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ASSESSMENT REPORT

describing

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

at the

MC PROPERTY

MC 1-12 YC73920-YC73931

NTS 105G/16

Latitude 61°46'17"N; Longitude 130°16'34"W

located in the

Watson Lake Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

STRATEGIC METALS LTD.

by

Dan Gregory, B.Sc. Geology, GIT
January 2010

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INTRODUCTION

The MC property was staked in September 2008 following a research study, which identified silver-lead-zinc targets within the Finlayson Lake area of the Yukon Territory. The property is owned 100% by Strategic Metals Ltd.

This report describes work conducted between July 5 and 12, 2009 by Archer, Cathro & Associates (1981) Limited on behalf of Strategic. The work consisted of geological mapping, prospecting, soil sampling and hand trenching. It was completed by a crew of two people from a helicopter-supported camp on the property. The author participated in and supervised the program. Appendix I contains the author's Statement of Qualifications.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The MC property is located in southeastern Yukon at latitude 61°46'17" north and longitude 130°16'34" west on NTS mapsheet 105 G/16 (Figure 1). The claims are registered with the Watson Lake Mining Recorder in the name of Archer Cathro which holds them in trust for Strategic. Claim registration data is listed below while locations of individual claims are shown on Figure 2.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
MC 1-12	YC73920-YC73931	March 23, 2014

* Expiry date includes 2009 work that has been filed for assessment credit but not yet accepted.

The MC claims lie approximately 279 km east-northeast of Whitehorse and 116 km east-southeast of Ross River. The closest road is the Robert Campbell Highway, 17 km south of the property. McEvoy Lake, which lies 1.5 km north of the property, is suitable for float equipped aircraft and an airstrip, which services a fishing lodge on the northeast side of the lake (6 km northeast of the property), is suitable for, wheel equipped aircraft. A winter road on the south side of McEvoy Lake passes 1 km north of the property. This road could be used if heavy equipment is required at the property.

In 2009, the property was accessed by a Hughes 500C helicopter operated by Kluane Airways from a seasonal base at the Inconnu Lodge on the northeast side of McEvoy Lake.

HISTORY

The area underlain by the MC claims was first staked in 1972 as the Irene claims by a private prospector. After performing reconnaissance level geochemical sampling he optioned the property to Vestor Explorations Ltd. In 1973 Vestor completed grid soil sampling and geological mapping to better define the extent of the known mineralization (Lee, 1973). The claims were then sold to Mountaineer Mines Ltd., which performed mapping and soil sampling programs in 1976, 1977 and 1978 (Ikona and Darney, 1976, Ikona and Yeager, 1977 and Ralfs, 1978).

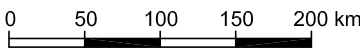
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FIGURE 1

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

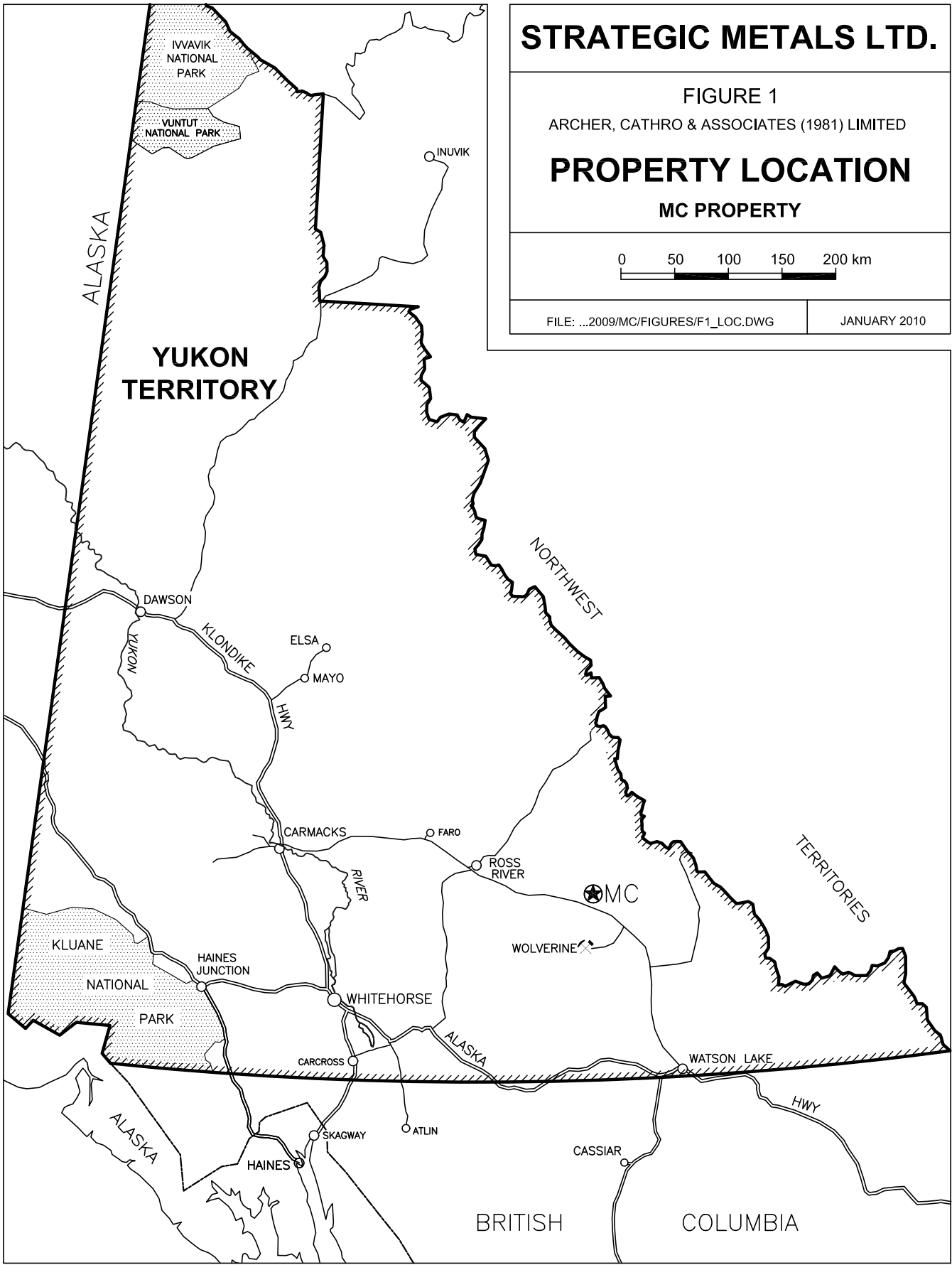
PROPERTY LOCATION

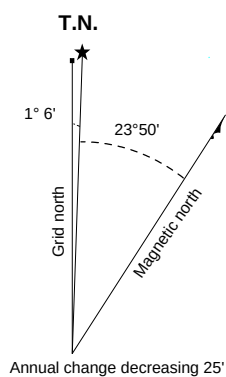
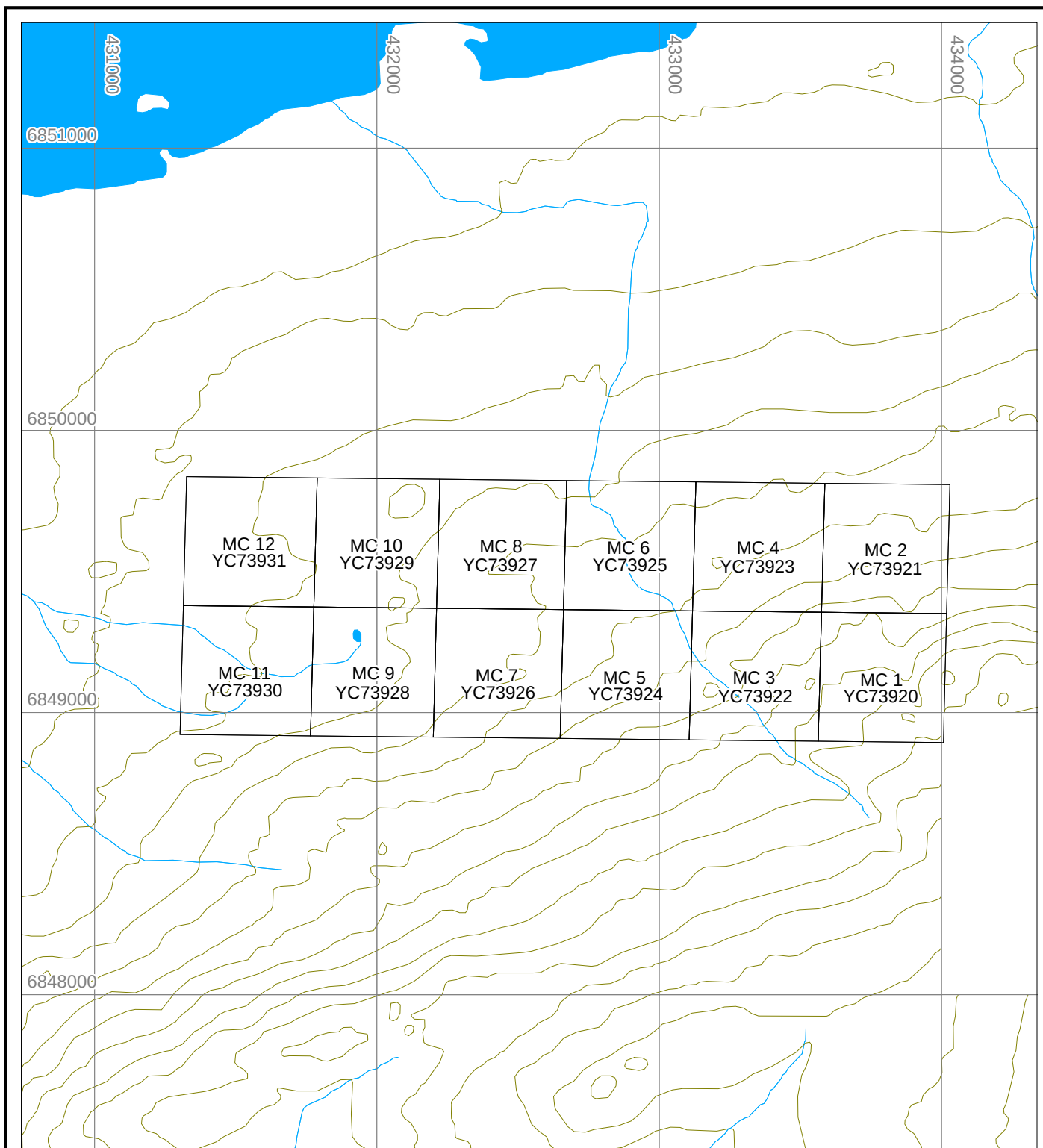
MC PROPERTY



FILE: ...2009/MC/FIGURES/F1_LOC.DWG

JANUARY 2010





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FIGURE 2
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
CLAIM LOCATION
 MC PROPERTY

0  1.5 km

UTM Zone 9, NAD83, NTS sheet 105 G/16

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DATE: JANUARY 2010

GEOMORPHOLOGY

The MC property lies 1.5 km south of McEvoy Lake. Creeks draining the property flow into McEvoy Lake, which ultimately connects to the Arctic Ocean via McEvoy Creek and the Finlayson, Frances, Liard and Mackenzie Rivers.

Topography is gentle, with elevations ranging from 1070 to 1340 m above sea level. Vegetation comprises thick stands of spruce and patches of arctic black birch. Outcrop is rare on the property.

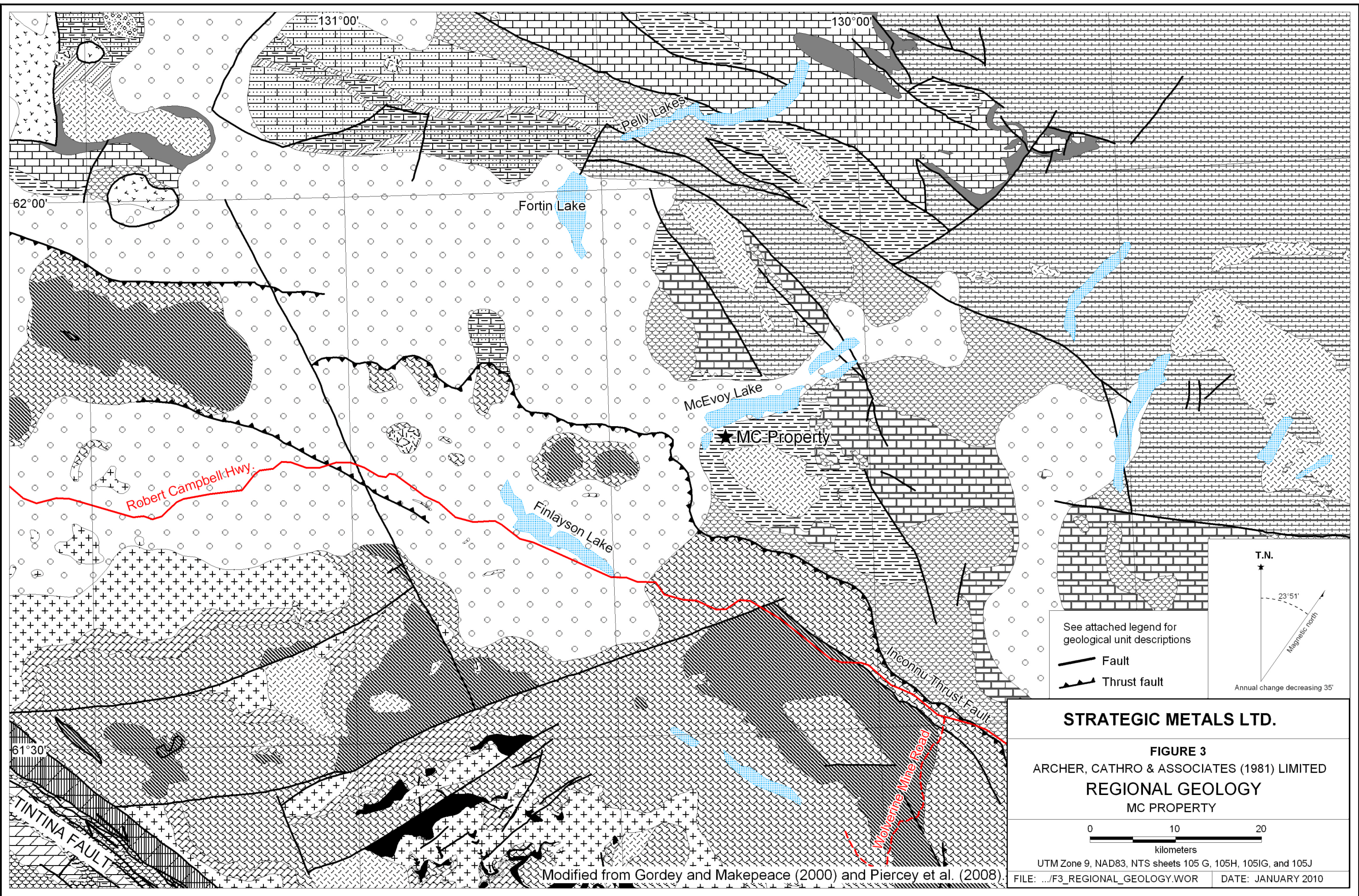
REGIONAL GEOLOGY

The McEvoy Lake area is located approximately 80 km northeast of Tintina Fault, a major transcurrent structure, and 6 km northeast of the Inconnu Fault, a regional-scale feature that juxtaposed autochthonous rocks to the northeast against allochthonous rocks to the southwest (Figure 3). The area is underlain by relatively unmetamorphosed Selwyn Basin stratigraphy. Selwyn Basin is a large, elongate sedimentary trough that occupies the western margin of ancestral North America. Rocks of the Selwyn Basin represent the complete sedimentary architecture of an intracratonic rift. This includes a Late Proterozoic syn-rift clastic sequence of mostly oxidized and locally derived coarse and fine grained clastic rocks, and a Paleozoic post-rift basinal sedimentary sequence of mostly black and carbonaceous shale and chert (Goodfellow, 2007). The basinal successions merge into platform strata of the Mackenzie Platform on the northeastern margin of the basin.

The following unit descriptions are largely summarized from Murphy (1997).

The Hyland Group is the oldest exposed unit of Selwyn Basin. It consists of thick turbidite deposits that are intruded by Cambrian mafic sills. The Hyland Group is overlain by a thin, basal, discontinuous limestone conglomerate and a dominant, fine clastic assemblage of the Gull Lake Formation. Basinal silty limestone of the Rabbitkettle Formation unconformably overlies the Gull Lake Formation and grades southward and westward into the Kechika Group of northern B.C. The Rabbitkettle Formation is in turn overlain by the Ordovician to Silurian Road River Group, which includes black shale, chert and limestone. Shallow water siltstone, carbonate and quartzite of the Silurian to Devonian McEvoy Platform occur in the McEvoy Lake area (S. Gordey, pers. comm. in Murphy *et al.*, 2002) but its relationship to the stratigraphically lower Road River Group is unknown. The overlying Devonian to Mississippian Earn Group is characterized primarily by black siliceous shale, chert, and chert-pebble conglomerate. It has a complex internal stratigraphy and is interpreted to have been deposited in restricted, deep marine basins disrupted by tensional or transtensional rifts (Gordey *et al.*, 1991). Clastic rocks and carbonates of the Tay, Mount Christie, and Jones Creek Formations overlie the Earn Group (Murphy, 1997 and Murphy *et al.*, 2002).

The pericratonic rocks of the Yukon-Tanana Terrane and the oceanic rocks of the Slide Mountain Terrane are juxtaposed against rocks of the North American continental margin sequence along the post-Late Triassic Inconnu Thrust Fault (Murphy *et al.*, 2006). The Yukon-Tanana and Slide Mountain terranes represent a continental arc and back-arc basin sequence that



LEGEND (Figure 3, modified from Gordey and Makepeace, 2000)

INTRUSIVE ROCKS

Mid-Cretaceous

Selwyn Suite

 equiangular to porphyritic (K-feldspar), intermediate to felsic plutonic rocks, rarely syenitic.

