sample taken from Victor Creek downstream from the property yielded 48 ppb gold (Archer and Onasick, 1980). NAT JV followed up this result with a number of reconnaissance soil samples. Three strongly anomalous gold-in-soil values (49 ppb, 80 ppb and 254 ppb) were reported from that sampling.

In 1986, the Geological Survey of Canada (GSC) conducted a low-density stream sediment and water sampling survey on NTS map sheet 115J (Friske et al., 1986). Three samples were taken from Victor Creek within the current MMM property. None of those samples returned values above regional background levels for any element.

In 2010, a total of 209 soil samples were collected (Smith, 2010). These samples returned background to weakly anomalous values for gold (up to 33 ppb); background to strongly anomalous values for arsenic (up to 138 ppm); background to weakly anomalous values for molybdenum (up to 7 ppm); weakly to moderately anomalous values for lead (up to 89 ppm); and background to weakly anomalous values for zinc (up to 164 ppm).

GEOMORPHOLOGY AND CLIMATE

The MMM property is situated in the central part of the Dawson Range and is drained by streams that flow into Victor and Dip creeks, which ultimately connect to the Pacific Ocean via the Donjek, White and Yukon rivers. The area escaped Pleistocene glaciation and as a result the landscapes are mature with dendritic drainages forming radial fans off the flanks of upland domes.

Victor Creek forks immediately west of the property and its branches approximately define the northern and southern claim boundaries. Elevations gradually rise from west to east increasing from about 790 to 1650 m above sea level. About one percent of the property has bedrock exposures, but felsenmeer and talus are locally abundant.

Soil profiles in the Dawson Range are complex compared to most other places in Yukon. Due to the absence of glaciation, ridges and elevated spines are deeply weathered and often leached. On hillsides and valley bottoms, the soil profile from surface to bedrock typically consists of the following:

- a layer of organic matter, which ranges from 10-50 cm thick;
- a layer of 2000 year old volcanic ash from the Mount Churchill eruption that varies from 0 to 20 cm thick;
- a layer comprised of loess mixed with soliflucted B and C horizon soil, which is 0 to more than 100 cm thick; and
- a layer of C-horizon residual soil.

Approximately 85% of the property lies below treeline. Vegetation comprises moss, buckbrush, alder, spruce and some stunted poplar and birch. Permafrost is extensive on north facing slopes and where moss and organic matter exceed 20 cm thickness.

Climate in the MMM 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. Local annual precipitation is less than 50 cm and snow thickness is correspondingly low. The property is mainly snow free from late May until late September.

GEOLOGY

In 1974, the Geological Survey of Canada published a geological map of the Snag area (NTS map sheet 115J) at 1:250,000 scale (Templeman-Kluit, 1974). Also in 1974, KJV performed 1:50,000 scale geological mapping on 115J/09 (Cathro, 1974). In 1995, the Yukon Geological Survey performed 1:100,000 scale geological mapping of 115J/9 and 10 and 115I/12, an area that includes the MMM property (Johnston, 1995). Gordey and Makepeace (2003) later completed a Yukon-wide geological compilation, which updated the lithological unit names in the MMM area.

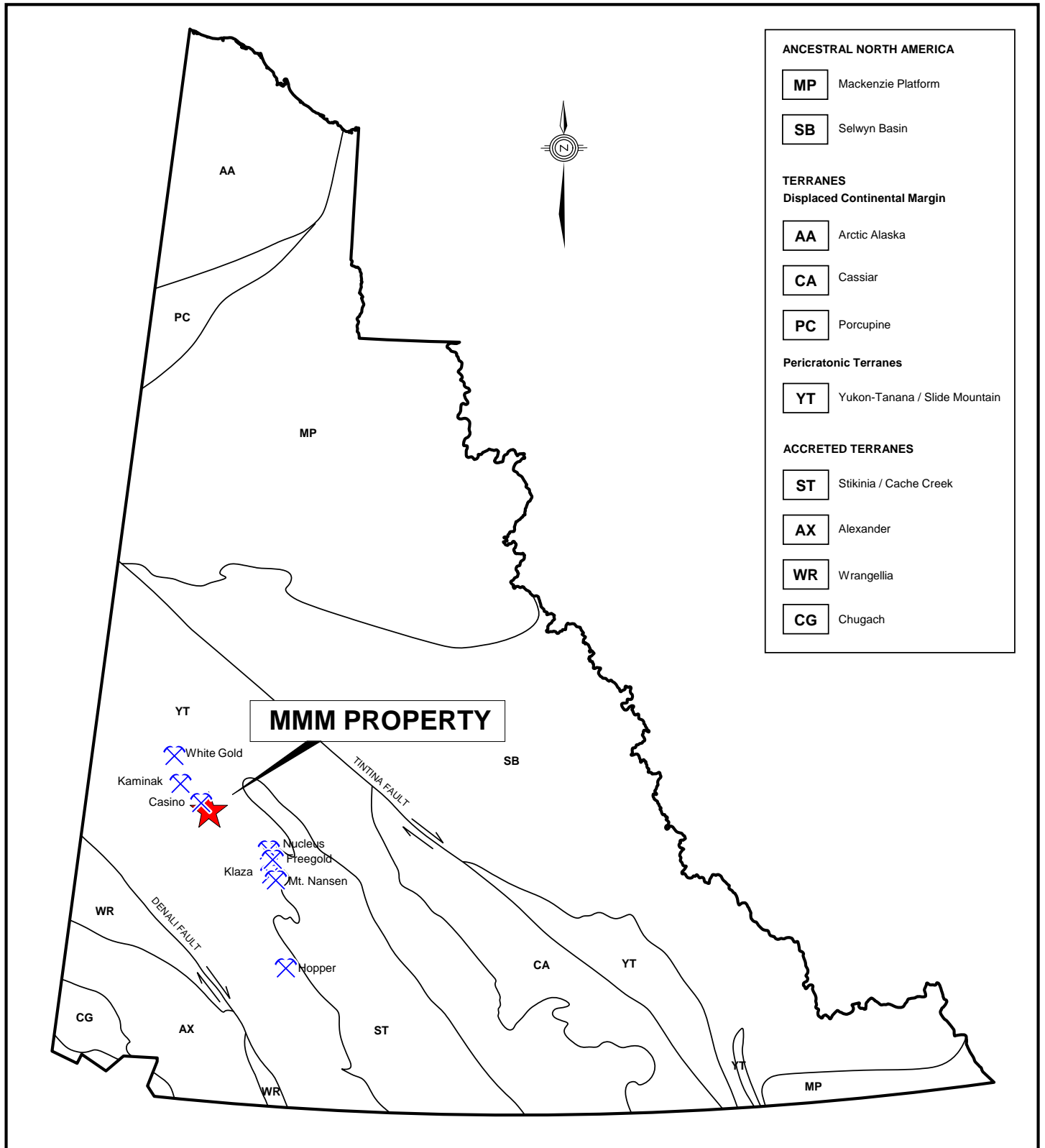
The MMM property is located within the Yukon-Tanana Terrane (YTT) as shown on Figure 3. The YTT represents a continental arc that developed along the ancient Pacific margin of North America from Late Devonian to Permian. Figure 4 illustrates geology as compiled by Gordey and Makepeace (2003). The main lithological units are described in the Table III.

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

Map Suite	Age	Map Unit	Description
Prospector Mountain Suite	Late Cretaceous to Tertiary	LKgP	Biotite-hornblende granodiorite, hornblende-quartz diorite and hornblende diorite; leucocratic, biotite-hornblende granodiorite with sparse grey-pink potassium feldspar phenocrysts.
		LKqP	Grey, fine to coarse grained, massive, granitic rocks. Quartz monzonite, biotite quartz-rich granite; porphyritic alaskite and granite with plagioclase and quartz-eye phenocrysts; biotite and hornblende quartz monzodiorite, granite and leucocratic granodiorite with local alkali feldspar phenocrysts.
Whitehorse Suite	Mid-Cretaceous	mKgW	Biotite-hornblende granodiorite, hornblende-quartz diorite and hornblende diorite; leucocratic, biotite-hornblende granodiorite with sparse grey-pink potassium feldspar phenocrysts.

PROPERTY GEOLOGY

Figure 4 shows general property geology as mapped by KJV in 1974 (modified to reflect current lithological terminology). No detailed geological mapping has been done on the property. All exposures on the property are assigned to the Whitehorse Suite (previously referred to as the Klotassin Batholith).



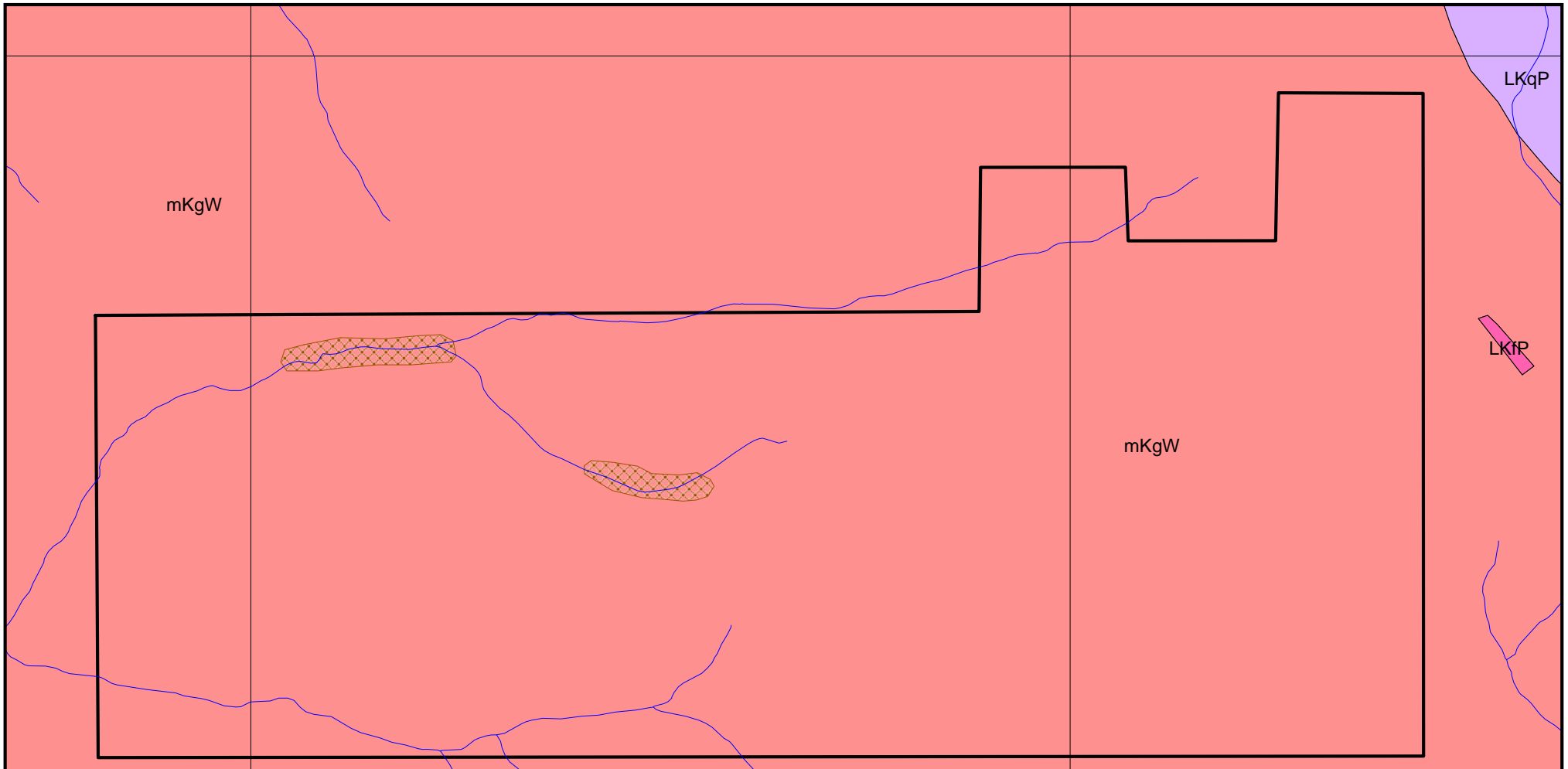
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FIGURE 3
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
TECTONIC SETTING
MMM PROPERTY

0 200 km

UTM ZONE 7, NAD 83, 115J/10


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LKfP LATE CRETACEOUS TO TERTIARY
LKfP: PROSPECTOR MOUNTAIN SUITE
quartz-feldspar porphyry

LKqP LKqP: PROSPECTOR MOUNTAIN SUITE
grey, fine to coarse grained, massive, granitic rocks:
quartz monzonite, biotite quartz-rich granite; porphyritic
alaskite and granite with plagioclase and quartz-eye
phenocrysts; biotite and hornblende quartz monzodiorite,
granite, and leucocratic granodiorite with local alkali
feldspar phenocrysts

mKgW MID-CRETACEOUS
mKgW: WHITEHORSE SUITE
grey, medium to coarse grained, generally equigranular granitic
rocks: biotite-hornblende granodiorite, hornblende quartz diorite
and hornblende diorite; leucocratic, biotite hornblende
granodiorite locally with sparse grey and pink potassium
feldspar phenocrysts

 Approximate outline of gossan

After Cathro (1974) and Gordey and Makepeace (2003)

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FIGURE 4
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
REGIONAL GEOLOGY
MMM PROPERTY

0  3 km

UTM ZONE 7, NAD 83, 115J/10

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Two small gossans were identified by KJV along the banks of Victor Creek, but no attempt was made to re-locate them in 2011. The cause of these gossans is not known.

The dominant structural feature near the MMM property is the Dip Creek Fault, which strikes north-easterly, but its sense of movement is unknown. It comes to surface about three kilometres northwest of the property.

REGIONAL MINERALIZATION

There are numerous mineral deposits within the Dawson Range that are associated with multiple episodes of intrusive activity. The best described deposit of this type is the Casino porphyry deposit.

The Casino gold-copper-molybdenum porphyry deposit is owned by WCGC. It comprises a measured and indicated mineral reserve of 946 million tonnes (with a copper equivalent cut-off of 0.30%) of 0.21% copper, 0.25 g/t gold, 0.024% molybdenum and 1.77 g/t silver (Corman, 2010). Mineralization on the Casino property is hosted by mKgW, which has been intruded by a Late Cretaceous stock named the Patton Porphyry. The Patton Porphyry has been assigned by the YGS to the Prospector Mountain Suite (LKgP) and is reportedly the main mineralizer. Mineralization occurs in breccia pipes and fractures. Ore grade values are reported within the leached cap, supergene oxide cap, supergene sulphide zone and hypogene zone.

