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ASSESSMENT REPORT

describing

EXCAVATOR TRENCHING, SOIL GEOCHEMICAL SAMPLING AND GEOPHYSICAL SURVEYS

at the

HOPPER PROPERTY

Hopper 1-20	YC41091-YC41110
21-162	YC47017-YC47158
163-168	YC65915-YC65920
170	YC47159
Gal 1-8	YC65907-YC65914

NTS 115H/07
Latitude 61º18'N; Longitude 137º52'W

in the

Whitehorse Mining District
Southwestern Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

STRATEGIC METALS LTD.

by

Katrina Jessen, B.Sc.
April 2008

TABLE OF CONTENTS

	PAGE
INTRODUCTION	1
PROPERTY LOCATION, CLAIM DATA AND ACCESS	1
GEOMORPHOLOGY AND VEGETATION	2
PREVIOUS WORK	2
REGIONAL GEOLOGY	3
PROPERTY GEOLOGY	3
GEOCHEMISTRY	5
MINERALIZATION	6
EXCAVTOR TRENCHING	7
GEOPHYSICAL SURVEYS	8
DISCUSSION AND CONCLUSIONS	8
REFERENCES	10

APPENDICES

I STATEMENT OF QUALIFICATIONS

II CERTIFICATES OF ANALYSIS

III ROCK SAMPLE DESCRIPTIONS

IV GEOPHYSICAL REPORTS BY GEOTECH LTD. INCLUDING THE CDS WITH DIGITAL SURVEY DATA

FIGURES

No.	Description	Follows Page
1	Property Location	1
2	Claim Location	1
3	Tectonic Setting	3
4	Regional Geology	3
5	Property Geology	4
6	Soil Sample Location	5
7	2007 Rock Sample and Trench Locations	5
8	Copper Geochemistry	5
9	Molybdenum Geochemistry	5
10	Trench 2	7
11	Trench 3	7
12	Trench 4	7
13	Trench 5	7
14	Electromagnetic Response	8
15	Magnetic Susceptibility	8

TABLES

No.	Description	Page
I	Property Lithological Units	3

INTRODUCTION

The Hopper property covers a copper prospect located in southwestern Yukon. It is owned 100% by Strategic Metals Ltd. The initial staking was done in February 2006 and the property was expanded in June 2006 upon receipt of favourable results. The property was expanded again in September 2007.

The 2007 exploration program was managed by Archer, Cathro & Associates (1981) Limited. Work consisted of claim staking, prospecting, rock and soil sampling, excavator trenching and property-wide helicopter-borne versatile time domain electromagnetic (VTEM) and magnetometer surveys. A crew of four to ten people performed the work between June 5 and July 4 from a tent camp on the property. The geophysical surveys were conducted at various times during July by Geotech Limited from a temporary base at the Haines Junction airport, with intraday refuelling at a staging area on the Aishihik Lake Road. The author participated in the field program and her Statement of Qualifications appears in Appendix I.

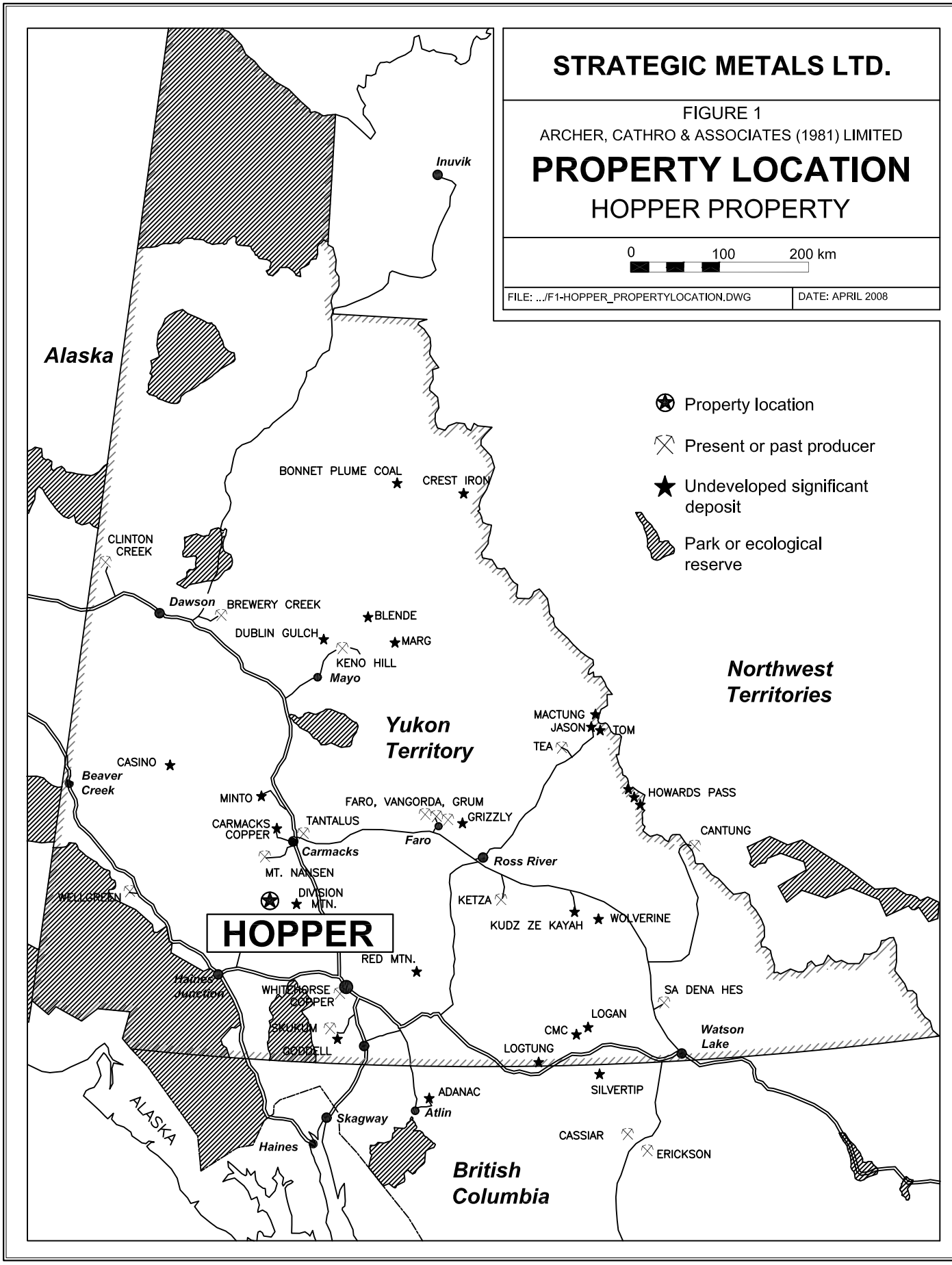
PROPERTY LOCATION, CLAIM DATA AND ACCESS

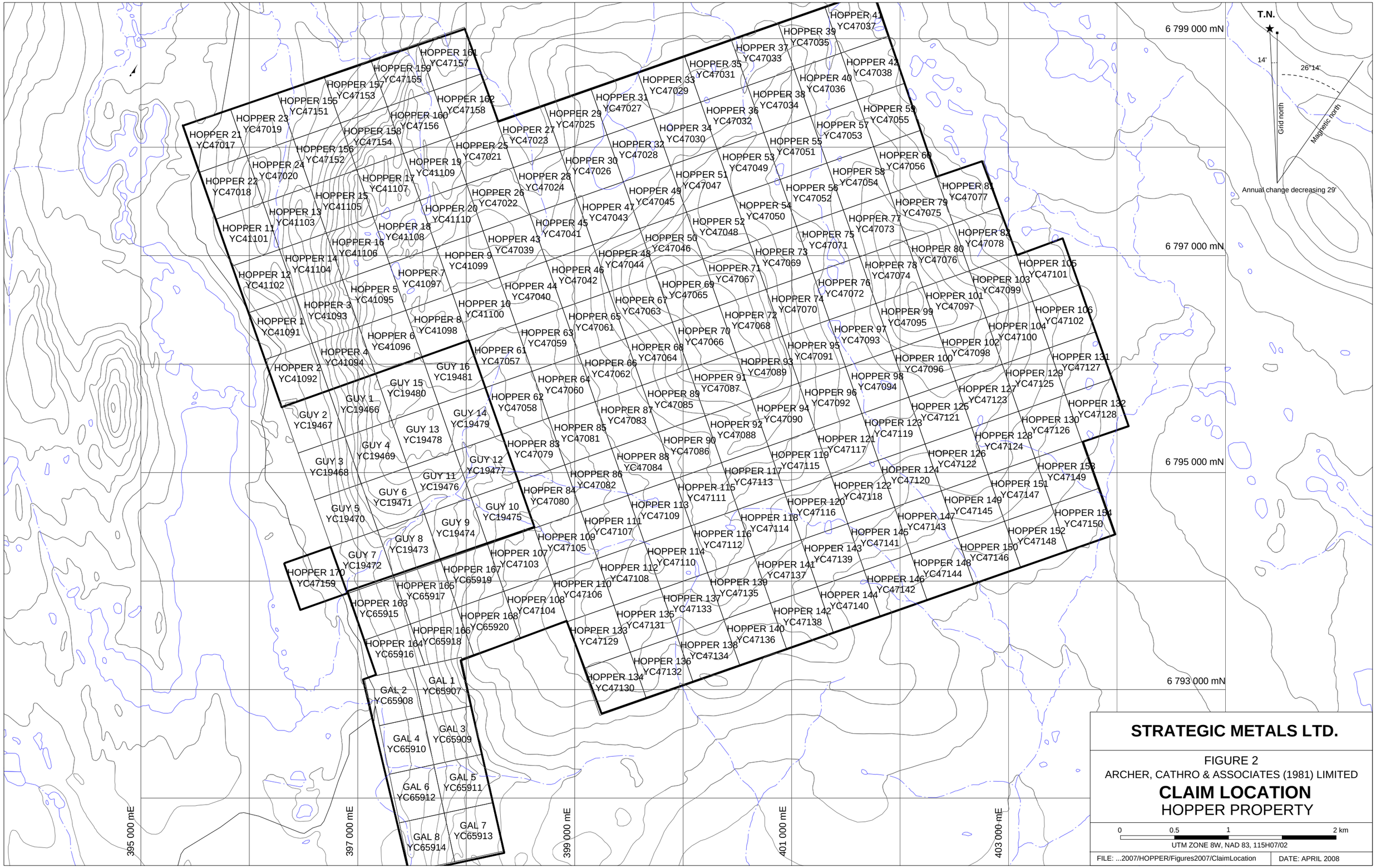
The Hopper property totals 177 mineral claims, including 176 contiguous claims in the main block and one claim located about two kilometres to the southwest, bordering the adjoining Guy property. The claims are situated in southwestern Yukon at latitude 61º18'N and longitude 137º52'W on NTS map sheet 115 H/07. The general location of the property is shown on Figure 1 while the locations of individual claims are illustrated on Figure 2. The claims were staked under the Yukon Quartz Mining Act and are registered with the Whitehorse Mining Recorder in the name of Archer Cathro, which holds them in trust for Strategic. The claims cover an area of approximately 3,700 hectares. Claim registration data are listed below.

Claim Name	Grant Number	Expiry Date
Hopper 1-20	YC41091-YC41110	February 15, 2016*
21-162	YC47017-YC47158	February 15, 2014*
163-168	YC65915-YC65920	October 1, 2008
170	YC47159	February 15, 2014*
Gal 1-8	YC65907-YC65914	October 1, 2008

*Expiry dates include 2007 work which has been filed for assessment credit but not yet accepted.

The Hopper property lies alongside the Aishihik Lake Road, 52 km north of Otter Falls Cutoff at Km 1602 on the Alaska Highway. Otter Falls Cutoff is 128 km west of Whitehorse. Access in 2007 for the camp, fuel and personnel was via helicopter from a staging area alongside the all-season, two-wheel drive Aishihik Lake Road. The helicopter was a Bell 206B operated by Capital Helicopters (1995) Inc. from its base in Whitehorse. A system of bush roads and bulldozer trails, which extends from the Aishihik Lake Road to the property via the Guy claims, was used to mobilize and demobilize an excavator that was used for trenching purposes.


STRATEGIC METALS LTD.
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
HOPPER PROPERTY
0
100
200 km
FILE: .../F1-HOPPER_PROPERTYLOCATION.DWG
DATE: APRIL 2008
Property location
Present or past producer
Undeveloped significant deposit
Park or ecological reserve
Alaska
Inuvik
BONNET PLUME COAL
CREST IRON
CLINTON CREEK
Dawson
BREWERY CREEK
BLENDE
DUBLIN GULCH
MARG
KENO HILL
Mayo
Yukon Territory
Northwest Territories
MACTUNG
JASON
TOM
TEA
CASINO
Beaver Creek
MINTO
FARO, VANGORDA, GRUM
GRIZZLY
HOWARDS PASS
CARMACKS COPPER
TANTALUS
Faro
CANTUNG
Carmacks
Ross River
MT. NANSEN
DIVISION MTN.
WELLGREEN
KETZA
KUDZ ZE KAYAH
WOLVERINE
HOPPER
RED MTN.
Haines Junction
WHITEHORSE COPPER
SA DENA HES
LOGAN
SKUKUM
CMC
Watson Lake
GODDELL
LOGTUNG
SILVERTIP
ADANAC
Atlin
ALASKA
Skagway
CASSIAR
Haines
ERICKSON
British Columbia


T.N.
14°
26°14'
Grid north
Magnetic north
Annual change decreasing 29'
6 799 000 mN
6 797 000 mN
6 795 000 mN
6 793 000 mN
395 000 mE
397 000 mE
399 000 mE
401 000 mE
403 000 mE
HOPPER 1 YC41091
HOPPER 2 YC41092
HOPPER 3 YC41093
HOPPER 4 YC41094
HOPPER 5 YC41095
HOPPER 6 YC41096
HOPPER 7 YC41097
HOPPER 8 YC41098
HOPPER 9 YC41099
HOPPER 10 YC41100
HOPPER 11 YC41101
HOPPER 12 YC41102
HOPPER 13 YC41103
HOPPER 14 YC41104
HOPPER 15 YC41105
HOPPER 16 YC41106
HOPPER 17 YC41107
HOPPER 18 YC41108
HOPPER 19 YC41109
HOPPER 20 YC41110
HOPPER 21 YC47017
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HOPPER 167 YC65919
HOPPER 168 YC65920
HOPPER 170 YC47159
GUY 1 YC19466
GUY 2 YC19467
GUY 3 YC19468
GUY 4 YC19469
GUY 5 YC19470
GUY 6 YC19471
GUY 7 YC19472
GUY 8 YC19473
GUY 9 YC19474
GUY 10 YC19475
GUY 11 YC19476
GUY 12 YC19477
GUY 13 YC19478
GUY 14 YC19479
GUY 15 YC19480
GUY 16 YC19481
GAL 1 YC65907
GAL 2 YC65908
GAL 3 YC65909
GAL 4 YC65910
GAL 5 YC65911
GAL 6 YC65912
GAL 7 YC65913
GAL 8 YC65914
STRATEGIC METALS LTD.
FIGURE 2
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
CLAIM LOCATION
HOPPER PROPERTY
0 0.5 1 2 km
UTM ZONE 8W, NAD 83, 115H07/02
FILE: ...2007/HOPPER/Figures2007/ClaimLocation
DATE: APRIL 2008

GEOMORPHOLOGY AND VEGETATION

The Hopper property is located in an unnamed mountain range within the Kluane Plateau physiographic region. It is in a subalpine setting with local elevations ranging from 1000 to 1645 m above sea level. The lowest areas are located near the Aishihik Lake Road and exhibit glacial features such as small eskers, kames, kettles and assorted till deposits. These areas are densely forested with stunted spruce, willow and birch. The uplands begin approximately 800 m east of the road and consist of a broad, buckbrush covered plateau featuring gently undulating knolls, swamps and small lakes. The upland plateau is separated from the lowlands by a steep (30°), moderately vegetated hillside. Treeline is at about 1500 m. Outcrop is most common on the steep hillside and atop glacially scoured knolls in the uplands.

Although the Hopper area is arid and many creeks only flow during seasonal runoff, the small lakes should provide sufficient water for camp and drilling purposes throughout summer and fall. All creeks on the property drain into Hopkins Lake, which is part of the Yukon River watershed.

PREVIOUS WORK

Cursory exploration was done in the area currently occupied by the Hopper claims intermittently between 1907 and 1967. However, there is little documentation of this work or results obtained.

In 1968 Mitsubishi Metal Mining Corporation staked the area and conducted geological mapping, grid soil sampling and a small amount of bulldozer trenching (Kikuchi, 1968). The sampling was done in an area roughly 6000 by 3600 m. It outlined moderate to strong copper-in-soil geochemical anomalies, within a dioritic stock and adjoining metasediments. Copper values ranged up to 660 ppm. Although much of the anomalous area is poorly exposed, a number of showings were discovered. Most consist of finely disseminated pyrite, chalcopyrite, pyrrhotite, and lesser molybdenum in relatively unaltered diorite. Chip samples across bedrock exposures returned promising assays including 0.52% copper over 45.72 m, 0.25% copper over 60.96 m, 0.24% copper over 45.72 m and 0.18% copper over 60.96 m. No gold or silver assays were reported. In 1969 Mitsubishi performed bulldozer trenching but no results were documented, probably because little bedrock was exposed.

In 1977 Whitehorse Copper Mines Limited explored an area that is now on the Guy claims, which adjoin the Hopper property to the southwest. This work identified copper rich skarns (Hureau, 1978). The best results are from two diamond drill holes, one yielding 1.94% copper over 18.59 m (no reported gold) and the other returning 2.23% copper and 0.785 g/t gold over 6.48 m.

In 2006 Strategic Metals Ltd. staked the Hopper claims and conducted soil sampling, geological mapping and prospecting. Soil sampling in the western part of the property outlined an area, roughly 2300 m long by an average of 400 m wide, with moderate to strong copper-in-soil geochemical response to a peak value of 1275 ppm. This anomalous area is open to the north, south and west and merges with a smaller lobe of elevated copper values (400 by 400 m) to the east. Samples taken along the southern edge of the grid outlined a third, 400 by 200 m area of weakly to moderately anomalous copper values (up to 718 ppm). Molybdenum response is well

correlated with copper, yielding a maximum value of 95 ppm. Slightly elevated lead (to 37 ppm) and zinc (to 296 ppm) values occur as coincident, single point anomalies and as clusters in the western part of the property. Eight specimens of intrusive rock collected during the 2006 program yielded between 0.11% and 1.53% copper with up to 11.6 g/t silver. The average of these samples was 0.65% copper. Four of the samples are classified as weakly magnetic diorite while the remainder are categorized as granodiorite (Wengzynowski, 2007).

REGIONAL GEOLOGY

The Hopper property is located between the Tintina Fault, 150 km to the northeast and the Denali-Shakwak Fault, 75 km to the southwest (Figure 3). Both faults are steeply dipping transcurrent structures that have seen hundreds of kilometres of dextral strike-slip offset. Tectonic interpretation places the property within the Yukon-Tanana Terrane (Gordey and Makepeace, 1999). The local stratigraphy consists largely of Late Proterozoic to Paleozoic quartz-mica schist belonging to the Nisling Subterrane (Tempelman-Kluit, 1981). This package of strata form a northwest trending belt between 5 and 15 km wide that is bound along both sides by Mesozoic and Cenozoic intrusive rocks (Wheeler and McFeeley, 1991).

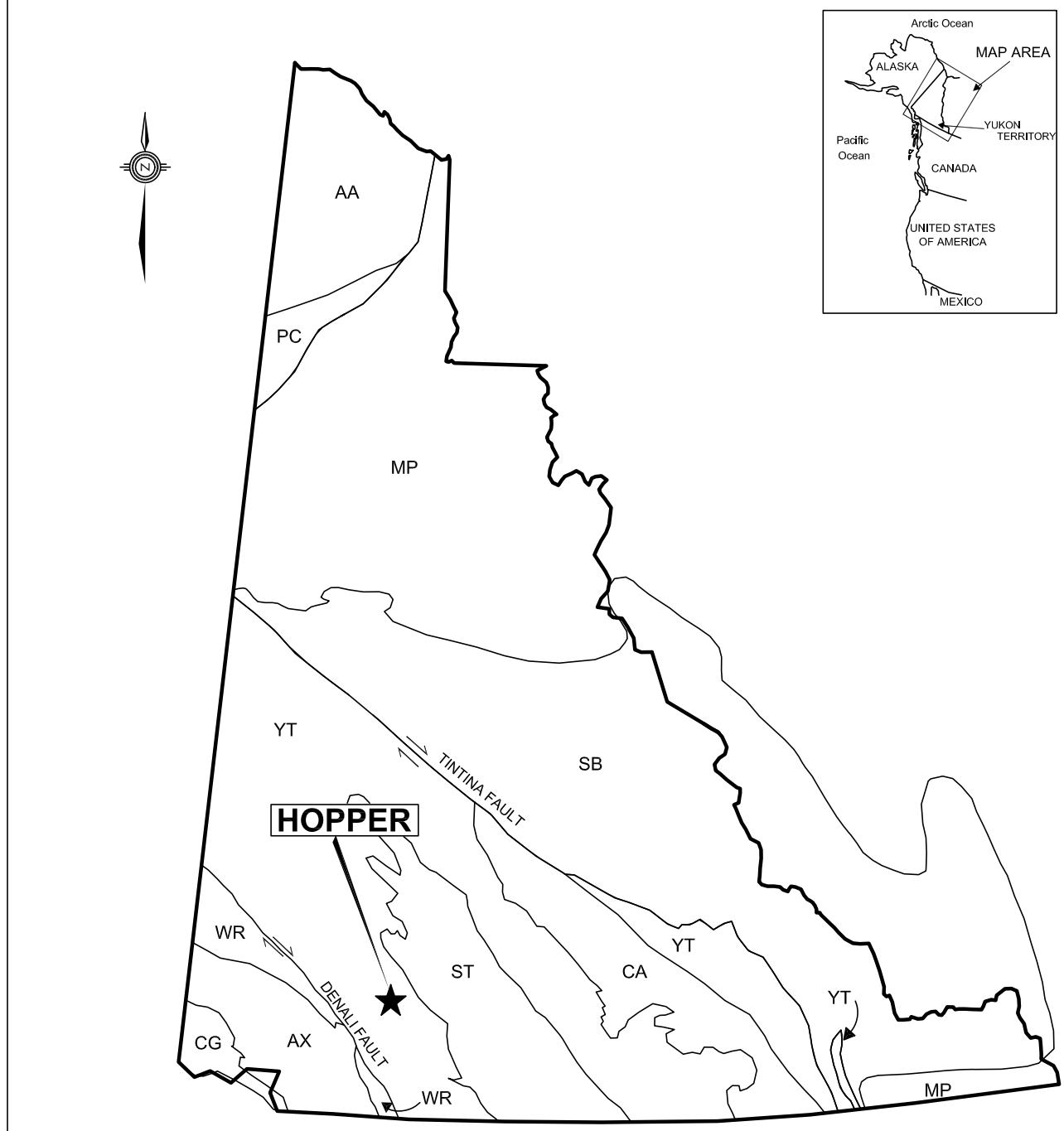
Early Jurassic intrusive rocks of the Long Lake and Aishihik Plutonic Suites are found northeast of the Nisling Subterrane (Figure 4). They are primarily intermediate plutonic rocks but include felsic and mafic end members. Late Cretaceous to Early Tertiary intrusive rocks, primarily of the Ruby Range Plutonic Suite, form an extensive band southwest of the Nisling Subterrane and appear as smaller stocks within it. Government airborne magnetic surveys (GSC, 1966) identify strong positive magnetic anomalies associated with the Late Cretaceous to Early Tertiary intrusions.

PROPERTY GEOLOGY

Geological mapping was conducted in the vicinity of the Hopper property at 1: 50,000 scale by S. Johnston and J. Timmerman of the Yukon Geological Survey in 1997 and by Strategic during the 2006 exploration program at 1:10,000 scale. This mapping identified two intrusive units and four metamorphic units that collectively comprise the Aishihik Metamorphic Suite (AMS). Lithologies are summarized in Table I.

Table I - Property Lithological Units

Unit	Age	Description
Youngest Intrusive	Eocene	
Efp		North trending, olive to orange weathering, green feldspar porphyry dyke rocks, hornblende phenocrysts are common; includes minor buff weathering, tan to orange, leucocratic quartz-eye feldspar porphyry.
Ruby Range Plutonic Suite	Late Cretaceous-Tertiary	
KTgRR		Grey to light brown weathering, light to dark grey,



ANCESTRAL NORTH AMERICA

MP	Mackenzie Platform
SB	Selwyn Basin

TERRANES
Displaced Continental Margin

AA	Arctic Alaska
CA	Casslar
PC	Porcupine

Pericratonic Terranes

YT	Yukon-Tanana / Slide Mountain

ACCRETED TERRANES

ST	Stikinia / Cache Creek
AX	Alexander
WR	Wrangellia
CG	Chugach

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FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

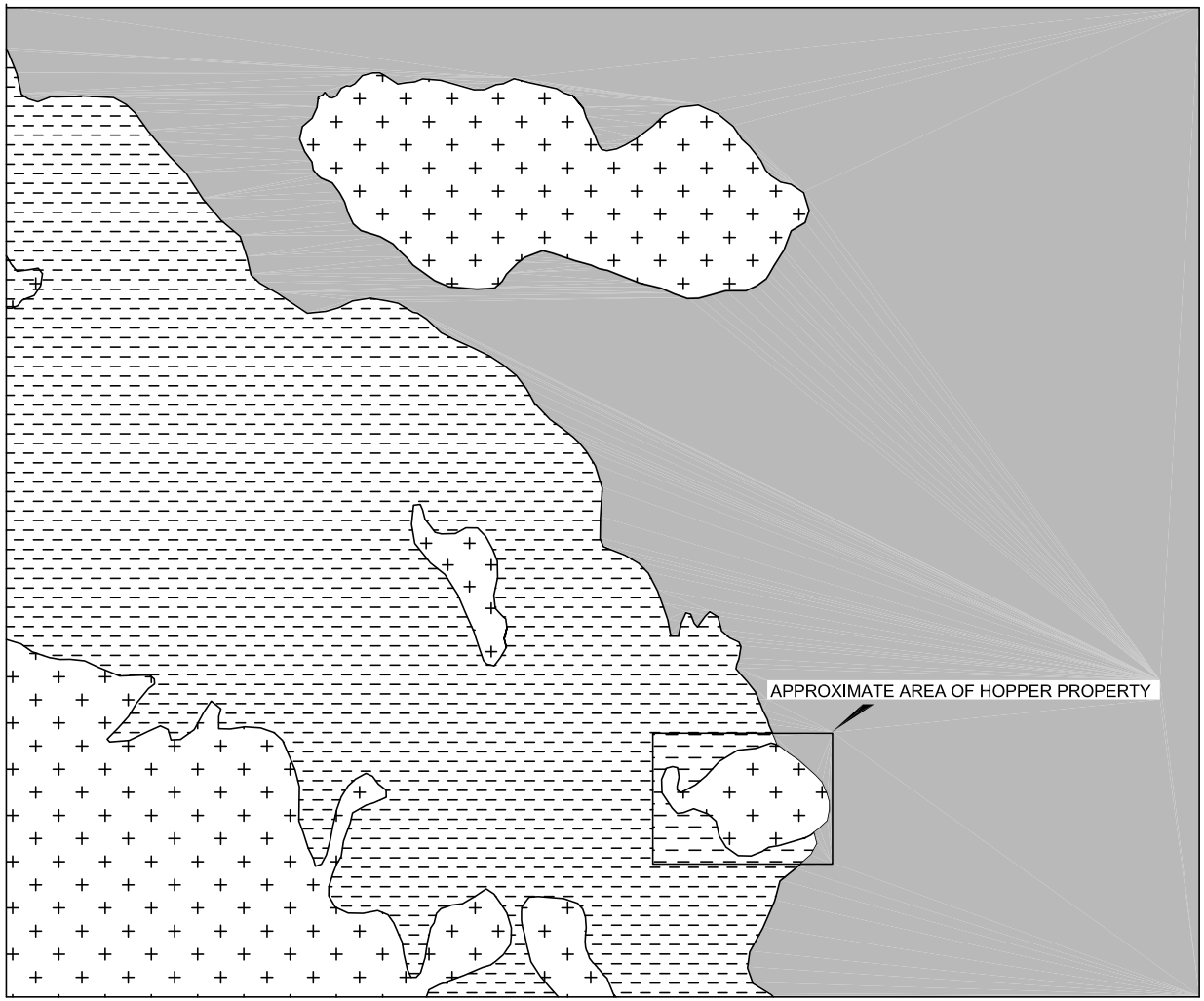
TECTONIC SETTING
HOPPER PROPERTY

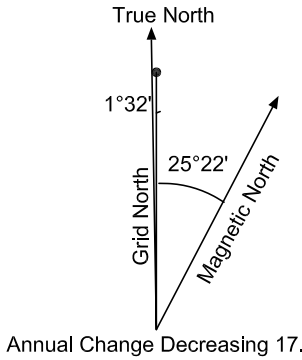
0 100 200 km

DRAWN\REVISED BY: HKS

FILE: ...\FIG 03 -GEOLOGIC SETTING

DATE: APRIL 2008





Late Cretaceous to Early Tertiary Ruby Range Plutonic Suite

Early Jurassic Long Lake/Aishihik Plutonic Suites

Late Paleozoic Aishihik Metamorphic Suite

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FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL GEOLOGY
HOPPER PROPERTY

0 100 200 km

FILE: ...\FIG 04 - REGIONAL GEOLOGY

DATE: APRIL 2008

		medium to coarse grained, equigranular to megaporphyritic, biotite-hornblende granodiorite, hornblende-biotite monzodiorite and quartz monzonite.
Aishihik Metamorphic Suite	Late Proterozoic-Paleozoic	
PAMs		Tan to brown to black quartzite; minor mica schist, marble, metabasite and felsic meta-igneous rocks.
PAMc		Bleached white weathering, white to grey, coarsely crystalline, flow banded, fetid marble; minor chert and metabasite.
PAMb		Orange and green weathering, green to black hornblende metabasite; hornblende amphibolite, gneiss, and quartzite. Units adjacent to Unit PAMc marble horizons may include significant amounts of epidote-diopside calc-silicate.
PAM		Pink-purple, red, and dark grey weathering, dark grey to brown, garnetiferous, muscovite-biotite feldspathic mica schist and quartz-mica schist; foliaform quartz and quartz-feldspar lenses are common.

(After Johnston and Timmerman, 1997)

Most of the property is underlain by a 7 km long by 5 km wide stock that is flanked to the northeast and southwest by rocks of the AMS. This stock is a feldspar megaporphyritic, felsic to intermediate pluton of the Ruby Range Plutonic Suite. It is crudely zoned by texture and composition with a margin of aphanitic metabasite and a core of coarse grained quartz-biotite-hornblende diorite. Very fine grained magnetite is noted in both phases. The intrusion appears to be relatively unaltered, aside from a few small zones with weak clay alteration of feldspar on weathered surfaces.

The basement rocks belong to the AMS, which comprises a gently southeast dipping package of quartz-mica schist, phyllite and quartz grit with narrow interbands of thinly bedded, dirty limestone and calcareous metasediments. Weak to moderate pervasive calc-silicate alteration and skarn horizons are locally developed near the intrusive contact. The skarns are dark green to black with varying amounts of actinolite, diopside, anhydrite, garnet, and magnetite.

Structure is dominated by north trending, steeply east- or west-dipping fault and fracture zones. These zones commonly contain felsic to mafic porphyry dykes and quartz-carbonate veinlets, veins and breccias. A secondary, roughly orthogonal fracture set trends northeasterly and is healed with quartz and/or carbonate veinlets and veins.

Only the west-central part of the property has been mapped in any detail. This data is shown on Figure 5.

396 000 mE
397 000 mE
398 000 mE
399 000 mE
6 798 000 mN
6 797 000 mN

T.N.
1° 32'
25° 22'
Grid north
Magnetic north
Annual change decreasing 17.8'

Lst
Lst
14
Some calc-silicate layering
20
Old trench
meta seds
green volcanic intrus.
marble
porphyry
calc-silicate
Qtz-carbon
massive garnet
Lst
30
90
skarn
20
Malachite on grit, cpy
gneiss
f/g mafic dyke
porphyry
massive garnet
45
Altn zone
porphyry
Lst
skarn
massive magnetite
60.96 m @ 0.25% Cu
Skarn mzn
carbonate material
60
Fract control mzn
45.72 m @ 0.52% Cu
30.48 m @ 0.10% Cu
Qtz-carb vein
pseudo skarn
60.96 m @ 0.18% Cu
30.48 m @ 0.21% Cu
Abundant cpy mzn
45.72 m @ 0.24% Cu
Qtz-carb vein float: cpy, mol
Matrix hosted mzn
Fract control mzn
Fract control mzn
Hbld-bi diorite with mol, cpy on fractures and in matrix
Rusty zones
Qtz-Carb altn zone
Oxidized soil
Qtz-Carb material
74
20
68
64
80
86

- Approx. Mitsubishi sample location
- Mitsubishi trench location
- 2007 excavator trench
- 2007 hand trench
- Mineralization
- Contact (known, inferred)
- Fault
- Linear feature
- Main intrusive stock

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FIGURE 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PROPERTY GEOLOGY

HOPPER PROPERTY

0 100 200 300 400 500m

UTM Zone 8, NAD83, 115H/7

FILE: .../2007/Hopper/Fig 5.dwg | DATE: APRIL 2008

GEOCHEMISTRY

In 1985 the GSC performed regional stream sediment sampling across the Aishihik Lake Map Sheet (Hornbrook, et al., 1985). Three samples were taken from creeks draining the Hopper property. They returned moderately anomalous copper and lead values to peaks of 51 ppm and 68 ppm respectively, which are in the 95th percentile for the survey area. Results for other elements did not exceed regional background values.

In 2006 Strategic completed extensive grid soil sampling in the western part of the property and reconnaissance-style sampling along widely spaced, contour-controlled lines in the eastern part.

In 2007, a total of 165 soils and 168 rock samples were collected. Most of the soil sampling was done on a grid to fill in a gap in the earlier grid coverage, or along a contour line on the steep hillside at the western edge of the plateau (Figure 6). Soil samples were also taken along the floors of the excavator trenches that did not reach bedrock. The grid samples were collected at 100 m intervals along lines spaced 100 m apart and the contour samples were collected at 100 m intervals along the traverse line. The trench samples were taken at closer but often irregularly spaced intervals. Handheld Global Positioning Satellite (GPS) devices were used to determine contour sample locations and to provide outside survey control for the grids. All sample sites are marked by half metre wooden pickets bearing aluminium tags inscribed with sample numbers. The samples were collected from B horizon soil, typically found between 20 and 60 cm below surface, in holes that were dug using a mattock. Sample material was placed in individually pre-numbered Kraft bags. Of the 168 rock samples taken during the 2007 exploration program, 80 are grab and chip samples from excavator trenches, and the remaining 88 are chip samples and saw channel samples. The general trench locations and relative positions of the individual chip and channel samples are shown on Figure 7.

All of the samples collected in 2007 were sent to ALS Chemex in North Vancouver. Soils were dried and screened to -180 microns. Rocks were crushed to better than 70% passing 2 mm, then a 250 g split was pulverized to better than 85% passing 75 microns. The resulting fine fractions for both soil and rock samples were analyzed for gold using fire assay and inductively coupled plasma-atomic emission spectroscopy and for 34 other elements by aqua regia digestion followed by inductively coupled plasma-atomic emission spectroscopy. Certificates of Analysis are contained in Appendix II. Rock sample descriptions appear in Appendix III. Analytical results for rock samples are discussed in the Mineralization section. Trench sampling results are described in the Trenching section. Copper and molybdenum soil geochemical results are shown on Figures 8 to 9, respectively, and are discussed in the following paragraph.

The 2007 grid and contour soil sampling was designed to establish the extent of the anomalous copper values in the western part of the property, which had been partially outlined in 2006. The grid soil samples returned background to weakly anomalous values for copper, with a peak value of 383 ppm. The contour soil samples returned background to highly anomalous values for copper, with a peak value of 1380 ppm. The other metals returned mostly background values to peaks of 16 ppm molybdenum, 19 ppm lead, 89 ppm zinc, and 1 ppm silver. The cores of the anomalies appear to have been defined but their edges have not yet been fully delineated.

397 000 mE

398 000 mE

400 000 mE

6 799 000 mN

6 798 000 mN

6 797 000 mN

PROPERTY BOUNDARY

T.N.

14'

26°14'

Grid north

Magnetic north

Annual change decreasing 29'

STRATEGIC METALS LTD.

FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SOIL SAMPLE LOCATION

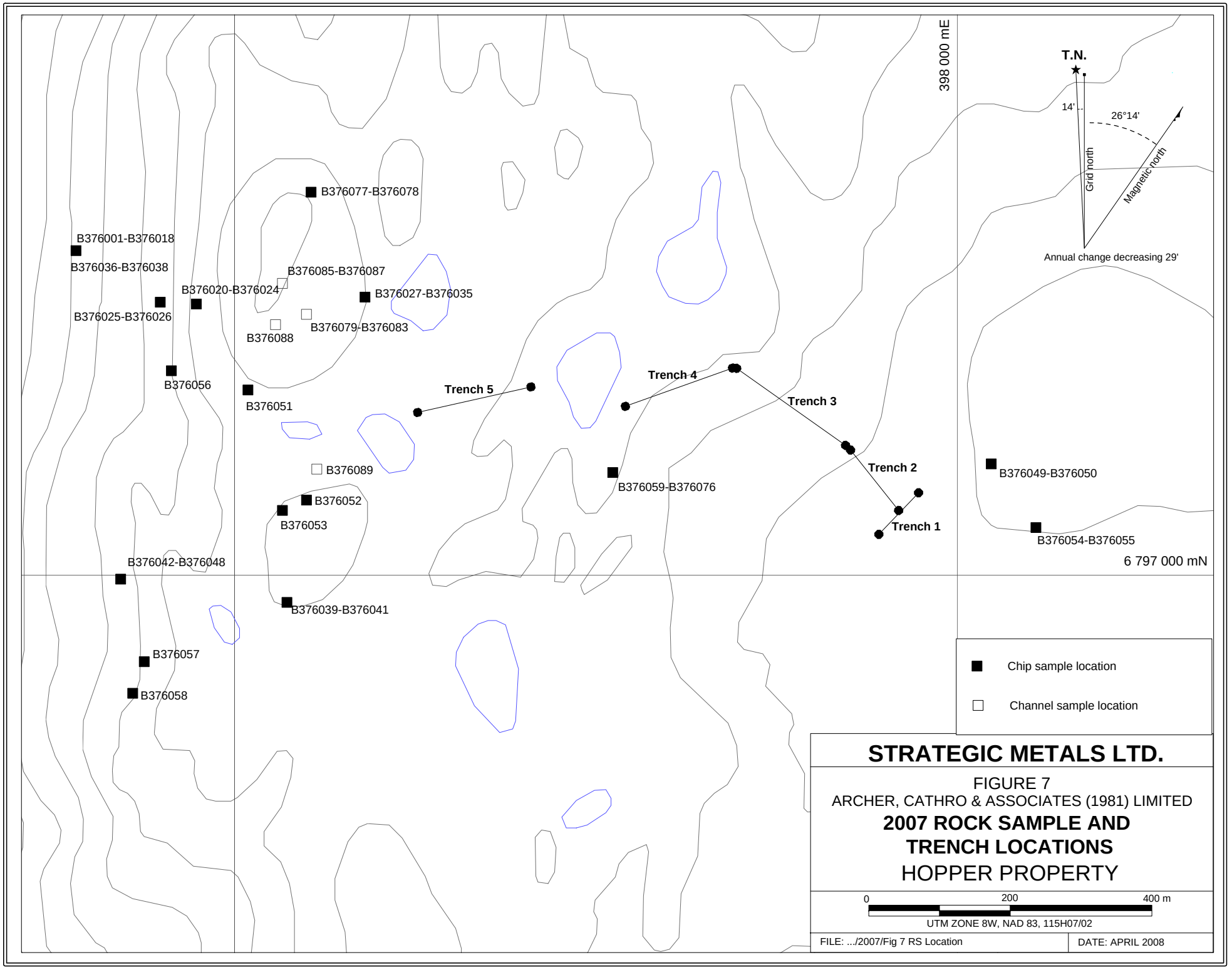
HOPPER PROPERTY

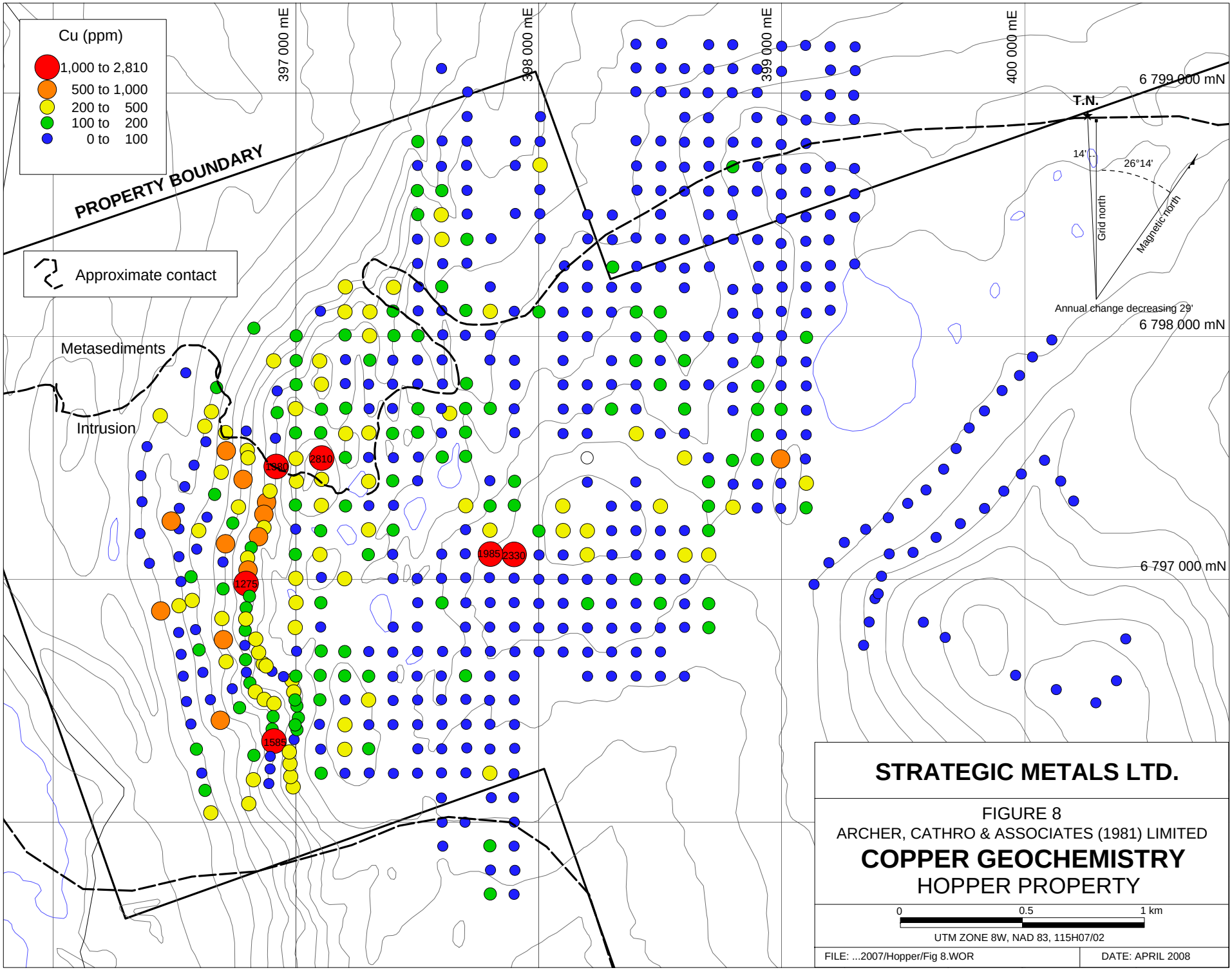
0 0.5 1 2 3 km

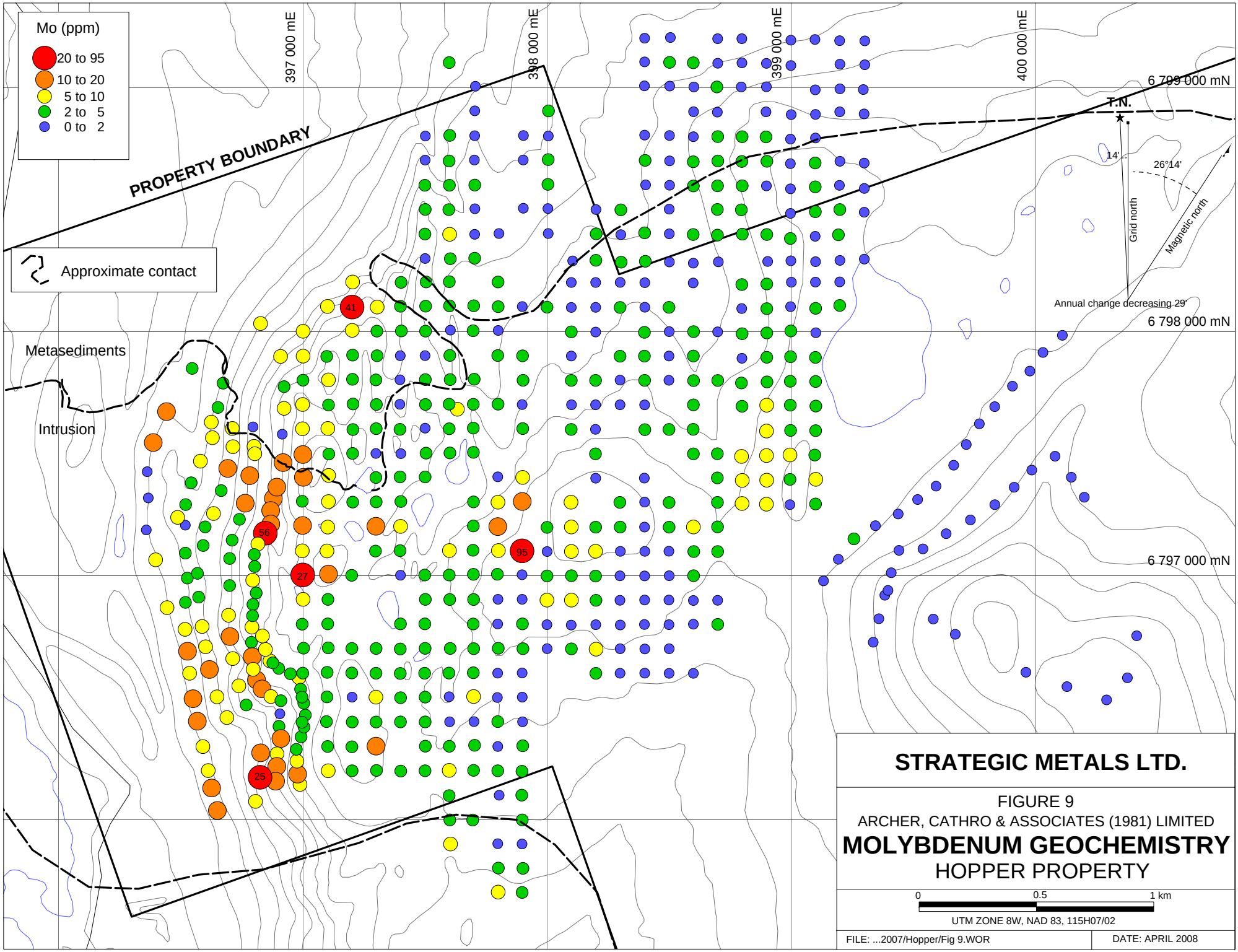
UTM ZONE 8W, NAD 83, 115H07/02

FILE: ...2007/Hopper/Fig 7 Soil Sample Location.WOR

DATE: APRIL 2008


398 000 mE
T.N.
14'
26°14'
Grid north
Magnetic north
Annual change decreasing 29'
B376077-B376078
B376001-B376018
B376036-B376038
B376085-B376087
B376020-B376024
B376027-B376035
B376025-B376026
B376088
B376079-B376083
B376056
B376051
Trench 5
Trench 4
Trench 3
B376089
B376059-B376076
Trench 2
B376049-B376050
B376052
B376053
Trench 1
B376054-B376055
6 797 000 mN
B376042-B376048
B376039-B376041
B376057
B376058
Chip sample location
Channel sample location
STRATEGIC METALS LTD.
FIGURE 7
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
2007 ROCK SAMPLE AND TRENCH LOCATIONS
HOPPER PROPERTY
0
200
400 m
UTM ZONE 8W, NAD 83, 115H07/02
FILE: .../2007/Fig 7 RS Location
DATE: APRIL 2008


Cu (ppm)
1,000 to 2,810
500 to 1,000
200 to 500
100 to 200
0 to 100
PROPERTY BOUNDARY
Approximate contact
Metasediments
Intrusion
397 000 mE
398 000 mE
399 000 mE
400 000 mE
6 799 000 mN
6 798 000 mN
6 797 000 mN
T.N.
14°
26°14'
Grid north
Magnetic north
Annual change decreasing 29'
1380
2810
1985
2330
1275
1585
STRATEGIC METALS LTD.
FIGURE 8
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
COPPER GEOCHEMISTRY
HOPPER PROPERTY
0
0.5
1 km
UTM ZONE 8W, NAD 83, 115H07/02
FILE: ...2007/Hopper/Fig 8.WOR
DATE: APRIL 2008



STRATEGIC METALS LTD.

FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

MOLYBDENUM GEOCHEMISTRY

HOPPER PROPERTY

0 0.5 1 km

UTM ZONE 8W, NAD 83, 115H07/02

FILE: ...2007/Hopper/Fig 9.WOR

DATE: APRIL 2008

MINERALIZATION

Three types of mineralization have been observed at the Hopper property: 1) intrusive hosted, disseminated sulphide; 2) sulphide-oxide bearing skarn; and, 3) epigenetic veins with sulphide.

The most common style of mineralization is disseminated sulphide within the intrusive rocks. Surface samples from the western part of the stock often exhibit trace to moderately abundant chalcopyrite, pyrite, pyrrhotite, magnetite and/or molybdenite, which occur as fine interstitial disseminations and clots. Minor fracture hosted mineralization is also present, consisting of chalcopyrite within hairline to one centimetre wide fractures that are often healed with clear to white quartz. Hydrothermal alteration along vein selvages is minimal. Intense surface oxidation and leaching seen in some porphyry systems elsewhere in Yukon is not evident at the Hopper property.

In 1968, Mitsubishi chip sampled 25 mineralized, intrusive bedrock exposures. The approximate locations of the six most anomalous chip samples are shown on Figure 5. The sampled outcrops returned generally encouraging results including 0.10% copper over 30.48 m, 0.52% copper over 45.72 m, 0.25% copper over 60.96 m, 0.18% copper over 60.96 m, 0.24% copper over 45.72 m, and 0.21% copper over 30.48 m. At each site, the bedrock chip samples produced higher values than nearby soil samples.

