ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 – 510 West Hastings Street
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ASSESSMENT REPORT

describing

AIRBORNE GEOPHYSICAL SURVEYS AND DIAMOND DRILLING

at the

MAGNUM PROPERTY

Magnum 1-46	YC28867-YC28912
47-70	YC36154-YC36177

Latitude 64°26'N; Longitude 140°32'W
NTS 116C/7

in the

Dawson Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

KLONDIKE SILVER CORP.
and
STRATEGIC METALS LTD.

by

Martin W. Núñez, B.Sc. Geology
and
William A. Wengzynowski, P.Eng.

December 2006

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INTRODUCTION

The Magnum property is a volcanogenic massive sulphide (VMS) prospect that is owned by Strategic Metals Ltd. and is under option to Klondike Silver Corp.

This report describes results of helicopter-borne VTEM and magnetic surveys, limited prospecting and soil sampling, and 368.81m of diamond drilling in two holes. The geophysical surveys were conducted in July 2006 by Geotech Ltd. from a temporary base in Dawson City. Drilling, prospecting and soil sampling were conducted from a tent camp on the property with helicopter support. The crew mobilized to the property on August 21, 2006 to prepare for the drill's arrival on September 6. Drilling was completed on September 16 and the camp was demobilized on September 23. The work was conducted under the provisions of Class III land use permit LQ00155. The programs were funded by Klondike Silver and were managed by Archer, Cathro & Associates (1981) Limited. The senior author supervised the program while the junior author participated in it. Their Statements of Qualifications appear in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Magnum property consists of 70 contiguous mineral claims located in western Yukon at latitude 64°26'N and longitude 140°32'W on NTS 116C/7 (Figure 1). The claims are registered with the Dawson Mining Recorder in the name of Archer Cathro which holds them in trust for Strategic Metals. Claim registration data are listed below while the locations of individual claims are shown on Figure 2.

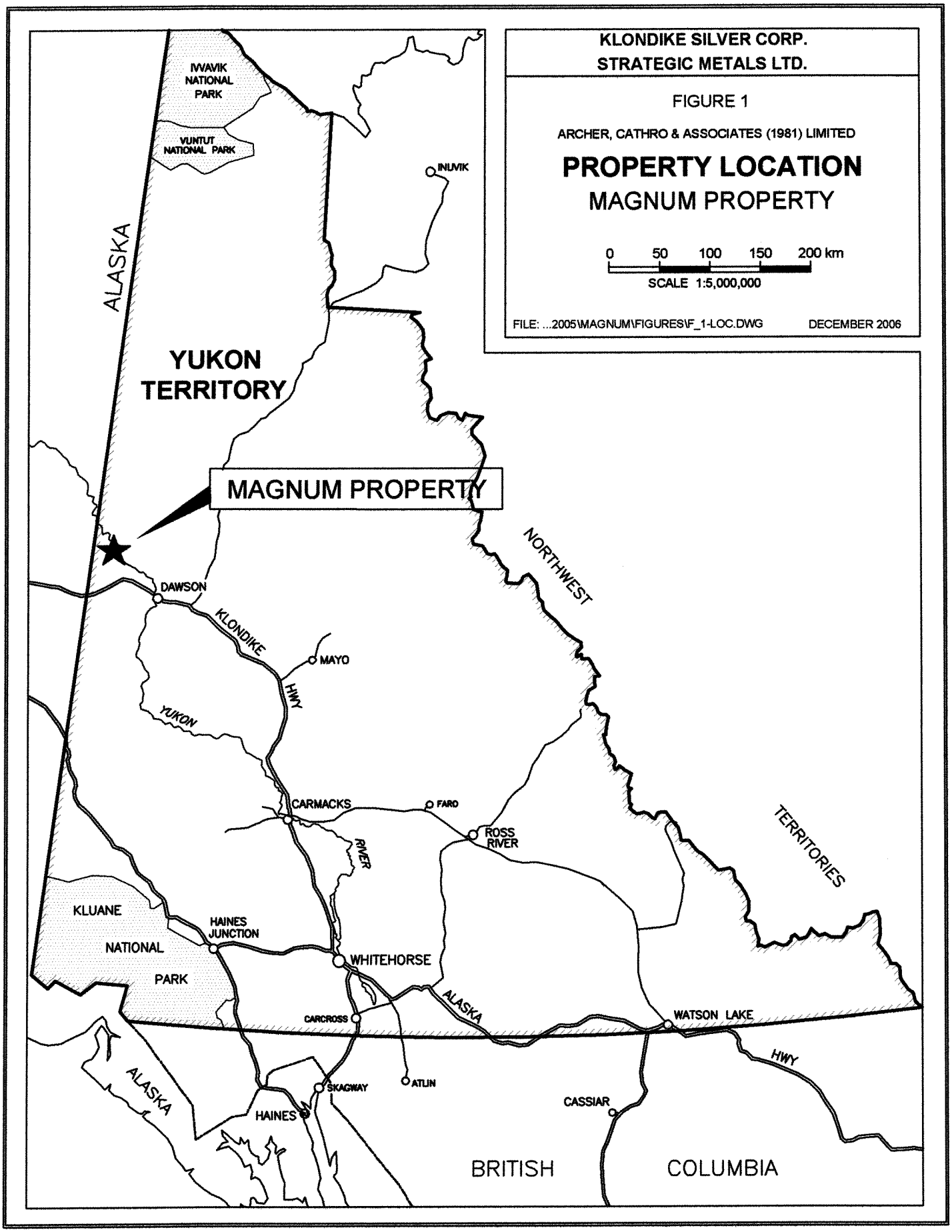
Claim Number	Grant Number	Expiry Date*
Magnum 1-46	YC28867-YC28912	March 24, 2013
47-70	YC36154-YC36177	March 24, 2013

* Expiry dates include 2006 work which has been filed for assessment credit but not yet accepted

The claims are situated about 60 km by air northwest of Dawson City. The southern edge of the claim block adjoins the abandoned townsite of Fortymile, which can be reached via a haulage road that serviced the former Clinton Creek Mine, located about 5 km west of the Magnum property. The Clinton Creek road branches off the Top of the World Highway which extends west from Dawson City into Alaska. The road is typically open from late spring to late fall. Helicopters transported the crew and the equipment from a staging area at Fortymile to the drill and camp area located about 3 km to the north. A Bell 206B based in Dawson City was used to mobilize and demobilize the camp while a Hughes 500D was on site to move the drill and make crew changes. Both helicopters were contracted from Fireweed Helicopters of Whitehorse.

HISTORY

Exploration and mining activities were initiated in the Fortymile River area in 1886 following discovery of placer gold. Within a year 14,000 ounces of gold had been mined and the historic town of Fortymile was established at the confluence of the Fortymile and Yukon Rivers. Lode


KLONDIKE SILVER CORP.
STRATEGIC METALS LTD.
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
MAGNUM PROPERTY
0 50 100 150 200 km
SCALE 1:5,000,000
FILE: ...2005\MAGNUM\FIGURES\F_1-LOC.DWG
DECEMBER 2006
IVVAVIK NATIONAL PARK
VUNTUT NATIONAL PARK
INUVIK
ALASKA
YUKON TERRITORY
MAGNUM PROPERTY
DAWSON
KLONDIKE HWY
MAYO
YUKON
NORTHWEST TERRITORIES
CARMACKS
FARO
ROSS RIVER
RIVER
KLUANE NATIONAL PARK
HAINES JUNCTION
WHITEHORSE
CARCROSS
ALASKA
WATSON LAKE
HWY
ALASKA
SKAGWAY
ATLIN
HAINES
CASSIAR
BRITISH COLUMBIA

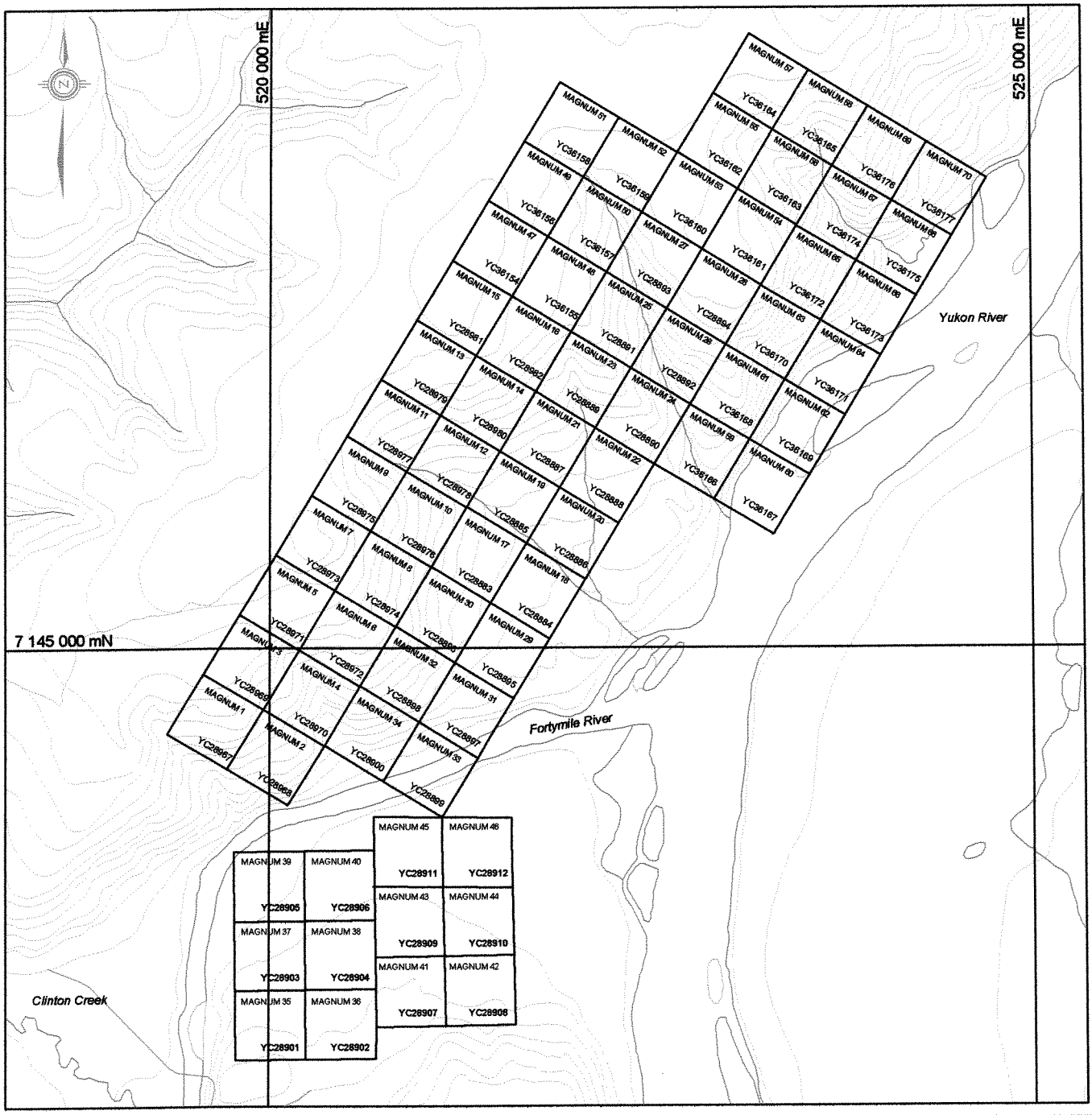


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FIGURE 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATION

MAGNUM PROPERTY

0 500 1000 1500m 2000m

UTM Zone 7, NAD83

FILE: .../F2MagnumClaim.DWG | DATE: DECEMBER 2006

gold exploration from the turn of the century to present has been sporadic and is poorly documented. Lead-silver mineralization was discovered by placer miners in two shafts dug about 1 km west of the Fortymile townsite in 1887. A representative sample taken in 1979 from an old dump next to one of the shafts assayed 96 g/t silver, 3.4 g/t gold, 5.7% lead, 3.4% zinc and 0.3% copper.

Asbestos was noted in the Fortymile area by placer miners prior to 1887 but the first asbestos showing was not staked until 1957. Subsequent exploration led to the discovery of the Clinton Creek Deposit in 1963. The mine operated until 1978 when it was shut down and all assets were disposed of to the public.

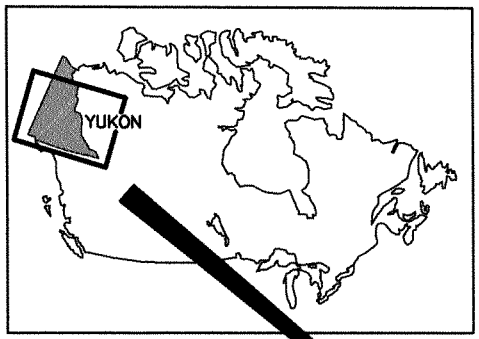
The most recent and comprehensive lode gold exploration program conducted in the area was performed in 1988 by Homestake Mining Company. It consisted of geological mapping, prospecting and soil geochemical sampling from the Yukon River 10 km up the Fortymile River (McIvor, 1988).

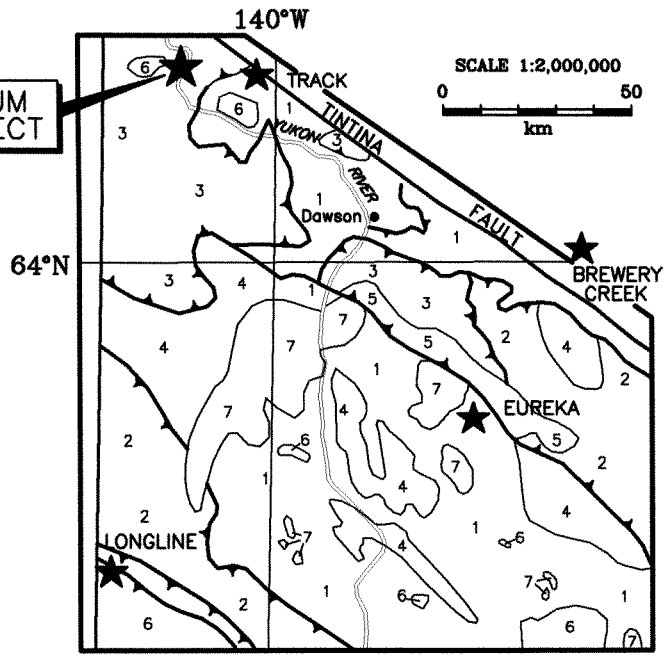
During spring 2000, Eureka Joint Venture (EJV) spent seven days following up a VMS prospect which was described in an assessment report (McIvor, 1988). Situated near the confluence of the Fortymile and Yukon Rivers, the prospect (Magnum zone) was reported to be a poorly exposed section of iron formation containing semi-massive magnetite interbedded with thin sucrosic quartz bands and highly weathered pyritic carbonate lenses. Exploration conducted by EJV consisted of mapping, prospecting and contour sampling by a two person crew. This work showed that the general stratigraphic section and Magnum zone in particular are similar to units observed amongst VMS deposits located in the Finlayson Lake District (Wengzynowski, 2001).

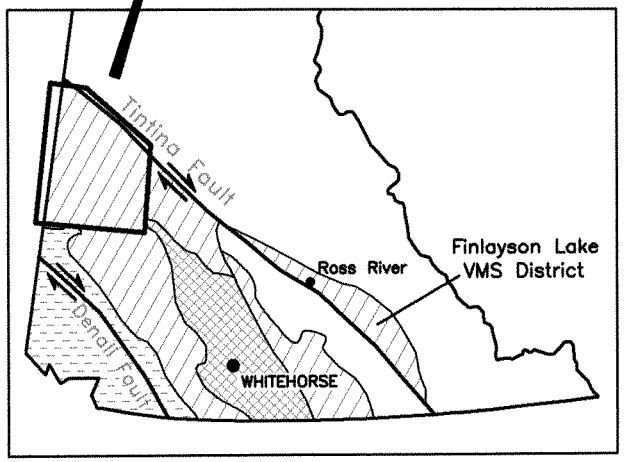
The current property was staked by Strategic Metals in 2003 to cover the Magnum zone. In March 2006, Strategic Metals contracted Aurora Geosciences Ltd. to perform ground magnetic and very low frequency (VLF) surveys before optioning the property to Klondike Silver. The magnetic surveys identified the magnetite bearing stratum and successfully traced it into adjacent overburden covered areas. VLF response in the vicinity of the Fortymile shaft was very subdued (Eaton, 2006).

REGIONAL GEOLOGY, MINERALIZATION AND GEOPHYSICS

The Magnum property lies about 5 km southwest of the Tintina Fault (Figure 3). It is largely underlain by Paleozoic metavolcanic and metasedimentary rocks of the Nasina Assemblage with rare exposures of ultramafic rocks, as mapped by Green and Roddick (1961). The host stratigraphy is part of Yukon-Tanana Terrane (YTT), an island arc assemblage that was accreted to North America during early Mesozoic times. This package is cut by the Tintina Fault, a large transcurrent structure that produced 450 km of dextral offset in the Late Cretaceous and Lower Tertiary. The offset equivalent of the Magnum property rocks is in the Finlayson Lake District. There are 17 VMS occurrences documented in the vicinity of the Magnum property, the majority of which are contained within a northwest trending belt 150 km long by 60 km wide (Figure 4). Most of these occurrences have only received grassroots level exploration consisting of mapping, prospecting and minor soil geochemical surveys. Where dated, the mineralization in these







7 Late Cretaceous volcanic and sedimentary rocks

6 Mid–or Late Cretaceous plutonic rocks

Yukon–Tanana Terrane Metaplutonic rocks

5 Permian Orthogneiss

4 Devono–Mississippian Augen Orthogneiss

Yukon–Tanana Terrane Paleozoic Metasedimentary and Metavolcanic rocks

3 Assemblage 3

2 Assemblage 2

1 Assemblage 1

Coastal and Insular Belts

Intermontane Belt

Yukon–Tanana Terrane and Slide Mountain Terrane

Ancestral North America including Cassiar Terrane

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FIGURE 3
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL GEOLOGY
MAGNUM PROPERTY

FILE: ..\F3Regional_Geo.DWG | DATE: DECEMBER 2006

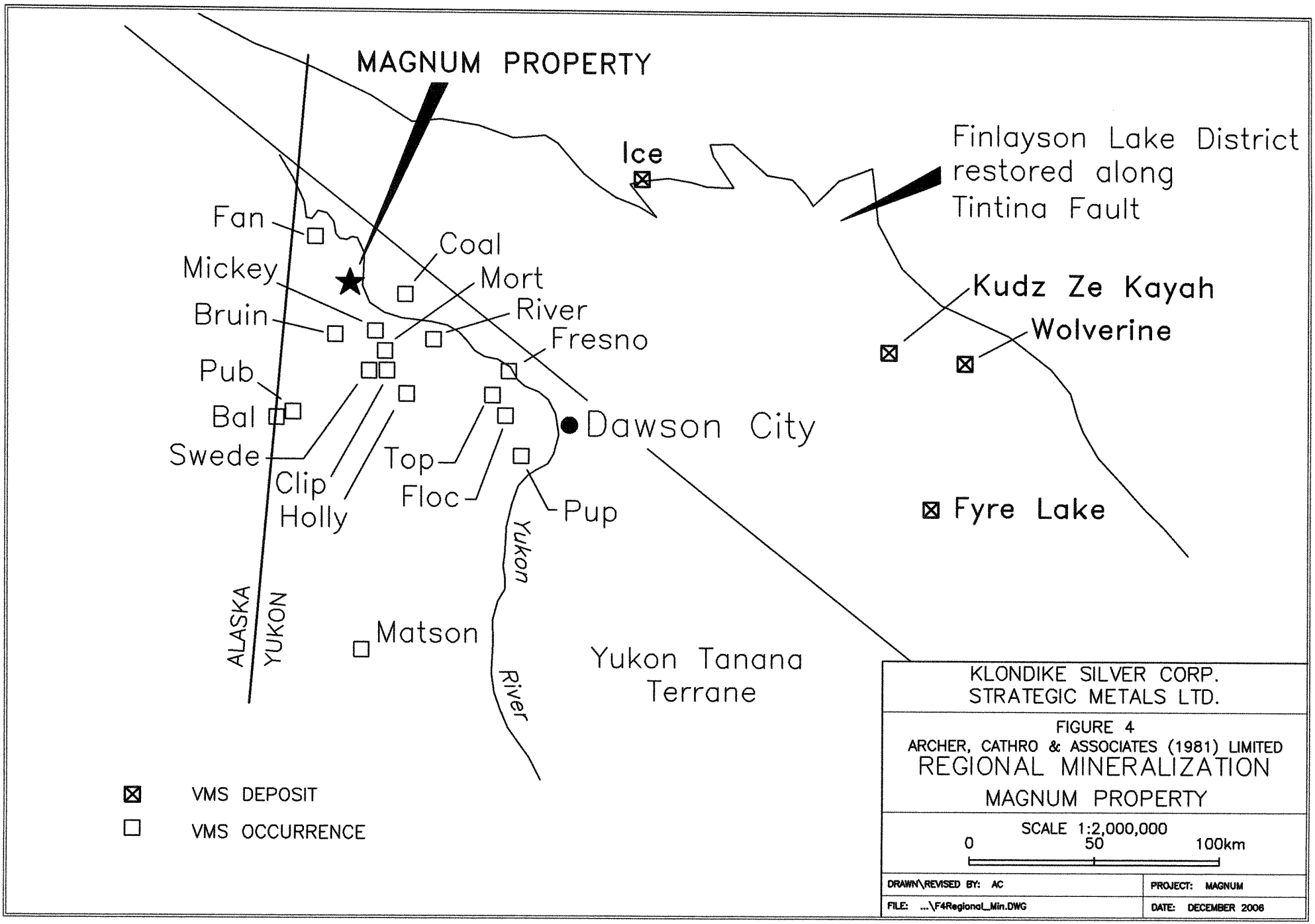
MAGNUM PROPERTY
Ice
Finlayson Lake District
restored along
Tintina Fault
Fan
Coal
Mickey
Mort
Bruin
River
Fresno
Kudz Ze Kayah
Wolverine
Pub
Bal
Swede
Clip
Holly
Top
Floc
Pup
Dawson City
Fyre Lake
Yukon
ALASKA
YUKON
Matson
Yukon Tanana
Terrane
River
VMS DEPOSIT
VMS OCCURRENCE
KLONDIKE SILVER CORP.
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FIGURE 4
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
REGIONAL MINERALIZATION
MAGNUM PROPERTY
SCALE 1:2,000,000
0
50
100km
DRAWN\REVISED BY: AC
PROJECT: MAGNUM
FILE: ...\F4Regional_Min.DWG
DATE: DECEMBER 2006

occurrences is Mississippian and is approximately coeval with VMS deposits in the Finlayson Lake District.

Regional airborne magnetic surveys in the vicinity of the Magnum property outlined a positive arcuate magnetic anomaly about 20 km in length, which coincides with ultramafic bodies near the abandoned Clinton Creek Mine. Two low intensity "bull's-eye" anomalies are located near the Magnum zone. These anomalies were on separate flight lines and could represent a continuous anomaly that was bisected by contour bias.

PROPERTY GEOLOGY

Local mapping has recognized a thick section of felsic to intermediate volcanic stratigraphy (dominantly sericite schist) interbedded with grey black phyllite and limestone (Figure 5). The Magnum zone consists of a 5 to 20 m thick section of iron formation within the felsic volcanic stratigraphy. It has been traced in outcrop and float over a 1600 m strike length and appears to comprise a continuous horizon situated about 70 m below the contact between YTT strata and overlying andesite. The zone consists of three primary mineral showings designated MZ1, MZ2 and MZ3 (Figure 6). Each showing is composed of semi massive to massive magnetite with varying amounts of carbonate, barite, coarse cubic pyrite and limonite after pyrite. Both the YTT strata and andesites have been intruded by ultramafic bodies.