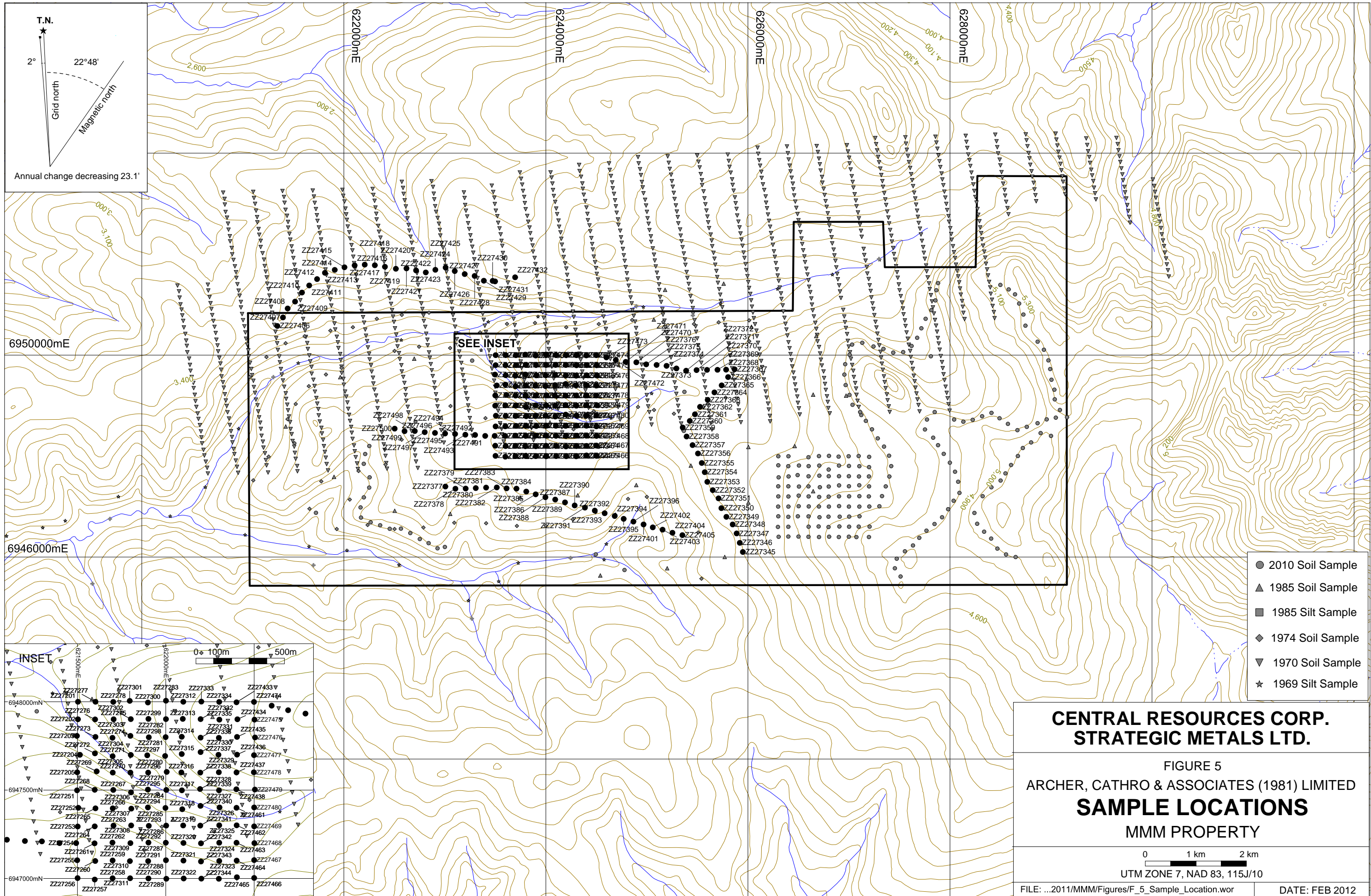
SOIL GEOCHEMISTRY

Previous soil surveys on the MMM property consisted of widely spaced samples collected during reconnaissance traverses and closer spaced samples from a large grid in the northern part of the property. All of these samples were analyzed for copper, molybdenum, lead and zinc. Gold results were only available for the widely spaced reconnaissance samples, and they were low with the exception of one sample that returned 254 ppb gold. Results for other elements were background to strongly anomalous with peak values of 76 ppm copper, 32 ppm molybdenum, 82 ppb lead and 127 ppm zinc.

A total of 219 soil samples were collected in 2011. Soil sample locations are plotted on Figure 5, while results for gold, arsenic, copper, molybdenum, lead zinc and antimony are illustrated thematically on Figures 6 to 12, respectively. Certificates of Analysis are provided in Appendix II.

Soil sample locations were recorded using hand-held GPS units. Sample sites 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 30 to 70 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 Chemex in Whitehorse, where they were dried, screened to -180 microns. The samples were then shipped to ALS Chemex in North Vancouver for analysis for 35 elements using aqua regia digestion followed by inductively coupled plasma and atomic emission spectroscopy technique (ME-ICP41). An additional 30 g charge was further

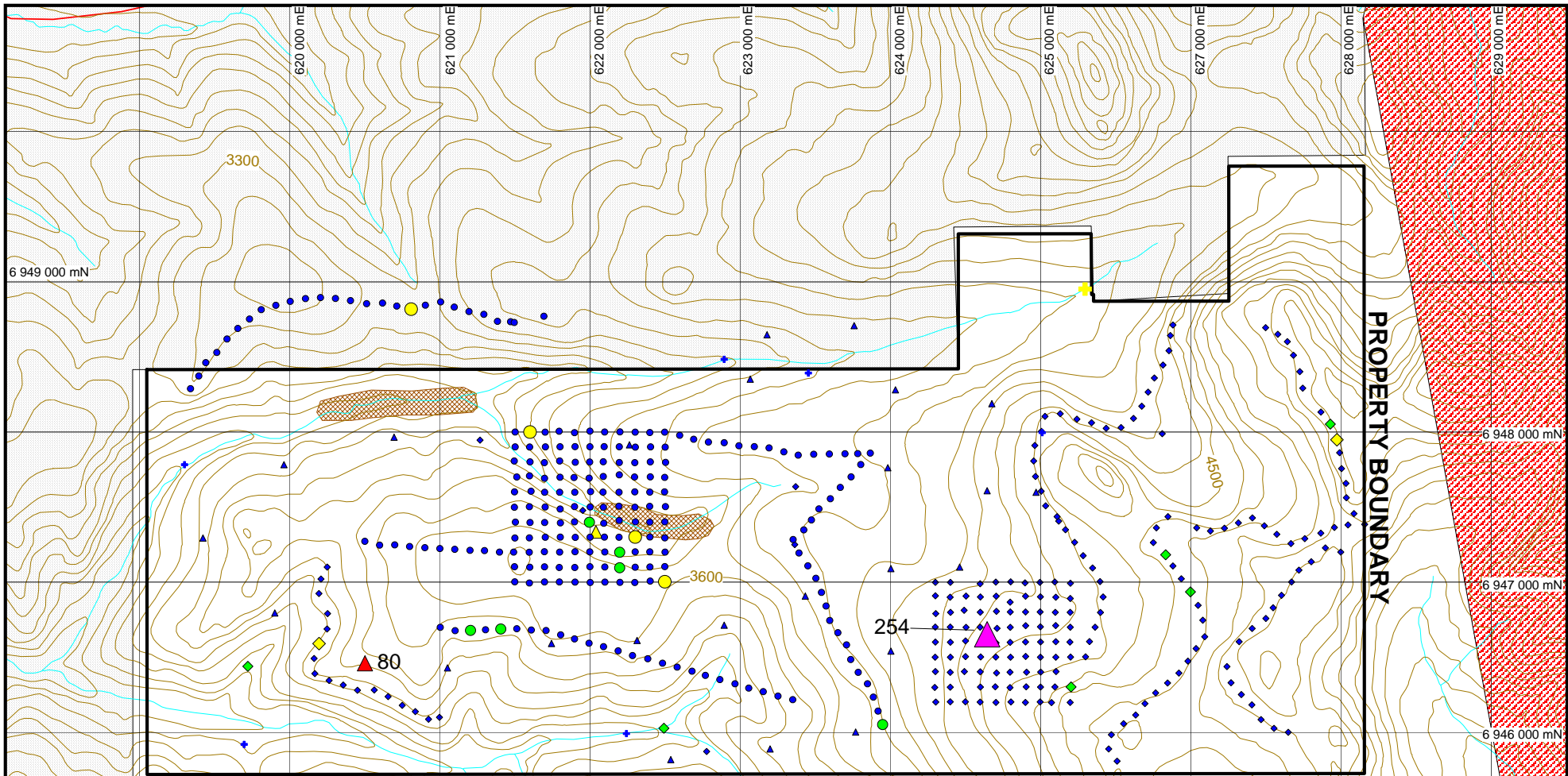


- 2010 Soil Sample
- ▲ 1985 Soil Sample
- 1985 Silt Sample
- ◆ 1974 Soil Sample
- ▼ 1970 Soil Sample
- ★ 1969 Silt Sample

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

0 1 km 2 km
UTM ZONE 7, NAD 83, 115J/10



2011 Soil Au (ppb)

- 20 ≥ 32
- 10 ≥ 20
- 0 ≥ 10

1985 Silt Au (ppb)

- ⊕ 20 ≥ 48
- ⊕ 10 ≥ 20
- ⊕ 0 ≥ 10

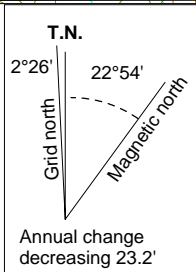
2010 Soil Au (ppb)

- ◆ 20 ≥ 33
- ◆ 10 ≥ 20
- ◆ 0 ≥ 10

1985 Soil Au (ppb)

- ▲ 100 ≥ 254
- ▲ 50 ≥ 100
- ▲ 20 ≥ 50
- ▲ 10 ≥ 20
- ▲ 0 ≥ 10

- Approximate outline of gossan
- Claims owned by others
- First Nation Settlement Lands



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FIGURE 6
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