During the 2007 exploration program, the core of the property was thoroughly prospected and a few hand trenches were dug in areas of shallow overburden. A total of fifteen outcrops and two hand trenches were chip sampled (Figure 7). An attempt was made to duplicate some of the 1968 Mitsubishi chip sample results; but, based on the lower results obtained, either the original sample sites were not relocated or the original chips were biased by having been taken along mineralized fracture surfaces. The other chip sample sites were chosen based on prospecting within the soil geochemistry anomalies defined in 2006. The sampled outcrops were all granodiorite with either finely disseminated chalcopyrite or disseminated chalcopyrite along fractures. The best result from the chip sampling was 0.40% copper over 13 m.

Channel samples were also taken within the area of geochemical anomalous soil values, on the western edge of the upland plateau. Channel samples were sawn into outcrops that were too smooth for chip sampling. The sampled outcrops consisted of granodiorite with fracture-controlled chalcopyrite mineralization. The best result from this sampling was 0.03% copper over 5 m.

Skarn horizons and lenses are developed near the contact between the AMS and the intrusion in the western part of the property. Individual skarn horizons on the Hopper property range from 2 to 5 m thick. Strike lengths have not been determined due to lack of bedrock exposure. The skarns are composed of either actinolite-diopside or magnetite-garnet. Sulphide mineralization consists of patchy chalcopyrite with lesser pyrite and molybdenite. The best of three skarn samples collected in 2006 was a 2 m chip sample that yielded 0.93% copper, 0.096 g/t gold, 15.1 g/t silver and 155 ppm molybdenum. Specimens of dark grey-green, aphanitic to weakly banded metabasite collected in close proximity to the mineralized skarn returned copper values ranging from 0.14 to 1.75% and silver values to 12.2 g/t.

Epigenetic mineralization in the form of quartz-carbonate veining occurs mostly within the intrusion. Quartz-carbonate veins typically parallel the dominant north trending fracture orientation. The quartz is clear to white to smoky and sometimes exhibits weak banding, drusy cavities and brecciation. The veins are commonly mineralized with isolated coarse blebs and clots of chalcopyrite and molybdenite. The carbonate weathers orange-brown and consists of amorphous to white crystalline calcite. The veins are typically 1 to 10 cm wide. Mineralized vein samples collected in 2007 returned copper values up to 1.08 % and molybdenum values up to 937 ppm.

EXCAVATOR TRENCHING

Excavator trenching was contracted to 15317 Yukon Inc. and was done with a Hitachi EX200. Five trenches were dug in 2007. Three of these trenches deepened old Mitsubishi trenches that had not reached bedrock. The other two tested adjacent to anomalous soil samples from the 2006 exploration program. The excavator experienced difficulty reaching bedrock in all of the trenches, because of permafrost and the depth of overburden. Where bedrock was reached, chip samples were taken; otherwise soil and/or rock float were sampled from the floors of the trenches.

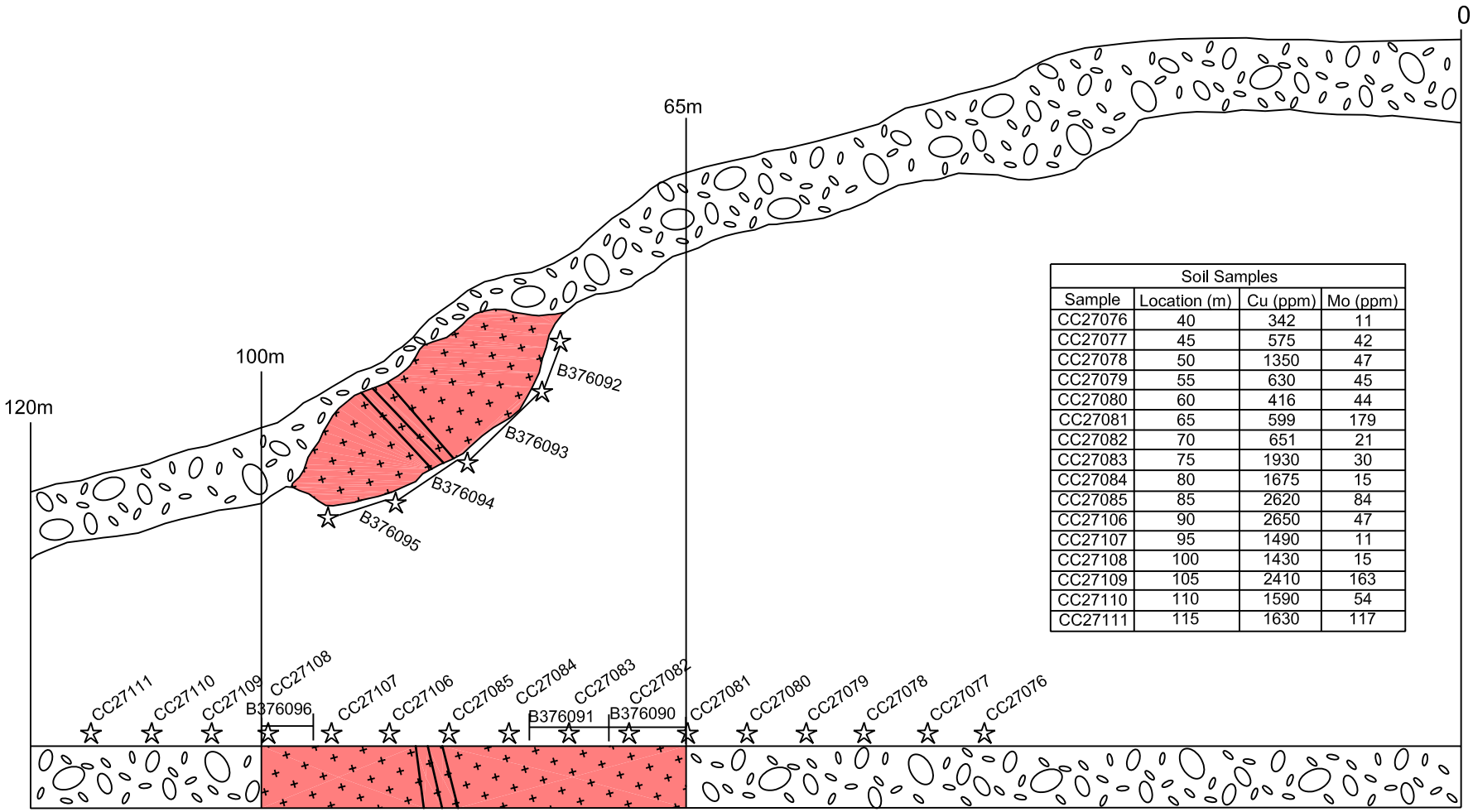
Trench lithology was dominantly granodiorite, with minor magnetite skarn, an isolated aplite dyke in Trench 4 and occasional quartz-carbonate veins. Mineralization consisted of fracture-controlled or disseminated to blebby chalcopyrite in the granodiorite, and blebby chalcopyrite and molybdenite in the quartz-carbonate veins. Trench 1 did not reach bedrock and was not sampled. Geology and assay results for the other trenches are shown on Figures 10 to 13 inclusive.

Soil samples were taken every 5 m, along the floor of Trench 2. The best results came for eight consecutive samples taken over a 40 m long interval, which yielded values ranging from 1430 to 2650 ppm copper and averaging 1936 ppm. Chip samples of the bedrock from within this interval returned only 0.02 to 0.12 % copper, averaging 0.07%. The discrepancy suggests the soils are displaced from their source either by glaciation or soil creep.

Trench 3 was soil sampled at 5 m intervals over a total length of 40 m. The results ranged from 605 to 1570 ppm copper, with an average of 1125 ppm. Grab samples taken in the remainder of the trench returned 0.006 to 2.25% copper. Chip samples returned lower results, with a high of 0.1% copper. The grab sample that returned 2.25% copper was taken from a narrow quartz veinlet with abundant blebs of chalcopyrite. There is not any significant difference in copper values between samples of altered and unaltered granodiorite.

Seven soil samples were taken from Trench 4 at irregularly spaced intervals. These samples returned copper values from 164 to 1870 ppm, with an average of 327 ppm. Nine grab samples returned copper values between 0.0053 to 1.08 % copper. The sample that yielded 1.08% copper was a piece of quartz-carbonate vein float with malachite staining and blebs of chalcopyrite.

Soil samples were collected from Trench 5 at intervals of 5 to 10 m over a total distance of



Soil Samples			
Sample	Location (m)	Cu (ppm)	Mo (ppm)
CC27076	40	342	11
CC27077	45	575	42
CC27078	50	1350	47
CC27079	55	630	45
CC27080	60	416	44
CC27081	65	599	179
CC27082	70	651	21
CC27083	75	1930	30
CC27084	80	1675	15
CC27085	85	2620	84
CC27106	90	2650	47
CC27107	95	1490	11
CC27108	100	1430	15
CC27109	105	2410	163
CC27110	110	1590	54
CC27111	115	1630	117

Overburden

Granodiorite

Quartz-carbonate vein

B376096 Sample number and location

Rock Samples				
Sample	Location (m)	Type	Cu (%)	Mo (ppm)
B376090	65-70	Chip	0.03	11
B376091	70-75	Chip	0.02	24
B376092	77-80	Chip	0.05	28
B376093	80-85	Chip	0.08	46
B376094	85-90	Chip	0.12	25
B376095	90-95	Chip	0.1	21
B376096	95-100	Chip	0.07	43

STRATEGIC METALS LTD.

FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

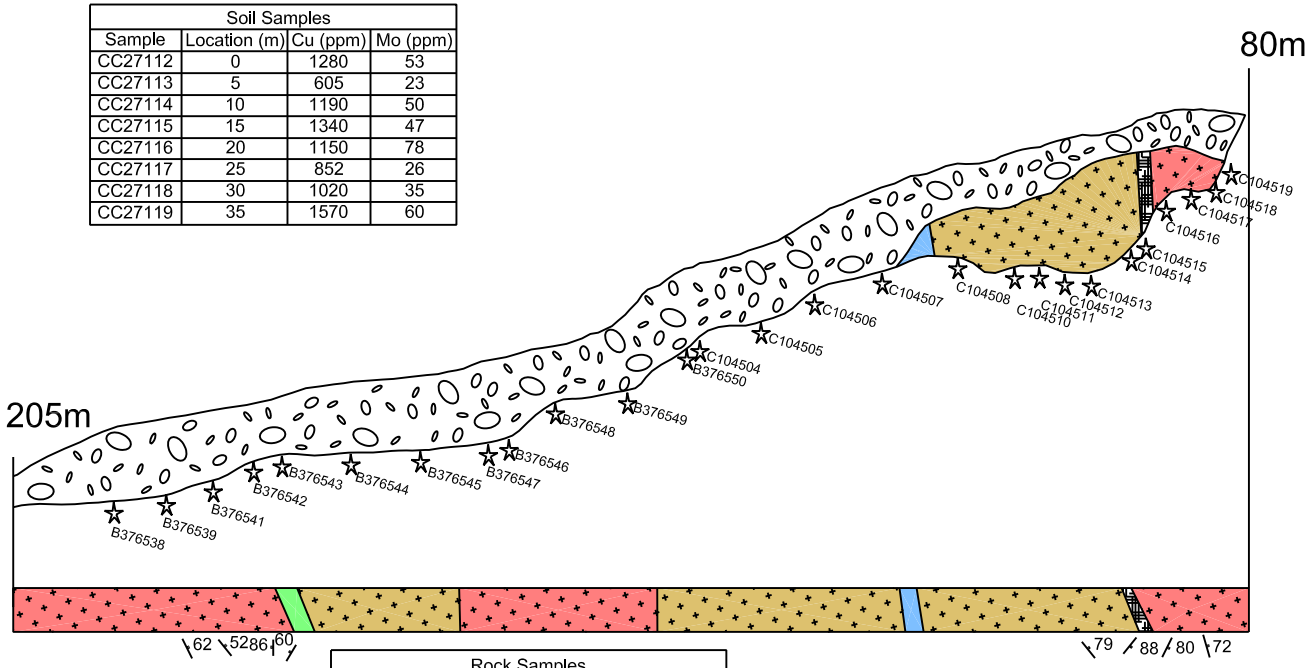
TRENCH 2

HOPPER PROPERTY

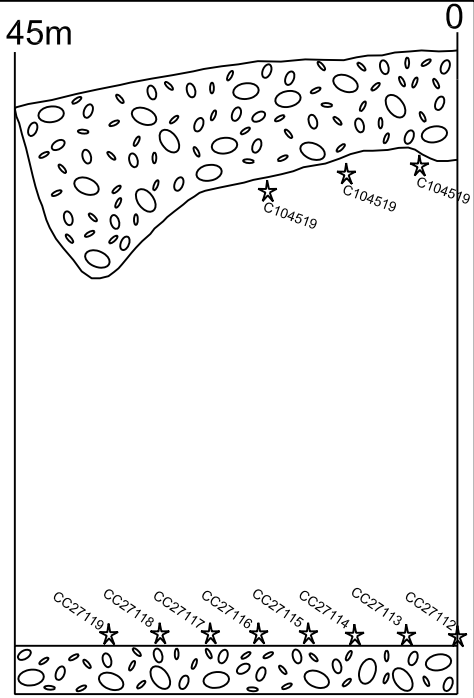
0 15 45m

DRAWN BY: K. Jessen	PROJECT: HOPPER
FILE: ...2007/Hopper/Figure 10.dwg	DATE: APRIL 2008

Soil Samples			
Sample	Location (m)	Cu (ppm)	Mo (ppm)
CC27112	0	1280	53
CC27113	5	605	23
CC27114	10	1190	50
CC27115	15	1340	47
CC27116	20	1150	78
CC27117	25	852	26
CC27118	30	1020	35
CC27119	35	1570	60



Area Not Excavated



Rock Samples				
Sample	Interval (m)	Type	Cu (%)	Mo (ppm)
B376097	5	Grab	0.119	63
B376098	10	Grab	0.12	121
B376099	15	Grab	0.0358	13
B376538	190-193	Chip	0.1005	9
B376539	185-187	Chip	0.0327	2
B376541	182.8-183	Chip	0.0279	0.5
B376542	182	Grab	2.25	19
B376543	180	Grab	0.018	13
B376544	172	Grab	0.0188	1
B376545	165	Grab	0.0327	0.5
B376546	157.5	Grab	0.0164	1
B376547	158	Grab	0.0305	11
B376548	152	Grab	0.0604	5
B376549	145	Grab	0.112	12
B376550	137	Grab	0.006	2
C104504	136	Grab	0.899	78
C104505	130	Grab	0.0739	11
C104506	124	Grab	0.297	7
C104507	117	Grab	0.0618	5
C104508	108	Grab	0.0695	3
C104510	106-108	Chip	0.0924	584
C104511	103-106	Chip	0.0559	27
C104512	100-103	Chip	0.0404	7
C104513	97	Grab	0.317	74
C104514	94	Grab	0.0398	14
C104515	92-93	Chip	0.0514	260
C104516	86-90	Chip	0.0909	15
C104517	85	Grab	0.0435	66
C104518	84	Grab	0.0196	0.5
C104519	83	Grab	0.01	0.5

Overburden

Altered granodiorite

Unaltered granodiorite

Clay alteration

Mafic dyke

Quartz-carbonate vein

C104519 Sample

79 Strike & dip of fractures

STRATEGIC METALS LTD.

FIGURE 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TRENCH 3

HOPPER PROPERTY

0 25 50m

DRAWN BY: K. Jessen	PROJECT: HOPPER
FILE: ...2007/Hopper/Figure 11.dwg	DATE: APRIL 2008

Grandiorite

Mafic dyke

Soil with talus

Aplite dyke

n.e.b No exposed bedrock

Cp 1 Sulphide percentage

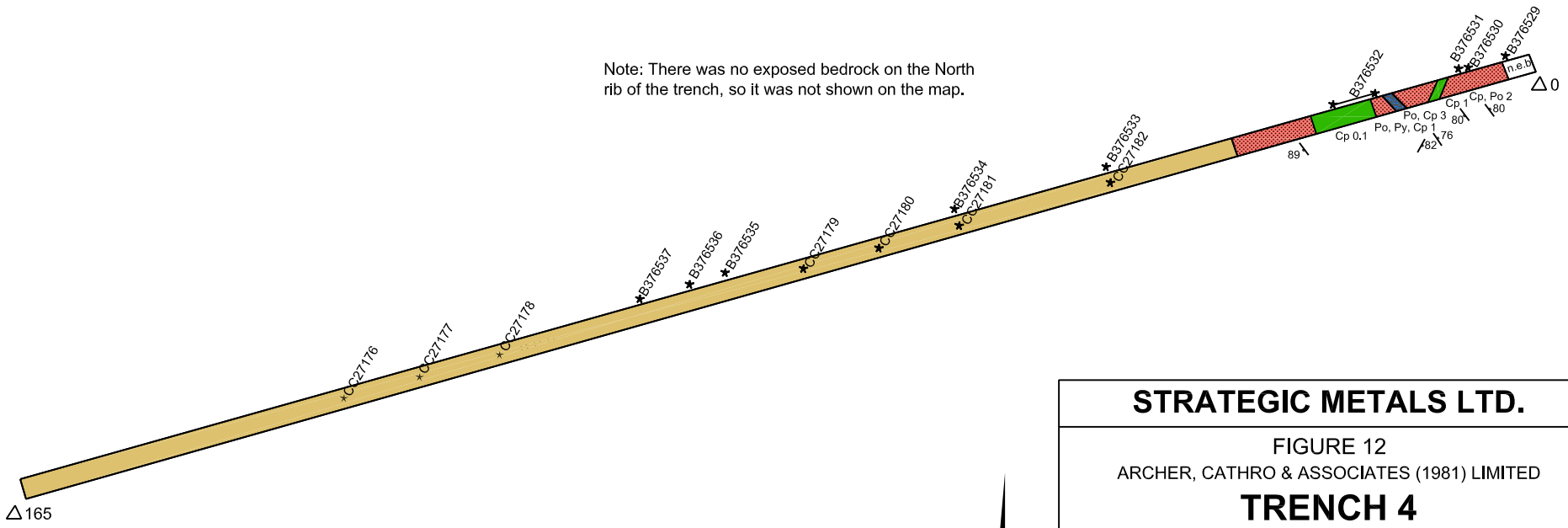
Strike and dip of fractures

△0 Trench position

Soil Samples			
Sample	Location (m)	Cu (ppm)	Mo (ppm)
CC27176	155	341	17
CC27177	145	453	56
CC27178	135	164	21
CC27179	95	167	2
CC27180	85	382	24
CC27181	75	786	25
CC27182	55	1870	32

Rock Samples				
Sample	Location (m)	Type	Cu (%)	Mo (ppm)
B376529	2	Grab	0.0389	2
B376530	8	Grab	0.1315	4
B376531	9	Grab	0.0664	1
B376532	20-25	Chip	0.012	2
B376533	55	Grab	1.08	937
B376534	75	Grab	0.0658	22
B376535	105	Grab	0.0053	2
B376536	110	Grab	0.241	21
B376537	117	Grab	0.033	36

Note: There was no exposed bedrock on the North rib of the trench, so it was not shown on the map.



N

STRATEGIC METALS LTD.

FIGURE 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

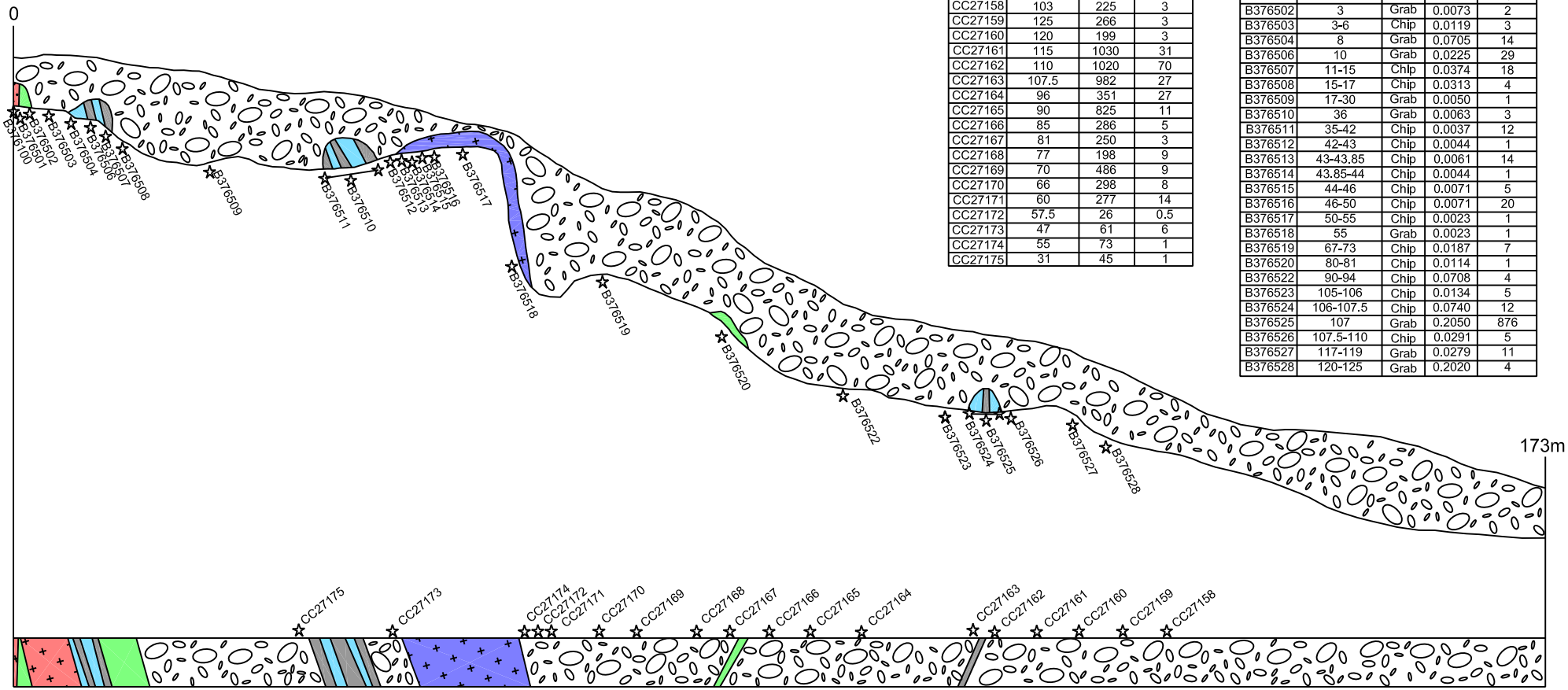
TRENCH 4

HOPPER PROPERTY

1:500

UTM Zone 8, NAD 83, 115H/7

DRAWN BY: SN	PROJECT: HOPPER
FILE: ...2007/Hopper/Figure 12.dwg	DATE: APRIL 2008



Soil Samples			
Sample	Location (m)	Cu (ppm)	Mo (ppm)
CC27158	103	225	3
CC27159	125	266	3
CC27160	120	199	3
CC27161	115	1030	31
CC27162	110	1020	70
CC27163	107.5	982	27
CC27164	96	351	27
CC27165	90	825	11
CC27166	85	286	5
CC27167	81	250	3
CC27168	77	198	9
CC27169	70	486	9
CC27170	66	298	8
CC27171	60	277	14
CC27172	57.5	26	0.5
CC27173	47	61	6
CC27174	55	73	1
CC27175	31	45	1

Rock Samples				
Sample	Location (m)	Type	Cu (%)	Mo (ppm)
B376100	0	Grab	0.0053	1
B376501	1	Grab	0.0049	1
B376502	3	Grab	0.0073	2
B376503	3-6	Chip	0.0119	3
B376504	8	Grab	0.0705	14
B376506	10	Grab	0.0225	29
B376507	11-15	Chip	0.0374	18
B376508	15-17	Chip	0.0313	4
B376509	17-30	Grab	0.0050	1
B376510	36	Grab	0.0063	3
B376511	35-42	Chip	0.0037	12
B376512	42-43	Chip	0.0044	1
B376513	43-43.85	Chip	0.0061	14
B376514	43.85-44	Chip	0.0044	1
B376515	44-46	Chip	0.0071	5
B376516	46-50	Chip	0.0071	20
B376517	50-55	Chip	0.0023	1
B376518	55	Grab	0.0023	1
B376519	67-73	Chip	0.0187	7
B376520	80-81	Chip	0.0114	1
B376522	90-94	Chip	0.0708	4
B376523	105-106	Chip	0.0134	5
B376524	106-107.5	Chip	0.0740	12
B376525	107	Grab	0.2050	876
B376526	107.5-110	Chip	0.0291	5
B376527	117-119	Grab	0.0279	11
B376528	120-125	Grab	0.2020	4

Clay alteration
Quartz-carbonate vein
Magnetite skarn
Granodiorite
Diorite
B376516 Sample number and location

STRATEGIC METALS LTD.

FIGURE 13

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TRENCH 5

HOPPER PROPERTY

0 25 50m

DRAWN BY: K. Jessen	PROJECT: HOPPER
FILE: .../2007/Hopper/Trench 5 Map.dwg	DATE: APRIL 2008

100 m. They returned values ranging from 26 to 1030 ppm copper and averaging of 383 ppm. Grab samples ranged from 0.023 to 0.205% copper, the highest of which was from a quartz-carbonate vein with disseminated chalcopyrite.

GEOPHYSICAL SURVEY

The VTEM survey was flown across the entire property by Geotech Limited of Aurora, Ontario using an Astar B3 helicopter operated by TRK Helicopters Ltd. The traverse lines were flown at 070° and are spaced 200 m apart. Tie lines were flown at 340° and are spaced 2000 m apart. Where possible, the helicopter maintained a mean terrain clearance of 85 m, which translated into a 45 m average height for the bird-mounted VTEM system and 70 m height for the magnetic sensor.

The VTEM survey identified a series of conductors in the southwestern corner of the survey area (Figure 14). These conductors were partly on the Guy claims and partly on open ground, so more Hopper claims were staked in September to cover the unprotected conductors. All of the conductors lie outside of the intrusion and they could mark sulphide-rich skarn horizons.

The magnetic survey shows that the property is characterized by high magnetic susceptibility (Figure 15). The central part of the property features a broad magnetic high that roughly outlines the extent of the intrusion. Another weaker magnetic high, in the northwestern corner of the property, likely corresponds to an area of magnetite- or pyrrhotite-rich skarn.

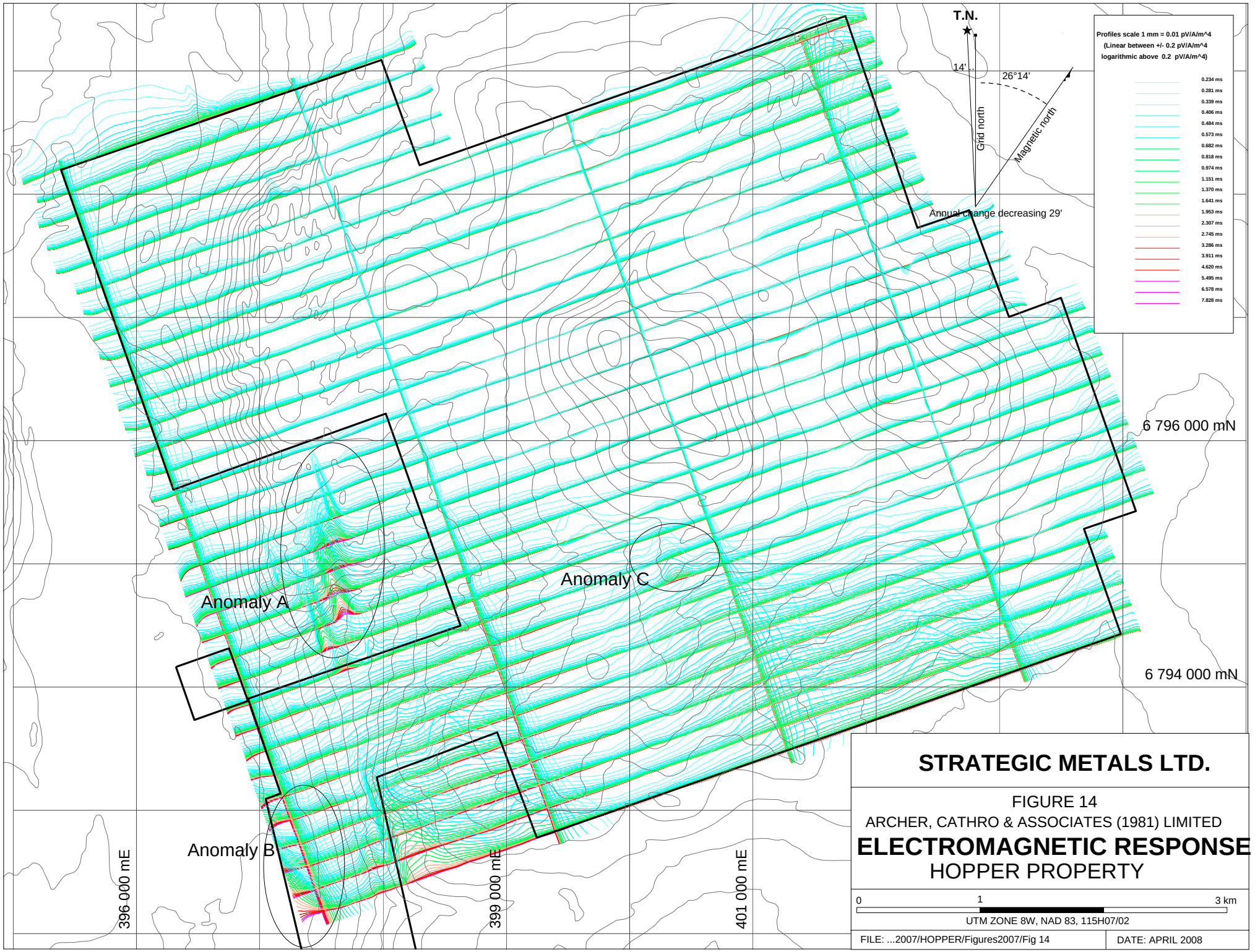
Appendix IV contains Geotech's reports describing the surveys and interpretation of the results, along with CDs containing the digital data.

DISCUSSION AND CONCLUSIONS

The Hopper property covers a copper prospect associated with one of several Late Cretaceous to Tertiary stocks in the Aishihik Lake area. Historically, the Hopper prospect was classified as a porphyry target. However, work done in 2006 and 2007 showed that many features that characterize porphyry deposits are absent or only weakly developed at the Hopper property. Preliminary work suggests the mineralization may be at least in part magmatic in nature.

Typical porphyry systems exhibit concentrically zoned alteration. The ore zone or shell containing chalcopyrite, pyrite and molybdenite is normally characterized by strong potassic alteration dominated by potassic feldspar and biotite. These secondary minerals are developed as a result of hydrothermal alteration of primary lithology. The majority of the intrusive rocks collected during 2006 and 2007 at the Hopper property appear fresh and all compositional components (quartz, feldspar, hornblende, and biotite) are believed to be primary. The absence of epidote, chlorite or muscovite alteration is noteworthy.

Hypogene sulphide mineralization in most porphyry systems is dominantly fracture controlled with lesser disseminations. Common sulphide minerals consist of pyrite, chalcopyrite, bornite, and molybdenite which zone out peripherally to base metal and precious metal veins and skarns.



STRATEGIC METALS LTD.

FIGURE 14

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

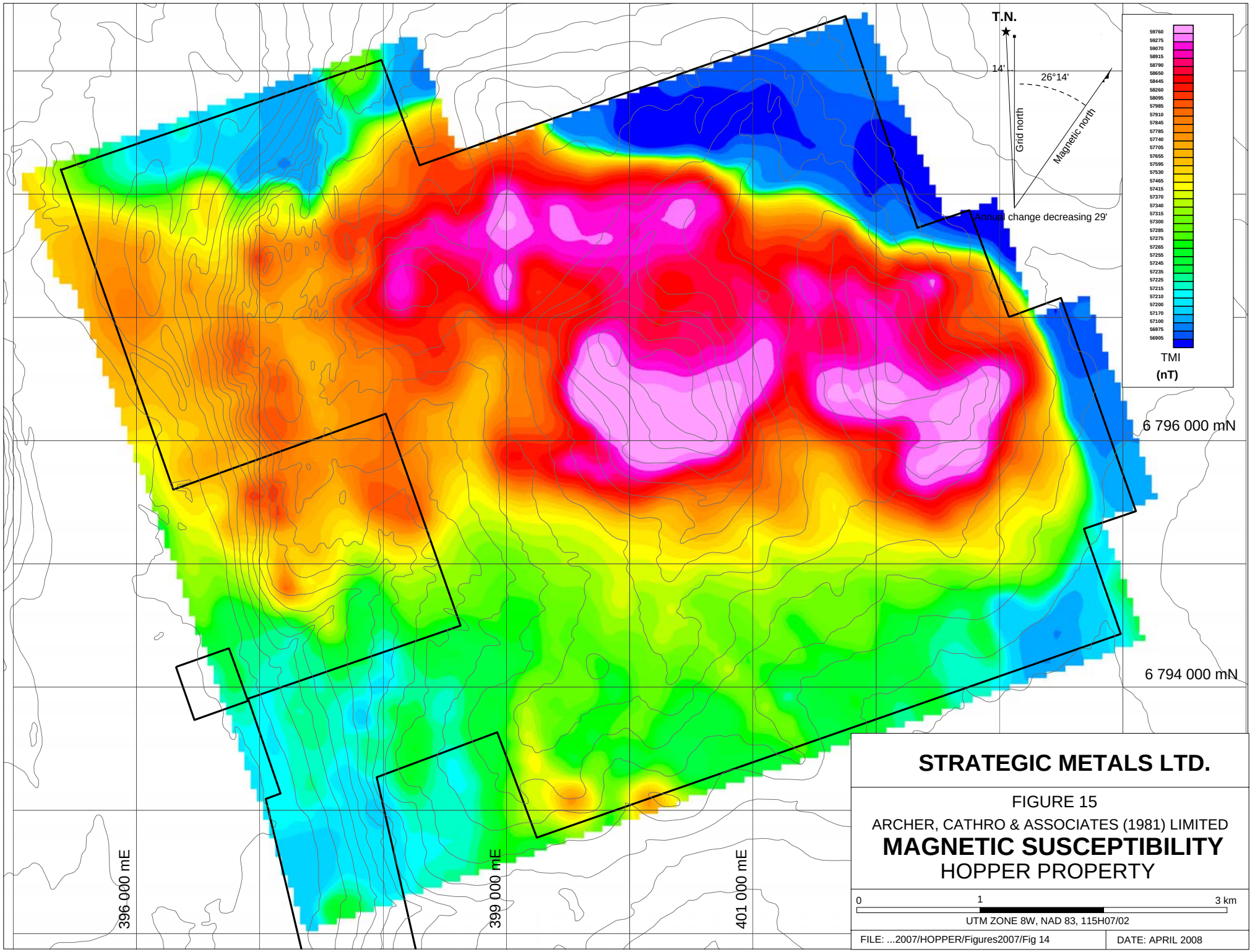
ELECTROMAGNETIC RESPONSE

HOPPER PROPERTY

0 1 3 km

UTM ZONE 8W, NAD 83, 115H07/02

FILE: ...2007/HOPPER/Figures2007/Fig 14 | DATE: APRIL 2008



STRATEGIC METALS LTD.

FIGURE 15

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

MAGNETIC SUSCEPTIBILITY

HOPPER PROPERTY

0 1 3 km

UTM ZONE 8W, NAD 83, 115H07/02

FILE: ...2007/HOPPER/Figures2007/Fig 14 | DATE: APRIL 2008

Sulphide mineralization within the intrusive rocks at the Hopper property follows the general zoning model but the copper primarily occurs as disseminations.

Due to unexpectedly deep, frozen overburden encountered while trenching in 2007, only a small portion of the target was effectively tested. Assay results are generally disappointing and the sources of the copper-in-soil geochemical anomalies were not discovered.

Chip samples from hand trenches and outcrops within the western part of main copper-in-soil geochemical anomaly returned some promising results, which suggest that much of the anomaly is skarn-related.

The next stage of exploration should include additional reconnaissance-scale soil sampling in the eastern part of the property, which has received very little exploration. Follow-up mapping, prospecting and geochemical sampling should also be done on the new claims in the southern part of the claim block, which were staked based on a geophysical conductor outlined by the VTEM survey. Finally, additional prospecting, hand trenching and rock sampling should be undertaken on the steep slope in the western part of the property to further delineate the potential of the skarn mineralization.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Katrina Jessen, B.Sc.

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APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Katrina Jessen, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Vancouver, British Columbia, do hereby declare that:

1. I graduated from the University of British Columbia in 2007 with a B.Sc. majoring in Earth and Ocean Sciences.

2. From 2006 to present, I have been actively engaged in mineral exploration in Yukon Territory, Northwest Territories and British Columbia.

3. I have personally participated in or supervised the fieldwork reported herein.

Katrina Jessen, B.Sc.

APPENDIX II

CERTIFICATES OF ANALYSIS

ALS Chemex
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Finalized Da

1-JUL-2007
count: MTT

CERTIFICATE VA07074018

Project: HOPPER

P.O. No.:

This report is for 25 Soil samples submitted to our lab in Vancouver, BC, Canada on 12-JUL-2007.

The following have access to data associated with this certificate:

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

To: **STRATEGIC METALS LTD.**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: Lawrence Ng

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07074018

Sample Description	Method	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
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC27158		0.46	<0.2	1.20	<2	<10	150	<0.5	<2	0.53	<0.5	9	33	225	2.23	<10
CC27159		0.58	<0.2	1.48	6	<10	220	<0.5	<2	0.79	<0.5	14	70	266	3.08	<10
CC27160		0.44	<0.2	1.63	4	<10	170	<0.5	<2	0.52	<0.5	10	37	199	2.56	<10
CC27161		0.58	0.4	1.08	4	<10	140	1.0	<2	0.86	<0.5	28	33	1030	4.36	<10
CC27162		0.50	0.8	0.59	24	<10	70	0.8	<2	6.02	<0.5	31	15	1020	4.43	<10
CC27163		0.68	0.6	1.38	2	<10	300	1.2	<2	2.32	<0.5	31	40	982	9.26	10
CC27164		0.64	0.2	0.82	<2	<10	190	0.7	<2	2.50	<0.5	18	30	351	3.42	<10
CC27165		0.54	0.3	1.26	17	<10	200	3.1	<2	5.36	<0.5	46	519	825	7.92	<10
CC27166		0.64	0.4	0.73	<2	<10	70	0.9	<2	2.15	<0.5	13	14	286	2.30	<10
CC27167		0.50	0.2	1.10	<2	<10	200	0.8	<2	3.53	<0.5	10	22	250	2.63	<10
CC27168		0.54	<0.2	1.83	2	<10	1330	1.1	<2	3.32	<0.5	41	78	198	5.40	<10
CC27169		0.56	0.3	0.55	14	<10	80	0.8	<2	2.76	<0.5	22	10	486	3.21	<10
CC27170		0.26	0.3	0.73	<2	<10	270	0.6	<2	2.06	<0.5	18	15	298	2.70	<10
CC27171		0.62	0.3	2.04	<2	<10	1580	0.7	<2	2.64	<0.5	57	130	277	8.68	<10
CC27172		0.62	<0.2	2.71	<2	<10	100	<0.5	<2	3.48	<0.5	24	570	26	3.37	<10
CC27173		0.56	0.2	0.76	19	<10	80	1.1	<2	4.76	<0.5	41	105	61	4.05	<10
CC27174		0.32	<0.2	7.23	<2	<10	3400	<0.5	<2	2.62	<0.5	56	947	73	5.39	10
CC27175		0.44	0.3	2.15	<2	<10	130	1.0	<2	2.23	0.5	17	22	45	4.27	<10
CC27176		0.44	0.2	1.20	3	<10	210	<0.5	<2	0.76	<0.5	11	25	341	2.60	<10
CC27177		0.52	<0.2	0.70	3	<10	140	1.2	<2	1.53	<0.5	18	6	453	2.91	<10
CC27178		0.36	<0.2	0.60	3	<10	80	<0.5	<2	1.34	<0.5	8	16	164	1.82	<10
CC27179		0.38	<0.2	1.21	3	<10	190	<0.5	<2	1.22	<0.5	9	27	167	2.13	<10
CC27180		0.48	0.2	1.34	3	<10	170	<0.5	<2	0.74	<0.5	12	34	382	3.09	<10
CC27181		0.58	0.4	1.67	4	<10	240	0.7	<2	1.20	<0.5	24	17	786	4.82	<10
CC27182		0.66	0.9	1.17	10	<10	190	0.9	<2	1.30	<0.5	24	17	1870	4.97	<10

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CERTIFICATE OF ANALYSIS VA07074018

Sample Description	Method	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	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC27158		<1	0.11	10	0.62	279	3	0.03	22	760	6	0.01	<2	4	31	<20
CC27159		<1	0.10	10	0.87	281	3	0.05	42	1310	5	0.01	2	4	51	<20
CC27160		<1	0.08	10	0.73	259	3	0.02	23	690	5	0.01	<2	4	35	<20
CC27161		<1	0.12	20	0.62	500	31	0.01	36	1710	5	0.02	<2	12	56	<20
CC27162		<1	0.18	50	0.57	532	70	0.01	31	6200	8	0.51	4	17	123	<20
CC27163		<1	0.33	30	0.79	1005	27	0.01	33	6420	10	0.12	2	21	114	<20
CC27164		<1	0.25	20	0.69	654	27	0.01	20	1420	4	0.08	<2	14	90	<20
CC27165		<1	0.31	20	2.66	1355	11	0.02	204	1620	11	0.04	<2	44	317	<20
CC27166		<1	0.12	20	0.67	454	5	0.01	12	870	10	0.02	<2	10	99	<20
CC27167		<1	0.18	20	0.72	471	3	0.01	15	1300	5	0.02	<2	11	145	<20
CC27168		<1	0.16	20	1.66	713	9	0.01	75	1650	7	0.22	3	15	149	<20
CC27169		<1	0.11	20	0.51	591	9	<0.01	29	940	7	0.16	<2	12	89	<20
CC27170		<1	0.16	20	0.57	391	8	0.01	17	840	7	0.10	<2	10	121	<20
CC27171		<1	0.37	20	2.54	1180	14	0.08	89	1500	22	0.22	<2	25	310	<20
CC27172		<1	0.14	<10	5.25	688	<1	0.01	529	30	6	0.01	<2	6	133	<20
CC27173		1	0.18	10	1.58	844	6	0.01	171	1420	22	0.15	<2	20	194	<20
CC27174		<1	2.10	<10	10.20	634	1	0.11	635	460	10	0.09	4	19	241	<20
CC27175		<1	0.14	30	1.41	824	1	0.01	24	3060	11	0.02	3	10	80	<20
CC27176		<1	0.10	20	0.63	433	17	0.02	17	1180	6	0.02	<2	6	41	<20
CC27177		<1	0.24	30	0.41	663	56	0.01	13	2600	7	0.04	<2	13	64	<20
CC27178		<1	0.12	10	0.47	283	21	0.02	10	850	4	0.01	<2	5	49	<20
CC27179		<1	0.07	10	0.61	288	2	0.03	19	800	6	0.06	<2	4	61	<20
CC27180		<1	0.12	10	0.67	406	24	0.03	20	1210	8	0.01	<2	7	38	<20
CC27181		<1	0.20	30	0.92	590	25	0.02	19	3580	7	0.02	<2	11	50	<20
CC27182		<1	0.18	30	0.54	571	32	0.01	21	3280	7	0.06	5	15	52	<20

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CERTIFICATE OF ANALYSIS VA07074018

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC27158		0.11	<10	<10	46	<10	31
CC27159		0.13	<10	<10	83	<10	40
CC27160		0.11	<10	<10	56	<10	41
CC27161		0.05	<10	<10	103	<10	34
CC27162		<0.01	<10	<10	66	<10	32
CC27163		0.08	<10	<10	272	<10	46
CC27164		0.05	<10	<10	65	<10	23
CC27165		0.07	<10	<10	147	<10	87
CC27166		0.01	<10	<10	42	<10	21
CC27167		0.03	<10	<10	68	<10	25
CC27168		0.02	<10	<10	76	<10	42
CC27169		<0.01	<10	<10	30	<10	27
CC27170		0.02	<10	<10	48	<10	20
CC27171		0.19	<10	<10	158	<10	72
CC27172		0.13	<10	<10	90	<10	23
CC27173		0.01	<10	<10	52	<10	146
CC27174		0.31	<10	<10	118	<10	71
CC27175		<0.01	<10	<10	44	<10	74
CC27176		0.10	<10	<10	57	<10	39
CC27177		0.01	<10	<10	44	<10	34
CC27178		0.04	<10	<10	32	<10	24
CC27179		0.10	<10	<10	49	<10	48
CC27180		0.12	<10	<10	68	<10	48
CC27181		0.07	<10	<10	132	<10	42
CC27182		0.03	<10	<10	95	<10	51

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Page:
1-AUG-200
Account: MT

CERTIFICATE VA07074017

Project: HOPPER

P.O. No.:

This report is for 70 Rock samples submitted to our lab in Vancouver, BC, Canada on 12-JUL-2007.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
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
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

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

Signature:

Lawrence Ng, Laboratory Manager - Vancouv

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Project: HOPPER

CERTIFICATE OF ANALYSIS VA07074017

Sample Description	Method	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
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
B376100		1.18	0.001	<0.2	1.11	<2	<10	160	<0.5	<2	1.93	<0.5	13	21	53	3.50
B376501		0.78	0.003	<0.2	2.86	<2	<10	180	0.6	<2	1.96	<0.5	22	144	49	3.39
B376502		0.82	0.002	<0.2	0.82	<2	<10	260	<0.5	<2	1.13	<0.5	10	21	73	3.15
B376503		0.92	0.002	0.7	1.23	<2	<10	240	<0.5	2	1.31	<0.5	12	26	119	3.89
B376504		1.04	0.009	1.7	0.63	30	<10	150	0.6	2	1.76	4.2	21	9	705	4.88
B376505		0.66	0.002	<0.2	0.02	<2	<10	10	<0.5	<2	19.7	<0.5	1	<1	3	0.39
B376506		1.00	0.003	<0.2	0.64	<2	<10	130	0.6	<2	0.78	<0.5	16	19	225	3.37
B376507		1.02	0.002	<0.2	1.24	<2	<10	220	<0.5	<2	1.18	<0.5	12	25	374	3.70
B376508		0.94	0.043	3.7	2.46	63	<10	220	<0.5	4	1.83	15.3	20	24	313	5.29
B376509		1.24	0.003	<0.2	2.58	<2	<10	220	<0.5	<2	2.35	<0.5	17	41	50	4.73
B376510		1.00	0.002	<0.2	4.23	<2	<10	280	2.2	<2	2.64	<0.5	27	227	63	6.87
B376511		2.10	0.019	0.3	0.26	49	<10	40	<0.5	<2	8.27	<0.5	15	47	37	3.91
B376512		1.26	0.001	<0.2	2.44	<2	<10	1780	0.5	<2	2.67	<0.5	22	122	44	4.62
B376513		1.58	0.104	<0.2	0.66	28	<10	100	<0.5	<2	6.98	<0.5	17	42	61	4.33
B376514		0.92	0.001	<0.2	3.28	<2	<10	50	0.5	<2	3.31	<0.5	29	144	44	5.54
B376515		1.52	0.004	<0.2	0.52	67	<10	130	0.8	<2	5.10	<0.5	33	103	71	6.91
B376516		1.58	0.002	<0.2	0.64	40	<10	100	0.8	<2	2.85	<0.5	29	44	71	5.08
B376517		0.76	0.002	<0.2	2.76	<2	<10	240	0.5	<2	3.01	<0.5	18	63	23	5.44
B376518		1.24	0.002	<0.2	3.81	<2	<10	190	<0.5	<2	3.49	<0.5	20	193	23	4.60
B376519		1.18	0.011	<0.2	0.64	24	<10	40	<0.5	<2	2.70	<0.5	13	9	187	3.38
B376520		0.66	0.001	<0.2	2.85	<2	<10	100	<0.5	<2	1.95	<0.5	22	136	114	4.92
B376521		0.64	0.001	<0.2	0.06	<2	<10	10	<0.5	<2	19.8	<0.5	<1	1	2	0.39
B376522		0.54	0.007	0.2	1.41	<2	<10	1090	<0.5	<2	1.38	<0.5	16	118	708	3.23
B376523		0.62	0.005	<0.2	1.04	<2	<10	420	<0.5	<2	1.41	<0.5	11	38	134	3.47
B376524		0.50	0.008	0.2	0.91	<2	<10	60	1.4	<2	2.63	<0.5	27	25	740	14.8
B376525		0.56	0.008	1.2	0.58	19	<10	90	1.2	<2	1.41	<0.5	30	29	2050	6.93
B376526		0.40	0.007	<0.2	6.73	2	<10	500	0.6	<2	4.98	<0.5	17	23	291	8.03
B376527		0.44	0.007	<0.2	1.26	<2	<10	650	<0.5	<2	0.89	<0.5	11	55	279	3.22
B376528		1.00	0.017	1.1	2.68	6	<10	260	0.6	<2	3.50	<0.5	12	50	2020	2.31
B376529		1.44	0.024	<0.2	1.48	<2	<10	290	<0.5	<2	0.94	<0.5	17	20	389	4.69
B376530		0.66	0.013	0.5	1.55	<2	<10	250	<0.5	<2	0.87	<0.5	23	19	1315	4.61
B376531		1.06	0.003	0.7	0.67	<2	<10	70	<0.5	<2	0.65	<0.5	7	16	664	1.67
B376532		2.32	0.002	<0.2	2.37	<2	<10	110	<0.5	<2	2.31	<0.5	19	67	120	4.38
B376533		1.82	0.006	10.8	0.76	197	<10	90	<0.5	<2	3.53	0.5	15	14	>10000	4.18
B376534		1.28	0.003	0.3	2.36	3	<10	500	<0.5	<2	1.92	<0.5	25	19	658	4.93
B376535		0.62	0.001	0.2	0.90	<2	<10	220	<0.5	<2	0.70	<0.5	10	19	53	2.96
B376536		0.58	0.011	1.2	1.86	<2	<10	490	<0.5	<2	1.82	<0.5	24	22	2410	5.67
B376537		1.44	0.003	<0.2	1.83	3	<10	700	<0.5	<2	1.23	<0.5	18	20	330	4.69
B376538		1.06	0.008	0.7	1.45	<2	<10	270	<0.5	<2	2.76	<0.5	19	19	1005	4.12
B376539		0.52	0.004	0.2	1.30	<2	<10	260	<0.5	<2	0.78	<0.5	15	18	327	3.78