Late Devonian to Mississippian

Pelly Gneiss Suite

 deformed granitic rocks, mostly felsic to intermediate composition.

Proterozoic and Paleozoic

Amphibolite Suite

 metamorphosed mafic rocks including amphibolite and ultramafic rocks.

LAYERED ROCKS

Quaternary

 unconsolidated glacial, fluvial, soil, and organic deposits.

Lower Tertiary, most (?) Eocene

Ross Formation

 basalt, rhyolite and terrestrial clastics, minor scattered rhyolitic dykes.

Mid-Cretaceous

South Fork Volcanics

 massive, locally columnar jointed, biotite-quartz-hornblende-feldspar crystal-lithic tuff.

Lower Cretaceous

Sharp Mountain Formation

 fine and coarse clastic assemblage deposited in foredeep of Cordilleran orogen.

Upper Triassic

 synorogenic clastics, resistant, massive poorly sorted conglomerate with pebble to cobble size clasts.

Middle to Upper Triassic

Jones Lake Formation

 calcareous fine grained clastics with cross-lamination and bioturbation.

Carboniferous and Permian

Anvil assemblage

 dominantly oceanic assemblage of mafic volcanics, ultramafics, chert, pelite, limestone, and gabbroic rocks.

Carboniferous to Permian

Mount Christie Formation

 interbedded shale/cherty shale, black siliceous slate and siltstone, minor quartzite and carbonate.

Mississippian

Tay Formation

 mixed, generally fine clastic and carbonate assemblage.

Devonian and Mississippian

Earn Group

 black siliceous shale/chert with chert-pebble conglomerate, bedded barite.

Devonian, Mississippian and (?) older

Nasina assemblage

 graphitic quartzite, muscovite-quartz schist, and biotite schist/gneiss with interspersed marble.

Middle Silurian to Middle Devonian

Askin Group

 platy dolomitic siltstone overlain by dolostone and orthoquartzite with rare volcanic rocks.

Silurian to Middle Devonian

McEvoy Platform

 buff, platy siltstone overlain by carbonate and quartzite.

Ordovician to Lower Devonian

Road River Group

 thinly bedded, black shale and chert overlain by siltstone or platy limestone.

Cambrian to Devonian or younger

St. Cyr assemblage

 poorly defined, fine clastic and carbonate assemblage.

Upper Cambrian and Ordovician

Rabbitkettle Formation

 basinal limestone with local older or younger basinal pelitic strata.

Upper Cambrian and Lower Ordovician

Kechika Formation

 basinal fine grained calcareous pelitic strata with locally intercalated mafic volcanic rocks.

Lower Cambrian

Gull Lake Formation

 fine clastic assemblage with local mafic metavolcanic and volcanoclastic rocks, siltstone and argillite.

Upper Proterozoic to Lower Cambrian

Hyland Group

 coarse turbiditic clastics, limestone, fine clastics, and scattered mafic volcanic rocks.

Late Proterozoic and Paleozoic

Nisling assemblage

 mica-quartz-feldspar schist and abundant, locally thick limestone sequences.

developed along the ancient Pacific margin of North America during the late Devonian and through the Permian (Piercey *et al.*, 2006). Rocks of the Yukon-Tanana and Slide Mountain terranes in the McEvoy Lake area are characterized by variably deformed, and metamorphosed, lower greenschist to amphibolite facies metasedimentary and metavolcanic rocks and affiliated metaplutonic suites.

Massive, poorly stratified crystal-lithic tuff of the Cretaceous South Fork Volcanics occurs west of Fortin Lake, about 28 km northwest of the property. Lithic clasts within the tuff, which include blocks of Silurian dolostone, suggest that the volcanic rocks erupted through rocks of the McEvoy Platform (Murphy *et al.*, 2002). Granitic intrusions of the Mid-Cretaceous Selwyn Suite are common in the McEvoy Lake area and are found on both sides of the Inconnu Thrust Fault.

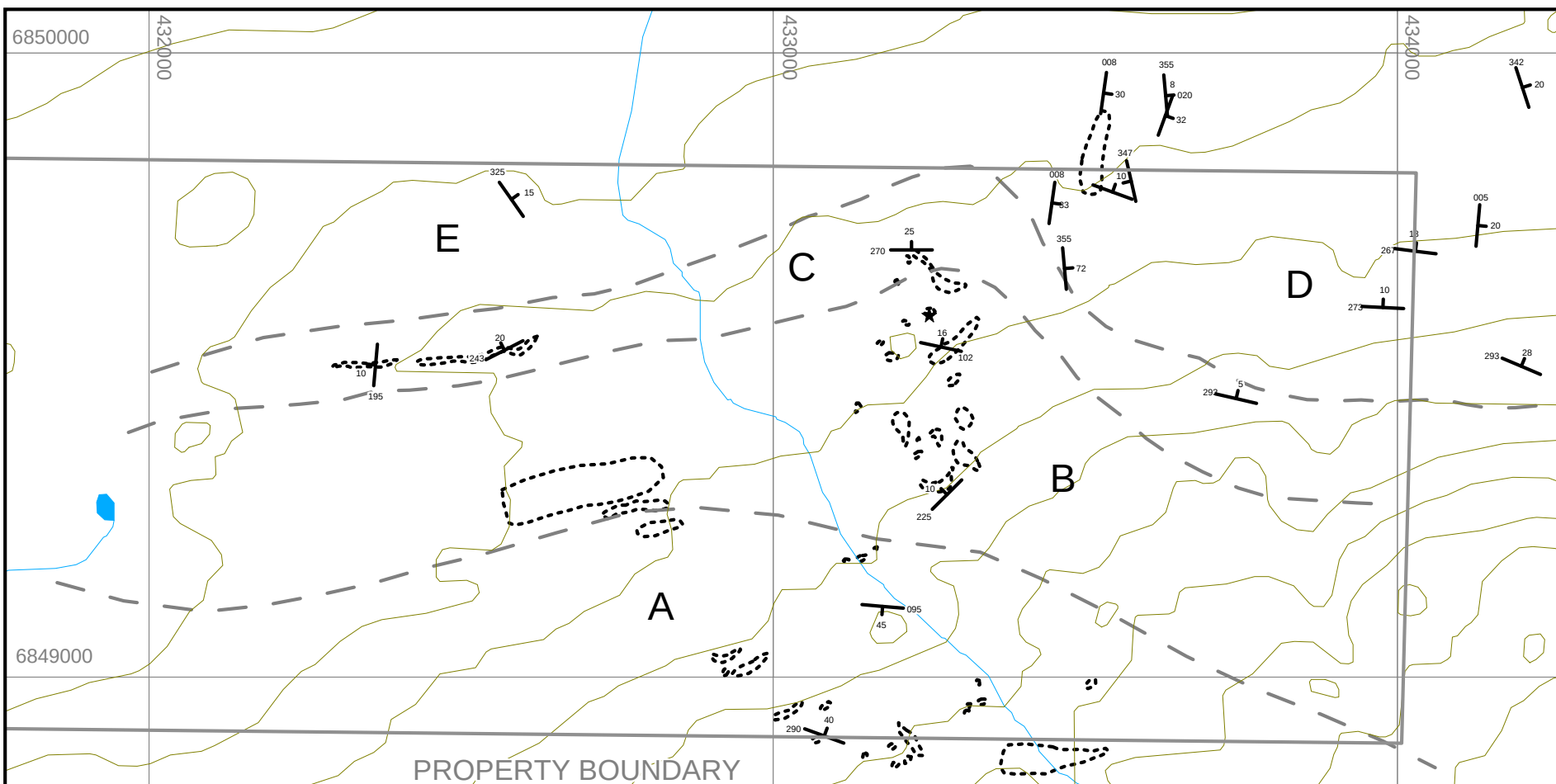
PROPERTY GEOLOGY

Geological mapping on the MC property was hindered by a lack of bedrock exposure (Figure 4). Maps were produced by mapping small outcrops and by extrapolating bedrock from talus and rock chips collected from soil sample pits. The following unit descriptions are based on 2009 field observations and previous reports (Ikona and Darney, 1976, Ikona and Yeager, 1977 and Ralfs, 1978).

The property is underlain by easterly striking and shallowly north dipping sedimentary rocks of the Devonian-Mississippian Earn Group and the Ordovician-Silurian Road River Group. The basal Road River Group is exposed in the southern part of the property. It is composed of dark grey fine grained siliceous shale that weathers to form moderately rusty surfaces (Unit A). The shale is interbedded with minor medium grey limestone beds and limestone lenses up to 3 m thick and several metres long occur locally within the shale. The Road River Group stratigraphy is capped by a light grey, variably dolomitic limestone with light grey chert interbeds (Unit B). The Earn Group sequence is floored by a unit composed of interbedded light grey chert and light grey quartzite (Unit C). To the west, this unit is overlain by interbedded chert pebble conglomerate, chert and greywacke (Unit D). The most abundant rock type in the upper unit is the conglomerate, which is composed of 0.3-1.0 cm long pebbles of white/light grey chert and dark grey/black siltstone. The chert layers are light grey and are very similar to those found in the underlying unit. To the east, the chert and quartzite (Unit C) is overlain by dark grey siliceous siltstone that is sometimes fissile and rarely calcareous (Unit E). The conglomerate of Unit D and siltstone of Unit E are believed to be the same age.

Unit Descriptions

- A:** Interbedded shale and limestone. Dark grey, moderately rusty weathering fine grained siliceous black shale containing minor quartzite lenses. The unit is often calcareous and features several medium grey limestone lenses up to 3 m thick and several metres long. Minor pyrite rich chert nodules are also present locally.
- B:** Dark grey limestone/dolostone. This unit is medium grey and has a variable dolomite content. It also contains rare light grey chert interbeds.



E Chert pebble conglomerate with minor interbedded chert and siltstone.

D Dark grey siltstone

C Interbedded chert and quartzite

B Limestone / dolostone

A Interbedded shale and limestone

— — Inferred contact

..... Outcrop outline

⌋ Strike and dip of bedding

★ 2009 hand trenching location

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FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY GEOLOGY
MC PROPERTY

0 200 400 600 800 m

UTM Zone 9, NAD83, NTS sheet 105 G/16

FILE: .../2009/Finlayson/MC.WOR

DATE: JANUARY 2010

- C:** Light grey chert is both massive and thinly banded. Float of light grey quartzite is found nearby, however it is not known if the two rock types are related.
- D:** Light grey chert pebble conglomerate with 0.3 to 1.0 cm pebbles within a light grey greywacke matrix. This is interbedded with minor light grey chert layers and layers of medium grained greywacke.
- E:** Dark grey to black siltstone occurs both as thin fissile layers and as more competent massive layers. It is generally soft and rarely calcareous.

DEPOSIT MODEL

Based on the lithologies mapped in the area, the MC property has potential to host a carbonate replacement deposit (CRD). CRDs average 10-13 Mt of ore with grades ranging from 2-12% lead, 2-18% zinc, 60-600 g/t silver, trace to 2% copper, and trace to 6 g/t gold. The following summary of CRDs is largely summarized from Megaw (1998) and is intended to provide a model for exploring and assessing the MC property.

Carbonate replacement deposits (CRD) are high temperature (>250 °C), intrusion-related deposits that comprise major pod, lens, and pipe-shaped Pb-Zn-Ag-Cu-Au sulphide ore bodies in carbonate host rocks. These deposits predominantly occur within deformed miogeoclinal carbonate rocks in tectonostratigraphic terranes underlain by ancient continental rocks. Many deposits occur as clusters along platform margins or basement highs and along structures cutting sedimentary basins. Limestone, dolomite, and dolomitized limestone are the most common host rocks, but there are minor deposits in calcareous sedimentary rocks. Mineralization is associated with polyphase intrusions that evolve from early intermediate phases towards late, highly evolved felsic intrusions and related extrusive phases. The intrusions most closely related to mineralization are usually the most evolved phases.

CRD mineralization is characterized by galena, sphalerite, chalcopryrite, arsenopyrite, pyrite, and pyrrhotite with gangue minerals such as carbonate, sulphate, fluorite, and quartz. The deposits that are closer to basement or intrusions tend to be Cu-Zn-(Au)-rich, while those higher in the section are Ag-Pb-Mn-rich (Titley, 1993). Ore body geometry ranges from irregular pods/lenses to high angle chimneys and low angle, tabular mantos. Lenses are more commonly found along the margin of the intrusive contact, and pods along structural inflections and intersections. In the absence of post-mineral deformation, chimneys indicate vertical movement of ore fluids away from the heat source, while mantos indicate lateral fluid flow, usually controlled by bedding, permeability barriers, or fluid interfaces. Chimneys may cut across hundreds of metres of a carbonate section while mantos can extend laterally for similar distances along bedding in a single bed or group of beds.

Structural fabrics impose a strong control on mineralization. They affect the emplacement of plutons and channel ore bearing fluids to favourable strata. Most CRDs are located in fold-thrust belts on major structural domes, arches, anticlines, synclines, or homoclines (Titley and Megaw, 1985). Many of these deposits are capped by volcanic rocks or other impermeable and

unreactive units. Aquitards direct fluid flow and contrasts in permeability are also important in the localization of mineralizing fluids in horizontally developed systems.

The development of skarns and hornfels is the principal alteration developed in carbonate host rocks close to the intrusions. Iron-calcic skarns may be found at great distances from the magmatic body in some systems (Megaw, 1990). More distal to the intrusive contacts, the carbonate rocks are generally altered by lower temperature fluids which include meteoric water, non-metalliferous brines, and depleted ore fluids. This results in an alteration halo marked by marbleization and recrystallization, dolomitization, sanding, carbonate flooding, argentiferous Mn-oxide mineralization, silicification, or a change in stable isotope contents. Capping rocks are often affected by argillic alteration, silicification, and sometimes contain mineralization in the form of veins.

GEOCHEMISTRY

Soil Sampling

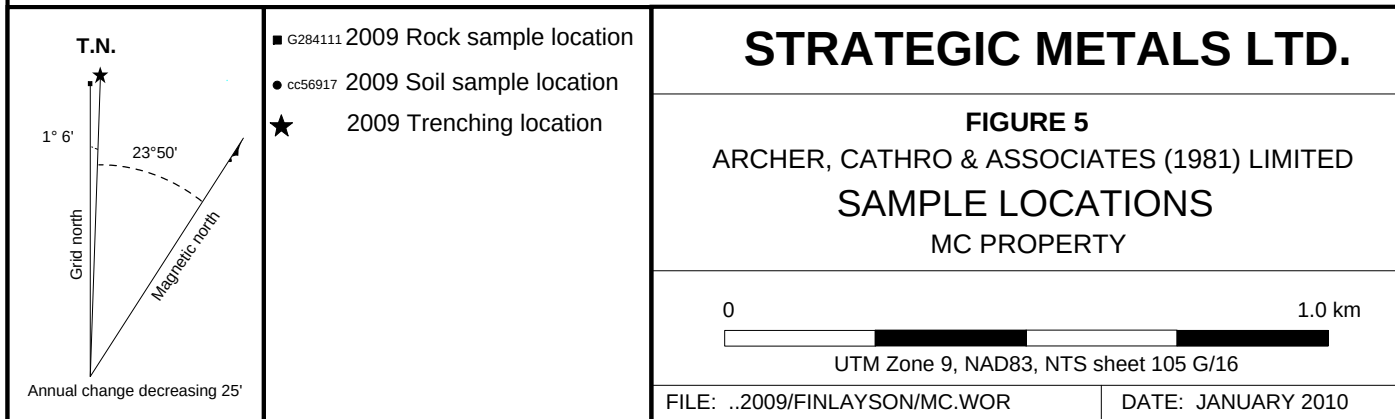
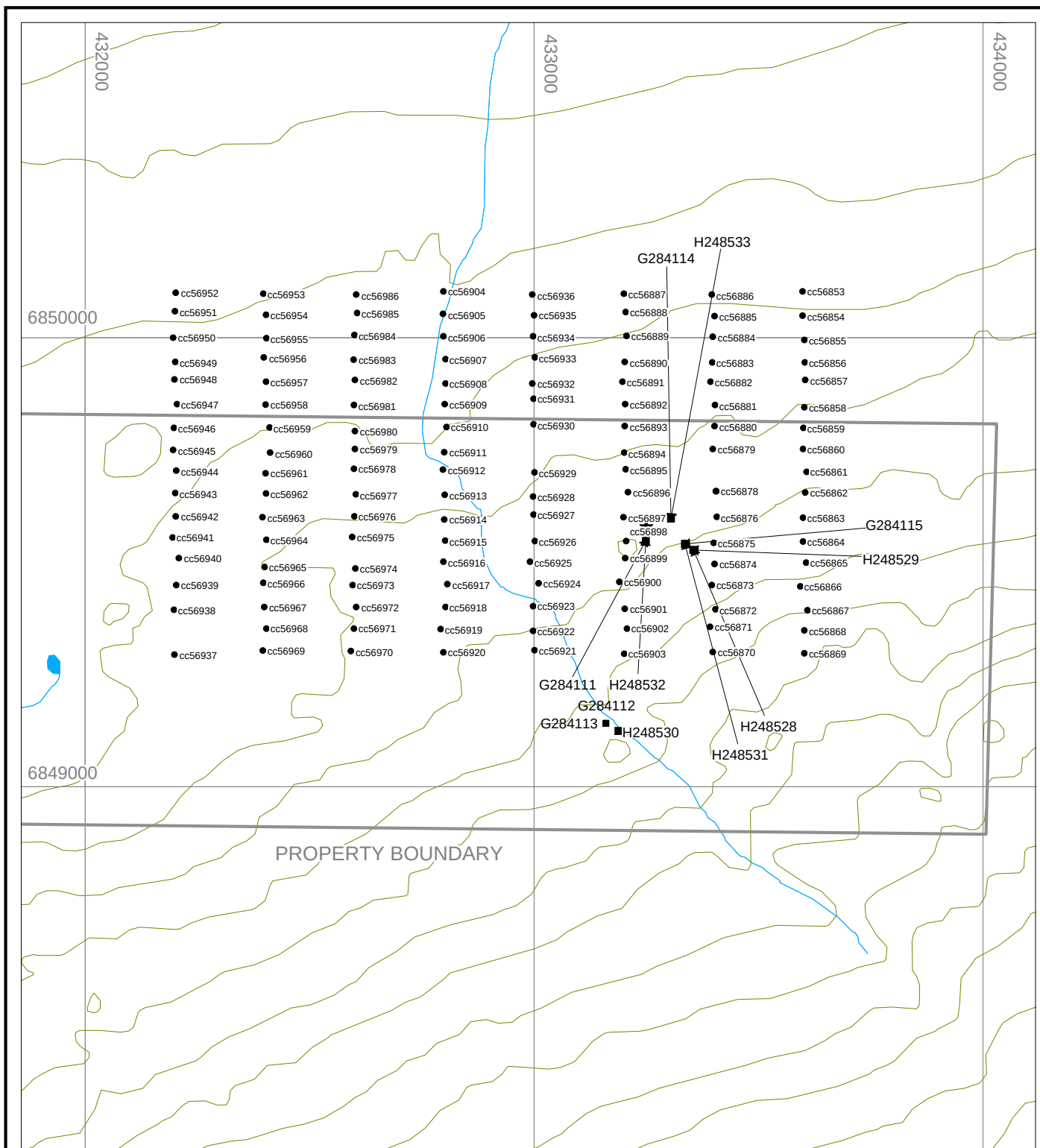
The area covered by the MC property was soil sampled at various times between 1972 and 1978. This sampling defined a lead-zinc anomaly on the central part of the current claim block, which trends approximately east-west and covers a 150 by 600 m area. The lead anomaly is discontinuous but strong, ranging from 100 to 4000 ppm. The zinc is much more erratic, with values between 200 to 6000 ppm occurring all over the property, but the highest values are concentrated in the area of the lead anomaly (Ikona and Darney, 1976, Ikona and Yeager, 1977 and Ralfs, 1978).