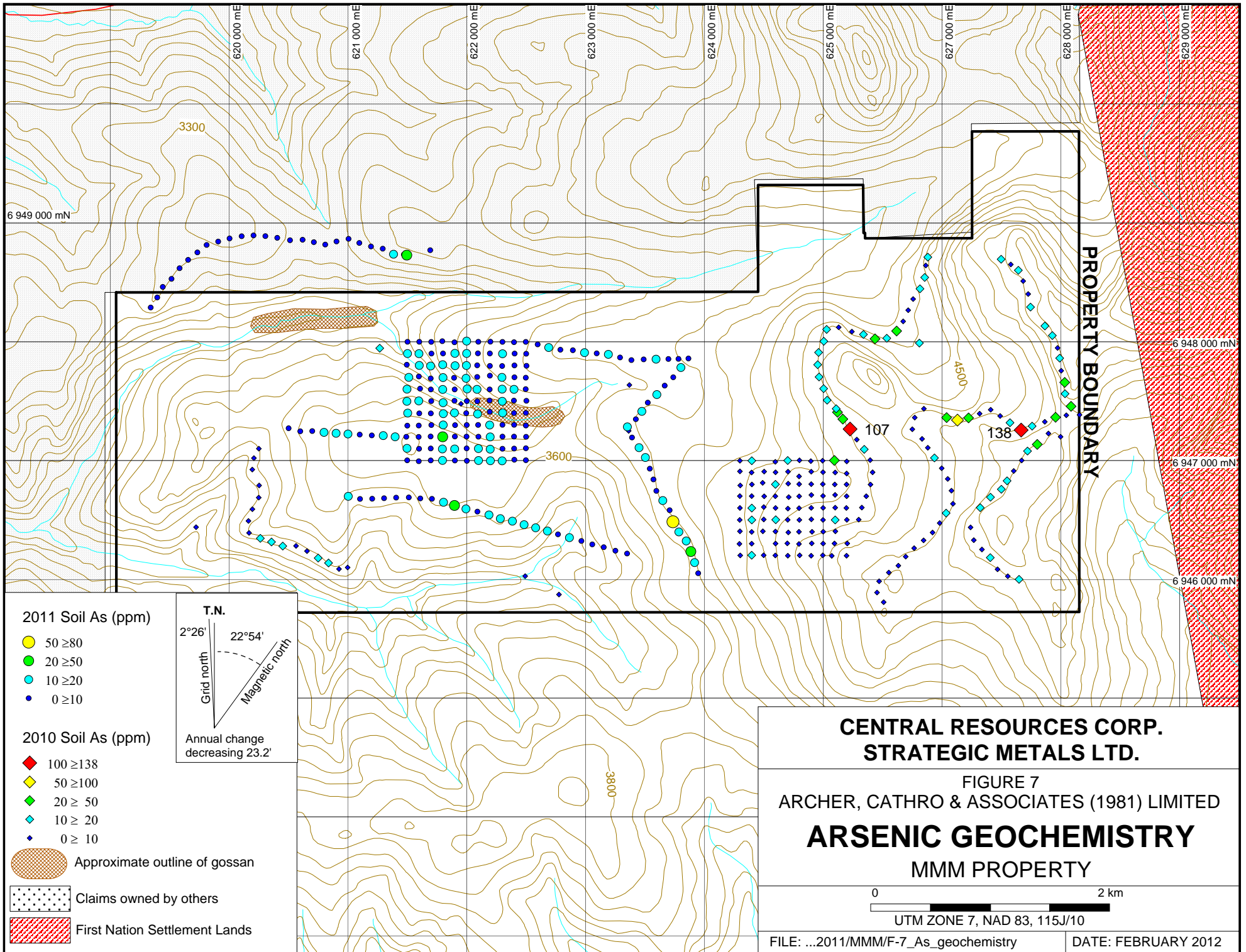
**GOLD GEOCHEMISTRY
MMM PROPERTY**

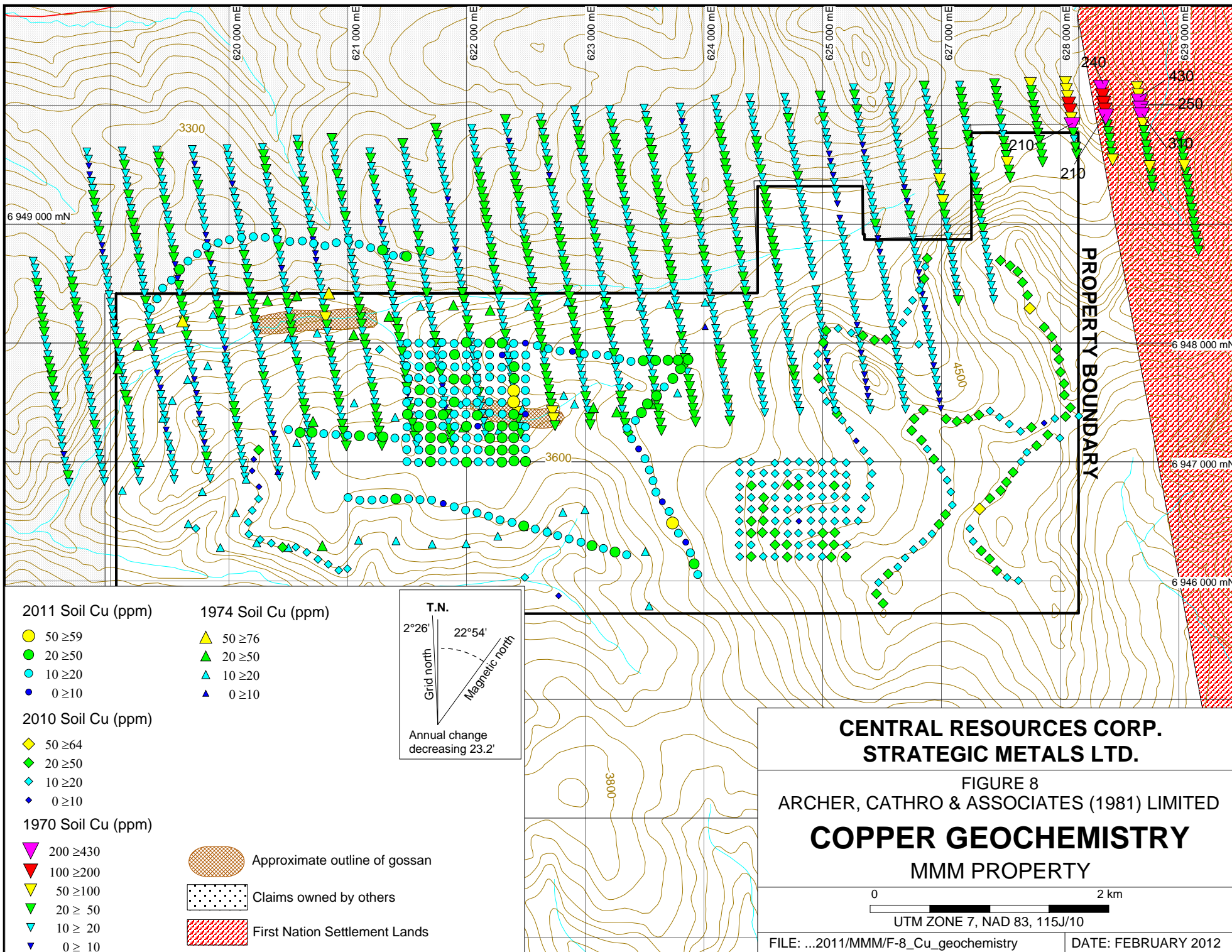
0 2 km

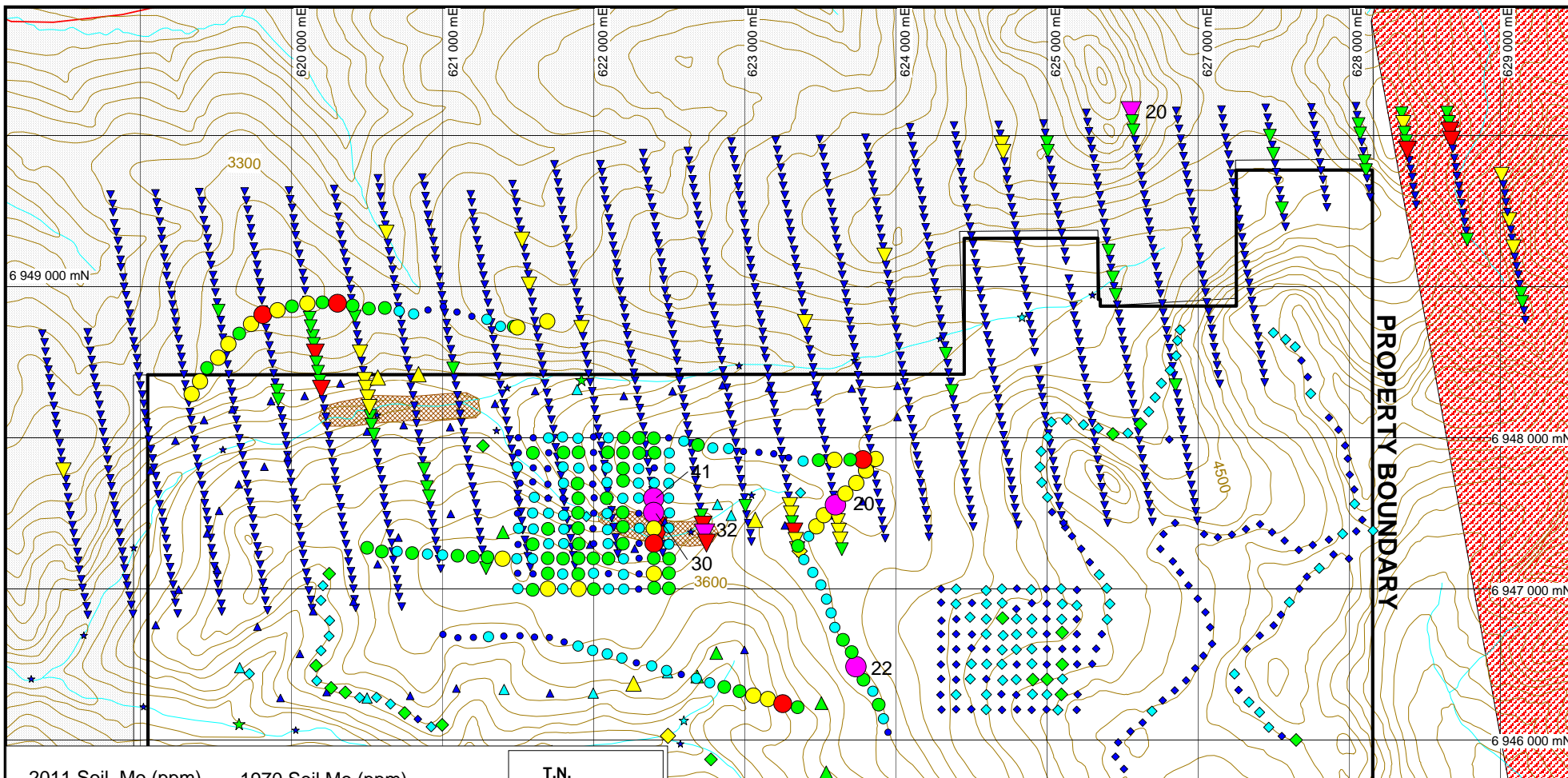
UTM ZONE 7, NAD 83, 115J/10

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2011 Soil Mo (ppm)

- 20 ≥ 41
- 10 ≥ 20
- 5 ≥ 10
- 2 ≥ 5
- 1 ≥ 2
- 0 ≥ 1

1970 Soil Mo (ppm)

- ▼ 20 ≥ 32
- ▼ 10 ≥ 20
- ▼ 5 ≥ 10
- ▼ 2 ≥ 5
- ▼ 0 ≥ 1

2010 Soil Mo (ppm)

- ◆ 5 ≥ 7
- ◆ 2 ≥ 5
- ◆ 1 ≥ 2
- ◆ 0 ≥ 1

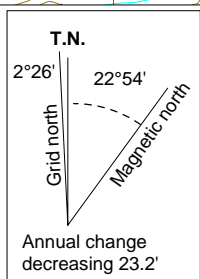
1969 Silt Mo (ppm)

- ★ 2 ≥ 4
- ★ 1 ≥ 2
- ★ 0 ≥ 1

1974 Soil Mo (ppm)

- ▲ 5 ≥ 6
- ▲ 2 ≥ 5
- ▲ 1 ≥ 2
- ▲ 0 ≥ 1

- Approximate outline of gossan
- Claims owned by others
- First Nation Settlement Lands



**CENTRAL RESOURCES CORP.
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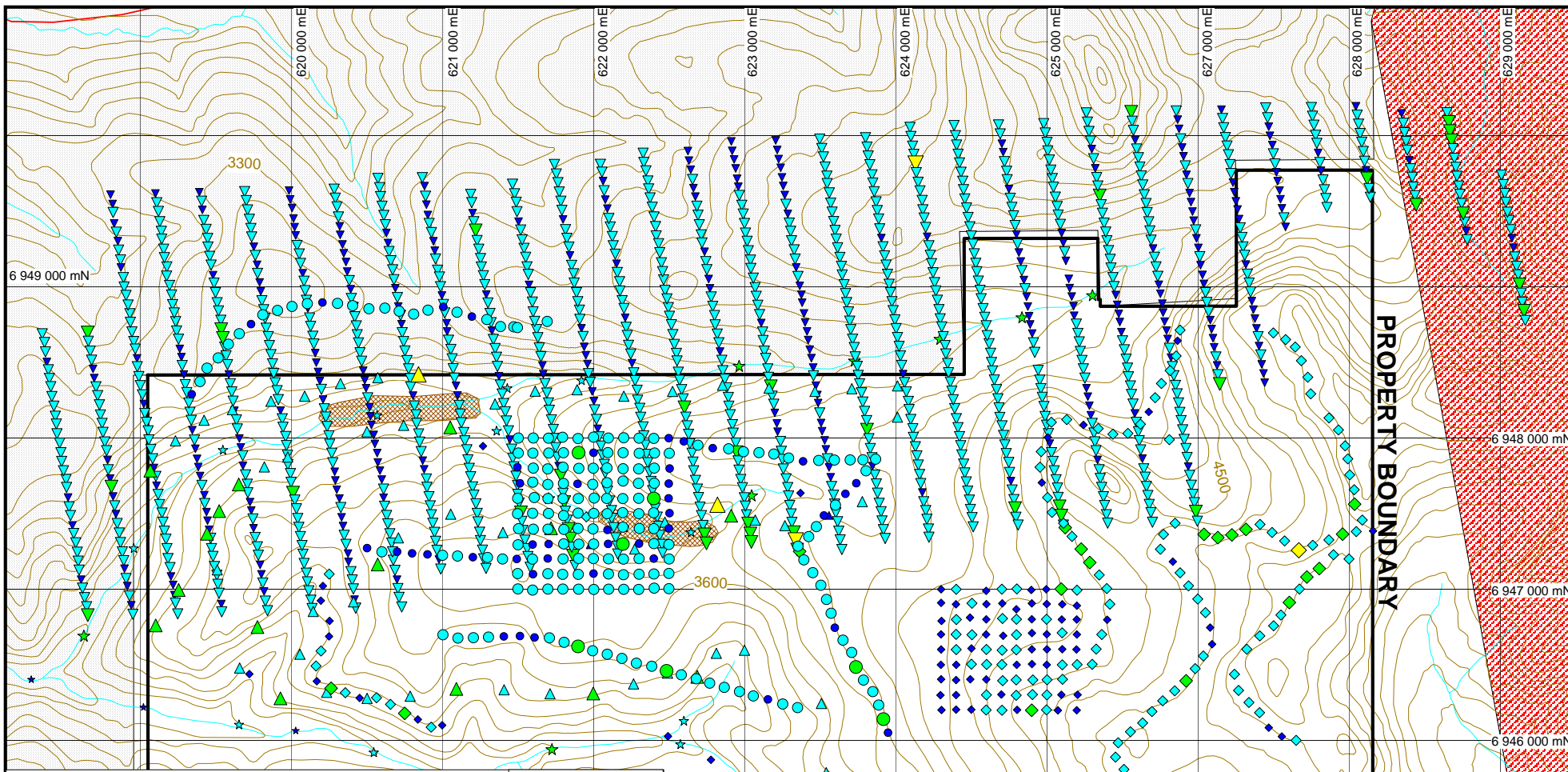
FIGURE 9
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
MOLYBDENUM GEOCHEMISTRY
MMM PROPERTY

0 2 km

UTM ZONE 7, NAD 83, 115J/10

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DATE: FEBRUARY 2012



2011 Soil Pb (ppm) **1970 Soil Pb (ppm)**

- 20 ≥ 27
- 10 ≥ 20
- 0 ≥ 10
- ▼ 50 ≥ 56
- ▼ 20 ≥ 50
- ▼ 10 ≥ 20
- ▼ 0 ≥ 10

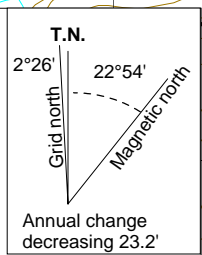
2010 Soil Pb (ppm) **1969 Silt Pb (ppm)**

- ◆ 50 ≥ 89
- ◆ 20 ≥ 50
- ◆ 10 ≥ 20
- ◆ 0 ≥ 10
- ★ 20 ≥ 24
- ★ 10 ≥ 20
- ★ 0 ≥ 10

1974 Soil Pb (ppm)

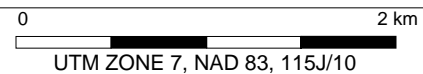
- ▲ 50 ≥ 82
- ▲ 20 ≥ 50
- ▲ 10 ≥ 20
- ▲ 0 ≥ 10

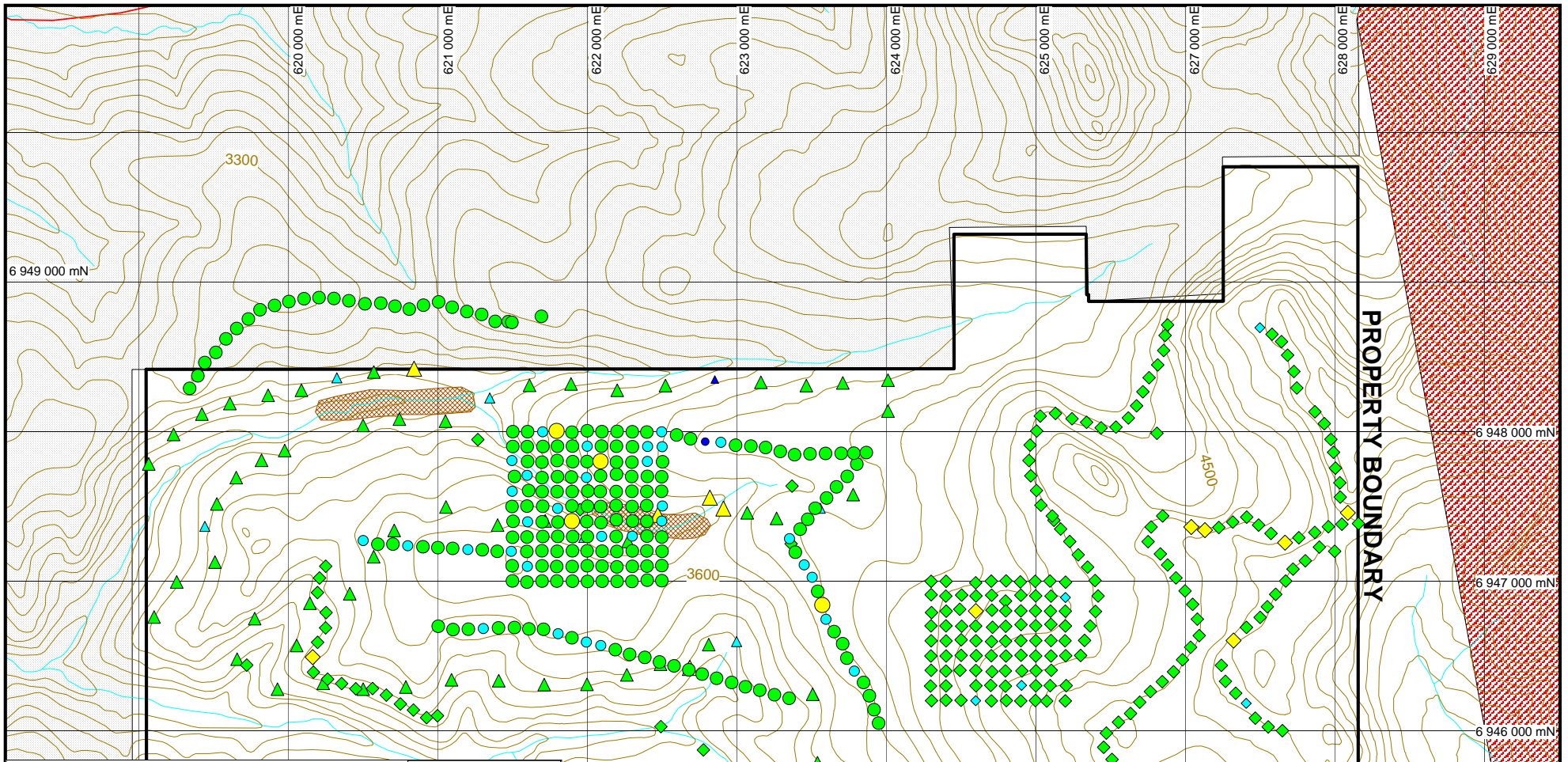
- Approximate outline of gossan
- Claims owned by others
- First Nation Settlement Lands



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FIGURE 10
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
LEAD GEOCHEMISTRY
MMM PROPERTY





2011 Soil Zn (ppm)

- 100 ≥ 106
- 50 ≥ 100
- 20 ≥ 50
- 0 ≥ 20

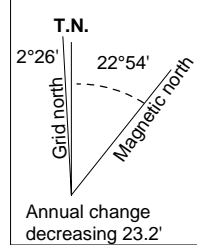
2010 Soil Zn (ppm)

- ◆ 100 ≥ 164
- ◆ 50 ≥ 100
- ◆ 20 ≥ 50
- ◆ 0 ≥ 20

1974 Soil Zn (ppm)

- ▲ 100 ≥ 127
- ▲ 50 ≥ 100
- ▲ 20 ≥ 50
- ▲ 0 ≥ 20

- Approximate outline of gossan
- Claims owned by others
- First Nation Settlement Lands