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Project: HOPPER

CERTIFICATE OF ANALYSIS VA07074017

Sample Description	Method	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	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
B376100		10	1	0.19	20	1.09	526	1	0.06	10	1050	6	0.02	<2	9	66
B376501		10	<1	0.09	20	4.21	546	1	0.09	145	1330	8	0.02	2	6	123
B376502		10	<1	0.26	20	0.81	372	2	0.08	8	1130	3	0.02	<2	4	54
B376503		10	<1	0.23	20	1.07	684	3	0.08	13	1120	14	0.02	<2	7	74
B376504		<10	<1	0.08	20	0.61	946	14	0.01	15	1140	88	0.67	3	14	62
B376505		<10	<1	0.01	10	12.40	174	<1	0.02	3	170	<2	<0.01	2	<1	54
B376506		<10	<1	0.09	30	0.10	605	29	0.01	17	1400	7	0.04	<2	13	17
B376507		10	1	0.18	10	1.33	456	18	0.07	11	1090	5	0.04	2	5	60
B376508		10	1	0.13	20	1.94	1220	4	0.06	14	1140	366	0.91	<2	10	80
B376509		10	<1	0.06	10	2.24	797	1	0.05	31	2540	7	0.11	<2	8	133
B376510		10	<1	0.46	<10	2.57	432	3	0.10	157	310	7	0.04	2	18	175
B376511		<10	<1	0.12	10	2.93	919	12	0.01	107	40	10	0.50	4	10	358
B376512		10	<1	0.17	10	2.61	723	1	0.20	89	1530	6	0.10	<2	10	269
B376513		<10	<1	0.13	20	2.26	1355	14	0.01	54	1550	15	0.24	5	13	236
B376514		10	<1	0.38	10	3.40	710	1	0.27	104	1240	7	1.36	<2	16	1940
B376515		<10	<1	0.07	20	1.29	1070	5	0.01	123	1460	8	1.26	3	23	160
B376516		<10	<1	0.15	20	0.59	644	20	0.01	74	2070	30	0.43	2	20	119
B376517		10	<1	0.12	10	2.43	863	1	0.04	43	2560	7	0.06	<2	10	140
B376518		10	<1	0.23	10	3.63	671	1	0.27	126	1420	11	0.09	2	8	204
B376519		<10	1	0.07	20	0.79	600	7	0.01	16	950	9	0.53	2	10	100
B376520		10	<1	0.12	10	3.15	614	1	0.08	68	1520	7	0.31	<2	7	80
B376521		<10	<1	0.03	10	12.35	173	<1	0.02	6	260	<2	<0.01	<2	<1	53
B376522		10	<1	0.62	10	1.39	317	4	0.13	69	1110	2	0.19	<2	5	111
B376523		10	<1	0.35	10	0.97	318	5	0.08	10	1220	2	0.06	<2	4	66
B376524		10	<1	0.08	30	0.28	1830	12	0.01	30	7630	5	0.26	<2	58	73
B376525		<10	<1	0.08	20	0.17	1355	876	0.01	66	1890	10	0.23	2	41	53
B376526		10	<1	1.01	20	1.78	436	5	0.65	10	7170	10	0.09	2	10	331
B376527		10	<1	0.49	10	1.04	252	11	0.13	12	1230	3	0.03	2	3	74
B376528		10	<1	0.33	20	0.84	229	4	0.11	34	1800	3	0.35	<2	3	169
B376529		10	<1	0.85	20	1.12	324	2	0.16	13	2120	2	0.11	<2	3	102
B376530		10	<1	0.93	20	1.27	287	4	0.13	20	1870	3	0.83	<2	3	71
B376531		<10	<1	0.11	10	0.49	179	1	0.04	6	390	3	0.18	2	3	25
B376532		10	<1	0.11	20	2.13	537	2	0.18	49	1650	8	0.07	<2	4	121
B376533		<10	<1	0.12	20	1.59	929	937	0.06	21	1290	18	1.07	83	11	133
B376534		10	<1	0.82	20	1.47	318	22	0.29	21	3660	4	0.29	<2	4	231
B376535		<10	<1	0.41	10	0.69	262	2	0.09	10	1080	4	0.02	<2	2	42
B376536		10	<1	0.60	20	1.57	525	21	0.17	19	2820	3	0.49	<2	9	173
B376537		10	<1	0.80	10	1.31	299	36	0.24	12	2190	3	0.18	<2	4	165
B376538		10	<1	0.44	20	1.40	530	9	0.09	16	1570	2	0.30	<2	6	113
B376539		10	<1	0.60	20	1.08	307	2	0.11	12	1700	2	0.11	<2	3	61

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CERTIFICATE OF ANALYSIS VA07074017

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.01
B376100		<20	0.10	<10	<10	114	<10	44	
B376501		<20	0.17	<10	<10	78	<10	59	
B376502		<20	0.17	<10	<10	112	<10	32	
B376503		<20	0.14	<10	<10	121	<10	69	
B376504		<20	<0.01	<10	<10	84	<10	717	
B376505		<20	<0.01	<10	<10	1	<10	15	
B376506		<20	<0.01	<10	<10	114	<10	57	
B376507		<20	0.20	<10	<10	114	<10	52	
B376508		<20	0.02	<10	<10	109	<10	2560	
B376509		<20	0.23	<10	<10	86	<10	104	
B376510		<20	0.12	<10	<10	122	<10	47	
B376511		<20	<0.01	<10	<10	29	<10	25	
B376512		<20	0.16	<10	<10	131	<10	63	
B376513		<20	<0.01	<10	<10	86	<10	99	
B376514		<20	0.17	<10	<10	132	<10	68	
B376515		<20	<0.01	<10	<10	97	<10	89	
B376516		<20	<0.01	<10	<10	85	<10	37	
B376517		<20	0.16	<10	<10	92	<10	93	
B376518		<20	0.27	<10	<10	128	<10	62	
B376519		<20	<0.01	<10	<10	55	<10	23	
B376520		<20	0.30	<10	<10	153	<10	63	
B376521		<20	<0.01	<10	<10	2	<10	14	
B376522		<20	0.30	<10	<10	131	<10	43	
B376523		<20	0.26	<10	<10	122	<10	26	
B376524		<20	0.03	<10	<10	393	<10	69	
B376525		<20	<0.01	<10	<10	146	<10	87	
B376526		<20	0.31	<10	<10	301	<10	40	
B376527		<20	0.26	<10	<10	111	<10	29	
B376528		<20	0.12	<10	10	65	40	26	
B376529		<20	0.31	<10	<10	159	<10	47	
B376530		<20	0.35	<10	<10	158	20	35	
B376531		20	0.06	<10	10	33	<10	22	
B376532		<20	0.33	<10	<10	127	<10	47	
B376533		<20	0.01	<10	<10	68	<10	105	1.08
B376534		<20	0.29	<10	<10	246	<10	31	
B376535		<20	0.22	<10	<10	115	<10	29	
B376536		<20	0.24	<10	<10	191	<10	42	
B376537		<20	0.30	<10	<10	185	10	35	
B376538		<20	0.22	<10	<10	139	<10	40	
B376539		<20	0.29	<10	<10	141	<10	35	

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Project: HOPPER

Finalized D... 1-AUG-2007
Account: MTT

CERTIFICATE OF ANALYSIS VA07074017

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	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
B376540		0.72	0.001	<0.2	0.03	<2	<10	10	<0.5	<2	19.7	<0.5	<1	<1	5	0.44
B376541		0.40	0.004	<0.2	3.85	<2	<10	210	<0.5	<2	2.74	<0.5	35	154	279	5.71
B376542		1.00	0.190	12.7	1.17	3	<10	30	<0.5	4	0.73	<0.5	108	15	>10000	10.35
B376543		1.12	0.001	<0.2	0.72	<2	<10	120	<0.5	<2	0.75	<0.5	6	34	180	2.06
B376544		0.66	0.001	<0.2	0.63	<2	<10	90	<0.5	<2	0.75	<0.5	4	24	188	2.21
B376545		0.68	0.002	0.2	0.78	<2	<10	100	<0.5	<2	0.28	<0.5	6	17	327	2.01
B376546		1.02	0.001	<0.2	3.29	2	<10	150	<0.5	<2	4.03	<0.5	28	90	164	5.62
B376547		0.94	0.009	0.2	0.81	<2	<10	160	<0.5	<2	0.63	<0.5	8	26	305	2.27
B376548		0.72	0.004	0.3	1.47	<2	<10	450	<0.5	2	1.43	<0.5	18	15	604	4.48
B376549		0.40	0.012	0.9	0.65	<2	<10	120	<0.5	2	0.35	<0.5	5	13	1120	1.63
B376550		0.82	0.001	0.2	1.60	<2	<10	630	<0.5	<2	0.62	<0.5	16	318	60	2.70
C104504		0.58	0.052	6.9	0.51	5	<10	100	<0.5	<2	0.37	<0.5	7	14	8990	2.15
C104505		0.96	0.008	0.4	1.45	2	<10	190	<0.5	<2	1.83	<0.5	14	12	739	3.66
C104506		0.46	0.024	2.3	1.97	<2	<10	310	<0.5	<2	2.69	<0.5	23	33	2970	5.42
C104507		1.02	0.009	0.2	1.85	4	<10	440	<0.5	<2	1.20	<0.5	24	40	618	4.43
C104508		0.96	0.012	0.2	3.87	<2	<10	390	<0.5	<2	3.07	<0.5	27	33	695	5.72
C104509		1.04	<0.001	<0.2	0.04	<2	<10	10	<0.5	<2	19.5	<0.5	<1	1	6	0.42
C104510		0.70	0.004	0.7	1.83	<2	<10	330	<0.5	<2	1.59	<0.5	18	55	924	4.63
C104511		1.04	0.006	0.5	0.82	7	<10	200	0.5	2	6.17	<0.5	24	16	559	6.04
C104512		0.90	0.010	<0.2	1.85	<2	<10	1110	<0.5	<2	1.83	<0.5	22	29	404	4.80
C104513		2.16	0.004	2.5	0.93	<2	<10	90	<0.5	3	1.07	<0.5	15	14	3170	2.21
C104514		0.62	0.005	<0.2	1.35	4	<10	1470	<0.5	<2	1.35	<0.5	15	30	398	4.57
C104515		3.34	0.003	0.4	0.16	<2	<10	30	<0.5	<2	3.97	<0.5	4	8	514	1.94
C104516		2.24	0.015	0.3	1.44	3	<10	680	<0.5	<2	1.08	<0.5	17	38	909	4.09
C104517		0.56	0.006	<0.2	1.11	<2	<10	340	<0.5	<2	1.14	<0.5	14	23	435	3.58
C104518		1.38	0.012	0.3	0.43	<2	<10	80	<0.5	<2	0.27	<0.5	3	22	196	0.81
C104519		1.00	0.002	<0.2	0.52	<2	<10	70	<0.5	<2	0.41	<0.5	2	21	100	0.57
C104520		1.98	0.011	0.2	0.43	<2	<10	30	1.4	<2	0.51	<0.5	9	7	711	2.27
C104521		1.06	0.050	6.3	0.32	5	<10	10	0.7	<2	0.96	0.8	16	4	4940	1.85
C104522		0.94	0.022	0.8	1.64	3	<10	60	2.0	<2	0.67	<0.5	21	24	2820	7.74

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CERTIFICATE OF ANALYSIS VA07074017

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
B376540		<10	<1	0.01	10	12.40	179	<1	0.02	4	170	<2	<0.01	2	<1	52
B376541		10	<1	0.09	10	4.97	830	<1	0.22	110	1300	4	0.18	<2	14	127
B376542		<10	<1	0.14	10	1.01	222	19	0.05	43	1430	5	5.41	<2	3	46
B376543		<10	<1	0.16	10	0.48	143	13	0.06	9	880	3	0.03	<2	1	30
B376544		<10	<1	0.11	10	0.38	123	1	0.06	5	910	3	0.07	<2	2	47
B376545		<10	<1	0.24	10	0.62	156	<1	0.05	5	480	<2	0.05	<2	3	20
B376546		10	<1	0.12	10	4.00	782	1	0.11	114	1360	3	0.25	<2	14	108
B376547		<10	1	0.24	10	0.61	155	11	0.08	8	820	<2	0.20	<2	2	47
B376548		10	1	0.44	20	1.04	250	5	0.16	13	3160	<2	0.44	<2	3	130
B376549		<10	<1	0.30	10	0.51	120	12	0.04	4	510	2	0.11	<2	2	25
B376550		10	<1	1.00	10	2.02	299	2	0.09	118	740	5	0.03	<2	3	41
C104504		<10	<1	0.14	10	0.39	84	78	0.04	5	510	<2	0.81	<2	1	20
C104505		10	<1	0.19	20	0.82	209	11	0.13	10	3420	2	0.19	<2	2	116
C104506		10	<1	0.30	10	1.98	589	7	0.11	18	1870	3	0.40	<2	10	139
C104507		10	<1	0.70	10	1.30	274	5	0.20	19	1630	3	0.35	<2	3	146
C104508		10	1	0.59	20	1.76	384	3	0.45	31	3710	7	0.14	<2	4	501
C104509		<10	<1	0.02	10	12.20	175	<1	0.02	2	180	<2	<0.01	<2	<1	58
C104510		10	<1	0.26	10	1.82	434	584	0.13	26	1240	3	0.11	<2	5	134
C104511		<10	<1	0.26	20	1.93	1340	27	0.07	21	2280	16	0.25	5	13	260
C104512		10	<1	0.66	10	1.94	611	7	0.15	18	1620	4	0.26	2	8	157
C104513		<10	<1	0.16	10	1.09	239	74	0.06	9	640	6	0.32	<2	4	50
C104514		10	<1	0.65	20	1.30	457	14	0.13	14	1880	<2	0.15	<2	6	164
C104515		<10	<1	0.07	10	1.45	404	260	0.01	6	360	6	0.08	2	2	159
C104516		10	<1	0.68	10	1.32	384	15	0.10	14	1320	2	0.22	2	6	77
C104517		10	<1	0.48	10	1.04	478	66	0.06	12	1020	3	0.11	<2	9	55
C104518		<10	<1	0.09	<10	0.14	35	<1	0.05	4	90	<2	0.10	<2	2	22
C104519		<10	<1	0.10	10	0.15	49	<1	0.06	4	230	<2	0.03	<2	2	36
C104520		<10	<1	0.03	<10	0.43	84	<1	0.04	26	190	<2	1.39	<2	1	22
C104521		<10	<1	0.01	<10	0.67	151	<1	0.01	15	470	<2	0.63	<2	<1	11
C104522		10	<1	0.06	<10	0.97	164	<1	0.05	50	260	4	4.23	2	3	17

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Project: HOPPER

CERTIFICATE OF ANALYSIS VA07074017

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.01
B376540		<20	<0.01	<10	<10	2	<10	14	
B376541		<20	0.33	<10	<10	178	<10	64	
B376542		<20	0.20	<10	<10	113	<10	103	2.25
B376543		<20	0.12	<10	<10	68	<10	16	
B376544		<20	0.11	<10	<10	73	<10	11	
B376545		<20	0.11	<10	<10	52	<10	16	
B376546		<20	0.06	<10	<10	160	<10	51	
B376547		<20	0.14	<10	<10	60	<10	15	
B376548		<20	0.24	<10	<10	202	<10	22	
B376549		<20	0.13	<10	<10	56	30	12	
B376550		<20	0.27	<10	<10	105	<10	34	
C104504		<20	0.10	<10	<10	46	<10	24	
C104505		<20	0.22	<10	<10	157	<10	21	
C104506		<20	0.14	<10	<10	195	40	43	
C104507		<20	0.29	<10	<10	212	<10	36	
C104508		<20	0.21	<10	<10	276	<10	35	
C104509		<20	<0.01	<10	<10	3	<10	16	
C104510		<20	0.18	<10	10	140	<10	32	
C104511		<20	0.04	<10	<10	148	<10	61	
C104512		<20	0.27	<10	<10	180	10	43	
C104513		20	0.08	<10	10	60	10	22	
C104514		<20	0.26	<10	<10	176	<10	36	
C104515		<20	<0.01	<10	<10	18	<10	16	
C104516		<20	0.26	<10	<10	142	<10	43	
C104517		<20	0.16	<10	<10	111	<10	38	
C104518		<20	0.10	<10	<10	13	10	5	
C104519		<20	0.06	<10	<10	13	<10	6	
C104520		20	0.06	<10	<10	11	<10	9	
C104521		<20	0.01	<10	<10	10	70	76	
C104522		<20	0.07	<10	<10	30	90	14	

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

CERTIFICATE VA07067530

Project: HOPPER

P.O. No.:

This report is for 10 Rock samples submitted to our lab in Vancouver, BC, Canada on 27-JUN-2007.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

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

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: **STRATEGIC METALS LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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:

Lawrence Ng, Laboratory Manager - Vancouver

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Project: HOPPER

Finalized D... 12-JUL-2007
Account: MTT

CERTIFICATE OF ANALYSIS VA07067530

Sample Description	Method	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
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
B376090		0.60	0.008	0.2	1.79	<2	<10	580	<0.5	<2	0.84	<0.5	20	20	381	5.15
B376091		0.48	0.011	0.2	1.72	<2	<10	640	<0.5	<2	0.78	<0.5	18	13	265	5.30
B376092		1.34	0.011	0.3	1.85	<2	<10	410	<0.5	<2	0.86	<0.5	21	34	591	4.86
B376093		1.54	0.014	0.4	1.78	<2	<10	470	<0.5	<2	0.92	<0.5	18	42	810	4.45
B376094		2.78	0.014	0.6	1.54	2	<10	1060	<0.5	<2	1.31	<0.5	16	20	1180	4.06
B376095		1.06	0.017	0.6	1.75	3	<10	490	<0.5	<2	1.02	<0.5	17	18	1010	4.27
B376096		1.58	0.013	0.3	1.68	<2	<10	520	<0.5	<2	1.03	<0.5	17	30	723	4.34
B376097		1.52	0.013	0.5	1.51	<2	<10	460	<0.5	<2	1.24	<0.5	16	20	1190	4.52
B376098		1.80	0.018	0.6	1.71	3	<10	540	<0.5	<2	0.94	<0.5	19	17	1200	4.61
B376099		2.38	0.007	<0.2	2.31	<2	<10	650	<0.5	<2	1.70	<0.5	25	22	358	6.63

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Project: HOPPER

Finalized Date: 12-JUL-2007
Account: MTT

CERTIFICATE OF ANALYSIS VA07067530

Sample Description	Method	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	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
B376090		10	<1	0.78	20	1.54	472	11	0.14	12	2010	5	0.05	<2	8	70
B376091		10	<1	0.92	20	1.58	424	24	0.14	10	2120	6	0.05	<2	7	71
B376092		10	1	0.69	20	1.67	444	28	0.15	17	1770	8	0.08	<2	8	70
B376093		10	1	0.81	20	1.48	374	46	0.16	13	1710	4	0.09	<2	6	80
B376094		<10	1	0.67	20	1.33	453	25	0.12	10	1480	5	0.11	<2	8	126
B376095		10	<1	0.68	20	1.40	374	21	0.12	13	1660	11	0.08	<2	5	67
B376096		<10	1	0.68	20	1.44	431	43	0.13	11	1580	4	0.08	<2	6	68
B376097		10	1	0.77	20	1.30	457	63	0.15	9	1670	6	0.15	<2	6	82
B376098		10	<1	0.91	20	1.43	426	121	0.16	10	1640	6	0.18	<2	7	83
B376099		10	1	0.97	20	2.35	973	13	0.14	16	2280	4	0.05	<2	20	97

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Total # es: 2 (A - C)
Finalized D. 12-JUL-2007
Account: MTT

Project: HOPPER

CERTIFICATE OF ANALYSIS VA07067530

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Ti	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
B376090		<20	0.32	<10	<10	189	<10	59
B376091		<20	0.37	<10	<10	198	<10	58
B376092		<20	0.34	<10	<10	184	<10	47
B376093		<20	0.33	<10	<10	165	<10	41
B376094		<20	0.26	<10	<10	141	<10	39
B376095		<20	0.32	<10	<10	156	<10	42
B376096		<20	0.32	<10	<10	160	<10	43
B376097		<20	0.34	<10	<10	180	<10	40
B376098		<20	0.32	<10	<10	164	<10	52
B376099		<20	0.34	<10	<10	234	<10	86

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Finalized

CERTIFICATE VA07067209

Project: HOPPER

P.O. No.:

This report is for 24 Soil samples submitted to our lab in Vancouver, BC, Canada on 27-JUN-2007.

The following have access to data associated with this certificate:

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

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

Signature:

Lawrence Ng, Laboratory Manager - Vancouv

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Project: HOPPER

Finalized D...: 7-JUL-2007
Account: MTT

CERTIFICATE OF ANALYSIS VA07067209

Sample Description	Method	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
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC27076		0.46	<0.2	1.93	5	<10	280	0.5	<2	0.76	<0.5	14	53	342	3.61	10
CC27077		0.42	<0.2	1.23	5	<10	650	0.8	<2	0.72	<0.5	17	26	575	4.25	<10
CC27078		0.58	0.7	1.53	8	<10	1160	0.6	<2	1.14	<0.5	23	35	1350	5.68	10
CC27079		0.62	0.3	1.09	3	<10	320	0.5	<2	0.57	<0.5	14	20	630	4.70	<10
CC27080		0.52	<0.2	1.60	7	<10	270	<0.5	<2	0.65	<0.5	16	28	416	3.65	10
CC27081		0.58	<0.2	1.02	15	<10	250	0.6	<2	0.80	<0.5	26	12	599	4.75	<10
CC27082		0.44	<0.2	1.55	5	<10	270	<0.5	<2	1.00	<0.5	15	29	651	3.20	<10
CC27083		0.40	0.2	2.08	3	<10	350	<0.5	<2	1.14	<0.5	30	32	1930	5.36	10
CC27084		0.40	<0.2	2.29	4	<10	240	<0.5	<2	0.89	<0.5	22	33	1675	4.55	10
CC27085		0.52	1.0	0.91	9	<10	750	0.9	2	1.12	<0.5	17	10	2620	4.40	<10
CC27106		0.56	0.5	1.26	6	<10	440	0.7	<2	1.02	<0.5	18	26	2650	4.48	<10
CC27107		0.60	0.2	1.31	5	<10	190	<0.5	<2	0.65	<0.5	13	29	1490	2.81	<10
CC27108		0.52	0.3	1.39	3	<10	190	<0.5	<2	0.76	<0.5	12	33	1430	2.90	<10
CC27109		0.64	0.4	0.54	2	<10	160	1.1	<2	0.96	<0.5	21	4	2410	4.32	<10
CC27110		0.54	0.4	0.58	5	<10	180	0.7	<2	1.07	<0.5	19	4	1590	3.45	<10
CC27111		0.64	0.5	0.90	<2	<10	600	0.7	<2	1.44	<0.5	14	9	1630	3.39	<10
CC27112		0.54	0.3	1.18	4	<10	350	0.6	2	0.88	<0.5	15	17	1280	3.42	<10
CC27113		0.50	0.3	1.64	28	<10	170	0.8	<2	3.14	<0.5	15	3	605	3.52	<10
CC27114		0.50	0.5	0.70	15	<10	250	0.9	<2	1.55	<0.5	17	8	1190	3.63	<10
CC27115		0.64	0.3	1.68	3	<10	200	0.9	<2	1.48	<0.5	19	5	1340	4.14	<10
CC27116		0.56	0.2	0.55	18	<10	110	0.9	<2	2.50	<0.5	22	5	1150	4.54	<10
CC27117		0.54	0.2	1.44	5	<10	460	0.5	<2	0.99	<0.5	16	24	852	3.66	<10
CC27118		0.58	0.4	1.46	9	<10	570	0.6	<2	0.89	<0.5	17	25	1020	4.35	<10
CC27119		0.58	0.9	1.15	8	<10	340	0.9	2	0.87	<0.5	21	11	1570	4.76	<10

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VANCOUVER BC V6B 1L8

Project: HOPPER

Finalized D...e: 7-JUL-2007
Account: MTT

CERTIFICATE OF ANALYSIS VA07067209

Sample Description	Method	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	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC27076		<1	0.19	20	1.14	348	11	0.04	30	1130	17	0.05	2	8	51	<20
CC27077		1	0.20	20	0.59	455	42	0.01	20	1460	10	0.05	4	13	46	<20
CC27078		<1	0.29	30	1.09	777	47	0.02	22	3060	11	0.09	6	11	76	<20
CC27079		<1	0.12	20	0.33	406	45	0.01	14	1090	7	0.06	3	6	32	<20
CC27080		<1	0.10	10	0.79	476	44	0.02	16	690	9	0.07	5	5	42	<20
CC27081		1	0.10	30	0.38	501	179	0.01	18	2030	11	0.07	6	12	38	<20
CC27082		<1	0.14	20	0.90	463	21	0.02	15	1440	7	0.08	5	6	63	<20
CC27083		<1	0.32	30	1.51	432	30	0.01	25	3100	6	0.06	5	7	108	<20
CC27084		<1	0.22	30	1.56	400	15	0.02	23	2350	8	0.06	4	7	49	<20
CC27085		<1	0.19	40	0.46	375	84	<0.01	17	1990	4	0.04	2	12	62	<20
CC27106		<1	0.20	30	0.67	477	47	0.01	20	2010	5	0.05	5	12	49	<20
CC27107		<1	0.13	20	0.81	474	11	0.02	19	1180	5	0.02	<2	7	31	<20
CC27108		<1	0.15	20	0.97	520	15	0.02	18	1420	5	0.02	<2	7	35	<20
CC27109		<1	0.20	30	0.20	954	163	<0.01	11	1940	7	0.02	3	11	30	<20
CC27110		<1	0.20	30	0.22	664	54	<0.01	8	2470	9	0.03	4	16	33	<20
CC27111		<1	0.20	30	0.55	551	117	0.01	10	2050	6	0.03	2	14	48	<20
CC27112		<1	0.17	30	0.59	550	53	0.01	14	1700	4	0.02	2	11	38	<20
CC27113		<1	0.21	20	0.65	433	23	<0.01	5	1790	3	0.02	<2	12	98	<20
CC27114		<1	0.20	40	0.52	528	50	<0.01	10	2210	9	0.03	<2	17	63	<20
CC27115		<1	0.17	30	0.61	642	47	<0.01	10	2020	4	0.01	<2	19	64	<20
CC27116		<1	0.21	30	0.72	739	78	<0.01	12	2810	15	0.05	<2	15	92	<20
CC27117		<1	0.23	20	0.84	593	26	0.02	17	1760	5	0.03	2	10	54	<20
CC27118		1	0.29	30	0.89	712	35	0.02	19	1900	7	0.02	2	12	48	<20
CC27119		<1	0.23	30	0.58	522	60	0.01	12	1850	10	0.01	6	15	41	<20

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Project: HOPPER

CERTIFICATE OF ANALYSIS VA07067209

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC27076		0.18	<10	<10	90	<10	61
CC27077		0.05	<10	<10	94	<10	50
CC27078		0.17	<10	<10	137	<10	70
CC27079		0.02	<10	<10	83	<10	41
CC27080		0.13	<10	<10	92	<10	46
CC27081		0.03	<10	<10	108	<10	35
CC27082		0.17	<10	<10	87	<10	59
CC27083		0.28	<10	<10	134	<10	94
CC27084		0.32	<10	<10	125	<10	74
CC27085		0.02	<10	<10	61	<10	44
CC27106		0.10	<10	<10	84	<10	62
CC27107		0.14	<10	<10	62	<10	49
CC27108		0.13	<10	<10	66	<10	49
CC27109		<0.01	<10	<10	58	<10	57
CC27110		<0.01	<10	<10	65	<10	44
CC27111		0.02	<10	<10	57	<10	44
CC27112		0.08	<10	<10	68	<10	50
CC27113		0.02	<10	<10	49	<10	43
CC27114		0.02	<10	<10	71	<10	48
CC27115		0.02	<10	<10	62	<10	59
CC27116		<0.01	<10	<10	94	<10	69
CC27117		0.13	<10	<10	83	<10	58
CC27118		0.13	<10	<10	90	<10	61
CC27119		0.05	<10	<10	82	<10	69

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North Vancouver BC V7J 2C1
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

CERTIFICATE VA07064111

Project: Hopper

P.O. No.:

This report is for 54 Rock samples submitted to our lab in Vancouver, BC, Canada on 20-JUN-2007.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

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

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: **STRATEGIC METALS LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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: Lawrence Ng

Lawrence Ng, Laboratory Manager - Vancouver

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Project: Hopper

CERTIFICATE OF ANALYSIS VA07064111

Sample Description	Method	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
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
B376036		0.44	<0.2	1.42	3	<10	280	<0.5	<2	1.07	<0.5	13	42	324	3.34	10
B376037		0.86	0.2	1.03	3	<10	220	<0.5	<2	0.72	<0.5	8	20	236	2.79	<10
B376038		0.92	0.2	1.12	<2	<10	190	<0.5	<2	0.83	<0.5	7	22	355	2.79	10
B376039		1.60	<0.2	1.29	5	<10	300	<0.5	<2	0.84	<0.5	10	26	208	3.63	10
B376040		1.50	0.2	1.18	<2	<10	310	<0.5	2	0.80	<0.5	10	30	353	3.50	<10
B376041		1.14	<0.2	1.29	<2	<10	240	<0.5	<2	0.77	<0.5	11	43	155	3.37	10
B376042		1.20	<0.2	0.91	<2	<10	390	<0.5	<2	0.51	<0.5	8	39	61	2.24	<10
B376043		1.08	<0.2	1.13	3	<10	520	<0.5	<2	0.40	<0.5	9	39	193	2.70	10
B376044		1.38	<0.2	1.11	3	<10	480	<0.5	<2	0.62	<0.5	9	36	433	2.63	10
B376045		1.12	0.2	1.05	<2	<10	460	<0.5	<2	0.51	<0.5	8	37	459	2.50	<10
B376046		0.84	0.3	0.91	<2	<10	230	<0.5	2	0.60	<0.5	6	33	722	2.11	<10
B376047		0.66	<0.2	0.03	2	<10	10	<0.5	<2	20.7	<0.5	<1	1	3	0.41	<10
B376048		1.76	<0.2	0.87	2	<10	310	<0.5	<2	0.65	<0.5	7	35	400	2.21	<10
B376049		1.80	<0.2	1.91	6	<10	330	<0.5	<2	2.59	<0.5	17	68	56	3.89	10
B376050		0.92	<0.2	1.96	3	<10	290	<0.5	<2	2.15	<0.5	14	77	71	3.39	10
B376051		0.52	0.4	0.56	12	10	190	<0.5	<2	9.83	<0.5	5	5	1375	2.27	<10
B376052		0.60	<0.2	0.84	<2	<10	330	<0.5	<2	0.54	<0.5	6	37	17	2.08	<10
B376053		0.56	<0.2	1.05	<2	<10	150	<0.5	<2	0.65	<0.5	8	39	30	2.22	10
B376054		0.68	<0.2	1.07	3	<10	800	<0.5	<2	1.43	<0.5	9	41	443	2.69	10
B376055		1.00	0.4	1.06	4	<10	930	<0.5	<2	0.95	<0.5	9	40	780	2.58	10
B376056		1.38	1.2	1.55	3	<10	460	<0.5	<2	0.75	<0.5	13	53	3220	3.23	10
B376057		1.76	0.2	1.43	<2	<10	330	<0.5	<2	0.99	<0.5	13	69	909	2.91	10
B376058		1.34	1.1	1.34	<2	<10	160	<0.5	<2	0.77	<0.5	13	62	5380	3.22	10
B376059		0.50	<0.2	0.80	<2	<10	350	<0.5	<2	0.43	<0.5	5	36	30	1.95	<10
B376060		0.64	<0.2	0.75	2	<10	330	<0.5	<2	0.44	<0.5	6	37	16	1.98	<10
B376061		0.56	<0.2	0.77	<2	<10	360	<0.5	<2	0.42	<0.5	5	37	42	1.99	<10
B376062		0.54	<0.2	0.70	4	<10	280	<0.5	<2	0.46	<0.5	5	34	28	1.80	<10
B376063		0.60	<0.2	0.78	<2	<10	300	<0.5	<2	0.51	<0.5	5	35	20	1.88	<10
B376064		0.56	<0.2	0.73	2	<10	240	<0.5	<2	0.77	<0.5	4	27	26	2.22	<10
B376065		0.68	<0.2	0.74	6	<10	180	<0.5	<2	0.74	<0.5	6	26	55	2.39	<10
B376066		0.92	2.0	1.02	<2	<10	360	<0.5	5	0.75	<0.5	8	22	592	2.38	<10
B376067		0.90	<0.2	0.94	4	<10	280	<0.5	<2	0.92	<0.5	7	41	68	2.87	<10
B376068		1.12	<0.2	1.05	2	<10	430	<0.5	3	0.86	<0.5	9	31	148	2.94	10
B376069		0.62	<0.2	0.04	<2	<10	10	<0.5	<2	20.6	<0.5	<1	1	2	0.40	<10
B376070		0.92	0.5	1.03	<2	<10	520	<0.5	2	0.96	<0.5	9	27	486	3.14	10
B376071		0.76	<0.2	1.10	2	<10	890	<0.5	2	1.04	<0.5	10	32	204	3.42	10
B376072		1.26	0.5	1.18	3	<10	2150	<0.5	3	1.47	<0.5	11	92	342	3.25	10
B376073		1.14	1.9	0.90	6	<10	810	<0.5	9	0.97	<0.5	8	79	743	2.20	<10
B376074		0.82	0.6	1.06	3	<10	350	<0.5	5	0.85	<0.5	9	36	244	3.17	10
B376075		0.74	<0.2	1.02	<2	<10	340	<0.5	<2	0.82	<0.5	9	38	110	3.16	<10

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2007
Account: MTT

Project: Hopper

CERTIFICATE OF ANALYSIS VA07064111

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20
B376036		<1	0.36	20	0.94	441	7	0.14	16	1030	8	0.08	<2	6	77	<20
B376037		<1	0.32	10	0.64	326	1	0.15	6	950	5	0.03	<2	3	64	<20
B376038		1	0.31	10	0.73	320	2	0.15	8	970	2	0.04	<2	4	71	<20
B376039		<1	0.41	10	0.89	320	7	0.18	7	1150	2	0.02	3	4	76	<20
B376040		<1	0.35	10	0.80	306	14	0.17	8	1160	2	0.04	<2	3	75	<20
B376041		<1	0.36	10	0.94	378	11	0.18	13	980	3	0.01	<2	4	74	<20
B376042		<1	0.29	10	0.60	260	5	0.10	12	570	3	0.01	<2	5	38	<20
B376043		<1	0.36	10	0.87	263	10	0.12	12	600	<2	0.02	2	4	42	<20
B376044		<1	0.40	10	0.80	290	2	0.12	14	590	<2	0.03	<2	4	41	<20
B376045		<1	0.30	10	0.77	247	2	0.11	13	630	2	0.03	2	3	41	<20
B376046		<1	0.14	10	0.60	181	12	0.09	10	550	3	0.06	<2	3	37	<20
B376047		<1	0.01	<10	12.75	183	<1	0.01	<1	140	<2	<0.01	<2	<1	49	<20
B376048		<1	0.18	10	0.66	227	7	0.09	11	580	<2	0.03	<2	3	41	<20
B376049		<1	0.18	10	2.14	639	1	0.09	52	1120	5	0.15	<2	10	131	<20
B376050		<1	0.16	10	1.93	519	1	0.16	53	930	2	0.12	<2	8	150	<20
B376051		<1	0.30	<10	1.43	497	29	0.01	5	420	4	0.06	11	4	251	<20
B376052		<1	0.28	10	0.57	235	2	0.12	10	590	2	<0.01	<2	3	39	<20
B376053		<1	0.15	10	0.73	168	<1	0.10	17	670	<2	<0.01	2	3	55	<20
B376054		<1	0.23	10	0.97	332	3	0.10	11	850	2	0.07	<2	5	73	<20
B376055		<1	0.22	10	0.89	302	2	0.11	10	850	<2	0.05	2	4	67	<20
B376056		<1	0.39	10	1.25	300	21	0.13	23	750	<2	0.17	<2	5	69	<20
B376057		<1	0.25	10	1.30	317	3	0.10	30	740	7	0.02	<2	5	55	<20
B376058		<1	0.18	10	1.27	303	32	0.08	26	680	<2	0.31	<2	5	43	<20
B376059		<1	0.30	10	0.54	232	2	0.12	9	600	<2	<0.01	<2	2	33	<20
B376060		<1	0.30	10	0.49	211	2	0.11	9	600	2	<0.01	<2	2	34	<20
B376061		<1	0.30	10	0.48	219	3	0.11	9	620	<2	0.01	<2	2	35	<20
B376062		<1	0.24	10	0.41	171	4	0.10	7	600	<2	0.01	<2	2	34	<20
B376063		<1	0.26	10	0.45	184	12	0.12	8	670	<2	<0.01	<2	2	39	<20
B376064		<1	0.16	10	0.39	176	105	0.10	6	960	<2	0.01	<2	2	44	<20
B376065		<1	0.18	10	0.46	197	14	0.13	7	970	<2	<0.01	<2	2	47	<20
B376066		<1	0.21	10	0.62	253	111	0.10	8	980	4	0.04	<2	3	47	<20
B376067		<1	0.21	10	0.61	221	15	0.13	8	1170	<2	0.01	<2	2	62	<20
B376068		<1	0.24	10	0.72	286	17	0.14	9	1150	<2	0.02	<2	3	68	<20
B376069		<1	0.02	<10	12.05	169	<1	0.01	<1	270	<2	<0.01	<2	<1	55	<20
B376070		<1	0.22	10	0.68	304	37	0.13	8	1200	3	0.04	<2	3	68	<20
B376071		<1	0.23	10	0.69	315	25	0.13	9	1180	<2	0.04	2	4	79	<20
B376072		<1	0.26	10	1.05	434	24	0.15	17	1070	2	0.07	<2	6	144	<20
B376073		<1	0.16	10	0.82	225	89	0.10	12	1040	<2	0.06	<2	3	71	<20
B376074		<1	0.20	10	0.87	264	22	0.11	10	1210	<2	0.02	<2	4	63	<20
B376075		<1	0.19	10	0.87	258	26	0.12	10	1130	2	0.02	<2	4	61	<20

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Project: Hopper

CERTIFICATE OF ANALYSIS VA07064111

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-ICP21
	Analyte	Ti	Tl	U	V	W	Zn	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2	0.001
B376036		0.12	<10	<10	81	10	41	<0.001
B376037		0.14	<10	<10	70	<10	27	<0.001
B376038		0.15	<10	<10	74	10	28	<0.001
B376039		0.21	<10	<10	112	<10	30	0.005
B376040		0.21	<10	<10	107	10	31	0.005
B376041		0.18	<10	<10	106	<10	37	<0.001
B376042		0.08	<10	<10	49	<10	17	<0.001
B376043		0.13	<10	<10	63	10	18	<0.001
B376044		0.14	<10	<10	61	10	22	<0.001
B376045		0.14	<10	<10	61	20	19	<0.001
B376046		0.11	<10	<10	50	40	17	<0.001
B376047		<0.01	<10	10	1	<10	15	<0.001
B376048		0.09	<10	<10	52	10	17	<0.001
B376049		0.02	<10	<10	88	<10	62	<0.001
B376050		0.12	<10	<10	91	<10	39	<0.001
B376051		<0.01	<10	<10	14	<10	27	0.003
B376052		0.14	<10	<10	53	<10	20	<0.001
B376053		0.14	<10	<10	51	<10	19	<0.001
B376054		0.14	<10	<10	78	<10	26	0.002
B376055		0.14	<10	<10	72	<10	24	0.006
B376056		0.17	<10	<10	77	60	31	0.004
B376057		0.18	<10	<10	75	<10	30	<0.001
B376058		0.13	<10	<10	66	10	31	0.005
B376059		0.15	<10	<10	50	<10	22	<0.001
B376060		0.14	<10	<10	50	<10	23	<0.001
B376061		0.14	<10	<10	52	<10	21	<0.001
B376062		0.13	<10	<10	48	<10	15	<0.001
B376063		0.14	<10	<10	51	<10	15	<0.001
B376064		0.15	<10	<10	70	40	13	<0.001
B376065		0.16	<10	<10	75	10	14	<0.001
B376066		0.12	<10	<10	63	10	26	0.041
B376067		0.18	<10	<10	97	<10	18	<0.001
B376068		0.17	<10	<10	102	<10	23	0.009
B376069		<0.01	<10	10	2	<10	14	<0.001
B376070		0.16	<10	<10	95	10	23	0.006
B376071		0.17	<10	<10	102	<10	25	<0.001
B376072		0.20	<10	<10	103	10	32	0.024
B376073		0.18	<10	<10	80	20	16	0.042
B376074		0.16	<10	<10	102	30	19	0.030
B376075		0.16	<10	<10	102	<10	20	<0.001

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Project: Hopper

CERTIFICATE OF ANALYSIS VA07064111

Sample Description	Method	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
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
B376076		1.02	<0.2	0.88	3	<10	310	<0.5	<2	0.85	<0.5	8	37	73	3.11	10
B376077		0.92	<0.2	2.73	<2	<10	550	<0.5	<2	1.52	<0.5	17	30	265	4.56	10
B376078		1.66	<0.2	2.73	5	<10	430	<0.5	<2	1.61	<0.5	16	40	214	4.57	10
B376079		11.80	<0.2	0.93	<2	<10	170	<0.5	<2	0.81	<0.5	11	29	96	2.55	<10
B376080		13.20	0.2	0.96	4	<10	140	<0.5	<2	0.84	<0.5	7	26	267	2.54	<10
B376081		13.00	0.2	0.93	<2	<10	170	<0.5	<2	0.79	<0.5	8	28	414	2.66	<10
B376082		11.00	0.2	0.80	2	<10	160	<0.5	<2	0.62	<0.5	8	29	41	2.74	10
B376083		3.82	<0.2	0.82	<2	<10	160	<0.5	<2	0.64	<0.5	14	27	122	2.69	<10
B376084		0.48	<0.2	0.03	2	<10	10	<0.5	<2	21.0	<0.5	<1	<1	1	0.43	<10
B376085		16.44	<0.2	0.87	2	<10	450	<0.5	<2	0.66	<0.5	9	27	387	2.76	<10
B376086		14.46	<0.2	0.83	<2	<10	290	<0.5	<2	0.71	<0.5	7	29	41	2.77	<10
B376087		11.54	<0.2	0.85	5	<10	280	<0.5	<2	0.85	<0.5	9	30	179	2.78	<10
B376088		16.24	<0.2	1.29	<2	<10	490	<0.5	<2	0.72	<0.5	13	20	101	3.70	10
B376089		13.16	<0.2	1.00	<2	<10	70	<0.5	<2	0.72	<0.5	13	33	45	2.01	10

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Finalized Date: 8-JUL-2007
Account: MTT

Project: Hopper

CERTIFICATE OF ANALYSIS VA07064111

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20
B376076		<1	0.19	10	0.67	272	21	0.12	8	1100	<2	0.01	<2	3	57	<20
B376077		1	0.62	10	1.20	271	22	0.46	15	1370	<2	0.02	<2	3	343	<20
B376078		<1	0.59	10	1.21	272	18	0.42	15	1380	<2	0.03	2	4	319	<20
B376079		<1	0.25	10	0.68	260	2	0.14	6	1000	5	0.01	2	3	59	<20
B376080		<1	0.26	10	0.62	234	6	0.15	7	970	<2	0.01	<2	3	59	<20
B376081		<1	0.33	10	0.62	241	2	0.16	7	1000	3	0.02	<2	3	57	<20
B376082		1	0.35	10	0.59	244	1	0.11	7	1000	<2	<0.01	<2	2	42	<20
B376083		<1	0.32	10	0.59	237	2	0.11	6	1000	3	<0.01	<2	2	42	<20
B376084		<1	0.02	<10	12.70	186	<1	0.01	<1	190	2	<0.01	<2	<1	49	<20
B376085		<1	0.36	10	0.66	281	1	0.14	8	980	<2	0.02	2	3	53	<20
B376086		<1	0.34	10	0.66	280	1	0.13	8	1040	<2	0.01	<2	3	47	<20
B376087		<1	0.31	10	0.69	316	1	0.10	9	990	<2	0.01	2	3	47	<20
B376088		<1	0.60	10	0.96	350	3	0.13	8	1110	2	0.01	3	3	58	<20
B376089		<1	0.10	10	0.71	169	<1	0.07	12	600	4	<0.01	<2	2	49	<20

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

Project: Hopper

CERTIFICATE OF ANALYSIS VA07064111

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-ICP21
	Analyte	Ti	Tl	U	V	W	Zn	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2	0.001
B376076		0.16	<10	<10	108	<10	18	<0.001
B376077		0.26	<10	<10	202	<10	38	0.004
B376078		0.26	<10	<10	188	10	35	0.004
B376079		0.17	<10	<10	82	10	19	<0.001
B376080		0.17	<10	<10	80	<10	18	<0.001
B376081		0.18	<10	<10	83	<10	19	<0.001
B376082		0.18	<10	<10	86	<10	22	<0.001
B376083		0.18	<10	<10	83	<10	20	<0.001
B376084		<0.01	<10	10	2	<10	18	<0.001
B376085		0.18	<10	<10	85	<10	24	<0.001
B376086		0.18	<10	<10	89	<10	23	<0.001
B376087		0.17	<10	<10	86	<10	24	<0.001
B376088		0.30	<10	<10	135	<10	37	<0.001
B376089		0.13	<10	<10	45	<10	22	0.001

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Finalized D 28-JUN-2007
Account: MTT

CERTIFICATE VA07064112

Project: Hopper

P.O. No.:

This report is for 7 Soil samples submitted to our lab in Vancouver, BC, Canada on 20-JUN-2007.