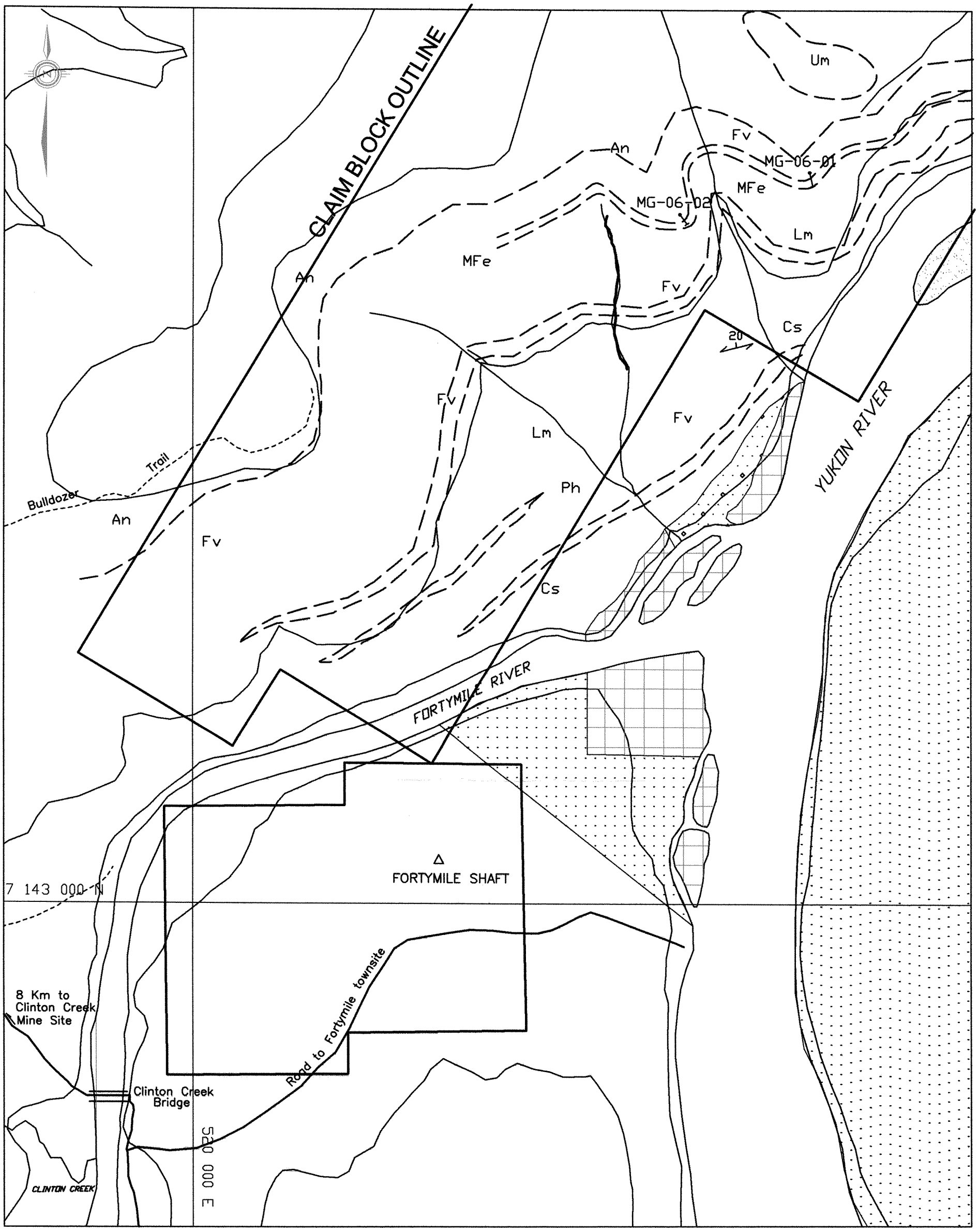
Stratigraphy is well foliated parallel to original bedding. Foliation orientations exhibit variable strikes and relatively gentle dips between 10 and 25° to the west. Although large scale folds and faults are not documented, local folding is marked by crenulation cleavage and boudinaged quartz sweats. Small faults and fractures are often filled with quartz veins and veinlets that are weakly mineralized with coarse disseminated pyrite.

GEOPHYSICAL SURVEYS

Airborne Versatile Time-Domain Electromagnetic survey VTEM and total field magnetic surveys were conducted at the Magnum property by Geotech Ltd. in July 2006. A report describing methodology and results of the surveys appears in Appendix II. Maps of total field magnetics and VTEM conductors also appear in Appendix II.

Three prominent magnetic anomalies outlined in the northern portion of the property are attributed to ultramafic bodies. A string of weaker magnetic anomalies is located about 500 m southeast of the ultramafic bodies. These anomalies correspond with exposures of the Magnum zone as confirmed by field mapping and ground magnetic surveys.

The raw VTEM data identified two significant stratiform conductors beneath the Magnum zone. The stronger of the two conductors is located 500 m east of MG-06-01 and lies between 30 and 120 m vertically below the trace of the Magnum zone. The conductor is roughly 700 m long and basically follows the west bank of the Yukon River. The other conductor is located 500 m west of MG-06-02 and lies approximately 50 m vertically beneath the trace of the Magnum zone. The core of the anomaly is roughly 600 m long. The VTEM data have not yet been interpreted by



Um Ultramafic

An Andesite

Fv Felsic volcanic

MFe Magnum zone

Lm Limestone

Ph Phyllite

Cs Chlorite schist

20 Foliation orientation

Geologic contact, inferred

DDH Location

R Block-Type A

R Block-Type B

Privy Council

S Block-Type B

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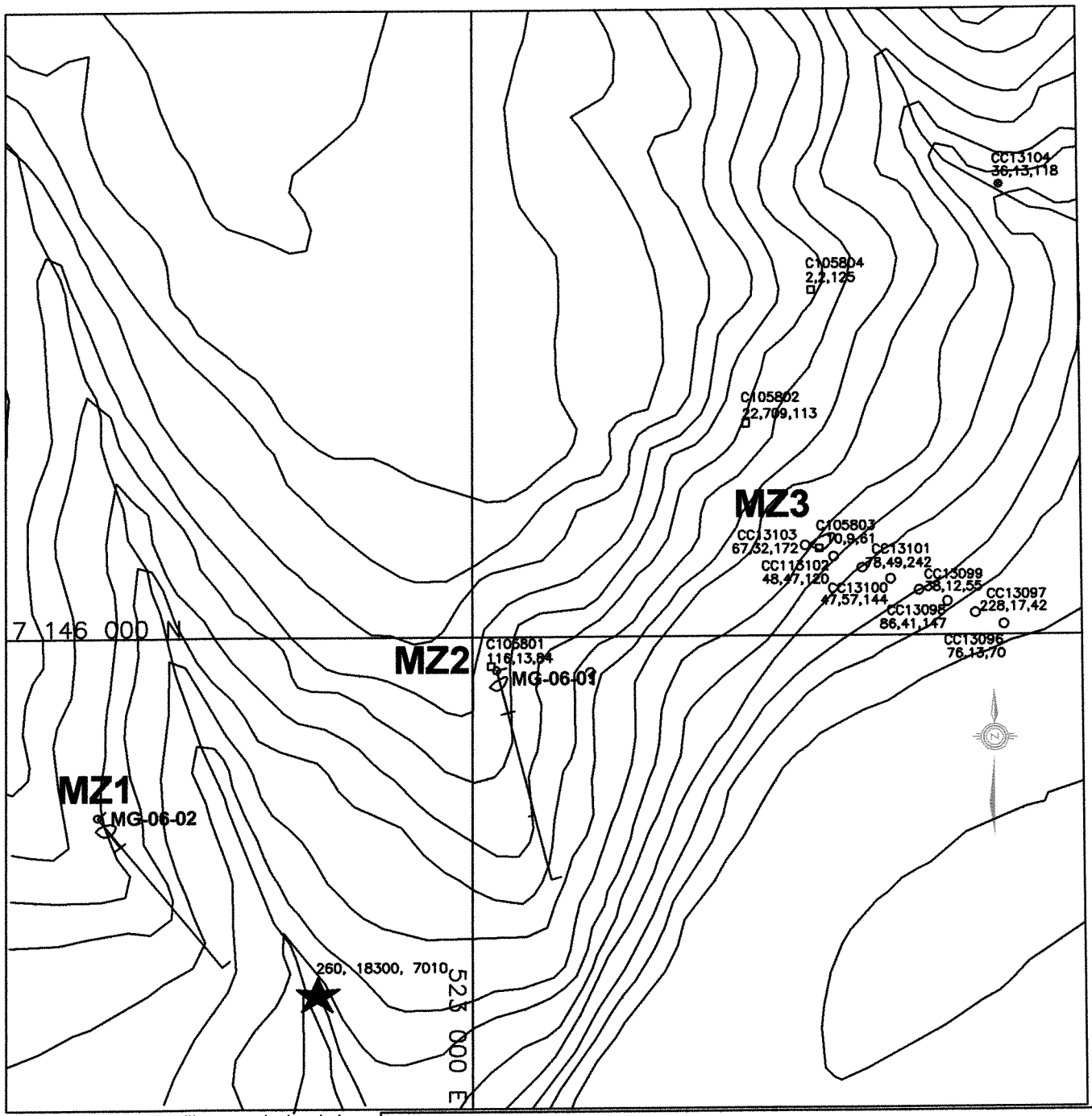
FIGURE 5
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY GEOLOGY AND DDH LOCATIONS
MAGNUM PROPERTY

SCALE 1:20,000
0 100 200 300 400 500m

DRAFTED BY: MWN, WAW	PROJECT: MAGNUM
FILE: ...MAGNUM\ACAD06\MA20-GEO-06.DWG	DATE: DECEMBER 2006



○ 44,30,172 Soil sample with copper, lead and zinc values

⊛ 27,18,108 Stream sediment sample location with copper, lead and zinc values

□ 554,46,1335 Rock sample with copper, lead and zinc values

All values in ppm

Diamond drill hole

Significant rock sample (2000 program)

Location of drill hole sections

MZ1 ○ Magnum zone mineral showing

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FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

2006 SAMPLE LOCATIONS

MAGNUM PROPERTY

SCALE 1:1000

0 100 200 300 400 500m

DRAWN / REVISED BY: MWN	PROJECT: MAGNUM
FILE: ...MAGNUM/ACAD06/MG-SL-06.dwg	DATE: DECEMBER 2006

Geotech Ltd. and neither conductor has been explained by mapping, prospecting or diamond drilling.

PROSPECTING AND SOIL GEOCHEMISTRY

Cursory prospecting as well as soil and stream sediment sampling were conducted near the Magnum zone in 2006. Soil and stream sediment samples were sent to ALS Chemex Labs in North Vancouver where they were dried and sieved to -80 mesh, dissolved in standard nitric-aqua regia leach and analyzed for 34 elements using the Inductively Coupled Plasma technique (ME-ICP41). Rock samples were crushed to -150 mesh and were similarly analyzed for 34 elements. Certificates of Analysis are contained in Appendix III. Sample locations and geochemical results are shown on Figure 6.

Eight soil samples were taken in the vicinity of MZ3 on a section aligned perpendicular to stratigraphy and topography. One reconnaissance stream sediment sample was taken 620 m to the northeast of MZ3 immediately upstream from an area of iron precipitate. Four rock samples were taken from various parts of the property.

Soil geochemical response was highest adjacent to MZ3 and towards the eastern end of the section line. Five of eight soil samples returned copper values greater than 50 ppm, the most anomalous of which returned 228 ppm. Lead and zinc values were all below 60 ppm and 250 ppm, respectively. The stream sediment sample returned background values for all metals.

Rock geochemical response was weak for copper, lead, and zinc. The most anomalous sample returned a lead value of 709 ppm from a limonitic specimen (protolith unknown) and was taken 210 m north along strike from MZ3.

DIAMOND DRILLING

General

Drilling was conducted between September 6 and 16 and was contracted to Full Force Drilling Ltd. of Peachland, B.C. The work was done with a custom built, helicopter portable, diesel powered drill using NTW equipment. Two holes spaced 700 m apart and totalling 368.81 m were drilled from hand made pads located immediately uphill from MZ1 and MZ2 (Figure 5). These holes were designed to compare the stratigraphy of the Magnum property to that found at VMS deposits in the Finlayson Lake District. Drill hole data are shown in Table I.

Table I - Drill Hole Data

Hole	Easting	Northing	Elevation	Azimuth	Angle	Depth (m)
MG-06-01	0523040	7146945	1892	165°	-70°	208.79
MG-06-02	0522386	7146705	1739	142°	-70°	160.02

The drill core was stacked at the drill sites until September 16 when it was flown from the property to the Fortymile staging area. The core was subsequently transported to the Archer

Cathro exploration office in Whitehorse by truck, escorted by a representative of Archer Cathro. Recovery was measured and the core was then geologically and geotechnically logged. Lithologically and mineralogically favourable intervals from each hole were split with one-half bagged and sent for analysis, and the other half returned to the core box. The core boxes are now stored at the H.S. Bostock Core Library in Whitehorse. Appendix IV contains the geological and geotechnical logs, while the synoptic logs are contained in Appendix V.

Core samples were shipped to ALS Chemex in North Vancouver where they were dried and crushed to 70% minus 2 mm, before a 250 g split was taken and pulverized to better than 85% minus 75 microns. A split of the pulverized fraction was dissolved in aqua regia and analyzed for 34 elements using ME-ICP41. Certificates of Analysis are found in Appendix III.

Results

Figure 7 illustrates an idealized stratigraphic section extrapolated between the two drill holes. The section is interpreted as a cyclical sequence of felsic to intermediate volcanism, followed by a period of quiescent marine sedimentation and another predominately felsic volcanic sequence. Both volcanic series include magnetite/hematite horizons believed to comprise the Magnum zone.

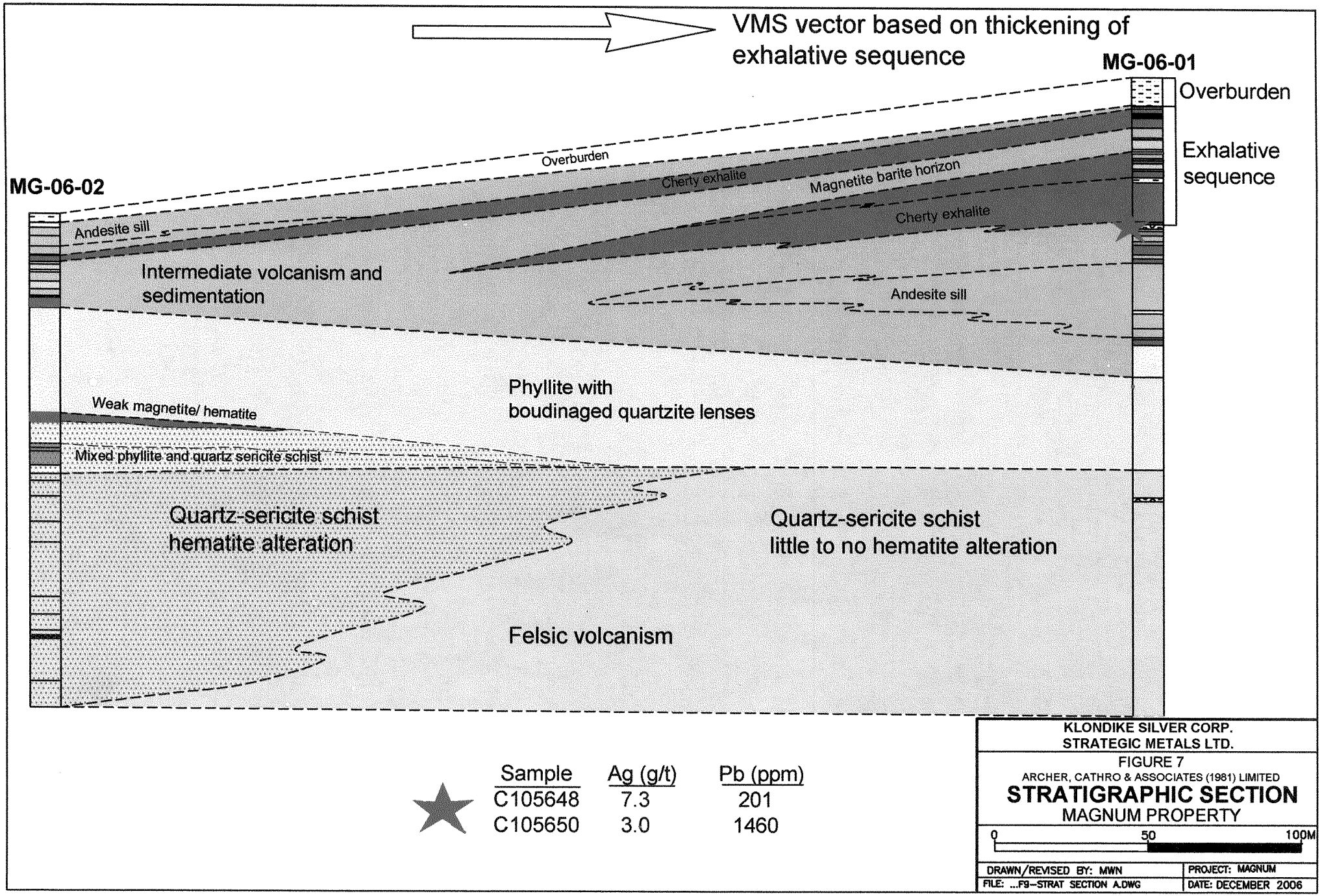
Each of the holes bottomed in a package of sericite schist that is at least 75 m thick. The package is overlain by 30 to 55 m of phyllite with weakly graphitic laminae and heavily boudinaged quartzite lenses.

In MG-06-01, the more northerly hole, the phyllite is overlain by about 51 m of interbedded schists and phyllites and includes a 23.75 m exhalative sequence. The exhalative is comprised of interlayered quartz-muscovite schist and grey chert surrounding 8.31 m of iron formation. The iron formation consists of thinly laminated magnetite, carbonate, barite and limonite after pyrite. Its occurrence corresponds with the MZ2 showing on surface (Figure 8).

In MG-06-02 the upper volcanic sequence consists of thinly interbedded muscovite schist, andesite and minor cherty exhalite. No comparative iron formation was encountered (Figure 9).

Strata immediately below the exhalative sequence in MG-06-01 are geochemically enriched with respect to lead, silver and zinc. The most anomalous results came from samples collected within and adjacent to a 1.4 m thick layer of heavily sheared muscovite-limonite schist. Silver and zinc assays returned values one order of magnitude above background, while lead assayed two orders of magnitude above average response. Peak values were 7.3 g/t silver, 917 ppm zinc, and 1460 ppm lead. Geochemical response in MG-06-02 was low and did not produce any anomalous results.

All felsic volcanic rocks in both holes are sericitically altered with the strongest alteration occurring in the footwall to the exhalative sequence. In MG-06-02 footwall felsic volcanic rocks and phyllites are overprinted by hematite.



Sample	Ag (g/t)	Pb (ppm)
C105648	7.3	201
C105650	3.0	1460

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FIGURE 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

STRATIGRAPHIC SECTION

MAGNUM PROPERTY

0 50 100M

DRAWN/REVISED BY: MWN	PROJECT: MAGNUM
FILE: ...F9--STRAT SECTION A.DWG	DATE: DECEMBER 2006

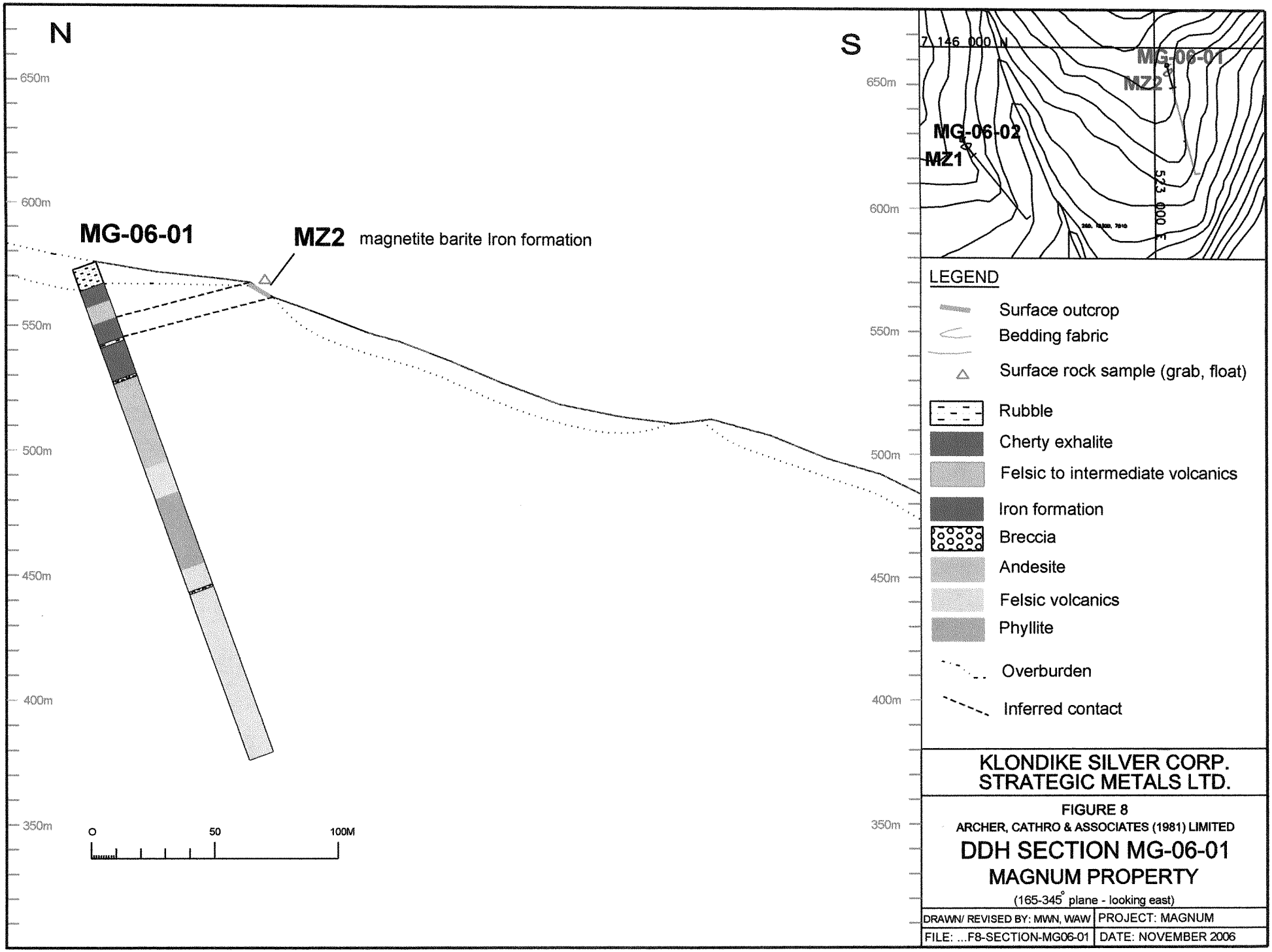

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FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH SECTION MG-06-01

MAGNUM PROPERTY

(165-345° plane - looking east)