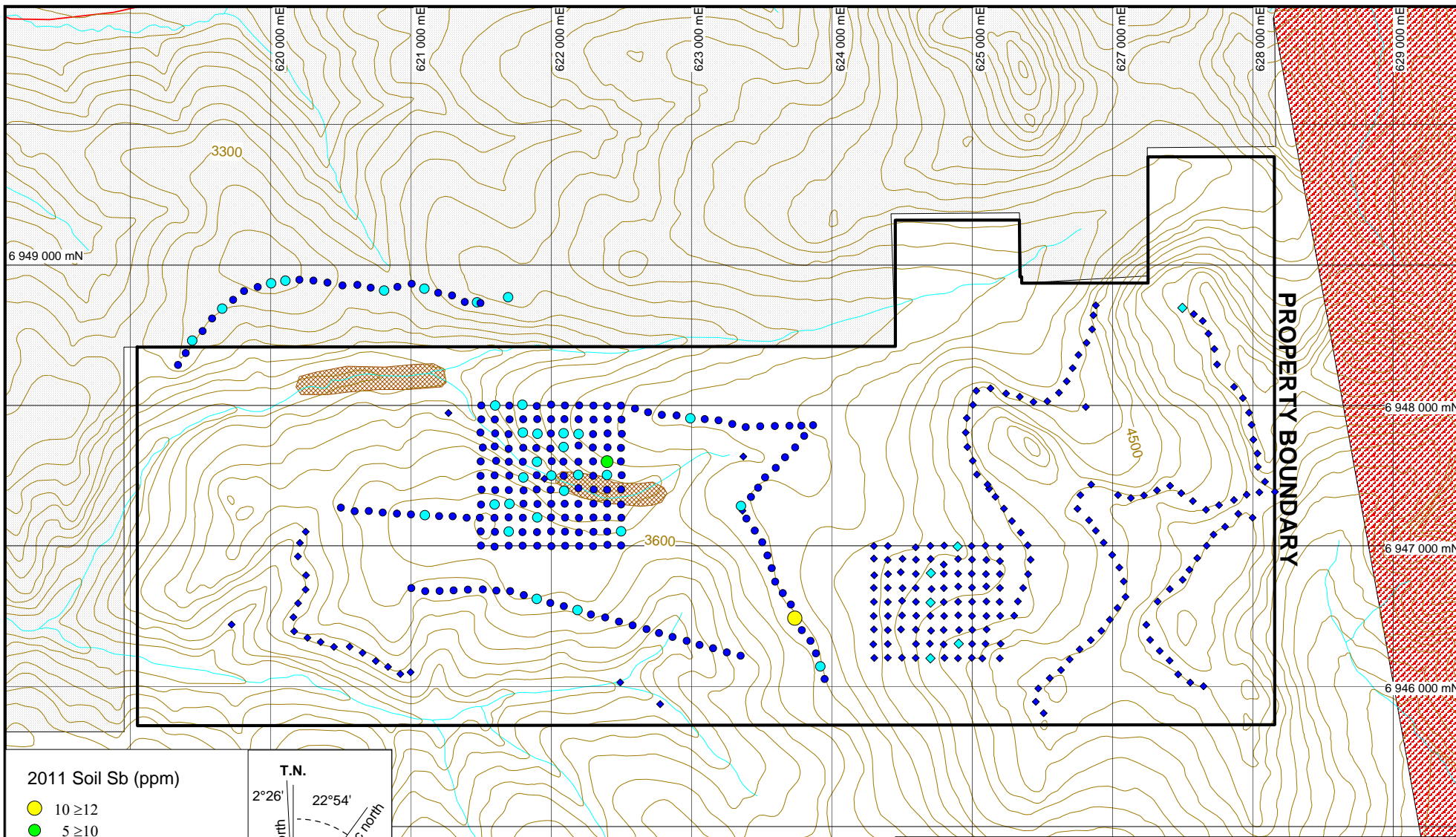


**CENTRAL RESOURCES CORP.
 STRATEGIC METALS LTD.**

FIGURE 11
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ZINC GEOCHEMISTRY
 MMM PROPERTY

0 2 km

UTM ZONE 7, NAD 83, 115J/10



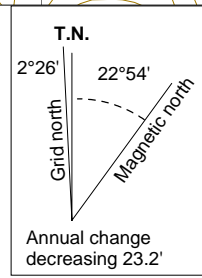
2011 Soil Sb (ppm)

- 10 ≥ 12
- 5 ≥ 10
- 2 ≥ 5
- 0 ≥ 2

2010 Soil Sb (ppm)

- ◆ 2 ≥ 3
- ◆ 0 ≥ 2

- Approximate outline of gossan
- Claims owned by others
- First Nation Settlement Lands



**CENTRAL RESOURCES CORP.
STRATEGIC METALS LTD.**

FIGURE 12
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ANTIMONY GEOCHEMISTRY
MMM PROPERTY

0 2 km

UTM ZONE 7, NAD 83, 115J/10

FILE: ...2011/MMM/F-12_Sb_geochemistry DATE: FEBRUARY 2012

analysed for gold by fire assay with inductively coupled plasma-atomic emissions spectroscopy finish (Au-ICP21).

The 2011 samples returned background to moderately anomalous values for gold (up to 32 ppb); moderately to very strongly anomalous values for molybdenum (up to 41 ppm); weakly to moderately anomalous values for arsenic (up to 88 ppm), copper (up to 59 ppm), zinc (up to 106 ppm) and antimony (up to 12 ppm); and background to weakly anomalous values for lead (up to 27 ppm).

The sampling identified a 250 by 600 m cluster of weakly to moderately anomalous gold values in the southeastern part of the soil sample grid, which confirmed a historical moderate gold-in-soil value. In addition, two moderate gold-in-soil point anomalies were found in saddles or recessive linears to the north and south of the grid.

A 200 m long band of highly elevated molybdenum results, which includes the highest molybdenum value on the property, is located in the eastern part of the soil sample grid. This anomaly overlaps one of the historical gossans and confirms the validity of historically anomalous molybdenum values. Elsewhere, weakly to strongly anomalous molybdenum values were obtained from samples taken along a contour line.

Two moderately anomalous copper-in-soil values lie within the 200 m long molybdenum anomaly, and a single point anomaly in the southern part of the property coincides with high molybdenum and moderate arsenic and antimony values. Slightly elevated zinc values occur as sporadic point highs in various parts of the property. Generally, there is poor correlation between metals in the anomalous samples.

DISCUSSION AND CONCLUSIONS

The MMM property lies within the Dawson Range Gold Belt, which hosts a number of gold±copper±molybdenum deposits and occurrences that are directly associated with Middle to Late Cretaceous plutons and large structural features.

Geochemical sampling at the MMM property has returned spotty elevated results for gold, arsenic, copper and molybdenum. Exploration elsewhere in the Dawson Range has shown that soil geochemical response can be very subdued unless the samples are collected near the soil-bedrock interface. Much of the MMM property is in gentle terrain where overburden is likely quite thick. Thus, the sporadic geochemical response at the MMM property does not completely negate the possibility of significant mineralization in bedrock. Prospecting with daily helicopter support is recommended over a one to two day period, if work is being conducted on other Central Resources' properties in the area.

Detailed prospecting should be completed in the vicinity of both historical gossans and in the eastern part of the property, where gold and arsenic results are encouraging and rock exposure is good. This prospecting should be done with daily helicopter support is recommended over a one to two day period, if work is being conducted on other Central Resources' properties in the area.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Andrew Mitchell, B.Sc.

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 AR#060221

APPENDIX I
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Andrew Mitchell, geologist, 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 have interpreted all data resulting from this work.

A. Mitchell, B.Sc. Geology

APPENDIX II
CERTIFICATES OF ANALYSIS



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Page: 1
 Finalized Date: 9- OCT- 2011
 Account: F

CERTIFICATE WH11167596

Project: MMM
 P.O. No.:
 This report is for 219 Soil samples submitted to our lab in Whitehorse, YT, Canada on 25- AUG- 2011.
 The following have access to data associated with this certificate:
 JOAN MARIACHER HEATHER SMITH

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	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
ATTN: JOAN MARIACHER
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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 Total # Pages: 7 (A - C)
 Finalized Date: 9- OCT- 2011
 Account: F

Project: MMM

CERTIFICATE OF ANALYSIS WH11167596

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ27201		0.24	0.003	0.3	2.31	9	<10	210	0.6	<2	0.32	<0.5	8	23	16	3.22
ZZ27202		0.26	0.003	<0.2	1.97	11	<10	120	<0.5	<2	0.18	<0.5	11	21	12	3.02
ZZ27203		0.24	0.003	<0.2	1.28	9	<10	100	<0.5	<2	0.19	<0.5	5	17	10	2.44
ZZ27204		0.28	0.005	<0.2	2.13	10	<10	150	0.5	<2	0.31	<0.5	10	31	18	3.01
ZZ27205		0.24	0.003	<0.2	1.29	12	<10	130	<0.5	<2	0.26	<0.5	6	18	17	2.34
ZZ27251		0.38	0.004	<0.2	1.81	12	<10	180	0.5	<2	0.37	<0.5	7	13	17	3.36
ZZ27252		0.38	0.005	<0.2	2.53	15	<10	250	0.6	<2	0.39	<0.5	8	20	22	3.58
ZZ27253		0.26	0.003	0.2	1.97	6	<10	420	<0.5	<2	0.59	<0.5	8	23	12	2.93
ZZ27254		0.12	<0.001	<0.2	0.64	4	<10	80	<0.5	<2	0.14	<0.5	2	14	14	1.47
ZZ27255		0.32	0.005	<0.2	2.00	11	<10	230	<0.5	<2	0.29	<0.5	11	30	12	3.40
ZZ27256		0.44	0.003	<0.2	1.49	4	<10	220	<0.5	<2	0.34	<0.5	11	23	11	2.96
ZZ27257		0.32	0.004	<0.2	1.80	7	<10	200	<0.5	2	0.45	<0.5	12	25	15	3.56
ZZ27258		0.58	0.003	0.2	2.33	8	<10	260	0.6	<2	0.38	<0.5	10	32	25	3.37
ZZ27259		0.48	0.002	<0.2	1.87	5	<10	190	0.6	<2	0.36	<0.5	8	25	27	3.62
ZZ27260		0.14	<0.001	0.2	1.05	4	<10	80	<0.5	<2	0.12	<0.5	3	19	14	2.03
ZZ27261		0.18	0.003	0.2	1.76	9	<10	100	0.5	<2	0.10	<0.5	6	26	13	3.60
ZZ27262		0.44	0.004	<0.2	1.89	7	<10	210	<0.5	<2	0.38	<0.5	8	31	23	3.22
ZZ27263		0.46	0.003	0.2	2.79	9	<10	250	0.7	<2	0.27	<0.5	11	37	25	3.62
ZZ27264		0.42	0.003	<0.2	2.43	9	<10	280	0.6	2	0.31	<0.5	11	35	26	3.72
ZZ27265		0.30	0.002	<0.2	1.89	9	<10	140	<0.5	<2	0.23	<0.5	5	24	10	2.88
ZZ27266		0.54	0.003	0.3	2.22	5	<10	310	0.5	<2	0.51	<0.5	10	37	35	3.84
ZZ27267		0.36	0.007	0.2	1.83	6	<10	270	<0.5	3	0.45	<0.5	9	31	20	3.11
ZZ27268		0.28	0.006	0.2	2.06	12	<10	120	<0.5	<2	0.21	<0.5	12	29	13	3.73
ZZ27269		0.40	0.003	<0.2	2.25	4	<10	250	0.5	<2	0.43	<0.5	10	33	21	3.37
ZZ27270		0.26	0.005	<0.2	1.94	9	<10	290	0.5	<2	0.38	<0.5	9	28	17	3.34
ZZ27271		0.46	0.003	<0.2	2.09	8	<10	210	0.5	<2	0.34	0.5	11	32	16	3.56
ZZ27272		0.22	0.003	0.2	1.32	5	<10	160	<0.5	<2	0.09	<0.5	3	18	12	1.65
ZZ27273		0.34	0.003	<0.2	1.71	14	<10	180	0.5	<2	0.33	<0.5	9	26	14	3.01
ZZ27274		0.32	0.003	0.3	2.17	10	<10	510	0.7	2	0.64	<0.5	9	28	22	3.54
ZZ27275		0.22	0.003	<0.2	1.37	8	<10	210	<0.5	2	0.29	0.9	6	19	10	2.67
ZZ27276		0.38	0.003	<0.2	1.71	11	<10	370	0.6	2	0.97	0.5	8	21	15	2.68
ZZ27277		0.20	0.021	<0.2	1.37	6	<10	240	0.7	<2	0.44	<0.5	5	15	18	2.40
ZZ27278		0.26	0.007	<0.2	1.46	8	<10	130	<0.5	2	0.10	0.5	5	19	12	2.91
ZZ27279		0.34	0.006	<0.2	2.63	12	<10	180	0.6	<2	0.26	<0.5	10	31	17	3.44
ZZ27280		0.28	0.005	0.3	1.76	12	<10	170	0.5	<2	0.34	<0.5	11	18	21	2.86
ZZ27281		0.30	0.003	0.2	2.17	12	<10	220	0.5	2	0.32	<0.5	8	21	15	3.36
ZZ27282		0.34	0.002	<0.2	1.25	10	<10	90	<0.5	<2	0.13	<0.5	5	11	11	2.50
ZZ27283		0.46	0.003	0.2	2.35	17	<10	180	0.5	<2	0.37	<0.5	10	26	26	3.51
ZZ27284		0.44	0.003	<0.2	2.31	8	<10	240	0.5	<2	0.43	<0.5	8	31	16	3.93
ZZ27285		0.28	0.011	<0.2	2.03	6	<10	180	<0.5	<2	0.28	<0.5	7	28	13	3.19



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 Total # Pages: 7 (A - C)
 Finalized Date: 9- OCT- 2011
 Account: F

Project: MMM

CERTIFICATE OF ANALYSIS WH11167596

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ27201		10	<1	0.12	20	0.54	615	<1	0.02	11	660	12	0.04	<2	4	32
ZZ27202		10	<1	0.11	10	0.49	1095	<1	0.01	11	610	11	0.02	<2	3	16
ZZ27203		10	<1	0.10	10	0.42	369	1	0.01	7	300	8	0.01	<2	3	20
ZZ27204		10	<1	0.09	10	0.62	449	<1	0.01	18	700	9	0.01	<2	4	21
ZZ27205		10	<1	0.09	10	0.37	344	<1	0.01	8	560	12	0.02	<2	3	24
ZZ27251		10	<1	0.33	20	0.63	516	<1	0.01	5	1190	10	0.01	<2	4	21
ZZ27252		10	<1	0.28	20	0.68	494	1	0.01	10	920	12	0.02	<2	5	32
ZZ27253		10	<1	0.08	30	0.46	571	<1	0.02	14	770	14	0.02	<2	5	47
ZZ27254		10	<1	0.05	10	0.06	95	1	0.01	6	540	9	0.01	<2	<1	12
ZZ27255		10	<1	0.09	10	0.55	658	<1	0.01	16	580	12	<0.01	<2	4	21
ZZ27256		10	<1	0.08	20	0.48	1775	1	0.01	13	840	13	<0.01	<2	4	22
ZZ27257		10	<1	0.12	20	0.67	1150	2	0.01	14	990	13	<0.01	<2	5	26
ZZ27258		10	<1	0.09	20	0.64	571	6	0.01	17	760	11	<0.01	<2	6	26
ZZ27259		10	1	0.11	30	0.62	294	4	0.01	13	960	10	<0.01	2	6	18
ZZ27260		10	<1	0.03	10	0.14	132	<1	0.01	8	330	9	0.01	<2	2	15
ZZ27261		10	<1	0.04	10	0.23	217	1	0.01	14	310	14	<0.01	<2	3	11
ZZ27262		10	<1	0.11	20	0.64	479	3	0.01	16	750	8	<0.01	<2	5	24
ZZ27263		10	<1	0.09	20	0.62	424	1	0.01	22	510	9	<0.01	2	7	21
ZZ27264		10	<1	0.11	20	0.59	608	2	0.01	20	590	9	<0.01	2	8	23
ZZ27265		10	<1	0.05	10	0.41	170	1	0.01	10	380	13	<0.01	<2	3	21
ZZ27266		10	<1	0.15	20	0.70	520	4	0.02	18	910	10	<0.01	<2	9	33
ZZ27267		10	1	0.12	20	0.58	625	1	0.02	16	800	11	<0.01	<2	6	29
ZZ27268		10	<1	0.08	10	0.48	1015	1	0.01	16	650	12	0.01	<2	4	14
ZZ27269		10	1	0.08	20	0.67	363	1	0.01	17	840	10	<0.01	<2	6	27
ZZ27270		10	<1	0.09	20	0.56	584	<1	0.01	15	890	12	0.01	<2	5	26
ZZ27271		10	<1	0.09	20	0.59	757	<1	0.01	18	580	14	<0.01	<2	5	25
ZZ27272		10	<1	0.06	10	0.19	104	<1	0.01	8	310	11	0.01	<2	2	13
ZZ27273		10	<1	0.08	20	0.51	611	<1	0.01	14	730	12	<0.01	<2	4	20
ZZ27274		10	<1	0.10	50	0.53	769	<1	0.01	16	800	14	0.01	<2	7	53
ZZ27275		10	<1	0.10	10	0.33	330	<1	0.01	11	460	14	0.01	<2	2	26
ZZ27276		10	<1	0.08	30	0.44	963	3	0.02	12	830	13	0.05	<2	4	85
ZZ27277		10	<1	0.07	20	0.17	725	<1	0.01	12	850	15	0.06	2	1	42
ZZ27278		10	<1	0.06	10	0.27	340	1	0.01	9	510	11	0.01	<2	1	10
ZZ27279		10	<1	0.12	10	0.66	519	<1	0.01	18	520	10	<0.01	<2	5	21
ZZ27280		10	<1	0.12	20	0.49	763	<1	0.02	10	860	10	<0.01	<2	4	28
ZZ27281		10	<1	0.18	20	0.58	514	<1	0.01	11	750	11	<0.01	<2	4	26
ZZ27282		10	<1	0.10	10	0.39	350	<1	0.01	4	430	8	<0.01	<2	3	14
ZZ27283		10	<1	0.17	20	0.64	885	<1	0.01	14	940	13	<0.01	<2	5	26
ZZ27284		10	<1	0.09	20	0.63	450	<1	0.01	15	860	10	0.02	2	5	30
ZZ27285		10	<1	0.08	10	0.56	498	<1	0.01	14	450	11	0.01	<2	4	23