The following have access to data associated with this certificate:

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

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

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 28-JUN-2007
Account: MTT

Project: Hopper

CERTIFICATE OF ANALYSIS VA07064112

Sample Description	Method	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
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC27128		0.42	<0.2	1.69	12	<10	150	<0.5	<2	0.41	<0.5	17	30	88	2.84	<10
CC27129		0.54	<0.2	0.85	7	<10	100	<0.5	<2	0.47	<0.5	7	22	115	1.93	<10
CC27130		0.42	<0.2	1.41	4	<10	120	<0.5	<2	0.37	<0.5	8	26	94	2.28	<10
CC27131		0.44	<0.2	1.73	4	<10	150	<0.5	<2	0.68	<0.5	16	53	169	3.00	10
CC27132		0.36	<0.2	1.63	11	<10	200	<0.5	<2	0.45	<0.5	9	32	126	2.52	10
CC27133		0.46	<0.2	1.04	9	<10	110	<0.5	<2	0.47	<0.5	8	24	55	2.17	<10
CC27134		0.40	<0.2	0.84	5	<10	130	<0.5	<2	0.50	<0.5	7	22	95	2.05	<10

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Finalized D... 28-JUN-2007
Account: MTT

Project: Hopper

CERTIFICATE OF ANALYSIS VA07064112

Sample Description	Method	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	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC27128		<1	0.09	10	0.71	611	3	0.01	16	840	9	0.02	<2	4	24	<20
CC27129		<1	0.08	10	0.44	162	1	0.01	14	1330	5	0.01	<2	2	26	<20
CC27130		<1	0.07	10	0.51	236	1	0.01	17	830	5	<0.01	3	3	24	<20
CC27131		<1	0.12	10	0.74	229	1	0.03	38	1530	6	0.01	2	4	64	<20
CC27132		<1	0.08	10	0.67	373	4	0.01	17	760	6	0.03	<2	4	37	<20
CC27133		<1	0.09	10	0.42	217	1	0.01	13	1170	6	0.01	<2	3	23	<20
CC27134		<1	0.11	20	0.44	259	2	0.01	11	1350	4	0.01	<2	3	23	<20

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Project: Hopper

Finalized Date: 28-JUN-2007
Account: MTT

CERTIFICATE OF ANALYSIS VA07064112

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC27128		0.12	<10	<10	71	<10	56
CC27129		0.08	<10	<10	59	<10	31
CC27130		0.10	<10	<10	62	<10	36
CC27131		0.12	<10	<10	88	<10	44
CC27132		0.09	<10	<10	60	<10	86
CC27133		0.09	<10	<10	62	<10	34
CC27134		0.10	<10	<10	56	<10	31

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Finalized D

CERTIFICATE VA07060638

Project: HOPPER

P.O. No.:

This report is for 109 Soil samples submitted to our lab in Vancouver, BC, Canada on 18-JUN-2007.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
DRY-22	Drying - Maximum Temp 60C
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

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



Lawrence Ng, Laboratory Manager - Vancouve

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Finalized Da...: 25-JUN-2007
Account: MTT

Project: HOPPER

CERTIFICATE OF ANALYSIS VA07060638

Sample Description	Method	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
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC27001		0.24	<0.2	2.24	7	<10	250	0.5	<2	0.70	<0.5	12	37	155	3.23	10
CC27002		0.32	<0.2	1.58	3	<10	120	<0.5	<2	0.27	<0.5	9	27	100	2.34	<10
CC27003		0.30	<0.2	1.72	5	<10	150	0.6	<2	0.41	<0.5	13	28	19	3.58	10
CC27004		0.36	<0.2	1.52	2	<10	160	<0.5	<2	0.35	<0.5	10	29	16	2.80	10
CC27005		0.34	<0.2	1.61	5	<10	190	<0.5	<2	0.48	<0.5	11	33	32	3.07	10
CC27006		0.32	<0.2	2.04	<2	<10	130	0.5	<2	0.34	<0.5	10	36	29	3.00	10
CC27007		0.36	<0.2	2.22	5	<10	280	0.5	<2	0.39	<0.5	10	34	35	2.84	10
CC27008		0.28	<0.2	2.29	4	<10	310	<0.5	<2	0.76	<0.5	16	45	30	3.39	10
CC27009		0.36	<0.2	1.98	2	<10	150	0.5	<2	0.40	<0.5	10	37	32	2.74	10
CC27010		0.34	0.2	1.63	<2	<10	210	0.5	<2	0.66	<0.5	10	32	70	2.87	<10
CC27011		0.36	0.3	2.08	10	<10	150	0.5	<2	0.42	<0.5	12	44	33	3.44	10
CC27012		0.30	<0.2	2.48	9	<10	220	0.5	2	0.42	<0.5	16	42	97	4.22	10
CC27013		0.32	0.2	1.59	<2	<10	420	<0.5	<2	0.61	<0.5	15	27	383	3.70	10
CC27014		0.28	0.2	1.67	20	<10	170	0.5	<2	0.35	<0.5	12	30	229	3.55	10
CC27015		0.44	0.3	1.67	5	<10	150	<0.5	<2	0.36	<0.5	11	34	78	2.87	10
CC27016		0.34	<0.2	1.81	7	<10	260	<0.5	<2	0.43	<0.5	10	33	97	3.06	10
CC27017		0.34	<0.2	1.63	6	<10	140	<0.5	<2	0.41	<0.5	11	35	49	2.68	<10
CC27018		0.30	<0.2	1.71	3	<10	110	<0.5	<2	0.30	<0.5	9	35	15	2.97	10
CC27019		0.32	<0.2	1.98	9	<10	130	0.5	<2	0.32	<0.5	10	36	24	3.32	10
CC27020		0.38	<0.2	1.75	6	<10	140	<0.5	<2	0.54	<0.5	7	33	17	2.85	10
CC27021		0.30	<0.2	1.87	2	<10	180	<0.5	<2	0.64	<0.5	9	72	23	2.53	10
CC27022		0.34	0.4	2.34	2	<10	160	0.5	<2	0.54	<0.5	9	36	62	2.80	10
CC27023		0.28	0.2	1.30	11	<10	80	<0.5	<2	0.35	<0.5	8	31	89	2.69	10
CC27024		0.30	<0.2	0.69	2	<10	70	<0.5	<2	0.20	<0.5	4	14	36	1.74	10
CC27025		0.40	<0.2	1.22	5	<10	120	<0.5	<2	0.48	<0.5	10	30	81	2.71	<10
CC27026		0.34	0.2	1.13	2	<10	80	<0.5	<2	0.22	<0.5	5	20	52	2.13	10
CC27027		0.54	<0.2	1.42	4	<10	170	<0.5	<2	0.50	<0.5	10	31	75	2.36	<10
CC27028		0.30	<0.2	0.19	<2	<10	20	<0.5	<2	0.20	<0.5	3	4	11	1.45	<10
CC27029		0.28	<0.2	0.59	<2	<10	80	<0.5	<2	0.24	<0.5	2	7	38	0.50	<10
CC27030		0.36	<0.2	1.33	8	<10	140	<0.5	<2	0.49	<0.5	12	35	79	3.09	10
CC27031		0.44	<0.2	1.47	<2	<10	130	<0.5	<2	0.44	<0.5	10	35	94	2.90	<10
CC27032		0.28	<0.2	0.51	<2	<10	50	<0.5	<2	0.24	<0.5	4	10	23	1.65	<10
CC27033		0.30	<0.2	0.68	<2	<10	70	<0.5	<2	0.22	<0.5	5	9	32	1.29	<10
CC27034		0.44	0.2	1.72	15	<10	190	<0.5	<2	0.60	<0.5	20	37	106	4.38	10
CC27035		0.32	0.3	1.84	4	<10	150	<0.5	<2	0.33	<0.5	9	33	67	2.93	10
CC27036		0.36	0.2	1.63	6	<10	150	<0.5	<2	0.32	<0.5	10	29	230	3.20	10
CC27037		0.48	0.3	1.66	<2	<10	180	<0.5	<2	0.44	<0.5	7	30	240	2.51	10
CC27038		0.34	<0.2	1.61	2	<10	110	<0.5	<2	0.40	<0.5	7	31	15	2.93	10
CC27039		0.32	0.3	2.07	9	<10	290	0.6	<2	0.60	<0.5	11	37	131	3.22	10
CC27040		0.36	0.4	2.09	6	<10	120	<0.5	<2	0.27	<0.5	8	34	17	3.19	10

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Finalized Date: 25-JUN-2007
Account: MTT

Project: HOPPER

CERTIFICATE OF ANALYSIS VA07060638

Sample Description	Method	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	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	0.01
CC27001		<1	0.09	20	0.84	258	3	0.02	23	1010	6	0.04	2	6	51	0.13
CC27002		<1	0.08	10	0.54	223	2	0.01	17	340	5	0.01	<2	3	20	0.11
CC27003		<1	0.14	20	0.79	606	1	0.01	24	840	11	0.02	<2	4	24	0.11
CC27004		<1	0.14	10	0.58	375	3	0.01	20	580	8	0.02	2	4	24	0.13
CC27005		<1	0.14	10	0.72	482	5	0.01	14	320	6	0.02	<2	5	32	0.16
CC27006		<1	0.11	10	0.68	267	1	0.01	19	550	8	0.02	<2	4	23	0.16
CC27007		<1	0.11	10	0.69	307	<1	0.01	20	500	6	0.01	2	5	24	0.12
CC27008		<1	0.14	10	1.11	828	3	0.03	22	880	8	0.03	<2	6	40	0.20
CC27009		<1	0.12	10	0.66	353	<1	0.01	22	740	6	0.01	<2	5	21	0.15
CC27010		<1	0.11	20	0.70	523	6	0.02	21	850	9	0.05	4	5	36	0.10
CC27011		<1	0.14	10	0.94	415	4	0.01	27	460	9	0.03	<2	5	25	0.17
CC27012		<1	0.14	10	1.25	286	6	0.02	23	990	4	0.02	<2	4	31	0.21
CC27013		<1	0.16	20	0.93	512	5	0.02	20	1310	6	0.01	3	7	37	0.15
CC27014		<1	0.09	10	0.63	386	5	0.01	18	650	9	0.02	6	4	27	0.10
CC27015		<1	0.11	20	0.68	348	2	0.01	23	760	7	0.01	<2	4	20	0.11
CC27016		<1	0.10	10	0.73	375	2	0.01	23	680	8	<0.01	2	7	26	0.12
CC27017		<1	0.15	10	0.70	374	<1	0.01	33	890	9	0.01	<2	4	22	0.13
CC27018		<1	0.11	10	0.61	229	1	0.01	18	540	9	0.02	<2	4	17	0.14
CC27019		<1	0.16	10	0.81	300	<1	0.01	26	500	19	0.01	<2	4	18	0.14
CC27020		<1	0.10	10	0.69	256	1	0.02	15	420	8	0.02	2	4	31	0.14
CC27021		<1	0.08	10	0.82	271	1	0.05	20	510	6	0.01	<2	3	48	0.13
CC27022		<1	0.11	10	0.74	314	<1	0.03	20	640	6	0.02	<2	5	43	0.12
CC27023		<1	0.06	10	0.58	152	2	0.02	12	940	6	0.01	<2	2	31	0.11
CC27024		<1	0.03	10	0.26	119	1	0.01	8	600	3	0.02	4	1	17	0.08
CC27025		<1	0.08	10	0.62	360	2	0.01	17	1210	6	0.01	3	3	25	0.10
CC27026		<1	0.04	10	0.29	121	1	<0.01	8	410	8	0.01	<2	2	18	0.09
CC27027		<1	0.09	10	0.61	255	2	0.01	18	960	7	0.01	2	4	29	0.12
CC27028		<1	0.01	<10	0.11	71	<1	0.02	2	470	<2	0.01	<2	<1	16	0.07
CC27029		<1	0.03	<10	0.15	86	<1	0.02	3	730	3	0.03	<2	1	17	0.04
CC27030		<1	0.10	10	0.76	329	1	0.02	18	970	7	0.01	<2	4	30	0.16
CC27031		<1	0.08	10	0.67	291	2	0.02	19	990	5	0.01	2	3	25	0.12
CC27032		<1	0.04	<10	0.21	110	<1	0.01	5	680	4	0.01	<2	1	15	0.08
CC27033		<1	0.05	<10	0.20	184	1	0.02	5	720	4	0.02	<2	1	17	0.06
CC27034		<1	0.09	10	0.88	559	4	0.02	19	1080	10	0.03	3	5	38	0.14
CC27035		<1	0.09	10	0.65	252	1	0.01	20	410	6	0.01	<2	4	23	0.13
CC27036		1	0.08	10	0.58	266	4	0.01	17	510	7	0.01	2	4	22	0.11
CC27037		<1	0.10	10	0.65	245	7	0.01	19	390	8	0.01	<2	5	26	0.11
CC27038		<1	0.12	10	0.70	270	2	0.01	16	310	7	0.01	<2	4	26	0.15
CC27039		<1	0.13	20	0.71	377	2	0.01	25	700	10	0.04	<2	7	30	0.11
CC27040		<1	0.11	10	0.62	270	1	<0.01	19	320	11	<0.01	3	4	20	0.15

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUN-2007
Account: MTT

Project: HOPPER

CERTIFICATE OF ANALYSIS VA07060638

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
CC27001		<10	<10	85	<10	78
CC27002		<10	<10	54	<10	32
CC27003		<10	<10	55	<10	75
CC27004		<10	<10	62	<10	53
CC27005		<10	<10	77	<10	80
CC27006		<10	<10	70	<10	40
CC27007		<10	<10	64	<10	47
CC27008		<10	<10	71	<10	89
CC27009		<10	<10	63	<10	46
CC27010		<10	<10	58	<10	61
CC27011		<10	<10	74	<10	71
CC27012		<10	<10	137	<10	48
CC27013		<10	<10	92	<10	45
CC27014		<10	<10	76	<10	39
CC27015		<10	<10	57	<10	39
CC27016		<10	<10	65	<10	43
CC27017		<10	<10	46	<10	46
CC27018		<10	<10	62	<10	46
CC27019		<10	<10	57	<10	66
CC27020		<10	<10	69	<10	50
CC27021		<10	<10	56	<10	44
CC27022		<10	<10	61	<10	49
CC27023		<10	<10	90	<10	35
CC27024		<10	<10	49	<10	31
CC27025		<10	<10	70	<10	46
CC27026		<10	<10	56	<10	23
CC27027		<10	<10	64	<10	41
CC27028		<10	<10	47	<10	20
CC27029		<10	<10	14	<10	14
CC27030		<10	<10	84	<10	51
CC27031		<10	<10	74	<10	35
CC27032		<10	<10	47	<10	23
CC27033		<10	<10	33	<10	26
CC27034		<10	<10	117	<10	62
CC27035		<10	<10	67	<10	44
CC27036		<10	<10	69	<10	39
CC27037		<10	<10	54	<10	42
CC27038		<10	<10	67	<10	49
CC27039		<10	<10	70	<10	57
CC27040		<10	<10	72	<10	64

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CERTIFICATE OF ANALYSIS VA07060638

Sample Description	Method	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
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC27041		0.36	<0.2	1.66	4	<10	190	<0.5	<2	0.58	<0.5	11	37	34	2.96	10
CC27042		0.24	0.2	2.13	4	<10	210	<0.5	<2	0.49	<0.5	9	35	29	2.97	10
CC27043		0.44	0.2	1.35	5	<10	160	<0.5	<2	0.45	<0.5	10	31	153	2.65	<10
CC27044		0.30	0.3	2.19	2	<10	130	<0.5	<2	0.28	<0.5	10	34	39	3.16	10
CC27045		0.42	<0.2	1.32	5	<10	130	<0.5	<2	0.39	<0.5	15	46	90	3.76	10
CC27046		0.40	<0.2	1.15	<2	<10	160	<0.5	7	0.56	<0.5	13	24	73	3.01	<10
CC27047		0.44	0.2	1.59	6	<10	160	<0.5	<2	0.40	<0.5	7	33	80	2.40	10
CC27048		0.38	<0.2	1.34	<2	<10	170	<0.5	<2	0.46	<0.5	6	34	53	1.75	10
CC27049		0.42	<0.2	1.33	4	<10	150	<0.5	<2	0.58	<0.5	10	29	75	2.70	<10
CC27052		0.50	<0.2	1.04	5	<10	120	<0.5	<2	0.54	<0.5	7	26	90	2.31	<10
CC27053		0.32	0.2	1.00	5	<10	120	<0.5	<2	0.50	<0.5	10	28	113	2.49	<10
CC27054		0.32	<0.2	1.23	5	<10	100	<0.5	2	0.34	<0.5	6	31	36	2.48	10
CC27055		0.30	<0.2	0.81	5	<10	90	<0.5	<2	0.47	<0.5	9	25	155	2.72	<10
CC27056		0.38	<0.2	0.89	6	<10	90	<0.5	<2	0.23	<0.5	5	22	21	2.27	10
CC27057		0.38	<0.2	1.47	6	<10	140	<0.5	<2	0.44	<0.5	8	33	84	2.60	10
CC27058		0.34	0.3	1.72	8	<10	190	<0.5	<2	0.68	<0.5	13	34	267	3.57	10
CC27059		0.40	0.2	1.65	8	<10	170	<0.5	<2	0.46	<0.5	10	33	67	2.85	10
CC27060		0.36	<0.2	1.67	6	<10	110	<0.5	<2	0.35	<0.5	7	31	17	2.86	10
CC27061		0.32	<0.2	1.69	7	<10	130	<0.5	<2	0.26	<0.5	10	36	67	2.75	10
CC27062		0.32	<0.2	1.78	7	<10	140	<0.5	<2	0.32	<0.5	8	32	43	2.89	10
CC27063		0.28	0.3	1.48	<2	<10	200	<0.5	<2	0.43	<0.5	9	22	111	2.21	<10
CC27064		0.40	0.2	1.36	2	<10	130	<0.5	<2	0.41	<0.5	8	26	59	2.23	<10
CC27065		0.34	<0.2	1.57	6	<10	180	<0.5	<2	0.44	<0.5	7	29	29	2.46	10
CC27066		0.38	<0.2	1.63	8	<10	180	<0.5	<2	0.38	<0.5	8	31	61	2.83	10
CC27067		0.34	<0.2	1.73	4	<10	200	<0.5	<2	0.47	<0.5	8	31	61	2.64	10
CC27068		0.38	<0.2	1.52	<2	<10	130	<0.5	<2	0.29	<0.5	8	25	43	2.44	10
CC27069		0.44	0.2	1.95	<2	<10	140	<0.5	<2	0.36	<0.5	8	32	25	2.78	10
CC27070		0.44	0.2	2.25	2	<10	280	0.6	<2	0.48	<0.5	10	40	78	3.15	10
CC27071		0.54	0.2	2.03	<2	<10	250	0.5	<2	0.48	<0.5	9	36	153	2.52	10
CC27072		0.34	0.2	1.69	3	<10	150	<0.5	<2	0.35	<0.5	8	35	48	2.93	10
CC27073		0.42	<0.2	1.83	<2	<10	140	<0.5	<2	0.32	<0.5	9	36	64	2.97	10
CC27074		0.30	<0.2	1.31	4	<10	70	<0.5	<2	0.26	<0.5	6	29	24	2.94	10
CC27075		0.34	0.3	1.54	4	<10	240	<0.5	<2	0.46	<0.5	9	32	292	2.70	<10
CC27086		0.30	<0.2	0.83	<2	<10	70	<0.5	<2	0.24	<0.5	4	17	15	1.61	<10
CC27087		0.24	<0.2	1.60	5	<10	130	<0.5	<2	0.32	0.7	9	29	54	3.01	10
CC27088		0.12	0.4	1.01	<2	<10	150	<0.5	<2	0.43	<0.5	9	22	118	1.94	<10
CC27089		0.28	0.2	1.05	6	<10	120	<0.5	<2	0.47	<0.5	8	25	95	2.45	<10
CC27090		0.32	0.6	1.50	26	<10	160	<0.5	<2	0.51	<0.5	11	30	173	3.14	10
CC27091		0.22	<0.2	0.99	4	<10	90	<0.5	<2	0.23	<0.5	6	19	55	2.59	10
CC27092		0.32	0.2	2.12	4	<10	160	0.5	<2	0.62	<0.5	22	30	275	5.04	10

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Account: MTT

Project: HOPPER

CERTIFICATE OF ANALYSIS VA07060638

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Ti % 0.01
CC27041		<1	0.13	10	0.79	341	6	0.02	20	650	7	0.01	<2	5	31	0.17
CC27042		<1	0.10	10	0.77	314	2	0.01	20	370	8	<0.01	<2	5	30	0.12
CC27043		<1	0.09	10	0.62	326	1	0.01	19	820	7	0.01	<2	5	28	0.11
CC27044		<1	0.08	10	0.61	237	1	0.01	20	390	5	<0.01	<2	4	19	0.13
CC27045		<1	0.10	10	1.09	393	2	0.02	29	440	8	0.01	<2	4	30	0.12
CC27046		<1	0.13	10	0.82	315	3	0.02	17	1060	11	<0.01	2	4	29	0.16
CC27047		<1	0.10	10	0.70	231	1	0.01	19	430	7	<0.01	<2	4	26	0.14
CC27048		<1	0.07	10	0.66	175	1	0.01	16	780	7	0.02	<2	4	28	0.12
CC27049		<1	0.12	10	0.68	185	1	0.02	17	1300	5	<0.01	<2	3	31	0.13
CC27052		<1	0.09	10	0.49	220	1	0.02	15	1170	6	<0.01	<2	3	26	0.10
CC27053		<1	0.10	10	0.49	250	1	0.01	18	1180	6	<0.01	5	3	24	0.09
CC27054		<1	0.07	10	0.53	181	2	0.01	13	390	6	<0.01	<2	3	27	0.14
CC27055		<1	0.07	20	0.40	204	3	0.01	14	1260	9	<0.01	<2	3	22	0.07
CC27056		<1	0.08	10	0.37	204	2	0.01	9	310	7	<0.01	<2	3	20	0.15
CC27057		<1	0.07	10	0.68	220	1	0.01	19	880	5	0.01	<2	4	25	0.11
CC27058		<1	0.11	20	0.86	368	2	0.01	19	1070	9	0.01	4	8	38	0.15
CC27059		<1	0.14	10	0.75	308	1	0.02	22	700	7	0.01	2	4	28	0.14
CC27060		<1	0.10	10	0.62	246	1	0.01	15	330	6	<0.01	<2	4	22	0.13
CC27061		1	0.08	10	0.60	276	1	0.01	20	470	5	0.01	<2	3	15	0.10
CC27062		<1	0.07	10	0.53	212	1	0.01	15	500	7	0.01	3	4	22	0.11
CC27063		<1	0.08	10	0.44	367	1	0.02	13	540	5	0.02	<2	4	25	0.08
CC27064		<1	0.10	20	0.53	296	<1	0.01	17	1030	6	<0.01	<2	3	19	0.09
CC27065		1	0.06	10	0.62	271	1	0.01	12	390	6	<0.01	<2	4	26	0.11
CC27066		<1	0.09	10	0.70	256	1	0.01	16	660	7	<0.01	<2	4	19	0.13
CC27067		<1	0.10	10	0.70	280	<1	0.02	17	480	6	<0.01	3	5	27	0.13
CC27068		<1	0.08	10	0.51	244	1	0.01	13	550	7	<0.01	<2	3	19	0.12
CC27069		<1	0.10	10	0.66	270	<1	0.01	18	460	8	<0.01	<2	4	22	0.13
CC27070		<1	0.11	20	0.70	364	1	0.01	20	460	10	0.01	<2	6	34	0.14
CC27071		<1	0.13	10	0.78	236	1	0.02	20	490	9	0.01	<2	7	26	0.13
CC27072		1	0.09	10	0.74	295	1	0.01	17	350	7	0.01	<2	4	25	0.14
CC27073		<1	0.08	10	0.65	298	1	0.01	18	490	7	<0.01	<2	4	21	0.12
CC27074		<1	0.08	10	0.51	192	4	<0.01	13	340	8	0.01	<2	3	18	0.12
CC27075		<1	0.09	10	0.65	270	3	0.01	18	580	6	0.02	2	5	25	0.10
CC27086		<1	0.06	10	0.31	143	1	0.01	8	490	5	0.01	<2	2	18	0.08
CC27087		<1	0.08	10	0.51	288	3	0.01	13	580	7	0.01	<2	3	29	0.12
CC27088		<1	0.05	10	0.39	928	2	0.03	9	590	4	0.04	<2	4	38	0.06
CC27089		<1	0.06	10	0.56	308	2	0.01	12	620	6	0.02	<2	4	36	0.09
CC27090		<1	0.11	10	0.68	374	2	0.02	19	600	8	0.02	2	6	34	0.12
CC27091		<1	0.04	10	0.32	469	3	0.01	8	810	5	0.04	<2	2	19	0.09
CC27092		1	0.13	20	1.71	512	4	0.01	17	1700	7	<0.01	<2	7	32	0.18

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CERTIFICATE OF ANALYSIS VA07060638

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ti ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
CC27041		<10	<10	60	<10	52
CC27042		<10	<10	67	<10	51
CC27043		<10	<10	60	<10	40
CC27044		<10	<10	71	<10	41
CC27045		<10	<10	95	<10	65
CC27046		<10	<10	82	<10	49
CC27047		<10	<10	64	<10	47
CC27048		<10	<10	47	<10	38
CC27049		<10	<10	75	<10	36
CC27052		<10	<10	58	<10	34
CC27053		<10	<10	64	<10	33
CC27054		<10	<10	73	<10	37
CC27055		<10	<10	65	<10	35
CC27056		<10	<10	75	<10	35
CC27057		<10	<10	58	<10	45
CC27058		<10	<10	87	<10	61
CC27059		<10	<10	68	<10	48
CC27060		<10	<10	64	<10	44
CC27061		<10	<10	62	<10	33
CC27062		<10	<10	67	<10	34
CC27063		<10	<10	49	<10	34
CC27064		<10	<10	50	<10	29
CC27065		<10	<10	62	<10	41
CC27066		<10	<10	69	<10	36
CC27067		<10	<10	61	<10	40
CC27068		<10	<10	59	<10	37
CC27069		<10	<10	62	<10	45
CC27070		<10	<10	71	<10	53
CC27071		<10	<10	62	<10	50
CC27072		<10	<10	74	<10	45
CC27073		<10	<10	71	<10	42
CC27074		<10	<10	70	<10	35
CC27075		<10	<10	59	<10	43
CC27086		<10	<10	44	<10	29
CC27087		<10	<10	73	<10	49
CC27088		<10	<10	50	<10	39
CC27089		<10	<10	63	10	44
CC27090		<10	<10	76	<10	52
CC27091		<10	<10	75	<10	40
CC27092		<10	<10	149	<10	63

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CERTIFICATE OF ANALYSIS VA07060638

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
CC27093		0.26	0.2	0.78	6	<10	60	<0.5	<2	0.17	<0.5	5	24	44	2.39	10
CC27094		0.18	0.3	1.04	<2	<10	160	<0.5	<2	0.56	<0.5	6	17	312	1.71	<10
CC27095		0.30	<0.2	1.88	10	<10	170	<0.5	<2	0.40	<0.5	9	32	24	3.10	10
CC27096		0.32	<0.2	1.91	4	<10	160	<0.5	<2	0.46	<0.5	9	34	35	2.93	10
CC27097		0.30	<0.2	1.66	7	<10	120	<0.5	<2	0.43	<0.5	10	30	52	2.69	10
CC27098		0.52	0.2	1.68	6	<10	150	<0.5	<2	0.75	<0.5	8	35	30	2.67	<10
CC27099		0.34	<0.2	1.48	3	<10	220	<0.5	<2	0.47	<0.5	8	25	149	2.27	<10
CC27100		0.20	<0.2	0.32	<2	<10	140	<0.5	<2	0.47	<0.5	2	3	132	0.73	<10
CC27101		0.42	0.2	2.28	4	<10	290	0.6	<2	0.45	<0.5	8	34	337	3.18	10
CC27102		0.32	<0.2	1.61	6	<10	130	<0.5	<2	0.32	<0.5	7	25	123	2.67	10
CC27103		0.34	<0.2	1.97	5	<10	140	<0.5	<2	0.35	<0.5	9	33	155	3.14	10
CC27104		0.24	<0.2	1.64	<2	<10	140	<0.5	<2	0.44	<0.5	8	28	106	2.53	10
CC27105		0.24	0.2	1.14	4	<10	180	<0.5	<2	0.61	<0.5	7	22	64	2.05	10
CC27120		0.22	1.0	0.97	25	<10	380	0.6	3	1.92	<0.5	14	25	1380	3.45	<10
CC27121		0.24	<0.2	0.26	3	<10	50	<0.5	<2	0.80	<0.5	3	4	28	0.83	<10
CC27122		0.22	0.3	1.20	13	<10	130	0.6	<2	1.01	<0.5	13	30	166	2.81	<10
CC27123		0.24	0.2	1.19	19	<10	140	<0.5	<2	0.70	<0.5	13	26	70	2.62	<10
CC27124		0.20	0.4	1.93	20	<10	250	0.7	3	1.50	<0.5	28	61	305	5.11	10
CC27125		0.20	0.5	1.55	13	<10	230	0.5	<2	1.08	<0.5	28	50	283	3.86	<10
CC27126		0.14	<0.2	1.36	7	<10	220	<0.5	2	1.12	<0.5	17	59	183	3.30	<10
CC27127		0.26	0.2	1.09	25	<10	140	0.5	<2	1.12	<0.5	13	37	143	4.08	<10
CC27142		0.22	<0.2	1.94	7	<10	170	<0.5	<2	1.10	<0.5	10	45	751	3.16	10
CC27143		0.16	<0.2	1.71	9	<10	110	<0.5	<2	0.45	<0.5	7	33	19	2.68	10
CC27144		0.10	<0.2	1.87	4	<10	170	<0.5	<2	0.56	<0.5	9	36	35	2.76	10
CC27145		0.10	<0.2	1.89	3	<10	150	<0.5	<2	0.44	<0.5	9	35	22	2.72	<10
CC27146		0.12	<0.2	1.56	6	<10	140	<0.5	<2	0.37	<0.5	7	30	14	2.43	10
CC27147		0.16	0.2	2.05	4	<10	70	<0.5	<2	0.26	<0.5	9	30	38	2.73	10
CC27148		0.14	0.2	0.77	4	<10	280	<0.5	<2	1.27	<0.5	13	20	237	2.99	<10
CC27149		0.20	0.3	3.17	15	<10	420	<0.5	<2	1.99	<0.5	22	32	53	4.61	10

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

Finalized D...: 25-JUN-2007
Account: MTT

Project: HOPPER

CERTIFICATE OF ANALYSIS VA07060638

Sample Description	Method	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	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	0.01
CC27093		<1	0.14	10	0.40	165	5	<0.01	10	150	7	<0.01	2	3	12	0.15
CC27094		<1	0.05	10	0.33	274	3	0.03	8	900	5	0.06	<2	3	29	0.07
CC27095		<1	0.11	10	0.64	251	2	0.01	16	580	8	0.01	<2	4	24	0.15
CC27096		<1	0.12	10	0.68	307	1	0.02	18	610	6	0.01	<2	4	27	0.14
CC27097		<1	0.12	20	0.62	291	1	0.02	18	820	6	0.01	2	4	23	0.13
CC27098		<1	0.15	10	0.69	360	1	0.03	20	1140	8	<0.01	3	6	46	0.15
CC27099		<1	0.09	10	0.58	287	4	0.02	14	610	3	0.02	2	3	30	0.10
CC27100		<1	0.02	10	0.10	54	<1	0.04	2	540	2	0.03	<2	1	29	0.05
CC27101		<1	0.20	10	0.75	281	3	0.01	20	520	5	0.01	<2	7	29	0.14
CC27102		<1	0.09	10	0.49	249	3	0.01	12	670	6	0.01	3	4	21	0.11
CC27103		<1	0.11	10	0.65	253	3	0.01	18	620	5	0.01	<2	5	21	0.13
CC27104		<1	0.08	10	0.58	285	2	0.02	15	680	7	0.01	<2	4	29	0.12
CC27105		<1	0.08	10	0.48	375	2	0.02	10	890	8	0.03	2	4	43	0.12
CC27120		<1	0.16	10	0.56	649	16	0.02	21	960	8	0.07	15	7	87	0.03
CC27121		<1	0.04	<10	0.10	80	1	0.04	3	210	2	0.03	<2	1	20	0.04
CC27122		<1	0.21	10	0.55	570	6	0.02	31	690	7	0.05	<2	4	44	0.06
CC27123		<1	0.25	10	0.49	554	2	0.02	17	620	6	0.06	<2	3	38	0.08
CC27124		<1	0.42	20	1.26	597	5	0.02	48	1150	8	0.07	4	12	70	0.14
CC27125		<1	0.26	10	0.91	606	3	0.02	35	1160	7	0.09	2	7	66	0.10
CC27126		<1	0.24	10	0.90	345	4	0.02	44	760	3	0.10	2	5	66	0.12
CC27127		<1	0.11	10	0.58	587	5	0.02	26	770	6	0.05	2	5	38	0.08
CC27142		<1	0.13	10	1.07	290	6	0.02	24	280	6	0.02	<2	6	177	0.19
CC27143		<1	0.14	10	0.65	210	5	0.02	15	210	7	<0.01	<2	4	26	0.16
CC27144		<1	0.16	10	0.69	221	1	0.02	20	310	8	0.01	<2	5	34	0.14
CC27145		<1	0.08	10	0.66	318	1	0.02	17	510	8	<0.01	<2	4	28	0.13
CC27146		<1	0.07	10	0.56	200	1	0.01	15	220	6	<0.01	<2	4	25	0.14
CC27147		<1	0.11	10	0.51	183	14	0.01	19	200	7	<0.01	<2	3	22	0.09
CC27148		<1	0.11	10	0.46	511	16	0.01	11	1010	5	0.07	2	5	76	0.03
CC27149		1	0.48	20	1.98	347	4	0.17	41	1340	5	0.05	3	4	338	0.20

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VANCOUVER BC V6B 1L8

Finalized D...: 25-JUN-2007
Account: MTT

Project: HOPPER

CERTIFICATE OF ANALYSIS VA07060638

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
CC27093		<10	<10	79	<10	28
CC27094		<10	<10	40	<10	29
CC27095		<10	<10	69	<10	43
CC27096		<10	<10	64	<10	48
CC27097		<10	<10	55	<10	47
CC27098		<10	<10	60	<10	50
CC27099		<10	<10	52	<10	41
CC27100		<10	<10	20	<10	20
CC27101		<10	<10	68	<10	54
CC27102		<10	<10	60	<10	36
CC27103		<10	<10	68	<10	41
CC27104		<10	<10	59	<10	39
CC27105		<10	<10	55	<10	34
CC27120		<10	<10	51	<10	59
CC27121		<10	<10	22	<10	20
CC27122		<10	<10	50	<10	38
CC27123		<10	<10	52	<10	49
CC27124		<10	<10	96	<10	66
CC27125		<10	<10	80	10	52
CC27126		<10	<10	63	<10	41
CC27127		<10	<10	57	10	52
CC27142		<10	<10	70	<10	48
CC27143		<10	<10	67	<10	39
CC27144		<10	<10	64	<10	40
CC27145		<10	<10	65	<10	47
CC27146		<10	<10	63	<10	39
CC27147		<10	<10	61	<10	37
CC27148		<10	<10	49	<10	40
CC27149		<10	<10	82	<10	66

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized

: 2-JUL-2007
ccount: MTT

CERTIFICATE VA07060637

Project: HOPPER

P.O. No.:

This report is for 34 Rock samples submitted to our lab in Vancouver, BC, Canada on 18-JUN-2007.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

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

Lawrence Ng, Laboratory Manager - Vancouver

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Project: HOPPER

Finalized ..te: 2-JUL-2007
Account: MTT

CERTIFICATE OF ANALYSIS VA07060637

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	Cu-AA46 Cu % 0.01	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
B376001		0.46	0.002	0.02	0.8	1.05	<2	<10	300	<0.5	<2	1.00	0.5	9	40	201
B376002		0.56	0.002	0.01	<0.2	0.96	3	<10	260	<0.5	<2	0.78	<0.5	8	47	71
B376003		0.70	0.001	0.01	<0.2	1.00	5	<10	220	<0.5	<2	0.96	<0.5	9	34	101
B376004		0.78	0.001	0.03	0.2	1.21	8	<10	300	<0.5	<2	1.31	<0.5	13	37	368
B376005		0.68	0.003	0.05	0.5	1.03	5	<10	350	0.5	<2	1.57	<0.5	14	33	491
B376006		0.68	0.001	0.01	<0.2	0.97	4	<10	270	<0.5	<2	1.01	<0.5	12	34	126
B376007		0.42	0.003	0.01	<0.2	0.78	3	<10	360	<0.5	<2	1.75	<0.5	8	31	75
B376008		0.72	0.002	0.03	<0.2	0.89	4	<10	340	<0.5	<2	0.97	<0.5	10	41	291
B376009		0.86	0.002	<0.01	<0.2	1.00	4	<10	240	<0.5	<2	0.90	<0.5	11	35	52
B376010		0.64	0.002	0.01	<0.2	0.89	5	<10	250	<0.5	<2	0.86	<0.5	10	27	101
B376011		0.84	<0.001	<0.01	<0.2	0.82	2	<10	230	<0.5	<2	0.75	<0.5	10	29	35
B376012		0.74	0.015	0.01	<0.2	0.86	6	<10	310	<0.5	<2	0.68	<0.5	8	35	135
B376013		0.92	0.010	0.02	<0.2	0.84	2	<10	220	<0.5	<2	0.50	<0.5	6	23	168
B376014		0.74	0.006	0.02	<0.2	0.84	5	<10	210	<0.5	<2	0.61	<0.5	9	20	172
B376016		0.92	0.003	0.01	<0.2	1.20	3	<10	200	<0.5	<2	1.11	<0.5	10	22	142
B376017		0.92	0.004	0.06	0.3	1.03	5	<10	380	<0.5	<2	1.40	<0.5	12	15	619
B376018		2.44	0.053	0.03	0.3	1.24	5	<10	260	<0.5	<2	1.79	<0.5	11	43	291
B376019		0.76	0.008	<0.01	<0.2	0.04	<2	<10	10	<0.5	<2	18.9	<0.5	1	1	8
B376020		2.04	0.017	0.21	1.0	0.95	31	<10	200	0.5	<2	2.70	<0.5	23	63	2090
B376021		2.32	0.047	0.38	2.0	0.89	14	<10	510	0.7	<2	3.84	<0.5	23	64	4110
B376022		2.02	0.032	0.34	2.3	1.12	3	<10	200	<0.5	<2	1.40	<0.5	29	49	3600
B376023		1.92	0.093	0.51	2.2	0.70	<2	<10	170	<0.5	<2	1.79	<0.5	37	97	5220
B376024		1.60	0.026	0.12	0.6	1.26	3	<10	230	<0.5	<2	0.50	<0.5	15	75	1220
B376025		1.14	0.006	0.05	0.3	0.67	<2	<10	360	<0.5	<2	0.39	<0.5	11	35	504
B376026		1.22	0.002	0.04	0.2	0.80	<2	<10	300	<0.5	<2	0.50	<0.5	9	46	373
B376027		2.26	0.010	0.22	1.6	1.00	<2	<10	200	<0.5	3	0.82	<0.5	10	22	2210
B376028		1.10	0.007	0.04	0.5	1.01	<2	<10	180	<0.5	8	0.70	<0.5	9	21	385
B376029		1.48	0.001	0.01	<0.2	0.90	<2	<10	160	<0.5	<2	0.64	<0.5	8	27	107
B376030		1.12	0.001	0.02	0.2	0.93	<2	<10	200	<0.5	<2	0.83	<0.5	7	25	253
B376031		1.14	0.001	0.01	<0.2	1.15	<2	<10	290	<0.5	<2	1.30	<0.5	11	29	134
B376032		1.36	0.004	0.19	1.7	1.16	<2	<10	500	<0.5	23	1.81	<0.5	10	20	1740
B376033		1.62	0.003	0.07	0.5	1.06	<2	<10	150	<0.5	2	0.91	<0.5	9	28	641
B376034		1.14	0.006	0.07	1.1	0.95	<2	<10	150	<0.5	<2	0.76	<0.5	8	28	693
B376035		0.98	0.001	0.02	0.3	0.87	<2	<10	120	<0.5	4	0.74	<0.5	6	28	258

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Project: HOPPER

CERTIFICATE OF ANALYSIS VA07060637

Sample Description	Method	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	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
B376001		2.65	10	<1	0.23	10	0.86	352	2	0.10	11	840	12	0.05	<2	5
B376002		2.65	<10	<1	0.24	10	0.77	325	1	0.11	14	900	4	0.01	<2	3
B376003		2.67	<10	<1	0.23	20	0.83	353	2	0.10	9	920	4	0.01	<2	4
B376004		3.14	<10	<1	0.21	20	0.98	409	2	0.09	16	1110	3	0.04	<2	7
B376005		3.22	<10	<1	0.25	20	0.81	559	13	0.06	11	1030	8	0.03	2	8
B376006		3.07	10	<1	0.26	20	0.77	442	5	0.09	10	1020	3	0.02	2	7
B376007		2.51	<10	<1	0.23	10	1.05	548	4	0.09	9	860	3	0.02	<2	4
B376008		2.71	<10	<1	0.23	10	0.79	330	3	0.07	11	940	3	0.03	<2	5
B376009		2.97	<10	<1	0.27	20	0.79	390	3	0.12	9	1070	5	0.01	<2	5
B376010		2.94	<10	<1	0.27	20	0.70	409	3	0.10	7	1050	4	0.02	<2	5
B376011		2.64	<10	<1	0.29	10	0.64	323	1	0.11	7	990	3	0.01	<2	4
B376012		2.46	<10	<1	0.23	10	0.73	275	1	0.08	9	890	5	0.03	<2	4
B376013		1.98	<10	<1	0.21	10	0.59	180	2	0.09	8	620	3	0.02	<2	3
B376014		2.42	<10	<1	0.22	10	0.63	271	2	0.09	8	890	4	0.05	<2	4
B376016		2.80	10	<1	0.25	10	0.91	342	2	0.09	12	910	3	0.04	<2	5
B376017		3.18	10	<1	0.23	20	0.80	474	5	0.07	8	1040	5	0.06	<2	6
B376018		3.51	10	1	0.42	10	0.94	568	4	0.08	23	1020	18	0.06	<2	5
B376019		0.42	<10	<1	0.01	<10	11.35	184	<1	<0.01	<1	160	3	<0.01	<2	<1
B376020		3.57	<10	<1	0.20	10	1.09	478	60	0.01	75	620	7	0.20	<2	11
B376021		3.73	<10	<1	0.23	10	1.40	578	56	0.01	36	740	6	0.38	3	20
B376022		4.98	10	1	0.28	10	1.45	421	93	0.06	39	1440	3	0.20	<2	12
B376023		3.65	<10	<1	0.24	<10	1.28	381	15	0.04	95	840	2	0.33	<2	13
B376024		3.03	10	<1	0.43	10	1.01	351	4	0.05	30	430	4	0.08	<2	7
B376025		1.83	<10	<1	0.18	10	0.47	148	4	0.06	14	570	3	0.09	<2	3
B376026		1.76	<10	1	0.15	10	0.67	143	4	0.07	14	570	3	0.07	2	3
B376027		2.31	10	<1	0.17	10	0.93	280	5	0.06	10	990	2	0.05	<2	6
B376028		2.76	10	<1	0.15	10	0.90	316	2	0.07	10	980	3	0.03	<2	5
B376029		2.71	<10	<1	0.18	10	0.71	287	1	0.08	8	1060	<2	0.01	<2	3
B376030		2.79	<10	<1	0.24	10	0.70	281	4	0.09	8	1080	3	0.03	<2	4
B376031		3.13	10	<1	0.21	10	0.92	388	1	0.06	12	1040	<2	0.02	<2	6
B376032		3.06	<10	<1	0.21	10	0.96	488	28	0.05	9	880	9	0.13	<2	5
B376033		2.57	10	<1	0.15	10	1.01	323	9	0.06	9	980	3	0.04	<2	5
B376034		2.41	10	<1	0.15	10	0.76	182	14	0.07	9	1030	4	0.05	<2	3
B376035		2.27	<10	<1	0.15	10	0.56	167	9	0.06	7	1000	3	0.02	<2	2

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Finalized . : 2-JUL-2007
Account: MTT

Project: HOPPER

CERTIFICATE OF ANALYSIS VA07060637

Sample Description	Method Analyte Units LOR	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
B376001		57	<20	0.13	<10	<10	78	<10	129
B376002		51	<20	0.17	<10	<10	81	<10	29
B376003		55	<20	0.15	<10	<10	80	<10	29
B376004		74	<20	0.09	<10	<10	86	<10	32
B376005		73	<20	0.07	<10	<10	82	<10	30
B376006		63	<20	0.10	<10	<10	93	<10	29
B376007		88	<20	0.12	<10	<10	73	<10	22
B376008		53	<20	0.12	<10	<10	80	<10	22
B376009		52	<20	0.14	<10	<10	90	<10	28
B376010		60	<20	0.11	<10	<10	85	<10	30
B376011		52	<20	0.14	<10	<10	80	<10	24
B376012		49	<20	0.13	<10	<10	71	<10	20
B376013		42	<20	0.09	<10	<10	49	<10	14
B376014		49	<20	0.11	<10	<10	65	<10	19
B376016		71	<20	0.08	<10	<10	69	<10	27
B376017		104	<20	0.07	<10	<10	75	<10	33
B376018		53	<20	0.17	<10	<10	84	10	38
B376019		50	<20	<0.01	<10	10	2	<10	15
B376020		122	<20	0.04	<10	<10	63	<10	31
B376021		177	<20	0.05	<10	<10	80	10	32
B376022		36	<20	0.16	<10	<10	114	10	55
B376023		38	<20	0.12	<10	<10	81	10	43
B376024		32	<20	0.13	<10	<10	72	<10	31
B376025		30	<20	0.07	<10	<10	44	10	7
B376026		32	<20	0.09	<10	<10	48	10	7
B376027		43	<20	0.10	<10	<10	68	10	19
B376028		43	<20	0.12	<10	<10	79	<10	23
B376029		43	<20	0.13	<10	<10	82	<10	19
B376030		52	<20	0.13	<10	<10	81	<10	22
B376031		50	<20	0.08	<10	<10	83	<10	33
B376032		54	<20	0.04	<10	<10	57	<10	31
B376033		39	<20	0.11	<10	<10	78	30	26
B376034		41	<20	0.14	<10	<10	79	140	15
B376035		42	<20	0.12	<10	<10	74	10	14

APPENDIX III

ROCK SAMPLE DESCRIPTIONS

Rock Sample Descriptions

Project: Hopper Property: Hopper

Sample Number: B376533 | Grid North: UTM: Elevation: m | N | Grid East: UTM: | E | Type: Talus sample | Sample Width: | Dimension: | Abundance:

Comments: Quartz-carbonate vein talus. 15% Cp, 1% Mo, 5% Malachite and azurite. Li on most fr surfaces. Rock is very weathered. From trench 4 at 55 m.

Sample Number: B376531 | Grid North: UTM: Elevation: m | N | Grid East: UTM: | E | Type: Specimen Sample | Sample Width: | Dimension: | Abundance:

Comments: From trench 4 at 9m. Medium grained granodiorite with 5% mafics, 1% Cp disseminated in fractures

Sample Number: B376536 | Grid North: UTM: Elevation: m | N | Grid East: UTM: | E | Type: Talus sample | Sample Width: | Dimension: | Abundance:

Comments: From trench 4, at 110m Magnetite skarn w 1% Cp as blebs in fractures. Rock is dark green-grey.

Sample Number: B376532 | Grid North: UTM: Elevation: m | N | Grid East: UTM: | E | Type: Chip sample | Sample Width: 5m | Dimension: | Abundance:

Comments: From Trench 4 at 20-25 m. Fine grained, dark greenish grey mafic dyke with lenses of Granodiorite. Granodiorite contains 15% mafics (Hb > Bi), 1% Mo near contact, 2% Cp.

Sample Number: B376534 | Grid North: UTM: Elevation: m | N | Grid East: UTM: | E | Type: Talus sample | Sample Width: | Dimension: | Abundance:

Comments: From Trench 4 at 75m Magnetite skarn. very minor (<1%) blebs Mo, 5% Cp dissemmated in fractures

Sample Number: B376530 | Grid North: UTM: Elevation: m | N | Grid East: UTM: | E | Type: Specimen Sample | Sample Width: | Dimension: | Abundance:

Comments: From trench 4 at 8m. Granodiorite w 15% mafics (Mag, Hb), 2% Cp in fractures. common Li in fractures

Rock Sample Descriptions

Project: Hopper Property: Hopper

Sample Number: B376535 Grid North: N Grid East: E Type: Talus sample Dimension:
UTM: N UTM: E Sample Width: Abundance:
Elevation: m
Comments: From trench 4, at 105m
Fine grained granodiorite w 17% mafics (Hb, Bi),

Sample Number: B376537 Grid North: N Grid East: E Type: Dimension:
UTM: N UTM: E Sample Width: Abundance:
Elevation: m
Comments: From trench 4, at 117m
Magnetite skarn, with minor (~1%) cp in fractures.

Sample Number: B376529 Grid North: N Grid East: E Type: Dimension:
UTM: N UTM: E Sample Width: Abundance:
Elevation: m
Comments: From trench 4, at 2m
Medium grained granodiorite w 15% mafics (Hb, Bi), 2% cp disseminated in fractures

Sample Number: Grid North: N Grid East: E Type: Dimension:
UTM: N UTM: E Sample Width: Abundance:
Elevation: m
Comments:

Sample Number: Grid North: N Grid East: E Type: Dimension:
UTM: N UTM: E Sample Width: Abundance:
Elevation: m
Comments:

Sample Number: Grid North: N Grid East: E Type: Dimension:
UTM: N UTM: E Sample Width: Abundance:
Elevation: m
Comments:

APPENDIX IV

GEOPHYSICAL REPORTS BY GEOTECH LTD. INCLUDING THE CDS WITH DIGITAL SURVEY DATA



REPORT ON A HELICOPTER-BORNE TIME DOMAIN ELECTROMAGNETIC GEOPHYSICAL INTERPRETATION

Hopper PROPERTY

Yukon Territory, Canada

For

Strategic Metals Ltd.

By

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Survey flown in July 2007

Project 7067

January, 2008

TABLE OF CONTENTS

1. INTRODUCTION 3
2. SURVEY DESCRIPTION 5
3. GEOLOGICAL CONSIDERATIONS 6
3.1 Topography 6
3.2 Regional geological context 7
3.3 Geological context of the Hopper Property 8
3.4 Mineralization 8
4. INTERPRETATION OF THE MAGNETIC DATA 9
4.1 Introduction 9
4.2 Analysis of the Magnetic data 9
4.3 Inversion of the magnetic data 15
5. INTERPRETATION of VTEM DATA 17
5.1 Introduction 17
5.2 VTEM anomalies shape 17
5.3 Analysis of the EM results 18
5.4 Selected Anomalies 26
5.5 Conductivity Depth Sections 26
6. CONCLUSIONS AND RECOMMANDATIONS 31
7. REFERENCES 32

Appendix A: VTEM Anomaly Modelling……..….33

REPORT ON A HELICOPTER-BORNE
TIME DOMAIN ELECTROMAGNETIC INTERPRETATION

Hopper Property, Yukon Territory, Canada

1. INTRODUCTION

In July, 2007 a helicopter-borne electromagnetic survey was carried out by Geotech Ltd. for Strategic Metals Ltd. over the Hopper Property located in Yukon Territory, Canada.

This report includes the results of the geophysical interpretation, over this Property. The Property is located at approximately 110 km north-west from Whitehorse, in the Yukon Territory. The geographic coordinates of the block extents are: longitudes, 136°57'31"W and 136°47'5"W, and latitudes, 61°14'54"N and 61°19'2"N. The surveyed area is 41 km^2, and the total line kilometers flown are 245 km (Fig. 1).

The survey was conducted using Geotech Ltd VTEM system. Principal geophysical sensors included a versatile time domain electromagnetic system and a high resolution cesium magnetometer. Ancillary equipment included a GPS navigation system and a radar altimeter.

Data processing and map compilation, including generation of final digital data products were achieved at the office of Geotech Ltd in Aurora, Ontario.

The present report describes the results of the geophysical interpretation of this Property.

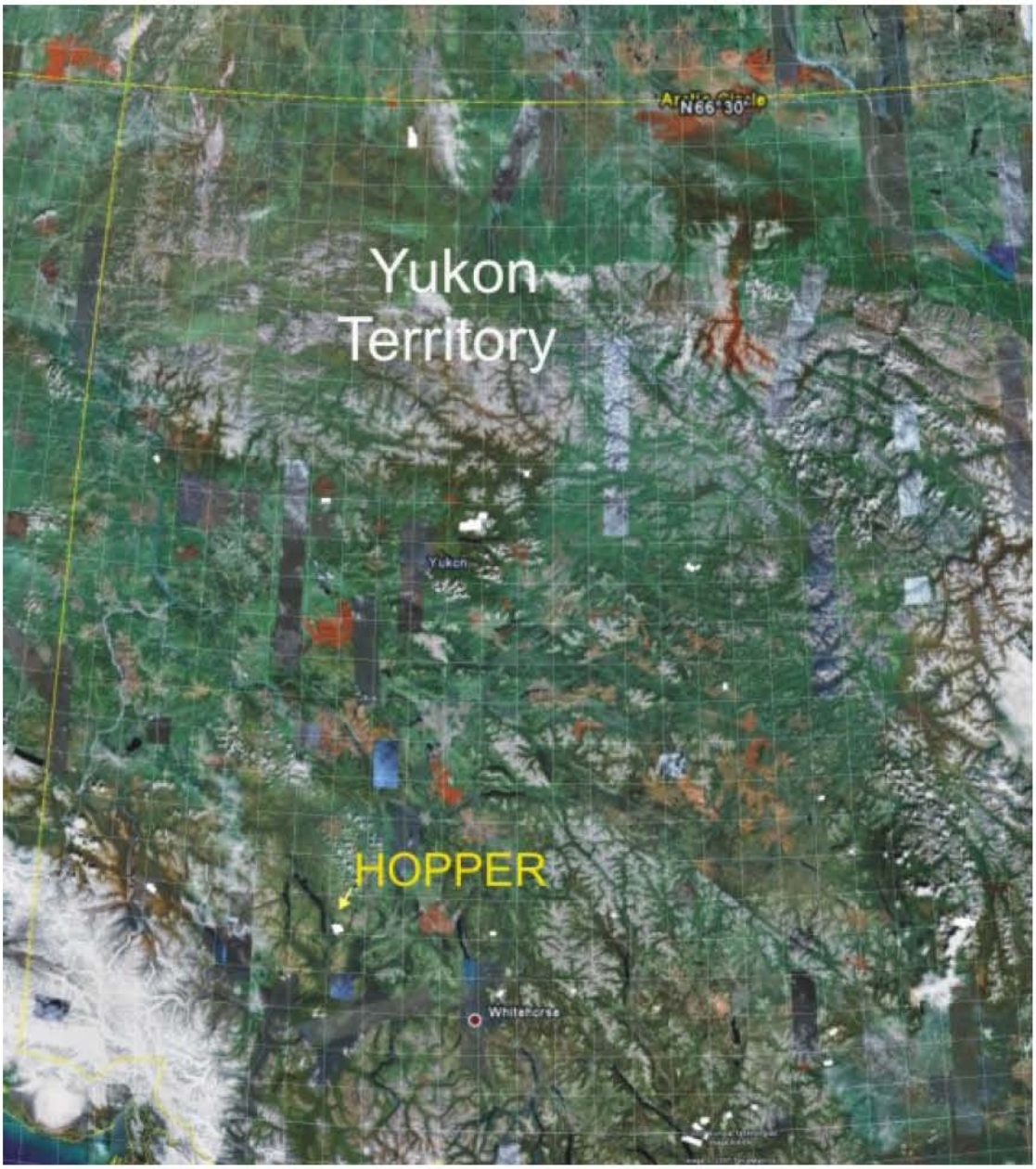


Fig. 1 Location map of the Hopper Property on the satellite image.