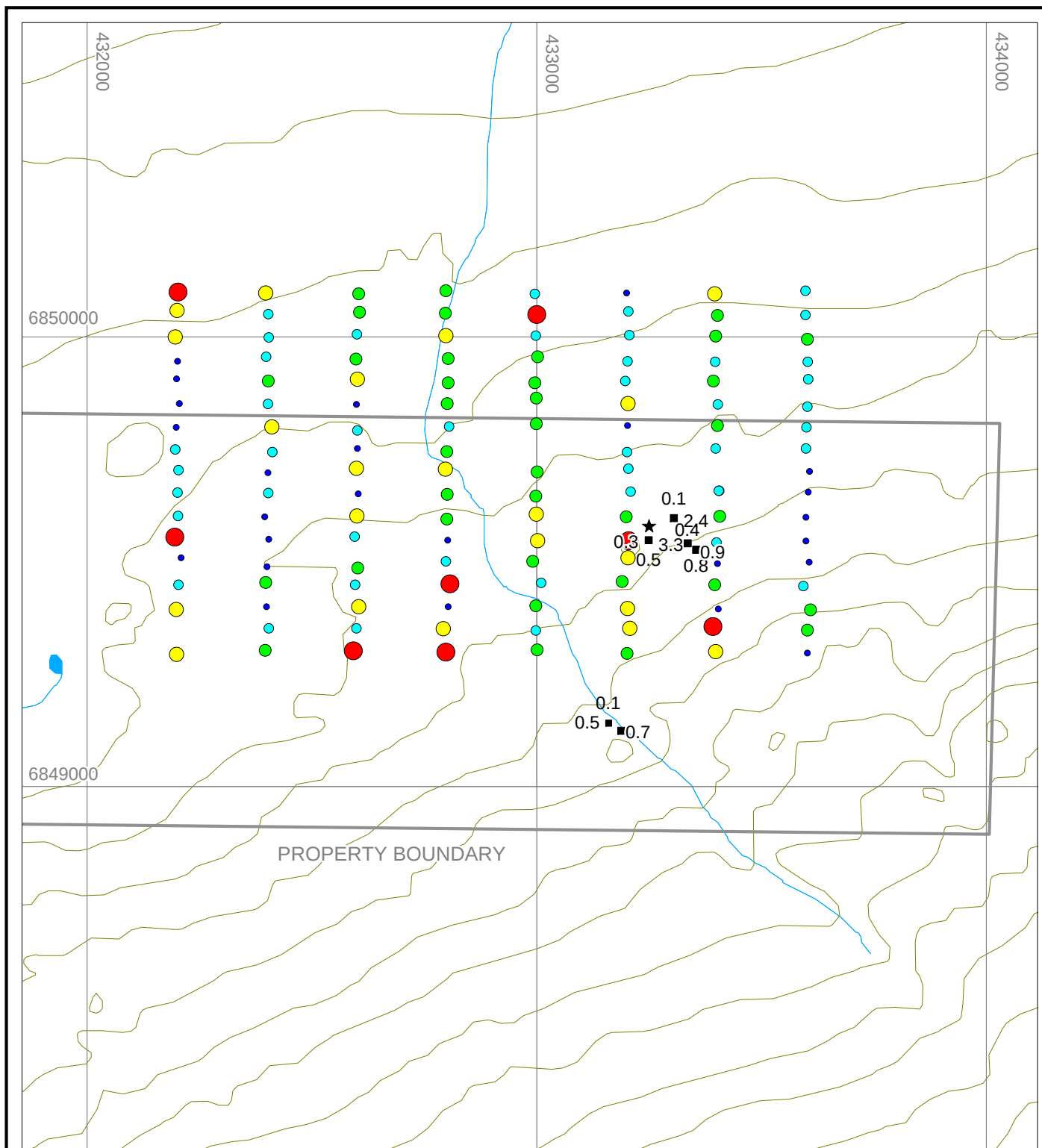
In 2009, a total of 132 soil samples were taken to acquire multi-element soil sample data over the most anomalous parts of the historic soil grids. Sample handling and analytical procedures used during the various soil sampling programs can be found in Appendix II while Certificates of Analysis for 2009 samples are in Appendix III. Sample locations for the 2009 samples are shown on Figure 5.

Results from soil sampling completed in 2009 have been compiled with historical data. Figures 6, 7, 8 and 9 thematically illustrate silver, lead, zinc and copper values respectively. The 2009 results confirmed historic anomalies and also identified sporadic silver and copper anomalies that range from 1.0 to 2.7 ppm silver and 100 to 514 ppm copper over much of the property. These sporadic highs are most concentrated in the southern part of the grid. The samples were subsequently reanalyzed for gold; however the gold levels were low (<1 to 5 ppb).

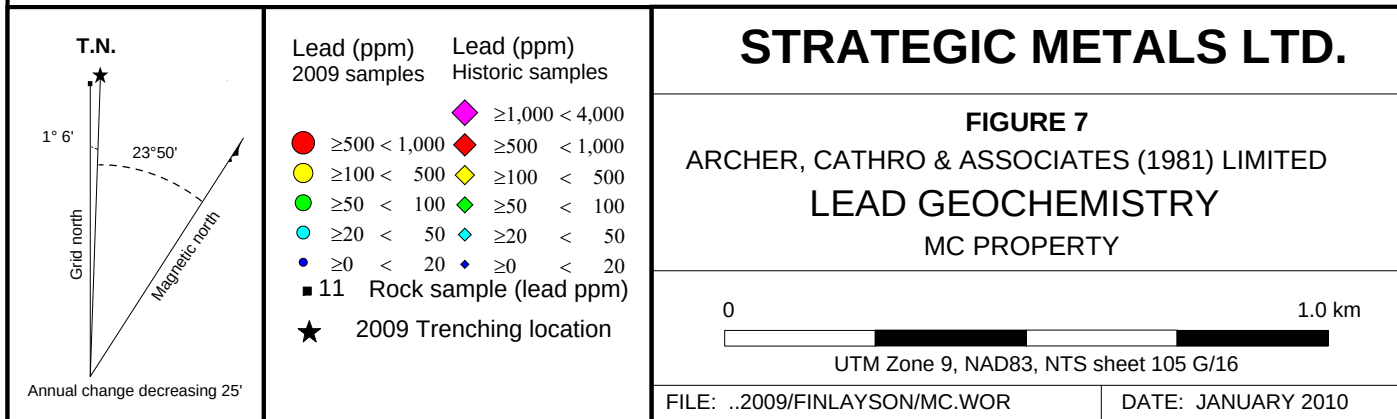
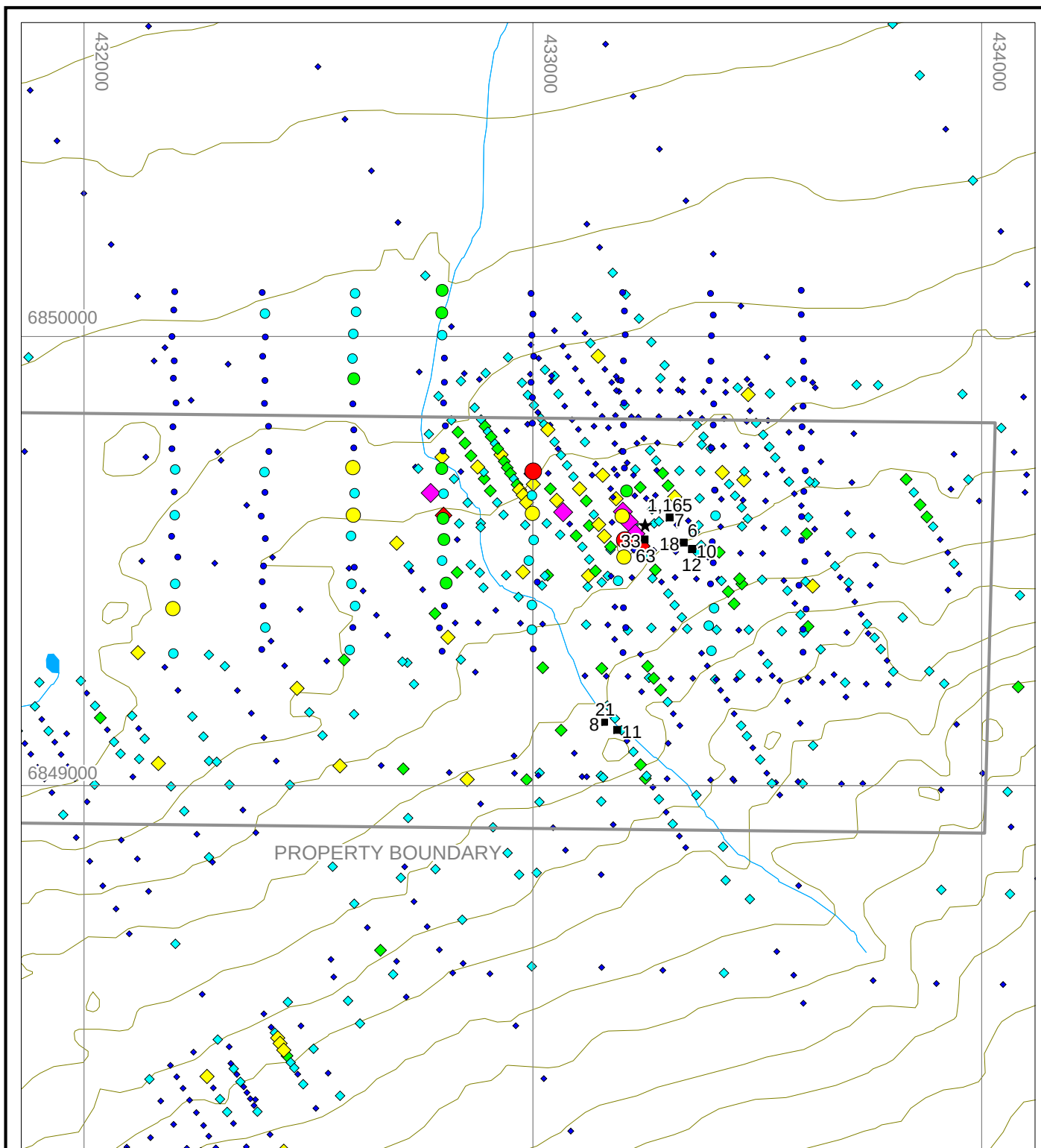
Rock Sampling

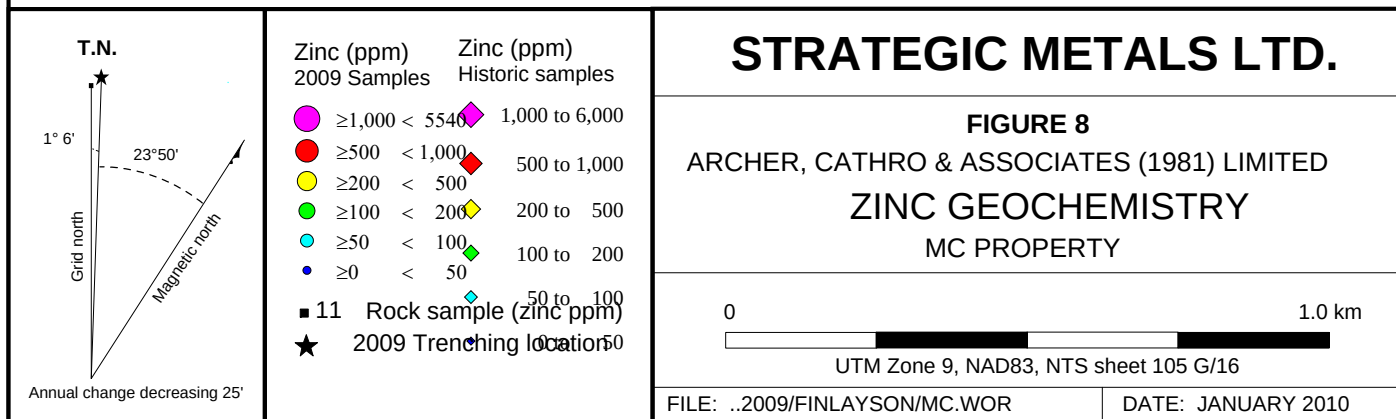
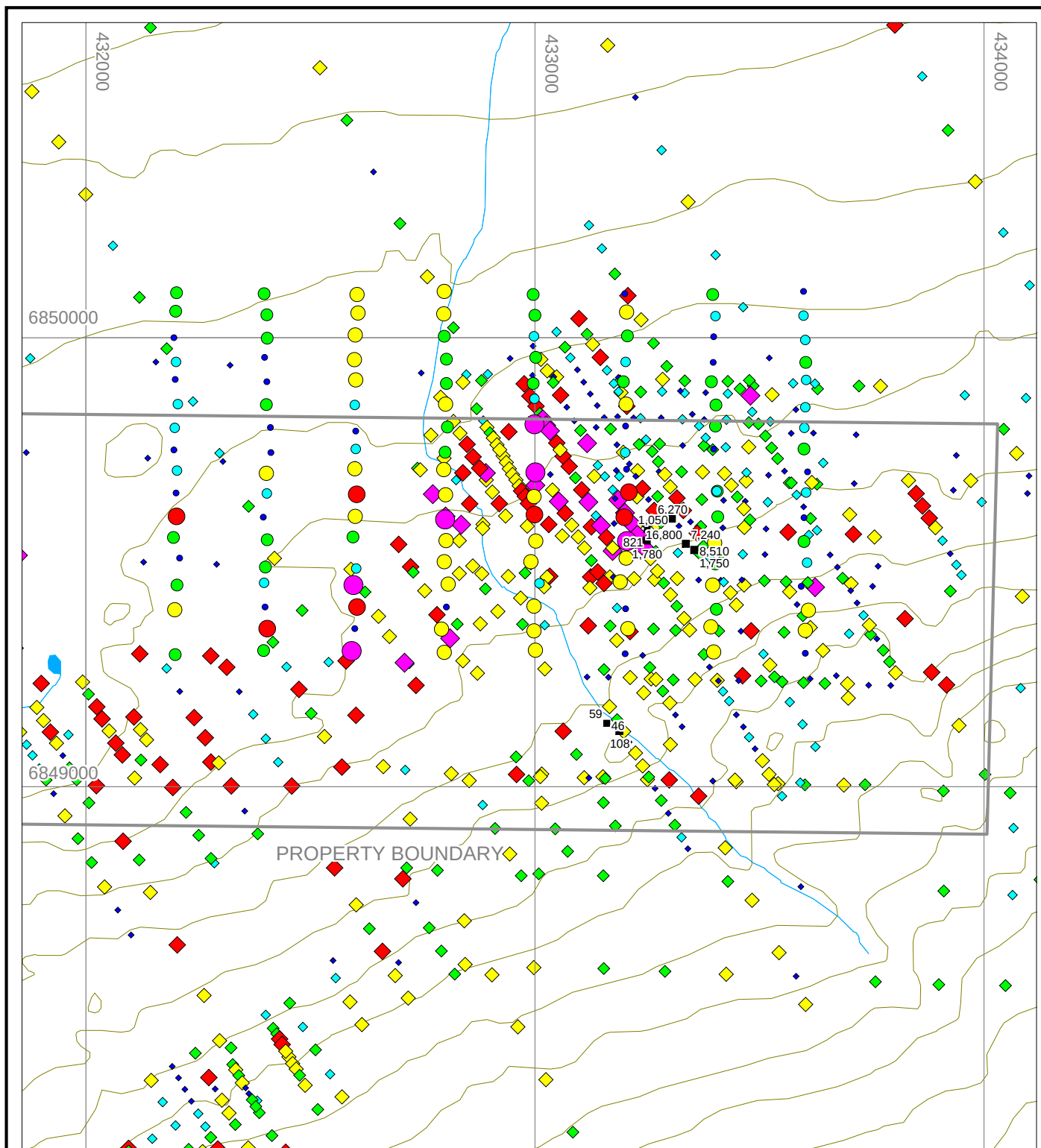
Eleven rock samples were taken on prospecting and mapping traverses in 2009 (Figure 5). Sample handling and analytical procedures can be found in Appendix II, Certificates of Analysis are in Appendix III and rock sample descriptions are in Appendix IV. All of the samples were collected east of the 2009 trenches or from the bank of a creek on the southern edge of the property. The samples taken east of the trenches comprise limonitic quartz vein or gossanous material that contain pyrite $\pm$ sphalerite $\pm$ galena. They are believed to be from a vein system