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 Total # Pages: 7 (A - C)
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 Account: F

Project: MMM

CERTIFICATE OF ANALYSIS WH11167596

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
		20	0.01	10	10	1	10	2
ZZ27201	<20	0.11	<10	<10	72	<10	62	
ZZ27202	<20	0.12	<10	<10	71	<10	55	
ZZ27203	<20	0.13	<10	<10	70	<10	47	
ZZ27204	<20	0.13	<10	<10	67	<10	59	
ZZ27205	<20	0.12	<10	<10	56	<10	41	
ZZ27251	20	0.14	<10	<10	70	<10	63	
ZZ27252	<20	0.14	<10	<10	74	<10	68	
ZZ27253	<20	0.04	<10	<10	57	<10	83	
ZZ27254	<20	0.02	<10	<10	43	<10	37	
ZZ27255	<20	0.08	<10	<10	66	<10	75	
ZZ27256	<20	0.07	<10	<10	52	<10	75	
ZZ27257	<20	0.12	<10	<10	67	<10	85	
ZZ27258	<20	0.12	<10	<10	68	<10	72	
ZZ27259	<20	0.12	<10	<10	63	<10	69	
ZZ27260	<20	0.07	<10	<10	54	<10	22	
ZZ27261	<20	0.08	<10	<10	85	<10	51	
ZZ27262	<20	0.14	<10	<10	69	<10	62	
ZZ27263	<20	0.13	<10	<10	74	<10	57	
ZZ27264	<20	0.11	<10	<10	71	<10	61	
ZZ27265	<20	0.13	<10	<10	77	<10	35	
ZZ27266	<20	0.16	<10	<10	78	<10	80	
ZZ27267	<20	0.12	<10	<10	62	<10	73	
ZZ27268	<20	0.07	<10	<10	69	<10	77	
ZZ27269	<20	0.13	<10	<10	72	<10	71	
ZZ27270	<20	0.09	<10	<10	64	<10	77	
ZZ27271	<20	0.10	<10	<10	70	<10	82	
ZZ27272	<20	0.05	<10	<10	41	<10	32	
ZZ27273	<20	0.09	<10	<10	53	<10	78	
ZZ27274	<20	0.06	<10	<10	59	<10	89	
ZZ27275	<20	0.05	<10	<10	47	<10	59	
ZZ27276	<20	0.07	<10	<10	49	<10	82	
ZZ27277	<20	0.02	<10	<10	41	<10	69	
ZZ27278	<20	0.06	<10	<10	72	<10	43	
ZZ27279	<20	0.14	<10	<10	72	<10	59	
ZZ27280	<20	0.12	<10	<10	64	<10	47	
ZZ27281	<20	0.14	<10	<10	73	<10	64	
ZZ27282	<20	0.09	<10	<10	55	<10	41	
ZZ27283	<20	0.14	<10	<10	72	<10	63	
ZZ27284	<20	0.10	<10	<10	76	<10	62	
ZZ27285	<20	0.14	<10	<10	80	<10	72	



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ27286		0.22	0.003	0.2	2.39	7	<10	370	0.6	2	0.72	<0.5	10	34	21	3.32
ZZ27287		0.30	0.002	<0.2	2.16	5	<10	280	0.5	<2	0.73	<0.5	10	26	16	3.41
ZZ27288		0.34	0.004	0.3	2.48	6	<10	280	0.5	<2	0.59	<0.5	10	31	18	3.37
ZZ27289		0.38	0.005	0.4	2.28	7	<10	310	0.6	4	0.68	<0.5	11	31	28	3.26
ZZ27290		0.38	0.003	0.2	2.17	7	<10	290	0.6	4	0.51	<0.5	11	29	19	3.66
ZZ27291		0.32	0.009	<0.2	1.96	10	<10	200	0.8	4	0.27	<0.5	7	27	15	3.24
ZZ27292		0.36	0.002	0.4	1.63	7	<10	510	0.5	4	0.60	<0.5	9	21	11	3.07
ZZ27293		0.30	0.003	<0.2	1.14	2	<10	310	<0.5	4	0.36	<0.5	8	18	10	2.83
ZZ27294		0.30	0.005	<0.2	2.53	11	<10	300	0.6	5	0.37	<0.5	14	36	15	4.30
ZZ27295		0.46	0.009	0.2	1.89	7	<10	360	0.6	3	0.56	<0.5	8	37	22	3.47
ZZ27296		0.38	0.004	<0.2	2.55	6	<10	210	0.6	3	0.26	<0.5	8	34	18	3.34
ZZ27297		0.42	0.003	<0.2	2.44	8	<10	160	0.5	3	0.25	<0.5	10	35	20	3.19
ZZ27298		0.20	0.003	<0.2	2.93	12	<10	170	0.8	3	0.21	<0.5	12	37	19	3.80
ZZ27299		0.40	0.003	0.3	2.75	10	<10	850	1.0	4	0.65	<0.5	11	38	27	4.25
ZZ27300		0.42	0.004	<0.2	1.78	7	<10	490	0.6	4	0.63	<0.5	9	26	12	3.31
ZZ27301		0.42	0.003	0.3	1.90	9	<10	620	0.7	5	0.62	<0.5	9	27	15	3.36
ZZ27302		0.24	0.003	0.4	2.12	3	<10	670	0.7	4	0.66	<0.5	9	28	14	3.23
ZZ27303		0.32	0.003	0.4	2.09	13	<10	220	0.8	4	0.37	<0.5	9	17	17	3.08
ZZ27304		0.40	0.002	<0.2	1.82	14	<10	200	0.5	4	0.33	<0.5	6	19	15	2.99
ZZ27305		0.30	0.005	0.3	2.20	12	<10	190	0.5	3	0.48	<0.5	8	27	19	3.20
ZZ27306		0.34	0.004	<0.2	2.32	13	<10	130	0.5	4	0.16	<0.5	7	28	17	3.33
ZZ27307		0.38	0.004	0.2	2.72	17	<10	190	0.7	4	0.28	<0.5	11	33	26	3.92
ZZ27308		0.34	0.004	<0.2	2.89	15	<10	160	0.6	3	0.25	<0.5	12	36	19	3.79
ZZ27309		0.34	0.003	0.2	2.96	22	<10	230	0.6	3	0.26	<0.5	9	31	23	3.84
ZZ27310		0.34	0.004	<0.2	2.55	13	<10	180	0.7	4	0.28	<0.5	10	30	19	4.03
ZZ27311		0.28	0.003	0.2	2.27	15	<10	250	0.6	3	0.33	<0.5	10	22	17	3.60
ZZ27312		0.30	0.003	0.2	1.87	7	<10	300	0.6	3	0.56	<0.5	11	27	14	3.29
ZZ27313		0.22	0.004	0.2	1.57	9	<10	100	<0.5	4	0.10	<0.5	8	19	11	3.26
ZZ27314		0.38	0.002	0.2	1.82	8	<10	460	0.7	3	0.45	<0.5	11	26	15	3.76
ZZ27315		0.52	0.003	0.2	1.69	9	<10	450	0.8	5	0.41	<0.5	9	29	16	3.43
ZZ27316		0.22	0.003	<0.2	2.17	10	<10	140	0.6	4	0.14	<0.5	12	27	14	3.68
ZZ27317		0.22	0.003	0.2	1.86	5	<10	90	<0.5	3	0.18	<0.5	7	28	13	3.26
ZZ27318		0.36	0.003	<0.2	2.57	11	<10	130	0.5	3	0.31	<0.5	14	34	21	3.34
ZZ27319		0.30	0.004	0.2	0.94	2	<10	150	<0.5	6	0.20	<0.5	3	14	8	1.45
ZZ27320		0.42	0.003	0.4	1.97	5	<10	630	0.7	5	0.73	<0.5	9	22	14	3.62
ZZ27321		0.26	0.002	<0.2	2.21	11	<10	130	<0.5	3	0.29	<0.5	9	28	14	3.12
ZZ27322		0.26	0.002	<0.2	2.09	11	<10	110	<0.5	3	0.26	<0.5	9	28	19	3.28
ZZ27323		0.26	0.002	<0.2	2.00	12	<10	110	<0.5	3	0.17	<0.5	8	22	13	3.38
ZZ27324		0.30	0.012	0.4	3.01	14	<10	290	1.0	3	0.43	<0.5	22	32	24	4.06
ZZ27325		0.34	0.013	0.2	2.29	11	<10	220	0.6	4	0.29	<0.5	8	26	21	3.27



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ27286		10	<1	0.11	30	0.56	925	<1	0.02	19	1010	10	0.06	<2	6	58
ZZ27287		10	<1	0.09	20	0.62	912	2	0.02	13	750	10	0.02	<2	5	59
ZZ27288		10	<1	0.08	20	0.62	613	1	0.02	15	730	9	0.03	<2	6	48
ZZ27289		10	1	0.08	30	0.58	772	4	0.02	20	920	15	0.06	<2	6	59
ZZ27290		10	1	0.08	20	0.61	924	6	0.02	15	820	10	0.04	<2	5	50
ZZ27291		10	1	0.10	20	0.50	428	2	0.01	13	470	19	0.01	<2	4	24
ZZ27292		10	<1	0.09	30	0.46	1070	2	0.02	10	1080	16	0.05	2	5	52
ZZ27293		<10	<1	0.11	20	0.34	792	2	0.01	10	580	10	0.01	<2	4	25
ZZ27294		10	<1	0.10	20	0.63	951	2	0.02	18	760	14	0.01	<2	6	27
ZZ27295		10	1	0.10	40	0.63	460	2	0.02	17	830	10	0.01	<2	8	39
ZZ27296		10	1	0.07	20	0.52	279	2	0.01	20	680	10	0.02	2	5	17
ZZ27297		10	<1	0.05	20	0.55	228	2	0.01	19	700	9	0.01	<2	5	16
ZZ27298		10	1	0.08	20	0.57	532	1	0.01	24	560	14	0.01	2	5	15
ZZ27299		10	1	0.11	80	0.54	995	2	0.02	20	780	20	0.03	<2	9	59
ZZ27300		10	<1	0.09	30	0.54	608	1	0.02	12	720	15	0.02	<2	6	50
ZZ27301		10	1	0.12	30	0.49	783	1	0.02	13	870	15	0.04	3	6	52
ZZ27302		10	1	0.09	40	0.46	1395	2	0.02	15	840	19	0.05	<2	6	55
ZZ27303		10	1	0.18	30	0.51	603	1	0.02	9	780	17	0.03	2	4	33
ZZ27304		10	1	0.12	20	0.52	417	1	0.02	10	420	13	0.01	<2	4	37
ZZ27305		10	<1	0.12	20	0.62	429	<1	0.02	12	680	12	0.03	<2	4	42
ZZ27306		10	1	0.06	10	0.43	275	1	0.01	11	380	12	<0.01	2	4	15
ZZ27307		10	1	0.09	20	0.60	448	1	0.01	16	610	16	0.01	<2	5	26
ZZ27308		10	<1	0.08	10	0.64	359	1	0.02	18	440	12	0.01	<2	5	20
ZZ27309		10	1	0.10	20	0.61	363	2	0.01	14	450	17	0.01	<2	5	28
ZZ27310		10	1	0.08	20	0.59	484	1	0.02	14	540	15	0.01	<2	5	27
ZZ27311		10	1	0.13	20	0.59	667	1	0.02	11	660	14	0.02	<2	4	30
ZZ27312		10	1	0.10	30	0.55	830	1	0.02	13	900	15	0.05	<2	5	40
ZZ27313		10	1	0.08	10	0.29	694	2	0.01	9	580	19	0.02	<2	2	10
ZZ27314		10	1	0.11	30	0.52	870	1	0.02	13	720	19	0.02	2	6	32
ZZ27315		10	<1	0.10	30	0.52	632	1	0.01	16	730	15	0.02	2	6	30
ZZ27316		10	<1	0.07	20	0.35	772	2	0.01	12	560	14	0.01	<2	4	12
ZZ27317		10	1	0.05	10	0.49	308	1	0.01	14	440	10	0.02	<2	4	13
ZZ27318		10	<1	0.06	10	0.64	424	1	0.02	24	900	8	0.02	2	4	19
ZZ27319		10	<1	0.12	10	0.20	161	1	0.01	5	250	9	0.02	<2	2	25
ZZ27320		10	1	0.19	30	0.56	644	2	0.02	10	610	13	0.03	<2	7	67
ZZ27321		10	1	0.09	10	0.62	308	<1	0.01	13	590	12	0.01	<2	4	20
ZZ27322		10	1	0.10	10	0.62	402	1	0.02	15	630	11	0.02	<2	4	18
ZZ27323		10	<1	0.10	10	0.48	413	1	0.01	10	550	12	0.02	<2	3	15
ZZ27324		10	1	0.11	30	0.61	1295	1	0.02	15	730	16	0.02	<2	6	43
ZZ27325		10	1	0.11	20	0.53	424	1	0.01	18	540	13	0.02	<2	4	28