2. SURVEY DESCRIPTION

In July 2007, Geotech Ltd. carried out a helicopter-borne geophysical survey over the Hopper property located in Yukon. Geotech Ltd. utilized a Versatile Time Domain Electromagnetic System to measure the electromagnetic induction field (B-field) and the vertical component of its time derivative (dB/dt). The electromagnetic measurements were made at the off-time mode. The concentric in-loop system was towed at a distance of 42 m from the helicopter. The VTEM Transmitter uses a trapezoid waveform shape with 7.2 ms duration operating at a base frequency of 30Hz. The dipole moment was approximately 425 000 NIA. The half-waveform was 16.7 ms.
A towed cesium and high resolution magnetometer was used to measure the Earth's magnetic field intensity. Data positioning and navigation were assured by a Novatel WAA GPS with accuracy less then 3 m.
A Terra TRA radar altimeter was used to measure the terrain clearance. The helicopter was flying at a constant speed of 80 km/h and was keeping a constant ground clearance of 90 m when the terrain allowed it. The traverse lines direction was NE 70° and the tie lines direction was NW 20°. The distance between the traverse lines and the tie lines was 200 m and 2000 m, respectively. A more detailed description of the survey parameters is provided in the logistics/processing report.

3. *GEOLOGICAL CONSIDERATIONS*

3.1 Topography

The terrain is very rugged with alternating high mountains, valleys and lakes. The absolute altitudes are ranging from 980 m to 1650 m approximately. Due to the terrain roughness, it was difficult to keep a constant ground clearance while surveying this area.

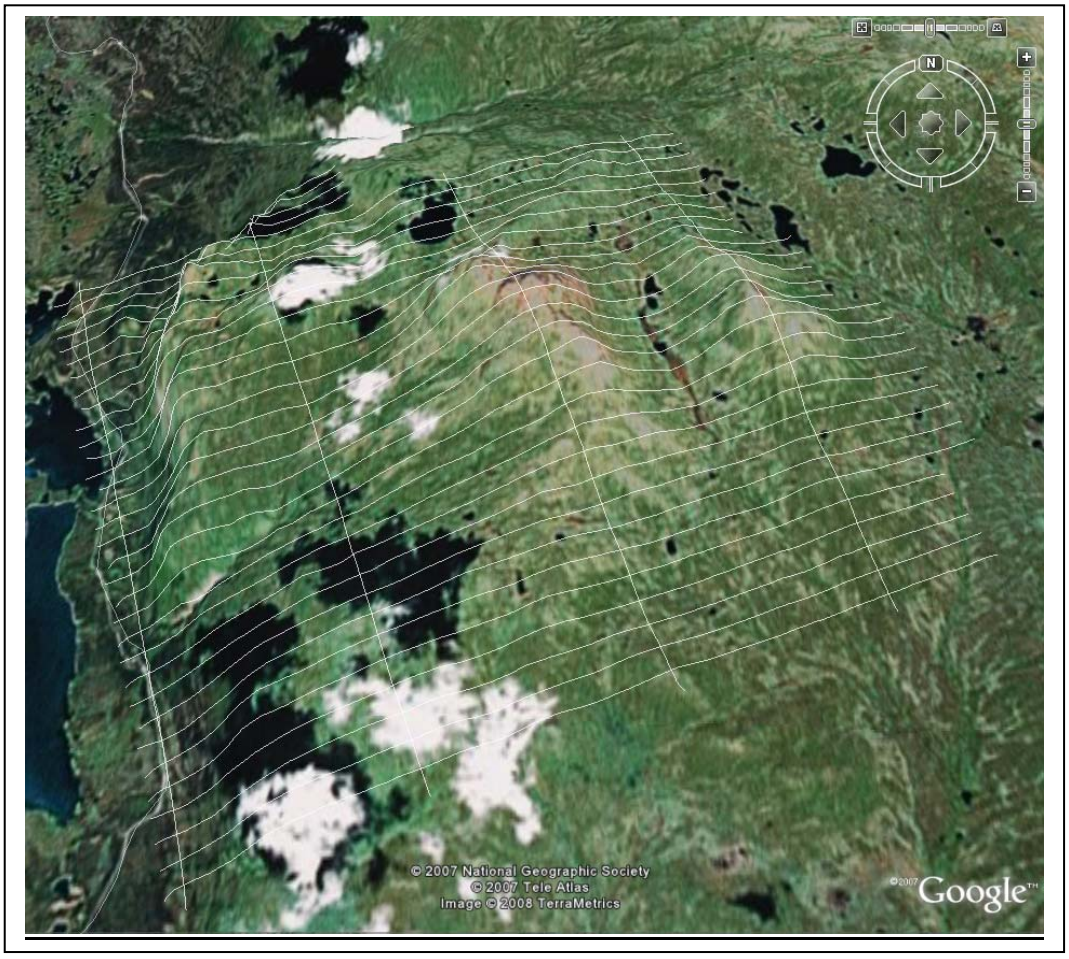


Fig.2 Topographical relief of the Hopper Property with the flight path.

3.2 Regional geological context

The Yukon Territory is situated in the northern part of the large geologic (and physiographic) belt known as the Cordillera. It is composed of relatively young mountain belts that range from Alaska to Mexico. The Yukon Territory is composed of a diverse type of rocks recording more than a billion years of geological history. Most of them have been affected by folding, faulting, metamorphism and uplift during various tectono-metamorphic events over at least the last 190 million years. This deformation has resulted in a complex arrangement of rock units and the mountainous terrain that has shaped today's geology. Geologically, Yukon is divided into two main components which are largely separated by the Tintina Trench. Formations northeast of the Tintina Fault consist of a thick, older sequence of sedimentary rocks which was deposited upon a stable geological basement. Rocks southwest of the Tintina Trench are composed of a younger, complex mosaic of igneous and metamorphic, representing numerous accreted terranes (Fig. 3).

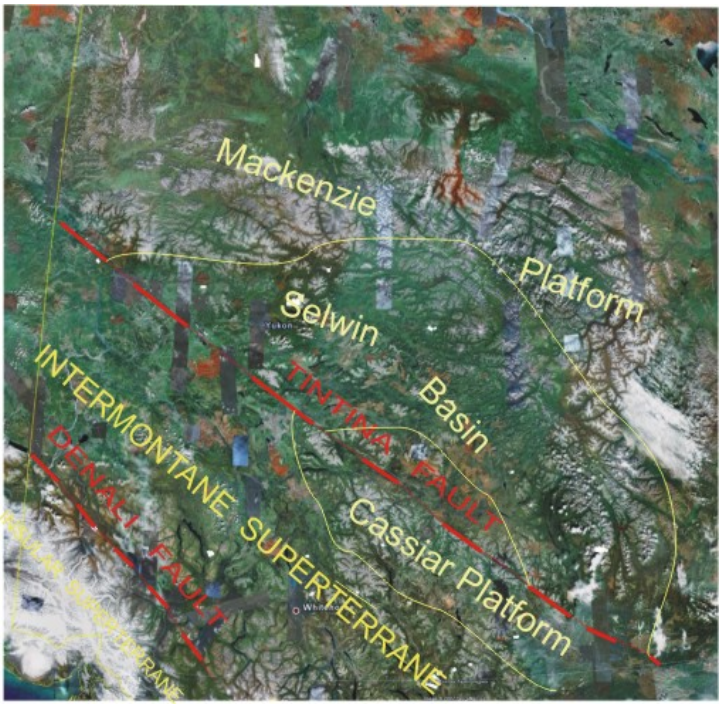


Fig.3. The major tectonic elements of Yukon superimposed on the satellite image. The figure indicates that the territory is composed of two dominant rock packages separated by the Tintina Fault: thick packages of sediments (northeast) and accreted Terranes (Southwest).

3.3 Geological context of the Hopper Property

The geological mapping conducted recently in the vicinity of the Hopper property identified two intrusive units and four metamorphic units that collectively comprise the Aishihik Metamorphic Suite (AMS). The intrusive units consist of north trending, feldspar porphyry rocks. The metamorphic units include essentially, quartzite, marble, metabasite and felsic meta-igneous rocks (Fig. 4)

3.4 Mineralization

The type of mineralization observed at the Hopper property is disseminated sulphide within the intrusive rocks. Surface samples from the western part of the stock often exhibit chalcopyrite, pyrite, pyrrhotite, magnetite and molybdenite, which occur as fine interstitial disseminations and clots. Minor fracture hosted mineralization is also present consisting of chalcopyrite within hairline to one centimetre fractures that are often healed with clear to white quartz. Hydrothermal alteration along vein selvages is minimal. Intense surface oxidation and leaching commonly seen in some porphyry systems elsewhere in Yukon is not evident at the Hopper property.

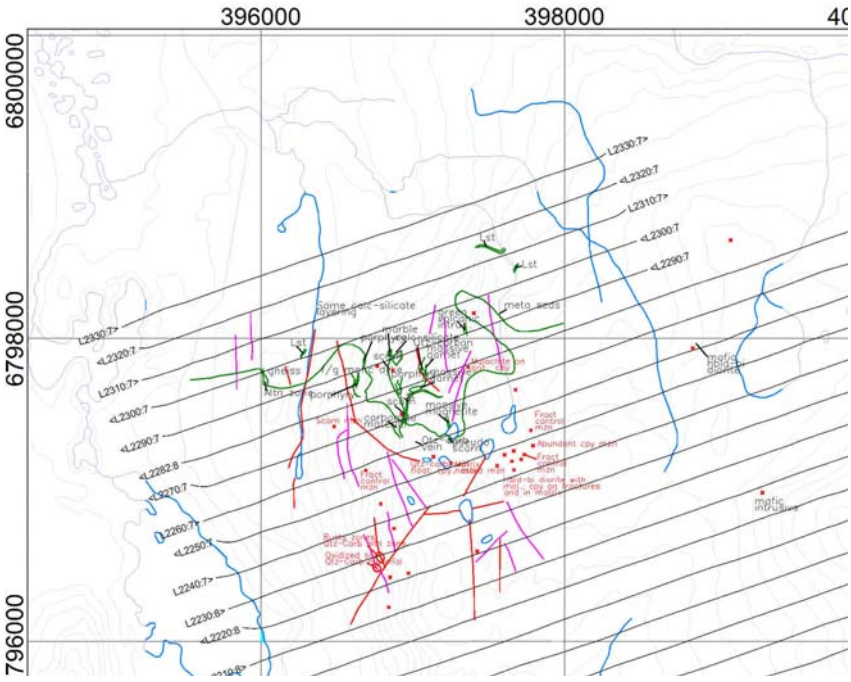


Fig. 4 Geological schema showing the disseminated mineralization occurrences of the north-western portion of the Property.

4. INTERPRETATION OF THE MAGNETIC DATA

4.1 Introduction

Aeromagnetic surveys are routinely used as a powerful tool at different stages in mining exploration and in geological mapping. Because geological formations have different concentrations of magnetic minerals, they exhibit different magnetic signatures in the magnetic field, depending on the susceptibility contrast of rocks and the characteristics of the magnetic field. Thus, observed magnetic field over an area, can provide useful information that can assist the lithological and the structural mapping. It can be used to detect iron-rich mineral deposits, and/or mineral deposits associated with highly magnetic rocks (mafic and ultramafic formations).

4.2 Analysis of the Magnetic data

The observed magnetic field over the Hopper Property is shown in Fig.4. The total magnetic field values are ranging from 56600 to 61600 approximately, yielding an amplitude difference of 5000 nT. The TMI map shows a high magnetic activity consisting of strong circular anomalies aligned in the WNW direction. The anomalies are caused by mafic or ultramafic intrusive bodies and correspond to the topographic highs of this area (Figs.5a-b). The geological map indicates a diorite outcrop in the central anomalous area. Elsewhere the magnetic field behavior is relatively quiet, except for the north-western part of the map, where low amplitude linear banded anomalies trending roughly in the NS direction are observed. Furthermore, the TMI map depicts several low amplitude and short wavelength lineaments in the southern region and trending in two different directions (NW and NE). The nature of the observed lineaments is supposed to be associated with faults and fractures affecting this area.

Since the contents of the observed magnetic maps include the response of shallow and deep magnetic sources, it is difficult to analyze the maps containing various wavelength anomalies. Distinguishing shallow features from deeper ones can be performed via several methods of field separation and filtering.

Figure 6 shows the reduced to the pole magnetic field map, upward continued to 200m. The map shows smoother anomalies. We can also notice that the short wavelength anomalies have vanished. The map clearly shows a WNW trend of the magnetic patterns.

Figure 7 illustrates the vertical gradient of the TMI. The map shows the enhancement of magnetic signals caused by shallow sources and related to contacts and faults. The outlines of the circular magnetic structures are well defined by strong signals. The response of the short wavelength lineaments located in the southern part is clearly amplified in the gradient map. Hence, the gradient

map is very useful for helping to understand the structural geology of the area. The tilt derivative map illustrated in Fig. 8 yields another example of focusing short wavelength signals generated by shallow sources. The tilt derivative known as being the local phase is computed from the vertical and horizontal gradients. A better delineation of the magnetic intrusions and location of the faults is provided by the tilt derivative map.

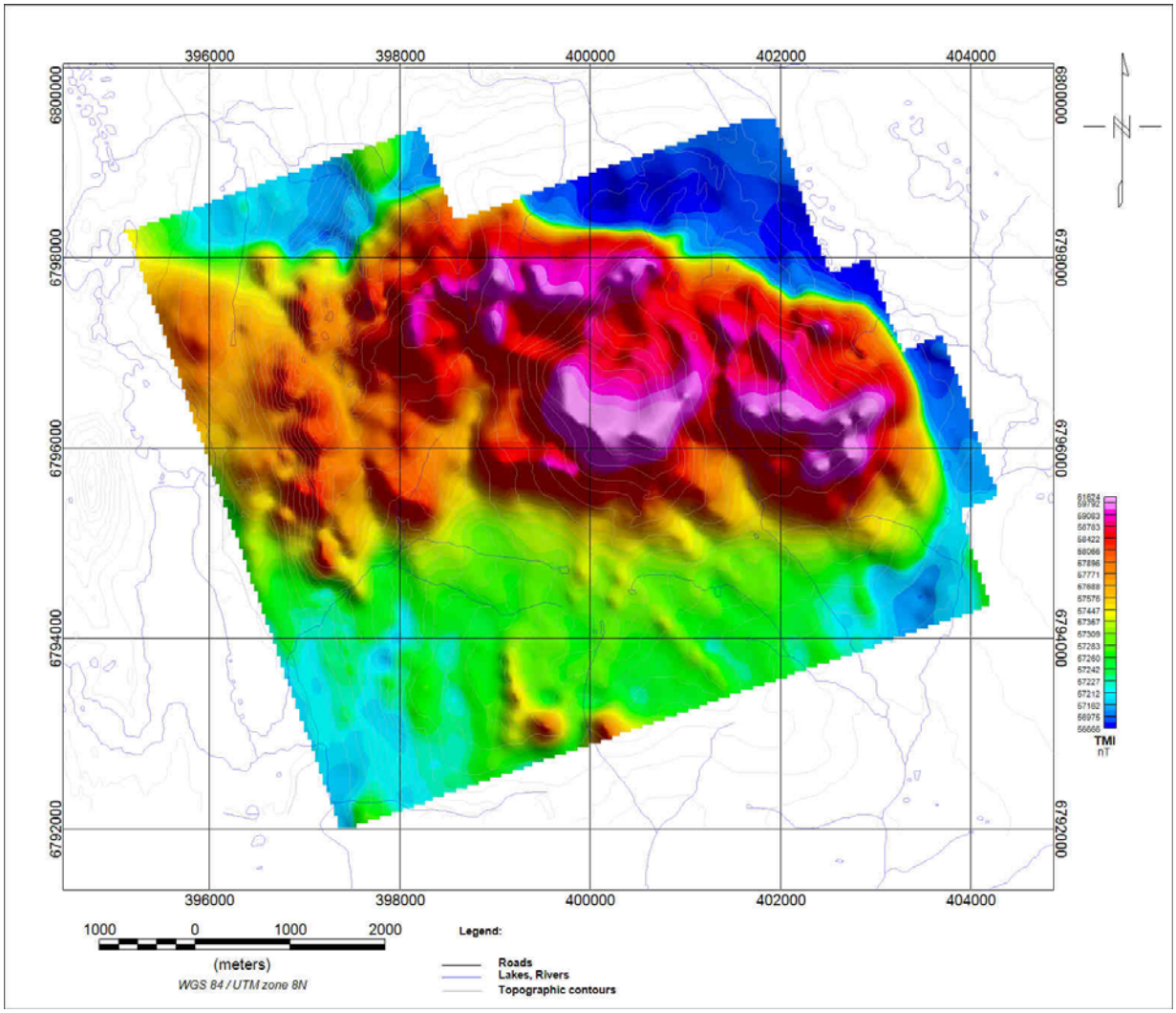


Fig. 4 TMI image of the Hopper Property. The strong circular anomalies are related to mafic intrusions.

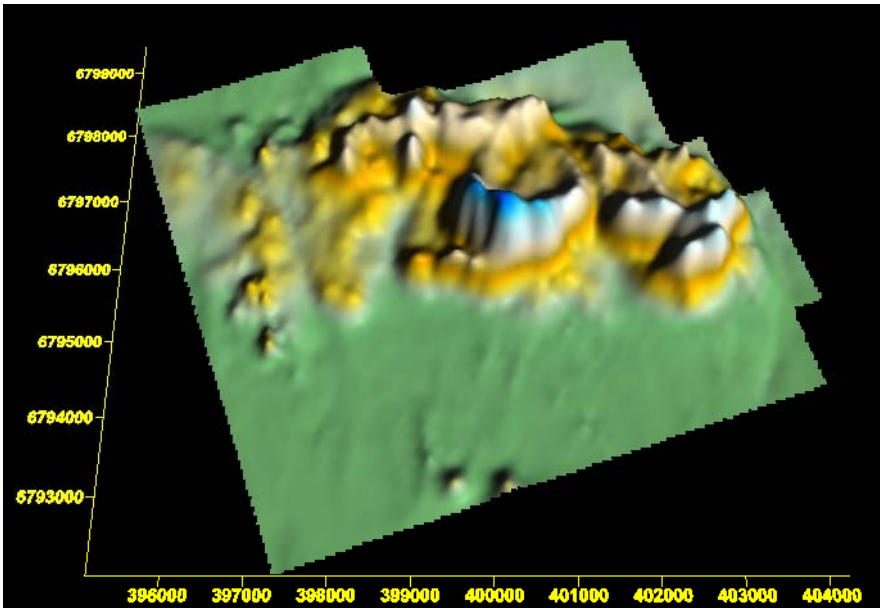


Fig. 5a Perspective view of the TMI relief of the Hopper Property.

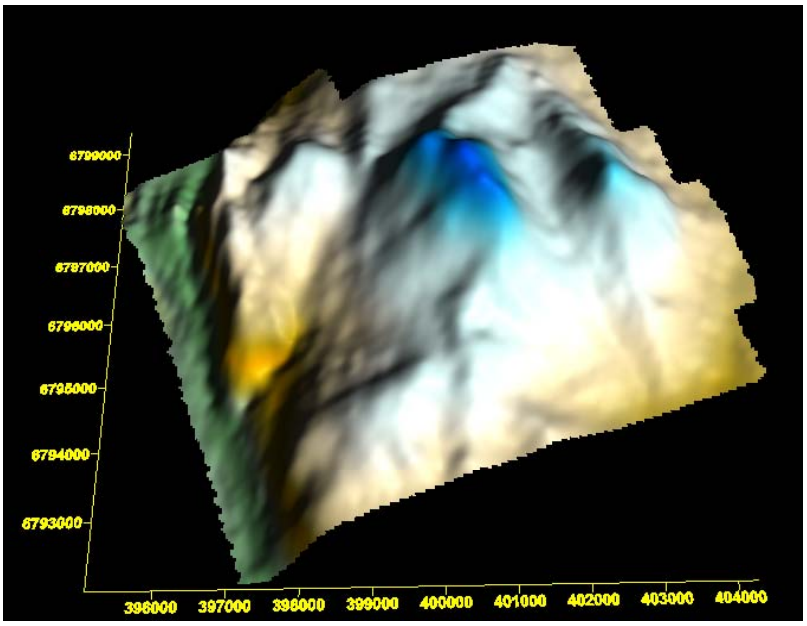


Fig. 5b Perspective view of the topographic relief (DEM) of the Hopper Property.

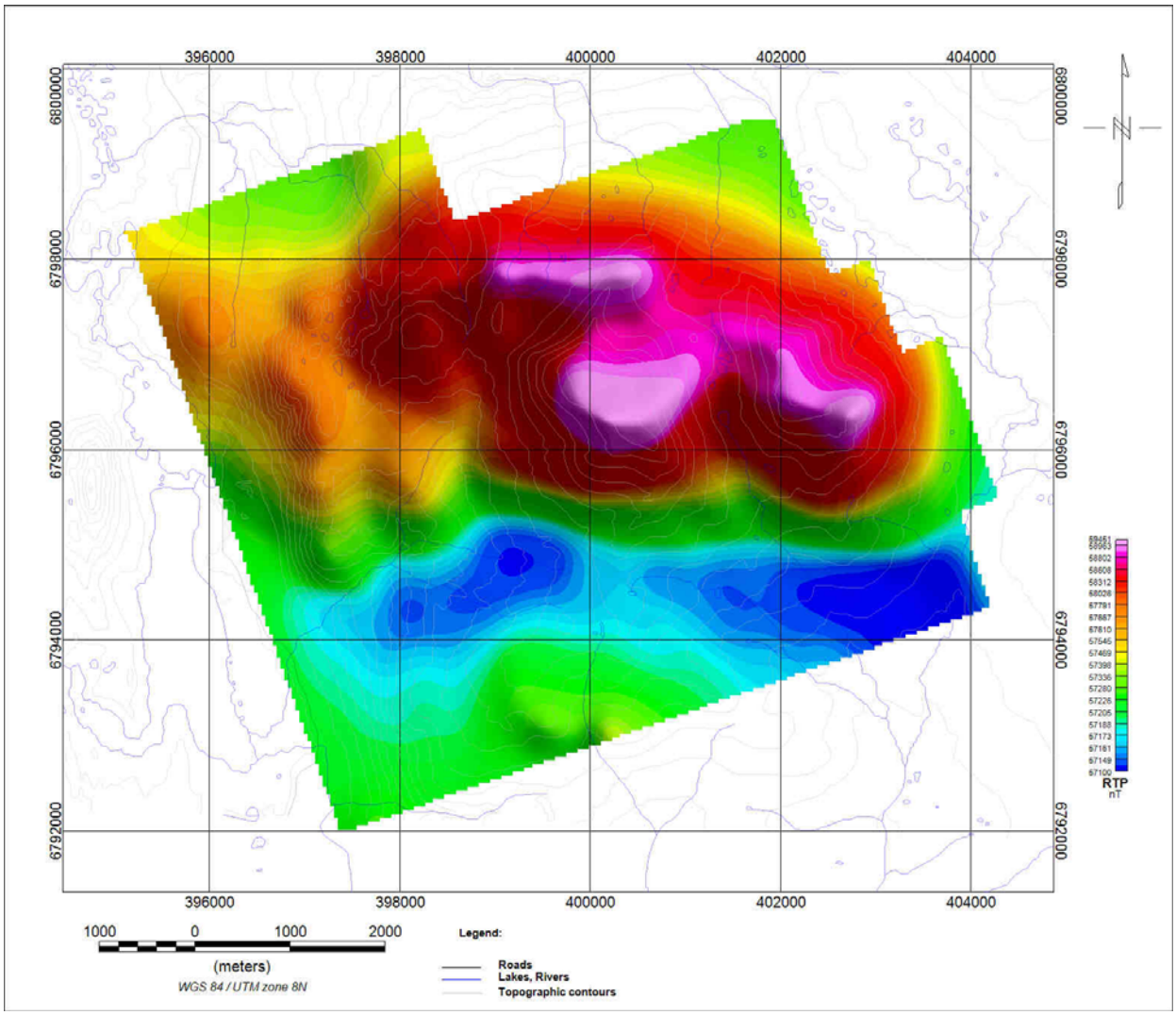


Fig.6 Color shaded relief of reduced to the pole TMI and upward continued (200m).

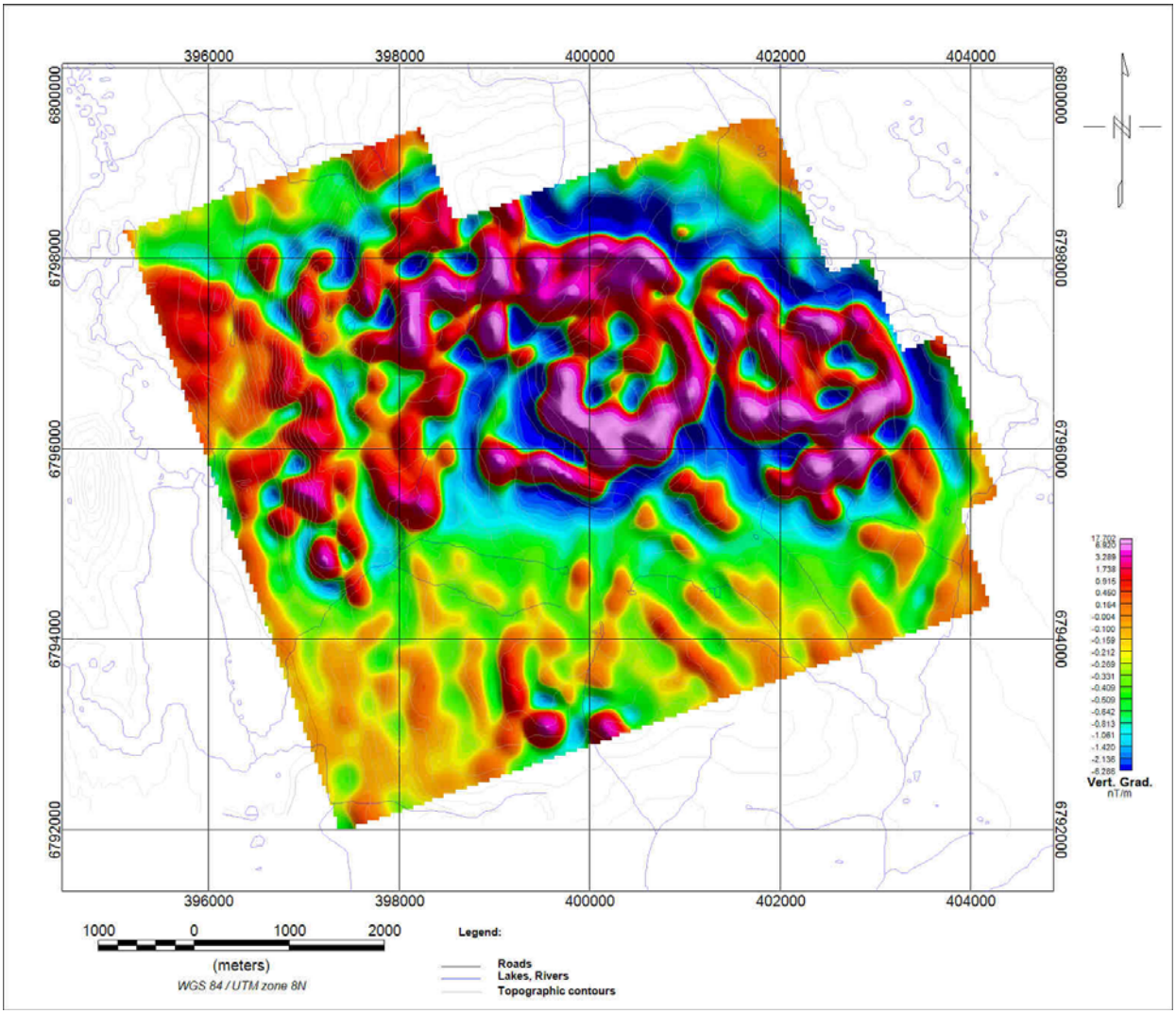


Fig.7 Color shaded relief of the vertical gradient of the magnetic field.

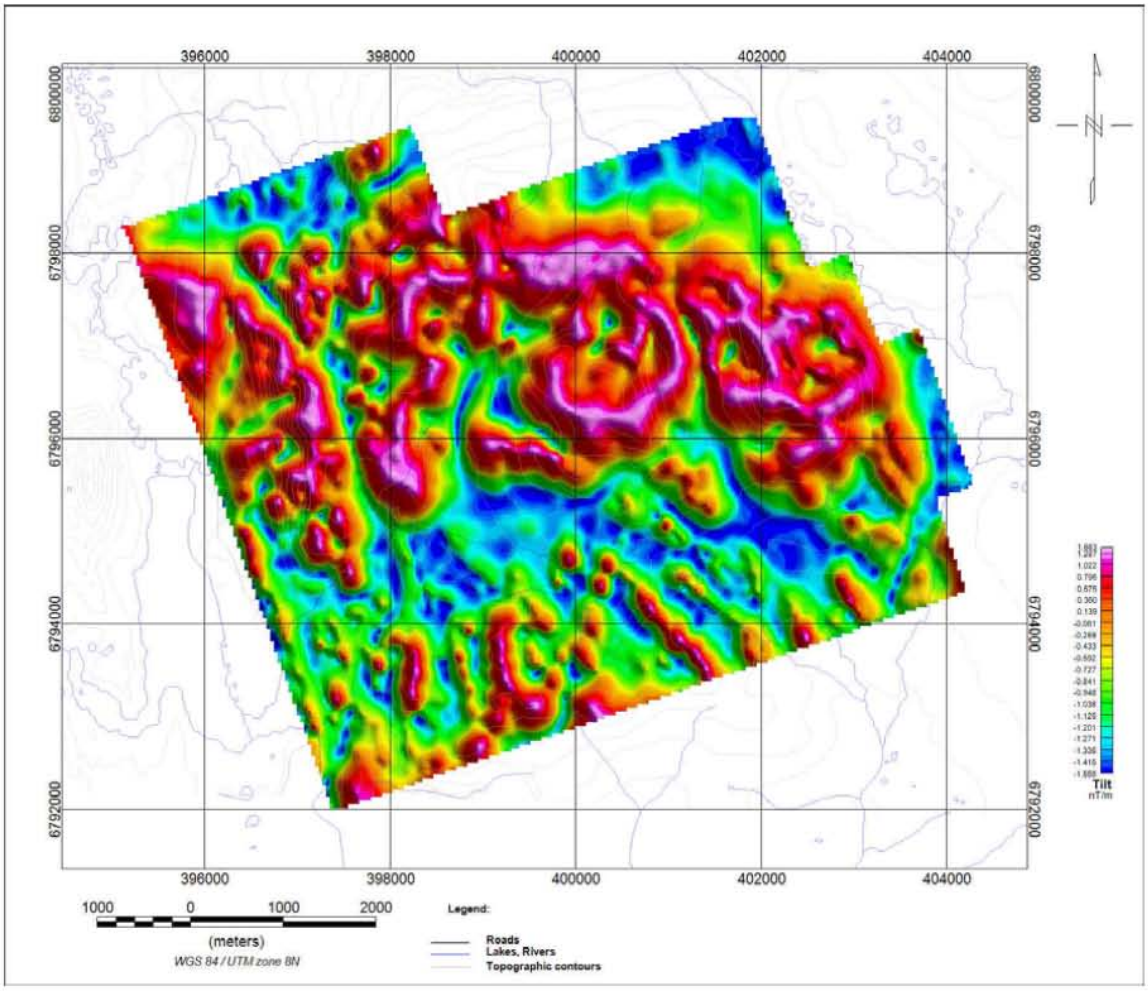


Fig. 8 Color shaded relief of the tilt derivative.

4.3 Inversion of the magnetic data

Several computer-based techniques can be used to automatically detect magnetic sources and yield estimations of their geometrical and physical parameters. These techniques can be either used to gridded data (3D methods) or to profiles (2D methods). Euler deconvolution is a well established technique, allowing a rapid interpretation of a large amount of magnetic data. This method is mainly aimed to delineate magnetic sources boundaries and to estimate their depths.

Fig. 9 shows the results obtained with the Euler deconvolution inversion using a structural index of 1, a depth tolerance of 10% and a square deconvolution window with a size of 400 × 400 metres. Euler solutions have been plotted on the total gradient (analytic signal) map for a better illustration. The picks of the total gradient are also used to located and delineate the magnetic sources boundaries.
Euler solutions are used efficiently to provide depths and location of the magnetic contacts and structures. The obtained solutions are mostly related to shallow sources the top of which is located between the depths of 50m and 100m. The shallowest sources are located in the western and southern parts of the map and they correspond to surfacial faults and fractures. The mid depth solutions (between 100 m and 200m are encountered in the central area. They form large circles located on the picks of the analytic signal and correspond to the outlines of the mafic / ultramafic intrusions. Results obtained with the Euler deconvolution confirm the qualitative analysis of the reduced maps and can be very useful for the structural understanding and analysis of the area.

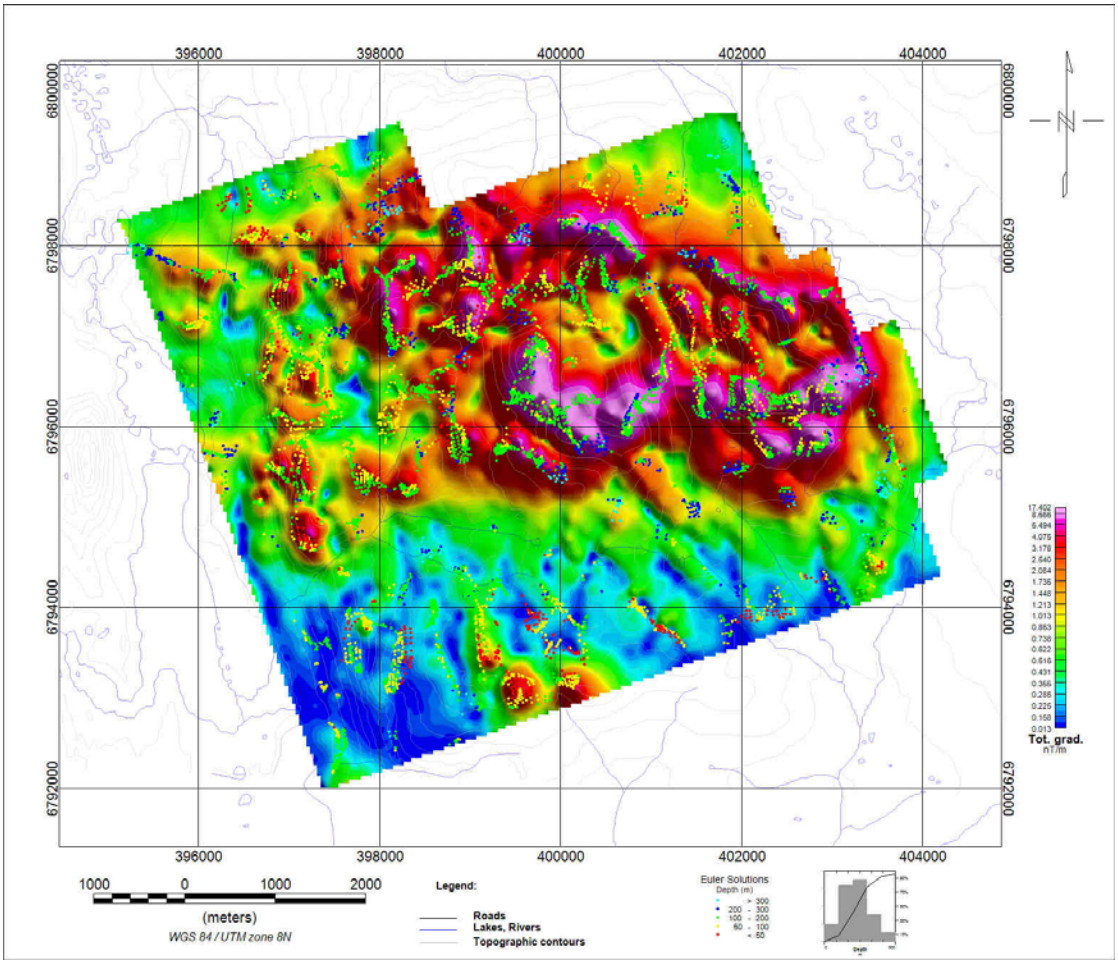


Fig. 9 Euler deconvolution solutions plotted on the total gradient image.

5. INTERPRETATION of VTEM DATA

5.1 Introduction

Transient electromagnetic surveys have proven to be a very efficient tool in mineral exploration by detecting hidden deposits characterized by higher conductivities than the medium in which they are embedded. Because Time domain systems have a much greater depth penetration compared to the Frequency domain systems, these systems are considered as a tool of choice in the mining exploration. The Geotech Helicopter VTEM system, operating in the Time domain, uses concentric-loop geometry with the receiver mounted in the centre of a larger transmitter loop. Both loops are oriented in the vertical plane. This configuration has a number of advantages, as a maximum coupling, sharper anomalies by comparison to airborne fixed wing systems, and the shape of the anomalies in independent of the flight path orientation. Furthermore, the high moment transmitter combined with the lower terrain clearance yields stronger secondary field signals in most conductors when compared to other systems. The actual VTEM systems measure both the electromagnetic induction field B and its time derivative dB/dt. This system specificity has a lot of advantages, as the dB/dt better resolves the shallow conductive sources while the B-field exhibits a better resolution for deep conductors.

5.2 VTEM anomalies shape

For concentric-loop geometry systems when both loops are oriented in the Z-axis (VTEM system) thick dipping or horizontal conductors exhibit a characteristic single peak, while steeply dipping and thin conductors manifest a double peak. The minimum indicates the location of the top of the thin conductor, and the major peak indicates the side towards which the conductor is dipping. Synthetic models anomalies were generated for the plate type conductors are provided in the Appendix A to better understand the shape of the VTEM anomalies

5.3 Analysis of the EM results

Figures 14 and 15 show the stacked profiles in pseudo-logarithmic scale of the dB/dt and B-field channels, respectively. Several anomalies have been detected and can be regrouped into 3 anomalous zones (A, B and C). The comparison of the dB/dt and B-field maps shows that the latter provides a better response to deep conductors expressed by the amplification of late time decays. Zone A, located in the western part of the area contains a series of relatively strong anomalies trending in the NS direction. The observed anomalies in this zone are symmetric and single pick type (Fig. 10 and 11). They indicate steeply dipping conductive bedrock. On the other hand, no anomalies have been detected in the north-western part of the area where disseminated sulfide mineralization was previously identified during the exploration campaign.

The interpretation of the EM profiles was performed using in-house built software for automatically picking the anomalies along the profiles and yielding estimates of the conductance and the decay constant (tau) of isolated anomalies. The picked EM anomalies were posted on the late time EM channel. Figures 16 and 17 illustrate the results of the picked anomalies superimposed on the dB/dt, and B-field late time channel (6.578 ms after the current shut off), respectively.
The picked anomalies are concentrated mainly in the south-western portion of the map forming several conductive axes trending in the NS direction roughly. The most significant anomalies are observed in Zone A. The estimated conductance values are ranging between 5 and 15 S. The obtained decay constants are ranging between 2.5 and 6 ms, indicating the existence of good conductive bedrock. The estimated conductance values for the Zone B, do not exceed 5 S. Also, the calculated taus are not significant. They are oscillating between 2 and 3ms, except for the anomalies observed in the southern part of the zone where they exceed 5 ms, indicating the response of good conductive bedrock. Only one and not significant anomaly was detected in the north-western part of the area, where the disseminated mineralization was previously identified.

The interpretation map (Fig. 19) shows the results of the magnetic and electromagnetic analysis superimposed on the total gradient image. The magnetic interpretation allowed us to detect and to delineate the mafic intrusions. Several faults trending in the NW and NE directions were inferred from the analysis of magnetic data. The map clearly indicates that the mapped conductive bedrock (zone A) is correlated with deep magnetic sources. The interpretation suggests the existence of a NS trending fault controlling the conductive zone A.

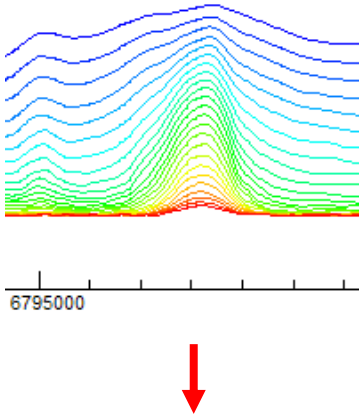


Fig. 10 EM decays over for the western portion of the line 2150 (Zone A) showing the existence of a single pick symmetric anomaly. The red arrow indicates the dipping direction of the conductive source.

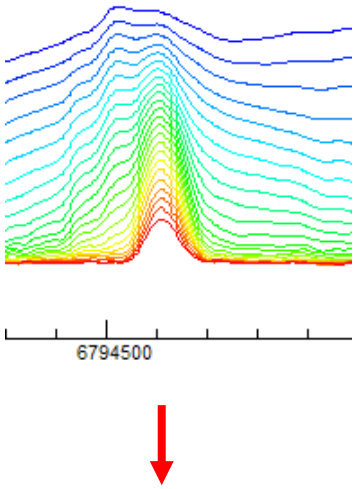


Fig. 11 EM decays for the western portion of the Line 2120 (Zone A) showing a single pick symmetric anomaly related to steeply conductive bedrock.

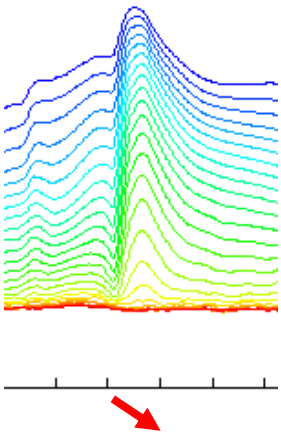


Fig. 12 EM decays for the western portion of the Line 2030 (Zone B) showing the existence of anti-symmetric anomaly, indicating easterly dipping conductor.

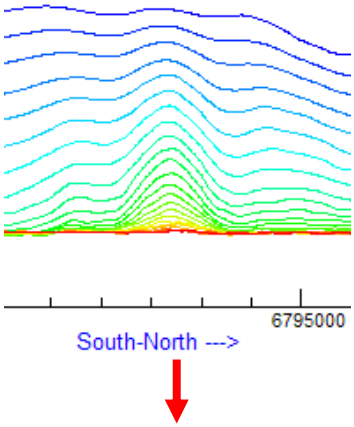


Fig. 13 EM decays for the central portion of the Line 2090 (Zone C) showing the existence of a broad symmetric anomaly associated with a vertical conductive bedrock.

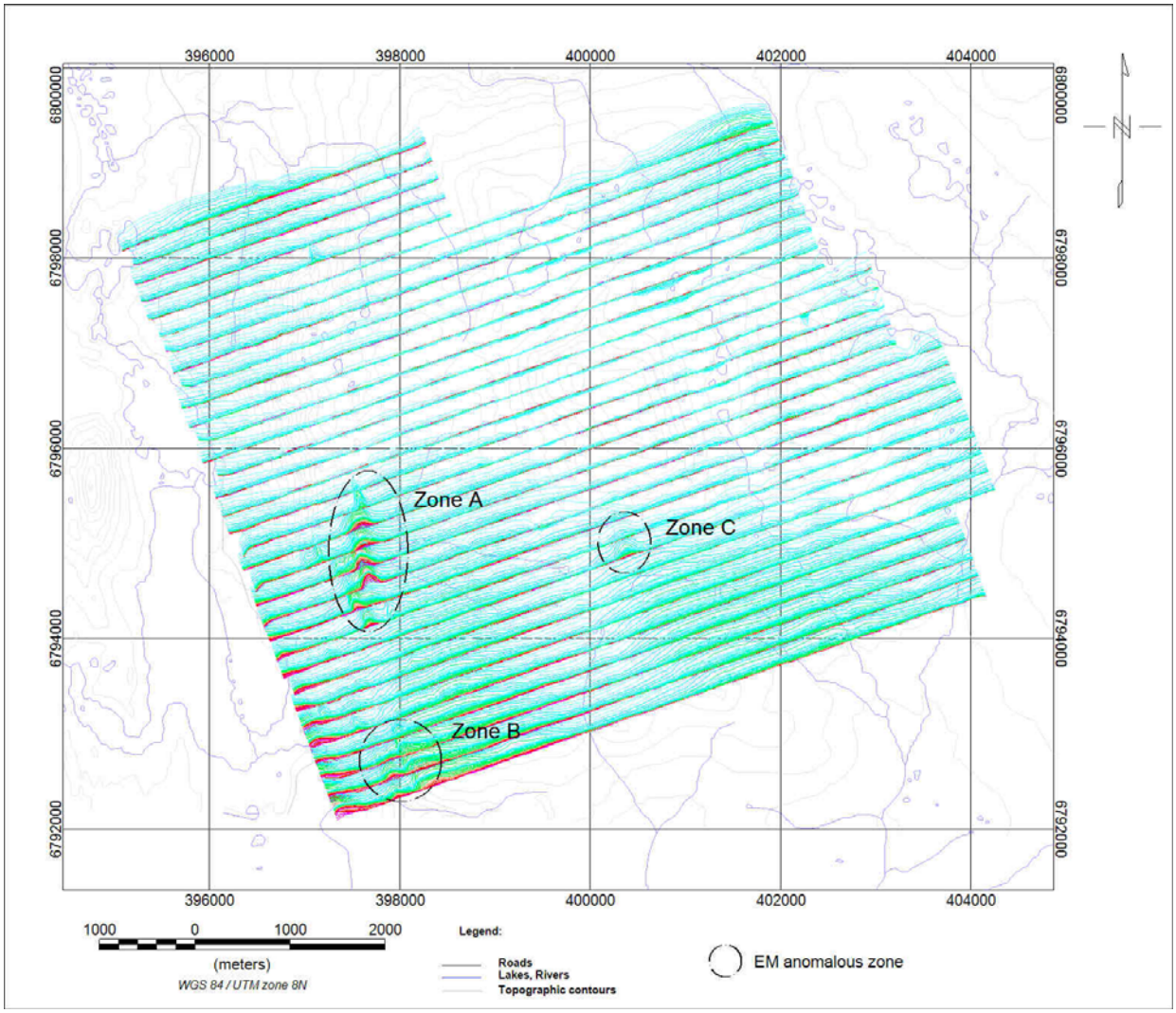


Fig. 14 Stacked EM dB/dt profiles at log-linear scale. Early time decays are in green and late time in red.

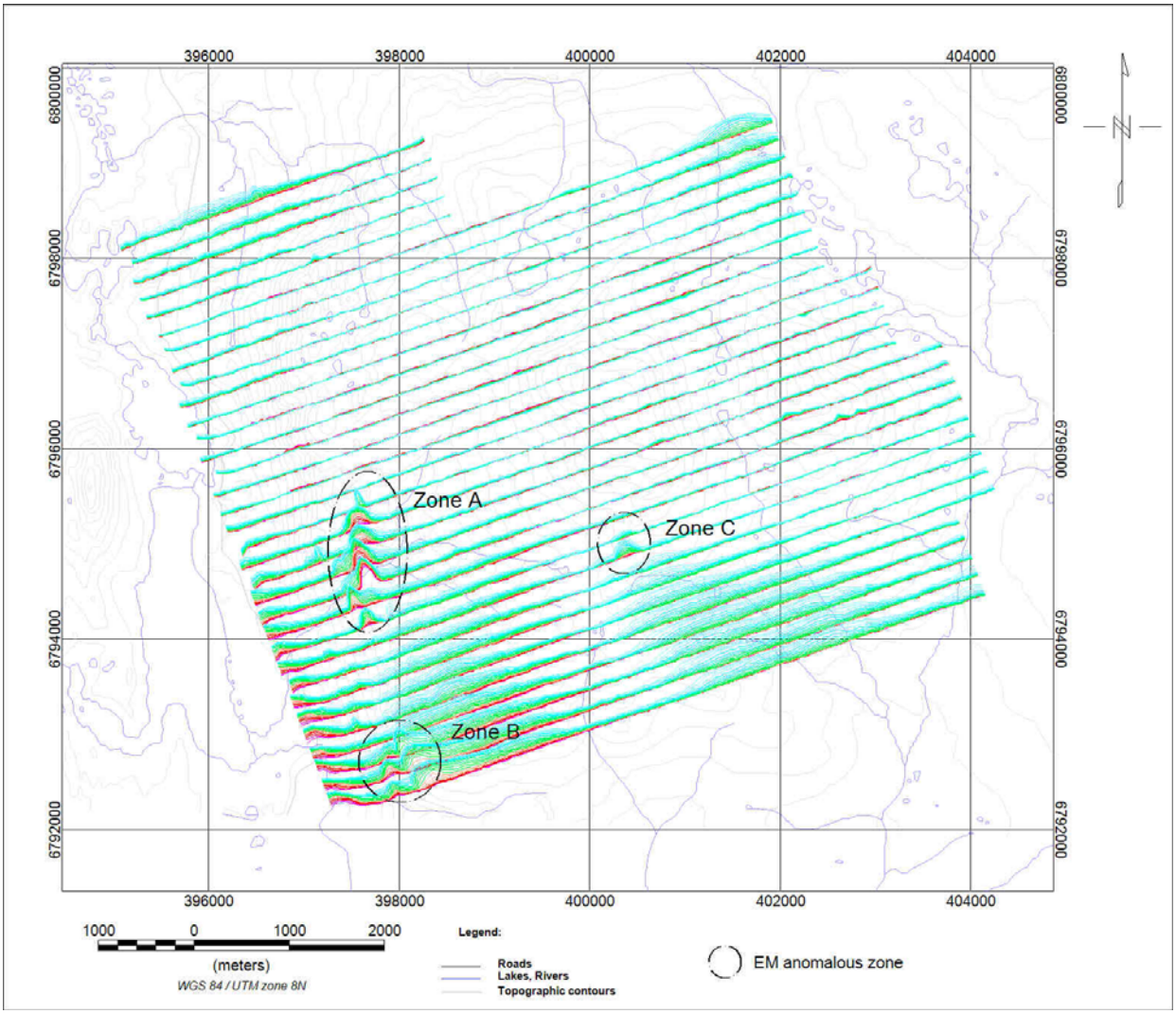


Fig. 15 Stacked EM B-Field profiles at log-linear scale. Early time decays are in green and late time in red.