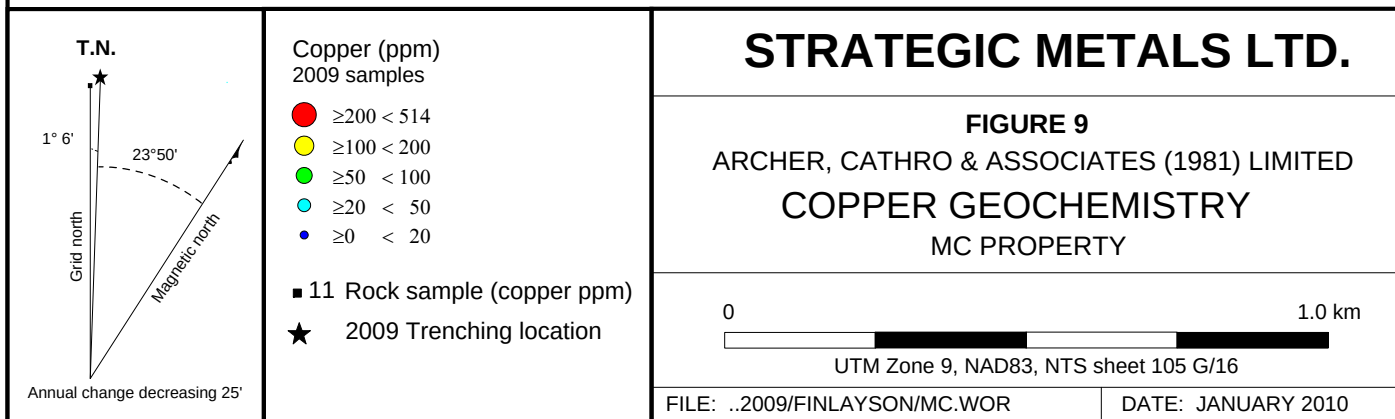
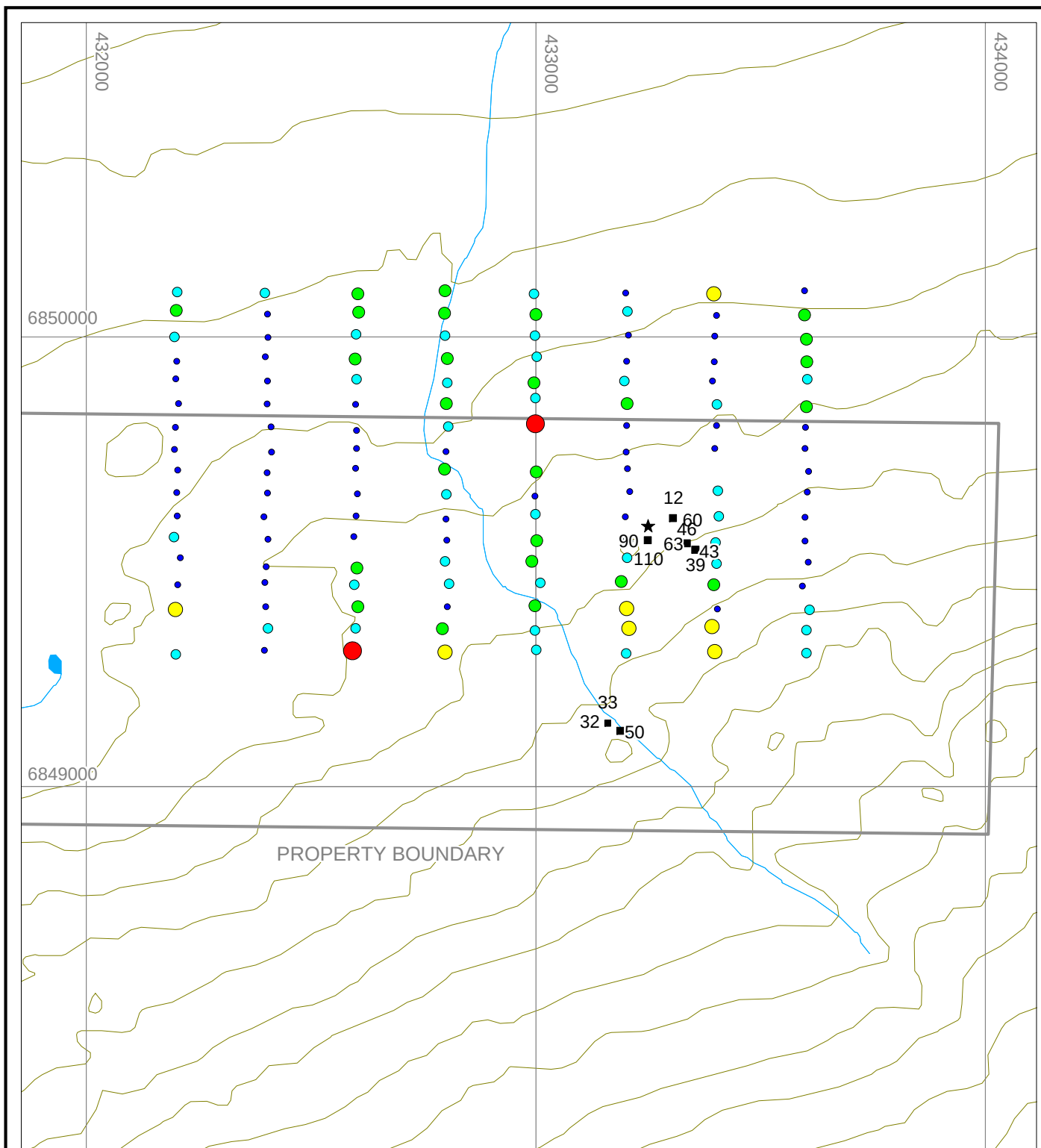




T.N. Grid north Magnetic north 23°50' 1° 6' Annual change decreasing 25'	Silver (ppm) 2009 samples ● $\geq 2 < 2.7$ ● $\geq 1 < 2$ ● $\geq 0.5 < 1$ ● $\geq 0.2 < 0.5$ ● $\geq 0 < 0.2$ ■ 11 Rock sample (silver ppm) ★ 2009 Trenching location	STRATEGIC METALS LTD.			
		FIGURE 6 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED SILVER GEOCHEMISTRY MC PROPERTY			
		0 1.0 km UTM Zone 9, NAD83, NTS sheet 105 G/16 <table border="1" style="width: 100%;"> <tr> <td>FILE: ..2009/FINLAYSON/MC.WOR</td> <td>DATE: JANUARY 2010</td> </tr> </table>		FILE: ..2009/FINLAYSON/MC.WOR	DATE: JANUARY 2010
FILE: ..2009/FINLAYSON/MC.WOR	DATE: JANUARY 2010				







that includes veins exposed in trenches. Assays for anomalous samples vary between 0.175 to 1.68% zinc and 0.5 to 3.3 g/t silver. Only one rock sample returned significant gold, it graded 1.45 g/t. The creek bank samples were composed of fissile shale that either weakly reacted with zinc zap or returned anomalous readings for zinc using a hand held XRF device. None of the creek bank samples returned high assay values for any economic metal.

HAND TRENCHING

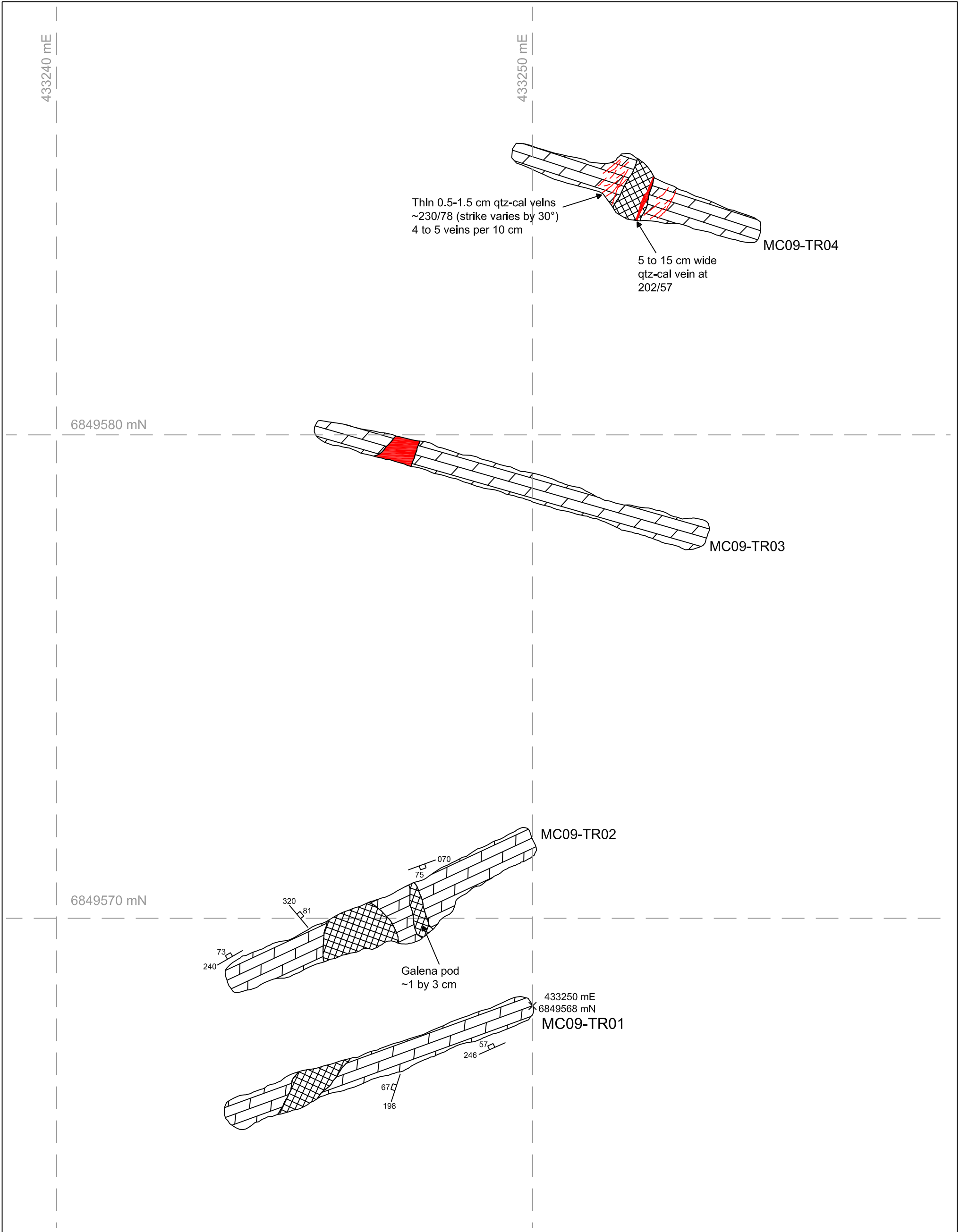
Four hand trenches were excavated in the vicinity of a historic galena-tetrahedrite-sphalerite (?) showing. General trench locations are shown on the geochemical maps (Figures 6-9) while detailed trench locations are presented on Figure 10. Prospecting in the area identified a 1 by 3 cm galena pod within a moderately limonite altered and quartz dominated outcrop. Trench MC09-TR02 was dug across this outcrop and MC09-TR01 targeted another gossanous outcrop 2.5 m to the south. MC09-TR04 crossed a quartz-calcite vein 10 m to the north and MC09-TR03 tested the continuity of mineralization between MC09-TR04 and the first two trenches. Chip samples were taken along the floors of the trenches.

Trench MC09-TR01 is 7.0 m long and 0.5 m deep (Figure 11). It exposed a medium grey dolostone with thin bands of white calcareous material. A silica- and limonite-altered section was intersected towards the western end of the trench. This gossanous material was the best mineralized, with the richest sample returning 6.5 ppm silver, 576 ppm lead, and 18650 ppm zinc over 1 m. Samples from the eastern side of the trench returned a weighted average of 6.9 ppm silver, 1209 ppm lead, and 3781 ppm zinc over 5.5 m, including the aforementioned interval. Mineralization remains open to the east of the trench.

Trench MC09-TR02 lies 2.5 m north of MC09-TR01 (Figure 12). It is 7.0 m long and 0.5 m deep with two gossanous sections. The thinner eastern section assayed 8.8 ppm silver with 6240 ppm lead and 847 ppm zinc across 0.8 m, but the thicker section on the west only returned 0.3 ppm silver, 42 ppm lead and 748 ppm zinc across 1.6 m. The gossanous material in this trench appears to be the product of clay alteration and moderate to strong oxidation. A specimen from a galena-rich pod found within the thinner gossan interval returned 169 ppm silver, 91200 ppm lead, and 889 ppm zinc.

Trench MC09-TR03 is 8.5 m long and 0.5 to 1.5 m deep (Figure 13). It intersected a 0.5 m wide quartz vein but no significant mineralization was encountered within the vein or its wall rocks. Limonite alteration is generally weak to moderate within the dolostone. Thin and wispy calcite veinlets are common throughout the dolostone and quartz veinlets are abundant west of the quartz vein.

Trench MC09-TR04 is 5.4 long and features a 0.5 m wide silicified and strongly limonite-altered zone between two (0.5 and 0.6 m wide) thin quartz-calcite veined sections (Figure 14). Although the gossanous material is similar mineralized gossans in the first two trenches, samples from this trench returned relatively low silver, lead, and zinc values.





Medium grey dolostone with wispy, white bands of a siliceous and calcareous material (0.5 to 1.5 mm). The unit becomes increasingly calcareous towards the quartz veins and altered zones.



Silicified/strongly altered zone of quartz veining and associated alteration halo that is stained orange by strong limonite alteration and coated by manganese oxide.



Quartz vein.



Assay interval and sample number.



Joint measurement (strike and dip).

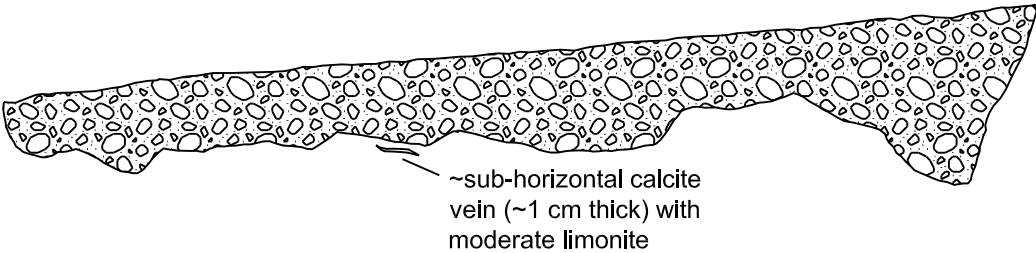
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FIGURE 10
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
TRENCH LOCATIONS
MC PROPERTY

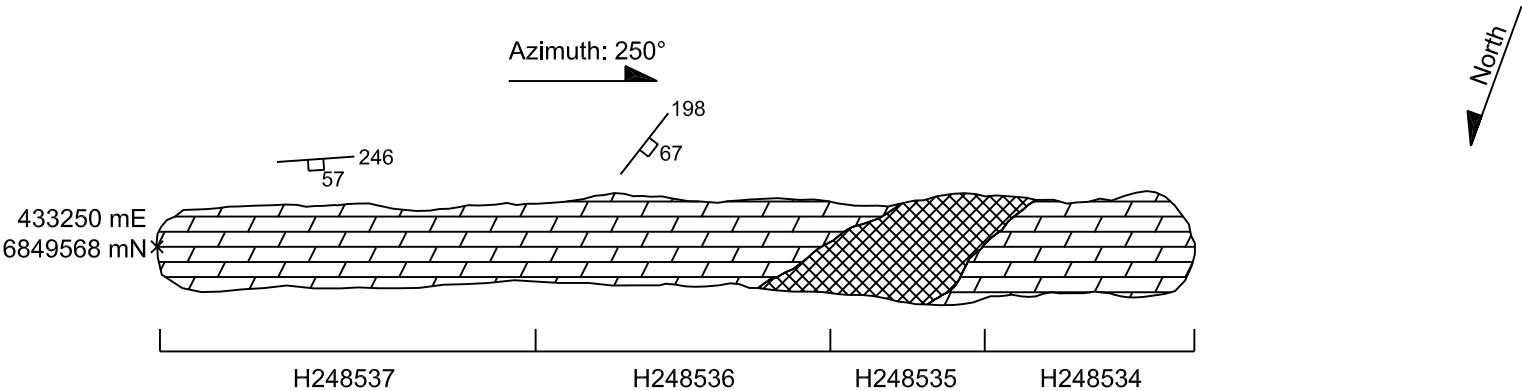
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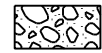
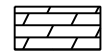
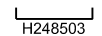
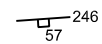
Section View (looking south)



Plan View



Sample No.	Ag (ppm)	Pb (ppm)	Zn (ppm)	Sample Interval
H248534	0.3	24	641	1.4 m
H248535	6.5	576	18650	1.0 m
H248536	5.2	1230	623	2.0 m
H248537	8.5	1445	359	2.5 m

-  Overburden.
-  A medium grey dolostone with thin white bands of a more calcite-rich material; weak limonite on fractures and rare calcite veins (~1 cm) with moderate limonite alteration.
-  A silicified/strongly altered zone (quartz vein and alteration halo) of a white silicified rock that is stained orange by strong limonite alteration and coated by extensive manganese oxide.
-  Assay interval and sample number.
-  Joint measurement (strike and dip).