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
		20	0.01	10	10	1	10	2
ZZ27286	<20	0.09	<10	<10	69	<10	79	
ZZ27287	<20	0.11	<10	<10	72	<10	72	
ZZ27288	<20	0.11	<10	<10	73	<10	68	
ZZ27289	<20	0.08	<10	<10	68	<10	74	
ZZ27290	<20	0.08	<10	<10	69	<10	71	
ZZ27291	<20	0.09	<10	<10	65	<10	65	
ZZ27292	<20	0.05	<10	<10	48	<10	86	
ZZ27293	<20	0.05	<10	<10	42	<10	80	
ZZ27294	<20	0.10	<10	<10	77	<10	100	
ZZ27295	20	0.11	<10	<10	67	<10	79	
ZZ27296	<20	0.07	<10	<10	62	<10	66	
ZZ27297	<20	0.10	<10	<10	65	<10	55	
ZZ27298	<20	0.09	<10	<10	65	<10	69	
ZZ27299	<20	0.07	<10	<10	75	<10	90	
ZZ27300	<20	0.06	<10	<10	56	<10	87	
ZZ27301	<20	0.05	<10	<10	55	<10	106	
ZZ27302	<20	0.04	<10	<10	54	<10	73	
ZZ27303	<20	0.10	<10	<10	57	<10	60	
ZZ27304	<20	0.12	<10	<10	64	<10	58	
ZZ27305	<20	0.12	<10	<10	70	<10	67	
ZZ27306	<20	0.13	<10	<10	81	<10	44	
ZZ27307	<20	0.13	<10	<10	86	<10	64	
ZZ27308	<20	0.14	<10	<10	82	<10	60	
ZZ27309	<20	0.14	<10	<10	92	<10	63	
ZZ27310	<20	0.13	<10	<10	87	<10	60	
ZZ27311	<20	0.12	<10	<10	76	<10	64	
ZZ27312	<20	0.07	<10	<10	59	<10	80	
ZZ27313	<20	0.05	<10	<10	60	<10	69	
ZZ27314	<20	0.06	<10	<10	61	<10	100	
ZZ27315	<20	0.06	<10	<10	57	<10	94	
ZZ27316	<20	0.05	<10	<10	69	<10	99	
ZZ27317	<20	0.10	<10	<10	67	<10	52	
ZZ27318	<20	0.12	<10	<10	66	<10	61	
ZZ27319	<20	0.07	<10	<10	47	<10	33	
ZZ27320	<20	0.07	<10	<10	63	<10	74	
ZZ27321	<20	0.13	<10	<10	67	<10	63	
ZZ27322	<20	0.13	<10	<10	73	<10	60	
ZZ27323	<20	0.12	<10	<10	74	<10	55	
ZZ27324	<20	0.11	<10	<10	80	<10	73	
ZZ27325	<20	0.11	<10	<10	69	<10	68	



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ27326		0.28	0.004	0.5	2.65	14	<10	440	1.3	5	0.46	<0.5	9	30	25	3.61
ZZ27327		0.28	0.006	0.2	1.59	7	<10	220	<0.5	3	0.38	<0.5	7	22	10	3.15
ZZ27328		0.36	0.002	0.2	1.66	5	<10	430	0.6	4	0.61	<0.5	17	23	16	3.87
ZZ27329		0.34	0.003	0.3	2.22	7	<10	580	0.9	4	0.61	<0.5	10	30	19	3.54
ZZ27330		0.36	0.004	0.2	2.00	8	<10	550	0.8	4	0.54	<0.5	9	30	17	3.69
ZZ27331		0.34	0.005	<0.2	2.04	7	<10	260	0.6	4	0.37	<0.5	9	36	19	2.97
ZZ27332		0.32	0.004	<0.2	2.25	8	<10	210	0.5	3	0.27	<0.5	10	32	12	3.94
ZZ27333		0.24	0.004	0.4	2.47	8	<10	420	0.8	5	0.40	<0.5	13	39	23	3.84
ZZ27334		0.26	0.004	0.7	2.78	8	<10	580	0.9	5	0.65	<0.5	10	33	20	3.77
ZZ27335		0.28	0.003	<0.2	1.87	12	<10	240	0.5	4	0.37	<0.5	8	24	9	3.00
ZZ27336		0.28	0.002	<0.2	1.60	9	<10	180	<0.5	4	0.28	0.5	4	18	11	2.40
ZZ27337		0.26	0.003	0.2	2.68	15	<10	240	0.6	4	0.35	<0.5	12	26	16	3.98
ZZ27338		0.22	0.003	<0.2	2.52	11	<10	160	0.6	3	0.19	<0.5	9	27	14	3.45
ZZ27339		0.38	0.005	0.3	2.55	14	<10	180	0.5	3	0.30	<0.5	9	31	17	3.41
ZZ27340		0.34	0.001	0.2	2.54	14	<10	160	0.5	3	0.25	<0.5	9	29	15	3.62
ZZ27341		0.24	0.032	<0.2	1.56	6	<10	170	0.7	4	0.17	<0.5	5	20	20	1.83
ZZ27342		0.46	0.005	0.3	2.39	8	<10	220	0.6	4	0.37	<0.5	10	32	22	3.49
ZZ27343		0.34	0.005	<0.2	2.39	9	<10	220	0.6	2	0.39	<0.5	9	32	20	3.52
ZZ27344		0.42	0.005	0.2	2.35	12	<10	180	0.5	4	0.34	<0.5	10	32	21	3.59
ZZ27345		0.30	0.016	<0.2	1.49	8	<10	110	<0.5	3	0.27	<0.5	8	20	12	2.92
ZZ27346		0.30	0.003	0.3	3.20	19	<10	310	0.9	4	0.36	<0.5	13	33	26	4.28
ZZ27347		0.32	0.002	0.2	2.46	26	<10	180	0.5	3	0.22	<0.5	24	32	17	4.92
ZZ27348		0.28	0.001	<0.2	1.86	14	<10	130	<0.5	4	0.17	<0.5	9	23	9	3.35
ZZ27349		0.24	0.001	0.4	1.50	10	<10	150	<0.5	4	0.13	<0.5	5	21	12	2.88
ZZ27350		0.34	0.002	0.3	1.25	80	<10	190	0.5	7	0.20	<0.5	4	19	59	2.12
ZZ27351		0.36	0.003	0.2	1.80	8	<10	210	<0.5	4	0.26	<0.5	7	23	11	3.52
ZZ27352		0.32	0.002	<0.2	1.95	10	<10	300	<0.5	4	0.38	<0.5	11	20	9	4.36
ZZ27353		0.22	0.004	<0.2	1.47	4	<10	170	<0.5	3	0.24	<0.5	5	24	14	2.16
ZZ27354		0.28	0.002	0.4	2.61	9	<10	410	0.7	3	0.51	<0.5	14	38	17	3.87
ZZ27355		0.24	0.003	<0.2	2.35	8	<10	230	0.6	3	0.42	<0.5	10	30	12	4.24
ZZ27356		0.28	0.004	<0.2	2.01	10	<10	110	<0.5	3	0.17	<0.5	8	27	13	3.33
ZZ27357		0.28	0.003	<0.2	2.09	11	<10	90	<0.5	4	0.17	<0.5	6	34	9	4.16
ZZ27358		0.28	0.003	<0.2	1.60	9	<10	150	<0.5	3	0.15	<0.5	5	29	12	3.67
ZZ27359		0.30	0.005	0.2	1.58	13	<10	160	<0.5	4	0.13	<0.5	4	22	13	3.05
ZZ27360		0.26	0.003	<0.2	2.14	9	<10	210	0.5	3	0.26	<0.5	9	33	12	3.92
ZZ27361		0.42	0.004	0.3	2.54	12	<10	290	0.5	4	0.50	<0.5	10	36	22	3.80
ZZ27362		0.40	0.005	0.2	1.97	8	<10	260	<0.5	4	0.45	<0.5	8	29	22	3.09
ZZ27363		0.52	0.004	0.2	2.38	10	<10	330	0.7	5	0.48	<0.5	10	33	24	3.74
ZZ27364		0.40	0.004	0.2	1.54	4	<10	230	<0.5	4	0.40	<0.5	8	25	18	3.02
ZZ27365		0.62	0.003	<0.2	2.21	5	<10	280	0.6	4	0.41	<0.5	10	34	22	3.35



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ27326		10	1	0.12	30	0.48	588	4	0.02	16	790	25	0.05	<2	5	48
ZZ27327		10	<1	0.11	20	0.54	433	2	0.01	9	830	12	0.03	<2	4	26
ZZ27328		10	1	0.13	30	0.54	2340	3	0.02	9	1580	15	0.08	2	5	50
ZZ27329		10	<1	0.10	60	0.46	571	1	0.02	16	820	14	0.04	<2	9	52
ZZ27330		10	1	0.09	30	0.47	1005	4	0.02	16	850	14	0.03	<2	7	41
ZZ27331		10	<1	0.06	20	0.59	340	2	0.01	18	640	11	0.01	2	6	24
ZZ27332		10	<1	0.06	20	0.56	594	3	0.01	15	550	14	0.01	<2	5	20
ZZ27333		10	1	0.10	50	0.59	966	2	0.02	18	880	15	0.03	<2	10	29
ZZ27334		10	1	0.12	80	0.49	717	2	0.01	18	1090	15	0.08	<2	9	53
ZZ27335		10	<1	0.08	30	0.51	374	2	0.01	10	760	13	0.02	<2	5	24
ZZ27336		10	<1	0.09	10	0.37	320	1	0.01	9	390	14	0.02	<2	2	30
ZZ27337		10	1	0.12	20	0.59	1175	1	0.01	12	710	19	0.02	<2	4	32
ZZ27338		10	1	0.09	10	0.51	393	1	0.01	13	440	13	0.01	<2	4	18
ZZ27339		10	<1	0.10	10	0.61	407	<1	0.01	15	610	13	0.01	<2	5	24
ZZ27340		10	1	0.09	10	0.60	444	1	0.01	13	680	15	0.02	<2	5	18
ZZ27341		10	1	0.05	20	0.26	254	<1	0.02	8	600	9	0.03	<2	1	20
ZZ27342		10	<1	0.10	20	0.68	396	<1	0.01	15	790	12	0.01	<2	7	27
ZZ27343		10	1	0.09	20	0.69	391	<1	0.01	13	860	12	0.01	<2	6	26
ZZ27344		10	<1	0.09	10	0.67	362	<1	0.01	15	710	12	0.01	<2	5	24
ZZ27345		10	1	0.12	10	0.55	472	<1	0.01	10	710	9	0.01	<2	3	16
ZZ27346		10	1	0.15	30	0.62	1025	1	0.02	16	750	21	0.03	2	6	35
ZZ27347		10	<1	0.12	10	0.63	1990	2	0.01	14	720	19	0.02	<2	4	20
ZZ27348		10	1	0.08	10	0.50	651	1	0.01	11	380	13	0.01	<2	4	16
ZZ27349		10	<1	0.06	10	0.29	222	3	0.01	9	250	15	0.01	<2	3	14
ZZ27350		10	1	0.06	10	0.25	597	22	0.01	9	690	27	0.03	12	2	22
ZZ27351		10	<1	0.09	20	0.48	264	3	0.01	9	790	11	0.03	<2	4	18
ZZ27352		10	<1	0.13	20	0.66	1300	4	0.02	8	850	13	0.02	<2	4	25
ZZ27353		<10	1	0.05	20	0.37	211	1	0.01	11	650	9	0.02	<2	2	18
ZZ27354		10	1	0.07	10	0.67	993	1	0.02	22	1490	10	0.01	<2	5	36
ZZ27355		10	<1	0.06	10	0.60	571	1	0.02	18	700	13	0.02	<2	3	38
ZZ27356		10	1	0.04	10	0.36	538	1	0.01	12	690	14	0.01	<2	3	15
ZZ27357		10	<1	0.06	10	0.48	202	1	0.01	13	300	12	0.01	<2	4	14
ZZ27358		10	<1	0.05	10	0.27	316	1	0.01	11	500	11	0.01	<2	2	15
ZZ27359		10	1	0.06	10	0.31	234	3	0.01	11	260	16	0.01	2	3	16
ZZ27360		10	1	0.07	10	0.51	534	1	0.01	15	460	14	0.01	<2	4	25
ZZ27361		10	1	0.10	20	0.72	630	6	0.02	19	670	13	0.02	<2	6	45
ZZ27362		10	<1	0.11	20	0.57	384	9	0.02	14	440	9	0.02	<2	5	40
ZZ27363		10	1	0.10	20	0.72	404	20	0.02	16	870	11	0.02	<2	8	33
ZZ27364		10	1	0.11	20	0.59	680	9	0.02	13	750	8	0.03	<2	4	28
ZZ27365		10	1	0.08	20	0.69	504	7	0.02	18	790	9	0.01	<2	7	26



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ27326		<20	0.06	<10	<10	62	<10	74
ZZ27327		<20	0.09	<10	<10	57	<10	71
ZZ27328		<20	0.08	<10	<10	63	<10	83
ZZ27329		<20	0.06	<10	<10	60	<10	86
ZZ27330		<20	0.05	<10	<10	57	<10	77
ZZ27331		<20	0.10	<10	<10	62	<10	57
ZZ27332		<20	0.09	<10	<10	76	<10	73
ZZ27333		20	0.08	<10	<10	70	<10	79
ZZ27334		<20	0.04	<10	<10	59	<10	94
ZZ27335		<20	0.07	<10	<10	82	<10	69
ZZ27336		<20	0.07	<10	<10	51	<10	65
ZZ27337		<20	0.09	<10	<10	71	<10	79
ZZ27338		<20	0.11	<10	<10	72	<10	65
ZZ27339		<20	0.12	<10	<10	72	<10	69
ZZ27340		<20	0.11	<10	<10	79	<10	64
ZZ27341		<20	0.05	<10	<10	38	<10	33
ZZ27342		<20	0.13	<10	<10	72	<10	66
ZZ27343		<20	0.12	<10	<10	73	<10	67
ZZ27344		<20	0.13	<10	<10	73	<10	69
ZZ27345		<20	0.12	<10	<10	61	<10	53
ZZ27346		<20	0.11	<10	<10	86	<10	72
ZZ27347		<20	0.13	<10	<10	105	<10	84
ZZ27348		<20	0.12	<10	<10	79	<10	64
ZZ27349		<20	0.09	<10	<10	76	<10	43
ZZ27350		<20	0.04	<10	<10	39	<10	61
ZZ27351		<20	0.09	<10	<10	61	<10	69
ZZ27352		<20	0.11	<10	<10	74	<10	89
ZZ27353		<20	0.06	<10	<10	44	<10	41
ZZ27354		<20	0.10	<10	<10	76	<10	100
ZZ27355		<20	0.13	<10	<10	90	<10	79
ZZ27356		<20	0.10	<10	<10	79	<10	47
ZZ27357		<20	0.13	<10	<10	104	<10	41
ZZ27358		<20	0.10	<10	<10	95	<10	53
ZZ27359		<20	0.09	<10	<10	81	<10	46
ZZ27360		<20	0.10	<10	<10	83	<10	63
ZZ27361		<20	0.11	<10	<10	80	<10	90
ZZ27362		<20	0.11	<10	<10	68	<10	73
ZZ27363		<20	0.12	<10	<10	72	<10	72
ZZ27364		<20	0.12	<10	<10	64	<10	71
ZZ27365		<20	0.11	<10	<10	65	<10	67