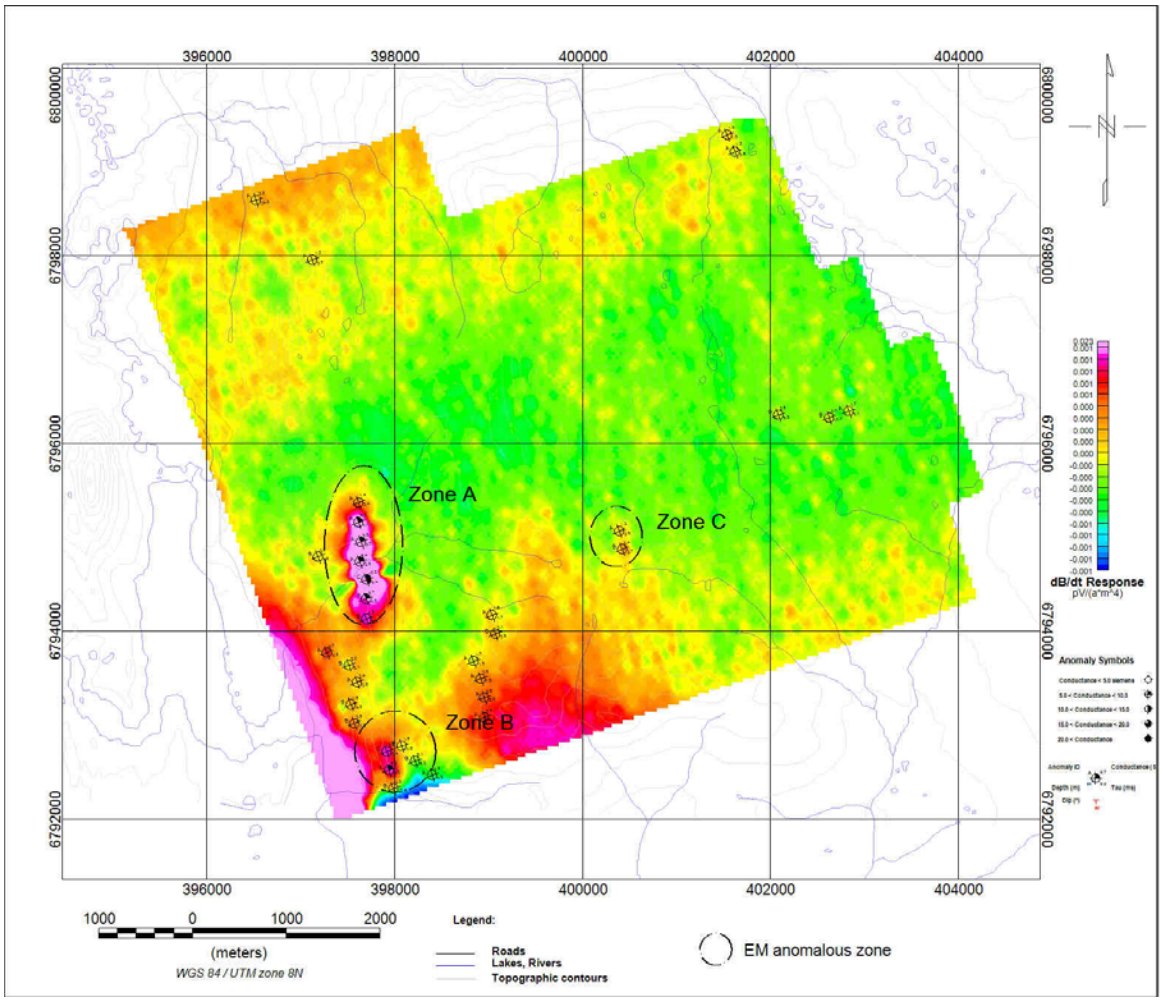


Fig. 16 EM picked anomalies plotted on the late time dB/dt channel image (6.578 ms after current shut off).

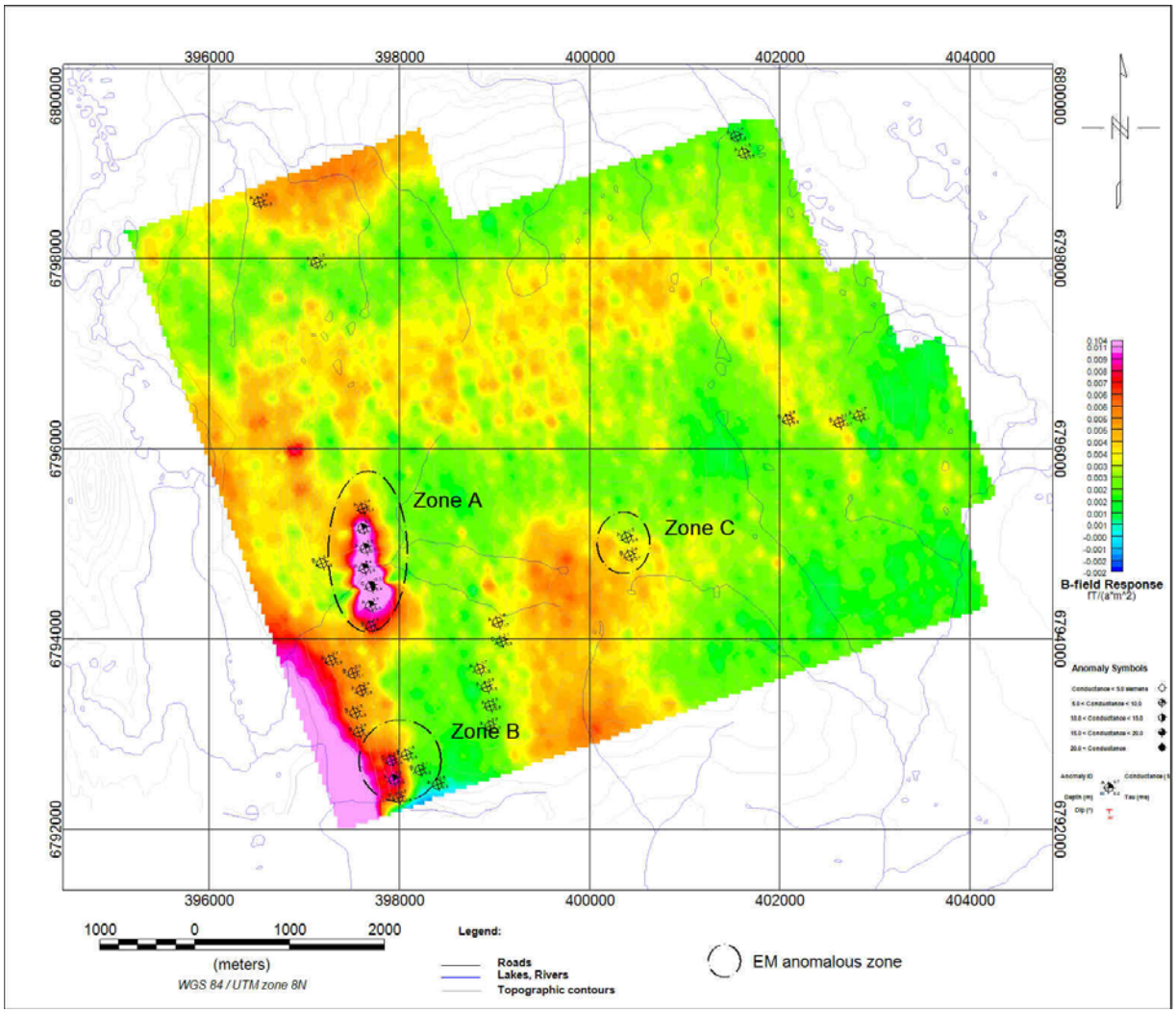


Fig. 17 EM picked anomalies plotted on the late time B-Field channel image (6.578 ms after current shut off).

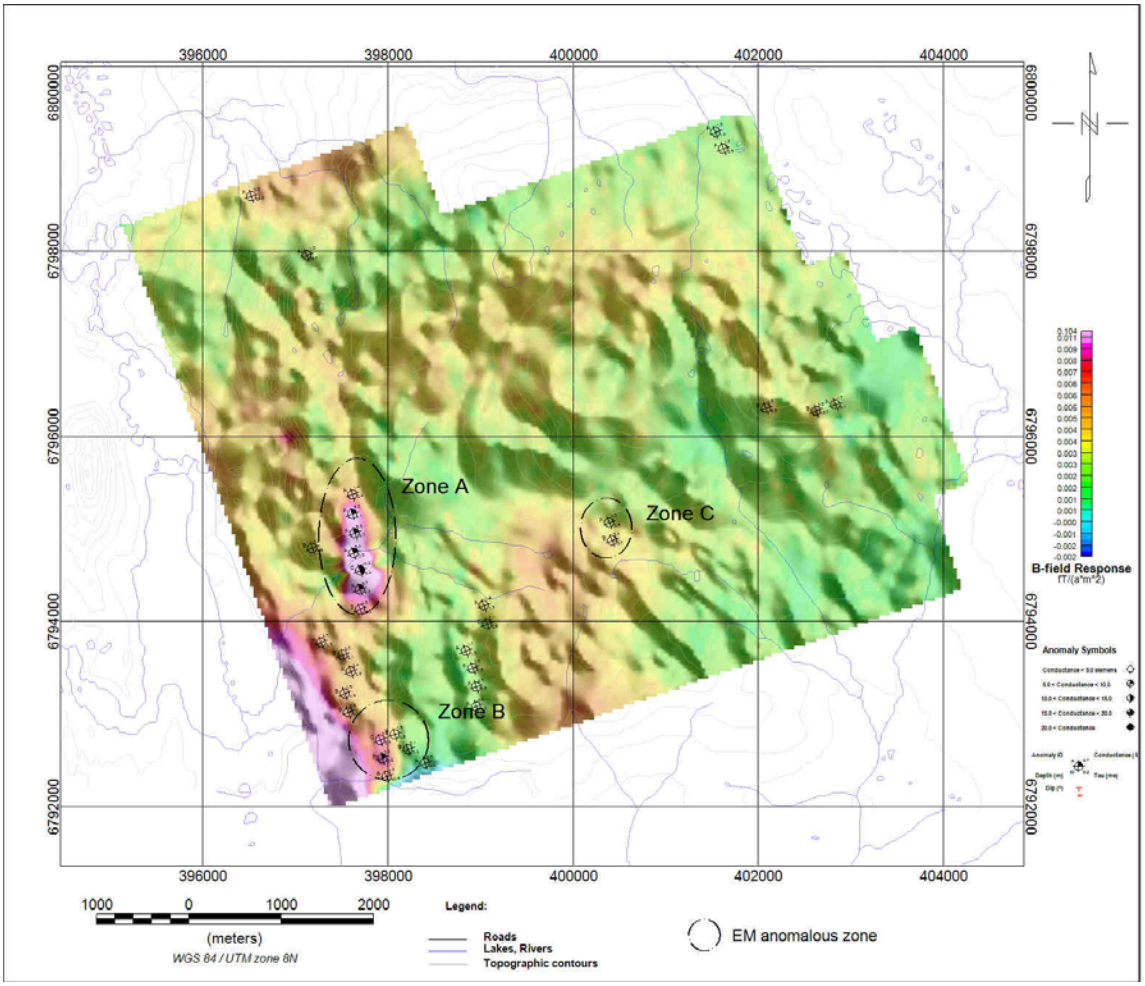


Fig. 18 Late time B-Field channel image superimposed on the shaded relief of the Tilt derivative map.

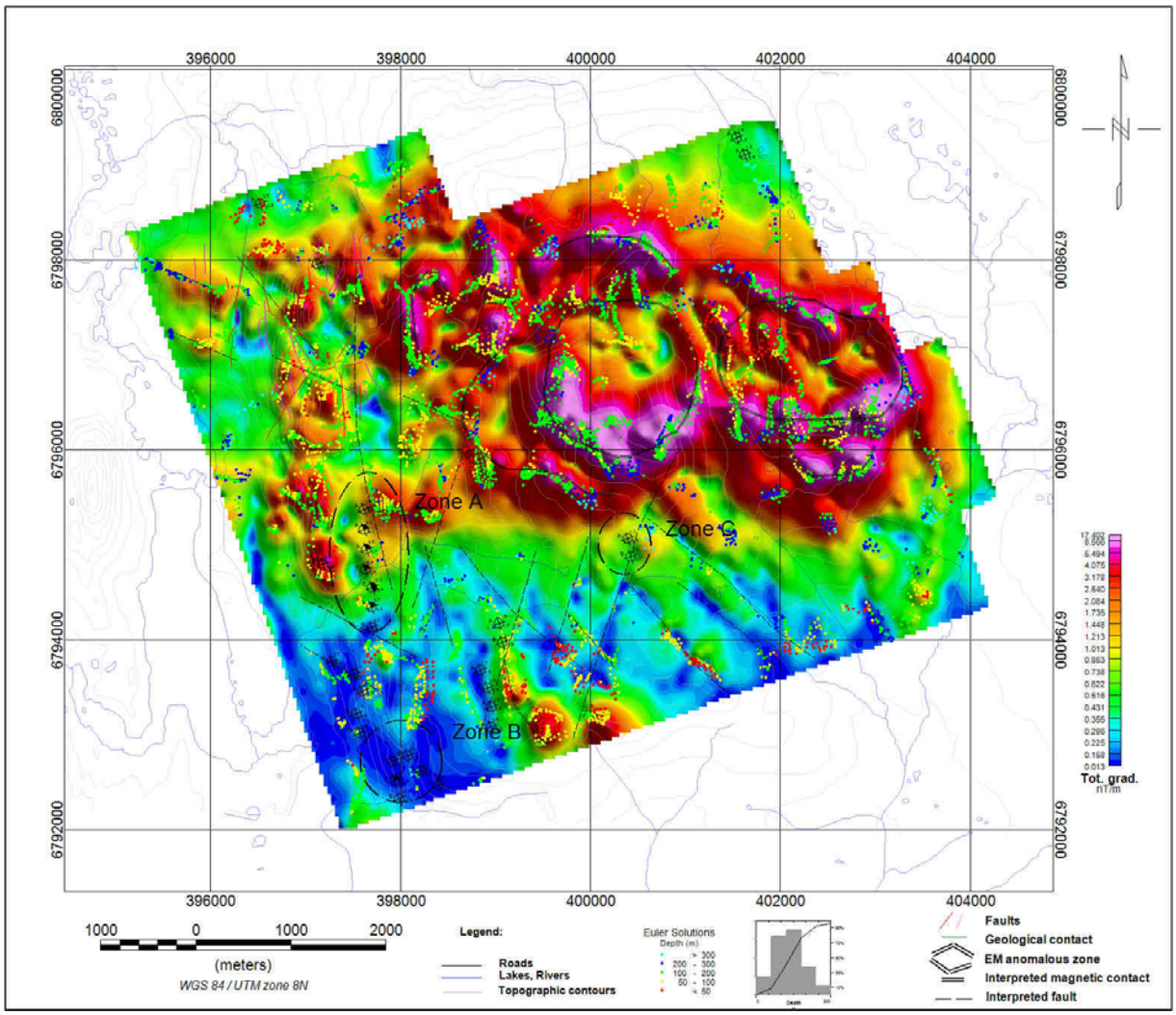


Fig. 19 Interpretation map showing the results of the magnetic and electromagnetic data analysis. The map clearly shows the inferred boundaries of the mafic intrusions.

5.4 Selected Anomalies

Several individual potential anomalies extracted from the described above anomalous zones of interest have been selected for modeling by converting the EM decays into CDIs. The anomalies are located on the following lines: L2150, L2120, L2020, and L2090. The summarized characteristics of the selected anomalies are given in the following table.

Anomalous zone/Line	Anomaly ID	Anomaly Type description	Conductor geometry	X- location m	Y- location m	Conductance S	Dip	Dip Azimut	Tau msec
A/L2150	A	Single symmetric peak	Thin steeply dipping plate	397612	6795162	6.0	Vertical.	NS	4.1
A/L2120	C	Single symmetric peak	Thin steeply dipping plate	397698	6794554	10.2	Vert.	NS	5.4
B/L2020	A	Single symmetric peak	Thin steeply dipping plate	397937	6792524	5.0	Vert.	NW	6.2
B/L2020	B	Single anti-symmetric peak	Thin shallowly dipping plate	398215	6792622	3.1	NE	NW	6.2
C/L2090	B	Single symmetric peak	Thin steeply dipping plate	400420	6794877	2.4	Vert.	NS	2.7

Table 1. Summarized results of the selected anomalies.

5.5 Conductivity Depth Sections

Conductivity depth imaging is considered as one of the important steps in the analysis and interpretation of electromagnetic data. CDI allows providing useful information of the conductivity distribution of the considered cross section. CDI were performed for the selected lines using the EMflow software. As shown in Figs. 20-23, CDI sections were able to map conductive overburden at an approximate depth of 200m in the potential anomalous zones A and B.

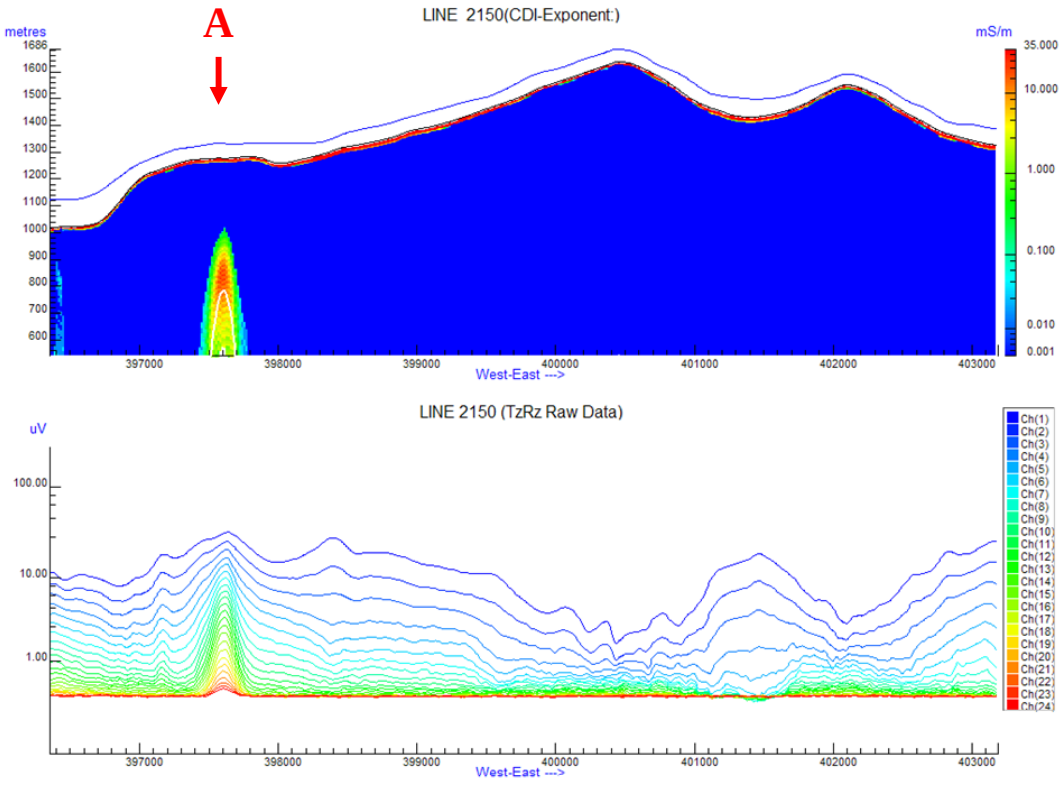


Fig. 21 shows the CDI section for the line L2150. The section allowed mapping conductive steeply dipping bedrock in the western portion of the line. The letter A indicates the location of the picked anomaly.

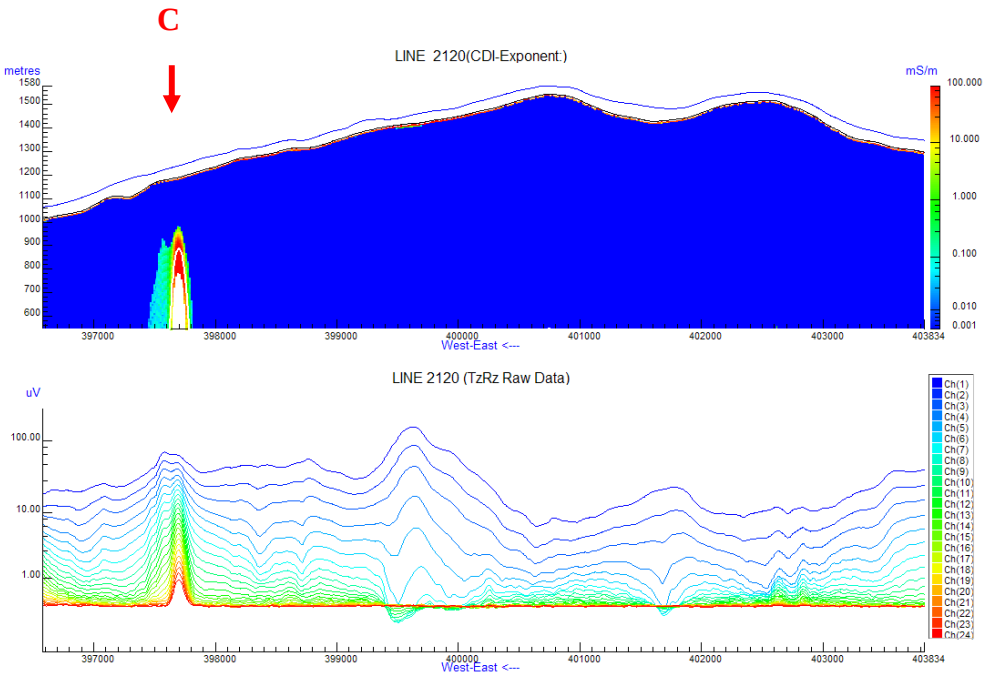


Fig. 22 shows the CDI section for the line L2120. The section indicates the existence of a vertical good conductor at depth <200m in the western part of the line. The letter A indicates the location of the picked anomaly.

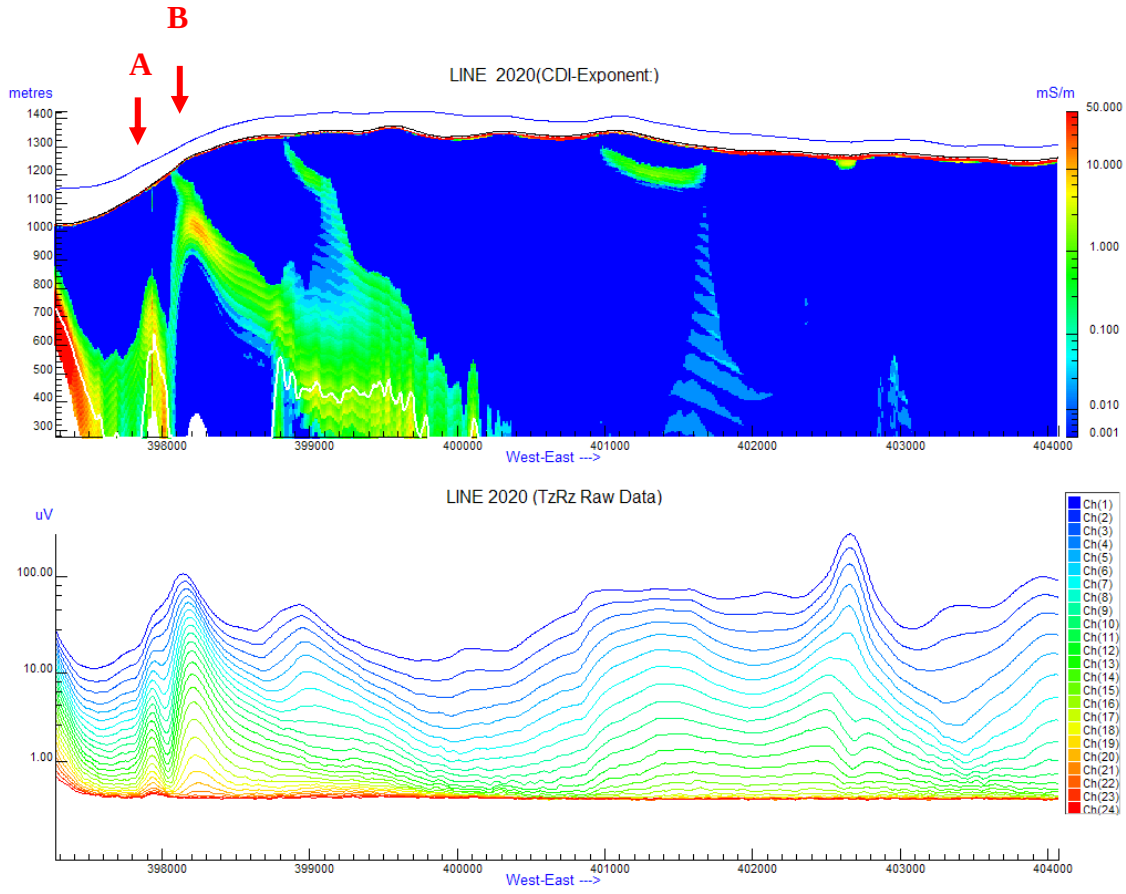


Fig. 23 shows the CDI section for the line L2020. The section highlights the existence of steeply dipping deep good conductive bedrock (A) and easterly dipping shallow conductor (B).

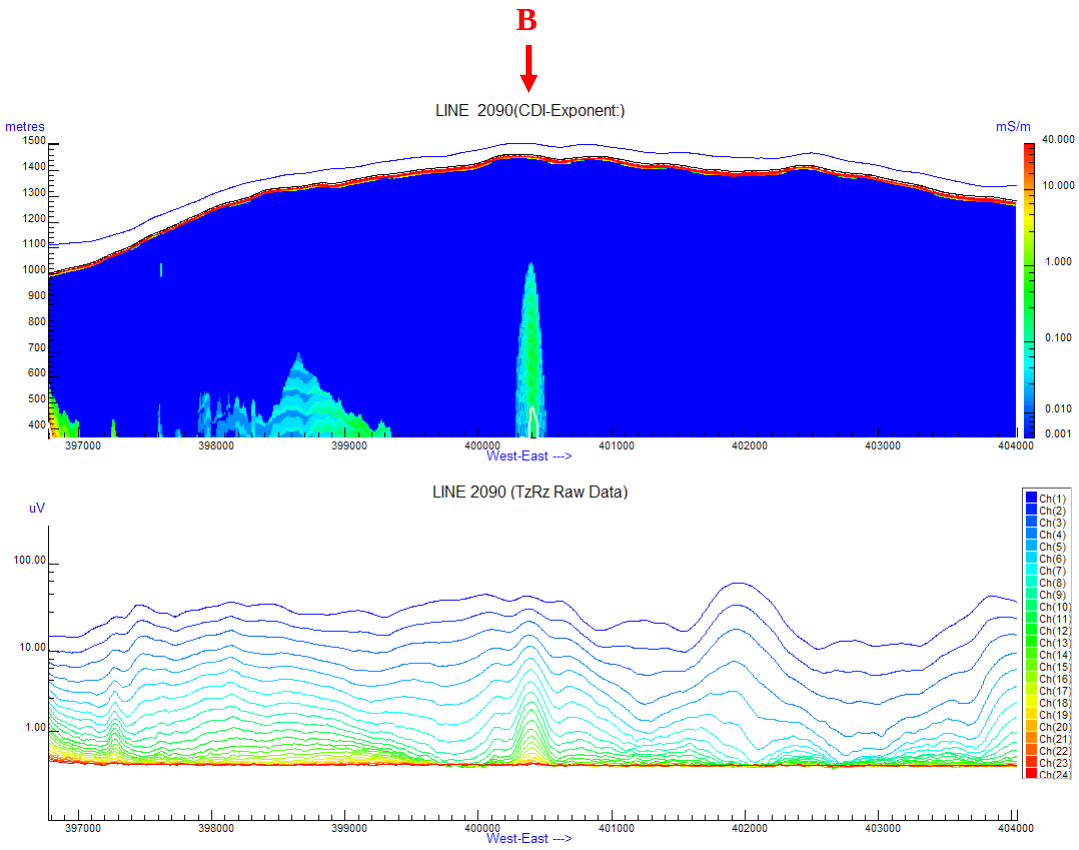


Fig. 23 shows the CDI section for the line L2090. The section highlights the existence of steeply dipping deep and poor conductive bedrock in the center of the line.

6. CONCLUSIONS AND RECOMMANDATIONS

The magnetic survey over the Hopper property has successfully mapped strong and circular anomalies related to mafic / ultramafic intrusions. The reduced maps allowed to determine the accurate outlines of these structures. The depths of the intrusions boundaries were estimated by Euler deconvolution and are ranging between 100m and 200m. Several faults trending in the NW and NE directions were identified in the western and southern parts of the block.
The VTEM survey reveals the existence of 2 potential anomalous zones (A, and B) north-southerly trending and located in the south-western part of the property. The interpretation of the EM data allowed mapping a NS trending steeply dipping good conductive bedrock at relatively shallow depth (2000m) with a possible association with metallic mineralization in the anomalous zone A. The interpretation suggests that this conductive bedrock is controlled by NS trending fault. Another conductor with depth to the top exceeding 200m has been mapped in the south-western corner of the map (Zone B). However, the survey did not reveal any noticeable anomalies in the north-western part of the block, where disseminated mineralization was identified. Only one anomaly (Line 2290) related to poor conductive bedrock was identified in this area excluding the possible existence of conductive massive sulfides.
The recommendation is therefore to conduct some drilling tests on the selected potential anomalies of the Zones A and B located in the south-western portion of the block.

Respectfully submitted,

Dr. Nasreddine Bournas
Geotech Ltd.
January, 2008

7. REFERENCES

1. J. CHEN, A. RAICHE, AND J. MACNAE, 2000, Inversion of airborne EM data using thin-plate models, SEG 2000 expanded abstracts.

2. STOLZ, E.M.G. AND MACNAE, J.C., 1991 Evaluating EM waveforms by singular-value decomposition of exponential functions. Geophysics, 63, 64-74

3. A.B. REID, J.M. ALLSOP, H. GRANSER, A.J. MILLETT AND I.W. SOMERTON, 1990, Magnetic interpretation in three dimensions using Euler deconvolution, , G*eophysics, 55, 80-91*.

4. Yukon Geological Survey, www.geology.gov.yk.ca

APPENDIX A

VTEM ANOMALY MODELING

I. THIN PLATE

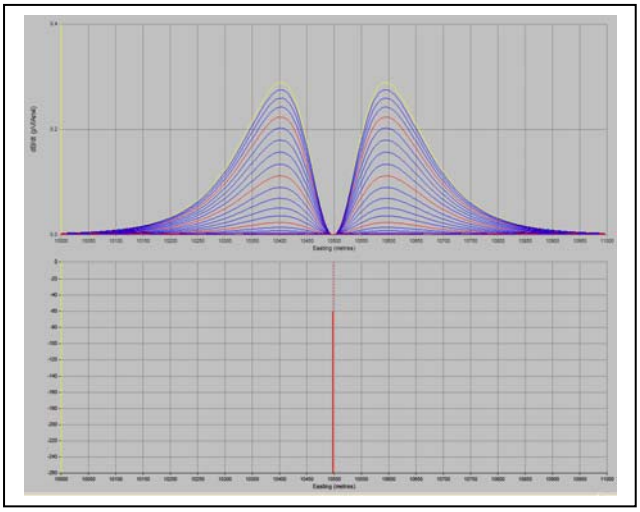


Figure A-1: dB/dt response of a shallow vertical thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

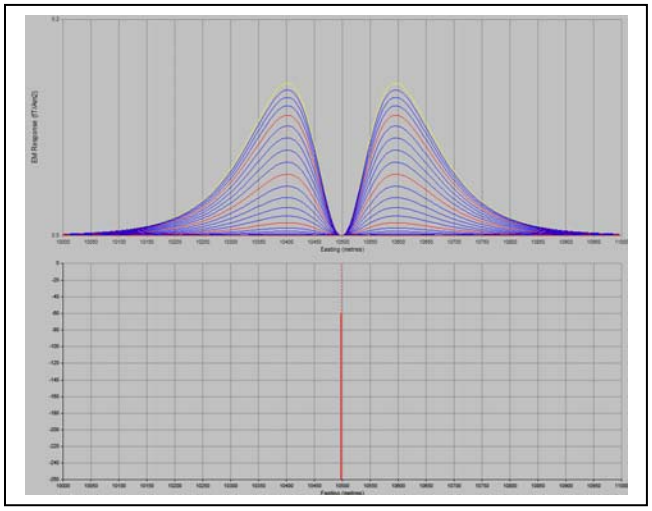


Figure A-2: B-field response of a shallow vertical thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment.

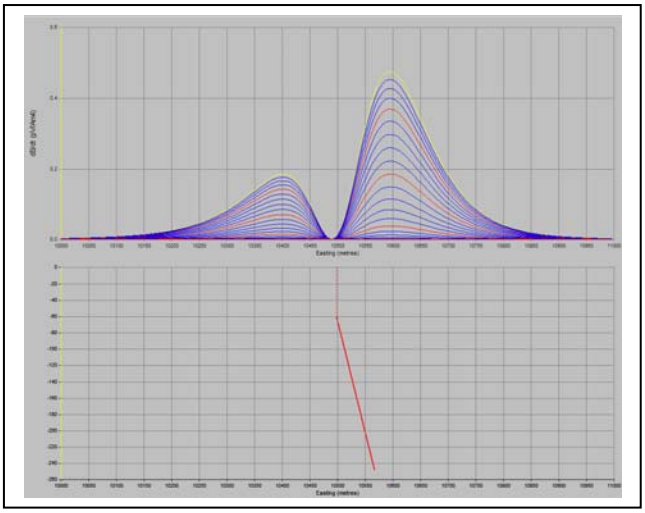


Figure A-3: dB/dt response of a shallow skewed thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

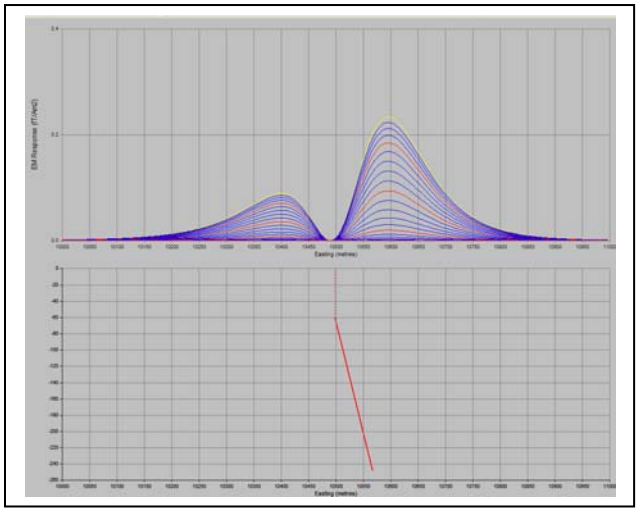


Figure A-4: B-field response of a shallow skewed thin plate. Depth=100 m, CT=20 S.The EM response is normalized by the dipole moment.

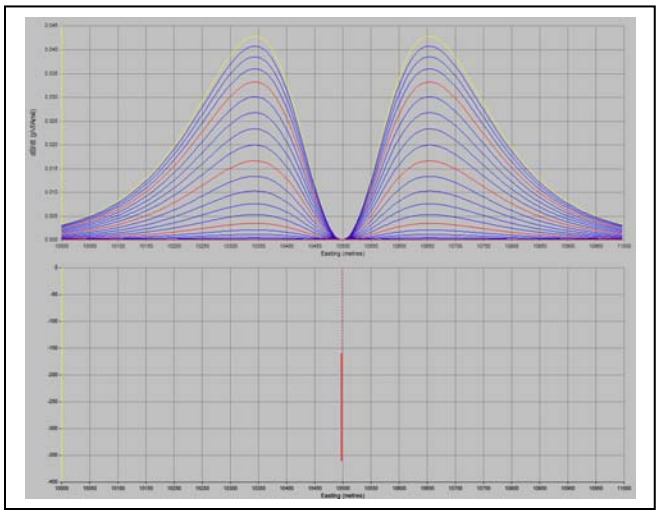


Figure A-5: dB/dt response of a deep vertical thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

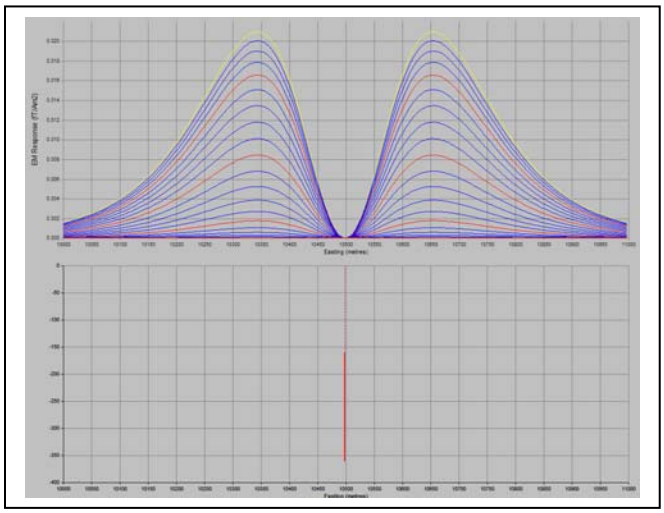


Figure A-6: B-Field response of a deep vertical thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment.

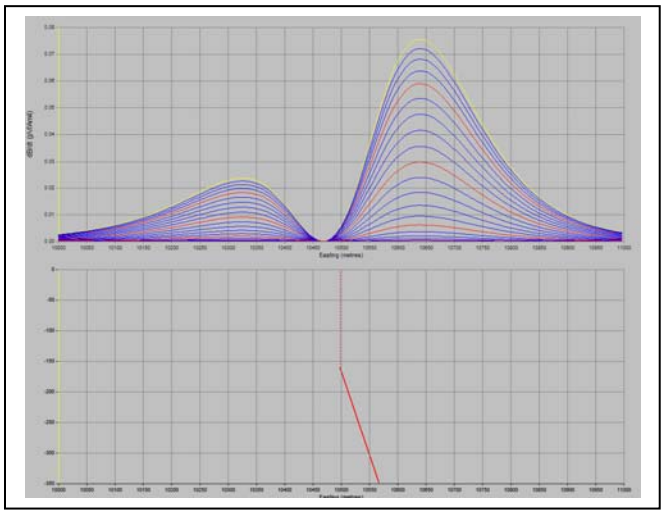


Figure A-7: dB/dt response of a deep skewed thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

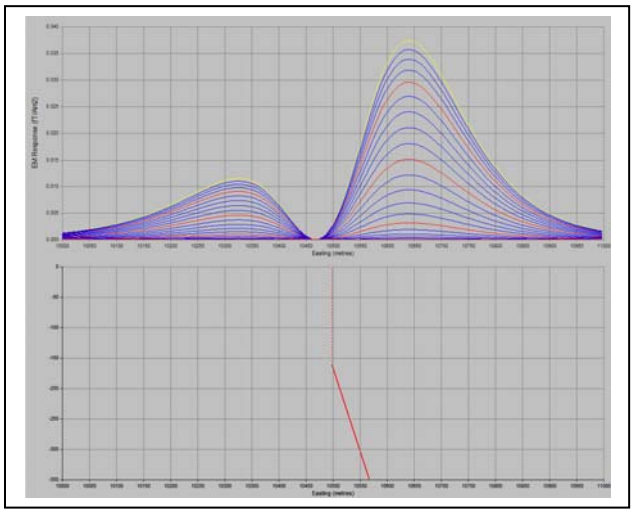


Figure A-8: B-field response of a deep skewed thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment.

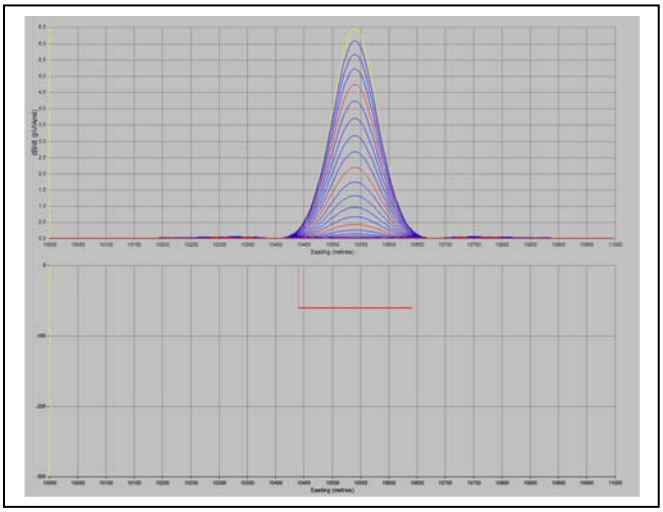


Figure A-9: dB/dt response of a shallow horizontal thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

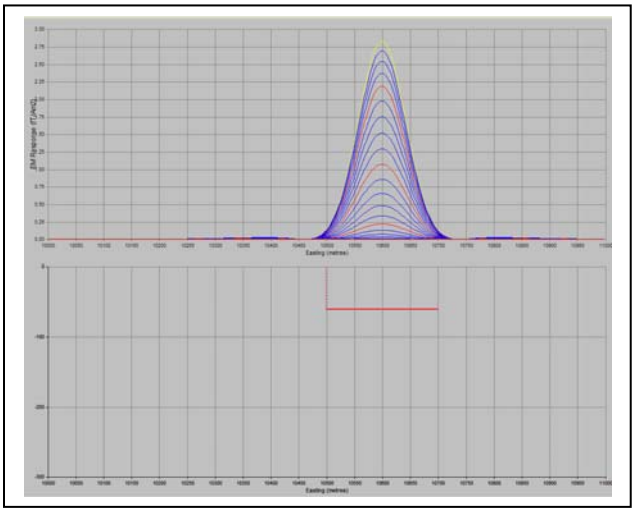


Figure A-10: B-Field response of a shallow horizontal thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment.

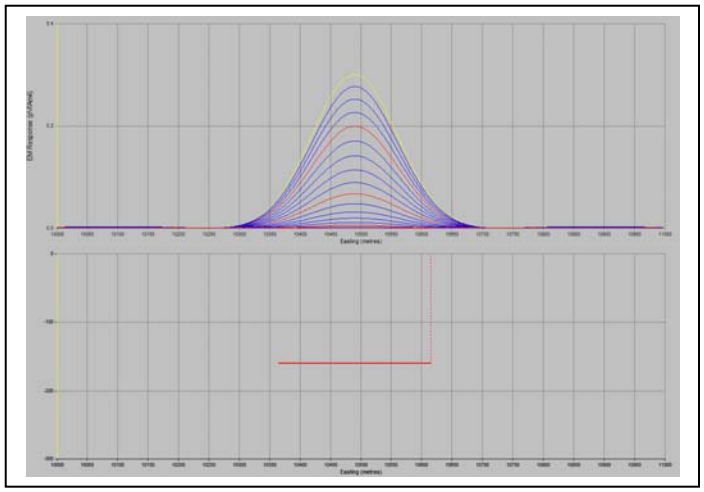


Figure A-11: dB/dt response of a deep horizontal thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

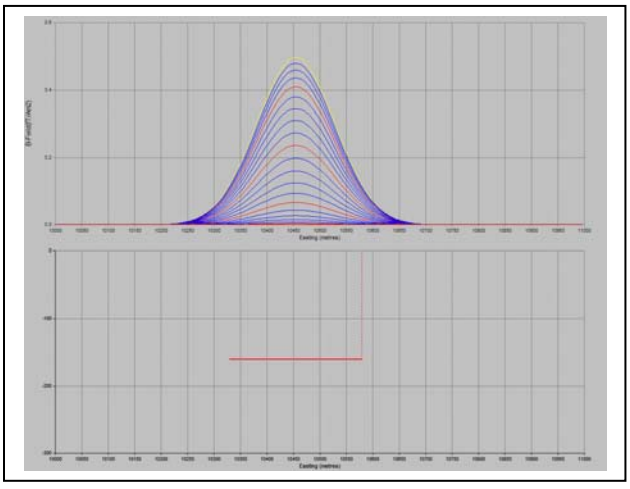


Figure A-12: B-Field response of a deep horizontal thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment.

II. THICK PLATE

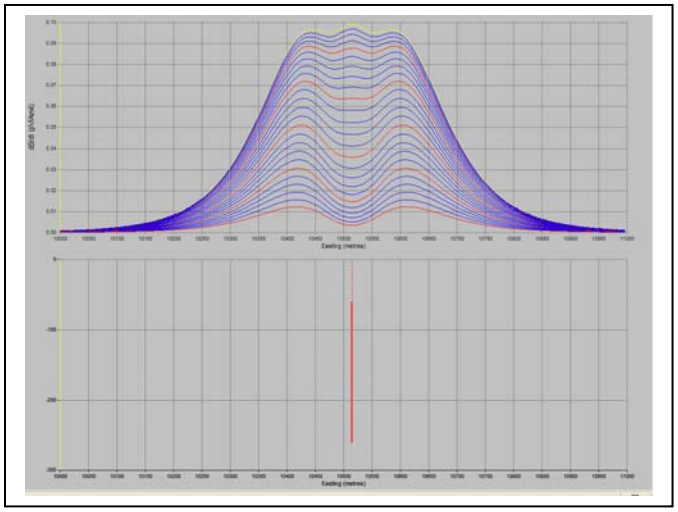


Figure A-13: dB/dt response of a shallow vertical thick plate. Depth=100 m, C=12 S/m, thickness=20 m. The EM response is normalized by the dipole moment and the Rx area.

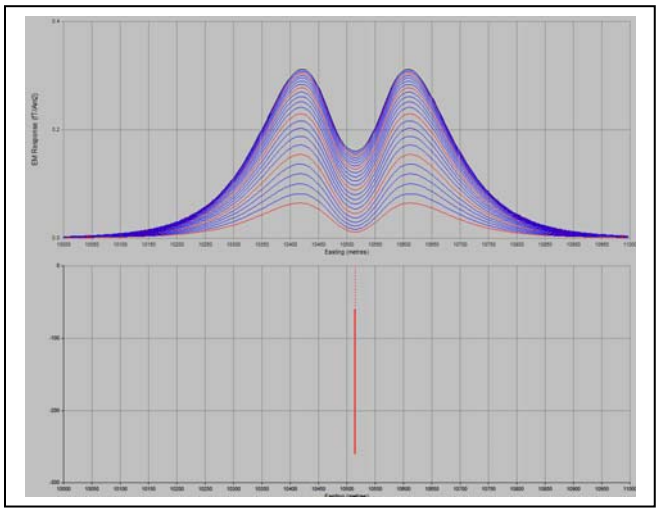


Figure A-14: B-Field response of a shallow vertical thick plate. Depth=100 m, C=12 S/m, thickness= 20 m. The EM response is normalized by the dipole moment.

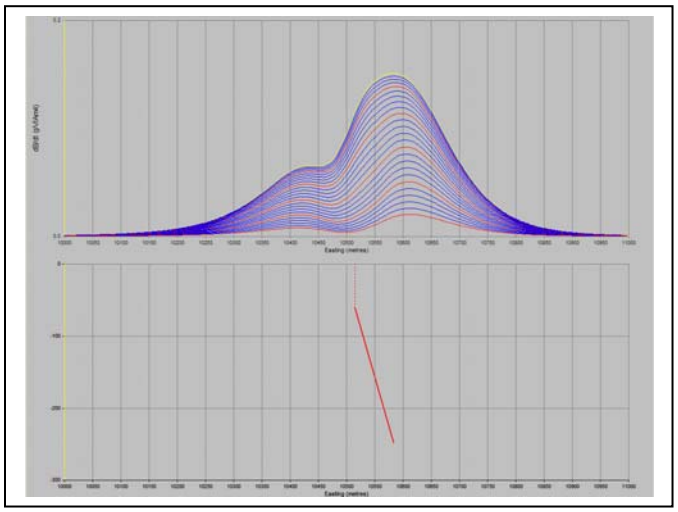


Figure A-15: dB/dt response of a shallow skewed thick plate. Depth=100 m, C=12 S/m, thickness=20 m. The EM response is normalized by the dipole moment and the Rx area.

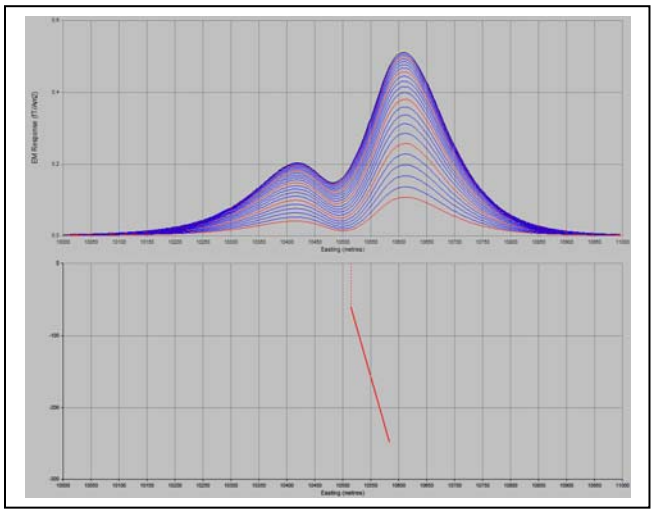


Figure A-16: B-Field response of a shallow skewed thick plate. Depth=100 m, C=12 S/m, thickness=20 m. The EM response is normalized by the dipole moment.

III. MULTIPLE THIN PLATES

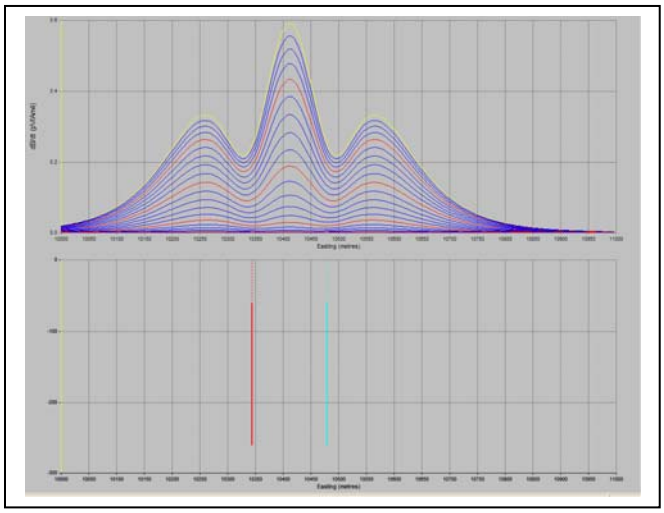


Figure A-17: dB/dt response of two vertical thin plates. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

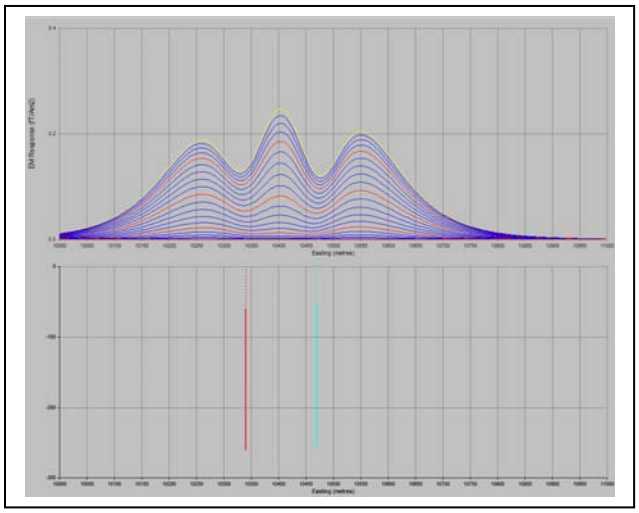


Figure A-18: B-Field response of two vertical thin plates. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment.

Strategic Metals Ltd.

Generating Value

GEOTECH LTD.