DRAWN/ REVISED BY: MWN, WAW	PROJECT: MAGNUM
FILE: ...F8-SECTION-MG06-01	DATE: NOVEMBER 2006

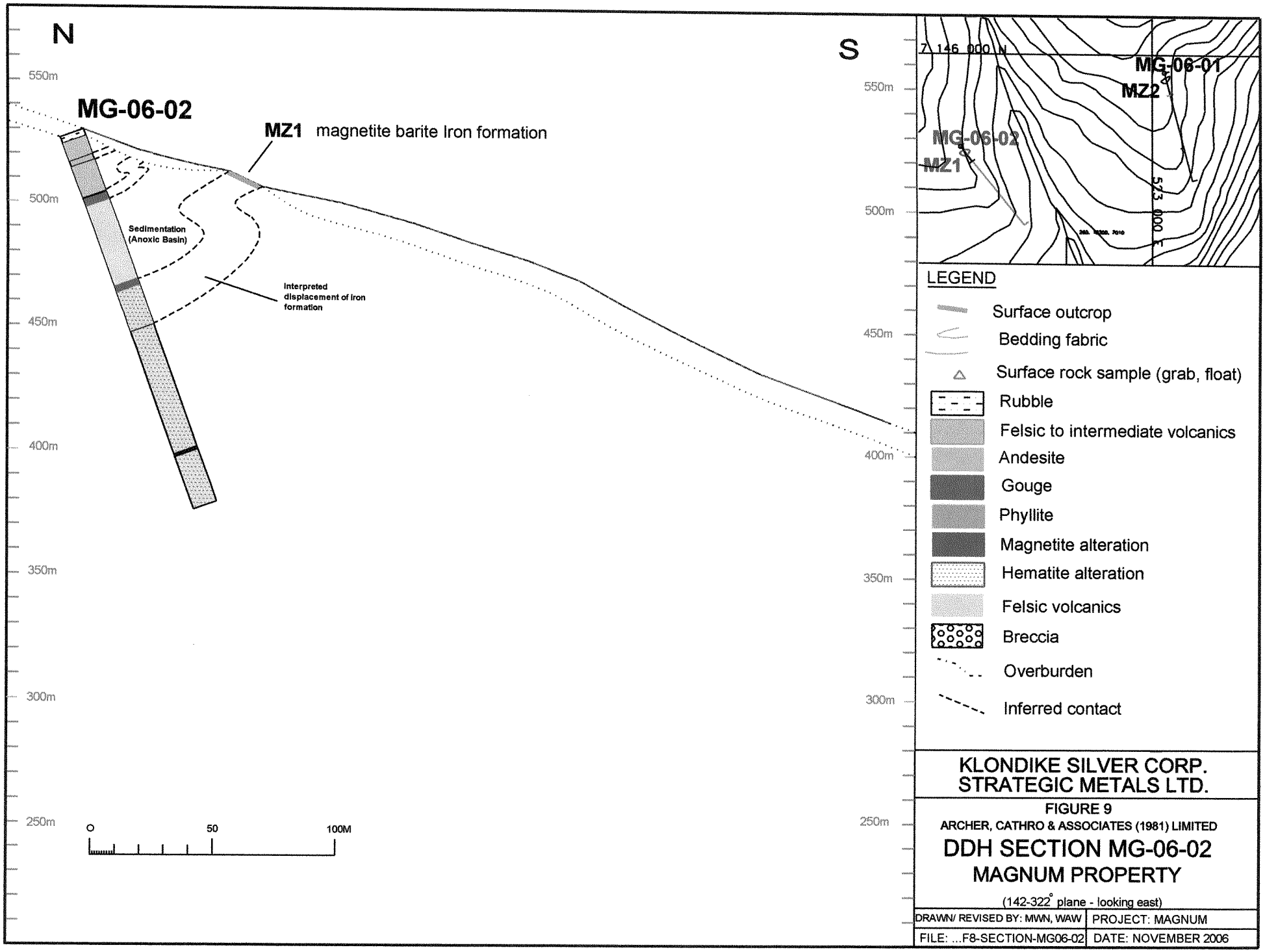

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FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH SECTION MG-06-02
MAGNUM PROPERTY

(142-322° plane - looking east)

DRAWN/ REVISED BY: MWN, WAW	PROJECT: MAGNUM
FILE: ...F8-SECTION-MG06-02	DATE: NOVEMBER 2006

No VMS mineralization was observed in either hole. Apart from the iron formation the only mineralization encountered consisted of weakly disseminated flecks and occasional coarse cubic pyrite associated with quartz veinlets.

DEPOSIT MODEL

YTT hosts numerous VMS type occurrences, but the best known and most advanced deposits are all located in the Finlayson Lake District on the northeast side of the Tintina Fault (Figure 4).

VMS deposits world wide are segregated into three main groups: 1) Kuroko type, 2) Besshi type, and 3) Cyprus type. The groupings are based on characteristic metal assemblages, host lithologies and tectonic setting. Although all three types of VMS deposits have been discovered within YTT, Kuroko type are the most likely to occur on the Magnum property.

Kuroko type VMS deposits are temporally and spatially related to periods of explosive submarine felsic volcanism, commonly occurring near the end of a major pulse of volcanic activity. Characteristically, the mineralization occurs in one or more lenses associated with felsic volcanic rocks in a calc-alkaline bimodal island arc assemblage. The ore horizons contain copper, lead, zinc, silver and gold and often grade laterally or vertically into chert or sedimentary layers informally called exhalite. The exhalites can comprise a combination of barite, gypsum, anhydrite or carbonate. "Ore" lenses consist of sulphide minerals and are often stacked with "black ore" containing pyrite, sphalerite, galena, chalcopyrite, pyrrhotite, tetrahedrite, bornite and arsenopyrite, overlying "yellow ore" with pyrite chalcopyrite, sphalerite, pyrrhotite and magnetite. The "ore" lenses are usually underlain by stockwork or vein mineralization in quartz, sericite or chlorite altered footwall rocks (Höy, 1995).

DISCUSSION AND CONCLUSIONS

Regional and property scale geological mapping indicates the Magnum property is located in a favourable VMS environment. This is further supported by results from VTEM surveys, magnetic surveys and diamond drilling.

Host lithologies adhere to the model for Kuroko type VMS deposits, with a cyclical sequence of felsic island arc volcanic rocks interlayered with marine sediments. Exploration to date has not discovered ore lenses but has identified what appears to be a distal exhalite horizon. Stratigraphic correlation and geochemical indicators suggest that a volcanic centre may lie to the northeast of MZ2.

Continued exploration is definitely warranted. The next stage of exploration should consist of detailed evaluation of VTEM results in light of recently obtained drill data. Downhole electromagnetic surveys should be considered, followed by a three hole drill program that will vector towards the volcanic centre.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Martin W. Núñez, B.Sc. Geology

William A. Wengzynowski, P.Eng.

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APPENDIX I

STATEMENTS OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Martin W. Núñez, geologist, with business address in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Vancouver, British Columbia, hereby declare that:

1. I graduated from the University of British Columbia in 2006 with a B.Sc. majoring in Geological Sciences.

2. From 2004 to present, I have been actively engaged in mineral exploration in Yukon Territory with Archer, Cathro & Associates (1981) Limited.

3. I have personally participated in the field work reported herein.

Martin W. Núñez, B.Sc. Geology

STATEMENT OF QUALIFICATIONS

I, William A. Wengzynowski, geological engineer, with business addresses in Vancouver, British Columbia and Whitehorse, Yukon Territory and residential address in North Vancouver, British Columbia, do hereby certify that:

1. I am President of Archer, Cathro & Associates (1981) Limited.

2. I graduated from the University of British Columbia in 1993 with a B.A.Sc in Geological Engineering, Option l, mineral and fuel exploration.

3. I registered as a Professional Engineer in the Province of British Columbia on December 12, 1998 (Licence Number 24119).

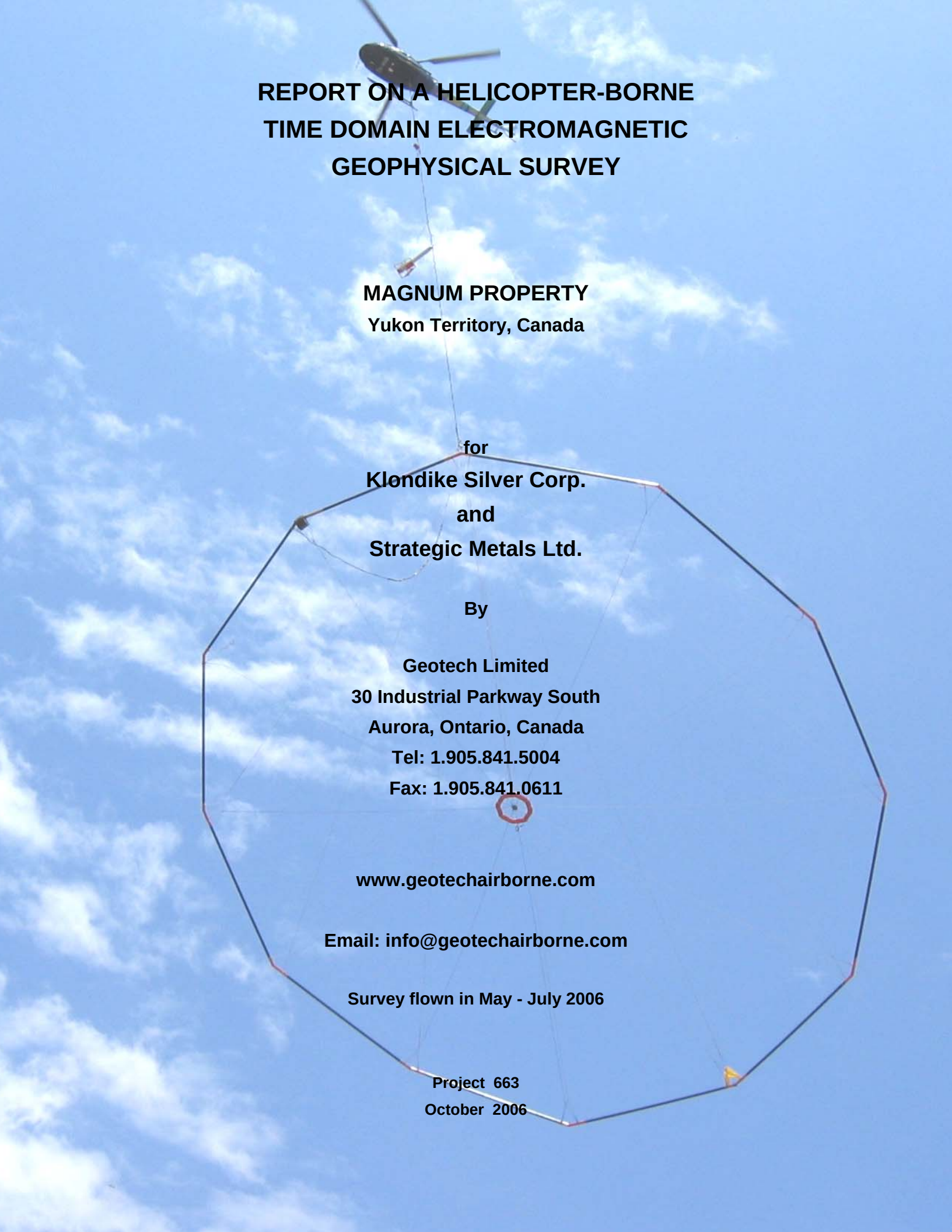
4. From 1983 to present, I have been actively engaged in mineral exploration in the Yukon Territory, Northwest Territories, northern British Columbia and Mexico.

5. I have personally participated in and supervised the fieldwork reported herein.

William A. Wengzynowski, P.Eng.

APPENDIX II

VTEM SURVEY



REPORT ON A HELICOPTER-BORNE TIME DOMAIN ELECTROMAGNETIC GEOPHYSICAL SURVEY

MAGNUM PROPERTY

Yukon Territory, Canada

for

Klondike Silver Corp.

and

Strategic Metals Ltd.

By

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Survey flown in May - July 2006

Project 663

October 2006

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REPORT ON A HELICOPTER-BORNE

TIME DOMAIN ELECTROMAGNETIC SURVEY

Magnum Property, Yukon Territory, Canada

Executive Summary

During the period of May 20th to July 8th, 2006, Geotech Limited carried out a helicopter-borne geophysical survey for Strategic Metals Ltd. over ten blocks located in the Yukon Territory, Canada, including **Magnum Property**.

Principal geophysical sensors included a versatile time domain electromagnetic system (VTEM) and a cesium magnetometer. Ancillary equipment included a GPS navigation system and a radar altimeter. A total of 2750.77 line-km. were flown, including 241 line-km. for **Magnum Property**.

In-field data processing involved quality control and compilation of data collected during the acquisition stage, using the in-field processing centre established at survey bases. Preliminary and final data processing, including generation of final digital data products was done at the office of Geotech Limited in Aurora, Ontario.

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

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 Limited and Strategic Metals Ltd., to perform a helicopter-borne geophysical survey over the multiple blocks, located in Yukon Territory, Canada, including **Magnum Property.**

2750.77 line-km of geophysical data were acquired during the survey.

The survey coordinates for **Magnum Property** are as shown in Appendix A.

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

The helicopter was obtained from TransNorth Helicopters for the duration of the survey. Multiple fuel caches were arranged.
Survey flying was completed on July 8th, 2006. 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 Limited in November 2006.

1.2. Survey and System Specifications

The **Magnum Property** survey block was flown at a nominal traverse line spacing of 100 metres.
Tie lines were flown perpendicular to traverse lines at approximately 1130 metres, as shown in Section 2 of this report.
Where suitable, survey lines were extended beyond original block boundary to reach the minimum length of 3 km.

Where possible, the helicopter maintained a mean terrain clearance of 80 metres, which translated into an average height of 45 meteres above ground for the bird-mounted VTEM system and 45 metres for the magnetic sensor.

The survey was flown using an Astar B2 helicopter, registration C-GTNU, operated by TransNorth Helicopters Limited. 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 Limited.

Database, grid and maps of final products were presented to Klondike Silver Corp. and 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

The **Magnum Property** survey block location is shown on the location map (Appendix A). It is approximately 70 km. NW of Dawson City.

Topographically, the block exhibits a rugged mountainous relief, with an elevation range of 290 metres to 840 metres above sea level.

2. DATA ACQUISITION

2.1. Survey Area

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

Survey areas	Line /Tie spacing (m)	Line /Tie - km	Line / Tie direction	Line number	Line KM
Magnum	100	217.9	N49W	4000 - 4660	240.6
	1130	22.7	N31E	4900 - 4930	

Table 1 - Survey block

The survey block boundary is shown in Appendix B.

2.2. Survey Operations

Survey operations were based in several locations in the Yukon Territory for the acquisition phase of the survey, including Dawson City for the **Magnum Property.** The following table shows the timing of the various flights.

Magnum Property was flown along with other blocks in the same vicinity.

Date	Flights	Production	Block	Crew location	REMARK
20-May		0		Whitehorse	Mobilization to Whitehorse
21-May		0		Whitehorse	Assembly of system
22-May		0		Whitehorse	Helicopter installation, test flight
23-May		0		Teslin	Mobilization to Teslin - no production
24-May		0		Teslin	No production due to weather
25-May	1,2,3	109.5	BAR	Teslin	
26-May	4, 1, 2	161.09	BAR, CONVERT	Teslin	
27-May	7,8	95.62	CONVERT	Teslin	flying aborted – due to weather
28-May	9	18.83	BAR	Teslin	flying aborted – due to weather
29-May		0		Watson Lake	move to Watson lake, prepare fuel cache
30-May	10, 11, 12	118.74	SIM	Watson Lake	
31-May	13, 14, 15	109.46	SIM, 4C	Watson Lake	
01-Jun	16, 17, 18	87.97	4C	Watson Lake	flying aborted – due to rough terrain
02-Jun	19	5.38	SIM	Ross River	Re-flight
03-Jun	20	91.37	TIDD	Ross River	flying aborted – due to weather
04-Jun		0		Ross River	No production due to weather
05-Jun	21, 22, 23	270.54	TIDD	Ross River	
06-Jun	24, 25, 26	194.78	TIDD	Ross River	flying aborted – due to weather
07-Jun	27, 28, 29	269.91	TIDD	Ross River	
08-Jun	30,31	92.81	TIDD	Ross River	rough terrain
09-Jun		0		Ross River	
21-Jun		0		Mayo	Ferry flights, move fuel to MARG
22-Jun		0		Mayo	No production due to weather
23-Jun	1, 2	84.68	MARG	Mayo	flying aborted – due to weather
24-Jun	3,4,5	158.36	MARG	Mayo	
25-Jun	6,7	123.1	MARG	Mayo	
26-Jun		0		Dawson City	No production due to weather
27-Jun		0		Dawson City	No production due to weather
28-Jun	1,2,3	111	MIC	Dawson City	flying aborted – due to weather
29-Jun	3,4	139.51	MIC, MAG	Dawson City	
30-Jun	5,6,7	115.74	MAG	Dawson City	flying aborted – due to weather
01-Jul	7,8	101.59	CN	Dawson City	
02-Jul	9	76.63	CN	Dawson City	flying aborted – due to weather
03-Jul	10, 11	121.16	CN	Dawson City	
04-Jul	1,2	66	PAN	Dawson City	
05-Jul	3	3	PAN	Dawson City	Test flights
06-Jul	4	24	PAN	Dawson City	
07-Jul		0			helicopter inspection
08-Jul		0		Burwash	Burwash Block cancelled due to rough topo

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 80 m above ground). 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 the 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 camp 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 B2 helicopter, registration C-GTNU - owned and operated by TransNorth 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 Versatile Time Domain EM (VTEM) system. The layout of the configuration used for this survey is as indicated in Figure 1 below.

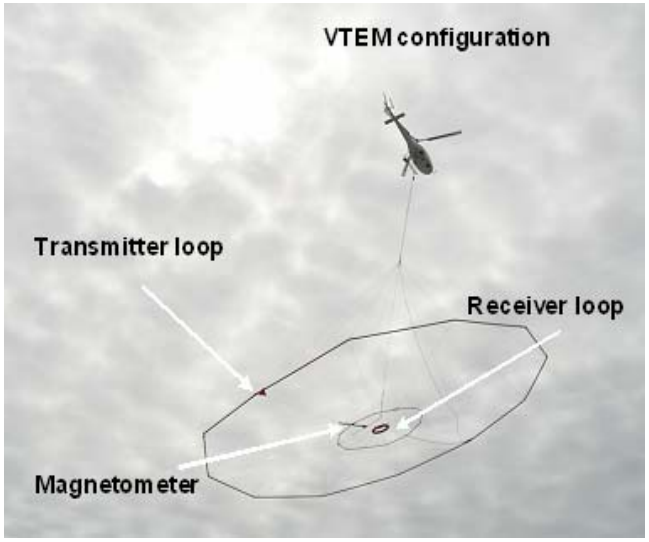


Figure 1 - VTEM Configuration

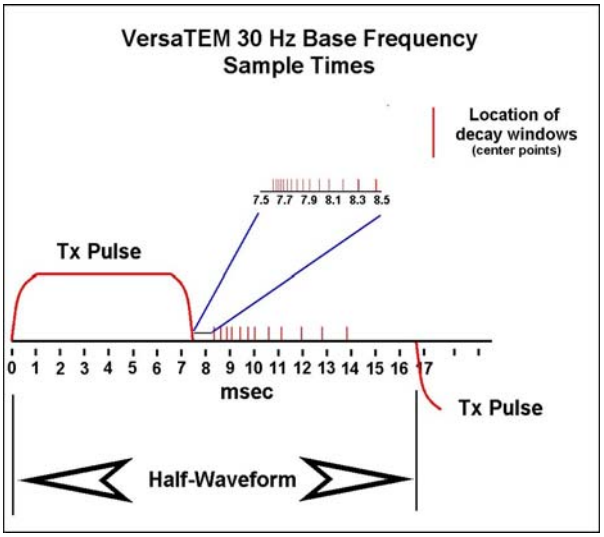


Figure 2 - VTEM sample times

Receiver and transmitter coils are concentric and Z-direction oriented.

The receiver decay recording scheme is shown diagrammatically in Figure 2.

Twenty-six measurement gates were used in the range from 130 μs to 7540 μs, as shown in the following table.

VTEM Decay Sampling scheme (Microseconds)			
Time gate	**Start**	**End**	**Width**
130	120	140	20
150	140	160	20
170	160	180	20
190	180	205	25
220	205	240	35
260	240	280	40
300	280	325	45
350	325	380	55
410	380	445	65
480	445	525	80
570	525	625	100
680	625	745	120
810	745	885	140
960	885	1045	160
1130	1045	1235	190
1340	1235	1470	235
1600	1470	1750	280
1900	1750	2070	320
2240	2070	2450	380
2660	2450	2920	470
3180	2920	3480	560
3780	3480	4120	640
4460	4120	4880	760
5300	4880	5820	940
6340	5820	6860	1040
7540	6860	8220	1360

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 167 A.
Duty cycle was 37%.
Peak dipole moment was 355,000 NIA.

Receiver coil diameter was 1.2 metre, the number of turns was 100.
Receiver effective area was 113 m^2
Wave form – trapezoid.
Recording sampling rate was 10 samples per second.

The EM bird was towed 35 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 separate bird towed at the same altitude as the EM sensor. 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. Contents and update rates were as follows:

DATA TYPE	SAMPLING
TDEM	0.1 sec
Magnetometer	0.1 sec
GPS Position	0.2 sec
Radar Altimeter	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 bench sensitivity of 0.002 nT. The base station records the magnetic field together with the GPS time at 1 Hz on a base station computer. The base station magnetometer sensor was installed 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

Crew chiefs / Operators:	Graeme Lille, Calin Cosma, Brad Marsh

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

Pilots:	Stephen Soubliere,
Mechanical Engineer:	Margo Hager

Office

Data Processing:	Harish Kumar
Data Processing / Reporting:	George Lev
Data Technician:	Maria Jagodkin

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

Overall management of the survey was carried out from the Aurora office of Geotech Ltd. by Edward Morrison, President.

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 gate times, in logarithmic scale.

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

The VTEM output voltage of the receiver coil 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.

Tie line levelling was carried out by adjusting intersection points along the traverse lines. A micro-levelling procedure was then applied. This technique is designed to remove persistent low-amplitude components of flight-line noise remaining after tie line levelling.

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.

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 WORD format.

5.2. Maps

Final maps were produced at a scale of 1:10,000 for the **Magnum Property**. The coordinate/projection system used was the WGS84, UTM zone 7 north. All maps show the flight path trace. Latitude and longitude are also noted on maps.

The following maps are presented to Klondike Silver Corp. and Strategic Metals Ltd. on paper as results of the helicopter-borne geophysical survey carried out over the **Magnum Property.**

- Total Magnetic Field contours and colour images
- Logarithmic scale VTEM profiles, Time Gates 0.22 - 6.34 ms

5.3. Gridded Data

Total Magnetic Field grid is provided to Klondike Silver Corp. and Strategic Metals Ltd. in Geosoft GRD format. Grid cell size was adjusted to suit the parameters of the individual block.

For traverse line spacing of 100 metres, 10 m grid cell size was used.