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ27366		0.48	0.008	<0.2	2.37	11	<10	210	0.5	5	0.34	<0.5	11	36	22	3.98
ZZ27367		0.36	0.004	<0.2	2.15	9	<10	180	0.5	5	0.35	<0.5	11	31	21	3.83
ZZ27368		0.40	0.003	<0.2	1.96	5	<10	250	0.6	9	0.39	<0.5	10	26	29	3.46
ZZ27369		0.34	0.005	<0.2	2.42	8	<10	230	0.6	5	0.39	<0.5	10	36	30	3.36
ZZ27370		0.54	0.003	0.2	2.05	11	<10	330	0.7	5	0.57	<0.5	11	34	29	3.73
ZZ27371		0.44	0.004	0.2	2.07	8	<10	310	0.6	4	0.55	<0.5	12	37	25	3.51
ZZ27372		0.44	0.004	<0.2	1.84	7	<10	240	0.5	4	0.57	<0.5	9	26	13	2.67
ZZ27373		0.50	0.003	<0.2	2.17	8	<10	200	0.5	3	0.40	<0.5	9	33	16	3.12
ZZ27374		0.50	0.004	<0.2	2.28	11	<10	260	0.6	3	0.43	<0.5	11	36	19	3.96
ZZ27375		0.66	0.003	<0.2	1.86	9	<10	160	0.5	4	0.37	<0.5	8	25	12	3.22
ZZ27376		0.32	0.002	<0.2	1.80	13	<10	180	0.5	4	0.38	<0.5	8	16	10	3.63
ZZ27377		0.76	0.003	<0.2	2.08	11	<10	150	0.5	3	0.32	<0.5	8	24	13	3.10
ZZ27378		0.56	0.003	<0.2	2.08	5	<10	160	0.5	3	0.26	<0.5	8	23	12	2.81
ZZ27379		0.64	0.012	<0.2	1.69	6	<10	160	0.5	3	0.38	<0.5	7	25	14	2.79
ZZ27380		0.20	0.005	0.2	1.43	6	<10	140	<0.5	4	0.23	<0.5	4	23	13	1.75
ZZ27381		0.54	0.011	<0.2	1.96	5	<10	180	0.5	3	0.42	<0.5	9	33	20	3.07
ZZ27382		0.52	0.003	<0.2	1.98	8	<10	140	0.5	3	0.37	<0.5	9	27	17	3.11
ZZ27383		0.50	0.004	<0.2	2.02	9	<10	140	0.5	3	0.36	<0.5	11	30	18	3.27
ZZ27384		0.58	0.004	0.2	2.41	9	<10	170	0.6	4	0.34	<0.5	11	26	18	3.46
ZZ27385		0.38	0.003	<0.2	1.24	11	<10	80	<0.5	3	0.14	<0.5	5	13	7	2.44
ZZ27386		0.38	0.003	<0.2	2.58	24	<10	170	0.6	4	0.18	<0.5	12	19	11	4.26
ZZ27387		0.60	0.004	<0.2	2.12	8	<10	180	0.6	4	0.20	<0.5	8	24	16	2.90
ZZ27388		0.42	0.008	<0.2	1.69	12	<10	70	<0.5	2	0.14	<0.5	6	23	13	3.43
ZZ27389		0.50	0.005	<0.2	2.79	14	<10	150	0.6	3	0.28	<0.5	9	33	18	3.47
ZZ27390		0.62	0.005	0.3	2.79	15	<10	190	0.5	4	0.30	<0.5	9	34	19	3.98
ZZ27391		0.56	0.002	0.3	2.64	10	<10	210	0.5	3	0.37	<0.5	10	35	18	3.46
ZZ27392		0.24	<0.001	0.8	4.90	18	<10	350	0.8	4	0.40	<0.5	9	43	22	4.64
ZZ27393		0.48	0.003	0.2	2.16	12	<10	200	0.5	4	0.39	<0.5	10	35	18	3.28
ZZ27394		0.46	0.002	<0.2	2.12	11	<10	160	0.5	4	0.23	<0.5	9	27	16	3.11
ZZ27395		0.44	0.004	0.2	2.59	8	<10	120	0.5	2	0.19	<0.5	10	35	14	3.64
ZZ27396		0.26	0.004	0.3	1.56	10	<10	170	<0.5	4	0.13	<0.5	10	25	14	3.38
ZZ27401		0.44	0.001	<0.2	1.77	<2	<10	380	0.5	<2	0.58	<0.5	9	25	19	3.28
ZZ27402		0.38	0.004	0.2	2.84	8	<10	600	1.0	<2	0.71	<0.5	11	34	24	4.28
ZZ27403		0.28	0.001	<0.2	2.05	7	<10	210	0.6	<2	0.22	<0.5	12	21	14	4.02
ZZ27404		0.26	0.003	0.4	2.36	<2	<10	550	0.9	<2	0.67	<0.5	10	27	21	3.78
ZZ27405		0.48	0.006	0.2	2.45	5	<10	220	0.7	<2	0.28	<0.5	10	29	16	3.85
ZZ27406		0.32	<0.001	0.2	1.77	5	<10	190	<0.5	<2	0.42	<0.5	9	27	16	3.32
ZZ27407		0.34	0.004	0.2	2.10	4	<10	280	0.5	<2	0.45	<0.5	11	31	19	3.44
ZZ27408		0.38	<0.001	0.2	2.06	3	<10	270	0.5	<2	0.40	<0.5	10	29	16	3.37
ZZ27409		0.36	0.008	<0.2	2.04	6	<10	360	0.6	<2	0.44	<0.5	10	26	14	3.57



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		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ27366		10	<1	0.08	10	0.73	561	8	0.02	21	590	11	0.01	<2	5	22
ZZ27367		10	<1	0.09	10	0.71	829	6	0.02	15	840	11	0.01	<2	5	22
ZZ27368		10	1	0.09	20	0.69	902	11	0.01	15	860	14	0.01	<2	6	21
ZZ27369		10	<1	0.08	20	0.65	449	4	0.01	20	740	11	0.01	<2	6	26
ZZ27370		10	<1	0.06	20	0.55	686	5	0.02	16	910	15	0.02	<2	7	36
ZZ27371		10	1	0.07	20	0.57	758	4	0.02	16	970	11	0.02	<2	7	37
ZZ27372		10	<1	0.07	20	0.60	444	1	0.02	13	1070	9	0.04	<2	5	42
ZZ27373		10	<1	0.08	20	0.60	337	<1	0.02	14	930	10	0.02	<2	6	27
ZZ27374		10	1	0.14	20	0.66	402	<1	0.02	16	960	12	0.01	<2	8	30
ZZ27375		10	1	0.14	20	0.67	366	<1	0.01	13	850	15	0.01	<2	5	23
ZZ27376		10	1	0.26	20	0.65	591	<1	0.01	7	1180	12	0.01	2	4	23
ZZ27377		10	1	0.13	20	0.58	346	<1	0.01	11	860	13	0.01	<2	4	18
ZZ27378		10	1	0.09	20	0.52	244	<1	0.01	12	760	12	0.01	<2	4	17
ZZ27379		10	<1	0.10	20	0.58	332	<1	0.01	11	860	14	<0.01	<2	5	23
ZZ27380		10	<1	0.06	10	0.21	250	1	0.01	9	650	10	0.05	<2	1	24
ZZ27381		10	<1	0.10	20	0.67	355	<1	0.02	19	840	9	0.01	<2	6	28
ZZ27382		10	1	0.16	20	0.69	432	<1	0.02	13	920	9	0.01	<2	5	19
ZZ27383		10	1	0.12	20	0.67	507	<1	0.02	16	830	7	0.01	<2	4	19
ZZ27384		10	1	0.18	20	0.66	636	<1	0.02	16	990	13	0.01	<2	5	18
ZZ27385		10	<1	0.09	10	0.34	336	<1	0.01	5	550	16	0.01	<2	2	10
ZZ27386		10	1	0.19	20	0.50	1020	1	0.01	9	760	22	0.01	2	5	12
ZZ27387		10	1	0.10	20	0.44	476	1	0.01	12	610	12	0.02	<2	4	17
ZZ27388		10	1	0.06	10	0.45	326	1	0.01	8	410	13	0.01	<2	3	12
ZZ27389		10	<1	0.09	10	0.60	376	1	0.02	17	690	11	0.01	2	5	22
ZZ27390		10	<1	0.10	20	0.62	337	<1	0.02	15	750	14	0.02	<2	5	23
ZZ27391		10	1	0.10	20	0.64	434	1	0.02	17	800	12	0.01	<2	6	28
ZZ27392		10	1	0.17	10	0.56	339	1	0.02	21	680	22	0.05	<2	8	46
ZZ27393		10	<1	0.08	20	0.64	363	<1	0.02	16	760	11	0.01	<2	6	30
ZZ27394		10	1	0.09	20	0.52	450	1	0.02	13	620	12	0.01	<2	4	19
ZZ27395		10	1	0.07	10	0.55	391	1	0.01	17	510	11	0.01	<2	4	16
ZZ27396		10	1	0.06	10	0.35	619	2	0.01	11	360	13	0.01	<2	3	15
ZZ27401		10	<1	0.14	20	0.65	541	4	0.03	18	530	11	0.01	<2	5	51
ZZ27402		10	1	0.17	30	0.67	781	8	0.03	16	550	16	0.02	<2	7	71
ZZ27403		10	1	0.23	20	0.71	773	6	0.03	11	620	8	<0.01	<2	6	16
ZZ27404		10	<1	0.17	50	0.57	779	14	0.03	13	950	12	0.04	<2	8	63
ZZ27405		10	1	0.10	20	0.55	464	4	0.02	18	600	16	<0.01	<2	5	25
ZZ27406		10	<1	0.08	10	0.67	574	8	0.03	14	710	7	<0.01	<2	4	30
ZZ27407		10	<1	0.07	10	0.68	691	8	0.03	15	730	10	0.01	<2	5	38
ZZ27408		10	<1	0.08	20	0.63	526	4	0.03	14	800	10	0.01	2	6	29
ZZ27409		10	1	0.10	20	0.62	543	7	0.02	12	660	11	<0.01	<2	5	36



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ27366		<20	0.13	<10	<10	80	<10	71
ZZ27367		<20	0.12	<10	<10	77	10	77
ZZ27368		<20	0.11	<10	<10	60	10	75
ZZ27369		<20	0.11	<10	<10	66	<10	66
ZZ27370		<20	0.08	<10	<10	67	<10	67
ZZ27371		<20	0.09	<10	<10	71	<10	62
ZZ27372		<20	0.11	<10	10	59	<10	90
ZZ27373		<20	0.13	<10	<10	69	<10	69
ZZ27374		20	0.15	<10	<10	78	<10	79
ZZ27375		<20	0.13	<10	<10	63	<10	70
ZZ27376		<20	0.13	<10	<10	65	<10	87
ZZ27377		<20	0.11	<10	<10	61	<10	61
ZZ27378		<20	0.08	<10	<10	56	<10	58
ZZ27379		<20	0.11	<10	<10	56	<10	62
ZZ27380		<20	0.06	<10	<10	42	<10	35
ZZ27381		<20	0.15	<10	<10	68	<10	62
ZZ27382		<20	0.16	<10	<10	69	<10	60
ZZ27383		<20	0.16	<10	<10	73	<10	59
ZZ27384		<20	0.14	<10	<10	68	<10	67
ZZ27385		<20	0.07	<10	<10	55	<10	46
ZZ27386		<20	0.08	<10	<10	71	<10	60
ZZ27387		<20	0.09	<10	<10	60	<10	48
ZZ27388		<20	0.15	<10	<10	90	<10	44
ZZ27389		<20	0.13	<10	<10	76	<10	56
ZZ27390		<20	0.12	<10	<10	77	<10	70
ZZ27391		<20	0.11	<10	<10	68	<10	66
ZZ27392		<20	0.10	<10	<10	99	<10	81
ZZ27393		<20	0.13	<10	<10	71	<10	64
ZZ27394		<20	0.10	<10	<10	60	<10	57
ZZ27395		<20	0.12	<10	<10	76	<10	57
ZZ27396		<20	0.11	<10	<10	86	<10	51
ZZ27401		<20	0.13	<10	<10	66	<10	72
ZZ27402		<20	0.10	<10	<10	88	<10	83
ZZ27403		<20	0.14	<10	<10	74	<10	83
ZZ27404		<20	0.08	<10	<10	67	<10	78
ZZ27405		<20	0.08	<10	<10	69	<10	70
ZZ27406		<20	0.15	<10	<10	73	<10	69
ZZ27407		<20	0.11	<10	<10	74	<10	65
ZZ27408		<20	0.10	<10	<10	65	<10	71
ZZ27409		<20	0.10	<10	<10	68	<10	71



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ27410		0.26	0.007	0.6	3.80	7	<10	610	1.1	<2	0.66	<0.5	11	47	38	4.69
ZZ27411		0.28	0.004	<0.2	2.46	6	<10	210	0.5	<2	0.27	<0.5	10	35	19	3.85
ZZ27412		0.46	0.003	<0.2	1.85	4	<10	260	<0.5	<2	0.32	<0.5	8	26	12	3.32
ZZ27413		0.36	0.003	0.3	1.74	3	<10	100	<0.5	<2	0.10	<0.5	5	17	13	3.78
ZZ27414		0.46	0.002	<0.2	2.20	4	<10	320	0.5	<2	0.36	<0.5	9	27	17	3.62
ZZ27415		0.40	0.002	<0.2	2.28	6	<10	330	0.6	<2	0.27	<0.5	8	30	16	3.63
ZZ27416		0.34	0.005	0.4	2.11	4	<10	510	0.7	<2	1.03	<0.5	11	22	18	3.17
ZZ27417		0.40	0.002	<0.2	2.75	3	<10	240	0.7	<2	0.18	<0.5	12	23	12	4.18
ZZ27418		0.44	0.005	0.4	1.79	<2	<10	330	0.8	<2	0.56	<0.5	9	21	16	3.03
ZZ27419		0.42	0.004	0.3	1.85	2	<10	320	0.6	2	0.40	<0.5	8	24	17	3.21
ZZ27420		0.28	0.004	0.3	1.76	4	<10	310	0.6	<2	0.41	<0.5	8	23	15	3.10
ZZ27421		0.26	0.006	0.4	1.76	<2	<10	320	0.5	<2	0.52	<0.5	14	23	14	2.74
ZZ27422		0.32	0.002	0.2	1.76	4	<10	240	0.6	2	0.26	<0.5	8	19	12	3.12
ZZ27423		0.40	0.026	0.3	1.92	<2	<10	260	0.7	<2	0.49	<0.5	7	26	17	2.99
ZZ27424		0.34	0.003	<0.2	1.92	8	<10	190	0.5	<2	0.39	<0.5	9	25	17	3.28
ZZ27425		0.34	0.005	<0.2	2.07	5	<10	170	0.5	<2	0.34	<0.5	9	26	17	3.10
ZZ27426		0.40	0.003	0.2	2.15	8	<10	170	0.5	<2	0.37	<0.5	9	27	17	3.25
ZZ27427		0.34	0.004	<0.2	1.91	7	<10	180	0.5	<2	0.35	<0.5	8	28	17	3.06
ZZ27428		0.32	0.002	<0.2	2.36	9	<10	140	0.5	<2	0.21	<0.5	9	31	21	3.77
ZZ27429		0.40	0.002	<0.2	2.67	10	<10	180	0.7	<2	0.21	<0.5	9	26	14	3.67
ZZ27430		0.26	0.002	<0.2	2.04	7	<10	150	0.5	<2	0.22	<0.5	7	30	17	3.51
ZZ27431		0.46	0.009	0.3	1.62	24	<10	180	<0.5	<2	0.48	<0.5	7	28	21	2.92
ZZ27432		0.36	0.004	0.2	1.92	8	<10	220	0.5	<2	0.30	<0.5	7	31	18	2.87
ZZ27433		0.30	0.003	<0.2	1.89	2	<10	160	0.6	<2	0.19	<0.5	8	26	15	3.04
ZZ27434		0.32	0.003	<0.2	2.02	4	<10	140	0.5	<2	0.18	<0.5	7	25	11	2.85
ZZ27435		0.30	0.005	<0.2	1.85	5	<10	200	0.6	<2	0.25	<0.5	7	33	20	2.37
ZZ27436		0.42	0.003	<0.2	2.03	3	<10	200	0.6	<2	0.32	<0.5	9	35	23	2.87
ZZ27437		0.26	0.001	0.2	1.17	14	<10	220	0.7	2	0.25	<0.5	7	16	53	2.18
ZZ27438		0.34	0.003	0.4	1.46	9	<10	180	0.6	2	0.39	<0.5	8	28	58	2.31
ZZ27461		0.40	0.003	0.2	2.06	7	<10	300	0.7	2	0.35	<0.5	11	27	25	3.41
ZZ27462		0.44	0.003	0.2	1.65	5	<10	280	0.9	2	0.32	<0.5	11	16	23	4.07
ZZ27463		0.34	0.004	0.2	2.40	7	<10	170	0.6	2	0.25	<0.5	10	30	22	3.09
ZZ27464		0.30	0.004	0.2	2.22	7	<10	170	0.7	2	0.18	<0.5	10	27	24	3.42
ZZ27465		0.40	0.004	0.2	2.15	7	<10	240	0.5	2	0.39	<0.5	10	35	25	3.39
ZZ27466		0.42	0.023	0.2	2.07	5	<10	270	0.5	<2	0.51	<0.5	10	31	22	3.18
ZZ27467		0.30	0.004	0.2	1.24	8	<10	140	<0.5	2	0.32	<0.5	8	19	10	2.97
ZZ27468		0.38	0.006	0.2	2.35	8	<10	380	0.7	<2	0.57	<0.5	14	29	16	3.80
ZZ27469		0.28	0.004	0.3	2.00	8	<10	250	0.5	2	0.44	<0.5	8	34	16	3.03
ZZ27470		0.28	0.001	<0.2	1.00	6	<10	110	<0.5	3	0.23	<0.5	5	15	7	2.21
ZZ27471		0.20	0.003	<0.2	0.68	2	<10	90	<0.5	<2	0.10	<0.5	2	11	11	1.01