STRATEGIC METALS LTD.

FIGURE 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

MC09-TR01 TRENCH MAP

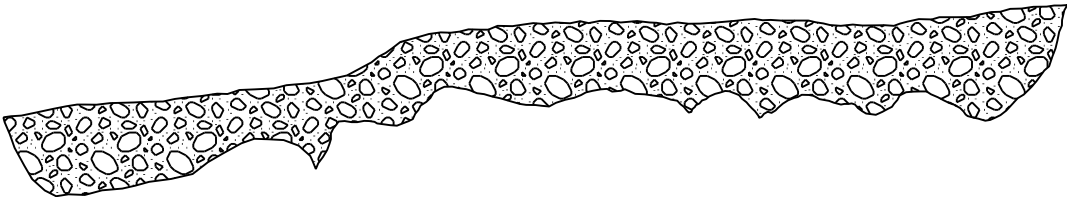
MC PROPERTY

00.51.01.52.02.5

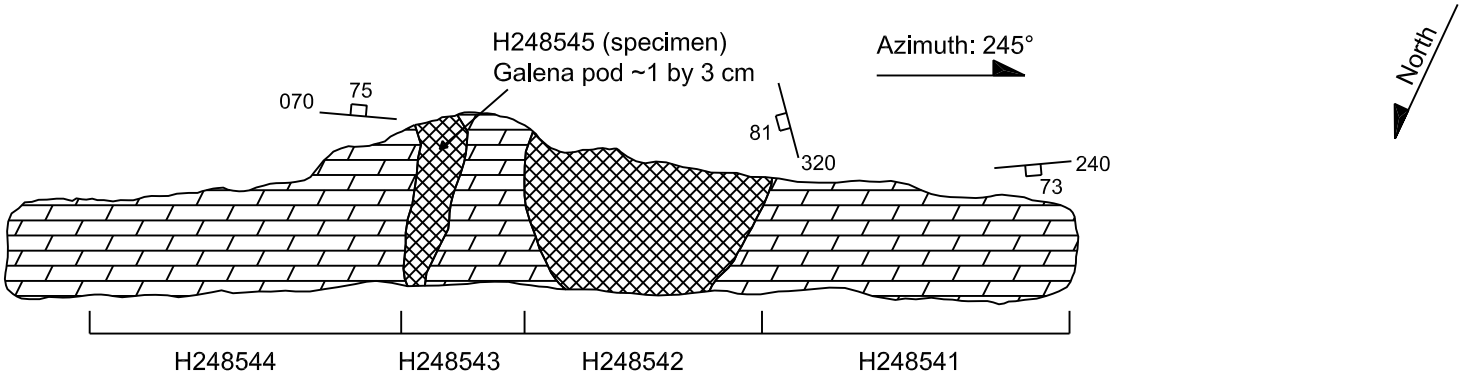
FILE: ...FINLAYSON\MC\FIGURES\F11_MC09-TR01.DWG

DATE: JANUARY 2010

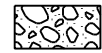
Section View (looking south)



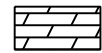
Plan View



Sample No.	Ag (ppm)	Pb (ppm)	Zn (ppm)	Sample Interval
H248541	1.8	222	618	2.0 m
H248542	0.3	42	748	1.6 m
H248543	8.8	6240	847	0.8 m
H248544	0.2	47	149	2.1 m
H248545	169	91200	889	Specimen



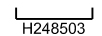
Overburden.



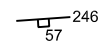
A medium grey dolostone with thin, white bands of a more calcite-rich material; fractures are weakly limonite-altered. The unit is generally more jointed towards the altered zone.



Weathered quartz vein and alteration halo represented by a soft, white and orange rock that is stained by limonite. One ~1 by 3 cm galena pod observed in this rock.



Assay interval and sample number.



Joint measurement (strike and dip).

STRATEGIC METALS LTD.

FIGURE 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

MC09-TR02 TRENCH MAP

MC PROPERTY

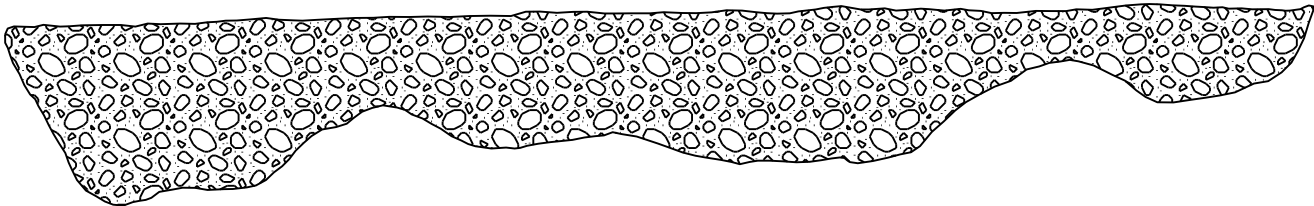
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00.51.01.52.02.5

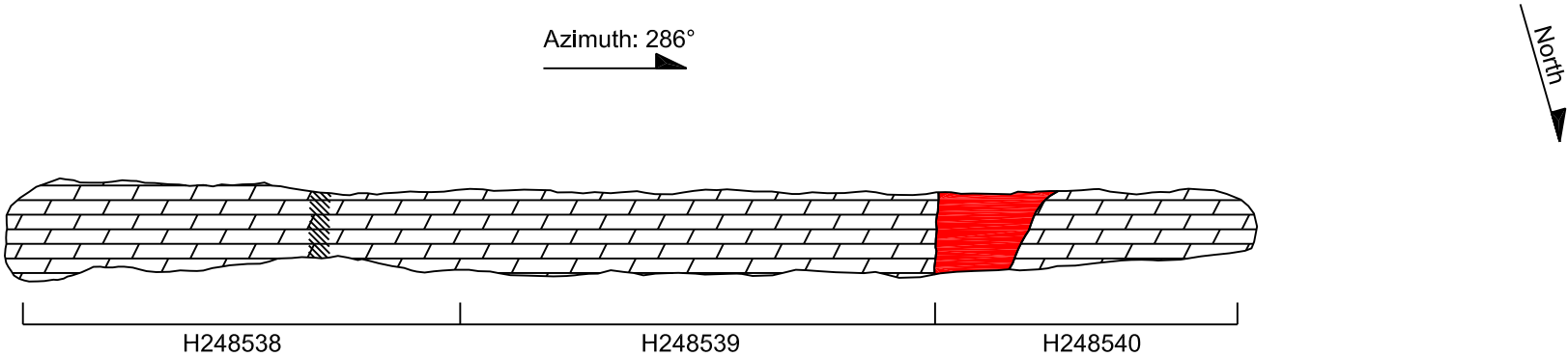
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DATE: JANUARY 2010

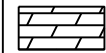
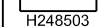
Section View (looking south)



Plan View



Sample No.	Ag (ppm)	Pb (ppm)	Zn (ppm)	Sample Interval
H248538	0.2	26	75	3.0 m
H248539	1	323	216	3.3 m
H248540	0.2	22	98	2.1 m

-  Overburden.
-  A medium grey dolostone with weak to moderate limonite alteration and thin, wispy calcite veinlets (~0.5 to 1.5 mm); veinlet frequency ranges from ~2 in 10 cm to ~6 in 10 cm. The unit has thin quartz and calcite veins in the western end of the trench.
-  Pale grey to white quartz vein with no visible mineralization; weak limonite alteration on fractures.
-  Weakly graphitic layers in the dolostone that is parallel to the sub-horizontal bedding(?).
-  Assay interval and sample number.

STRATEGIC METALS LTD.

FIGURE 13

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

MC09-TR03 TRENCH MAP

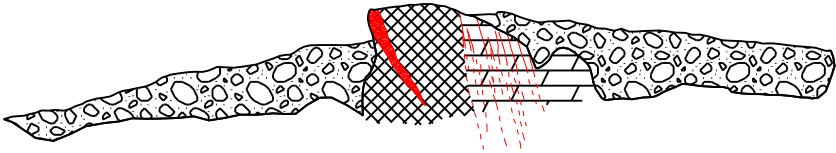
MC PROPERTY

00.51.01.52.02.5 m

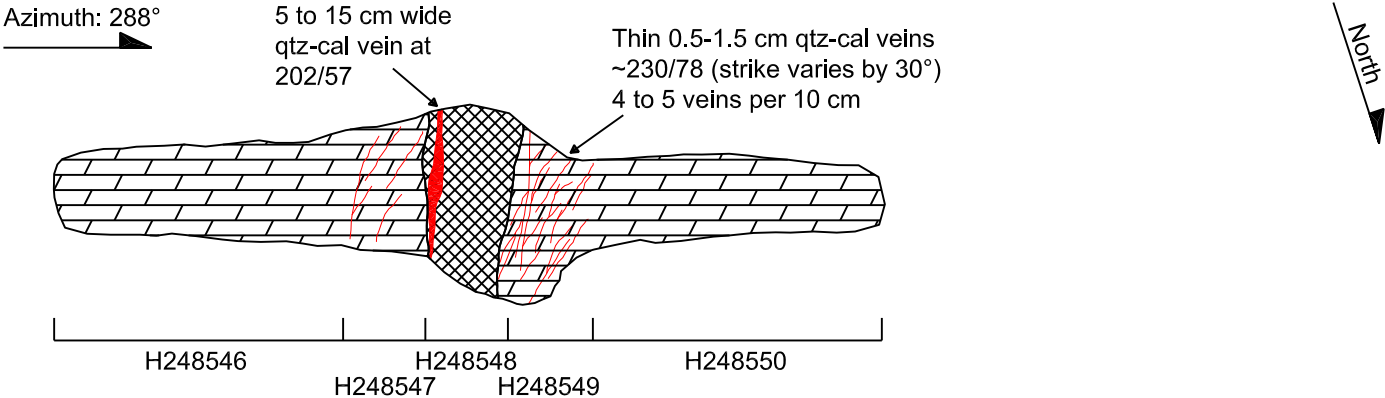
FILE: ...FINLAYSON\MC\FIGURES\F13_MC09-TR03.DWG

DATE: JANUARY 2010

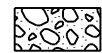
Section View (looking south)



Plan View



Sample No.	Ag (ppm)	Pb (ppm)	Zn (ppm)	Sample Interval
H248546	0.6	175	30	1.9 m
H248547	0.6	183	24	0.5 m
H248548	0.3	55	338	0.5 m
H248549	0.2	20	324	0.6 m
H248550	<0.2	9	48	1.9 m



Overburden.



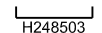
A medium grey dolostone with wispy, white bands of a siliceous and weakly calcareous material; weak limonite on fractures. Calcite veins and quartz-calcite veins (0.2 to 1.5 cm) are common on both sides of the altered zone (~0.5 m halo).



A silicified and strongly limonite-altered and manganese-stained zone (similar to that of MC09-TR01) which includes a 5 to 15 cm thick quartz-calcite vein.



Quartz vein.



Assay interval and sample number.

STRATEGIC METALS LTD.

FIGURE 14

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

MC09-TR04 TRENCH MAP

MC PROPERTY

00.51.01.52.02.5

FILE: ...\\FINLAYSON\\MC\\FIGURES\\F14_MC09-TR04.DWG

DATE: JANUARY 2010

DISCUSSION AND CONCLUSIONS

Soil geochemical sampling has defined a large lead and zinc anomaly with sporadic silver and copper response within carbonate rocks on the property. Prospecting and hand trenching have revealed vein style mineralization in carbonate host rocks. Due to the size of the geochemical anomaly and thick vegetation cover in the area it is recommended that a program of machine trenching be undertaken on the claim block to determine whether a significant ore body is present.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Dan Gregory, B.Sc. Geology, GIT

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Titley

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APPENDIX I
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Daniel Gregory, geologist, with business addresses in Vancouver, British Columbia and Whitehorse, Yukon Territory and residential address in Richmond, British Columbia, do hereby certify that:

1. I graduated from the University of British Columbia in 2007 with a B.Sc. (Hons.) in Geology.
2. From 2004 to present, I have been actively engaged in mineral exploration in the Yukon Territory.
3. I am a Geoscientist in Training (GIT) with the Association of Professional Engineers and Geoscientists of British Columbia (Member Number 153805).
4. I have personally participated in the fieldwork reported herein.

Daniel Gregory, B.Sc., GIT

APPENDIX II

SAMPLE HANDLING AND ANALYTICAL PROCEDURES

ASSAY METHODS FOR GEOCHEMICAL SAMPLING

Between 1973 and 1978 Vestor Explorations Ltd. and Mountaineer Ltd. conducted soil and rock sampling in the vicinity of the current MC claim block. Soil samples were taken from B or C horizon soil. The 1976 and 1977 samples were sent to ALS Chemex's analytical laboratory in Vancouver, B.C. and the 1978 samples were sent to Vangeochem Laboratories in North Vancouver. Both labs dried, sieved the samples to -80 mesh and dissolved in an aqua regia. The labs both analyzed for lead and zinc using the atomic absorption technique.

All 2009 soil samples were located by means of compass and hip-chain surveys with frequent checks using handheld GPS units. Sample sites are marked by aluminum tags inscribed with the sample numbers and affixed to 0.5 m thick wooden laths that were driven into the ground. Soil samples were collected from 40 to 60 cm deep holes dug by hand auger. They were placed into individually pre-numbered paper bags.

The 2009 samples were sent to ALS Chemex in North Vancouver, B.C. where they were dried, screened to -180 microns, dissolved in an aqua regia solution and then analyzed for 35 elements using the inductively coupled plasma-atomic emission spectroscopy technique (ME-ICP41). The samples were re-analyzed for gold using the atomic absorption technique (AA).

A total of 23 rock samples were taken in 2009. They were sent to ALS Chemex in North Vancouver, B.C. where they were dried and fine crushed to better than 70% passing 2 mm. A 250 g split was then pulverized to better than 85% passing 75 micron. A portion of this material was digested in aqua regia and analysed for 35 elements by inductively coupled plasma-atomic emission spectroscopy technique (ME-ICP41) and gold using the atomic absorption technique.

APPENDIX III
CERTIFICATES OF ANALYSIS



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

2103 Dollarton Hwy

North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.

C/O ARCHER, CATHRO & ASSOCIATES (1981)

LIMITED

1016-510 W HASTINGS ST

VANCOUVER BC V6B 1L8

Page: 1

Finalized Date: 17-OCT-2009

Account: MTT

CERTIFICATE VA09107975

Project: Fin (MC)

P.O. No.:

This report is for 5 Rock samples submitted to our lab in Vancouver, BC, Canada on 1-OCT-2009.

The following have access to data associated with this certificate:

AL ARCHER
VANCOUVER OFFICE

DOUG EATON
BILL WENGZYNOWSKI

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-36	Pulverize 1.5 kg to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

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VANCOUVER BC V6B 1L8

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

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



CERTIFICATE OF ANALYSIS VA09107975



Project: Fin (MC)

Account: MTT

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Project: Fin (MC)

Page: 2 - C

Total # Pages: 2 (A - C)

Finalized Date: 17-OCT-2009

Account: MTT

CERTIFICATE OF ANALYSIS VA09107975

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ti	Ti	U	V	W	Zn
		%	ppm	ppm	ppm	ppm	ppm
		0.01	10	10	1	10	2
G284111		0.02	<10	<10	5	340	1780
G284112		0.09	<10	<10	187	<10	46
G284113		0.18	<10	<10	336	<10	59
G284114		<0.01	<10	<10	15	<10	1050
G284115		<0.01	<10	<10	4	390	7240



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Page: 1
Finalized Date: 7-SEP-2009
Account: MTT

CERTIFICATE VA09091965

Project: MC (Fin)

P.O. No.:

This report is for 134 Soil samples submitted to our lab in Vancouver, BC, Canada on 24-AUG-2009.