SURVEY SPECIFICATIONS:

Survey date: July 2007
Survey base: Haines Junction
Aircraft: AS-350 B3 helicopter, Registration C-GTFX
Nominal Flight Line Spacing: 200 metres
Nominal Flight Line Direction: N 70° E
Nominal Tie Line Spacing: 2000 metres
Nominal Tie Line Direction: N 20° W
Nominal helicopter terrain clearance: 90 metres
EM Loop is 35 metres under helicopter
Magnetic sensor is 15 metres under helicopter

INSTRUMENTS:

Geotech Time Domain Electromagnetic System (VTEM)
with concentric Rx/Tx geometry
Transmitter Loop Diameter 26 m, Base Frequency 30 Hz
Dipole Moment: 407,700 NIA
Transmitter Wave Form: Trapezoid, Pulse Width 7.2 ms
Geometrics Optically-pumped,
High Sensitivity Cesium Magnetometer
Magnetometer Resolution 0.02 nT at 10 samples/sec

EM Anomaly Symbols

Conductance < 5.0 siemens

5.0 < Conductance < 10.0

10.0 < Conductance < 15.0

15.0 < Conductance < 20.0

20.0 < Conductance

Anomaly ID — Conductance (S)
Depth (m) — Tau (ms)
Dip (°)

B-field- response
fT/(A*m^2)

Legend:

Roads
Lakes, Rivers
Utility lines
Railways
Swamps
Topographic contours

Scale 1:20000

250 0 250 500 750 1000
(meters)
WGS 84 / UTM zone 8N

Strategic Metals Ltd.
Hopper BlocK
Yukon, Canada

Geotech VTEM System

EM Picked Anomalies & late time B-field Channel (6.578 ms)

Flown and processed by Geotech Ltd.
30 Industrial Parkway South,
Aurora, Ontario, Canada L4G 3W2
www.geotechairborne.com

November 2007

7067

Strategic metals ltd.

Generating Value

GEOTECH LTD.

SURVEY SPECIFICATIONS:

Survey date: July 2007
Survey base: Haines Junction
Aircraft: AS-350 B3 helicopter, Registration C-GTFX
Nominal Flight Line Spacing: 200 metres
Nominal Flight Line Direction: N 70° E
Nominal Tie Line Spacing: 2000 metres
Nominal Tie Line Direction: N 20° W
Nominal helicopter terrain clearance: 90 metres
EM Loop is 35 metres under helicopter
Magnetic sensor is 15 metres under helicopter

INSTRUMENTS:

Geotech Time Domain Electromagnetic System (VTEM) with concentric Rx/Tx geometry
Transmitter Loop Diameter 26 m, Base Frequency 30 Hz
Dipole Moment: 407,700 NIA
Transmitter Wave Form: Trapezoid, Pulse Width 7.2 ms
Geometrics Optically-pumped,
High Sensitivity Cesium Magnetometer
Magnetometer Resolution 0.02 nT at 10 samples/sec

EM Anomaly Symbols

Conductance < 5.0 siemens
5.0 < Conductance < 10.0
10.0 < Conductance < 15.0
15.0 < Conductance < 20.0
20.0 < Conductance

Anomaly ID — Conductance (S)
Depth (m) — Tau (ms)
Dip (°)

Vertical gradient nT/m

Legend:

Roads
Lakes, Rivers
Utility lines
Railways
Swamps
Topographic contours

Scale 1:20000

250 0 250 500 750 1000 (meters)

WGS 84 / UTM zone 8N

Strategic Metals Ltd.
Hopper BlocK
Yukon, Canada

Geotech VTEM System
Vertical gradient of TMI

Flown and processed by Geotech Ltd.
30 Industrial Parkway South,
Aurora, Ontario, Canada L4G 3W2
www.geotechairborne.com

November 2007

7067

Strategic Metals Ltd.

Generating Value

GEOTECH LTD.

Zone A

Zone B

Zone C

SURVEY SPECIFICATIONS:

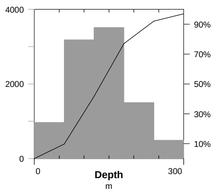
Survey date: July 2007
Survey base: Haines Junction
Aircraft: AS-350 B3 helicopter, Registration C-GTFX
Nominal Flight Line Spacing: 200 metres
Nominal Flight Line Direction: N 70° E
Nominal Tie Line Spacing: 2000 metres
Nominal Tie Line Direction: N 20° W
Nominal helicopter terrain clearance: 85 metres
EM Loop is 40 metres under helicopter
Magnetic sensor is 15 metres under helicopter

INSTRUMENTS:

Geotech Time Domain Electromagnetic System (VTEM)
with concentric Rx/Tx geometry
Transmitter Loop Diameter 26 m, Base Frequency 30 Hz
Dipole Moment: 407,700 NIA
Transmitter Wave Form: Trapezoid, Pulse Width 7.2 ms
Geometrics Optically-pumped,
High Sensitivity Cesium Magnetometer
Magnetometer Resolution 0.02 nT at 10 samples/sec

Euler Solutions
Depth (m)

- > 300
- 200 - 300
- 100 - 200
- 50 - 100
- < 50



EM Anomaly Symbols

- Conductance < 5.0 siemens
- 5.0 < Conductance < 10.0
- 10.0 < Conductance < 15.0
- 15.0 < Conductance < 20.0
- 20.0 < Conductance

Anomaly ID — Conductance (S)
Depth (m) — Tau (ms)
Dip (°)

- Faults
- Geological contact
- EM anomalous zone
- Interpreted magnetic contact
- Interpreted fault

Topo Legend:

- Roads
- Lakes, Rivers
- Utility lines
- Railways
- Swamps
- Topographic contours

Scale 1:20000

250 0 250 500 750 1000
(meters)

WGS 84 / UTM zone 8N

Strategic Metals Ltd.
Hopper Property
Yukon, Canada

Geotech VTEM System
INTERPRETATION MAP

Flown and processed by Geotech Ltd.
30 Industrial Parkway South,
Aurora, Ontario, Canada L4G 3W2
www.geotech.ca

January 2008

7067

Strategic metals ltd.

Generating Value

GEOTECH LTD.

SURVEY SPECIFICATIONS:

Survey date: July 2007
Survey base: Haines Junction
Aircraft: AS-350 B3 helicopter, Registration C-GTFX
Nominal Flight Line Spacing: 200 metres
Nominal Flight Line Direction: N 70° E
Nominal Tie Line Spacing: 2000 metres
Nominal Tie Line Direction: N 20° W
Nominal helicopter terrain clearance: 90 metres
EM Loop is 35 metres under helicopter
Magnetic sensor is 15 metres under helicopter

INSTRUMENTS:

Geotech Time Domain Electromagnetic System (VTEM)
with concentric Rx/Tx geometry
Transmitter Loop Diameter 26 m, Base Frequency 30 Hz
Dipole Moment: 407,700 NIA
Transmitter Wave Form: Trapezoid, Pulse Width 7.2 ms
Geometrics Optically-pumped,
High Sensitivity Cesium Magnetometer
Magnetometer Resolution 0.02 nT at 10 samples/sec

EM Anomaly Symbols

Conductance < 5.0 siemens

5.0 < Conductance < 10.0

10.0 < Conductance < 15.0

15.0 < Conductance < 20.0

20.0 < Conductance

Anomaly ID — Conductance (S)
Depth (m) — Tau (ms)
Dip (°)

dB/dt- response
pV/(A*m^4)

Legend:

Roads
Lakes, Rivers
Utility lines
Railways
Swamps
Topographic contours

Scale 1:20000

250 0 250 500 750 1000
(meters)
WGS 84 / UTM zone 8N

Strategic Metals Ltd.
Hopper Block
Yukon, Canada

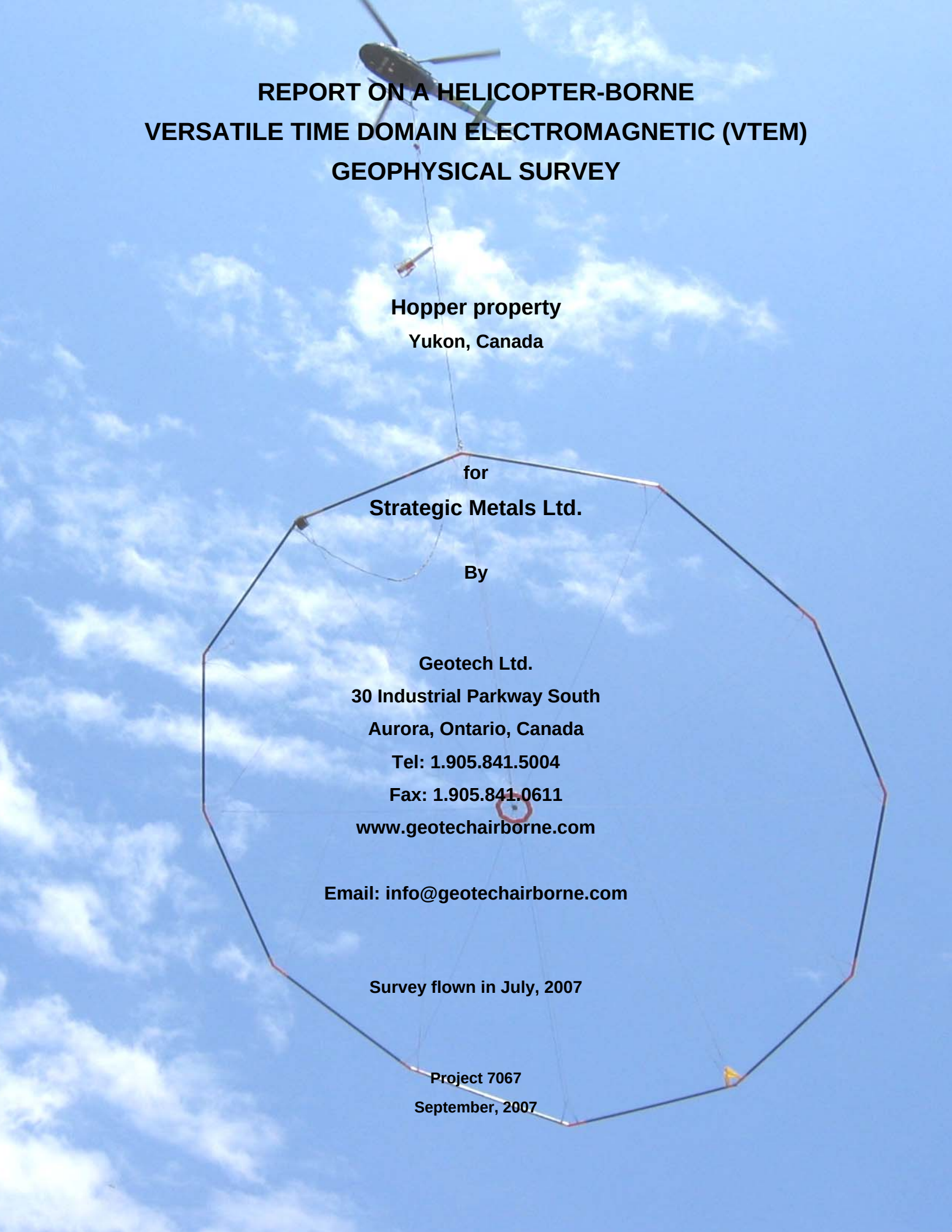
Geotech VTEM System

EM Picked Anomalies & late time dB/dt Channel (6.578 ms)

Flown and processed by Geotech Ltd.
30 Industrial Parkway South,
Aurora, Ontario, Canada L4G 3W2
www.geotechairborne.com

November 2007

7067



REPORT ON A HELICOPTER-BORNE VERSATILE TIME DOMAIN ELECTROMAGNETIC (VTEM) GEOPHYSICAL SURVEY

Hopper property

Yukon, Canada

for

Strategic Metals Ltd.

By

Geotech Ltd.

30 Industrial Parkway South

Aurora, Ontario, Canada

Tel: 1.905.841.5004

Fax: 1.905.841.0611

www.geotechairborne.com

Email: info@geotechairborne.com

Survey flown in July, 2007

Project 7067

September, 2007

TABLE OF CONTENTS

Executive Summary 3
1. INTRODUCTION 4
1.1 General Considerations 4
1.2. Survey and System Specifications 4
1.3. Data Processing and Final Products 5
1.4. Topographic Relief and cultural features 5
2. DATA ACQUISITION 6
2.1. Survey Area 6
2.2. Survey Operations 6
2.3. Flight Specifications 7
2.4. Aircraft and Equipment 8
2.4.1. Survey Aircraft 8
2.4.2. Electromagnetic System 8
2.4.3. Airborne magnetometer 10
2.4.4. Ancillary Systems 10
2.4.4.1. Radar Altimeter 10
2.4.4.2. GPS Navigation System 10
2.4.4.3. Digital Acquisition System 11
2.4.5. Base Station 11
3. PERSONNEL 12
4. DATA PROCESSING AND PRESENTATION 13
4.1. Flight Path 13
4.2. Electromagnetic Data 13
4.3. Magnetic Data 14
5. DELIVERABLES 15
5.1. Survey Report 15
5.2. Maps 15
5.3. Digital Data 15
6. CONCLUSIONS 19

APPENDICES

A. Survey block location map 20
B. Survey block coordinates 22
C. Modeling VTEM data 23
D. VTEM Waveform 24
E. Geophysical maps 25

REPORT ON A HELICOPTER-BORNE
VERSATILE TIME DOMAIN ELECTROMAGNETIC SURVEY

Hopper property, Yukon, Canada

Executive Summary

This report describes the Helicopter-borne geophysical survey carried out on behalf of Archer Cathro & Associates by Geotech Ltd. over one block in Yukon, Canada.

Principal geophysical sensors included a versatile time domain electromagnetic (VTEM) system and a cesium magnetometer. Ancillary equipment included a GPS navigation system and a radar altimeter. A total of 231 line-km were flown.

In-field data processing involved quality control and compilation of data collected during the acquisition stage, using the in-field processing centre established in Haines Junction, Yukon. Preliminary and final data processing, including generation of final digital data products were done at the office of Geotech Ltd. in Aurora, Ontario.

The processed survey results are presented as electromagnetic stacked profiles and total magnetic intensity grid.

Digital data includes all electromagnetic and magnetic products plus positional, altitude and raw data.

1. INTRODUCTION

1.1 General Considerations

These services are the result of the Agreement made between Geotech Ltd. and Archer Cathro & Associates to perform a helicopter-borne geophysical survey over one block located in Yukon, Canada.

231 line-km of geophysical data were acquired during the survey.

Bill Wengzynowski, acted on behalf of Strategic Metals Ltd. during data acquisition and data processing phases of this project.

The survey block is as shown in Appendix A.

The crew was based in Haines Junction, Yukon for the acquisition phase of the survey, as shown in Section 2 of this report.

The helicopter was based at the Haines Junction airport for the duration of the survey. Survey flying was completed on July 24th, 2007. Preliminary data processing was carried out daily during the acquisition phase of the project. Final data presentation and data archiving was completed in the Aurora office of Geotech Ltd. in September, 2007.

1.2. Survey and System Specifications

The survey block was flown at nominal traverse line spacing of 200 metres, at north-east to south-west direction. Tie lines were flown perpendicular to traverse lines.

Where possible, the helicopter maintained a mean terrain clearance of 85 metres, which translated into an average height of 45 metres above ground for the bird-mounted VTEM system and 70 metres for the magnetic sensor.

The survey was flown using an Astar B3 helicopter, registration C-GTFX. The helicopter was operated by TRK helicopters. Details of the survey specifications may be found in Section 2 of this report.

1.3. Data Processing and Final Products

Data compilation and processing were carried out by the application of Geosoft OASIS Montaj and programs proprietary to Geotech Ltd.

A database, grids and maps of final products were presented to Strategic Metals Ltd.

The survey report describes the procedures for data acquisition, processing, final image presentation and the specifications for the digital data set.

1.4. Topographic Relief and cultural features

The survey block is located in Yukon, approximately 65 kilometers north west of the town of Haines Junction.

Topographically, the survey area exhibits a challenging terrain, with elevation range from 975 metres to 1650 metres above sea level.

A power line signal is detected along the western part of the block. Hence, special care is recommended in identifying such cultural features that might be detected in the data.

2. DATA ACQUISITION

2.1. Survey Area

The survey block (see location map, Appendix A) and general flight specifications are as follows:

Survey block	Line spacing (m)	Area (Km2)	Line-km	Flight direction	Line number
HOPPER	200	39.6	206.9	N 70° E	L2010 - L2330
	2000		23.8	N 2W	T2910 - T2930

Table 1 - Survey block

Survey block boundaries co-ordinates are provided in Appendix B.

2.2. Survey Operations

Survey operations were based in Haines Junction, Yukon for the acquisition phase of the survey.

The following table shows the timing of the flying.

Date	Flight #	Flown KM	Block	Crew Location	Comments
23-July-07	7	92.3	HOPPER	Kluane Park Inn, Yukon	Mobilization, Production
24-July-07	8, 9	137.5	HOPPER	Kluane Park Inn, Yukon	Production

Table 2 - Survey schedule

2.3. Flight Specifications

The nominal EM sensor terrain clearance was 45 m (EM bird height above ground, i.e. helicopter is maintained 85 m above ground) due to rough terrain and helicopter crew safety. Nominal survey speed was 80 km/hour. The data recording rates of the data acquisition was 0.1 second for electromagnetics and magnetometer, 0.2 second for altimeter and GPS. This translates to a geophysical reading about every 2 metres along flight track. Navigation was assisted by a GPS receiver and data acquisition system, which reports GPS co-ordinates as latitude/longitude and directs the pilot over a pre-programmed survey grid.

The operator was responsible for monitoring of the system integrity. He also maintained a detailed flight log during the survey, tracking the times of the flight as well as any unusual geophysical or topographic feature.

On return of the aircrew to the base the survey data was transferred from a compact flash card (PCMCIA) to the data processing computer.

2.4. Aircraft and Equipment

2.4.1. Survey Aircraft

An Astar B3 helicopter, registration C-GTFX - owned and operated by TRK Helicopters Ltd. - was used for the survey. Installation of the geophysical and ancillary equipment was carried out by Geotech Ltd.

2.4.2. Electromagnetic System

The electromagnetic system was a Geotech Time Domain EM (VTEM) system. The configuration is as indicated in Figure 1 below.

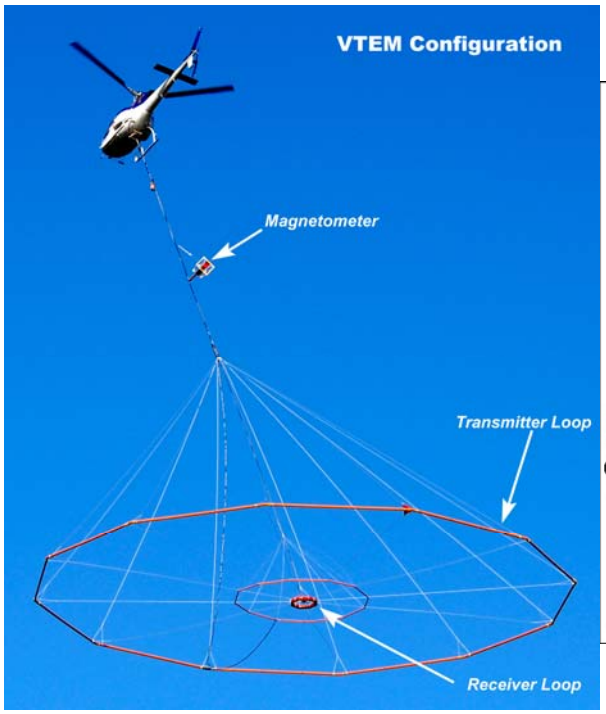


Figure 1 – VTEM configuration

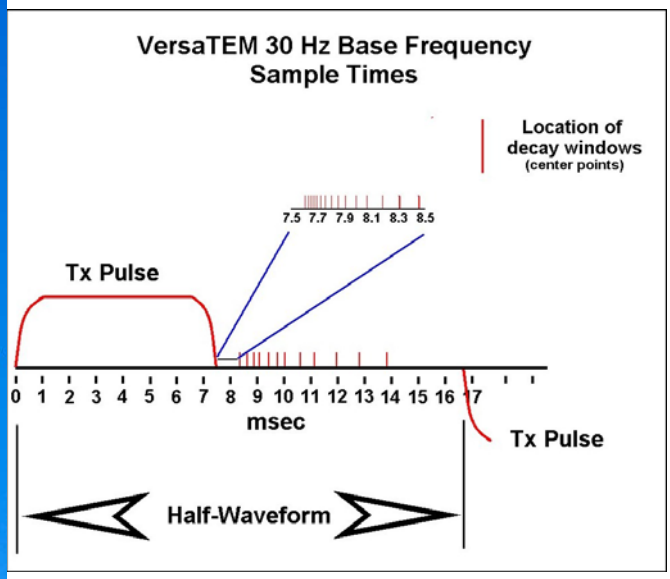


Figure 2 – Sample times

Receiver and transmitter coils are concentric and Z-direction oriented.
The receiver decay recording scheme is shown diagrammatically in Figure 2.

Twenty-four measurement gates were used in the range from 120 μs to 6578 μs, as shown in Table 3.

VTEM Decay Sampling scheme				
Array Index	(Microseconds)			
	Time Gate	Start	End	Width
10	120	110	131	21
11	141	131	154	24
12	167	154	183	29
13	198	183	216	34
14	234	216	258	42
15	281	258	310	53
16	339	310	373	63
17	406	373	445	73
18	484	445	529	84
19	573	529	628	99
20	682	628	750	123
21	818	750	896	146
22	974	896	1063	167
23	1151	1063	1261	198
24	1370	1261	1506	245
25	1641	1506	1797	292
26	1953	1797	2130	333
27	2307	2130	2526	396
28	2745	2526	3016	490
29	3286	3016	3599	583
30	3911	3599	4266	667
31	4620	4266	5058	792
32	5495	5058	6037	979
33	6578	6037	7203	1167

Table 3 - VTEM decay sampling scheme

Transmitter coil diameter was 26 metres, the number of turns was 4.
Transmitter pulse repetition rate was 30 Hz.
Peak current was 192 Amp.
Pulse width was 7.2 ms
Duty cycle was 43%.
Peak dipole moment was 407,700 NIA.

Receiver coil diameter was 1.2 metre, the number of turns was 100.
Receiver effective area was 113.1 m^2
Wave form – trapezoid.
Recording sampling rate was 10 samples per second.

The EM bird was towed 42 m below the helicopter.

2.4.3. Airborne magnetometer

The magnetic sensor utilized for the survey was a Geometrics optically pumped cesium vapour magnetic field sensor, mounted in a separated bird, towed 15 metres below the helicopter, as shown on figure 1. The sensitivity of the magnetic sensor is 0.02 nanoTesla (nT) at a sampling interval of 0.1 seconds. The magnetometer sends the measured magnetic field strength as nanoTeslas to the data acquisition system via the RS-232 port.

2.4.4. Ancillary Systems

2.4.4.1. Radar Altimeter

A Terra TRA 3000/TRI 40 radar altimeter was used to record terrain clearance. The antenna was mounted beneath the bubble of the helicopter cockpit.

2.4.4.2. GPS Navigation System

The navigation system used was a Geotech PC based navigation system utilizing a NovAtel's WAAS enable OEM4-G2-3151W GPS receiver, Geotech navigate software, a full screen display with controls in front of the pilot to direct the flight and an NovAtel GPS antenna mounted on the helicopter tail.
The co-ordinates of the block were set-up prior to the survey and the information was fed into the airborne navigation system.

2.4.4.3. Digital Acquisition System

A Geotech data acquisition system recorded the digital survey data on an internal compact flash card. Data is displayed on an LCD screen as traces to allow the operator to monitor the integrity of the system. The data type and sampling interval as provided in table 4.

DATA TYPE	SAMPLING
TDEM	0.1 sec
Magnetometer	0.1 sec
GPS Position	0.2 sec
RadarAltimeter	0.2 sec

Table 4 - Sampling Rates

2.4.5. Base Station

A combine magnetometer/GPS base station was utilized on this project. A Geometrics Cesium vapour magnetometer was used as a magnetic sensor with a sensitivity of 0.001 nT. The base station was recording the magnetic field together with the GPS time at 1 Hz on a base station computer.

The base station magnetometer sensor was installed 100 metres from the airport in Haines Junction, away from electric transmission lines and moving ferrous objects such as motor vehicles.

The magnetometer base station's data was backed-up to the data processing computer at the end of each survey day.

3. PERSONNEL

The following Geotech Ltd. personnel were involved in the project:

Field

Project Manager:	Harish Kumar
Engineer:	Victor Vetrov
Operator:	Ioan Serbu
Crew chief / QC Geophysicist:	Sean Hayes

The survey pilot and the mechanic engineer were employed directly by the helicopter operator – TRK Helicopters Ltd.

Pilot:	Roy Stevenson
Engineer:	Darren Shipman

Office

Data Processing / Reporting:	Nick Venter
Data Technician:	Maria Jagodkin

Data acquisition and processing phases were carried out under the supervision of Andrei Bagrianski, Surveys Manager. Overall management of the project was undertaken by Edward Morrison, President, Geotech Ltd.

4. DATA PROCESSING AND PRESENTATION

4.1. Flight Path

The flight path, recorded by the acquisition program as WGS 84 latitude/longitude, was converted into the UTM coordinate system in Oasis Montaj.

The flight path was drawn using linear interpolation between x, y positions from the navigation system. Positions are updated every second and expressed as UTM eastings (x) and UTM northings (y).

4.2. Electromagnetic Data

A three stage digital filtering process was used to reject major sferic events and to reduce system noise. Local sferic activity can produce sharp, large amplitude events that cannot be removed by conventional filtering procedures. Smoothing or stacking will reduce their amplitude but leave a broader residual response that can be confused with geological phenomena. To avoid this possibility, a computer algorithm searches out and rejects the major sferic events. The filter used was a 16 point non-linear filter.

The signal to noise ratio was further improved by the application of a low pass linear digital filter. This filter has zero phase shift which prevents any lag or peak displacement from occurring, and it suppresses only variations with a wavelength less than about 1 second or 20 metres. This filter is a symmetrical 1 sec linear filter.

The results are presented as stacked profiles of EM voltages for the time gates, in linear - logarithmic scale for both B-field and dB/dt response.

Generalized modeling results of the VTEM system, written by Geophysicist Roger Barlow, are shown in Appendix C.

Graphical representation of the VTEM output voltage of the receiver coil and the transmitter current is shown in Appendix D.

4.3. Magnetic Data

The processing of the magnetic data involved the correction for diurnal variations by using the digitally recorded ground base station magnetic values. The base station magnetometer data was edited and merged into the Geosoft GDB database on a daily basis. The aeromagnetic data was corrected for diurnal variations by subtracting the observed magnetic base station deviations.

A micro-levelling procedure was applied to remove persistent low-amplitude components of flight-line noise remaining in the data. Where Tie lines were available, Tie line levelling was carried out by adjusting intersection points along the traverse lines.

The corrected magnetic data was interpolated between survey lines using a random point gridding method to yield x-y grid values for a standard grid cell size of approximately 0.2 cm at the mapping scale. The Minimum Curvature algorithm was used to interpolate values onto a rectangular regular spaced grid.

The survey area shows an elevated magnetic activity. Maximum values of 61500 nT are observed in the middle part of the block. Average of 57700 nT is detected in the survey area.

5. DELIVERABLES

5.1. Survey Report

The survey report describes the data acquisition, processing, and final presentation of the survey results.

The survey report is provided in two paper copies and digitally in PDF format.

5.2. Maps

Final maps were produced at a scale of 1:20,000. The coordinate/projection system used was the WGS84, UTM zone 8N. All maps show the flight path trace and topographic data. Latitude and longitude are also noted on maps.

The following maps are presented on paper,

- dB/dt profiles, Time Gates 0.234 – 6.578 μs in linear - logarithmic scale
- B-field profiles, Time Gates 0.234 – 6.578 μs in linear - logarithmic scale
- Total Magnetic intensity contours and colour image

5.3. Digital Data

Two copies of DVDs were prepared.

There are two (2) main directories,

Data contains a database, grids and maps, as described below.

Report contains a copy of the report and appendices in PDF format.

a kmz file containing flightpath of the HOPPER property.
A free version of Google Earth software can be downloaded from,
http://earth.google.com/download-earth.html

- Database in Geosoft GDB format, containing the following channels:

X:	X positional data (metres – WGS84, utm zone 8 north)
Y:	Y positional data (metres – WGS84, utm zone 8 north)
Lon:	Longitude data (degree – WGS84)
Lat:	Latitude data (degree – WGS84)
Z:	GPS antenna elevation (metres - ASL)
Radar:	Helicopter terrain clearance from radar altimeter (metres - AGL)
DEM:	Digital elevation model (metres)
Gtime1:	GPS time (seconds of the day)
Mag1:	Raw Total Magnetic field data (nT)
Basemag:	Magnetic diurnal variation data (nT)
Mag2:	Total Magnetic field diurnal variation corrected data (nT)
Mag3:	Leveled Total Magnetic field data (nT)
SF[10]:	dB/dt 120 microsecond time channel (pV/A/m^4)
SF[11]:	dB/dt 141 microsecond time channel (pV/A/m^4)
SF[12]:	dB/dt 167 microsecond time channel (pV/A/m^4)
SF[13]:	dB/dt 198 microsecond time channel (pV/A/m^4)
SF[14]:	dB/dt 234 microsecond time channel (pV/A/m^4)
SF[15]:	dB/dt 281 microsecond time channel (pV/A/m^4)
SF[16]:	dB/dt 339 microsecond time channel (pV/A/m^4)
SF[17]:	dB/dt 406 microsecond time channel (pV/A/m^4)
SF[18]:	dB/dt 484 microsecond time channel (pV/A/m^4)
SF[19]:	dB/dt 573 microsecond time channel (pV/A/m^4)
SF[20]:	dB/dt 682 microsecond time channel (pV/A/m^4)
SF[21]:	dB/dt 818 microsecond time channel (pV/A/m^4)
SF[22]:	dB/dt 974 microsecond time channel (pV/A/m^4)
SF[23]:	dB/dt 1151 microsecond time channel (pV/A/m^4)
SF[24]:	dB/dt 1370 microsecond time channel (pV/A/m^4)
SF[25]:	dB/dt 1641 microsecond time channel (pV/A/m^4)
SF[26]:	dB/dt 1953 microsecond time channel (pV/A/m^4)
SF[27]:	dB/dt 2307 microsecond time channel (pV/A/m^4)
SF[28]:	dB/dt 2745 microsecond time channel (pV/A/m^4)
SF[29]:	dB/dt 3286 microsecond time channel (pV/A/m^4)
SF[30]:	dB/dt 3911 microsecond time channel (pV/A/m^4)
SF[31]:	dB/dt 4620 microsecond time channel (pV/A/m^4)
SF[32]:	dB/dt 5495 microsecond time channel (pV/A/m^4)
SF[33]:	dB/dt 6578 microsecond time channel (pV/A/m^4)
BF[10]:	B-field 120 microsecond time channel (fV*ms)/(A*m^4)
BF[11]:	B-field 141 microsecond time channel (fV*ms)/(A*m^4)
BF[12]:	B-field 167 microsecond time channel (fV*ms)/(A*m^4)
BF[13]:	B-field 198 microsecond time channel(fV*ms)/(A*m^4)

BF[14]: B-field 234 microsecond time channel (fV*ms)/(A*m^4)
BF[15]: B-field 281 microsecond time channel (fV*ms)/(A*m^4)
BF[16]: B-field 339 microsecond time channel (fV*ms)/(A*m^4)
BF[17]: B-field 406 microsecond time channel (fV*ms)/(A*m^4)
BF[18]: B-field 484 microsecond time channel (fV*ms)/(A*m^4)
BF[19]: B-field 573 microsecond time channel (fV*ms)/(A*m^4)
BF[20]: B-field 682 microsecond time channel (fV*ms)/(A*m^4)
BF[21]: B-field 818 microsecond time channel (fV*ms)/(A*m^4)
BF[22]: B-field 974 microsecond time channel (fV*ms)/(A*m^4)
BF[23]: B-field 1151 microsecond time channel (fV*ms)/(A*m^4)
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BF[25]: B-field 1641 microsecond time channel (fV*ms)/(A*m^4)
BF[26]: B-field 1953 microsecond time channel (fV*ms)/(A*m^4)
BF[27]: B-field 2307 microsecond time channel (fV*ms)/(A*m^4)
BF[28]: B-field 2745 microsecond time channel (fV*ms)/(A*m^4)
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BF[30]: B-field 3911 microsecond time channel (fV*ms)/(A*m^4)
BF[31]: B-field 4620 microsecond time channel (fV*ms)/(A*m^4)
BF[32]: B-field 5495 microsecond time channel (fV*ms)/(A*m^4)
BF[33]: B-field 6578 microsecond time channel (fV*ms)/(A*m^4)
PLM: Power line monitor

Electromagnetic B-field and dB/dt data is found in array channel format between indexes 10 – 33, as described above.

- Database VTEM_waveform.gdb in Geosoft GDB format, containing the following channels:

  Time: Sampling rate interval, 10.416 microseconds
  Volt: output voltage of the receiver coil (volt)

- Grids in Geosoft GRD format, as follow,

  mag_hopper: Total magnetic intensity (nT)
  dem_hopper: Digital elevation model (m)

  A Geosoft .GRD file has a .GI metadata file associated with it, containing grid projection information.
  Grid cell size of 25 meters was used.

- Maps at 1:20,000 scale in Geosoft MAP format, as follow,

  Mag: Total magnetic intensity contours and colour image
  dB/dt_Prof: VTEM dB/dt profiles, Time Gates 0.234 – 6.578 μs in linear - logarithmic scale
  Bfield_Prof: VTEM B-field profiles, Time Gates 0.234 – 6.578 μs in linear - logarithmic scale

- A *readme.txt* file describing the content of digital data, as described above.

6. CONCLUSIONS

A helicopter-borne versatile time domain electromagnetic (VTEM) geophysical survey has been completed over the Hopper property, located in Yukon, Canada.

The total area coverage is 39.6 km^2. Total survey line coverage is 231 line kilometres. The principal sensors included a Time Domain EM system and a magnetometer. Results have been presented as stacked profiles and contour colour images at a scale of 1:20,000.

Final data processing at the office of Geotech Ltd. in Aurora, Ontario was carried out under the supervision of Andrei Bagrianski, Surveys Manager.

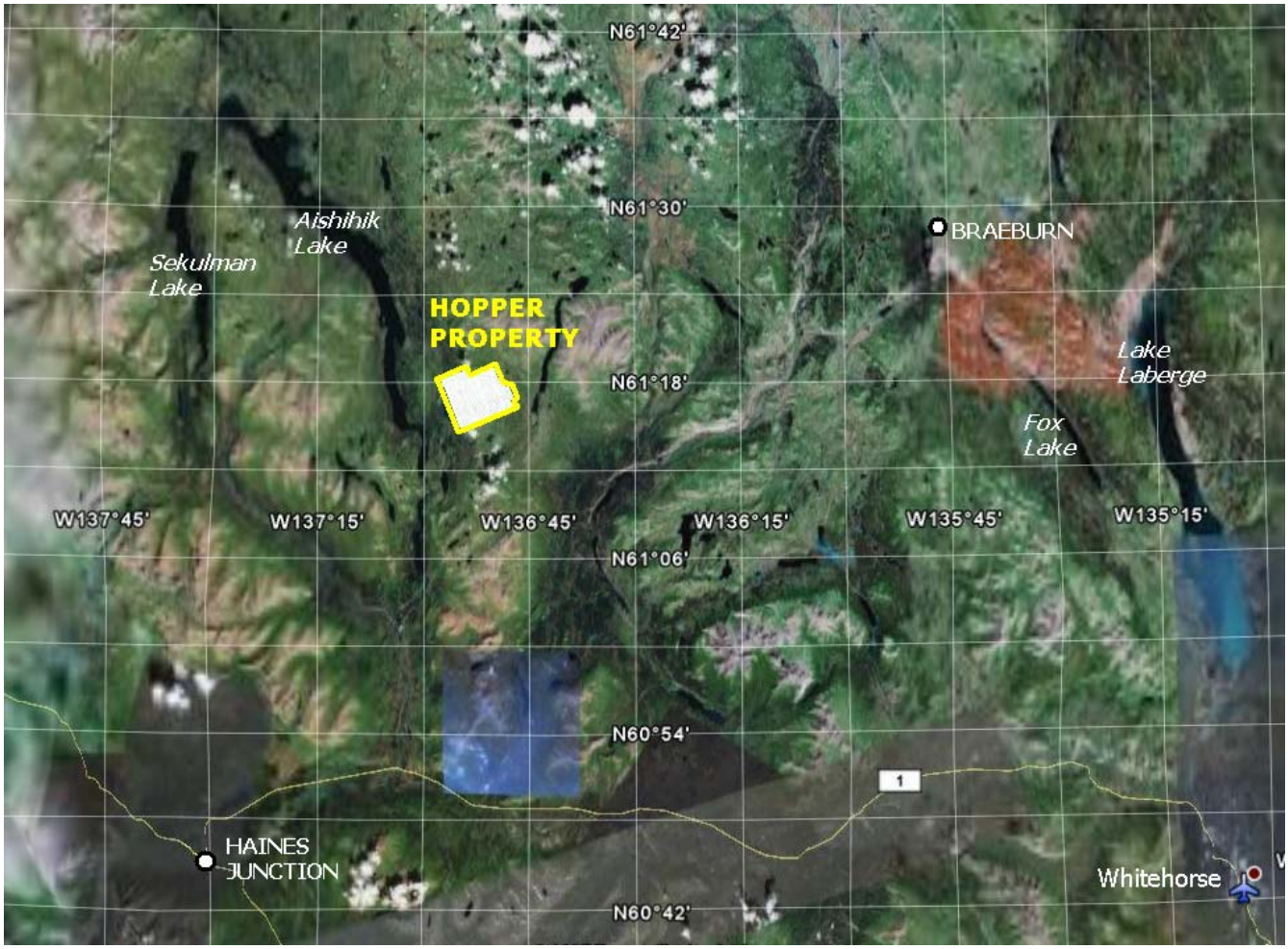
A number of EM anomaly groupings were identified. Ground follow-up of those anomalies should be carried out if favourably supported by other geoscientific data.

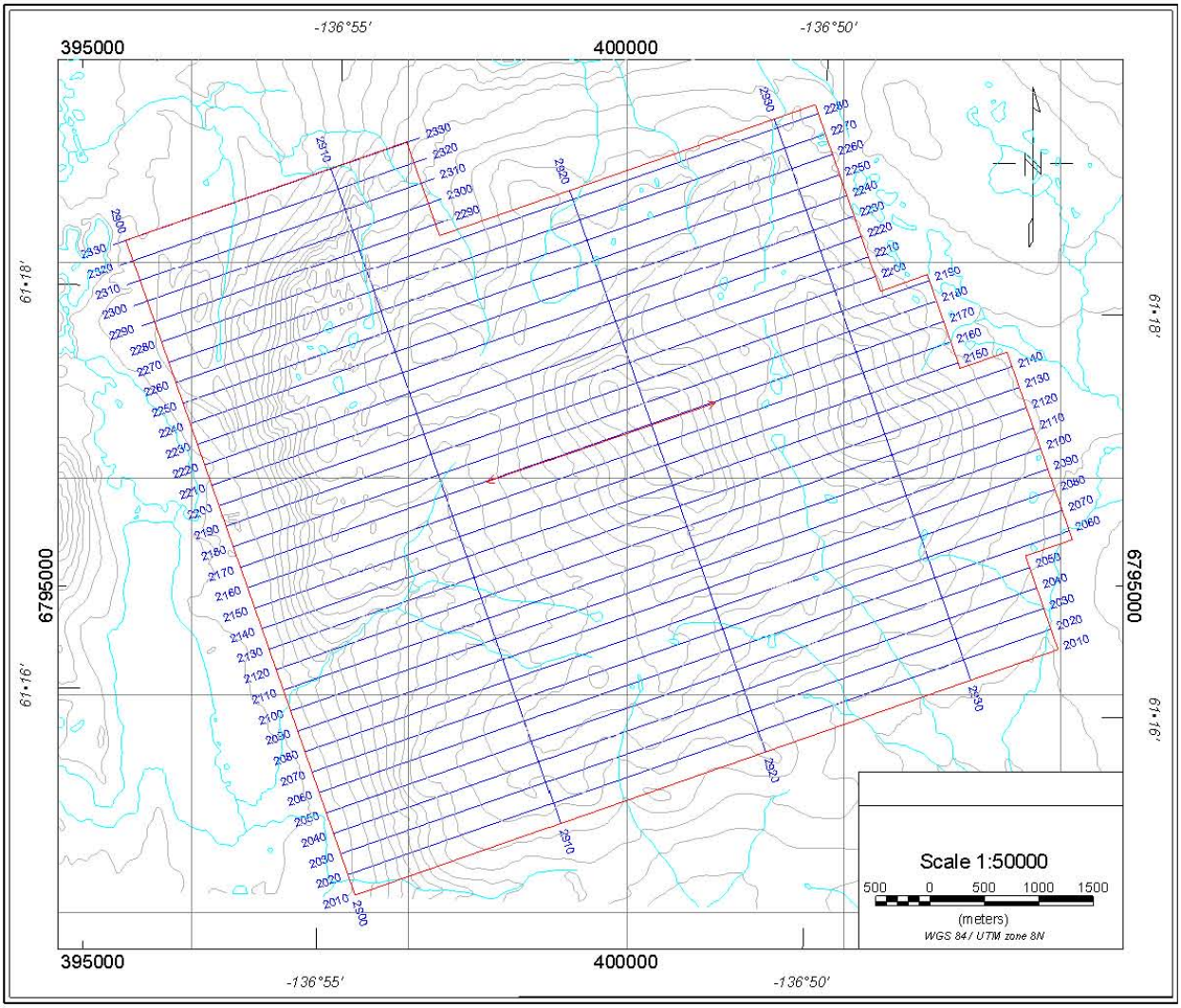
Respectfully submitted,

Nick Venter
Geotech Ltd.
September, 2007

APPENDIX A

SURVEY BLOCK LOCATION MAP




-136°55'
-136°50'
395000
400000
61°18'
61°16'
6795000
Scale 1:50000
500 0 500 1000 1500
(meters)
WGS 84 / UTM zone 8N

APPENDIX B

SURVEY BLOCK COORDINATES
(WGS84, UTM zone 8 north)

Hopper property

X	Y
397982.711	6799106.1
398284.245	6798242.83
401734.958	6799449.87
402337.935	6797723.39
402769.267	6797874.31
403070.793	6797011.05
403502.117	6797161.95
404105.069	6795435.38
403673.787	6795284.51
403975.255	6794421.35
397505.518	6792158.14
395394.679	6798200.79

APPENDIX C

MODELING VTEM DATA

MODELING VTEM DATA

Introduction

The VTEM system is based on a concentric or central loop design, whereby, the receiver is positioned at the centre of a 26.1 meters diameter transmitter loop that produces a dipole moment up to 625,000 NIA at peak current. The wave form is a bi-polar, modified square wave with a turn-on and turn-off at each end. With a base frequency of 30 Hz, the duration of each pulse is approximately 7.5 milliseconds followed by an off time where no primary field is present.

During turn-on and turn-off, a time varying field is produced (dB/dt) and an electro-motive force (emf) is created as a finite impulse response. A current ring around the transmitter loop moves outward and downward as time progresses. When conductive rocks and mineralization are encountered, a secondary field is created by mutual induction and measured by the receiver at the centre of the transmitter loop.

Measurements are made during the off-time, when only the secondary field (representing the conductive targets encountered in the ground) is present.

Late in 2006, Geotech Ltd. incorporated a B-Field measurement in the VTEM system. The B-Field measurements have the advantage of containing more spectral energy at low spectral frequencies than the dB/dt measurements; hence, greater amplitudes and accuracies when encountering targets with higher conductances (> 500 Siemens). The converse is true at higher spectral frequencies where dB/dt measurements are best applied. The B-field is most widely used in nickel exploration where a small percentage of targets are extremely conductive (> 2500 Siemens) and less resolvable or invisible (below the noise threshold) using dB/dt measurements.

Efficient modeling of the results can be carried out on regularly shaped geometries, thus yielding close approximations to the parameters of the measured targets. The following is a description of a series of common models made for the purpose of promoting a general understanding of the measured results.

Variation of Plate Depth

Geometries represented by plates of different strike length, depth extent, dip, plunge and depth below surface can be varied with characteristic parameters like conductance of the target, conductance of the host and conductivity/thickness and thickness of the overburden layer.

Diagrammatic models for a vertical plate are shown in figures A and G at two different depths, all other parameters remaining constant. With this transmitter-receiver geometry, the classic **M** shaped response is generated. Figure A shows a plate where the top is near surface. Here, amplitudes of the duel peaks are higher and symmetrical with the zero centre positioned directly above the plate. Most important is the separation distance of the peaks. This distance is small when the plate is near surface and widens with a linear relationship as the plate (depth to top) increases. Figure G shows a much deeper plate where the separation distance of the peaks is much wider and the amplitudes of the channels have decreased.

Variation of Plate Dip

As the plate dips and departs from the vertical position, the peaks become asymmetrical. Figure B shows a near surface plate dipping 80º. Note that the direction of dip is toward the high shoulder of the response and the top of the plate remains under the centre minimum.

As the dip increases, the aspect ratio (Min/Max) decreases and this aspect ratio can be used as an empirical guide to dip angles from near 90º to about 30º. The method is not sensitive enough where dips are less than about 30º. Figure E shows a plate dipping 45º and, at this angle, the minimum shoulder starts to vanish. In Figure D, a flat lying plate is shown, relatively near surface. Note that the twin peak anomaly has been replaced by a symmetrical shape with large, bell shaped, channel amplitudes which decay relative to the conductance of the plate.

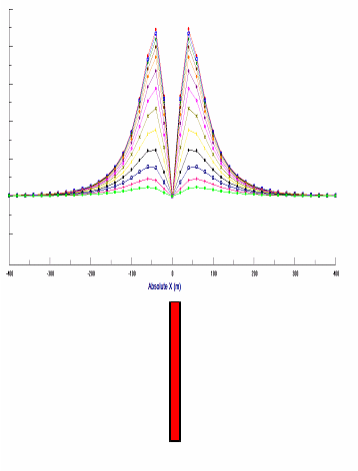
Figure H shows a special case where two plates are positioned to represent a synclinal structure. Note that the main characteristic to remember is the centre amplitudes are higher (approximately double) compared to the high shoulder of a single plate. This model is very representative of tightly folded formations where the conductors where once flat lying.

Variation of Prism Depth

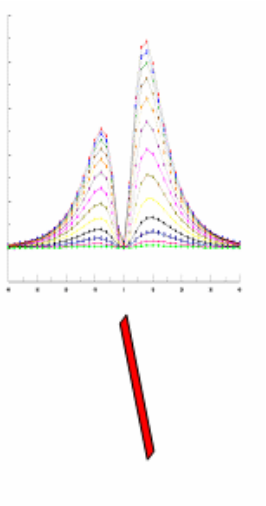
Finally, with prism models, another algorithm is required to represent current on the plate. A plate model is considered to be infinitely thin with respect to thickness and incapable of representing the current in the thickness dimension. A prism model is constructed to deal with this problem, thereby, representing the thickness of the body more accurately.

Figures C, F and I show the same prism at increasing depths. Aside from an expected decrease in amplitude, the side lobes of the anomaly show a widening with deeper prism depths of the bell shaped early time channels.

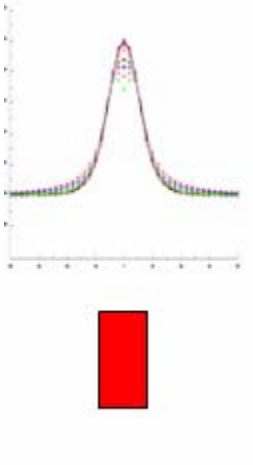
A



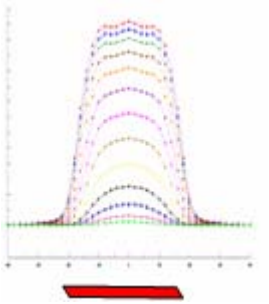
B



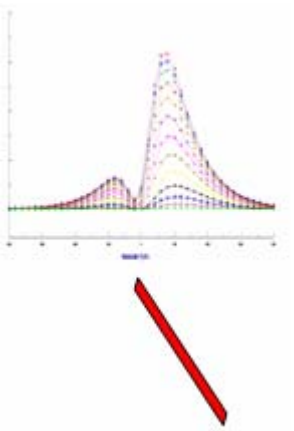
C



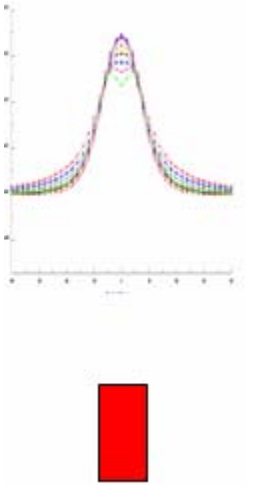
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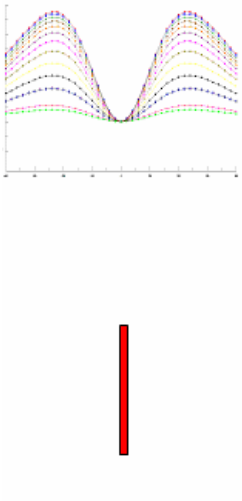
E



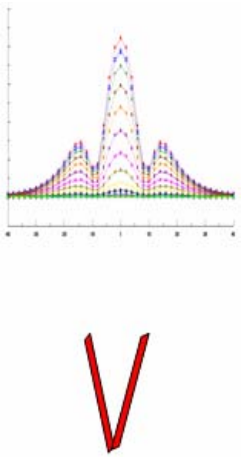
F



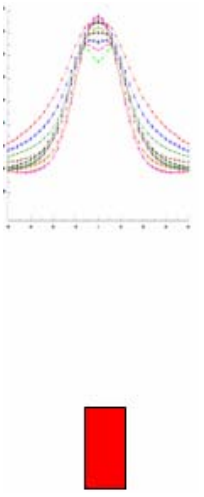
G



H



I



General Modeling Concepts

A set of models has been produced for the Geotech VTEM® system with explanation notes (see models A to I above). The reader is encouraged to review these models, so as to get a general understanding of the responses as they apply to survey results. While these models do not begin to cover all possibilities, they give a general perspective on the simple and most commonly encountered anomalies.

When producing these models, a few key points were observed and are worth noting as follows:

- For near vertical and vertical plate models, the top of the conductor is always located directly under the centre low point between the two shoulders in the classic **M** shaped response.

- As the plate is positioned at an increasing depth to the top, the shoulders of the **M** shaped response, have a greater separation distance.

- When faced with choosing between a flat lying plate and a prism model to represent the target (broad response) some ambiguity is present and caution should be exercised.

- With the concentric loop system and Z-component receiver coil, virtually all types of conductors and most geometries are most always well coupled and a response is generated (see model H). Only concentric loop systems can map this type of target.

The modelling program used to generate the responses was prepared by PetRos Eikon Inc. and is one of a very few that can model a wide range of targets in a conductive half space.

General Interpretation Principals

Magnetics

The total magnetic intensity responses reflect major changes in the magnetite and/or other magnetic minerals content in the underlying rocks and unconsolidated overburden. Precambrian rocks have often been subjected to intense heat and pressure during structural and metamorphic events in their history. Original signatures imprinted on these rocks at the time of formation have, it most cases, been modified, resulting in low magnetic susceptibility values.