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ27410		10	1	0.14	40	0.65	732	8	0.03	23	1100	15	0.06	<2	12	61
ZZ27411		10	1	0.09	10	0.69	475	3	0.03	23	470	10	<0.01	2	5	24
ZZ27412		10	1	0.10	10	0.64	468	8	0.03	13	380	8	<0.01	<2	4	29
ZZ27413		10	<1	0.09	10	0.31	286	19	0.02	8	400	13	0.01	<2	3	13
ZZ27414		10	1	0.09	20	0.65	474	7	0.03	14	510	10	<0.01	<2	5	31
ZZ27415		10	<1	0.07	30	0.56	351	4	0.03	14	430	10	<0.01	2	6	28
ZZ27416		10	1	0.14	40	0.54	1085	7	0.03	13	790	10	0.04	2	7	79
ZZ27417		10	1	0.24	10	0.75	993	2	0.03	15	630	8	<0.01	<2	5	15
ZZ27418		10	1	0.12	40	0.51	816	10	0.03	12	700	11	0.03	<2	5	51
ZZ27419		10	1	0.09	40	0.51	623	4	0.03	12	840	12	0.05	<2	4	36
ZZ27420		10	<1	0.11	30	0.53	687	4	0.02	12	720	10	0.03	<2	4	34
ZZ27421		10	1	0.09	30	0.51	1605	3	0.03	13	720	12	0.04	<2	4	45
ZZ27422		10	<1	0.14	30	0.51	549	1	0.03	9	620	12	<0.01	<2	5	21
ZZ27423		10	1	0.10	30	0.54	492	1	0.03	14	690	10	0.03	2	4	39
ZZ27424		10	<1	0.12	20	0.68	435	<1	0.03	11	900	12	<0.01	<2	5	25
ZZ27425		10	<1	0.11	20	0.63	451	<1	0.03	12	920	9	<0.01	<2	4	22
ZZ27426		10	<1	0.11	20	0.66	379	<1	0.03	13	840	11	<0.01	2	5	26
ZZ27427		10	1	0.11	20	0.62	446	<1	0.03	14	730	9	<0.01	<2	5	26
ZZ27428		10	<1	0.08	10	0.55	347	1	<0.01	23	450	15	0.01	<2	4	17
ZZ27429		10	<1	0.11	20	0.55	437	1	<0.01	14	560	12	0.01	<2	5	15
ZZ27430		10	1	0.10	10	0.57	373	3	0.02	18	410	15	<0.01	3	4	19
ZZ27431		10	1	0.06	10	0.51	255	6	0.03	13	620	12	<0.01	<2	4	31
ZZ27432		10	1	0.06	10	0.46	189	6	0.03	13	490	17	0.01	2	4	24
ZZ27433		10	1	0.07	10	0.41	582	2	0.02	12	600	16	0.01	<2	3	17
ZZ27434		10	1	0.05	10	0.41	237	2	0.02	13	440	11	<0.01	<2	3	16
ZZ27435		10	<1	0.05	20	0.51	175	<1	0.02	18	360	14	<0.01	<2	5	23
ZZ27436		10	1	0.06	20	0.57	370	1	0.02	21	550	10	<0.01	<2	6	23
ZZ27437		<10	<1	0.08	10	0.22	529	41	0.03	12	460	26	0.01	9	2	22
ZZ27438		<10	<1	0.06	20	0.43	419	30	0.04	15	580	15	0.01	3	5	27
ZZ27461		10	<1	0.12	30	0.66	628	5	0.04	14	750	11	0.01	<2	7	23
ZZ27462		<10	1	0.17	30	0.33	909	15	0.03	9	920	15	0.02	<2	6	24
ZZ27463		10	<1	0.09	10	0.55	473	2	0.03	19	590	9	0.01	<2	4	19
ZZ27464		10	<1	0.07	10	0.40	556	5	0.03	14	530	14	0.01	<2	4	18
ZZ27465		10	<1	0.10	20	0.62	622	3	0.04	17	780	11	0.01	<2	6	28
ZZ27466		10	<1	0.08	20	0.63	461	2	0.03	16	780	10	0.01	<2	7	36
ZZ27467		10	<1	0.10	20	0.45	708	2	0.03	7	500	10	0.02	2	4	28
ZZ27468		10	<1	0.10	20	0.63	1050	2	0.03	15	940	10	0.02	<2	8	49
ZZ27469		10	<1	0.08	20	0.64	360	1	0.03	17	550	13	0.02	<2	4	40
ZZ27470		10	<1	0.09	10	0.26	284	1	0.03	6	270	10	<0.01	<2	2	25
ZZ27471		10	<1	0.04	10	0.08	96	1	0.03	4	350	9	0.01	<2	1	16



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		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ27410		<20	0.07	<10	<10	84	<10	90
ZZ27411		<20	0.11	<10	<10	76	<10	67
ZZ27412		<20	0.12	<10	<10	74	<10	66
ZZ27413		<20	0.10	<10	<10	101	<10	51
ZZ27414		<20	0.11	<10	<10	77	<10	63
ZZ27415		<20	0.11	<10	<10	83	<10	60
ZZ27416		<20	0.06	<10	<10	62	<10	70
ZZ27417		<20	0.14	<10	<10	73	<10	83
ZZ27418		<20	0.08	<10	<10	53	<10	79
ZZ27419		<20	0.07	<10	<10	55	<10	66
ZZ27420		<20	0.08	<10	<10	60	<10	75
ZZ27421		<20	0.07	<10	<10	53	<10	71
ZZ27422		<20	0.09	<10	<10	55	<10	72
ZZ27423		<20	0.09	<10	<10	61	<10	67
ZZ27424		<20	0.14	<10	<10	69	<10	67
ZZ27425		<20	0.13	<10	<10	64	<10	62
ZZ27426		<20	0.13	<10	<10	67	<10	64
ZZ27427		<20	0.12	<10	<10	64	<10	60
ZZ27428		<20	0.12	<10	<10	80	<10	65
ZZ27429		<20	0.10	<10	<10	70	<10	64
ZZ27430		<20	0.10	<10	<10	70	<10	64
ZZ27431		<20	0.09	<10	<10	57	<10	69
ZZ27432		<20	0.06	<10	<10	58	<10	56
ZZ27433		<20	0.04	<10	<10	55	<10	64
ZZ27434		<20	0.06	<10	<10	55	<10	47
ZZ27435		<20	0.09	<10	<10	57	<10	48
ZZ27436		<20	0.10	<10	<10	60	<10	52
ZZ27437		<20	0.02	<10	<10	36	<10	52
ZZ27438		<20	0.07	<10	<10	47	<10	61
ZZ27461		<20	0.10	<10	<10	62	<10	71
ZZ27462		<20	0.05	<10	<10	57	<10	80
ZZ27463		<20	0.09	<10	<10	62	<10	55
ZZ27464		<20	0.07	<10	<10	69	<10	58
ZZ27465		<20	0.11	<10	<10	67	<10	70
ZZ27466		<20	0.11	<10	<10	64	<10	66
ZZ27467		<20	0.09	<10	<10	67	<10	66
ZZ27468		<20	0.06	<10	<10	68	<10	73
ZZ27469		<20	0.09	<10	<10	62	<10	63
ZZ27470		<20	0.06	<10	<10	53	<10	46
ZZ27471		<20	0.06	<10	<10	30	<10	14



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ27472		0.34	0.003	0.2	1.80	11	<10	110	<0.5	<2	0.16	<0.5	9	17	11	3.72
ZZ27473		0.30	0.004	0.5	1.96	5	<10	350	0.6	<2	0.87	<0.5	9	23	18	2.57
ZZ27474		0.26	0.004	<0.2	1.30	5	<10	130	<0.5	2	0.20	<0.5	4	18	6	2.03
ZZ27475		0.32	0.002	<0.2	1.80	8	<10	210	<0.5	<2	0.26	<0.5	7	23	10	2.92
ZZ27476		0.22	0.002	0.2	2.42	9	<10	170	<0.5	<2	0.30	<0.5	9	31	13	3.66
ZZ27477		0.36	0.003	<0.2	2.43	9	<10	190	<0.5	<2	0.30	<0.5	12	35	16	3.46
ZZ27478		0.26	0.004	0.3	2.05	8	<10	230	<0.5	2	0.30	<0.5	9	28	15	3.10
ZZ27479		0.26	0.003	<0.2	1.24	8	<10	70	<0.5	<2	0.13	<0.5	5	20	10	2.71
ZZ27480		0.28	0.002	<0.2	1.20	5	<10	70	<0.5	<2	0.13	<0.5	5	16	8	2.29
ZZ27491		0.28	0.002	<0.2	2.41	10	<10	80	<0.5	3	0.14	<0.5	8	28	18	4.65
ZZ27492		0.32	0.003	<0.2	3.33	15	<10	150	0.7	3	0.11	<0.5	14	33	22	4.06
ZZ27493		0.32	0.003	<0.2	1.33	5	<10	220	<0.5	<2	0.20	<0.5	4	18	10	2.27
ZZ27494		0.24	0.005	0.3	2.99	9	<10	1000	2.1	<2	0.40	<0.5	11	30	37	4.02
ZZ27495		0.28	0.002	<0.2	2.39	10	<10	340	0.8	<2	0.23	<0.5	8	31	14	3.61
ZZ27496		0.32	0.002	<0.2	2.68	10	<10	90	0.5	3	0.14	<0.5	10	34	13	3.66
ZZ27497		0.24	0.002	0.2	1.35	10	<10	60	<0.5	2	0.10	<0.5	5	23	12	3.47
ZZ27498		0.34	0.003	0.2	1.97	7	<10	250	0.5	2	0.42	<0.5	11	31	22	3.13
ZZ27499		0.24	0.004	0.2	2.64	7	<10	410	0.6	2	0.41	<0.5	11	39	24	3.88
ZZ27500		0.24	0.003	<0.2	1.37	7	<10	110	<0.5	3	0.19	<0.5	6	22	11	2.60



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To: ARCHER, CATHRO AND ASSOCIATES (1981)
 LIMITED
 1016- 510 W HASTINGS ST
 VANCOUVER BC V6B 1L8

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CERTIFICATE OF ANALYSIS WH11167596

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm	ME- ICP41 Hg ppm	ME- ICP41 K %	ME- ICP41 La ppm	ME- ICP41 Mg %	ME- ICP41 Mn ppm	ME- ICP41 Mo ppm	ME- ICP41 Na %	ME- ICP41 Ni ppm	ME- ICP41 P ppm	ME- ICP41 Pb ppm	ME- ICP41 S %	ME- ICP41 Sb ppm	ME- ICP41 Sc ppm	ME- ICP41 Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
ZZ27472		10	<1	0.13	20	0.52	625	3	0.03	10	720	10	0.01	<2	5	13
ZZ27473		10	<1	0.12	50	0.47	921	1	0.03	12	1020	7	0.06	<2	6	60
ZZ27474		10	<1	0.06	10	0.39	178	<1	0.03	7	110	8	<0.01	<2	3	20
ZZ27475		10	<1	0.07	10	0.43	302	1	0.03	11	260	11	0.01	<2	4	24
ZZ27476		10	<1	0.08	10	0.69	414	1	0.03	17	420	9	0.01	<2	4	25
ZZ27477		10	<1	0.10	10	0.62	616	1	0.04	20	530	8	0.01	<2	4	24
ZZ27478		10	<1	0.08	10	0.52	712	1	0.03	14	660	9	0.01	<2	5	25
ZZ27479		10	<1	0.09	10	0.34	321	1	0.03	8	460	9	0.01	<2	3	16
ZZ27480		10	<1	0.06	10	0.33	286	1	0.03	6	500	9	0.02	<2	2	14
ZZ27491		10	<1	0.13	10	0.71	519	6	0.03	10	440	10	0.01	<2	5	16
ZZ27492		10	<1	0.09	10	0.53	527	3	0.03	22	490	13	0.01	<2	6	13
ZZ27493		10	<1	0.06	10	0.29	162	2	0.03	8	230	9	0.01	<2	3	23
ZZ27494		10	1	0.11	80	0.36	825	3	0.03	16	490	17	0.01	2	10	42
ZZ27495		10	<1	0.08	10	0.52	334	1	0.03	18	260	14	<0.01	<2	5	23
ZZ27496		10	<1	0.06	10	0.50	380	1	0.03	19	440	9	0.01	<2	4	14
ZZ27497		10	<1	0.06	10	0.31	234	2	0.04	8	440	8	0.02	<2	3	13
ZZ27498		10	<1	0.10	30	0.65	509	1	0.04	18	960	7	0.01	<2	7	28
ZZ27499		10	<1	0.11	30	0.58	835	2	0.03	19	580	11	0.03	<2	9	39
ZZ27500		10	<1	0.08	10	0.38	260	2	0.03	10	310	9	0.01	<2	3	20



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CERTIFICATE OF ANALYSIS WH11167596

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ27472		<20	0.09	<10	<10	67	<10	74
ZZ27473		<20	0.08	<10	<10	52	<10	59
ZZ27474		<20	0.09	<10	<10	57	<10	40
ZZ27475		<20	0.04	<10	<10	61	<10	46
ZZ27476		<20	0.14	<10	<10	80	<10	66
ZZ27477		<20	0.11	<10	<10	72	<10	65
ZZ27478		<20	0.10	<10	<10	73	<10	58
ZZ27479		<20	0.12	<10	<10	76	<10	44
ZZ27480		<20	0.10	<10	<10	61	<10	39
ZZ27491		<20	0.21	<10	<10	103	10	68
ZZ27492		<20	0.06	<10	<10	73	<10	70
ZZ27493		<20	0.09	<10	<10	59	<10	33
ZZ27494		20	0.02	<10	<10	67	<10	54
ZZ27495		<20	0.07	<10	<10	71	<10	55
ZZ27496		<20	0.11	<10	<10	76	<10	50
ZZ27497		<20	0.13	<10	<10	89	<10	41
ZZ27498		<20	0.13	<10	<10	66	<10	65
ZZ27499		<20	0.10	<10	<10	80	<10	71
ZZ27500		<20	0.12	<10	<10	75	<10	47

Statement of Expenditures
MMM 1-120 Mineral Claims
March 21, 2012



Labour

H. Smith (geologist) February 2012 – 1 day @ \$720/day	\$ 806.40
A. Mitchell (geologist) February 2012 – 21 hours @ \$62/hour	1,458.24
E. Jacobsen (field assistant) August 2011 – 4 days @ \$408/day	1,827.84
D. Bailey (field assistant) August 2011 – 4 days @ \$376/day	1,684.48
T. Locks (field assistant) August 2011 – 4 days @ \$360/day	<u>1,612.80</u>
	7,389.76

Expenses (including management fee)

Field room and board – 12 mandays @ \$150/manday	2,177.28
Capital Helicopters – 7 hours @ \$1300/hour including fuel	10,032.75
ALS Chemex	<u>5,701.04</u>
	17,911.07

Total \$25,300.83