5.4. Digital Data

There are three (3) main directories,

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

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

VTEM_fp_GoogleEarth contains kmz file containing flightpath of the Magnum Property.
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 7 north)
Y:	Y positional data (metres – WGS84, utm zone 7 north)
Z:	GPS antenna elevation (metres - ASL) (on the tail of the helicopter)
Gtime1:	GPS time (seconds of the day)
Radar:	Helicopter terrain clearance from radar altimeter (metres - AGL)
DEM:	Digital elevation model (metres)
Mag1:	Raw Total Magnetic field data (nT)
Basemag:	Base station magnetic data (nT)
Mag2:	Total Magnetic field base station corrected data (nT)
Mag3:	Levelled Total Magnetic field data (nT)
C130f:	Raw 130 microsecond time channel (pV/A/m^4)
C150f:	Raw 150 microsecond time channel (pV/A/m^4)
C170f:	Raw 170 microsecond time channel (pV/A/m^4)
C190f:	Raw 190 microsecond time channel (pV/A/m^4)
C220f:	Raw 220 microsecond time channel (pV/A/m^4)
C260f:	Raw 260 microsecond time channel (pV/A/m^4)
C300f:	Raw 300 microsecond time channel (pV/A/m^4)
C350f:	Raw 350 microsecond time channel (pV/A/m^4)
C410f:	Raw 410 microsecond time channel (pV/A/m^4)
C480f:	Raw 480 microsecond time channel (pV/A/m^4)
C570f:	Raw 570 microsecond time channel (pV/A/m^4)
C680f:	Raw 680 microsecond time channel (pV/A/m^4)

C810f: Raw 810 microsecond time channel (pV/A/m^4)
C960f: Raw 960 microsecond time channel (pV/A/m^4)
C1130f: Raw 1130 microsecond time channel (pV/A/m^4)
C1340f: Raw 1340 microsecond time channel (pV/A/m^4)
C1600f: Raw 1600 microsecond time channel (pV/A/m^4)
C1900f: Raw 1900 microsecond time channel (pV/A/m^4)
C2240f: Raw 2240 microsecond time channel (pV/A/m^4)
C2660f: Raw 2660 microsecond time channel (pV/A/m^4)
C3180f: Raw 3180 microsecond time channel (pV/A/m^4)
C3780f: Raw 3780 microsecond time channel (pV/A/m^4)
C4460f: Raw 4460 microsecond time channel (pV/A/m^4)
C5300f: Raw 5300 microsecond time channel (pV/A/m^4)
C6340f: Raw 6340 microsecond time channel (pV/A/m^4)
C7540f: Raw 7540 microsecond time channel (pV/A/m^4)
PLinef: Power line monitor (linear trend removed)

- Grids in Geosoft GRD format, as follow,

  mag_magfin: Total Magnetic field (nT)

  A Geosoft .GRD file has a .GI metadata file associated with it, containing grid projection information.

- Maps at 1:10,000 scale in Geosoft MAP format, as follow,

  mag_magfin: Total Magnetic Field image and contours

  mag_EM_LP: Logarithmic scale profiles, Time Gates 0.22 – 6.34 ms

- ASCII file VTEM WaveForm.xyz in Geosoft format containing the following channel:

  Volt: output voltage of the receiver coil
  (volts, sampling rate 20 microseconds)

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

6. CONCLUSIONS

A versatile time domain electromagnetic helicopter-borne geophysical survey has been completed over 10 blocks located in the Yukon Territory, Canada, including **Magnum Property.**

Total survey line coverage is 2750.77 line kilometres, including 241 line-km. for the **Magnum Property.** The principal sensors included a Time Domain EM system and a magnetometer. Results have been presented as colour contour maps and stacked profiles.

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

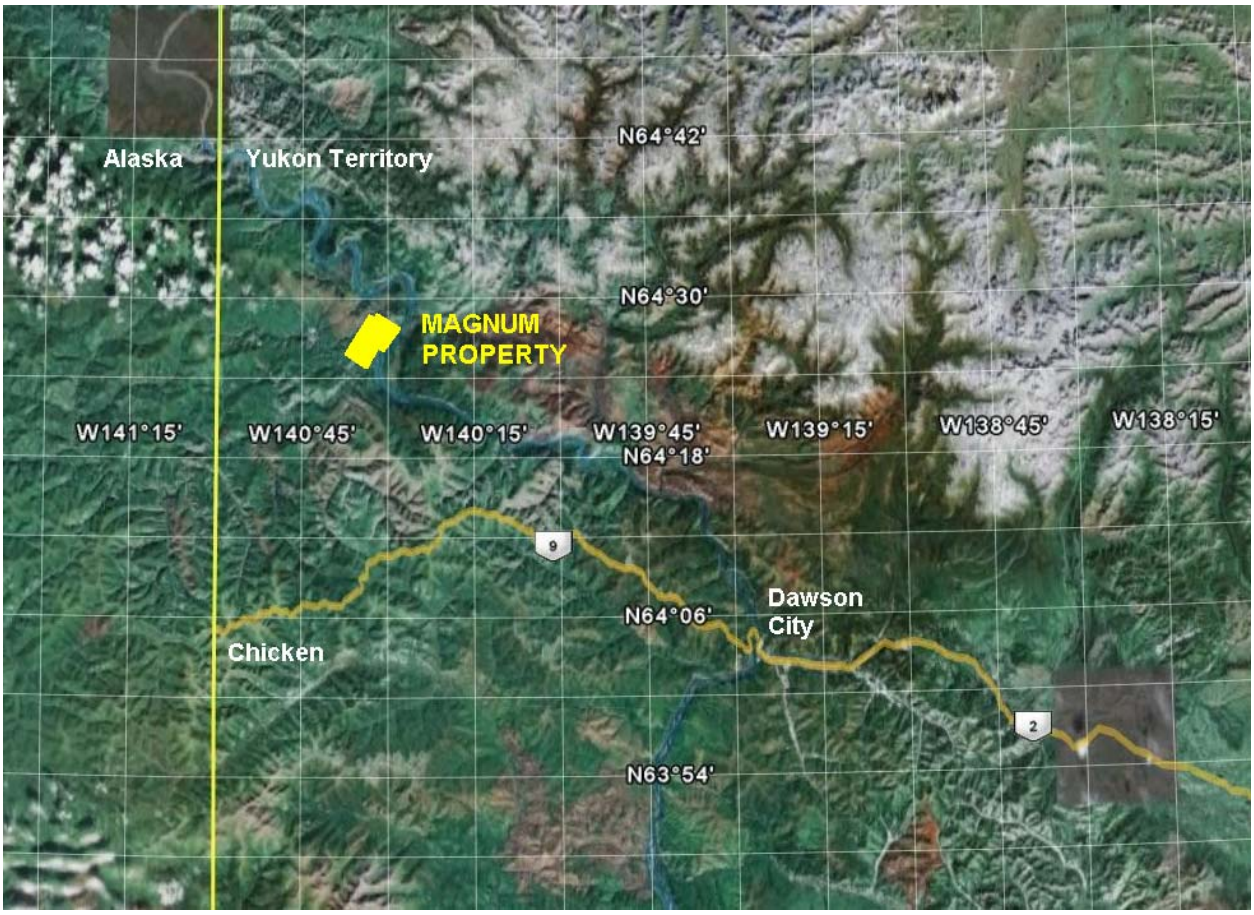
Respectfully submitted,

Marta Orta
on behalf of

George Lev
Geotech Limited
November 8, 2006

APPENDIX A

SURVEY BLOCK LOCATION MAP



APPENDIX B

SURVEY BLOCK COORDINATES

(WGS 84, UTM zone 7N)

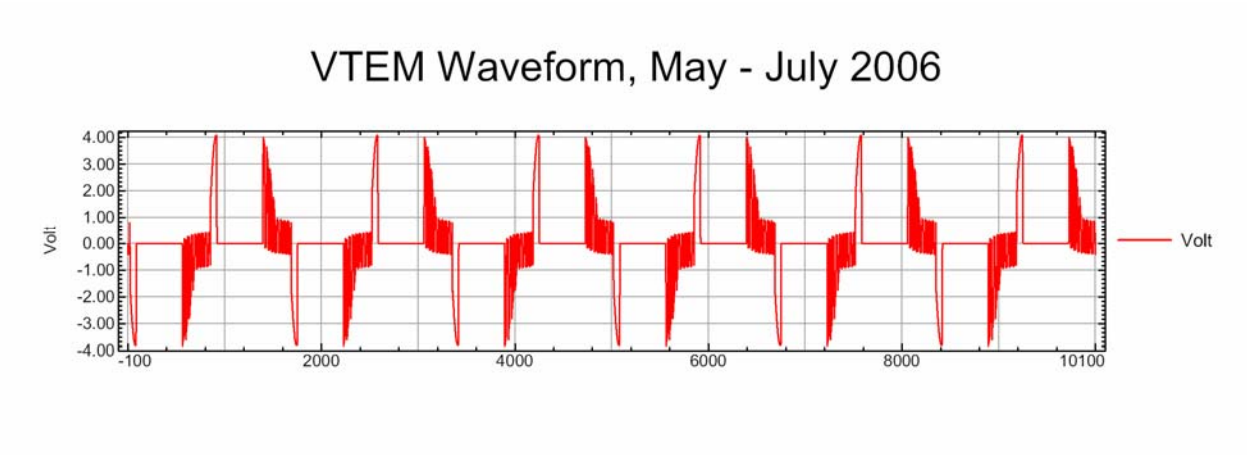
MAGNUM	
518592.6	7144897.4
521657.8	7149977.5
522390.0	7149508.9
522759.0	7150129.7
525095.5	7148706.5
523314.4	7145739.8
522528.6	7146204.0
520894.4	7143496.8

APPENDIX C

General Modeling Results of the VTEM Stysem

APPENDIX D

VTEM WAVE FORM



GENERALIZED MODELING RESULTS OF THE VTEM SYSTEM

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 metres 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.

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.

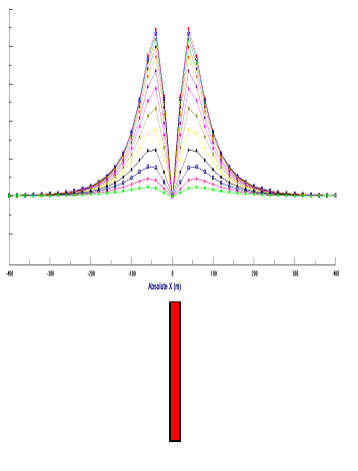
Figure H shows a special case where two plates are positioned to represent a synclinal structure. Note that the main characteristic to remember is the centre amplitudes are higher (approximately double) compared to the high shoulder of a single plate. This model is very representative of tightly folded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



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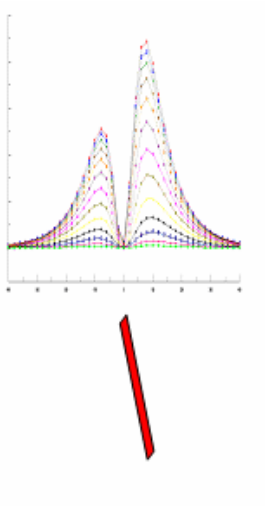

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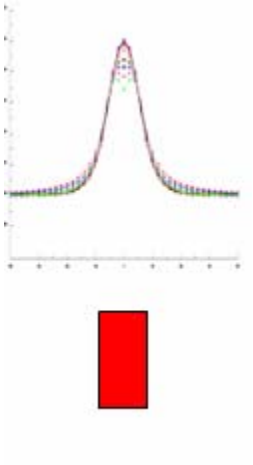

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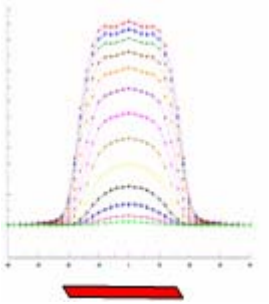

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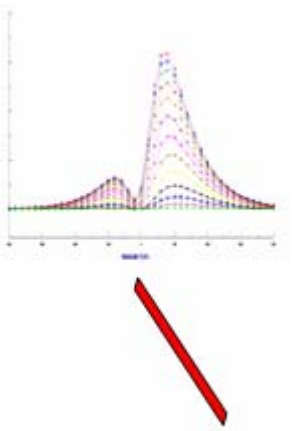

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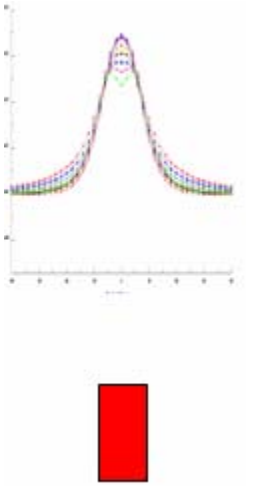
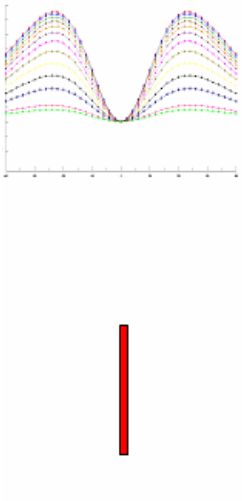
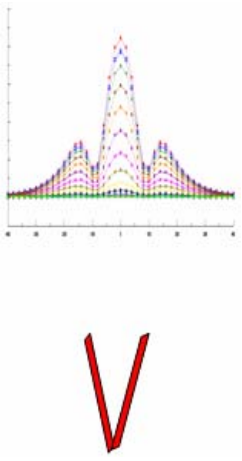


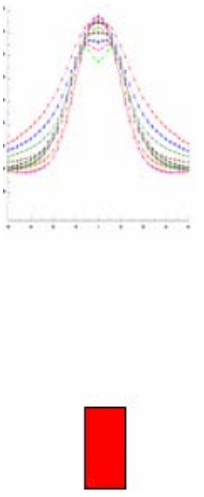
G



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, in 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.

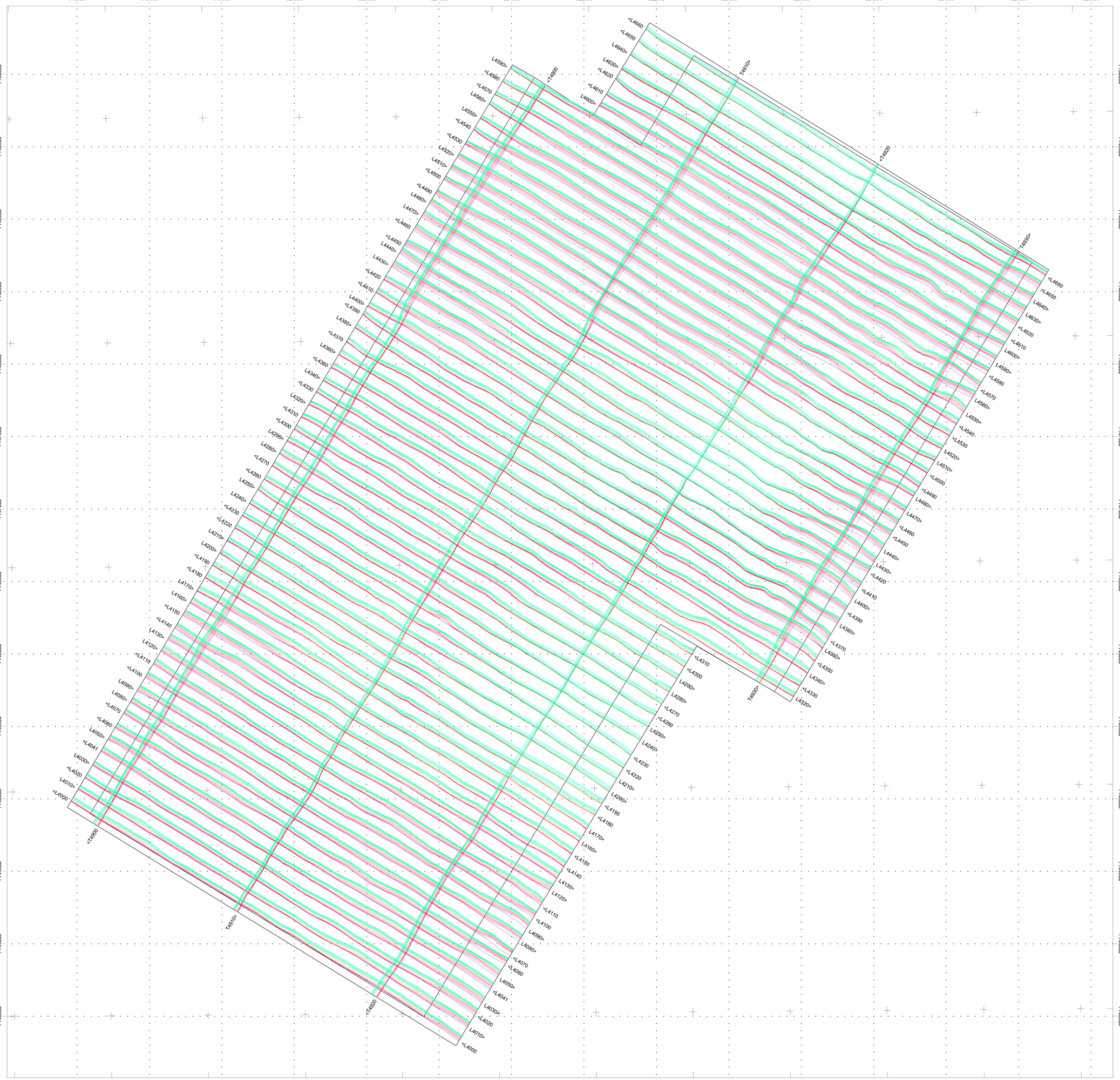
It is sometimes difficult to distinguish between responses associated with the edge effects of flat lying conductors and poorly conductive bedrock conductors. Poorly conductive bedrock conductors having low dip angles will also exhibit responses that may be interpreted as surfacial overburden conductors. 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.



SURVEY SPECIFICATIONS:

Survey date: May - July 2006
Traverse Line Spacing: 100 metres
Traverse line direction: N49°W
Nominal terrain clearance: 80 metres
Nominal EM bird height: 45 metres
Nominal Magnetic bird height: 45 metres
Aircraft: Astar B2 helicopter, Registration: C-GTNU

INSTRUMENTATION

Data acquisition: Geotech Acquisition System
Electromagnetics: VTEM system
- Base frequency: 30Hz
- Transmitter Loop diameter: 26 metres
- Dipole Moment 355,000 NIA
- Transmitter Wave Form: Trapezoid
- Transmitter Pulse Width: 7.5 ms

Magnetometer: Geometrics G-823A cesium vapour
- Resolution: 0.02 nT at 10 samples/sec

NAVIGATION:

Equipment: NovAtel GPS card
Radar altimeter: Terra TRA3000/TRI-30

Profiles scale 1 mm = 0.1 pV/A/m^4
(Linear between +/- 0.2 pV/A/m^4
logarithmic above 0.2 pV/A/m^4)

- 0.22 ms
- 0.26 ms
- 0.30 ms
- 0.35 ms
- 0.41 ms
- 0.48 ms
- 0.57 ms
- 0.68 ms
- 0.81 ms
- 0.96 ms
- 1.13 ms
- 1.34 ms
- 1.60 ms
- 1.90 ms
- 2.24 ms
- 2.66 ms
- 3.18 ms
- 3.78 ms
- 4.46 ms
- 5.30 ms
- 6.34 ms

Scale 1:10000

100 0 100 200 300 400 500
metres
WGS 84 / UTM zone 7N

Klondike Silver Corp.
Strategic Metals Ltd.
Magnum Property
Yukon Territory

Geotech VTEM System
Logarithmic scale VTEM Profiles
Time Gates 0.22 - 6.34 ms

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

October 2006

Project 663

SURVEY SPECIFICATIONS:
Survey date: May - July 2006
Traverse Line Spacing: 100 metres
Traverse line direction: N45°W
Nominal terrain clearance: 80 metres
Nominal EM bird height: 45 metres
Nominal Magnetic bird height: 45 metres
Aircraft: Astar B2 helicopter, Registration: C-GTNU

INSTRUMENTATION
Data acquisition: Geotech Acquisition System
Electromagnetics: VTEM system
Base frequency: 30Hz
Transmitter Loop diameter: 26 metres
Dipole Moment 355,000 NIA
Transmitter Wave Form: Trapezoid
Transmitter Pulse Width: 7.5 ms
Magnetometer: Geometrics G-823A cesium vapour
Resolution: 0.02 nT at 10 samples/sec

NAVIGATION:
Equipment: NovAtel GPS card
Radar altimeter: Terra TRA3000/TRI-30

Magnetic field
(nT)

Contour intervals:
2 nT
10 nT
50 nT

Scale 1:10000
100 0 100 200 300 400 500
metres
WGS 84 / UTM zone 7N

Klondike Silver Corp.
Strategic Metals Ltd.
Magnum Property
Yukon Territory

Geotech VTEM System
Total Magnetic Field Map

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

October 2006

Project 663

APPENDIX III

CERTIFICATES OF ANALYSIS

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

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

Finalized L . 21-OCT-2006
Account: MTT

CERTIFICATE VA06102596

Project: MAGNUM

P.O. No.:

This report is for 4 Rock samples submitted to our lab in Vancouver, BC, Canada on 19-SEP-2006.

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
ME-ICP41	34 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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VANCOUVER BC V6B 1L8

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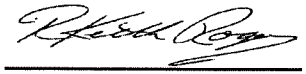
Signature: 

Keith Rogers, Executive Manager Vancouver Laboratory

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Project: MAGNUM

Finalized Date: 21-OCT-2006
Account: MTT

CERTIFICATE OF ANALYSIS VA06102596

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
C105801		0.92	0.4	0.46	3320	10	2800	<0.5	<2	0.95	<0.5	1	4	116	19.6	<10
C105802		0.78	0.3	0.16	21	<10	610	<0.5	2	9.57	<0.5	<1	6	22	28.6	<10
C105803		1.82	<0.2	1.31	23	<10	30	2.8	2	2.73	<0.5	<1	22	10	21.6	<10
C105804		3.00	<0.2	3.69	7	<10	510	<0.5	<2	0.65	<0.5	37	216	2	6.54	10

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Project: MAGNUM

Finalized Date: 21-OCT-2006
Account: MTT

CERTIFICATE OF ANALYSIS VA06102596

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
C105801		<1	0.14	<10	0.12	1550	1	0.01	4	690	13	0.12	<2	5	139	<0.01
C105802		<1	0.02	<10	0.14	3130	12	0.02	<1	190	709	9.25	<2	1	220	<0.01
C105803		<1	0.02	<10	0.29	2900	1	<0.01	4	270	9	7.80	<2	4	158	0.01
C105804		<1	0.06	<10	12.75	2040	1	<0.01	453	490	2	0.03	<2	22	66	<0.01

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Project: MAGNUM

Finalized Date: 21-OCT-2006
Account: MTT

CERTIFICATE OF ANALYSIS VA06102596

Sample Description	Method / Analyte / Units / LOR	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
C105801		<10	<10	85	<10	84
C105802		<10	<10	108	<10	113
C105803		<10	<10	140	<10	61
C105804		<10	<10	197	<10	125

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Finalized D. 24-OCT-2006
Account: MTT

CERTIFICATE VA06102597

Project: MAGNUM

P.O. No.:

This report is for 9 Soil samples submitted to our lab in Vancouver, BC, Canada on 19-SEP-2006.