The amplitude of magnetic anomalies, relative to the regional background, helps to assist in identifying specific magnetic and non-magnetic rock units (and conductors) related to, for example, mafic flows, mafic to ultramafic intrusives, felsic intrusives, felsic volcanics and/or sediments etc. Obviously, several geological sources can produce the same magnetic response. These ambiguities can be reduced considerably if basic geological information on the area is available to the geophysical interpreter.

In addition to simple amplitude variations, the shape of the response expressed in the wave length and the symmetry or asymmetry, is used to estimate the depth, geometric parameters and magnetization of the anomaly. For example, long narrow magnetic linears usually reflect mafic flows or intrusive dyke features. Large areas with complex magnetic patterns may be produced by intrusive bodies with significant magnetization, flat lying magnetic sills or sedimentary iron formation. Local isolated circular magnetic patterns often represent plug-like igneous intrusives such as kimberlites, pegmatites or volcanic vent areas.

Because the total magnetic intensity (TMI) responses may represent two or more closely spaced bodies within a response, the second derivative of the TMI response may be helpful for distinguishing these complexities. The second derivative is most useful in mapping near surface linears and other subtle magnetic structures that are partially masked by nearby higher amplitude magnetic features. The broad zones of higher magnetic amplitude, however, are severely attenuated in the vertical derivative results. These higher amplitude zones reflect rock units having strong magnetic susceptibility signatures. For this reason, both the TMI and the second derivative maps should be evaluated together.

Theoretically, the second derivative, zero contour or colour delineates the contacts or limits of large sources with near vertical dip and shallow depth to the top. The vertical gradient map also aids in determining contact zones between rocks with a susceptibility contrast, however, different, more complicated rules of thumb apply.

Concentric Loop EM Systems

Concentric systems with horizontal transmitter and receiver antennae produce much larger responses for flat lying conductors as contrasted with vertical plate-like conductors. The amount of current developing on the flat upper surface of targets having a substantial area in this dimension, are the direct result of the effective coupling angle, between the primary magnetic field and the flat surface area. One therefore, must not compare the amplitude/conductance of responses generated from flat lying bodies with those derived from near vertical plates; their ratios will be quite different for similar conductances.

Determining dip angle is very accurate for plates with dip angles greater than 30º. For angles less than 30º to 0º, the sensitivity is low and dips can not be distinguished accurately in the presence of normal survey noise levels.

A plate like body that has near vertical position will display a two shoulder, classic **M** shaped response with a distinctive separation distance between peaks for a given depth to top.

It is sometimes difficult to distinguish between responses associated with the edge effects of flat lying conductors and poorly conductive bedrock conductors. Poorly conductive bedrock conductors having low dip angles will also exhibit responses that may be interpreted as surfacial overburden conductors. In some situations, the conductive response has line to line continuity and some magnetic correlation providing possible evidence that the response is related to an actual bedrock source.

The EM interpretation process used, places considerable emphasis on determining an understanding of the general conductive patterns in the area of interest. Each area has different characteristics and these can effectively guide the detailed process used.

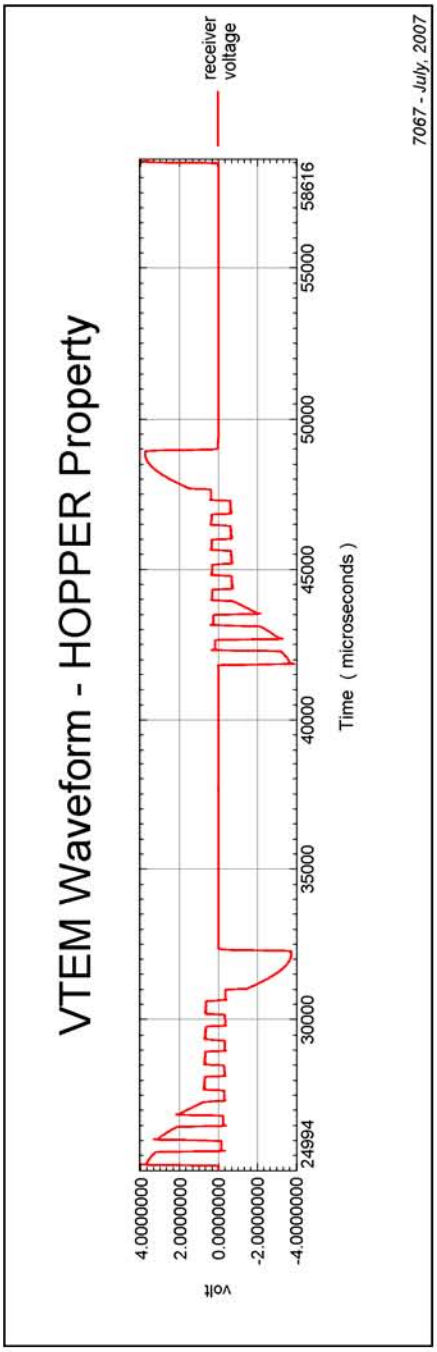
The first stage is to determine which time gates are most descriptive of the overall conductance patterns. Maps of the time gates that represent the range of responses can be very informative.

Next, stacking the relevant channels as profiles on the flight path together with the second vertical derivative of the TMI is very helpful in revealing correlations between the EM and Magnetics.

Next, key lines can be profiled as single lines to emphasize specific characteristics of a conductor or the relationship of one conductor to another on the same line. Resistivity Depth sections can be constructed to show the relationship of conductive overburden or conductive bedrock with the conductive anomaly.

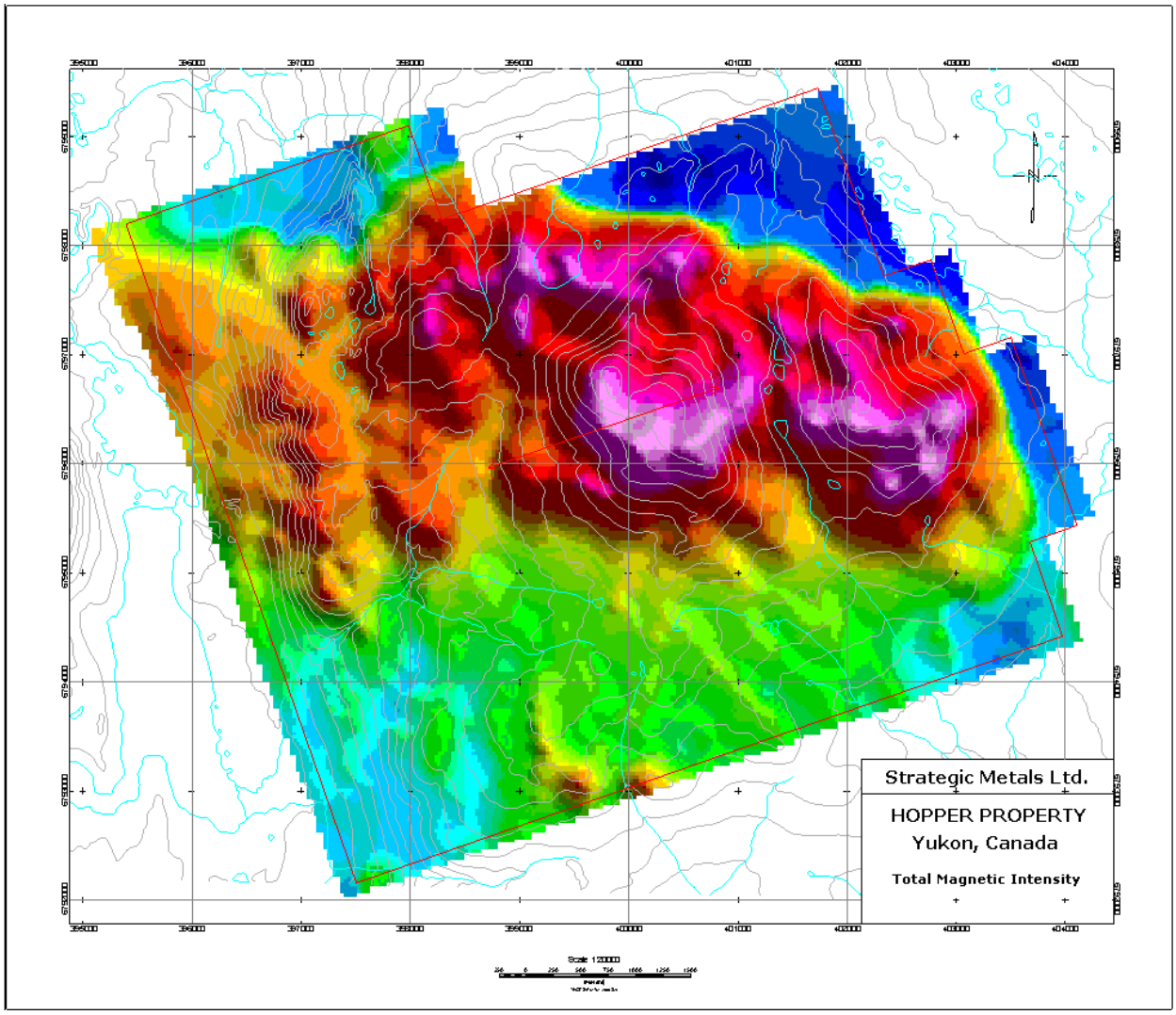
APPENDIX D

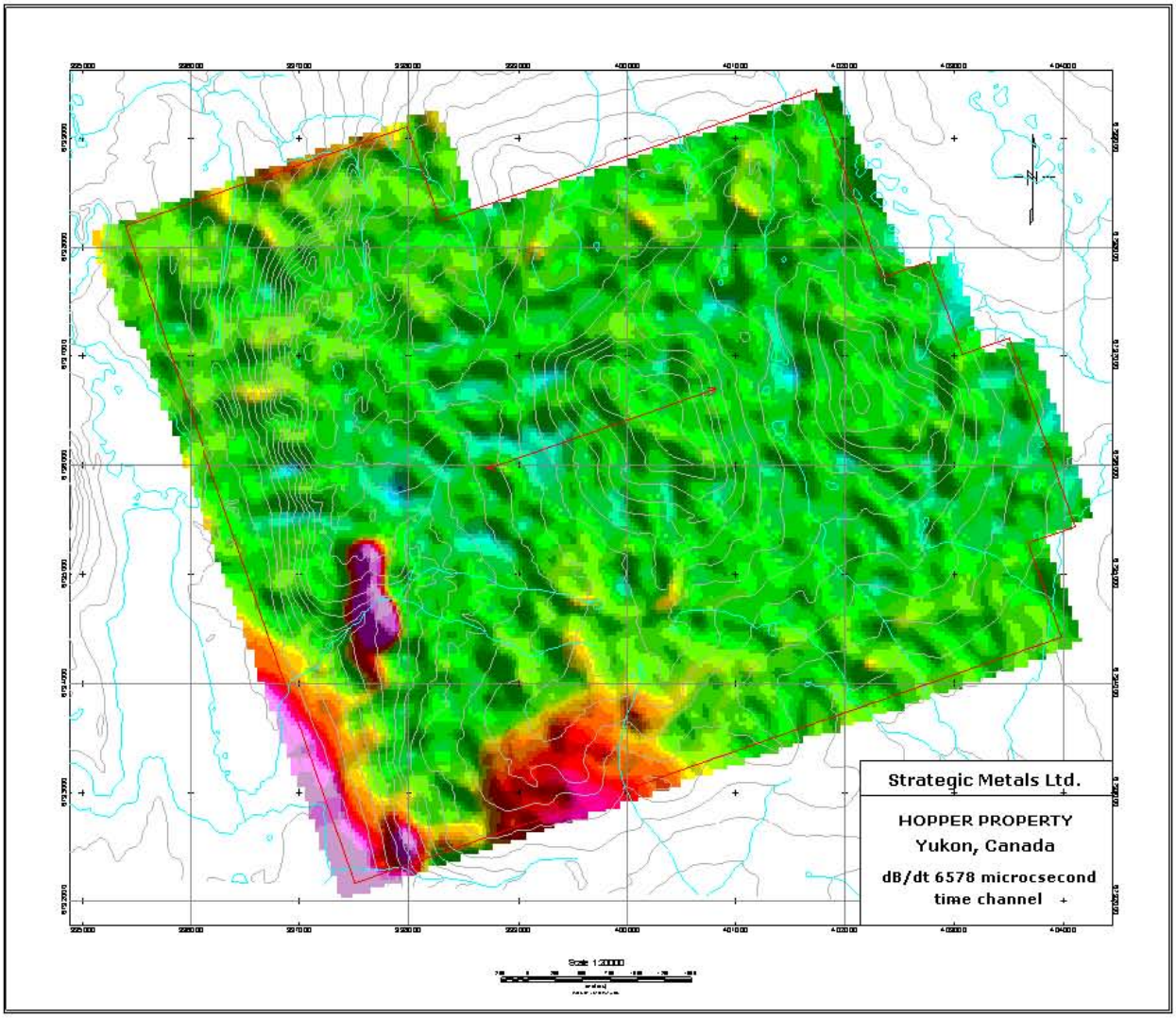
VTEM WAVE FORM



APPENDIX E

GEOPHYSICAL MAPS




Strategic Metals Ltd.
HOPPER PROPERTY
Yukon, Canada
dB/dt 6578 microcsecond
time channel

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 – 510 West Hastings Street
Vancouver, B.C. V6B 1L8
Telephone: 604-688-2568 Fax: 604-688-2578



AFFIDAVIT

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

That to the best of my knowledge the attached Statement of Expenditures for exploration work on Hopper 1-162 mineral claims on Claim Sheet 115H/7 is accurate.

Joan Mariacher

Sworn before me at Vancouver, B.C.

this 24th day of January, 2008.

Notary Public, Yukon Territory



Statement of Expenditures
Hopper 1-162 Mineral Claims
January 21, 2008

Labour

D. Eaton – geologist – June to October 2007 – 46.16 hours @ $100/hr	$ 4,892.96
B. Wengzynowski – geologist – June to October 2007 – 11.50 hours @ $100/hr	1,219.00
S. Eaton – geologist – June 5-17, 2007 – 13 days @ $520/day	7,165.60
H. Blumenthal – geologist – June 17-July 4, 2007 – 17 days @ $480/day	8,649.60
D. Gregory – geologist – September 17, 2007 – 1 day @ $480/day	508.80
K. Jessen – geologist – June 5-July 4, 2007 & September 27, 2007 30 days @ $400/day	12,720.00
D. Arnold-Wallinger – field assistant – June 5-17, 2007 – 13 days @ $400/day	5,512.00
A. Pare – field assistant– June 5-17, 2007 – 13 days @ $400/day	5,512.00
R. Drechsler – field assistant – July 3, 2007 – 1 day @ $304/day	322.24
K. Larson – field assistant – June 5-17, 2007 – 13 days @ $288/day	3,968.64
J. Dampier – field assistant – June 5-July 4, 2007 29 days @ $272/day	8,361.28
J. Stevens – field assistant – June 5-17, 2007 – 13 days @ $272/day	3,748.16
K. Nelson – cook – June 5-July 4, 2007 – 29 days @ $400/day	12,296.00
	74,876.28

Expenses

Field room and board – 204 days @ $125/day	$ 27,030.00
Capital Helicopters – 17 hours Bell 206B @ $1,000/hr plus fuel	20,115.82
15317 Yukon Inc.	27,151.90
ALS Chemex	5,682.54
	79,980.26

Total $154,856.54

295 samples taken = $524.94/sample

Grant Number	Claim Name	Samples	Cost
YC41099	Hopper 9	13	$ 6,824.19
YC41100	10	6	3,149.63
YC41103	13	30	15,748.12
YC41104	14	2	1,049.88
YC41105	15	15	7,874.06
YC41106	16	7	3,674.56
YC41107	17	7	3,674.56
YC41108	18	56	29,396.50
YC41110	20	51	26,771.81
YC47020	24	9	4,724.44
YC47021	25	27	14,173.31
YC47022	26	15	7,874.06
YC47023	27	10	5,249.37
YC47024	28	7	3,674.56
YC47039	43	19	9,973.81
YC47040	44	11	5,774.31
YC47041	45	3	1,574.81
YC47152	156	6	3,149.62
YC47158	162	1	524.94
		295	154,856.54

Archer, Cathro & Associates
(1981) Limited
#1016 - 510 West Hastings Street
Vancouver, B.C.
V6B 1L8

Invoice

Invoice Date	Invoice #
4/30/2007	137

Bill To

HOPPER PROJECT
Strategic Metals Ltd.

		BILLING PERIOD		
		APRIL/07		
Budget Item	**Description**	**Hours**	**Rate**	**Amount**
Senior Supervision	D.Eaton	1.00	100.00	100.00T
Senior Supervision	B.Wengzynowski	1.50	100.00	150.00T
Office work	J.Mariacher	10.75	70.00	752.50T
Office work	H.Smith	1.00	65.00	65.00T
Office work	G.Walker	1.00	34.00	34.00T
Office work	J.Itkin	1.00	34.50	34.50T
	EXPENSES			
Shipping & Trucking	Air North - Inv#F02150503 - shipping		10.89	10.89T
Management Fee	Management Fee on Expenses		8.00%	0.87T
	Business Number: 100247667			



Subtotal	**$1,147.76**
GST	**$68.87**
Total Payable	**$1,216.63**

Archer, Cathro & Associates
(1981) Limited
#1016 - 510 West Hastings Street
Vancouver, B.C.
V6B 1L8

Invoice

Invoice Date	Invoice #
5/31/2007	138

Bill To

HOPPER PROJECT
Strategic Metals Ltd.

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				MAY/07	
Budget Item	**Description**		**Hours**	**Rate**	**Amount**
Senior Supervision	D.Eaton		7.00	100.00	700.00T
Senior Supervision	B.Wengzynowski		4.00	100.00	400.00T
Expediting	L.Corbett		2.25	60.00	135.00T
Expediting	D.Huston		1.75	60.00	105.00T
Labour	W.Huston		0.50	40.00	20.00T
Labour	Kristen Nelson		8.00	50.00	400.00T
Office work	M.Dumala		0.50	80.00	40.00T
Office work	S.Eaton		5.00	65.00	325.00T
Office work	M.Gonzalvo		3.00	34.00	102.00T
Office work	J.Mariacher		6.00	70.00	420.00T
Office work	H.Smith		2.00	65.00	130.00T
Office work	G.Walker		2.50	34.00	85.00T
Office work	J.Itkin May 1-15/07		1.00	34.50	34.50T
Office work	J.Itkin May 16-31/07		0.75	34.50	25.88T
	EXPENSES				
Camp Food & Consum...	Yukon Explosives - Inv#343294 - camp supplies			89.30	89.30T
Other Equipment	Pothier Enterprises - Inv#24667 - 12" daimond blade			3,900.00	3,900.00T
Airborne Geophysics	Geotech - Inv#991034 - VTEM survey			27,185.04	27,185.04T
Non-AC Miscellaneous	Northern Safety Network - Inv#2007-00411 - safety training			70.00	70.00T
Truck Rental & Fuel	Norcan Leasing - Inv#NOR-19573i1 - May 27-31/07 truck rental			4.21	4.21T
Truck Rental & Fuel	Norcan Leasing - Inv#NOR-19572i1 - May 27-31/07 truck rental			4.21	4.21T
Truck Rental & Fuel	Norcan Leasing - Inv#NOR-19636i1 - May 30-31/07 truck rental			2.11	2.11T
Truck Rental & Fuel	Norcan Leasing - Inv#NOR-19635i1 - May 30-31/07 truck rental			2.11	2.11T
Non-AC Miscellaneous	petty cash - chq#9089			5.75	5.75T
Non-AC Miscellaneous	Northern Safety Network - Inv#2007-00412 - safety training			70.00	70.00T
	Total Expenses				31,332.73
Management Fee	Management Fee on Expenses			8.00%	2,506.62T

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JAN 2 5 2008
MINING RECORDER
WHITEHORSE, YT
Government of Yukon

Subtotal	
GST	
Total Payable	

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Vancouver, B.C.
V6B 1L8

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Invoice Date	Invoice #
5/31/2007	138

Bill To

HOPPER PROJECT
Strategic Metals Ltd.

BILLING PERIOD
MAY/07

Budget Item	Description	Hours	Rate	Amount
AC House-Room & Bo...	OTHER SERVICES May/07 Room & Board - $120 x 2ds Business Number: 100247667		240.00	240.00T



Subtotal	**$37,001.73**
GST	**$2,220.10**
Total Payable	**$39,221.83**

Archer, Cathro & Associates
(1981) Limited
#1016 - 510 West Hastings Street
Vancouver, B.C.
V6B 1L8

Invoice

Invoice Date	Invoice #
6/30/2007	246

Bill To

HOPPER PROJECT
Strategic Metals Ltd.

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		JUNE/07		
Budget Item	**Description**	**Qty/Hours**	**Rate**	**Amount**
	OTHER SERVICES			
AC-10 Camp & Field Gear Rental	AC Camp & Field Gear Rental - full	140.00	60.00	8,400.00T
AC-11 AC House-Room & Board	AC House-Room & Board	36.00	120.00	4,320.00T
AC-20 AC Miscellaneous	12" diamond blade	3.00	345.00	1,035.00T
AC-12 ATV Rental	Mulette	1.00	100.00	100.00T
	FEES			
AC-08 Senior Supervision	D.Eaton	28.16	100.00	2,816.00T
AC-08 Senior Supervision	B.Wengzynowski	6.00	100.00	600.00T
AC-06 Expediting	L.Corbett	3.75	60.00	225.00T
AC-06 Expediting	D.Huston	3.00	60.00	180.00T
AC-05 Labour	D.Arnold-Wallinger	136.00	50.00	6,800.00T
AC-05 Labour	H.Blumethal	128.00	60.00	7,680.00T
AC-05 Labour	J.Dampier	232.00	34.00	7,888.00T
AC-05 Labour	S.Eaton	136.00	65.00	8,840.00T
AC-05 Labour	A.Fietz	8.00	34.00	272.00T
AC-05 Labour	R.Foubister	8.00	50.00	400.00T
AC-05 Labour	W.Huston	7.25	40.00	290.00T
AC-05 Labour	K.Jessen	224.00	50.00	11,200.00T
AC-05 Labour	P.Kibenge	3.75	34.00	127.50T
AC-05 Labour	K.Larsen	104.00	36.00	3,744.00T
AC-05 Labour	A.MacKinnon	8.00	36.00	288.00T
AC-05 Labour	K.Nelson	224.00	50.00	11,200.00T
AC-05 Labour	A.Pare	120.00	50.00	6,000.00T
AC-05 Labour	J.Stevens	104.00	34.00	3,536.00T
AC-05 Labour	N.Thomson-Gladish	3.75	34.00	127.50T
AC-07 Office work	J.Itkin	2.00	34.50	69.00T
AC-07 Office work	M.Gonzalvo	5.75	34.00	195.50T
AC-07 Office work	J.Mariacher	8.00	70.00	560.00T
AC-07 Office work	G.Walker	0.75	34.00	25.50T
	EXPENSES			
NA-25 Shipping & Trucking	Byers Transport - Inv#27560455-00		70.51	70.51T
NA-26 Truck Rental & Fuel	Porter Creek Super A - Inv#17026		27.81	27.81T
NA-22 Camp Food & Consuma...	Home Hardware - Inv#188284		25.57	25.57T
NA-26 Truck Rental & Fuel	Porter Creek Super A - Inv#17026		53.05	53.05T
NA-02 Helicopter+Fuel	North 60 Petro - Inv#TBA0671875		1,327.14	1,327.14T

RECEIVED
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Subtotal	
GST	
Total Payable	

ARCHER CATHRO

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V6B 1L8

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Invoice Date	Invoice #
6/30/2007	246

Bill To

HOPPER PROJECT
Strategic Metals Ltd.

		BILLING PERIOD		
		JUNE/07		
Budget Item	**Description**	**Qty/Hours**	**Rate**	**Amount**
NA-22 Camp Food & Consuma...	Builders Supplyland - Inv#15687		145.20	145.20T
NA-22 Camp Food & Consuma...	Riverdale Super A - Inv#37590		3,782.56	3,782.56T
NA-02 Helicopter+Fuel	Capital Helicopters - Inv#10585		3,825.72	3,825.72T
NA-26 Truck Rental & Fuel	Porter Creek Super A - Inv#17045		165.59	165.59T
NA-26 Truck Rental & Fuel	Porter Creek Super A - Inv#17056		58.49	58.49T
NA-23 Non-AC Room & Board	Carmacks Hotel - Inv#7334		42.51	42.51T
NA-26 Truck Rental & Fuel	Norcan Leasing - Inv#NOR-19740		238.06	238.06T
NA-02 Helicopter+Fuel	North 60 Petro - Inv#TBA0672482		690.76	690.76T
NA-05 Excavator+Fuel	North 60 Petro - Inv#TBA0672483		1,836.00	1,836.00T
NA-05 Excavator+Fuel	15317 Yukon Inc - Inv#41476		25,615.00	25,615.00T
NA-22 Camp Food & Consuma...	Riverdale Super A - Inv#37092		2,027.69	2,027.69T
NA-22 Camp Food & Consuma...	Office Supply Centre - Inv#243364		10.40	10.40T
NA-22 Camp Food & Consuma...	Home Hardware - Inv#196297		48.93	48.93T
NA-05 Excavator+Fuel	North 60 Petro - Inv#1575267		-65.00	-65.00T
NA-25 Shipping & Trucking	Greyhound - Inv#3515586		142.64	142.64T
NA-22 Camp Food & Consuma...	Porter Creek Super A - Inv#17206		6.48	6.48T
NA-05 Excavator+Fuel	North 60 Petro - Inv#TBA0672620		1,130.00	1,130.00T
NA-30 Non-AC Miscellaneous	petty cash - chq#3124		6.25	6.25T
NA-26 Truck Rental & Fuel	petty cash - chq#3124		35.29	35.29T
NA-24 Airfare & Transportation	JM visa - chq#3129		915.04	915.04T
NA-28 Government Fees	JM visa - chq#3129		250.00	250.00T
NA-02 Helicopter+Fuel	Capital Helicopters - Inv#10811		1,840.24	1,840.24T
NA-22 Camp Food & Consuma...	Riverdale Super A - Inv#37696		471.13	471.13T
NA-02 Helicopter+Fuel	Capital Helicopters - Inv#10592		2,077.02	2,077.02T
NA-02 Helicopter+Fuel	Capital Helicopters - Inv#10249		3,106.30	3,106.30T
NA-02 Helicopter+Fuel	Capital Helicopters - Inv#10247		3,180.84	3,180.84T
NA-05 Excavator+Fuel	15317 Yukon Inc - Inv#123402		2,025.00	2,025.00T
NA-22 Camp Food & Consuma...	Riverdale Super A - Inv#37397		197.36	197.36T
NA-02 Helicopter+Fuel	Capital Helicopters - Inv#10597		1,840.77	1,840.77T
NA-30 Non-AC Miscellaneous	petty cash - chq#3189		10.49	10.49T
NA-02 Helicopter+Fuel	Capital Helicopters - Inv#10497		3,106.30	3,106.30T
NA-26 Truck Rental & Fuel	Norcan Leasing - Inv#NOR-19178i2		79.83	79.83T
NA-26 Truck Rental & Fuel	Norcan Leasing - Inv#NOR-19573i2		159.67	159.67T
NA-26 Truck Rental & Fuel	Norcan Leasing - Inv#NOR-19635i2		79.83	79.83T
NA-26 Truck Rental & Fuel	Norcan Leasing - Inv#NOR-19636i2		479.00	479.00T
	Total Expenses			61,065.47
AC-01 Management Fee	Management Fee on Expenses		8.00%	4,885.24T
			Subtotal	
			GST	
			Total Payable	



Archer, Cathro & Associates
(1981) Limited
#1016 - 510 West Hastings Street
Vancouver, B.C.
V6B 1L8

Invoice

Invoice Date	Invoice #
6/30/2007	246

Bill To

HOPPER PROJECT
Strategic Metals Ltd.

		BILLING PERIOD		
		JUNE/07		
Budget Item	**Description**	**Qty/Hours**	**Rate**	**Amount**
AC-01 Management Fee	Management Fee on Field Account - $1,122.49 Business Number: 100247667		89.80	89.80T
			Subtotal	**$152,959.51**
			GST	**$9,177.57**
			Total Payable	**$162,137.08**

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Invoice

Invoice Date	Invoice #
7/31/2007	283

Bill To

HOPPER PROJECT
Strategic Metals Ltd.

		BILLING PERIOD		
		JULY/07		
Budget Item	**Description**	**Qty/Hours**	**Rate**	**Amount**
	OTHER SERVICES			
AC-10 Camp & Field Gear Rental	AC Camp & Field Gear Rental	17.00	60.00	1,020.00T
AC-11 AC House-Room & Board	AC House-Room & Board	10.00	120.00	1,200.00T
AC-20 AC Miscellaneous	AA batteries	50.00	1.00	50.00T
	FEES			
AC-05 Labour	Kristen Nelson	40.00	50.00	2,000.00T
AC-05 Labour	K.Jessen	32.00	60.00	1,920.00T
AC-05 Labour	J.Dampier	32.00	34.00	1,088.00T
AC-05 Labour	H.Blumenthal	32.00	60.00	1,920.00T
AC-08 Senior Supervision	D.Eaton	2.00	100.00	200.00T
AC-05 Labour	R.Drechsler	8.00	38.00	304.00T
AC-07 Office work	G.Walker	4.75	34.00	161.50T
AC-05 Labour	W.Huston	8.00	40.00	320.00T
AC-07 Office work	M.Gonzalvo	6.75	34.00	229.50T
AC-06 Expediting	D.Huston	2.75	60.00	165.00T
AC-07 Office work	J.Mariacher	2.25	70.00	157.50T
AC-07 Office work	J.Itkin	1.75	34.50	60.38T
AC-05 Labour	N.Thomson-Gladish	3.25	34.00	110.50T
AC-06 Expediting	L.Corbett	5.00	60.00	300.00T
AC-07 Office work	S.Newman	5.50	34.00	187.00T
	EXPENSES			
NA-26 Truck Rental & Fuel	Trails North - Inv#12418		31.13	31.13T
NA-26 Truck Rental & Fuel	Trails North - Inv#12415		383.96	383.96T
NA-22 Camp Food & Consuma...	Trails North - Inv#12415		80.19	80.19T
NA-30 Non-AC Miscellaneous	Maximillian's Corporation - Inv#472445		12.94	12.94T
NA-26 Truck Rental & Fuel	Trails North - Inv#12464		76.02	76.02T
NA-30 Non-AC Miscellaneous	Shoppers Drug Mart - Inv#POS05027-00		75.47	75.47T
NA-26 Truck Rental & Fuel	Trails North - Inv#12485		21.37	21.37T
NA-26 Truck Rental & Fuel	Porter Creek Super A - Inv#17217		115.90	115.90T
NA-30 Non-AC Miscellaneous	Maximillian's Corporation - Inv#476785		12.90	12.90T
NA-30 Non-AC Miscellaneous	Shoppers Drug Mart - Inv#476785		11.98	11.98T
NA-30 Non-AC Miscellaneous	Maximillian's Corporation - Inv#477233		12.99	12.99T
NA-30 Non-AC Miscellaneous	Maximillian's Corporation - Inv#481741		11.98	11.98T
NA-25 Shipping & Trucking	Greyhound - Inv#3530237		191.34	191.34T
NA-02 Helicopter+Fuel	Heli Dynamics - Inv#7166		4,553.16	4,553.16T

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Subtotal	
GST	
Total Payable	

Archer, Cathro & Associates
(1981) Limited
#1016 - 510 West Hastings Street
Vancouver, B.C.
V6B 1L8

Invoice

Invoice Date	Invoice #
7/31/2007	283

Bill To

HOPPER PROJECT
Strategic Metals Ltd.

		BILLING PERIOD		
		JULY/07		
Budget Item	**Description**	**Qty/Hours**	**Rate**	**Amount**
NA-26 Truck Rental & Fuel	Trails North - Inv#12620		156.27	156.27T
NA-30 Non-AC Miscellaneous	Inte Graphics - Inv#78902		11.40	11.40T
NA-05 Excavator+Fuel	resale - fuel 400L @ $1.02		-408.00	-408.00T
NA-25 Shipping & Trucking	Air North - Inv#F21271364		13.25	13.25T
NA-02 Helicopter+Fuel	resale - fuel 200L @ $1.7269		-345.38	-345.38T
NA-25 Shipping & Trucking	Byers Transport - Inv#24673235-00		75.34	75.34T
NA-26 Truck Rental & Fuel	Trails North - Inv#12760		88.77	88.77T
NA-30 Non-AC Miscellaneous	L.Corbett - PC-Jul.27/07		1.05	1.05T
NA-30 Non-AC Miscellaneous	Inte Graphics - Inv#79192		7.12	7.12T
NA-26 Truck Rental & Fuel	Norcan Leasing - Inv#NOR-19635i3		77.26	77.26T
NA-26 Truck Rental & Fuel	Norcan Leasing - Inv#NOR-19636i3		77.26	77.26T
NA-24 Airfare & Transportation	JM visa - chq#3419		92.22	92.22T
NA-24 Airfare & Transportation	JM visa - chq#3419		138.33	138.33T
	Total Expenses			5,576.22
AC-01 Management Fee	Management Fee on Expenses		8.00%	446.10T
AC-01 Management Fee	Management Fee on Field Account - $20,057.58		1,604.61	1,604.61T
	Business Number: 100247667			
			Subtotal	**$19,020.31**
			GST	**$1,141.22**
			Total Payable	**$20,161.53**

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#1016 - 510 West Hastings Street
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Invoice

Invoice Date	Invoice #
9/30/2007	389

Bill To

HOPPER PROJECT
Strategic Metals Ltd.

		BILLING PERIOD		
Budget Item	**Description**	**Qty/Hours**	**Rate**	**Amount**
AC-11 AC House-Room & Board	AC House-Room & Board	6.00	120.00	720.00T
	FEES			
AC-07 Office work	J.Mariacher	1.25	70.00	87.50T
AC-07 Office work	J.Itkin	1.75	40.25	70.44T
AC-08 Senior Supervision	D.Eaton	5.00	100.00	500.00T
AC-05 Labour	S.Eaton	4.00	65.00	260.00T
AC-05 Labour	K.Jessen	34.00	60.00	2,040.00T
AC-05 Labour	D.Gregory	8.00	60.00	480.00T
AC-06 Expediting	L.Corbett	1.75	60.00	105.00T
	EXPENSES			
NA-25 Shipping & Trucking	Greyhound - Inv#3616070		281.97	281.97T
A-26 Truck Rental & Fuel	Norcan Leasing - Inv#NOR-19573		68.05	68.05T
NA-26 Truck Rental & Fuel	Norcan Leasing - Inv#NOR-19635		113.08	113.08T
NA-26 Truck Rental & Fuel	Norcan Leasing - Inv#NOR-22483		136.39	136.39T
NA-26 Truck Rental & Fuel	Norcan Leasing - Inv#NOR-19636i5		181.73	181.73T
NA-11 Airborne Geophysics	Geotech Ltd. - Inv#991078 & 991107		18,930.28	18,930.28T
	Total Expenses			19,711.50
AC-01 Management Fee	Management Fee on Expenses		8.00%	1,576.92T
	Business Number: 100247667			



Subtotal	**$25,551.36**
GST	**$1,533.08**
Total Payable	**$27,084.44**

Archer, Cathro & Associates
(1981) Limited
#1016 - 510 West Hastings Street
Vancouver, B.C.
V6B 1L8

Invoice

Invoice Date	Invoice #
10/31/2007	451

Bill To

HOPPER PROJECT
Strategic Metals Ltd.

		BILLING PERIOD		
		OCTOBER/07		
Budget Item	**Description**	**Qty/Hours**	**Rate**	**Amount**
AC-07 Office work	M.Dumala	1.00	80.00	80.00T
AC-08 Senior Supervision	D.Eaton	3.00	100.00	300.00T
AC-07 Office work	K.Jessen	13.00	60.00	780.00T
AC-07 Office work	S.Newman	0.50	34.00	17.00T
AC-07 Office work	J.Mariacher	1.00	70.00	70.00T
AC-07 Office work	J.Itkin	0.75	64.00	48.00T
AC-07 Office work	G.Walker	1.00	34.00	34.00T
AC-07 Office work	M.Gonzalvo	0.50	34.00	17.00T
	EXPENSES			
NA-24 Airfare & Transportation	JM visa - #3744		244.33	244.33T
NA-13 Claim Staking	JM visa - #3744		155.50	155.50T
NA-24 Airfare & Transportation	JM visa - #3744		145.52	145.52T
IA-25 Shipping & Trucking	Greyhound - Inv#3658335		8.64	8.64T
NA-05 Excavator+Fuel	North 60 Petro - Inv#1586648		-65.00	-65.00T
	Total Expenses			488.99
AC-01 Management Fee	Management Fee		8.00%	39.12T
	Business Number: 100247667			



Subtotal	**$1,874.11**
GST	**$112.45**
Total Payable	**$1,986.56**

CAPITAL HELICOPTERS (1995) INC.
Suite 3 - 25 Pilgrim Place, Whitehorse, YT Y1A 6E6
Phone: (867) 668-6200 Fax: (867) 668-6201
capitalheli@polarcom.com

Charter and Contract Service

INVOICE

NO 10247

DATE 22/06/2007

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Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

SHIP TO
Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT
	3	HRS	to Whse			1000.00	3000.00
	137	ltrs	fuel	G		1.32	180.84
			G - GST 6.00%				
			GST				190.85
			Capital Helicopters (1995) Inc. GST: #899587984				
			Thank You! Your Business Is Appreciated!			TOTAL	3,371.69

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Government of Yukon

CAPITAL HELICOPTERS (1995) INC.
Suite 3 - 25 Pilgrim Place, Whitehorse, Y.T. Y1A 6E6
Phone: (867) 668-6200 Fax: (867) 668-6201
capitalheli@polarcom.com



Charter and Contract Service

INVOICE

NO 10249

DATE 22/06/2007

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Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

SHIP TO
Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT
	2.7	hrs	YXY to Hooper camp to slins-fuel-shuttle 1 pax -YXY	G		1,000.00	2,700.00
	307.8	ltrs	fuel	G		1.32	406.30
							3106.30
			G - GST 6.00%				
			GST				186.38
			Capital Helicopters (1995) Inc. GST: #899587984				
			Thank You! Your Business Is Appreciated!			**TOTAL**	3,292.68



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Willow Printers, Whitehorse

CAPITAL HELICOPTERS (1995) INC.
Suite 3 - 25 Pilgrim Place, Whitehorse, Y.T. Y1A 6E6
Phone: (867) 668-6200 Fax: (867) 668-6201
capitalhel@polarcom.com



Charter and Contract Service

INVOICE

NO 10497

DATE 28/06/2007

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Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

SHIP TO
Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT
	2.7	hrs	YXY Hooper camp - s/o - sling - p/u - YXY	G		1,000.00	2,700.00
	307.8	ltrs	fuel	G		1.32	406.30
							3106.30
			G - GST 6.00%				
			GST				186.38

A/R
A Hooper

Capital Helicopters (1995) Inc. GST: #899587984

Thank You! Your Business Is Appreciated!

TOTAL 3,292.68

COMMENTS



Form # - 10 ht 10A Double Window Envelope
Willow Printers, Whitehorse

CAPITAL HELICOPTERS (1995) INC.
Suite 3 - 25 Pilgrim Place, Whitehorse, Y.T. Y1A 6E6
Phone: (867) 668-6200 Fax: (867) 668-6201
capitalheli@polarcom.com



Charter and Contract Service

INVOICE

NO 10592

DATE 22/06/2007

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Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

SHIP TO
Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT
	1.8	hrs	YXY to Hooper camp to ncy claim post p/u YXY	G		1,000.00	1,800.00
	205.2	ltrs	fuel	G		1.35	277.02
							2077.02
			G - GST 6.00%				
			GST				124.62
			YA				
			Hooper				
			Capital Helicopters (1995) Inc. GST: #899587984				
			Thank You! Your Business Is Appreciated!			TOTAL ▸	2,201.64



Form 1 - 10 to fit 3CA Double Window Envelope
Willow Printers Whitehorse

CAPITAL HELICOPTERS (1995) INC.
Suite 3 - 25 Pilgrim Place, Whitehorse, Y.T. Y1A 6E6
Phone: (867) 668-6200 Fax: (867) 668-6201
capitalheli@polarcom.com



Charter and Contract Service

INVOICE

NO. 10597

DATE 26/06/2007

SOLD TO
Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

SHIP TO
Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT
	182.4	ltrs	fuel	G		1.32	240.77
	1.6	hrs				1000.00	1600.00
			G - GST 6.00%				
			GST				110.45
			Capital Helicopters (1995) Inc. GST: #899587984				
			Thank You! Your Business Is Appreciated!			TOTAL	1,951.22



CAPITAL HELICOPTERS (1995) INC.

CHARTER AND CONTRACT SERVICE
#3 - 25 Pilgrim Pl. Whitehorse, Yukon Y1A 6E6
Phone: (867) 668-6200 Fax: (867) 668-6201
capitalheli@polarcom.com

FLIGHT TICKET
INVOICE № 10585

GST # R 899587984

CHARTERER: Archer Cathro	PILOT: Delmar Washington		DATE: Jun 5/07
Suite 1016, 50 West Hastings	SIGNATURE:		AIRCRAFT: C-AHF
Vancouver BC	CHEQUE	CASH / CHARGE	TYPE: B206
TELEPHONE	POSTAL CODE	PURCHASE ORDER NO.	BASE: Whitehorse

CUSTOMER FUEL	FLIGHT ITINERARY	PASS	TIME
239 LITRES FROM Customer Fuel	Whitehorse → Hopkins Lake Camp → moB Camp → Hopkins Lake Camp → Whitehorse		3.6
LITRES FROM			
CAPITAL FUEL			
171 LITRES FROM Whitehorse @ $ 1.32			
LITRES FROM @ $			
LITRES FROM @ $			

OTHER CHARGES	DESCRIPTION	AMOUNT

RATE PER HOUR $ 1000.00

PASSENGERS

PILOT EXPENSES	DESCRIPTION	AMOUNT

FLIGHT	$ 3600.00
FUEL	$ 225.72
~~OTHER~~	~~$ 382.72~~
GST	$ 229.54
TOTAL	$ 405526

AUTHORIZED BY (print)

SIGNATURE X Lorna C A Hopper A GT

GT

Willow Printers Ltd.

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CAPITAL HELICOPTERS (1995) INC.
Suite 3 - 25 Pilgrim Place, Whitehorse, Y.T. Y1A 6E6
Phone: (867) 668-6200 Fax: (867) 668-6201
capitalheli@polarcom.com

Charter and Contract Service

INVOICE

NO 10811

DATE 21/06/2007

PAGE 1 of 1

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Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

SHIP TO
Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT
	1.6	hrs	Fly 1 pax with food out to camp, 2 pax return	G		1,000.00	1,600.00
	182.0	ltrs	Fuel	G		1.32	240.24
							1840.24
			G - GST 6.00%				
			GST				110.41

Capital Helicopters (1995) Inc. GST: #899587984

Thank You! Your Business Is Appreciated!

TOTAL 1,950.65



Feed at ... to fit 30A Double Window Envelope

1531? YUKON INC
209-109 ELLIOTT ST
WHSE

[redacted] ARCHER CATHRO

DATE

SOLD TO HOPPER PROJECT

ADDRESS

SHIP TO

ADDRESS

SHIPPING DATE	VIA	TERMS	BUYER	SALESPERSON

167	HR	EX 200 HOE TIME	140	23,380
10	HR	OPERATOR TRAVEL	70	700
3	HR	STAND BY	70	210
180	x 2	-360 DEMOBE EXCAVATOR TO WHITEHORSE	3	1080
3.5	HR	OPERATOR TRAVEL	70	245
				25615.00 XY
		THANK YOU NA-05		
		889930582	GST	1536.90 XY
			PST	
			TOTAL	27,151.90 XY

SIGNATURE

SALES ORDER

44476

Blueline DC21

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JAN 2 5 2008
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WHITEHORSE, YT
Government of Yukon

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
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

INVOICE NUMBER 1569276

BILLING INFORMATION

Certificate: **VA07067530**
Sample Type: **Rock**
Account: **MTT**
Date: **12-JUL-2007**
Project: HOPPER
P.O. No.: YA
Quote:
Terms: **Net 30 Days** C1
Comments:

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	22.50	22.50
10	PREP-31	Crush, Split, Pulverize	4.50	45.00
15.08	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.45	6.79
10	ME-ICP41	35 Element Aqua Regia ICP-AES	4.50	45.00
10	GEO-AR01	Aqua regia digestion	2.25	22.50
10	Au-ICP21	Au 30g FA ICP-AES Finish	10.13	101.30



SUBTOTAL (CAD)	$	243.09
R100938885 GST	$	14.59
TOTAL PAYABLE (CAD)	**$**	**257.68**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
ALS Chemex
212 Brooksbank Avenue
North Vancouver BC V7J 2C1

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
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

INVOICE NUMBER 1563962

BILLING INFORMATION

Certificate: **VA07060638**
Sample Type: **Soil**
Account: **MTT**
Date: **25-JUN-2007**
Project: HOPPER
P.O. No.:
Quote:
Terms: **Net 30 Days** C1
Comments:

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
109	PREP-41	Dry, Sieve (180 um) Soil	0.94	102.46
34.66	PREP-41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	1.50	51.99
109	ME-ICP41	35 Element Aqua Regia ICP-AES	4.50	490.50
109	GEO-AR01	Aqua regia digestion	2.25	245.25
34.66	DRY-22	Weight Charge (kg) - Drying - Maximum Temp 60C	0.30	10.40
109	DRY-22	Drying - Maximum Temp 60C	1.50	163.50



SUBTOTAL (CAD)	$	1,064.10
R100938885 GST	$	63.85
TOTAL PAYABLE (CAD)	**$**	**1,127.95**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
ALS Chemex
212 Brooksbank Avenue
North Vancouver BC V7J 2C1

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

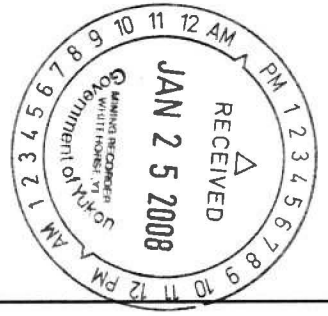
To: **STRATEGIC METALS LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

INVOICE NUMBER 1564790

BILLING INFORMATION

Certificate: **VA07064112**
Sample Type: **Soil**
Account: **MTT**
Date: **28-JUN-2007**
Project: A N Hopper
P.O. No.:
Quote:
Terms: **Net 30 Days** C1
Comments:

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
7	PREP-41	Dry, Sieve (180 um) Soil	0.94	6.58
3.04	PREP-41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	1.50	4.56
7	ME-ICP41	35 Element Aqua Regia ICP-AES	4.50	31.50
7	GEO-AR01	Aqua regia digestion	2.25	15.75



SUBTOTAL (CAD)	$	58.39
R100938885 GST	$	3.50
TOTAL PAYABLE (CAD)	**$**	**61.89**

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SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

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To: **STRATEGIC METALS LTD.**
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VANCOUVER BC V6B 1L8

INVOICE NUMBER 1563938

BILLING INFORMATION

Certificate:	**VA07060637**
Sample Type:	**Rock**
Account:	**MTT**
Date:	**2-JUL-2007**
Project:	HOPPER
P.O. No.:	
Quote:	
Terms:	**Net 30 Days** C1
Comments:	

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	22.50	22.50
34	PREP-31	Crush, Split, Pulverize	4.50	153.00
39.24	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.45	17.66
34	Au-ICP21	Au 30g FA ICP-AES Finish	10.13	344.42
34	Cu-AA46	Ore grade Cu - aqua regia/AA	3.00	102.00
34	ASY-AR01	Assay Aqua Regia Digestion	3.75	127.50
34	ME-ICP41	35 Element Aqua Regia ICP-AES	4.50	153.00
34	GEO-AR01	Aqua regia digestion	2.25	76.50



SUBTOTAL (CAD)	$	996.58
R100938885 GST	$	59.79
TOTAL PAYABLE (CAD)	**$**	**1,056.37**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

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To: **STRATEGIC METALS LTD.**
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VANCOUVER BC V6B 1L8

INVOICE NUMBER 1564793

BILLING INFORMATION

Certificate:	**VA07064111**
Sample Type:	**Rock**
Account:	**MTT**
Date:	**8-JUL-2007**
Project:	Hopper A
P.O. No.:	
Quote:	
Terms:	**Net 30 Days** C1
Comments:	

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	22.50	22.50
54	PREP-31	Crush, Split, Pulverize	4.50	243.00
167.08	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.45	75.19
54	ME-ICP41	35 Element Aqua Regia ICP-AES	4.50	243.00
54	GEO-AR01	Aqua regia digestion	2.25	121.50
54	Au-ICP21	Au 30g FA ICP-AES Finish	10.13	547.02



SUBTOTAL (CAD)	$	1,252.21
R100938885 GST	$	75.13
TOTAL PAYABLE (CAD)	**$**	**1,327.34**

To: **STRATEGIC METALS LTD.**
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Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

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To: **STRATEGIC METALS LTD.**
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INVOICE NUMBER 1569289

BILLING INFORMATION

Certificate:	**VA07067209**
Sample Type:	**Soil**
Account:	**MTT**
Date:	**7-JUL-2007**
Project:	HOPPER A 4h
P.O. No.:	
Quote:	
Terms:	**Net 30 Days** C1
Comments:	

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
24	PREP-41	Dry, Sieve (180 um) Soil	0.94	22.56
12.88	PREP-41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	1.50	19.32
24	ME-ICP41	35 Element Aqua Regia ICP-AES	4.50	108.00
24	GEO-AR01	Aqua regia digestion	2.25	54.00



SUBTOTAL (CAD)	$	203.88
R100938885 GST	$	12.23
TOTAL PAYABLE (CAD)	**$**	**216.11**

To: **STRATEGIC METALS LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

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

INVOICE NUMBER 1576283

BILLING INFORMATION

Certificate: **VA07074017**
Sample Type: **Rock**
Account: **MTT**
Date: **1-AUG-2007**
Project: HOPPER
P.O. No.:
Quote:
Terms: **Net 30 Days** C1
Comments:

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
70	PREP-31	Crush, Split, Pulverize	4.50	315.00
72.32	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.45	32.54
70	ME-ICP41	35 Element Aqua Regia ICP-AES	4.50	315.00
2	ME-OG46	Ore Grade Elements - AquaRegia	1.50	3.00
2	Cu-OG46	Ore Grade Cu - Aqua Regia	1.50	3.00
70	GEO-AR01	Aqua regia digestion	2.25	157.50
2	ASY-AR01	Assay Aqua Regia Digestion	3.75	7.50
70	Au-ICP21	Au 30g FA ICP-AES Finish	10.13	709.10



SUBTOTAL (CAD)	$	1,542.64
R100938885 GST	$	92.56
TOTAL PAYABLE (CAD)	**$**	**1,635.20**

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

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Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

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