The following have access to data associated with this certificate:

AL ARCHER
VANCOUVER OFFICE

DOUG EATON
BILL WENGZYNOWSKI

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

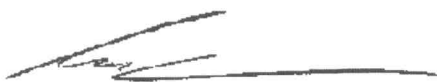
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: STRATEGIC METALS LTD.
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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.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

Total # Pages: 5 (A)

Plus Appendix Pages

Finalized Date: 7-SEP-2009

Account: MTT

CERTIFICATE OF ANALYSIS VA09091965

Sample Description	Method Analyte Units LOR	Au-ICP21 Au ppm 0.001
CC56853		<0.001
CC56854		0.001
CC56855		<0.001
CC56856		<0.001
CC56857		<0.001
CC56858		<0.001
CC56859		NSS
CC56860		<0.001
CC56861		<0.001
CC56862		<0.001
CC56863		<0.001
CC56864		<0.001
CC56865		<0.001
CC56866		<0.001
CC56867		<0.001
CC56868		0.003
CC56869		<0.001
CC56870		<0.001
CC56871		0.002
CC56872		<0.001
CC56873		<0.001
CC56874		<0.001
CC56875		0.001
CC56876		<0.001
CC56877		<0.001
CC56878		<0.001
CC56879		<0.001
CC56880		<0.001
CC56881		<0.001
CC56882		0.005
CC56883		<0.001
CC56884		<0.001
CC56885		<0.001
CC56886		0.002
CC56887		0.002
CC56888		<0.001
CC56889		<0.001
CC56890		<0.001
CC56891		<0.001
CC56892		0.001



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Page: 3 - A

Total # Pages: 5 (A)

Plus Appendix Pages

Finalized Date: 7-SEP-2009

Account: MTT

CERTIFICATE OF ANALYSIS VA09091965

Sample Description	Method Analyte Units LOR	Au-ICP21 Au ppm 0.001
CC56893		<0.001
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CC56895		<0.001
CC56896		<0.001
CC56897		<0.001
CC56898		0.001
CC56899		<0.001
CC56900		0.002
CC56901		NSS
CC56902		<0.001
CC56903		<0.001
CC56904		0.001
CC56905		0.001
CC56906		0.003
CC56907		<0.001
CC56908		<0.001
CC56909		<0.001
CC56910		<0.001
CC56911		<0.001
CC56912		0.002
CC56913		<0.001
CC56914		0.001
CC56915		<0.001
CC56916		<0.001
CC56917		<0.001
CC56918		<0.001
CC56919		0.001
CC56920		NSS
CC56921		<0.001
CC56922		<0.001
CC56923		<0.001
CC56924		<0.001
CC56925		0.001
CC56926		0.002
CC56927		0.002
CC56928		<0.001
CC56929		<0.001
CC56930		<0.001
CC56931		0.001
CC56932		<0.001



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Project: MC (Fin)

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Total # Pages: 5 (A)

Plus Appendix Pages

Finalized Date: 7-SEP-2009

Account: MTT

CERTIFICATE OF ANALYSIS VA09091965

Sample Description	Method Analyte Units LOR	Au-ICP21 Au ppm 0.001
CC56933		<0.001
CC56934		<0.001
CC56935		0.002
CC56936		<0.001
CC56937		0.001
CC56938		0.004
CC56939		0.001
CC56940		<0.001
CC56941		0.003
CC56942		0.002
CC56943		NSS
CC56944		<0.001
CC56945		<0.001
CC56946		<0.001
CC56947		<0.001
CC56948		<0.001
CC56949		NSS
CC56950		NSS
CC56951		0.002
CC56952		NSS
CC56953		<0.001
CC56954		0.001
CC56955		0.004
CC56956		<0.001
CC56957		<0.001
CC56958		<0.001
CC56959		<0.001
CC56960		<0.001
CC56961		<0.001
CC56962		<0.001
CC56963		<0.001
CC56964		<0.001
CC56965		<0.001
CC56966		<0.001
CC56967		<0.001
CC56968		0.001
CC56969		0.001
CC56970		0.002
CC56971		<0.001
CC56972		<0.001



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Project: MC (Fin)

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Plus Appendix Pages

Finalized Date: 7-SEP-2009

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CERTIFICATE OF ANALYSIS VA09091965

Sample Description	Method Analyte Units LOR	Au-ICP21 Au ppm 0.001
CC56973		<0.001
CC56974		<0.001
CC56975		0.001
CC56976		<0.001
CC56977		<0.001
CC56978		<0.001
CC56979		<0.001
CC56980		0.002
CC56981		<0.001
CC56982		<0.001
CC56983		0.001
CC56984		0.001
CC56985		<0.001
CC56986		0.001



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e: Appendix 1

Total # Appendix Pages: 1

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CERTIFICATE OF ANALYSIS VA09091965

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

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Page: 1
Finalized Date: 12-AUG-2009
Account: MTT

CERTIFICATE VA09075481

Project: MC (Fin)

P.O. No.:

This report is for 23 Rock samples submitted to our lab in Vancouver, BC, Canada on 21-JUL-2009.

The following have access to data associated with this certificate:

AL ARCHER
VANCOUVER OFFICEDOUG EATON
BILL WENGZYNOWSKI

JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Total # Pages: 2 (A - C)

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CERTIFICATE OF ANALYSIS VA09075481

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.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
H248528		1.18	0.099	0.8	0.12	5	<10	90	<0.5	147	3.55	91.7	1	2	39	1.39
H248529		0.72	0.020	0.9	0.20	9	<10	110	1.0	41	8.51	15.0	1	4	43	2.06
H248530		0.70	0.002	0.7	1.64	8	<10	1290	0.7	<2	2.01	1.2	2	17	50	0.98
H248531		1.32	1.445	3.3	0.08	8	<10	70	<0.5	2220	1.58	259	2	1	63	2.80
H248532		1.12	0.004	0.3	0.44	<2	<10	50	<0.5	3	1.25	10.7	1	2	90	1.78
H248533		0.96	0.005	2.4	0.03	13	<10	50	<0.5	<2	17.8	109.0	<1	1	60	0.98
H248534		1.08	0.002	0.3	0.05	4	10	30	<0.5	<2	17.5	5.7	<1	2	26	1.12
H248535		1.20	0.018	6.5	0.06	4	<10	170	<0.5	31	7.90	219	2	2	30	1.35
H248536		1.30	0.003	5.2	0.03	3	<10	40	<0.5	3	18.7	5.8	<1	1	19	0.42
H248537		1.80	0.002	8.5	0.04	8	<10	30	<0.5	<2	19.3	4.9	<1	3	17	0.58
H248538		1.76	0.001	0.2	0.06	7	<10	60	<0.5	<2	19.3	0.8	<1	2	4	0.61
H248539		2.14	0.005	1.0	0.05	10	<10	40	<0.5	<2	18.8	3.1	<1	3	13	0.61
H248540		1.66	0.001	0.2	0.12	6	10	40	<0.5	<2	9.40	0.7	1	4	3	0.36
H248541		1.46	0.001	1.8	0.03	2	<10	20	<0.5	<2	19.1	7.7	<1	2	12	0.41
H248542		1.58	0.001	0.3	0.04	5	<10	80	<0.5	<2	1.32	6.7	1	6	49	2.72
H248543		0.82	0.006	8.8	0.03	4	<10	50	<0.5	5	12.55	10.0	<1	1	36	1.37
H248544		1.32	0.001	0.2	0.02	3	<10	20	<0.5	<2	18.4	2.2	<1	2	8	0.72
H248545		0.50	0.062	>100	0.07	5	20	60	<0.5	238	10.40	27.8	<1	1	23	1.05
H248546		1.02	0.001	0.6	0.01	10	<10	20	<0.5	<2	18.3	<0.5	<1	2	2	0.71
H248547		0.82	0.002	0.6	0.01	3	<10	20	<0.5	<2	18.2	<0.5	<1	1	3	0.68
H248548		0.88	0.001	0.3	0.02	2	<10	50	<0.5	<2	1.67	3.1	<1	1	21	0.88
H248549		0.66	0.002	0.2	0.04	5	10	40	<0.5	<2	14.6	2.9	<1	2	12	0.63
H248550		1.74	0.001	<0.2	0.02	7	10	50	<0.5	<2	18.5	<0.5	<1	2	2	0.35



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Total # Pages: 2 (A - C)

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Account: MTT

CERTIFICATE OF ANALYSIS VA09075481

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	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
H248528		<10	1	0.07	<10	1.78	551	<1	0.01	5	20	12	1.15	3	<1
H248529		<10	<1	0.02	<10	3.96	1860	2	0.01	11	30	10	0.74	<2	<1
H248530		<10	1	0.07	10	0.23	70	18	0.01	18	760	11	0.05	<2	1
H248531		<10	1	0.05	<10	1.38	667	26	0.01	2	60	18	1.53	7	<1
H248532		<10	<1	0.02	<10	1.49	335	3	0.01	3	80	33	0.07	<2	<1
H248533		<10	1	<0.01	<10	11.10	932	1	0.01	3	100	1165	<0.01	3	<1
H248534		<10	<1	0.01	<10	10.80	972	<1	0.01	5	110	24	<0.01	<2	<1
H248535		<10	<1	0.02	<10	5.58	596	<1	0.01	5	80	576	1.14	<2	<1
H248536		<10	<1	0.01	<10	11.15	548	1	0.01	4	110	1230	<0.01	11	<1
H248537		<10	<1	<0.01	10	12.20	470	23	0.01	4	320	1445	<0.01	10	<1
H248538		<10	<1	0.01	<10	12.05	610	<1	0.02	4	200	26	<0.01	<2	<1
H248539		<10	<1	<0.01	10	11.55	523	<1	0.01	3	210	323	<0.01	61	<1
H248540		<10	<1	0.03	<10	5.93	303	<1	0.01	4	160	22	0.01	<2	<1
H248541		<10	<1	<0.01	<10	12.45	508	<1	0.01	3	270	222	<0.01	<2	<1
H248542		<10	<1	0.01	<10	0.89	247	1	0.01	3	140	42	0.23	<2	<1
H248543		<10	<1	0.01	<10	9.12	461	<1	0.01	1	80	6240	0.36	8	<1
H248544		<10	<1	<0.01	<10	11.30	683	<1	0.01	2	180	47	<0.01	2	<1
H248545		<10	<1	0.02	<10	8.03	741	<1	0.01	1	80	>10000	1.53	82	<1
H248546		<10	<1	<0.01	<10	10.80	659	<1	0.01	4	170	175	<0.01	<2	<1
H248547		<10	<1	<0.01	<10	10.85	583	<1	0.01	2	270	183	<0.01	<2	<1
H248548		<10	<1	0.01	<10	1.04	248	<1	0.01	1	200	55	0.04	<2	<1
H248549		<10	<1	0.01	<10	9.92	521	<1	0.01	2	180	20	0.10	<2	<1
H248550		<10	<1	<0.01	<10	11.55	475	<1	0.01	3	180	9	<0.01	<2	<1



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Page: 2 - C

Total # Pages: 2 (A - C)

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CERTIFICATE OF ANALYSIS VA09075481

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Pb-OG46
		Th	Ti	Ti	U	V	W	Zn	Ag	Zn	Pb
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		20	0.01	10	10	1	10	2	1	0.001	0.001
H248528		<20	<0.01	<10	<10	4	430	8510			
H248529		<20	<0.01	<10	<10	11	100	1750			
H248530		<20	0.08	<10	10	182	<10	108			
H248531		<20	<0.01	<10	<10	5	840	>10000		1.680	
H248532		<20	0.02	<10	<10	5	100	821			
H248533		<20	<0.01	<10	10	18	20	6270			
H248534		<20	<0.01	<10	10	8	10	641			
H248535		<20	<0.01	<10	<10	7	30	>10000		1.865	
H248536		<20	<0.01	<10	<10	12	<10	623			
H248537		<20	<0.01	<10	10	7	<10	359			
H248538		<20	<0.01	<10	10	8	<10	75			
H248539		<20	<0.01	<10	10	6	<10	216			
H248540		<20	<0.01	<10	<10	8	10	98			
H248541		<20	<0.01	<10	10	8	<10	618			
H248542		<20	<0.01	<10	<10	4	50	748			
H248543		<20	<0.01	<10	<10	5	10	847			
H248544		<20	<0.01	<10	10	4	<10	149			
H248545		<20	<0.01	<10	<10	7	10	889	169		9.12
H248546		<20	<0.01	<10	10	4	<10	30			
H248547		<20	<0.01	<10	10	3	<10	24			
H248548		<20	<0.01	<10	<10	2	90	338			
H248549		<20	<0.01	<10	10	7	20	324			
H248550		<20	<0.01	<10	10	7	<10	48			



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Page: 1
Finalized Date: 11-AUG-2009
Account: MTT

CERTIFICATE VA09075480

Project: MC (Fin)

P.O. No.:

This report is for 134 Soil samples submitted to our lab in Vancouver, BC, Canada on 21-JUL-2009.

The following have access to data associated with this certificate:

AL ARCHER
VANCOUVER OFFICE

DOUG EATON
BILL WENGZYNOWSKI

JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

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Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 11-AUG-2009

Account: MTT

CERTIFICATE OF ANALYSIS VA09075480

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	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 %	ME-ICP41 Ga ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC56853		0.16	0.2	0.59	3	<10	60	<0.5	2	0.02	<0.5	1	11	11	1.26	10
CC56854		0.14	0.3	1.24	2	<10	150	0.7	<2	1.76	<0.5	5	14	52	1.13	<10
CC56855		0.08	0.5	0.91	2	<10	180	0.7	<2	1.64	0.7	3	9	55	0.75	<10
CC56856		0.18	0.4	1.63	10	<10	220	0.9	3	1.40	2.2	7	28	56	2.19	10
CC56857		0.10	0.2	0.99	5	<10	200	<0.5	<2	1.72	0.9	3	12	33	0.98	<10
CC56858		0.16	0.2	1.48	5	<10	190	0.9	3	0.92	1.0	5	20	54	1.71	<10
CC56859		0.18	0.2	2.97	11	<10	160	1.2	3	0.09	<0.5	3	28	18	3.67	10
CC56860		0.20	0.2	1.41	9	<10	170	0.5	2	0.42	<0.5	4	25	11	2.31	10
CC56861		0.12	<0.2	0.11	<2	<10	10	<0.5	2	0.03	<0.5	<1	2	2	0.21	<10
CC56862		0.22	<0.2	1.37	16	<10	110	<0.5	7	0.02	<0.5	4	24	15	3.87	10
CC56863		0.16	<0.2	0.48	<2	<10	130	<0.5	3	0.01	<0.5	<1	10	6	1.11	<10
CC56864		0.18	<0.2	1.60	9	<10	280	0.5	3	1.13	0.7	9	26	11	2.20	10
CC56865		0.14	<0.2	1.43	3	<10	110	<0.5	2	6.00	<0.5	1	21	4	2.48	<10
CC56866		0.14	0.2	0.48	2	<10	130	<0.5	2	0.63	0.8	<1	10	14	0.44	<10
CC56867		0.14	0.5	0.94	25	<10	320	0.6	3	1.18	1.3	6	17	21	1.82	<10
CC56868		0.18	0.7	0.77	32	<10	300	0.7	2	1.09	2.1	7	20	40	2.15	<10
CC56869		0.08	<0.2	0.37	<2	<10	140	<0.5	<2	0.63	3.0	1	2	23	0.25	<10
CC56870		0.20	1.9	1.85	21	<10	560	1.3	6	1.30	2.3	11	33	139	3.08	<10
CC56871		0.12	2.5	1.64	13	<10	580	1.0	4	1.78	1.7	7	24	117	2.20	<10
CC56872		0.22	<0.2	1.49	19	<10	180	0.6	7	0.12	0.8	9	27	18	2.21	10
CC56873		0.08	0.7	0.59	15	<10	260	0.5	<2	1.80	3.4	5	11	56	1.21	<10
CC56874		0.16	<0.2	0.95	10	<10	180	0.5	4	0.46	1.8	8	15	28	1.77	<10
CC56875		0.20	0.2	2.45	14	<10	320	1.1	2	0.15	1.6	13	25	20	2.75	10
CC56876		0.20	0.6	1.54	19	<10	210	0.5	4	0.29	0.6	6	28	23	3.72	10
CC56877		0.18	0.2	1.07	10	<10	280	<0.5	2	0.06	<0.5	3	16	7	1.95	<10
CC56878		0.10	0.4	0.63	6	<10	670	<0.5	<2	1.23	1.9	2	14	42	1.03	<10
CC56879		0.20	0.4	0.39	5	<10	2210	<0.5	<2	0.03	0.6	1	14	14	2.44	10
CC56880		0.24	0.5	2.21	13	<10	320	0.7	3	0.04	0.5	4	24	13	3.19	10
CC56881		0.18	0.2	2.21	17	<10	630	1.0	2	0.07	<0.5	4	35	20	3.52	10
CC56882		0.26	0.5	2.50	8	<10	>10000	1.4	<2	0.11	1.0	8	18	16	2.36	<10
CC56883		0.14	0.2	0.49	<2	<10	1540	<0.5	<2	0.29	<0.5	1	2	5	0.29	<10
CC56884		0.14	0.7	0.62	<2	<10	1370	<0.5	<2	0.06	<0.5	1	4	8	0.49	<10
CC56885		0.16	0.9	1.04	12	<10	260	<0.5	2	0.03	<0.5	3	11	15	2.40	<10
CC56886		0.18	1.9	1.85	9	<10	3280	1.2	<2	1.29	1.8	9	26	172	2.41	10
CC56887		0.16	<0.2	0.46	<2	<10	80	<0.5	<2	0.02	<0.5	1	7	9	0.38	<10
CC56888		0.20	0.4	1.75	9	<10	1080	0.8	<2	0.86	1.7	6	36	37	2.21	<10
CC56889		0.16	0.2	1.38	14	<10	180	0.5	2	0.05	<0.5	3	23	14	2.92	10
CC56890		0.24	0.2	1.32	14	<10	690	<0.5	2	0.42	<0.5	4	24	8	2.28	10
CC56891		0.24	0.3	1.08	3	<10	2080	0.5	<2	0.09	0.7	4	17	26	1.68	<10
CC56892		0.22	1.2	1.70	7	<10	770	0.9	<2	2.00	10.3	6	22	88	1.89	<10



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CERTIFICATE OF ANALYSIS VA09075480