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	34 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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Signature:
Keith Rogers, Executive Manager Vancouver Laboratory

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Project: MAGNUM

Finalized Date: 24-OCT-2006
Account: MTT

CERTIFICATE OF ANALYSIS VA06102597

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
CC13096		0.10	0.3	1.68	18	<10	640	0.5	<2	0.43	0.5	54	155	76	2.61	10
CC13097		0.14	0.2	1.06	3	<10	530	<0.5	2	0.70	0.7	14	39	228	1.71	<10
CC13098		0.18	<0.2	1.65	101	<10	1170	<0.5	2	1.20	0.5	24	67	86	4.96	<10
CC13099		0.12	0.2	1.32	95	10	730	<0.5	2	1.37	<0.5	60	1250	38	2.35	<10
CC13100		0.12	0.3	1.38	91	<10	2520	0.5	<2	0.46	0.8	25	150	47	4.71	<10
CC13101		0.16	0.6	0.84	63	<10	30	<0.5	<2	6.59	2.9	25	33	78	5.54	<10
CC13102		0.14	0.4	1.22	15	<10	1100	0.5	3	1.66	<0.5	15	26	48	4.41	<10
CC13103		0.16	0.4	1.61	9	<10	2200	<0.5	<2	4.93	<0.5	19	47	67	4.52	10
CC13104		0.12	0.6	0.69	14	<10	160	<0.5	<2	3.30	1.9	13	42	36	2.20	<10

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Project: MAGNUM

Finalized Date: 24-OCT-2006
Account: MTT

CERTIFICATE OF ANALYSIS VA06102597

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
CC13096		<1	0.06	10	0.86	532	1	0.02	292	320	13	0.01	<2	5	30	0.04
CC13097		1	0.07	140	0.30	787	<1	0.03	141	310	17	0.02	4	5	51	0.03
CC13098		2	0.08	20	1.28	1220	3	0.01	92	750	41	0.04	3	7	59	0.01
CC13099		2	0.05	10	2.98	421	<1	0.01	688	360	12	0.06	34	7	77	0.01
CC13100		1	0.13	30	0.84	986	3	0.02	97	430	57	0.10	5	5	61	0.02
CC13101		2	0.10	10	0.42	1205	4	0.01	53	600	49	3.66	<2	3	217	0.02
CC13102		<1	0.11	40	0.58	848	2	0.02	28	450	47	0.19	<2	3	176	0.02
CC13103		<1	0.14	30	1.01	1100	1	<0.01	42	780	32	0.12	<2	4	167	0.03
CC13104		<1	0.04	20	0.68	399	2	0.01	217	1280	13	0.10	8	3	202	0.02

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Project: MAGNUM

Finalized Date: 24-OCT-2006
Account: MTT

CERTIFICATE OF ANALYSIS VA06102597

Sample Description	Method / Analyte / Units / LOR	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
CC13096		10	<10	58	<10	70
CC13097		10	<10	32	<10	42
CC13098		<10	<10	56	<10	147
CC13099		<10	<10	49	<10	55
CC13100		10	<10	42	<10	144
CC13101		<10	<10	34	<10	242
CC13102		<10	<10	32	<10	120
CC13103		<10	<10	47	<10	172
CC13104		<10	<10	23	<10	118

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

Finalized [illegible]: 6-DEC-2006
Account: MTT

CERTIFICATE VA06118408

Project: Magnum

P.O. No.:

This report is for 62 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 22-NOV-2006.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

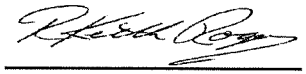
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	34 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: 

Keith Rogers, Executive Manager Vancouver Laboratory

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Magnum

Finalized Date: 6-DEC-2006
Account: MTT

CERTIFICATE OF ANALYSIS VA06118408

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
C105601		5.42	0.2	0.64	185	10	680	<0.5	<2	9.35	<0.5	32	20	61	5.80	<10
C105602		7.48	0.3	0.26	997	<10	70	<0.5	2	7.06	<0.5	25	6	40	5.87	<10
C105603		5.58	0.5	0.81	324	<10	110	<0.5	<2	7.90	<0.5	21	49	91	7.72	<10
C105604		4.22	0.7	0.46	793	20	50	<0.5	<2	6.60	2.9	23	16	114	6.73	<10
C105605		6.32	<0.2	0.32	173	<10	210	<0.5	<2	3.79	<0.5	17	4	25	2.70	<10
C105606		4.70	0.3	1.58	151	10	930	<0.5	<2	8.91	<0.5	38	43	63	6.87	<10
C105607		3.26	0.2	1.61	162	10	770	<0.5	<2	9.34	<0.5	32	55	51	4.91	<10
C105608		5.34	<0.2	0.41	406	10	70	<0.5	2	7.81	<0.5	30	17	30	4.78	<10
C105609		3.76	<0.2	0.43	226	10	50	<0.5	<2	4.63	<0.5	16	4	14	3.30	<10
C105610		3.58	<0.2	0.51	185	10	130	<0.5	<2	3.25	<0.5	16	5	19	3.03	<10
C105611		6.64	<0.2	0.91	264	10	120	<0.5	<2	2.10	<0.5	20	15	23	3.92	<10
C105612		1.58	<0.2	0.24	560	10	50	<0.5	<2	4.02	<0.5	16	5	11	3.74	<10
C105613		2.28	<0.2	1.62	214	10	1210	<0.5	<2	1.22	<0.5	17	17	34	4.91	<10
C105614		7.90	0.3	1.85	55	10	480	<0.5	<2	1.37	<0.5	24	20	41	4.87	<10
C105615		4.90	<0.2	0.47	36	<10	220	<0.5	<2	1.14	<0.5	20	10	33	4.55	<10
C105616		4.44	0.3	0.53	32	<10	290	<0.5	<2	1.83	<0.5	18	12	38	4.13	<10
C105617		6.12	0.3	0.50	51	<10	370	<0.5	<2	1.55	0.5	22	11	37	4.39	<10
C105618		6.00	<0.2	0.40	62	<10	350	<0.5	<2	2.10	<0.5	19	11	44	4.37	<10
C105619		6.62	0.2	0.39	97	<10	310	<0.5	<2	2.64	<0.5	15	7	46	3.36	<10
C105620		6.00	0.4	0.36	178	<10	230	<0.5	<2	2.67	<0.5	26	10	75	3.01	<10
C105621		5.06	<0.2	0.27	182	<10	410	<0.5	<2	2.53	<0.5	17	8	81	2.43	<10
C105622		6.96	0.3	0.39	86	<10	420	<0.5	<2	4.17	<0.5	20	11	54	4.10	<10
C105623		5.66	<0.2	0.37	120	10	460	<0.5	<2	2.98	<0.5	13	11	38	3.37	<10
C105624		4.68	<0.2	0.51	46	10	520	<0.5	<2	5.48	<0.5	25	24	31	5.34	<10
C105625		5.76	<0.2	0.61	29	<10	700	<0.5	<2	5.27	<0.5	32	32	41	6.03	<10
C105626		6.38	0.3	0.28	219	10	350	<0.5	<2	1.84	<0.5	12	6	53	2.29	<10
C105627		4.72	<0.2	0.32	37	<10	510	<0.5	<2	1.23	<0.5	12	7	102	1.88	<10
C105628		5.66	<0.2	0.25	56	10	360	<0.5	<2	1.65	<0.5	9	6	20	1.44	<10
C105629		4.82	<0.2	0.31	28	<10	290	<0.5	<2	0.70	<0.5	10	7	16	1.56	<10
C105630		8.12	<0.2	0.26	57	10	580	<0.5	<2	0.81	<0.5	9	7	50	1.56	<10
C105631		3.92	<0.2	0.38	2	<10	1510	<0.5	<2	0.98	<0.5	11	10	64	1.90	<10
C105632		2.50	<0.2	0.35	3	<10	2700	<0.5	<2	1.07	<0.5	10	9	35	1.88	<10
C105633		0.56	<0.2	0.42	8	<10	2080	0.6	3	0.11	<0.5	7	17	65	29.9	<10
C105634		0.80	0.4	0.67	<2	<10	1200	<0.5	<2	2.13	<0.5	16	25	67	8.23	<10
C105635		0.96	<0.2	0.42	22	<10	1310	<0.5	<2	0.08	<0.5	3	12	51	23.7	<10
C105636		5.96	<0.2	0.53	17	<10	1300	<0.5	<2	3.49	<0.5	18	25	80	4.38	<10
C105637		3.00	<0.2	0.39	34	<10	710	<0.5	<2	1.05	<0.5	7	14	33	17.0	<10
C105638		4.82	0.2	0.30	15	<10	1610	<0.5	<2	1.09	<0.5	8	7	45	1.89	<10
C105639		1.78	<0.2	0.37	32	<10	290	<0.5	2	0.97	<0.5	5	12	30	2.16	<10
C105640		5.68	<0.2	0.13	182	<10	500	<0.5	2	0.14	<0.5	3	7	19	10.85	<10

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Project: Magnum

Finalized Date: 6-DEC-2006
Account: MTT

CERTIFICATE OF ANALYSIS VA06118408

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
C105601		<1	0.19	10	1.30	8330	<1	0.01	42	920	8	0.62	2	9	244	<0.01
C105602		<1	0.12	10	0.93	8290	2	<0.01	35	1030	23	3.34	3	6	166	<0.01
C105603		<1	0.15	10	0.40	4110	<1	0.02	64	2700	68	2.99	<2	5	233	<0.01
C105604		<1	0.31	<10	0.30	3700	7	0.01	61	2390	56	4.03	4	4	170	<0.01
C105605		<1	0.22	10	0.48	6080	<1	<0.01	32	370	10	1.26	<2	3	73	<0.01
C105606		<1	0.19	10	2.30	5240	<1	0.01	63	810	89	0.46	<2	11	262	0.01
C105607		1	0.21	10	1.76	8920	<1	0.01	41	960	19	0.53	<2	16	236	0.01
C105608		<1	0.20	<10	1.64	9480	5	<0.01	54	700	18	1.62	<2	8	225	<0.01
C105609		1	0.17	10	0.55	4460	<1	<0.01	35	470	6	2.72	2	2	100	<0.01
C105610		<1	0.19	10	0.89	2590	<1	<0.01	44	1590	9	0.84	2	2	148	<0.01
C105611		<1	0.19	10	0.63	3350	<1	<0.01	40	600	9	1.01	<2	2	93	<0.01
C105612		<1	0.12	<10	0.72	6240	<1	<0.01	28	580	5	2.02	<2	3	143	<0.01
C105613		<1	0.21	10	0.76	1075	<1	0.01	32	670	23	0.29	<2	2	70	0.01
C105614		<1	0.18	10	0.93	2140	<1	<0.01	40	650	7	0.44	2	2	50	0.01
C105615		<1	0.17	10	0.85	834	<1	<0.01	40	490	17	0.48	<2	2	80	<0.01
C105616		1	0.19	20	0.97	1445	<1	<0.01	43	630	99	0.20	<2	2	108	<0.01
C105617		1	0.20	20	0.97	1265	<1	<0.01	62	530	68	0.19	<2	3	130	<0.01
C105618		<1	0.18	10	0.94	1370	1	<0.01	80	640	20	0.57	<2	2	148	<0.01
C105619		<1	0.19	10	0.66	1910	1	<0.01	49	820	9	0.99	2	2	158	<0.01
C105620		<1	0.16	10	0.55	10350	<1	<0.01	138	640	9	1.35	3	2	164	<0.01
C105621		1	0.14	10	0.84	6630	<1	<0.01	119	220	8	0.77	2	2	175	<0.01
C105622		1	0.17	10	1.44	1680	1	<0.01	67	1010	13	1.02	<2	3	288	<0.01
C105623		<1	0.18	10	0.93	1915	<1	<0.01	45	1180	8	0.82	<2	2	204	<0.01
C105624		1	0.13	10	2.14	1515	<1	0.01	72	1460	11	0.31	<2	5	311	<0.01
C105625		1	0.13	10	2.48	1200	<1	0.01	92	1640	11	0.34	<2	5	317	<0.01
C105626		<1	0.16	10	0.54	2750	<1	<0.01	30	110	5	1.01	<2	2	159	<0.01
C105627		<1	0.15	10	0.58	2820	9	<0.01	41	140	18	0.43	<2	2	86	<0.01
C105628		1	0.17	10	0.49	3090	<1	<0.01	31	60	2	0.65	<2	2	106	<0.01
C105629		<1	0.19	10	0.25	2400	<1	<0.01	31	70	3	0.63	<2	2	56	<0.01
C105630		<1	0.16	10	0.44	1640	<1	<0.01	32	70	7	0.52	<2	2	80	<0.01
C105631		<1	0.20	10	0.90	1590	<1	<0.01	41	100	9	0.15	<2	2	119	<0.01
C105632		<1	0.18	10	1.08	1330	<1	<0.01	38	100	11	0.11	<2	2	146	<0.01
C105633		<1	0.03	10	0.19	1535	3	0.01	21	1100	19	0.14	3	3	70	<0.01
C105634		<1	0.04	10	0.26	5100	<1	<0.01	41	600	16	0.10	<2	10	217	<0.01
C105635		<1	0.06	<10	0.08	1245	2	<0.01	7	620	9	0.14	2	4	79	<0.01
C105636		1	0.07	10	1.18	2520	1	<0.01	50	390	13	0.10	<2	11	368	<0.01
C105637		1	0.07	<10	0.23	1750	1	0.01	13	520	17	0.17	<2	7	176	<0.01
C105638		<1	0.16	10	0.28	2860	<1	<0.01	26	170	6	0.09	<2	3	154	<0.01
C105639		<1	0.04	10	0.05	1640	<1	<0.01	32	60	3	0.73	<2	5	125	<0.01
C105640		2	0.02	<10	0.06	1695	2	<0.01	19	140	4	0.21	2	1	95	<0.01

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Project: Magnum

Finalized Date: 6-DEC-2006
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CERTIFICATE OF ANALYSIS VA06118408

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
C105601		<10	<10	53	<10	89
C105602		<10	<10	24	<10	66
C105603		<10	<10	132	<10	85
C105604		<10	<10	57	<10	292
C105605		<10	<10	9	<10	63
C105606		<10	<10	81	<10	176
C105607		<10	<10	107	<10	81
C105608		<10	<10	38	<10	120
C105609		<10	<10	11	<10	74
C105610		<10	<10	9	<10	44
C105611		<10	<10	8	<10	42
C105612		<10	<10	2	<10	11
C105613		<10	<10	12	<10	115
C105614		<10	<10	16	<10	85
C105615		<10	<10	10	<10	96
C105616		<10	<10	13	<10	151
C105617		<10	<10	12	<10	155
C105618		<10	<10	10	<10	128
C105619		<10	<10	11	<10	77
C105620		<10	10	13	<10	92
C105621		<10	<10	11	<10	67
C105622		<10	<10	17	<10	95
C105623		<10	<10	13	<10	69
C105624		<10	<10	29	<10	102
C105625		<10	<10	41	<10	124
C105626		<10	<10	6	<10	23
C105627		<10	<10	9	<10	47
C105628		<10	<10	5	<10	19
C105629		<10	<10	5	<10	34
C105630		<10	<10	7	<10	32
C105631		<10	<10	11	<10	74
C105632		<10	<10	13	<10	74
C105633		<10	<10	203	<10	105
C105634		<10	<10	33	<10	118
C105635		<10	<10	177	<10	78
C105636		<10	<10	52	<10	87
C105637		<10	<10	145	<10	108
C105638		<10	<10	9	<10	52
C105639		<10	<10	10	<10	190
C105640		<10	<10	41	<10	101

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Account: MTT

CERTIFICATE OF ANALYSIS VA06118408

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
C105641		1.60	0.8	0.14	183	<10	1320	<0.5	<2	0.07	<0.5	4	6	22	5.72	<10
C105642		3.46	1.2	0.25	37	<10	1650	<0.5	<2	0.18	<0.5	4	6	97	1.62	<10
C105643		4.46	0.9	0.23	68	<10	820	<0.5	<2	0.49	<0.5	5	7	87	1.52	<10
C105644		5.50	0.4	0.26	191	<10	660	<0.5	<2	0.43	<0.5	12	6	117	2.25	<10
C105645		6.80	<0.2	0.44	68	10	740	<0.5	<2	4.07	<0.5	18	12	52	4.36	<10
C105646		5.80	<0.2	0.25	21	<10	450	<0.5	2	2.16	<0.5	4	5	57	1.35	<10
C105647		5.48	<0.2	0.27	49	<10	610	<0.5	<2	0.63	<0.5	4	5	71	2.55	<10
C105648		0.72	7.3	0.24	453	<10	500	<0.5	2	0.14	<0.5	5	47	39	8.88	<10
C105649		2.30	0.5	0.21	74	<10	1480	<0.5	<2	0.14	<0.5	2	10	37	1.18	<10
C105650		3.96	3.0	0.18	308	10	40	<0.5	<2	2.22	<0.5	3	9	41	2.53	<10
C105551		2.48	0.4	0.41	294	10	50	<0.5	<2	7.01	2.2	33	20	75	7.78	<10
C105552		3.68	<0.2	0.32	64	10	630	<0.5	<2	3.64	1.1	9	10	22	2.30	<10
C105553		5.88	0.4	0.46	90	10	740	<0.5	<2	7.45	<0.5	26	19	60	4.60	<10
C105554		5.20	0.5	0.35	109	10	520	<0.5	<2	6.34	1.9	19	12	68	3.16	<10
C105555		4.00	0.3	0.41	413	10	60	<0.5	2	5.94	1.9	17	17	59	6.10	<10
C105556		4.82	0.6	1.14	96	10	330	<0.5	<2	4.35	<0.5	21	11	36	5.27	<10
C105557		5.60	<0.2	2.13	6	<10	410	<0.5	2	6.63	<0.5	28	38	44	6.06	10
C105558		1.44	0.4	0.65	325	10	140	<0.5	<2	2.22	<0.5	14	21	85	3.61	<10
C105559		6.58	<0.2	0.27	39	<10	690	<0.5	<2	1.01	<0.5	7	10	62	1.78	<10
C105560		5.56	0.3	0.34	33	10	860	<0.5	<2	0.54	<0.5	10	9	55	1.78	<10
C105561		3.28	0.3	0.28	56	<10	700	<0.5	<2	0.69	<0.5	13	14	168	1.49	<10
C105562		7.72	<0.2	0.33	3	<10	1070	<0.5	<2	0.67	<0.5	9	10	106	1.36	<10

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CERTIFICATE OF ANALYSIS VA06118408

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
C105641		<1	0.07	<10	0.04	794	3	<0.01	20	100	2	0.12	3	2	74	<0.01
C105642		<1	0.10	10	0.02	378	<1	<0.01	24	40	6	0.22	<2	3	19	<0.01
C105643		<1	0.11	10	0.02	456	<1	<0.01	30	60	9	0.48	<2	2	32	<0.01
C105644		<1	0.14	10	0.02	721	<1	<0.01	47	390	24	0.36	<2	1	45	<0.01
C105645		<1	0.26	20	0.27	1310	<1	<0.01	49	890	9	0.21	<2	3	165	<0.01
C105646		<1	0.19	10	0.04	378	<1	<0.01	17	460	14	0.04	<2	1	104	<0.01
C105647		<1	0.19	10	0.02	126	<1	<0.01	19	310	28	0.58	<2	1	43	<0.01
C105648		<1	0.14	<10	0.06	1810	14	0.02	21	300	201	0.27	11	1	65	<0.01
C105649		<1	0.14	10	0.02	53	2	<0.01	8	110	44	0.21	<2	1	42	<0.01
C105650		<1	0.10	<10	0.02	132	2	<0.01	19	110	1460	2.14	7	1	98	<0.01
C105551		<1	0.20	10	1.30	6130	<1	<0.01	73	130	87	3.66	2	10	252	<0.01
C105552		1	0.18	20	1.03	1185	1	<0.01	21	230	22	0.58	<2	3	136	<0.01
C105553		<1	0.24	10	1.39	1500	1	<0.01	46	570	35	0.49	<2	10	259	<0.01
C105554		<1	0.22	10	0.50	1870	<1	<0.01	59	410	26	1.02	<2	4	177	<0.01
C105555		<1	0.16	10	0.68	1975	<1	<0.01	53	400	73	2.61	4	6	230	<0.01
C105556		1	0.34	30	0.82	849	1	<0.01	33	1630	14	0.61	<2	4	143	<0.01
C105557		1	0.32	20	1.35	1295	<1	<0.01	33	1370	8	0.34	<2	6	239	0.01
C105558		<1	0.18	10	1.07	1095	<1	<0.01	92	1770	37	1.77	5	2	164	<0.01
C105559		<1	0.11	10	0.70	1735	<1	<0.01	31	90	8	0.43	<2	2	126	<0.01
C105560		1	0.13	10	0.70	1420	<1	<0.01	38	90	7	0.36	<2	2	75	<0.01
C105561		<1	0.09	<10	0.45	2130	4	<0.01	77	60	6	0.48	3	4	72	<0.01
C105562		<1	0.14	10	0.56	1135	<1	<0.01	33	60	6	0.23	<2	2	103	<0.01

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Magnum

Finalized Date: 6-DEC-2006
Account: MTT

CERTIFICATE OF ANALYSIS VA06118408

Sample Description	Method Analyte Units LOR	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
C105641		<10	<10	24	<10	93
C105642		<10	<10	6	<10	77
C105643		<10	<10	9	<10	79
C105644		<10	<10	13	<10	254
C105645		<10	<10	14	<10	171
C105646		<10	<10	8	<10	101
C105647		<10	<10	16	<10	197
C105648		<10	<10	30	50	215
C105649		<10	<10	9	<10	48
C105650		<10	<10	11	<10	135
C105551		<10	<10	30	<10	917
C105552		<10	<10	15	<10	116
C105553		<10	<10	37	<10	146
C105554		<10	<10	15	<10	380
C105555		<10	<10	32	<10	348
C105556		<10	<10	38	<10	131
C105557		<10	<10	58	<10	93
C105558		<10	<10	35	<10	78
C105559		<10	<10	8	<10	53
C105560		<10	<10	11	<10	75
C105561		<10	<10	20	<10	96
C105562		<10	<10	11	<10	61

APPENDIX IV

GEOLOGICAL AND GEOTECHNICAL LOGS

DRILL HOLE LOG
MAGNUM PROPERTY

Hole: MG-06-01 **Zone:**

Northing 7146772 Easting: 523169 Elevation: 576.68m

Drilling Dates: Sept 7-14 2006 Logged By M.NUNEZ Length: 208.79m

Core Diameter: NTW Casing Depth: 30 ft Casing: Out

	0	121.92	208.79		
Depth					
Dip	70	70	70		
Azimuth	165	165	165		

Visual Log			From	To	Interval	Unit	Description	Sulphides	Alteration	From	To	Interval	Sample	Rec.	Rec.
Visual	Struc.	(m)	(m)	(m)	(m)					(m)	(m)	(m)	Number	(m)	%
			0.00	9.20	9.20	RUBBLE	QSMS RUBBLE FRAGMENTS; MOD. OXIDIZED WITH INTERLAMINATED HEMATITE								
			9.20	9.41	0.21	QTZ	FRACTURED MILKY BULL QUARTZ WITH FE OXIDE FR. FILLINGS OCCURING IN BLEBS AND HALOES AROUND MINOR FLECKS OF TALC+ SILVERY MUSCOVITE; CONTACTS 74o TO C/A								
			9.41	10.09	0.68	QMSS	PALE GREEN + BROWN THINLY LAMINATED WEAKLY BOUDINAGED QMSS WITH THIN INTERLAMINATED AND OXIDZED LENSES BEARING RARE OCC. MINOR COARSE PY; WEAKLY DISS. MANGANESE DENDRITES ON FR. SURFACES; BEDDING 67o TO C/A; CRENULATION CLEAVAGE 39o TO C/A								
			10.09	11.53	1.44	EXHL	D. GREY WEAKLY BOUDINAGED CHERTY EXHALITE ; WEAK THINLY LAMINATED PHYL +MUSCOVITE SCHIST WITH OCC. HEM. ALT. LAMINAE; OCC. OXIDIZED FRACTURES X CUTTING LAMINAE; UNIT INTERRUPTED BY 5CM OF QMS @11.05M; FR SETS OCCURING 67o TO C/A								
			11.53	11.72	0.19	BRECCIA	CONTACT 67o TO C/A; RHY + QMS MIXED BRECCIA AND GOUGE								
			11.72	12.19	0.47	QMS	CONTACT 77o TO C/A; TAN BROWN WITH INTERLAMINATED LENSES OF SUCROSIC QTZ; UNIT MOD. TUFFACEOUS; OCC. LAMINAE OF MANGANESE DENDRITES								
			12.19	12.72	0.53	EXHL	DARK GREY WITH FRACTURES OCCURING 50o TO C/A; UNIT IS WEAKLY BOUDINAGED WITH OCC. INTERLAMINATED HEMATITE AND QMS								

DRILL HOLE LOG
MAGNUM PROPERTY

Hole: MG-06-01 **Zone:**

Northing 7146772 Easting: 523169 Elevation: 576.68m

Drilling Dates: Sept 7-14 2006 Logged By M.NUNEZ Length: 208.79m

Core Diameter: NTW Casing Depth: 30 ft Casing: Out

Depth	0	121.92	208.79		
Dip	70	70	70		
Azimuth	165	165	165		

Visual Log			From	To	Interval	Unit	Description	Sulphides	Alteration	From	To	Interval	Sample	Rec.	Rec.
Visual	Struc.	(m)	(m)	(m)	(m)					(m)	(m)	(m)	Number	(m)	%
			12.72	13.14	0.42	QMS	TAN BROWN LIMONITIC QMS ; MOD. TUFFACEOUS AND WEAKLY INTERLAMINATED WITH CALCITE LENSES; BLEBS AND LENSES OF SUCROSIC QTZ AND CHERTY GREY QTZ OCCURING 67 o TO C/A								
			13.14	16.20	3.06	EXHL	GREY SILICA RICH EHALITE; WEAKLY BOUDINAGED WITH THIN LAMINAE OF PHYL; @14.96M LAMINAE BECOME SERICITIC + OXIDIZED; OCC. INTERBEDDED WITH BANDS 2CM WIDE OF OXIDIZED QTZ BRECCIA ; UNIT IS MOD. FRACTURED AND GRADES INTO QMS; WEAK OCC. INTERLAMINATED BANDS OF HEM. AS WELL AS IRREGULAR BLEBS OF PY								
			16.20	19.34	3.14	QMS	MOD. TUFFACEOUSTAN BROWN WITH OCC. INTERLAMINATED BANDS OF SER.; CONTACTS 73o TO C/A; UNIT WEAKLY INTERLAMINATED WITH LENSES OF SUCROSIC QTZ+ GREY QTZ; OCC. BLEBS OF HEM. OXIDE (OXIDIZED PY?) AND RARE MANGANESE DENDRITES ON FR. SURFACES								
			19.34	19.89	0.55	EXHL	MED. GREY AND CHERTY WITH 2 THIN INTERLAMINATED BANDS OF QMSS			19.75	19.87	0.12	WRS		
			19.89	22.97	3.08	QMSS	PALE GREEN WITH OCC. BOUDINAGED LENSES + BLEBS OF SUCROSIC QTZ BEDDED 77o TO C/A ; OCC. THINLY INTERLAMINATED CALCITE; UNIT IS WEAKLY TO MODERATELY TUFFACEOUS WITH REGULALRY INTERLAMINATED BEDS OF LI; OCC. OXIDIZED FLECKS OF PY INTERBEDDED WITH QMS LAMINAE								
			22.97	23.69	0.72	QMS	BROWN TO D. BROWN; UNIT GRADES FROM TAN BROWN MUSCOVITE SCHIST TO DARK BROWN STRONGLY OXIDIZED DARK BROWN TUFFACEOUS SCHIST; UNIT IS NON MAGNETIC								
			23.69	24.38	0.69	BAR. MAG.	MAGNETITE; BOXWORK LIMONITE			23.69	23.90	0.21	C105633		
							CRUSHED COMPETENT CHIPS OF BOXWORK LI, TUFFACEOUS SCHIST AND MAGNETITE; MAGNETITE OCCURS IN CHIPS AND AS LAMINAE WITHIN TUFFACEOUS SCHIST HOST WITH WEAK BOXWORK TEXTURE; MAGNETITE LAMINAE OCCUR 73o TO C/A			23.90	24.18	0.28	C105634		
										24.18	24.38	0.20	C105635		

DRILL HOLE LOG
MAGNUM PROPERTY

Hole: MG-06-01 **Zone:**

Northing 7146772 Easting: 523169 Elevation: 576.68m

Drilling Dates: Sept 7-14 2006 Logged By M.NUNEZ Length: 208.79m

Core Diameter: NTW Casing Depth: 30 ft Casing: Out

	Depth			
Depth	0	121.92	208.79	
Dip	70	70	70	
Azimuth	165	165	165	

Visual Log			From	To	Interval	Unit	Description	Sulphides	Alteration	From	To	Interval	Sample	Rec.	Rec.
Visual	Struc.	(m)	(m)	(m)	(m)					(m)	(m)	(m)	Number	(m)	%
			24.38	25.91	1.53	QMS				24.38	26.53	2.15	C105636		
			TAN BROWN TUFFACEOUS QMS; OCC. INTERLAMINATED WITH HEMATITE AND THIN LENSES OF GREY CHERT AND WEAKLY BOUDINAGED ENVELOPES												
			OF SUCROSIC QUARTZAND BANDS OF SERICITE; 77o TO C/A												
			25.91	26.53	0.62	QTZ									
			FRACTURED BULL QTZ WITH RUSTY BLEBS OF PYRITE OCCURING IN FRACTURE FILLINGS PRECEDED BY 5CM OF CLAY RICH GOUGE; UNIT GRADES												
			VIA BLEBS AND FLOODS INTO TUFFACOUS SCHIST												
			26.53	27.43	0.90	MAG				26.53	27.43	0.90	C105637		
			DARK BROWN TUFFACEOUS MUSCOVITE SCHIST GRADING INTO INTERLAMINATED BOXWORK LIMONITE AND MAGNETITE; UNIT IS DENSE MOD. -												
			STRONGLY OXIDIZED AND VERY MAGNETIC; LAMINAE 78o TO C/A												
			27.43	29.26	1.83	QMSS				27.43	29.26	1.83	C105638		
			THINLY LAMINATED PALE GREEN AND WHITE QMSS WITH DISSEMINATED MANGANESE DENDRITES OCCURING ROUGHLY PARALLEL AND PROXIMAL												
			TO SERICITIC LAMINAE 72o TO C/A; UNIT GRADES INTO BLACK AND GREY QTZ STARTING AT 29.98M; FIRST 50CM INTERLAMINATED WITH OXIDIZED												
			LAMINAE BEARING OCCASIONAL ROTTED BLEBS OF COARSE PY.												
			29.26	29.94	0.68	QTZ				29.26	29.94	0.68	C105639		
			MOD. FRACTURED COMPETENT BULL QTZ THAT'S BEEN MILDLY BRECCIATED BY PINK AND RED HEM. FILLED FRACTURES ; UNIT ABRUPTLY												
			SHIFTS INTO CRUSHED AND OXIDIZED BARITE AND TUFFACEOUS MAGNETITE CONTACT 81O TO C/A FRACTURE SETS OCCURING 84o AND 15o TO C/A												
			29.94	32.00	2.06	B.MAG				30.11	30.18	0.07	WRS		
			CRUSHED AND STRONGLY OXIDIZED BARITE AND MAGNETITE BEARING TUFFACOUS SCHIST FRAGMENTS. UNIT IS THINLY LAMINATED WITH BANDS							31.75	31.84	0.09	WRS		
			OF HEM. AND LENSES OF QTIT 74o TO C/A; UNIT IS RUSTY ORANGE TO RED AND MAGNETITS							29.94	32.00	2.06	C105640		
			32.00	33.67	1.67	RUBBLE				32.00	33.67	1.67	C105641		
			QTZ PEBBLES AND FRAGMENTS OF QSS MIXED WITH HEM. CLY; OCCASIONAL OXIDIZED FRAGMENTS OF BARITE AND MAGNETITE												

DRILL HOLE LOG
MAGNUM PROPERTY

Hole: MG-06-01 | Zone:

Northing	7146772	Easting:	523169	Elevation:	576.68m
Drilling Dates:	Sept 7-14 2006	Logged By	M.NUNEZ	Length:	208.79m
Core Diameter:	NTW	Casing Depth:	30 ft	Casing:	Out

Depth	0	121.92	208.79
Dip	70	70	70
Azimuth	165	165	165

From (m)	To (m)	Interval (m)	Unit	Description
33.67	37.28	3.61	EXHL	SERICITIC CHERTY EXHALITE GREY AND PALE GREEN; DOMINANTLY CHERTY QTZ INTERBEDDED WITH THIN INTERMITTENT SERRICITIC LAMINAE; LAMINAE ARE WEAKLY LIMONITIC WITH OCCASIONAL BLEBS OF PYRITE OCCURING IN OXIDATION HALOES AND FLECKS OF ROTTED PYRITE OCCURING IN GREY CHERT; FR'S 84o TO C/A; OCC. INTERLAMINATED BANDS OF PHYLLITE.
37.28	46.51	9.23	EXHL	PHYLLITIC CHERTY EXHALITE GREY TO BLACK OCC. MOD. LI CHERTY EXHALITE WITH INTERLAMINATED LENSES OF BOUDINAGED SUCROSIC QTZ; GRIT AND QTIT; UNIT IS MOD. TO WEAKLY INTERLAMINATED WITH PHYL; UNIT BECOMES MODERATELY TUFFACOUS AND LIMONITIC FROM 40.72-42.67; BEDDING 84o TO C/A @ 42.37 BEDDING 80o TO C/A @ 45.17; UNIT BECOMES MODERATLEY TO STRONGLY FOLDED INTERNALLY FROM 45.42-46.51 BECOMING DOMINANTLY GREY AND PHYLLITIC IN COMPOSITION
46.51	46.73	0.22	GOUGE	BROWN SOIL LIKE GOUGE CLAY; OCCURS IN THE MIDDLE OF THE RUN; CONTAINS WHAT APPEARS LIKE AN ORGANIC ROOT COMPONENT
46.73	47.44	0.71	EXHL	PHYLLITIC CHERTY EXHALITE DARK GREY CRUSHED CONTACT WITH PHYLLITIC CLAY ABRUPT @ 76o TO C/A WITH OCC. INTERLAMINATED SERICITIC LAMINAE LOWER CONTACT SHARP @ 84o TO C/A
47.44	48.87	1.43	SHR ZONE	LI ORANGE BROWN BREACCIATED BULL QTZ WITH OCC. BLEABS OF COARSE PY. OCCURING IN OXIDIZED HALOES AND AS FRACTURE FILLINGS.; INTERNAL FRACTURES AND LAMINAE OCC. OCCURING 34o TO C/A; ABRUPT LOWER CONTACT 61O TO C/A WITH 10CM OF PALE QUARTZ PEBBLE GOUGE FROM 48.77-48.87
48.87	49.72	0.85	QMS	LI TAN BROWN QMS HEAVILY OXIDIZED WITH PSEUDO STOCKWORK SUCROSIC QTZ AND OCC. FINE DISSEMINATED GRAINS OF PY < 1%; UNIT IS INTERLAMINATED RARELY THIN BANDS OF DARK GREY PHYLLITE; QTZ LAMINAE ALIGNED 63o TO C/A UNIT GRADUALLY BECOMES CLAY RICH AND GOUGEY
49.72	51.17	1.45	MIXED	SHALLOWLY LAMINATED AND CLY ALTERED SERICITIC SCHIST WITH INTERLAMINATED BANDS OF LI QTZ AND PHYLLITE; BANDS ARE FOLDED @30o AND 10o @ 50.14M; QTZ BANDS OCCASIONALLY BRECCIATED; OCCASIONAL QTZ PEBBLES; WITH MODERATELY INTERLAMINATED BANDS OF PHYLLITIC CHERTY EXHALITE; ZONES OF FOLDING BEAR WEAK HEMATITIC BANDS; LOWER CONTACT FAIRLY SHARP @ 51o TO C/A

From (m)	To (m)	Interval (m)	Sample Number	Rec. (m)	Rec. %
36.84	36.93	0.09	WRS		
33.67	35.10	1.43	C105642		
35.10	37.28	2.18	C105643		
37.28	39.62	2.34	C105644		
39.62	42.00	2.38	C105645		
42.00	44.20	2.20	C105646		
44.20	46.51	2.31	C105647		
46.51	46.73	0.22	C105648		
46.73	47.44	0.71	C105649		
47.44	48.87	1.43	C105650		
48.87	49.72	0.85	C105551		
49.72	51.17	1.45	C105552		

DRILL HOLE LOG
MAGNUM PROPERTY

Hole: MG-06-01 **Zone:**

Northing 7146772 Easting: 523169 Elevation: 576.68m

Drilling Dates: Sept 7-14 2006 Logged By M.NUNEZ Length: 208.79m

Core Diameter: NTW Casing Depth: 30 ft Casing: Out

	Depth			
Depth	0	121.92	208.79	
Dip	70	70	70	
Azimuth	165	165	165	

Visual Log			From	To	Interval	Unit	Description	Sulphides	Alteration	From	To	Interval	Sample	Rec.	Rec.
Visual	Struc.	(m)	(m)	(m)	(m)					(m)	(m)	(m)	Number	(m)	%
			51.17	53.34	2.17	QMS				51.17	53.34	2.17	C105553		
			TUFFACEOUS TAN BROWN QMS WITH PSEUDO STOCKWORK QTZ VEINLETS AND SERICITIC LAMINAE OCCURING WITH MANGANESE DENDRITES ON												
			FRACTURE SURFACES; FRACTURE SETS @15o TO C/A WITH QTZ LAMINAE OCCURING @57 o TO C/A; UNIT INTERLAMINATED WITH WEAK CALCITE												
			AND BOUDINAGED (AUGENS?) OF PHYLLITE @ 52.59												
			53.34	54.90	1.56	MIXED				53.34	54.90	1.56	C105554		
			INTERBEDDED D. GREY EXHALITE, LIMONITIC QMS, AND WEAKLY LIMONITIC QSS/QMSS WITH OCC. BOUDINAGED FOLIFORM LENSES OF CALCITE												
			WITHIN SCHISTS. Fr's AND LAMINAE 65o TO C/A												
			54.90	57.50	2.60	EXHL				54.90	56.19	1.29	C105555		
			INTERBEDDED DARK GREY EXHALITE; LAMINAE 72o TO C/A; UNIT IS BOUDINAGED WITH INTERLAMINATED LENSES AND CLASTS OF QTIT AND OCC.												
			BANDS OF LIMONITE SURROUNDING QTIT CLASTS												
			57.50	58.84	1.34	QMS									
			TAN BROWN TUFFACEOUS WITH SHARP CONTACT 72o TO C/A; UNIT WEAKLY TO MOD. INTERLAMINATED WITH CALCITE AND OCC. LAMINAE OF												
			SERICITE; LOWER CONTACT OBSCURED BY CRUSHED EXHALITE AND SERICITIC CLAY												
			58.84	60.31	1.47	EXHL									
			DARK GREY BOUDINAGED WITH INTERLAMINATED LENSES OF SUCROSIC QUARTZ AND OCC. LI LAMINAE ASSOCIATED WITH PHYLLITIC HORIZONS												
			AND BOUDINAGED LENSE OF QTIT?SUCROSIC QUATRZ? SHARP LOWER CONTACT 39o TO C/A TERMINATING IN 14CM OF QTZ												
			60.31	75.81	15.50	AND				71.85	73.85	2.00	C105556		
			PALE GREEN ANDESITE; FIRST 60CM WEAKLY LI TUFFACOES QMS INTERLAMINATED WITH PALE GREEN AND; QMSS IS WEAKLY LIMONITIC AND							73.85	75.81	1.96	C105557		
			OXIDIZED ALONG THINLY BEDDED LENSES AND BLEBS OF COARSE PY AND EXHL PROXIMAL TO SUCROSIC QTZ BANDS; UNIT IS MODERATELY												
			TUFFACEOUS AND INTERLAMINATED WITH CALCITE; UNIT IS OCC. INTERBEDDED WITH BANDS OF EXHL AND THINLY LAMINATED HEM. OXIDE												
			FRACTURE SETS OCCURING 67o TO C/A @63.80M ; 68o TO C/A @ 65.07M; 71o TO C/A @69.82M												
			20CM OF EXHL DIVIDED BY 5CM OF OXIDZED AND PYRITIC QMSS; PY IS OCCURING IN BLEBS ALONG SEAMS OF LAMINAE @70.10M; FR'S 77o												
			TO C/A @ 71.63M												
			71.85-71.97 BRECCIATED BULL QTZ WITH SERICITIC CLAY FOLLOWED BY 35CM OF LI AND CLAY ALTERED QMS ;FR SETS OCCUR												
			43o TO C/A WITH 5CM OF GOUGE; 7CM EXHALITE BAND AT 73.04M												

DRILL HOLE LOG
MAGNUM PROPERTY

Hole: MG-06-01 Zone:

Northing 7146772 Easting: 523169 Elevation: 576.68m

Drilling Dates: Sept 7-14 2006 Logged By M.NUNEZ Length: 208.79m

Core Diameter: NTW Casing Depth: 30 ft Casing: Out

	0	121.92	208.79
Depth			
Dip	70	70	70
Azimuth	165	165	165

Visual Log			From	To	Interval	Unit	Description	Sulphides	Alteration	From	To	Interval	Sample	Rec.	Rec.
Visual	Struc.	(m)	(m)	(m)	(m)					(m)	(m)	(m)	Number	(m)	%
							2MM PYRITE SEAM OCCURING ALONG SUCROSIC QTZ BAND 33o TO C/A @ 73.50M; SEAM X CUTS 5CM D. GREY TO BLACK CHERTY QTZ BAND 72o TO C/A @ 73.93M; QMSS GRADES INTO QMS IN LAST 27CM. LOWER CONTACT SHARP WITH 3 CM OF PHYLLITIC GOUGE 69o TO C/A								
			75.81	76.91	1.10	PHYL	DARK GREY MOD. INTERLAMINATED WITH DARK GREY GREASY PHYLLITE. UNIT OCC. INTERLAMINATED WITH PALE GREEN QMSS; UNIT IS MOD. TO WEAKLY LI AS IT GRADES INTO QMSS; MODERATELY REACTIVE TO ACID WITH BOUDINAGED ENVELOPES AND LENSES OF QTIT AND CALCITE; LAMINAE OCCURING 66o TO C/A								
			76.91	81.77	4.86	AND	PALE GREEN WEAKLY LI MOD. TUFFACEOUS QSMS INTERLAMINATED WEAKLY WITH D. GREY PHYL, CALCITE AND RUSTY PYRITIC BLEBS AND FOLIFORM FR. FILLINGS FR 60o TO C/A @ 79.77; 79.77-81.77 MARKED BY INTERMITTENT IRREGULAR QTZ FLOODS AND STRONGLY INTERLAMINATED WITH QMS; QTZ FLOODS ARE MOD. FR. WITH LI AND WEAK BLEBS OF ROTTED PY								
			81.77	84.69	2.92	AND	QMSS? COMPETENT PALE FOREST GREEN; RESEMBLES QMSS THOUGH SERICITE NOT APPARENT ON FR. SURFACES; WEAKLY TUFFACEOUS; WEAKLY TO MODERATELY INTERLAMINATED WITH CALCITE AND OCC. BANDS OF LI; FR'S 72o TO C/A @ 82.20M			84.00	84.10	0.10	WRS		
			84.69	85.41	0.72	QMS	UNIT BECOMES MOD. LI WITH OCC. FOLIFORM LENSES AND BLEBS OF ROTTED PY AND IRREGULAR FOLIFORM QTZ BANDS 42o TO C/A LOWER CONTACT SHARP 74o TO C/A; TAN BROWN AND MOD. TUFFACEOUS								
			85.41	87.19	1.78	EXHL	BLACK AND CHERTY; RESEMBLES PHYL THOUGH UNIT IS THINLY LAMINATED AND DOMINATELY QUARTZ; UNIT IS WEAKLY LI WITH INTERLAMINATED LI LENSES AND OCC. BLEBS OF FOLIFORM ROTTED PY; UNIT IS INTERBEDDED WEAKLY WITH LI QMSS AND GRADES INTO QMSS TERMINATEING IN 3CM OF QTZ; LAMINATIONS OCCUR 72o TO C/A @ 85.44M QTZ BANDS OCCURS 54o TO C/A; UNIT IS INTERLAMINATED WITH D. GREY GREASY PHYL.								
			87.19	97.72	10.53	QSMS	PALE GREEN LI INTERLAMINATED SUCROSIC QTZ, CALCITE, PHYL WITH OCC. FLECKS OF ROTTED PY; UNIT IS WEAKLY LI FROM 87.19-88.39 WITH OCC. BOUDINAGED QTZ LENSESOF COARSE FOLIFORM PY ; FR. 67o TO C/A @ 88.39 75o TO C/A @ 91.44 64o TO C/A @ 92.96 71o TO C/A @94.49 LOWER CONTACT SHARP @ 97.72 69o TO C/A			97.00	97.09	0.09	WRS		

DRILL HOLE LOG
MAGNUM PROPERTY

Hole: MG-06-01 **Zone:**

Northing 7146772 Easting: 523169 Elevation: 576.68m

Drilling Dates: Sept 7-14 2006 Logged By M.NUNEZ Length: 208.79m

Core Diameter: NTW Casing Depth: 30 ft Casing: Out

	Depth	0	121.92	208.79
	Dip	70	70	70
	Azimuth	165	165	165

Visual Log			From	To	Interval	Unit	Description	Sulphides	Alteration
Visual	Struc.	(m)	(m)	(m)	(m)				
			97.72	99.06	1.34	PHYL			
			97.72-99.06 UNIT IS WEAKLY INTERLAMINATED WITH LI LAMINAE WITH INTERBEDDED ISOLATED GRAINS OF COARSE PY; 3CM OF GOUGE@ 98.25 IS PRECEDED BY 2 QTZ LAMINAE AND 2 CM OF BOUDINAGED GREY GRITTY QTIT 36o TO C/A; UNIT IS MODERATELY INTERLAMINATED WITH LENSES OF BOUDINAGED QTIT; LI ENVELOPES WEAKLY FOLIFORM AND ASSOC. WITH LENSES OF QTZ; UNIT IS D. GREY TO BLACK AND GREASY(GRAPH ALT?); LAMINAE OCCUR 73o TO C/A		
			99.06	102.20	3.14	PHYL			
			D. GREY TO BLACK LM 76o TO C/A THINLY LM. WEAKLY INTERBEDDED WITH BOUDINAGED ENVELOPES OF GRITTY QTIT; OCC. INTERLAMINATED MM BANDS OF WHITE SUCROSIC QUARTZ; RARE OCC. INTERLAMINATED COARSE EUH PY; RARE OCC. BOUDINAGED ENVELOPES OF RUSTY MILKY QTZ; UNIT IS CRUSHED AND D. GREY; CLY ALT FORMS 100.72-100.92; SHARP LOWER CONTACT62o TO C/A @ 102.20		
			102.20	102.91	0.71	EXHL			
			PHYL BECOMES QTZ FLOODED PARALLEL TO C/A AND ALTERS TO INTERLAMINATED CHERTY EXHL; QTZ BEARS FR. FILLINGS OF EMERALD GREEN SOFT TALC?WHICH BECOMES WEAKLY INTEGRATED INTO THE SURROUNDING CHERT;THIN WEAKLY INTERLAMINATED PHYL WITHIN CHERT ROUGHLY LM 72o TO C/A; OCC. THIN INTERLAMINATED ENVELOPES OF PY AND INTERBEDDED COARSE PY OCCURING WITHIN CHERT AND INTERBEDDED WITH PHYL		
			102.91	105.45	2.54	PHYL			
			THICKLY BAND D.GREY + PALE GREEN INTERBEDDED PHYL+ SOFT GREEN QTIT; UNIT IS WEAKLY BOUDINAGED WITH OCC. BLEBS AND INTERBEDDED LENSES OF COARSE PY; UNIT IS INTRUDED WITH 9CM QTZ FLOOD @ 104.26M BEARING FR. FILLINGS OF SOFT GREEN TALC? CONTACTS AROUND QTZ FLOOD SHARP 77o TO C/A; LM. WITHIN UNIT 77o TO C/A; PY PRIMARILY ASSOC. WITH BOUDINAGED QTIT MINERALIZATION MOST INTENSE AROUND BULL QTZ CONTACTS; OVERALL 1-2% MIN.		
			105.45	109.28	3.83	PHYL			
			D.GREY MOD. INTERBEDDED WITH CLASTS OF BOUDINAGED PEBBLE SIZED QTIT UNIT IS THINLY LM. WITH RARE OCC. INTERBANDS OF PALE GREEN SOFT QTIT; LM. 74o @108.20M + 69o TO C/A @105.58M		
			109.28	115.22	5.94	PHYL			
			PALE GREEN + D. GREY MOD. BANDED WEAKLY BOUDINAGED INTERLAMINATED PALE GREEN ALT QTIT D. GREY PHYL AND MED. GREY SUCROSIC EXHL; UNIT IS OCC. INTERLAMINATED WITH IRREGULAR FOLIFORM PSEUDO STOCKWORK MILKY QTZ BANDS WHICH ARE WEAKLY ALT TO PALE YELLOW CLAY ; LM. 70o TO C/A; RARE OCC. BLEBS OF COARSE INTERLAMINATED PY ASSOC WITH PALE GREEN QTIT BANDS; 2CM OF GOUGE @103.15 13CM OF QSMS @ 113.40 LM 69o TO C/A		
			115.22	120.33	5.11	PHYL			
			D.GREY MOD. BOUDINAGED CLASTS OF QTIT WITHIN LM. PHYL WITH OCC. 5CM MILKY QTZ FLOODS AND PSEUDO STOCKWORK VEINLETS OF QTZ QTZ FLOODS ARE ROUGHLY FOLIFORM AND WAVY WITH OCC. FR. FILLINGS OF TALC?; FR. @118.15 51o TO C/A; 47o TO C/A @117.35M		