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
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC56853		1	0.10	30	0.16	25	4	0.05	3	190	10	0.05	<2	1	5
CC56854		1	0.09	10	0.40	172	2	0.09	32	710	2	0.13	<2	1	102
CC56855		<1	0.03	10	0.21	163	2	0.07	25	610	4	0.11	<2	1	93
CC56856		<1	0.11	10	0.65	243	6	0.06	32	500	11	0.09	<2	2	92
CC56857		<1	0.07	10	0.30	290	3	0.07	17	520	4	0.11	<2	1	89
CC56858		<1	0.09	10	0.44	170	5	0.07	27	470	7	0.08	<2	2	62
CC56859		1	0.09	20	0.34	67	4	0.05	15	420	18	0.07	<2	3	26
CC56860		1	0.12	20	0.53	301	7	0.06	15	230	9	0.05	<2	2	40
CC56861		<1	0.02	<10	0.01	9	1	0.07	1	150	<2	0.04	<2	<1	6
CC56862		1	0.10	20	0.36	115	5	0.06	17	500	12	0.05	<2	2	12
CC56863		1	0.06	20	0.11	23	2	0.06	3	170	4	0.05	<2	1	5
CC56864		1	0.09	10	1.22	430	3	0.07	23	380	14	0.07	<2	2	37
CC56865		1	0.02	30	6.50	711	1	0.06	13	580	7	0.06	<2	1	29
CC56866		<1	0.03	10	0.30	23	2	0.06	4	200	5	0.06	<2	<1	30
CC56867		<1	0.05	10	0.52	670	8	0.03	43	1730	13	0.02	2	2	51
CC56868		<1	0.06	20	0.42	431	9	0.02	67	1640	11	0.01	3	4	46
CC56869		<1	0.02	<10	0.04	60	<1	0.03	7	270	<2	0.01	<2	<1	42
CC56870		<1	0.10	30	0.93	574	7	0.02	115	1430	26	0.03	2	5	93
CC56871		<1	0.07	10	0.79	403	4	0.03	77	1210	30	0.06	<2	3	128
CC56872		<1	0.09	10	0.48	500	3	0.01	22	750	39	<0.01	<2	2	15
CC56873		<1	0.04	10	0.27	332	2	0.03	41	690	15	0.03	<2	2	87
CC56874		<1	0.06	10	0.54	472	5	0.02	25	360	10	<0.01	<2	2	32
CC56875		<1	0.09	10	0.37	361	3	0.01	30	670	14	0.02	2	2	23
CC56876		<1	0.09	20	0.56	214	10	0.01	39	280	24	<0.01	3	2	16
CC56877		<1	0.06	20	0.33	107	3	0.01	11	120	13	<0.01	<2	1	16
CC56878		<1	0.07	10	0.20	94	3	0.02	17	350	5	0.03	<2	1	44
CC56879		<1	0.06	20	0.11	27	2	0.02	5	350	15	0.09	3	1	24
CC56880		<1	0.08	20	0.43	107	2	0.01	22	280	13	<0.01	<2	2	11
CC56881		<1	0.19	20	0.67	125	4	0.01	22	400	16	<0.01	<2	3	12
CC56882		<1	0.07	10	0.13	108	9	0.12	62	630	15	<0.01	3	2	12
CC56883		<1	0.03	<10	0.02	24	<1	0.04	5	360	<2	0.02	<2	<1	43
CC56884		<1	0.02	<10	0.02	13	<1	0.03	3	280	4	0.01	<2	<1	10
CC56885		<1	0.04	20	0.12	58	6	0.01	13	390	11	<0.01	2	1	22
CC56886		<1	0.13	50	0.53	270	5	0.04	64	720	15	0.06	2	4	161
CC56887		<1	0.06	20	0.12	16	1	0.01	3	110	10	<0.01	<2	1	4
CC56888		<1	0.11	10	0.60	152	3	0.02	25	580	15	0.02	<2	3	39
CC56889		<1	0.12	20	0.41	117	3	0.01	19	510	13	<0.01	<2	2	8
CC56890		<1	0.13	20	0.57	151	5	0.01	17	250	12	<0.01	<2	2	19
CC56891		<1	0.08	20	0.31	85	3	0.01	22	150	10	0.01	2	1	14
CC56892		<1	0.11	10	0.53	227	4	0.04	58	640	14	0.05	<2	2	57



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CERTIFICATE OF ANALYSIS VA09075480

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ti	Ti	U	V	W	Zn
		%	ppm	ppm	ppm	ppm	ppm
		0.01	10	10	1	10	2
CC56853		0.10	<10	<10	50	<10	18
CC56854		0.05	<10	30	29	<10	63
CC56855		0.02	<10	40	19	<10	69
CC56856		0.08	<10	30	71	<10	185
CC56857		0.04	<10	10	28	<10	53
CC56858		0.06	<10	30	49	<10	93
CC56859		0.10	<10	<10	118	<10	76
CC56860		0.07	<10	<10	80	<10	118
CC56861		0.01	<10	<10	7	<10	5
CC56862		0.09	<10	<10	143	<10	94
CC56863		0.05	<10	<10	43	<10	20
CC56864		0.06	<10	<10	89	<10	169
CC56865		0.03	<10	<10	56	10	80
CC56866		0.03	<10	<10	20	<10	38
CC56867		0.02	<10	<10	109	<10	255
CC56868		0.01	<10	<10	154	<10	285
CC56869		0.01	<10	<10	9	<10	39
CC56870		0.04	<10	10	150	<10	339
CC56871		0.03	<10	20	126	10	287
CC56872		0.06	<10	<10	124	10	154
CC56873		0.01	<10	10	70	<10	203
CC56874		0.04	<10	<10	58	<10	149
CC56875		0.05	<10	<10	65	<10	235
CC56876		0.07	<10	<10	154	<10	142
CC56877		0.04	<10	<10	72	<10	106
CC56878		0.05	<10	<10	40	<10	91
CC56879		0.12	<10	<10	108	<10	24
CC56880		0.06	<10	<10	120	<10	117
CC56881		0.12	<10	<10	128	<10	124
CC56882		0.04	<10	<10	132	<10	175
CC56883		0.02	<10	<10	12	<10	13
CC56884		0.03	<10	<10	13	<10	9
CC56885		0.03	<10	<10	68	<10	57
CC56886		0.07	<10	40	57	<10	120
CC56887		0.05	<10	<10	25	<10	10
CC56888		0.07	<10	<10	69	<10	239
CC56889		0.09	<10	<10	89	<10	114
CC56890		0.09	<10	<10	84	<10	90
CC56891		0.07	<10	<10	64	<10	130
CC56892		0.06	<10	<10	62	<10	461



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CERTIFICATE OF ANALYSIS VA09075480

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
CC56893		0.12	<0.2	0.19	<2	<10	490	<0.5	<2	0.12	<0.5	<1	2	4	0.26	<10
CC56894		0.20	0.2	1.31	7	<10	250	0.5	2	0.05	<0.5	2	16	11	2.18	<10
CC56895		0.14	0.2	0.23	<2	<10	30	<0.5	<2	0.03	<0.5	1	2	7	0.23	<10
CC56896		0.16	0.2	1.60	9	<10	310	0.6	<2	1.98	7.1	4	21	19	2.15	<10
CC56897		0.20	0.5	0.51	4	<10	100	<0.5	<2	12.65	2.5	2	10	18	1.99	<10
CC56898		0.18	2.3	2.72	14	<10	440	1.1	2	0.62	8.7	6	34	33	2.87	10
CC56899		0.20	1.4	1.28	20	<10	180	1.0	<2	10.05	5.2	4	17	24	2.21	<10
CC56900		0.20	0.9	1.63	9	<10	400	0.8	2	1.69	4.8	13	27	69	2.50	<10
CC56901		0.08	1.6	0.48	<2	<10	100	<0.5	<2	2.69	7.5	1	8	126	0.35	<10
CC56902		0.18	1.4	1.05	3	30	170	0.9	<2	3.03	15.5	5	19	157	1.32	<10
CC56903		0.10	0.6	0.60	<2	<10	90	<0.5	<2	1.41	2.6	2	6	42	0.39	<10
CC56904		0.18	0.9	1.78	22	<10	400	0.9	2	0.69	3.3	12	25	55	3.08	<10
CC56905		0.16	0.8	1.67	12	<10	370	0.9	<2	1.10	3.1	10	23	54	2.57	<10
CC56906		0.22	1.3	1.87	4	<10	530	1.0	<2	0.82	1.3	9	14	49	1.47	<10
CC56907		0.22	0.8	1.56	4	<10	490	0.9	<2	1.05	3.0	9	22	66	1.74	<10
CC56908		0.18	0.5	1.03	3	<10	300	<0.5	<2	1.46	3.5	3	18	43	1.27	<10
CC56909		0.18	0.7	1.89	3	<10	1710	1.1	<2	1.19	5.7	13	31	98	2.13	<10
CC56910		0.12	0.4	1.02	3	<10	260	0.6	<2	1.14	2.4	3	10	43	1.06	<10
CC56911		0.08	0.5	0.78	<2	<10	230	<0.5	<2	0.92	3.6	2	9	15	0.87	<10
CC56912		0.18	1.1	2.07	30	<10	450	1.2	<2	0.50	4.4	10	30	59	3.44	<10
CC56913		0.22	0.6	1.08	6	<10	410	0.5	<2	1.20	6.5	4	13	22	1.28	<10
CC56914		0.24	0.7	1.31	17	<10	1510	1.1	<2	5.42	15.9	3	23	19	4.69	<10
CC56915		0.24	<0.2	2.95	9	<10	1300	1.1	<2	0.23	2.1	9	35	14	3.23	10
CC56916		0.18	0.4	1.18	4	<10	230	0.5	2	0.21	4.9	4	26	29	2.31	<10
CC56917		0.14	2.1	0.84	<2	<10	150	0.5	<2	2.20	18.5	5	15	39	0.78	<10
CC56918		0.10	<0.2	0.31	<2	<10	40	<0.5	<2	0.39	0.5	1	1	2	0.22	<10
CC56919		0.14	1.1	1.44	<2	<10	460	0.7	<2	2.87	26.9	11	21	68	1.33	<10
CC56920		0.20	2.4	1.49	9	<10	140	0.8	<2	4.97	13.8	7	34	151	1.79	<10
CC56921		0.22	0.7	1.78	6	<10	260	0.7	<2	3.68	17.0	7	19	49	1.46	<10
CC56922		0.26	0.4	2.54	25	<10	260	0.9	<2	0.36	0.8	14	35	41	3.89	10
CC56923		0.24	0.5	1.66	13	<10	400	0.8	<2	0.67	3.7	10	28	60	2.59	<10
CC56924		0.18	0.3	0.93	<2	<10	4990	<0.5	<2	0.90	6.3	2	18	32	0.85	<10
CC56925		0.20	0.6	1.75	33	<10	390	1.0	2	0.82	2.3	11	26	50	3.18	<10
CC56926		0.14	1.3	1.91	28	<10	410	1.0	<2	2.10	7.3	11	28	78	3.25	<10
CC56927		0.30	1.8	3.04	15	<10	540	1.7	<2	0.38	7.2	17	34	36	4.02	<10
CC56928		0.24	0.6	1.16	7	<10	270	<0.5	<2	0.20	2.5	5	20	19	2.06	10
CC56929		0.20	0.7	1.60	8	<10	540	0.7	<2	0.81	46.9	5	18	76	2.00	<10
CC56930		0.28	0.9	1.60	3	<10	540	1.0	<2	2.00	41.0	6	17	219	1.51	<10
CC56931		0.16	0.9	0.78	2	<10	570	<0.5	<2	0.42	2.9	2	10	33	0.97	<10
CC56932		0.24	0.5	2.18	9	<10	>10000	1.5	<2	0.37	1.3	9	21	52	2.19	<10



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CERTIFICATE OF ANALYSIS VA09075480

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
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC56893		<1	0.03	<10	0.03	11	<1	0.03	2	100	2	<0.01	<2	<1	13
CC56894		<1	0.07	20	0.28	64	5	0.01	13	190	13	<0.01	<2	1	10
CC56895		<1	0.02	<10	0.01	9	<1	0.02	2	130	<2	<0.01	<2	<1	7
CC56896		<1	0.04	10	0.97	554	<1	0.02	20	490	81	0.02	2	2	25
CC56897		<1	0.01	10	8.78	1090	1	0.01	25	1170	143	0.01	2	<1	67
CC56898		<1	0.07	20	1.18	233	3	0.01	47	290	976	0.02	3	4	18
CC56899		<1	0.04	20	6.61	830	4	0.02	27	520	239	0.03	4	2	155
CC56900		1	0.06	10	0.89	304	8	0.02	60	920	21	0.04	4	2	76
CC56901		<1	0.02	10	0.09	131	<1	0.02	59	570	2	0.09	<2	<1	86
CC56902		<1	0.03	10	4.95	1005	3	0.02	81	1200	9	0.10	<2	1	111
CC56903		<1	0.02	<10	0.07	137	<1	0.03	19	560	<2	0.06	<2	1	71
CC56904		1	0.09	20	0.66	300	13	0.01	61	1130	71	0.02	<2	3	55
CC56905		<1	0.10	20	0.68	322	7	0.02	59	1020	52	0.02	<2	3	66
CC56906		1	0.08	10	0.33	169	2	0.02	37	870	22	0.05	<2	1	46
CC56907		1	0.09	10	0.40	207	3	0.02	39	780	18	0.03	2	2	54
CC56908		1	0.11	10	0.42	89	3	0.02	26	440	5	0.03	<2	2	73
CC56909		<1	0.15	10	0.66	252	5	0.04	61	750	12	0.07	<2	3	71
CC56910		<1	0.04	10	0.26	134	2	0.03	26	620	16	0.05	<2	1	53
CC56911		<1	0.03	10	0.25	91	1	0.02	19	730	10	0.04	<2	1	52
CC56912		<1	0.06	20	0.64	372	8	0.01	56	1160	58	0.02	2	3	40
CC56913		<1	0.06	10	0.36	165	<1	0.02	18	630	33	0.02	<2	1	34
CC56914		<1	0.07	10	3.28	3510	1	0.03	36	1190	85	0.07	2	2	155
CC56915		<1	0.08	20	0.81	207	1	0.02	44	240	72	<0.01	3	4	18
CC56916		<1	0.02	10	0.08	120	18	0.01	55	580	21	<0.01	5	1	22
CC56917		<1	0.02	10	0.06	654	2	0.02	21	710	89	0.04	<2	1	112
CC56918		<1	0.03	<10	0.02	42	<1	0.05	1	170	<2	<0.01	<2	<1	18
CC56919		1	0.34	10	1.73	329	5	0.02	62	840	13	0.05	2	1	96
CC56920		<1	0.02	<10	0.15	341	8	0.01	95	1040	16	0.14	5	1	117
CC56921		<1	0.09	20	1.74	436	2	0.01	54	920	17	0.04	<2	1	217
CC56922		<1	0.07	20	0.81	286	15	0.01	91	1020	46	<0.01	3	3	35
CC56923		<1	0.06	20	0.62	197	8	0.01	78	930	26	0.01	2	3	56
CC56924		<1	0.05	10	0.07	22	9	0.04	17	610	10	0.07	<2	1	60
CC56925		<1	0.06	20	0.67	327	15	0.01	72	1400	42	0.01	2	3	62
CC56926		<1	0.06	20	0.71	419	13	0.02	87	1170	39	0.05	2	3	110
CC56927		1	0.06	20	0.59	620	7	0.02	69	940	433	0.02	5	3	27
CC56928		<1	0.07	10	0.37	140	5	0.01	16	180	25	<0.01	<2	2	18
CC56929		<1	0.07	20	0.41	215	3	0.02	39	450	666	0.02	2	2	38
CC56930		1	0.08	10	0.39	259	2	0.04	73	620	12	0.06	<2	2	63
CC56931		<1	0.05	10	0.13	36	4	0.02	15	270	18	0.05	<2	1	25
CC56932		<1	0.13	20	0.39	162	7	0.07	49	460	17	0.05	2	2	24



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CERTIFICATE OF ANALYSIS VA09075480

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ti	Ti	U	V	W	Zn
		% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
CC56893		0.02	<10	<10	9	<10	6
CC56894		0.06	<10	<10	72	<10	68
CC56895		0.01	<10	<10	6	<10	6
CC56896		0.04	<10	<10	57	<10	769
CC56897		0.01	<10	<10	58	<10	529
CC56898		0.03	<10	<10	116	<10	1370
CC56899		0.02	<10	<10	75	<10	350
CC56900		0.04	<10	10	168	10	391
CC56901		0.01	<10	20	25	<10	46
CC56902		0.02	<10	70	178	10	269
CC56903		0.02	<10	10	38	<10	32
CC56904		0.04	<10	10	140	<10	366
CC56905		0.04	<10	10	124	<10	326
CC56906		0.03	<10	10	41	<10	148
CC56907		0.04	<10	10	50	<10	178
CC56908		0.06	<10	<10	37	<10	100
CC56909		0.08	<10	20	67	<10	288
CC56910		0.02	<10	10	35	<10	109
CC56911		0.02	<10	<10	40	<10	149
CC56912		0.02	<10	40	191	<10	380
CC56913		0.04	<10	<10	38	<10	225
CC56914		0.03	<10	<10	88	10	5540
CC56915		0.04	<10	<10	100	<10	386
CC56916		0.11	<10	<10	500	<10	292
CC56917		0.03	<10	<10	49	<10	242
CC56918		0.02	<10	<10	8	<10	18
CC56919		0.05	<10	30	157	<10	439
CC56920		0.02	<10	120	254	<10	352
CC56921		0.05	<10	10	149	<10	428
CC56922		0.04	<10	<10	284	<10	426
CC56923		0.03	<10	20	176	<10	412
CC56924		0.04	<10	20	75	10	79
CC56925		0.03	<10	10	231	<10	381
CC56926		0.03	<10	30	213	<10	471
CC56927		0.05	<10	<10	97	<10	640
CC56928		0.06	<10	<10	90	<10	289
CC56929		0.04	<10	<10	55	<10	2590
CC56930		0.05	<10	20	40	<10	1950
CC56931		0.04	<10	<10	26	<10	75
CC56932		0.06	<10	<10	70	<10	193



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CERTIFICATE OF ANALYSIS VA09075480