From	To	Interval	Sample	Rec.	Rec.
(m)	(m)	(m)	Number	(m)	%
97.72	98.32	0.60	C105558		
102.93	103.03	0.10	WRS		

DRILL HOLE LOG
MAGNUM PROPERTY

Hole: MG-06-01 **Zone:**

Northing 7146772 Easting: 523169 Elevation: 576.68m

Drilling Dates: Sept 7-14 2006 Logged By M.NUNEZ Length: 208.79m

Core Diameter: NTW Casing Depth: 30 ft Casing: Out

	From	To	Interval
Depth	0	121.92	208.79
Dip	70	70	70
Azimuth	165	165	165

Visual	Struc.	(m)	From (m)	To (m)	Interval (m)	Unit	Description	Sulphides	Alteration	From (m)	To (m)	Interval (m)	Sample Number	Rec. (m)	Rec. %
			120.33	121.22	0.89	EXHL	D.GREY WEAK GREEN CHERT INTERBEDDED WITH 21CM OF BOUDINAGED PHYL; CHERT APPEARS MOD. TUFFACOUS AND IS VERY WEAKLY INTERLAMINATED WITH PHYL+ FLECKS OF BOUDINAGED PHYL AND WEAK COARSE PY; SHARP CONTACTS WITH PHYL UNIT								
			121.22	124.75	3.53	PHYL	MOD.- WEAKLY INTERBEDDED + LM. PALE GREEN QTIT + PHYL; BANDS ARE LM. 46o TO C/A + OFFSET STEPWISE BY FR'S 85o TO C/A; UNIT TERMINATES IN TWO 12CM QTZ FLOODS WITH EMERLD GREEN TALC? FR. FILLINGS WITH CONTACTS 70o TO C/A; RARE OCC. BLEBS OF COARSE PY			124.19	124.32	0.13	WRS		
			124.75	128.02	3.27	PHYL	MOD.-STRONGLY BOUDINAGED CLASTS OF QTIT INTERBEDDED WITHIN PHYL; UNIT RESEMBLES A CONG.; QTIT OCCURS IN ROUNDED ELONGATE CLASTS + LENSES UNIT IS 1-2% MIN. WITH BLEBS OF COARSE EU. PY WHICH BECOME WEAKLY OXIDIZED DOWN SECTION; CLASTS + LM ROUGHLY ORIENTED 73o TO C/A UNIT GRADES INTO MORE LM. LESS BOUDINAGED PHYL IN LAST 40CM; LOWER CONTACT 54o TO C/A								
			128.02	137.16	9.14	QSS	SILICIFIED PALE GREEN AND ORANGE INTERLAMINATED QTZ SER. SCH.; UNIT IS MOD. FR'D AND WEAKLY INTERLAMINATED WITH ORANGE OXIDIZED LM OCCURING ALONG SER. BANDS; RARE OCC. INTERLAMINATED BLEBS OF COARSE PY; FR'S OCCUR 67o TO C/A WHILE LM. OCCUR ROUGHLY 69o TO C/A; OCC. OXIDIZED FR'S ROUGHLY 17o TO C/A; UNIT IS FR'D PARALLEL TO C/A @ 150.88 OVER 43CM			127.54	129.54	2.00	C105559		
										129.54	131.95	2.41	C105560		
			137.16	138.48	1.32	BRECCIA	OXIDIZED AND WEAKLY SER CLY ALT QTZ PEBBLE BRECCIA; UNIT IS ORAGNE WHITE LOWER CONTACT IRREGULAR APPROX. 55o TO C/A			137.16	138.48	1.32	C105561		
			138.48	142.51	4.03	QSS	FR. PALE GREEN AND ORANGE INTERLAMINATED QTZ SERICITE SCHIST; UNIT MOD. FR AND WEAKLY INTERLAMINATED WITH ORANGE OXIDIZED LM OCCURING ALONG SER BANDS; RARE OCC. INTERLAMINATED BLEBS OF COARSE PY.; FR'S OCCUR 67o TO C/A WHILE LM OCCUR ROUGHLY 69o TO C/A; OCC. OXIDIZED FR'S 27o TO C/A								
			142.51	161.03	18.52		PALE GREEN INTERLAMINATED QSS WITH RARE OCC. BLEBS OF OXIDIZED PY. UNIT IS LM. 79o TO C/A @ 143.70; 67o @ 147.83; 64o @ 152.4M ; 145.30 - 147.41 UNIT IS WEAKLY CRENULATED WITH FR'S ROUGHLY 17o TO C/A ; UNIT IS FRACTURED PARALLEL TO C/A @ 150.88 OVER 43CM; LM OCCUR 79o TO C/A @ 153.92, 74o TO C/A @156.87, AND 85o TO C/A @160.57			143.40	143.53	0.13	WRS		

DRILL HOLE LOG
MAGNUM PROPERTY

Hole: MG-06-01 **Zone:**

Northing 7146772 Easting: 523169 Elevation: 576.68m

Drilling Dates: Sept 7-14 2006 Logged By M.NUNEZ Length: 208.79m

Core Diameter: NTW Casing Depth: 30 ft Casing: Out

Depth	0	121.92	208.79		
Dip	70	70	70		
Azimuth	165	165	165		

Visual Log			From	To	Interval	Unit	Description	Sulphides	Alteration	From	To	Interval	Sample	Rec.	Rec.
Visual	Struc.	(m)	(m)	(m)	(m)					(m)	(m)	(m)	Number	(m)	%
			161.03	164.30	3.27	QSS									
			UNIT BECOMES WEAKLY CRENULATED WITH OCC. INTERBEDDED QTZ FLOODS AND ASSOC BLEBS OF COARSE PY; UNIT IS MIN. 2% ; FLOODS OCCUR												
			72o TO C/A AND 36o TO C/A; OCC. HEM. ON FR. SURFACES LOWER CONTACT 82o TO C/A UPPER CONTACT 53o TO C/A; LM 85o TO C/A @ 176.21; 84o												
			TO C/A @ 178.31; 78o @ 180.18M; 32 CM OF BULL QUATRZ @ 181.36 CONTACTS OCCUR 73o TO C/A; UNIT IS OCC. ALT TO PINK HEM. ON FR. SURFACES;												
			LM 73o TO C/A @182.88M ; LM 83o TO C/A @ 185.93; LM 64o @ 187.45M; 76o 190.15M ; 80o @ 191.27M												
			164.30	191.23	26.93	QSS				173.18	173.32	0.14	WRS		
			PALE GREEN NORMALLY BEDDED INTERLAMINATED QTZ AND QSS LM 85o TO C/A @ 164.59 AND 79o TO C/A @167.64 WITH 42CM OF SUCROSIC QTZ												
			ALONG FR'S OCCURING 10o TO C/A; UNIT BECOMES CRUSHED AND CLY ALTERED FROM 171.62-172.00; 32CM OF BULL QTZ @ 174.16 WITH WEAK OCC.												
			BLEBS OF PY.												
			191.23	194.76	3.53	QSS									
			UNIT BECOMES 2% MIN. WITH BLEBS OF COARSE PY APPROACHING CONTACT WITH 45CM QTZ FLOOD STARTING @191.66; LM BECOME IRREG; UNIT												
			FR'S @ 35o + 72o; MIN. DROPS OFF AFTER SECOND 50CM QTZ FLOOD THAT ENDS @ 193.97M; UNIT IS WEAKLY BRECCIATED FROM 194.31-194.76 WITH												
			CONTACTS 30o TO C/A												
			194.76	195.59	0.83	QSS									
			REGULARLY INTERLAMINATED PALE GREEN QSS 83o TO C/A; UNIT THEN GRADES INTO D.GREY PHYL												
			195.59	197.30	1.71	PHYL									
			D.GREY THINLY LM WITH ENVELOPES AND LENSES OF BOUDINAGED MED. GREY QTIT; UNIT IS SOFT + WEAKLY CLY ALT ALONG LM. CONTACTS; UPPER												
			CONTACT 82o TO C/A; LOWER CONTACT 80o TO C/A; UNIT GRADES INTO PALE GREEN QSS												
			197.30	208.79	11.49	QSS				204.14	206.88	2.74	C105562		
			PALE GREEN INTERBEDDED QSS REGULARLY LM. AND VERY WEAKLY HEM. ON SURFACES WITH <1% INTERBEDDED BLEBS AND LENSES OF PY. UNIT												
			TERMINATES IN MILKY WHITE CLEAN BULL QTZ@ 207.86 UNIT IS LM. 78o @198.12; 85o @199.64; 80o @ 201.17; 80o @204.42 AND 82o @ 207.36												
			E.O.H 208.79												

GEOTECHNICAL LOG
MAGNUM PROPERTY

Hole: MG-06-01 Logger: M. NUNEZ Date: 8-Sep-06

From (m)	To (m)	Length (m)	REC	REC%	RQD	RQD%	BRKG	HARD	WTHR	XJNT	XJ/M	BJNT	BJ/M	SHAPE	RGH	Remarks
0.00	9.14	9.14	0.14	2	0.00	0										
9.14	10.67	1.53	1.30	85	0.14	9										
10.67	12.19	1.52	1.42	93	0.14	9										
12.19	13.72	1.53	1.53	100	0.14	9										
13.72	15.24	1.52	1.36	89	0.11	7										
15.24	16.76	1.52	1.47	97	0.21	14										
16.76	18.29	1.53	1.24	81	0.00	0										
18.29	19.81	1.52	1.50	99	0.21	14										
19.81	21.34	1.53	1.41	92	0.53	35										
21.34	22.86	1.52	1.32	87	0.76	50										
22.86	24.38	1.52	1.48	97	0.26	17										
24.38	25.91	1.53	1.40	92	0.13	8										
25.91	27.43	1.52	1.47	97	0.27	18										
27.43	28.96	1.53	1.42	93	0.39	25										
28.96	30.48	1.52	1.49	98	0.34	22										
30.48	32.00	1.52	1.07	70	0.29	19										
32.00	33.53	1.53	0.57	37	0.00	0										
33.53	35.05	1.52	1.42	93	0.00	0										
35.05	36.58	1.53	1.52	99	0.00	0										
36.58	38.10	1.52	1.40	92	0.21	14										
38.10	39.62	1.52	1.34	88	0.12	8										
39.62	41.15	1.53	1.58	103	0.11	7										
41.15	42.67	1.52	1.49	98	0.24	16										
42.67	44.20	1.53	1.52	99	0.25	16										
44.20	45.72	1.52	1.49	98	0.00	0										
45.72	47.24	1.52	1.15	76	0.51	34										
47.24	48.77	1.53	1.43	93	0.00	0										
48.77	50.29	1.52	1.81	119	0.92	61										
50.29	51.82	1.53	1.34	88	0.64	42										
51.82	53.34	1.52	1.47	97	0.24	16										
53.34	54.86	1.52	1.52	100	0.25	16										
54.86	56.39	1.53	1.53	100	0.23	15										
56.39	57.91	1.52	1.55	102	1.22	80										
57.91	59.44	1.53	1.53	100	0.24	16										
59.44	60.96	1.52	1.52	100	0.22	14										
60.96	62.48	1.52	1.51	99	0.6	39										
62.48	64.01	1.53	1.48	97	0.98	64										

GEOTECHNICAL LOG
MAGNUM PROPERTY

Hole: MG-06-01 Logger: M. NUNEZ Date: 8-Sep-06

From (m)	To (m)	Length (m)	REC	REC%	RQD	RQD%	BRKG	HARD	WTHR	XJNT	XJ/M	BJNT	BJ/M	SHAPE	RGH	Remarks
64.01	65.53	1.52	1.48	97	0.94	62										
65.53	67.06	1.53	1.50	98	1.41	92										
67.06	68.58	1.52	0.84	55	0.59	39										
68.58	70.10	1.52	0.58	38	0.54	36										
70.10	71.63	1.53	1.52	99	1.43	93										
71.63	73.15	1.52	1.38	91	0.53	35										
73.15	74.68	1.53	1.47	96	0.61	40										
74.68	76.20	1.52	1.46	96	0.63	41										
76.20	77.72	1.52	1.51	99	1.02	67										
77.72	79.25	1.53	1.51	99	0.85	56										
79.25	80.77	1.52	1.60	105	0.86	57										
80.77	82.29	1.52	1.53	101	0.77	51										
82.29	83.82	1.53	1.48	97	0.99	65										
83.82	85.34	1.52	1.60	105	0.75	49										
85.34	86.87	1.53	1.35	88	0.90	59										
86.87	88.39	1.52	1.70	112	0.95	63										
88.39	89.92	1.53	1.25	82	0.89	58										
89.92	91.44	1.52	1.25	82	0.98	64										
91.44	92.96	1.52	1.52	100	1.17	77										
92.96	94.49	1.53	1.33	87	0.54	35										
94.49	96.01	1.52	1.81	119	0.82	54										
96.01	97.54	1.53	1.51	99	0.59	39										
97.54	99.06	1.52	1.35	89	0.45	30										
99.06	100.58	1.52	1.45	95	0.00	0										
100.58	102.11	1.53	1.38	90	0.12	8										
102.11	103.63	1.52	1.38	91	0.47	31										
103.63	105.16	1.53	1.51	99	0.43	28										
105.16	106.68	1.52	1.28	84	0.00	0										
106.68	108.2	1.52	1.59	105	0.00	0										
108.2	109.73	1.53	1.4	92	0.32	21										
109.73	111.25	1.52	1.47	97	0.22	14										
111.25	112.78	1.53	1.45	95	0.21	14										
112.78	114.3	1.52	1.64	108	0.42	28										
114.3	115.82	1.52	1.41	93	0.46	30										
115.82	117.35	1.53	1.52	99	0.28	18										
117.35	118.87	1.52	1.52	100	0.27	18										
118.87	120.4	1.53	1.49	97	0.49	32										

GEOTECHNICAL LOG
MAGNUM PROPERTY

Hole: MG-06-01 Logger: M. NUNEZ Date: 8-Sep-06

From (m)	To (m)	Length (m)	REC	REC%	RQD	RQD%	BRKG	HARD	WTHR	XJNT	XJ/M	BJNT	BJ/M	SHAPE	RGH	Remarks
120.40	121.92	1.52	1.39	91	1.01	66										
121.92	123.44	1.52	1.48	97	1.22	80										
123.44	124.97	1.53	1.46	95	0.77	50										
124.97	126.49	1.52	1.47	97	1.09	72										
126.49	128.02	1.53	1.54	101	0.48	31										
128.02	129.54	1.52	1.42	93	0.42	28										
129.54	131.04	1.50	1.51	101	0.12	8										
131.04	132.59	1.55	0.94	61	0.00	0										
132.59	134.11	1.52	1.47	97	0.28	18										
134.11	135.64	1.53	1.52	99	0.79	52										
135.64	137.16	1.52	1.55	102	0.66	43										
137.16	138.68	1.52	1.37	90	0.69	45										
138.68	140.21	1.53	1.47	96	0.12	8										
140.21	141.73	1.52	1.40	92	0.36	24										
141.73	143.26	1.53	1.58	103	0.55	36										
143.26	144.76	1.50	1.51	101	0.96	64										
144.76	146.30	1.54	1.55	101	1.15	75										
146.30	147.83	1.53	1.55	101	1.03	67										
147.83	149.35	1.52	1.49	98	1.10	72										
149.35	150.88	1.53	1.56	102	1.12	73										
150.88	152.40	1.52	1.40	92	0.69	45										
152.40	153.92	1.52	1.55	102	0.30	20										
153.92	155.45	1.53	1.55	101	0.77	50										
155.45	156.97	1.52	1.42	93	0.70	46										
156.97	158.50	1.53	1.32	86	0.00	0										
158.50	160.02	1.52	1.44	95	0.33	22										
160.02	161.54	1.52	1.55	102	0.75	49										
161.54	163.07	1.53	1.57	103	0.71	46										
163.07	164.59	1.52	1.50	99	0.22	14										
164.59	166.12	1.53	1.44	94	0.63	41										
166.12	167.64	1.52	1.63	107	1.15	76										
167.64	169.16	1.52	1.37	90	1.21	80										
169.16	170.69	1.53	1.55	101	0.99	65										
170.69	172.21	1.52	1.5	99	0.73	48										
172.21	173.74	1.53	1.37	90	0.56	37										
173.74	175.26	1.52	1.56	103	0.5	33										
175.26	176.78	1.52	1.42	93	0.44	29										

GEOTECHNICAL LOG
MAGNUM PROPERTY

Hole: MG-06-01 Logger: M. NUNEZ Date: 8-Sep-06

From (m)	To (m)	Length (m)	REC	REC%	RQD	RQD%	BRKG	HARD	WTHR	XJNT	XJ/M	BJNT	BJ/M	SHAPE	RGH	Remarks
176.78	178.31	1.53	1.52	99	0.33	22										
178.31	179.83	1.52	1.51	99	0.43	28										
179.83	181.36	1.53	1.56	102	0.74	48										
181.36	182.88	1.52	1.63	107	0.79	52										
182.88	184.40	1.52	1.38	91	0.69	45										
184.40	185.93	1.53	1.52	99	0.75	49										
185.93	187.45	1.52	1.46	96	0.77	51										
187.45	188.98	1.53	1.51	99	0.36	24										
188.98	190.50	1.52	1.47	97	0.10	7										
190.50	192.02	1.52	1.51	99	0.66	43										
192.02	193.55	1.53	1.44	94	0.57	37										
193.55	195.07	1.52	1.34	88	0.49	32										
195.07	196.60	1.53	1.49	97	0.32	21										
196.60	198.12	1.52	1.53	101	0.59	39										
198.12	199.64	1.52	1.56	103	0.53	35										
199.64	201.17	1.53	1.49	97	0.68	44										
201.17	202.69	1.52	1.46	96	0.45	30										
202.69	204.22	1.53	1.54	101	0.31	20										
204.22	205.74	1.52	1.45	95	0.17	11										
205.74	207.26	1.52	1.47	97	0.60	39										
207.26	208.79	1.53	1.45	95	0.21	14										
208.79	EOH															

DRILL HOLE LOG
MAGNUM PROPERTY

Hole: MG-06-02 **Zone:**

Northing: 7146532 Easting: 522515 Elevation: 530m

Drilling Dates: Sept 15-17 2006 Logged By M.NUNEZ

Core Diameter: NTW Casing Depth: 4.57m Casing: Out

	From	To	Interval	Unit	Description	Sulphides	Alteration
Visual Log: Visual							
Visual Log: Struc.							
Visual Log: (m)	(m)	(m)	(m)				
	2.98	4.57		QMSS			
					PALE GREEN SER. ALTERED SCHIST WITH THINLY LAMINATED BANDS OF LI AND WEAKLY ASOC. ROTTED COARSE PY; UNIT IS REGULARLY		
					LAMINATED WITH SUCROSIC QTZ 77° TO C/A; MANGANESE (MN) DENDRITES ON FR. SURFACES; 10% TUFFACEOUS GRIT (FX'S) MOD. BLEBS OF		
					CA + OCC BLEBS OF FOLIFORM GREY QTZ ; INCRESING LI TOWARDS GRADATIONAL CONTACT		
	4.57	7.20		QMS			
					TAN BROWN MUSC. SCHIST; THINLY LAMINATED WITH SUCROSIC QTZ SWEATS OCCURING REGULARLY 63° TO C/A WITH OCC. WELL DEFINED		
					0.5 CM SUCROSIC BANDS OCCURING 30° TO C/A BEARING 40% BLACK MN? PHYL? OCC. INTERLAMINATED THIN BANDS OF BLACK PHYL ; OCC.		
					PATCHES OF MN DENDRITES ASSOC WITH PHYL BANDS 75° TO C/A; UNIT MOD. LI ALTERED WITH 5% ROTTED COARSE PY; MOD. INTER-		
					LAMINATED CA AND RARE OCC. THIN BANDS OF GRAPH. OCCURING PARALLEL TO C/A ; 5 CM OF LI GOUGE MATERIAL @ 6.10m;		
					INTERBEDDED PHYL BANDS OCC. INTERLAMINATED WITH RHYOLITIC ? GREY QTZ		
	7.20	10.67		MIXED	QMS, PHYL, QTIT, RHYL		
					LI ALT, TAN BROWN QMS QITH FINE GRAINED DISS. PY AND WEAKLY ROTTED COARSE PY; WEAK INTERBEDDED CA; UNIT NTERBEDDED WITH 50cm		
					OF THINLY LAMINATED PHYL 69° TO C/A + GREY RHYL QTZ; PSEUDO STOCKWORK mm BANDS OF SUCROSIC QTZ PERMEATE SCHIST BANDS; WELL		
					DEFINED SUCROSIC QTZ cm WIDE BANDS OCCURING 30° TO C/A ; MOD. TUFFACEOUS GRIT ASSOC. WITH SCHIST; INTERBEDDED 40 cm BAND OF		
					PHYL+ BRECCIATED BLACK SILICA WITH BLEBS OF SOFT LI CLY; LOWER CONTACT SHARP 68° TO C/AENDING WITH 7CM OF D.GREY QTIT		
	10.67	13.32		AND	QSMS?		
					FOREST GREEN F.G. ANDESITE; RESEMBLES QSMS; MOD- STRONGLY DISS. TUFFACEOUS GRIT; MOD. BLEBESOF CA; FR. 77° TO C/A; UNIT IS VERY		
					COMPETENT; UNIT BEARS MINOR BLEBS OF OXIDIZED PY; MOD. THINLY BANDED PSEUDO STOCKWORK SUCROSIC QTZ AND DISS. BLEBS OF		
					FOLIFORM QTZ; THIN BANDS OF CA 55° TO C/A		
	13.32	13.72		QMS			
					TAN BROWN TUFFACEOUS; GRAD. CONTACT WITH AND.; UNIT BEARS 1 cm WIDE SUCROSIC QTZ BAND 25° TO C/A; MOD. P. STOCKWORK SUCROSIC		
					QTZ; WEAK INTERBANDED CA.; MOD. INTERBEDDED GREY QTZ; UNIT MOD. LI WITH BLEBS OF ROTTED PY		
	13.72	15.68		EXHL			
					D. GREY FOLIFORM CHERTY QTZ WITH THINLY INTERLAMINATED PHYL; SHARP UPPER CONTACT 72° TO C/A; MINOR DISS. PY ASSOC. WITH PHYL BANDS;		
					PHYL BANDS OCCUR 77° TO C/A; POSSIBLE CHERTY EXHALITE?		