Sample Description	Method Analyte Units LOR	WEI-21	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
		Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC56933		0.20	0.6	1.61	4	<10	830	0.7	<2	1.40	1.3	4	20	32	1.64	<10
CC56934		0.18	0.3	1.36	<2	<10	370	0.6	2	1.33	0.9	4	18	27	1.46	<10
CC56935		0.18	2.1	2.51	3	<10	720	1.3	<2	1.91	1.4	11	24	79	2.34	<10
CC56936		0.26	0.4	1.72	6	<10	340	0.7	<2	1.31	2.0	6	26	41	2.17	<10
CC56937		0.16	1.5	2.50	27	<10	370	1.0	<2	0.14	1.7	17	32	49	9.82	10
CC56938		0.22	1.8	1.41	47	<10	110	2.0	<2	0.29	6.6	5	17	106	9.63	<10
CC56939		0.26	0.2	1.94	3	<10	190	0.8	6	7.86	3.1	2	17	13	2.58	<10
CC56940		0.14	<0.2	0.53	<2	<10	50	<0.5	<2	0.08	<0.5	<1	3	6	0.35	<10
CC56941		0.26	2.4	1.60	2	<10	430	1.0	6	2.19	0.8	7	21	47	1.41	<10
CC56942		0.24	0.3	2.36	5	<10	450	0.9	8	1.20	2.5	11	37	14	2.64	<10
CC56943		0.10	0.2	0.33	<2	<10	80	<0.5	<2	1.38	1.0	2	3	8	0.34	<10
CC56944		0.24	0.2	0.71	72	<10	180	<0.5	<2	0.13	0.6	2	9	7	1.01	<10
CC56945		0.20	0.3	0.52	<2	<10	80	<0.5	<2	0.02	<0.5	1	9	5	0.41	10
CC56946		0.20	<0.2	1.58	11	<10	120	<0.5	<2	0.02	<0.5	2	18	7	2.81	10
CC56947		0.20	<0.2	1.31	7	<10	180	<0.5	<2	0.08	<0.5	3	17	10	1.76	<10
CC56948		0.16	<0.2	0.35	<2	<10	50	<0.5	<2	0.03	<0.5	1	5	7	0.42	<10
CC56949		0.18	<0.2	1.16	8	<10	130	<0.5	<2	0.03	0.7	2	17	19	2.01	10
CC56950		0.18	1.2	1.07	2	<10	260	0.7	<2	0.90	1.8	4	7	25	0.78	<10
CC56951		0.16	1.4	1.88	10	<10	410	0.7	<2	1.86	1.3	9	31	65	2.18	<10
CC56952		0.16	2.1	1.93	7	<10	290	0.7	<2	0.89	1.4	4	15	28	1.69	<10
CC56953		0.20	1.1	1.43	6	<10	260	0.7	<2	0.62	0.6	4	12	46	1.38	<10
CC56954		0.18	0.3	0.99	13	<10	110	<0.5	<2	0.08	0.7	3	13	17	1.96	10
CC56955		0.16	0.2	1.70	12	<10	240	0.5	<2	0.11	<0.5	6	20	16	2.48	<10
CC56956		0.18	0.3	0.42	<2	<10	50	<0.5	<2	0.07	<0.5	<1	3	8	0.33	<10
CC56957		0.22	0.6	0.45	5	<10	60	<0.5	<2	0.03	<0.5	1	3	12	0.57	<10
CC56958		0.26	0.2	2.00	6	<10	500	0.7	2	0.06	<0.5	6	23	11	2.47	10
CC56959		0.16	1.1	0.55	<2	<10	140	<0.5	<2	0.38	<0.5	3	4	8	0.46	<10
CC56960		0.22	0.3	0.81	4	<10	120	<0.5	2	0.04	<0.5	2	12	7	0.87	10
CC56961		0.22	<0.2	2.01	4	<10	330	0.7	9	0.23	1.0	6	28	14	2.28	10
CC56962		0.20	0.2	0.73	<2	<10	80	<0.5	5	0.06	0.5	1	5	4	0.76	<10
CC56963		0.18	<0.2	0.52	<2	<10	50	<0.5	<2	0.04	<0.5	1	5	3	0.44	<10
CC56964		0.24	<0.2	1.26	2	<10	130	<0.5	5	0.10	<0.5	2	12	4	1.03	<10
CC56965		0.24	<0.2	1.61	6	<10	270	<0.5	<2	0.22	0.7	3	19	8	1.46	10
CC56966		0.18	0.6	0.71	<2	<10	120	<0.5	<2	0.04	1.0	1	11	8	0.93	10
CC56967		0.18	<0.2	0.46	3	<10	70	<0.5	<2	0.04	0.5	1	5	9	0.50	<10
CC56968		0.28	0.4	2.72	13	<10	400	0.9	<2	1.09	4.2	6	41	36	2.31	10
CC56969		0.24	0.5	0.63	4	<10	150	<0.5	<2	0.07	2.1	2	13	14	1.72	10
CC56970		0.24	2.7	1.51	10	<10	380	2.0	<2	2.60	20.9	12	28	514	1.93	<10
CC56971		0.16	0.3	0.36	2	<10	50	<0.5	<2	0.73	3.1	1	2	37	0.23	<10
CC56972		0.14	1.3	1.77	22	<10	340	0.9	<2	1.67	15.5	12	31	79	2.92	<10



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CERTIFICATE OF ANALYSIS VA09075480

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
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC56933		<1	0.09	10	0.42	121	1	0.03	22	630	10	0.07	<2	2	48
CC56934		<1	0.13	10	0.38	109	1	0.03	18	590	7	0.06	<2	2	45
CC56935		<1	0.17	20	0.54	490	4	0.02	47	950	15	0.06	2	2	62
CC56936		<1	0.18	20	0.58	216	4	0.02	24	690	12	0.05	2	2	48
CC56937		1	0.02	10	2.48	1205	27	0.01	65	1550	27	0.05	7	1	17
CC56938		<1	0.02	10	1.49	829	20	<0.01	65	1190	110	0.04	9	8	22
CC56939		<1	0.02	20	5.41	757	1	0.01	14	780	48	0.05	<2	1	51
CC56940		<1	0.02	<10	0.09	19	<1	0.02	2	130	<2	0.02	<2	<1	9
CC56941		1	0.08	20	0.90	281	1	0.02	21	690	14	0.07	<2	2	64
CC56942		<1	0.13	10	1.20	352	3	0.04	35	570	28	0.04	<2	4	40
CC56943		<1	0.03	<10	0.07	113	1	0.04	3	460	<2	0.05	<2	<1	35
CC56944		<1	0.04	20	0.10	31	1	<0.01	7	160	23	0.01	2	1	10
CC56945		<1	0.06	20	0.10	19	<1	<0.01	4	160	4	0.01	<2	<1	5
CC56946		<1	0.06	20	0.22	56	2	<0.01	10	280	15	0.01	<2	1	6
CC56947		<1	0.08	20	0.31	71	2	0.01	15	240	12	0.01	2	1	11
CC56948		<1	0.03	10	0.02	15	<1	0.01	3	140	2	<0.01	<2	<1	7
CC56949		1	0.06	20	0.17	50	2	<0.01	9	350	12	0.01	<2	1	11
CC56950		<1	0.04	10	0.12	281	<1	0.03	12	820	8	0.04	<2	1	42
CC56951		<1	0.15	10	0.65	497	2	0.02	30	950	13	0.08	2	3	84
CC56952		<1	0.10	10	0.25	131	1	0.02	21	510	11	0.05	<2	2	50
CC56953		<1	0.10	10	0.24	150	2	0.03	32	570	9	0.03	2	2	37
CC56954		<1	0.06	20	0.21	178	6	<0.01	16	380	25	0.01	2	1	13
CC56955		<1	0.11	20	0.47	151	2	0.01	26	340	13	<0.01	<2	2	13
CC56956		<1	0.02	<10	0.01	17	<1	0.02	2	170	<2	0.01	<2	<1	13
CC56957		<1	0.02	10	0.01	25	<1	<0.01	4	170	2	<0.01	<2	<1	6
CC56958		1	0.06	20	0.43	85	3	0.01	22	150	15	0.01	<2	2	11
CC56959		<1	0.03	10	0.06	105	<1	0.04	5	400	10	0.06	<2	<1	21
CC56960		<1	0.05	20	0.20	43	2	<0.01	7	120	14	0.07	<2	1	8
CC56961		<1	0.05	20	0.79	174	9	0.01	24	220	27	0.17	<2	3	17
CC56962		<1	0.02	10	0.04	214	1	0.01	2	90	8	0.23	<2	<1	8
CC56963		<1	0.02	<10	0.24	21	<1	0.02	2	60	2	0.13	<2	<1	13
CC56964		<1	0.04	10	0.24	81	1	0.02	11	200	17	0.07	<2	1	11
CC56965		<1	0.03	20	0.53	53	4	0.01	13	170	10	0.03	<2	1	16
CC56966		<1	0.05	20	0.16	60	3	<0.01	6	310	11	0.02	<2	1	7
CC56967		1	0.02	10	0.04	13	5	0.01	3	120	4	0.01	<2	<1	10
CC56968		<1	0.07	10	1.39	144	13	0.01	86	590	34	0.03	2	3	95
CC56969		<1	0.03	10	0.08	28	12	0.01	16	170	16	0.01	<2	1	13
CC56970		1	0.05	30	0.72	428	8	0.03	230	940	34	0.08	2	3	125
CC56971		<1	0.03	<10	0.03	47	<1	0.05	9	320	<2	0.02	<2	<1	28
CC56972		1	0.06	20	0.74	372	13	0.02	102	1170	33	0.07	<2	3	79



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CERTIFICATE OF ANALYSIS VA09075480

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ti	Ti	U	V	W	Zn
		% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
CC56933		0.06	<10	10	49	<10	140
CC56934		0.07	<10	10	38	<10	70
CC56935		0.04	<10	<10	59	<10	130
CC56936		0.07	<10	<10	59	<10	151
CC56937		0.01	<10	<10	683	<10	195
CC56938		0.02	<10	<10	541	<10	335
CC56939		0.02	<10	<10	90	<10	192
CC56940		0.03	<10	<10	11	<10	14
CC56941		0.05	<10	10	45	<10	109
CC56942		0.11	<10	<10	84	<10	654
CC56943		0.02	<10	<10	9	<10	33
CC56944		0.02	<10	<10	56	<10	59
CC56945		0.02	<10	<10	25	<10	12
CC56946		0.04	<10	<10	88	<10	60
CC56947		0.05	<10	<10	70	<10	74
CC56948		0.02	<10	<10	16	<10	13
CC56949		0.06	<10	<10	74	<10	61
CC56950		0.03	<10	<10	19	<10	38
CC56951		0.08	<10	10	67	<10	108
CC56952		0.03	<10	<10	35	<10	100
CC56953		0.03	<10	10	36	<10	108
CC56954		0.04	<10	<10	139	<10	107
CC56955		0.05	<10	<10	70	<10	135
CC56956		0.02	<10	<10	8	<10	17
CC56957		0.01	<10	<10	18	<10	14
CC56958		0.06	<10	<10	101	<10	121
CC56959		0.02	<10	<10	10	<10	14
CC56960		0.03	<10	<10	47	<10	44
CC56961		0.07	<10	<10	92	<10	274
CC56962		0.01	<10	<10	68	<10	70
CC56963		0.03	<10	<10	15	<10	16
CC56964		0.03	<10	<10	36	<10	122
CC56965		0.02	<10	<10	125	<10	141
CC56966		0.04	<10	<10	100	<10	62
CC56967		0.04	<10	<10	63	<10	22
CC56968		0.13	<10	10	483	<10	861
CC56969		0.11	<10	<10	279	<10	117
CC56970		0.03	<10	50	177	<10	1730
CC56971		0.01	<10	10	12	<10	24
CC56972		0.03	<10	40	232	<10	821



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C/O ARCHER, CATHRO & ASSOCIATES (1981)

LIMITED

1016-510 W HASTINGS ST

VANCOUVER BC V6B 1L8

Project: MC (Fin)

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Finalized Date: 11-AUG-2009

Account: MTT

CERTIFICATE OF ANALYSIS VA09075480

Sample Description	Method Analyte Units LOR	WEI-21	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
		Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC56973		0.32	0.4	2.99	10	<10	300	1.2	<2	1.27	4.8	6	41	36	2.64	10
CC56974		0.16	0.9	1.06	6	<10	150	<0.5	<2	0.18	2.4	3	10	80	3.74	10
CC56975		0.34	0.2	1.90	13	<10	650	0.7	<2	0.13	<0.5	6	23	14	2.40	<10
CC56976		0.20	1.1	3.17	13	<10	370	1.2	<2	0.30	1.9	9	24	9	3.73	10
CC56977		0.24	<0.2	1.97	12	<10	260	0.8	<2	0.52	1.3	8	30	13	2.51	<10
CC56978		0.30	1.1	1.30	15	<10	300	1.1	<2	4.83	3.7	3	27	11	2.83	<10
CC56979		0.24	<0.2	0.72	9	<10	140	<0.5	<2	0.11	1.9	2	17	10	1.58	10
CC56980		0.16	0.2	0.91	2	<10	70	<0.5	<2	0.01	<0.5	1	6	8	0.36	10
CC56981		0.22	<0.2	0.91	15	<10	170	<0.5	<2	0.22	<0.5	2	19	9	1.79	10
CC56982		0.18	1.1	1.75	43	<10	240	0.6	<2	0.29	5.0	7	29	40	3.48	10
CC56983		0.18	0.7	1.67	26	<10	400	1.0	<2	0.80	2.8	11	28	58	2.90	<10
CC56984		0.30	0.2	1.55	19	<10	360	0.6	<2	0.75	1.3	11	26	25	2.42	<10
CC56985		0.18	0.9	1.24	15	<10	380	0.8	<2	2.00	5.6	6	19	82	1.72	<10
CC56986		0.26	0.7	1.57	24	<10	330	0.9	<2	0.87	2.1	11	22	84	2.89	<10



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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
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1	ppm 1
CC56973		1	0.05	10	1.61	132	34	0.01	157	350	28	0.03	2	3	230
CC56974		1	0.02	10	0.38	88	14	0.02	25	590	8	0.02	<2	1	18
CC56975		<1	0.09	20	0.56	121	4	0.01	27	310	29	<0.01	<2	2	17
CC56976		1	0.06	10	0.39	719	2	0.01	25	290	113	0.01	<2	2	30
CC56977		1	0.08	10	0.77	173	2	0.01	33	300	25	0.01	<2	3	25
CC56978		1	0.05	60	2.91	890	1	0.01	21	1600	137	0.02	<2	2	52
CC56979		<1	0.11	20	0.24	63	5	0.01	9	270	14	0.01	<2	1	12
CC56980		<1	0.03	20	0.02	20	<1	0.01	1	80	6	<0.01	<2	<1	5
CC56981		<1	0.12	10	0.34	67	5	0.01	10	290	8	0.01	<2	2	18
CC56982		1	0.06	20	0.64	175	13	0.01	53	790	62	0.01	<2	2	31
CC56983		1	0.07	20	0.77	320	12	0.01	68	1260	39	0.02	<2	4	60
CC56984		1	0.11	10	0.71	260	8	0.01	50	1200	26	0.02	<2	2	54
CC56985		1	0.06	20	0.48	166	4	0.02	56	900	21	0.07	<2	2	104
CC56986		<1	0.08	30	0.66	335	6	0.01	55	930	30	0.01	2	3	53



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CERTIFICATE OF ANALYSIS VA09075480

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ti	Ti	U	V	W	Zn
		%	ppm	ppm	ppm	ppm	ppm
		0.01	10	10	1	10	2
CC56973		0.13	<10	10	437	<10	1315
CC56974		0.06	<10	<10	221	<10	61
CC56975		0.03	<10	<10	80	<10	180
CC56976		0.03	<10	<10	89	<10	265
CC56977		0.07	<10	<10	88	<10	536
CC56978		0.03	<10	<10	91	<10	366
CC56979		0.12	<10	<10	82	<10	96
CC56980		0.04	<10	<10	23	<10	9
CC56981		0.09	<10	<10	79	<10	71
CC56982		0.04	<10	<10	252	<10	491
CC56983		0.04	<10	20	175	<10	418
CC56984		0.05	<10	<10	146	<10	358
CC56985		0.02	<10	30	101	<10	364
CC56986		0.03	<10	20	91	<10	326

APPENDIX IV
ROCK SAMPLE DESCRIPTIONS

Rock Sample Descriptions			Project: <u>Finlayson</u>	Property: <u>MC</u>		
Sample Number:	Grid East:	E	Grid North:	N	Type: chip	Dimension:
H248534	UTM:	E	UTM:	N	Sample Width: 1.4 m	Abundance:
	Elevation:	m				
Comments: Med grey dolostone with white bands of more calcareous material, weak limonite on fractures and rare calcite veins (~1 cm) with moderate limonite alteration. Trench 1 5.5 - 6.9 m						
Sample Number:	Grid East:	E	Grid North:	N	Type: chip	Dimension:
H248535	UTM:	E	UTM:	N	Sample Width: 1 m	Abundance:
	Elevation:	m				
Comments: Silicified strongly altered zone, possibly qtz vein and alteration halo, of white silicified rock that is stained orange by strong limonite. Also has extensive manganese staining. Trench 1 4.5 - 5.5 m						
Sample Number:	Grid East:	E	Grid North:	N	Type: chip	Dimension:
H248536	UTM:	E	UTM:	N	Sample Width: 2 m	Abundance:
	Elevation:	m				
Comments: Med grey dolostone with white bands of more calcareous material, weak limonite on fractures and rare calcite veins (~1 cm) with moderate limonite alteration. Trench 1 2.5 - 4.5 m						
Sample Number:	Grid East:	E	Grid North:	N	Type: chip	Dimension:
H248537	UTM:	E	UTM:	N	Sample Width: 2.5 m	Abundance:
	Elevation:	m				
Comments: Med grey dolostone with white bands of more calcareous material, weak limonite on fractures and rare calcite veins (~1 cm) with moderate limonite alteration. Trench 1 0 - 2.5 m						
Sample Number:	Grid East:	E	Grid North:	N	Type: chip	Dimension:
H248538	UTM:	E	UTM:	N	Sample Width: 3 m	Abundance:
	Elevation:	m				
Comments: Med grey dolostone with thin wispy calcite veinlets (~0.5 - 1.5 mm) with weak to moderate limonite alteration. Veinlet frequency ranges from ~2 in 10 cm to ~6 in 10 cm @ 2.0 to 2.2 m the dolostone has weakly graphitic layers parallel to bedding ~ sub-horizontal Trench 3 0 - 3 m						
Sample Number:	Grid East:	E	Grid North:	N	Type: chip	Dimension:
H248539	UTM:	E	UTM:	N	Sample Width: 3 m	Abundance:
	Elevation:	m				
Comments: Med grey dolostone with thin wispy calcite veinlets (~0.5 - 1.5 mm) with weak to moderate limonite alteration. Veinlet frequency ranges from ~2 in 10 cm to ~6 in 10 cm @ 2.0 to 2.2 m the dolostone has weakly graphitic layers parallel to bedding ~ sub-horizontal Trench 3 3 - 6 m						