	Depth	Dip	Azimuth
	0	70	142
	160.02	68	142
Length:	160.02m		

From (m)	To (m)	Interval (m)	Sample Number	Rec. (m)	Rec. %
3.62	3.70	0.08	WRS		
4.01	6.27	2.26	C105601		
6.27	8.77	2.50	C105602		
8.77	10.67	1.90	C105603		
12.01	12.11	0.10	WRS		
13.90	14.02	0.12	WRS		

DRILL HOLE LOG
MAGNUM PROPERTY

Hole: MG-06-02 **Zone:**

Northing: 7146532 Easting: 522515 Elevation: 530m

Drilling Dates: Sept 15-17 2006 Logged By M.NUNEZ

Core Diameter: NTW Casing Depth: 4.57m Casing: Out

	Depth	0	160.02			
	Dip	70	68			
	Azimuth	142	142			

Visual Log			From	To	Interval	Unit	Description	Sulphides	Alteration	From	To	Interval	Sample	Rec.	Rec.
Visual	Struc.	(m)	(m)	(m)	(m)					(m)	(m)	(m)	Number	(m)	%
			15.68	16.47	0.79	MIXED	QMS, GRAPH, PHYL; FOLD HINGES			15.68	17.06	1.38	C105604		
			DENSELY INTERBEDDED QMS, GRAPH AND PHYL TERMINATING IN 25CM OF FOLDED AND WEAKLY BRECCIATED SI RICH PHYL AND ENDING IN												
			6CM OF BRECCIATED BULL QTZ; QMS IS TUFFACEOUS F.G. AND WEAKLY OXIDIZED; INTERLAMINATED UNITS BEDDED 77$_o$ TO C/A; OCC. THIN BADS OF												
			CAL OCCURING 75o TO C/A; GREY BLACK PHYL BEDDING HOSTS OVOID FOLD HINGES; DENSE PSEUDO STOCKWORK AND SUCROSIC QTZ OCCURING												
			AT CONTACT BTWN QMS AND PHYL; RUN IS WEAKLY TO MODERATELY OXIDIZED WITHIN FRACTURES; CONTACT NEAR PERPINDICULAR BUT IRREG.												
			16.47	18.29	1.82	QMSS	ROTTED PY			17.06	19.13	2.07	C105605		
			YELLOW GREEN, THINLY LAMINATED; 5CM OF YELLOW GOUGE AT 16.76; FR'S 65o TO C/A; WEAKLY TUFFACEOUS WITH INTERLAMINATED QTZ AND												
			OCC. THIN BLEBS OF ROTTED PY; UNIT BEARS LENSES OF FOLIFORM QTZ NEAR GRAD. LOWER CONTACT; UNIT GRADES INTO QSMS AND QMS												
			18.29	19.13	0.84	QSMS									
			TAN BROWN TO GREEN; UPPER CONTACT GRADES FROM QMSS TO QSMS TO QMS; FR'S 68o TO C/A WEAK CAL ASSO.C; INCR OXIDATION DOWN												
			HOLE; 5-10 % ROTTED PY + MN DENDRITES AT 18.29m PROXIMAL TO PSEUDO STOCKWORK + BLEBS OF QTZ; UNIT IS WEAKLY BRECCIATED AND												
			BEARS ROTTED QTZ CAVITIES; OCC. WEAKLY INTERLAMINATED GRAPH + BLEBS OF FOLIFORM QTZ												
			19.13	22.05	2.92	QMS				19.13	21.05	1.92	C105606		
			TAN BROWN MOD. TUFFACEOOUS; WITH 2, 1CM BANDS OF PHYL? MN ? BEARING SUCROSIC QTZ OCCURING 30o TO C/A; FOLIFORM SUCROSIC QTZ												
			INTERBEDDED APPROX. 66o TO C/A; FR'S 69o TO C/A; OC. BLEBS OF GREY QTZ; OCC. BANDS OF CAL. ASSOC. WITH SUCROSIC QTZ; UNIT GRADES							21.05	22.05	1.00	C105607		
			INTO QMSS												
			22.05	24.59	2.54	QMSS				23.15	23.26	0.11	WRS		
			COMPETENT TUFFACEOUS PALE GREEN QMSS THINLY LAMINATED OXIDIZED BANDS; 1 CM SUCROSIC QTZ BAND 61o TO C/A; FR'S + OXIDIZED												
			LAMINAE 60o TO C/A; UNIT LITHOLOGY SAME AS PREVIOUS; MN DENDRITES ON FR. SURFACES; UNIT INCRLY OXIDIZED TOWARDS LOWER CONTACT												
			24.59	26.70	2.11	QMS				24.59	26.70	2.11	C105608		
			COMPETENT TAN BROWN TO DEEP RED QMS WITH INTERLAMINATED GRAPH + BANDS/BLEBS OF QTZ; DEEP RED QMS BANDS ARE TUFFACEOUS												
			AND BEAR PSEUDO STOCKWORK GREY QTZ; LAMINAE SINUSOIDALLY FOLDED WITH FR. 63o TO C/A ; QMS BANDS BEAR WEAKLY												
			ROTTED BLEBS OF PYAND OCC. SHORT RUNS OF PALE BROWN QMSS; GRAPH CLOSELY ASSOC. WITH BANDS OF BULL QTZ; UNIT TERMINATES IN												
			RUSTY BRECCIATED OXIDIZED GOUGE + RUBBLE WITH FR OCCURING 5o TO C/A												
			26.70	27.43	0.73	BRECCIA				26.70	28.70	2.00	C105609		
			OXIDIZED QTZ BRECCIA WITH PEBBLE SIZED FRACTURED QTZ PEBBLES HOSTED IN RUSTY SI RICH QMS? MATRIX												

DRILL HOLE LOG
MAGNUM PROPERTY

Hole: MG-06-02 **Zone:**

Northing: 7146532 Easting: 522515 Elevation: 530m

Drilling Dates: Sept 15-17 2006 Logged By M.NUNEZ

Core Diameter: NTW Casing Depth: 4.57m Casing: Out

Depth	0	160.02			
Dip	70	68			
Azimuth	142	142			

Visual Log			From	To	Interval	Unit	Description	Sulphides	Alteration	From	To	Interval	Sample	Rec.	Rec.
Visual	Struc.	(m)	(m)	(m)	(m)					(m)	(m)	(m)	Number	(m)	%
			27.43	28.70	1.27	SER. GOU									
			PALE YELLOW SERICITC GOUGE BEARING PEBBLE SIZED QTZ FRAGMENTS, SHARP UPPER CONTACT; INTERNAL FRACTURE SETS 39+25o TO C/A;												
			SHORT 14CM RUN OF PHYL GOUGE @27.73M WITH CONTACT APPROX. 27o TO C/A; LOWER CONTACT SHARP AND 21o TO C/A												
			28.70	30.58	1.88	PHYL. GOU				28.70	30.58	1.88	C105610		
			MED-DARK GREY PHYLLITIC GOUGEWITH OCC FRAGMANTS OF TAN BROWN TUFFACEOUS QMS; 54o TO C/A; GOUGE PLASTICINE LIKE IN												
			CONSISTENCY; UNIT REGAINS STRENGTH AT 30.03M BECOMING COMPETENT DARK GREY PHYL FROM 30.03M BECOMING COMPETENT DARK GREY												
			PHYL FROM 30.03-30.43; 3-.43-30.58 FR'D BULL QTZ 50oTO C/A												
			30.58	33.53	2.95	PHYL				30.58	32.36	1.78	C105611		
			D.GREY PHYL WITH OCC. BANDS OF L.GREY QTIT + INTERBEDDED QTZ SER. SCHIST 58o TO C/A; BEDS ARE OCC. OUT OF PHSE DUE TO X CUTTING FR'							32.36	33.00	0.64	C105612		
			30o TO CORE AXIS; PHYL IS INTERBEDDED WITH OXIDIZED QMS + GREY QTIT AS WELL AS THINLY LMAINATED SUCROSIC QTZ 54o TO C/A; UNIT							33.00	33.88	0.88	C105613		
			BECOMES INCRINGLY OXIDIZED WITH BLEBS OF ROTTED PY ASSOC. WITH SHORT BANDS OF BULL QTZ @ 32.67 + 33.53M; OCC. INTERLAMINATED												
			ELONGATE FOLIFORM AND WEAKLY BOUDINAGED LENSES OF QTIT.												
			33.53	37.32	3.79	PHYL				33.88	37.32	3.44	C105614		
			D.GREYWITH LIGHT GREY GREEN INTERBANDS OF SERICITIC SCHIST + WHITE BOUDINAGEED FOLIFORM LENSES OF QTIT BEARING OXIDIZED+ROTTED												
			PY 75o TO C/A; DRILLERS REPORT WASHOUT AT 36.58 WITH CONTACTS THAT ARE BRECCIATED WITH OXIDE FILLED FR'S PARALLEL TO C/A												
			37.32	39.96	2.64	PHYL									
			D.GREY THINLY LAMINATED WITH OCC. THIN BANDS OF OXIDIZED SUCROSIC QTZ+QTIT OCCURING IN THIN BOUDINAGED AND FOLIFORM ENVELOPES												
			77o TO C/A; BOUDINAGED LENSES OCC. REVEAL INTERNAL BEDDING STRUCTURES APPROX. 90o TO DOMINANT BEDDING ANGLE; SUCROSIC												
			OXIDIZED LENSES BEAR OCC. FLECKS OF PY IN RARE INSTANCES; INTERLAMINATED SER. SCH. NORMALLY BEDDED.												
			39.96	40.40	0.44	QTIT									
			DARK GREY QTIT BEARING PSEUDO STOCKWORK GREY QTZ WITH MINOR OXIDIZED CLY ASSOC WITH SHARP CONTACTS 70o TO C/A												
			40.40	44.20	3.80	PHYL	BOUDINAGED QTIT								
			D.GREY OCC.CRUSHED + CLY ALTERED PHYL WITH BOUDINAGED FOLIFORM CLASTS OF WHITE AND D. GREY QTIT OCCURING IN INTERBEDDED												
			LENSES+ BLEBS; THIN WEAKLY INTERLAMINATED SER. OCCURS ON FR. SURFACES 83o TO C/A; OXIDIZED PSEUDO STOCKWORK QTZ X CUTS												
			BEDDING SURFACES , OXIDATION IS RUSTY THOUGH NO APPARENT MINERALIZATION IS PRESENT												

DRILL HOLE LOG
MAGNUM PROPERTY

Hole: MG-06-02 **Zone:**

Northing: 7146532 Easting: 522515 Elevation: 530m

Drilling Dates: Sept 15-17 2006 Logged By M.NUNEZ Length: 160.02m

Core Diameter: NTW Casing Depth: 4.57m Casing: Out

	Depth	Dip	Azimuth
	0	70	142
	160.02	68	142

Visual Log			From	To	Interval	Unit	Description	Sulphides	Alteration	From	To	Interval	Sample	Rec.	Rec.
Visual	Struc.	(m)	(m)	(m)	(m)					(m)	(m)	(m)	Number	(m)	%
			44.20	46.64	54.86	PHYL	BOUDINAGED QTIT								
			45.03 - 45.13 SILTY MUDDY PHYL; 44.20 TO 45.03 PHYL BEDDED 63o TO C/A; 45.13-46.64 BEDDED 65o TO C/A; PHYL OCC. INTERBEDDED WITH SHORT BANDS OF GREY QTIT AND MOD. INTERBEDDED WITH FOLIFORM LENSES OF SLIGHTLY OXIDIZED QTZ + FRAGMENTS OF QTZ BRECCIA								
			46.64	54.86	8.22	PHYL	BOUDINAGED QTIT			47.02	47.10	0.08	WRS		
			D.GREY PHYL BEDDED 87o TO C/A; OCC. INTERBEDDED WITH MOD. GREY QTIT; 5CM OF D.GREY PHYL GOUGE @ 48.68 BEDDED 54o TO C/A; UNIT IS THINLY LAMINATED WITH WISPS AND LENSES OF SLIGHTLY OXIDIZED BOUDINAGED FOLIFORM QTZ + OCC. INTERBEDDED WITH BANDS OF PALE GREEN SER. SCHIST 76o TO C/A @ 54M								
			54.86	59.04	4.18	PHYL									
			UNIT BECOMES CRUSHED + FOLDED WITHIN THE LAMINAE WITH FOLD LIMBS 60o TO C/A + HINGES 33o TO C/A; UNIT COMPOSITON UNCHANGED FROM ABOVE												
			59.04	63.31	4.27	PHYL									
			UNIT NOW MOD. INTERBEDDED WITH BANDS + BOUDINAGED LENSES OF QTIT + WEAK THINLY LAMINATED BANDS OF OXIDE + ROTTED PY; OCC. OVERTURNED FOLDS EXHIBITED IN BEDDING THOUGH PREDOMINANT FRACTURE SETS 65o TO C/A; FOLD HINGES X CUT LAMINAE 25o TO C/A								
			63.31	64.67	1.36	PHYL	FOLD HINGE?								
			BEDDING 27o TO C/A; UNIT BECOMES GOUGED AND CRUSHED OVER 20CM INTERVAL; INTERNAL STRUCTURE MASKED BY GOUGE; POSSIBLE FOLD HINGE?												
			64.67	67.45	2.78	PHYL	WEAKLY MAGNETIC			64.67	66.14	1.47	C105615		
			BEDDING 67o TO C/A @UPPER CONTACT AND STEEPENS TO 75o; UNIT NOW MOD. INTERBEDDED WITH PROMINATN HEMATITE LAMINAE+ OCC. INTERBEDDED D.GREY QTIT AND PALE GREEN SER. SCHIST BANDS GREATER THAN 1CM BEARING WEAKLY ASSOC. ROTTED PY IN FR'S; UNIT NOW WEAKLY MAGNETIC			66.14	67.45	1.31	C105616		
			67.45	74.43	6.98	PHYL	WEAKLY MAGNETIC			67.45	69.90	2.45	C105617		
			D.GREY- DEEP RED MOD. HEMATIZED PHYL; WITH ZONES OF IRREG. QTZ PATCHES ASSOC. SER. SCHIST AND BEARING RUSTY PY AND HEM. BLEBS			69.90	72.13	2.23	C105618		
			HEMATITE LAMINAE DELINEATE BOUDINAGED LENSES AMONG QTIT + QTZ LENSES INTERBEDDED WITHIN PHYL; OCC.THICK BANDS OF SER.SCHIST			71.04	71.10	0.06	WRS		
			AND D.GREY QTIT; BEDDING APPROX 71o TO C/A BUT OCCASIONALLY SHALLOWS TO 54o; UNIT IS WEAKLY MAGNETIC			72.13	74.43	2.30	C105619		

DRILL HOLE LOG
MAGNUM PROPERTY

Hole: MG-06-02 **Zone:**

Northing: 7146532 Easting: 522515 Elevation: 530m

Drilling Dates: Sept 15-17 2006 Logged By M.NUNEZ Length: 160.02m

Core Diameter: NTW Casing Depth: 4.57m Casing: Out

	Depth	Dip	Azimuth
	0	70	142
	160.02	68	142

Visual Log			From	To	Interval	Unit	Description	Sulphides	Alteration	From	To	Interval	Sample	Rec.	Rec.
Visual	Struc.	(m)	(m)	(m)	(m)					(m)	(m)	(m)	Number	(m)	%
			74.43	75.77	1.34	MIXED				74.43	76.20	1.77	C105620		
			D.GREY LAMINATED PHYL. TANBROWN QMS+ RHYL; BOUDINAGED QTIT NO LONGER PRESENT; DEPOSITION IN PULSES ?LAMINAE PREDOM. PHYLLITIC												
			FLRCKS OF PY OCCURING IN RUSTY HALOES ASSOC. WITH BLEBS OF FOLIFORM QTZ IN CONTACT WITH RUSTY SER. SCHIST BANDS; RUSTY SER. SCH												
			BEDS BEAR ROTTED PY FLECKS; BEDS 68o TO C/A ; RHYL OCCURS AS OPAQUE GREY QTZ EXHALITES BEARING WISPS OF PHYL.												
			75.77	76.96	1.19	MIXED	FOLD HINGE?								
			STRUCTURALLY ALTERED OVERTURNED + FOLDED GREY QTZ (RHYL?) INTERBEDDED IN BLACK PHYL AND THINLY LAMIATED QMSS; PSEUDO												
			STOCKWORK BULL QTZ VEINLETS X CUT STRUCTURES BEARING BLEBS OF OXIDIZED AND RUSTY PY; RUSTY LAMINAE INTERLAMINATED WITHIN												
			EXHALITE FOLDS AS WELL; FOLD HINGES APPORX 22o TO C/A; FR. APPROX 71o TO C/A												
			76.96	81.41	4.45	QSMS				76.20	77.63	1.43	C105621		
			BLACK AND ORANGE; NORMALLY BEDDED INTERLAMINATED RHYL, PHYL AND OXIDIZED SER. SCHIST WITH BOUDINAGED ELONGATE LENSES OF							77.63	79.65	2.02	C105622		
			SUCROSIC QTZ; OCC. BLEBS OF EU. PY OCCURING IN RUSTY ENVELOPES WITH SUCROSIC QTZ ; UNIT IS DOMINATELY CHERTY; LAMINAE 77o TO C/A							79.65	81.41	1.76	C105623		
			; 5CM OF GOUGE OCCURING @ 79.15M; SER. PREDOMS. COMPOSITON TOWARDS BOTTOM OF SECTION THOUGH UNOXIDIZED + BEARING FLECKS												
			OF EU. PY												
			81.41	84.20	2.79	QSS	HEMATIZED			81.41	82.76	1.35	C105624		
			ORANGE AND RED THINLY LAMINATED QMS; WITH OCC. X CUTTING VEINLETS OF BULL QTZ; UNIT IS STRONGLY HEMATIZED WITH INTERLAMINATED							82.76	84.20	1.44	C105625		
			BANDS AND FLECKS OF HEMATIZED PY; OCC. BOUDINAGED ELONGATE FOLIFORM LENSES OF SUCROSIC QTZ BEDDED 80o TO C/A; RARE OCC.												
			BOUDINAGED LENSES + BANDS OF BLACK AND WHITE SUCROSIC QTZ AND MN? PHYL?												
			84.20	86.42	2.22	QSS	HEMATIZED, WEAKLY BRECCIATED, CRENULATED			84.20	86.42	2.22	C105626		
			MODERATELY HEMATIZED CHERTY PALE GREEN + PINK CRENULATED QSS UNIT IS MODERATELY INTERNALLY FR WITH CRUDE BLEBS OF PINK RED							86.27	86.36	0.09	WRS		
			HEM. ALTERED PY; ROTTED SUBHEDRAL PY FLECKS OCCUR IN PALE GREEN YELLOW SERICITIC BANDS; PRIMARY BEDDING 75o TO C/A WITH												
			CRENULATION CLEAVAGE 33o TO C/A AND FR'S OCCURING 51o TO C/A												
			86.42	91.44	5.02	QSS	HEMATIZED, BRECCIATED, CRENULATED			86.42	88.23	1.81	C105627		
			MOD. HEM. CHERTY PALE GREEN + PINK; UNIT NO LONGER BEARS ROTTED PY FLECKS+ IS BRECCIATED BETWEEN 86.60- 87.07 WITH BRECCIATED							88.23	89.92	1.69	C105628		
			FR'S OCCURING 5o TO C/A UPTO 87.72; BRECCIA MARKS SHIFT IN STRUCTURE FROM 51o TO C/A TO INCR. CRENULATED BEDDING 39o TO C/A							89.92	91.44	1.52	C105629		
			91.44	99.56	8.12	QSS				99.15	99.25	0.10	WRS		
			WEAKLY HEMATIZED PALE GREEN TO SLIGHTLY PINK; UNIT IS MOD. FR. WITH RUSTY THIN PINK BLEBS OF HEM. 70o TO C/A; STRAT IS OCC.												
			INTERRUPTED BY BLEBS + BANDS OF BULL QTZ BETWEEN 94.4 95.59 UP TO 10CM WIDE; OCC. WITH FR. OF RUSTY HEM BEAR FLECKS OF PY; FR.												
			66o TO C/A												

DRILL HOLE LOG
MAGNUM PROPERTY

Hole: MG-06-02 **Zone:**

Northing: 7146532 Easting: 522515 Elevation: 530m

Drilling Dates: Sept 15-17 2006 Logged By M.NUNEZ

Core Diameter: NTW Casing Depth: 4.57m Casing: Out

Depth	0	160.02			
Dip	70	68			
Azimuth	142	142			

Visual Log			From	To	Interval	Unit	Description	Sulphides	Alteration
Visual	Struc.	(m)	(m)	(m)	(m)				
			99.56	106.20	6.64	QSS			
			MOD.-WEAKLY HEM.; FR. 80o TO C/A; INTERMITTENT INTERLAM. FLECKS OF ROTTED PY. OCCUR OVER 2M INTERVAL FROM 102.40M TO 104.40M;						
			INTERVALS INTERRUPTED BY 4 5-10CM IRREGULAR QTZ FLOODS BEARING PSEUDO STOCKWORK QTZ VEINLETS; FR SETS OCCUR AT QTZ CONTACT						
			66o TO C/A						
			106.20	123.97	17.77	QSS			
			STRONGLY HEM. FOLDED AND CRENULATED QSS; STRUCTURE IS SINUSOIDAL AND NEAR PARALLEL TO C/A; OCC. WEAK BLEBS OF PY OCCURING IN						
			HEM. FILLED FR.IN BETWEEN LAMINAE; BTWN 107.18 + 107.70 BEDDING IS PARALLEL TO CORE AXISWITH ANGLES OF 33o TO C/A ON HW AND 40o TO						
			C/A ON FW.						
			BEDDING @ 109.73M			52o TO C/A			
			110.63M			65o TO C/A			
			111.25M			35o TO C/A			
			114.30M			66o TO C/A			
			UNIT BECOMES CRUSHED @ 114.94 WITH BEDDING TO C/A SHIFTING DOMINATELY 53o TO C/A AND FOLDED ABOUT A FAULT INDUCED FRACTURE						
			20o TO C/A @115.82						
			BEDDING @ 117.35M			45o TO C/A			
			120.40M			47o TO C/A OCC. ROTTED PY.WEAKLY DISS. OCCURING IN HEM. SER. BANDS			
			122.30M			CRENULATION CLEAVAGE 33o TO CORE AXIS WITH LIMS 88o TO C/A AN 30o TO C/A PRECEDING CRUSHED CORE BTWN			
						122.30 AND 123.97 UNIT IS INTENSELY HEMATIZED WITH FRAGMENTS OF CORE BEARING QTZ BRECCIA @ 123.44M			
			123.97	129.69	5.72	QSS			
			MOD.-WEAKLY HEM. WITH STRONGLY HEM. FR. FILLINGS OF ROTTED PY+ OCC. INTERLAMINATED FLECKS OF ROTTED Py+ EU. UNALTERED						
			SECONDARY PY. OCCURING IN WEAKLY OXIDIZEDX CUTTING FR'S; BEDDING TO C/A 49o; UNIT IS BRECCIATED AND FR. BY QTZ FLOODS						
			PERPINDICULAR TO BEDDING BETWEEN 126.49-129.86M; OCC. THIN LAMINAE BEARING PY OCCUR @ 129.69M WITH BEDDING OCCURING 35o TO C/A						
			129.69	134.86	5.17	QSS			
			WEAKLY HEMATIZED; BEDDING TO C/A 51o @ 131.06M; BEDDING SHALLOWS TO 36o @132.59M WITH CRENULATION CLEAVAGE OCCURING 78 o						
			TO C/A. BEDDING 39o TO C/A @134.11M WITH OCC. HEM. FILLED FR.						

Alteration	From	To	Interval	Sample	Rec.	Rec.
	(m)	(m)	(m)	Number	(m)	%
	103.75	106.20	2.45	C105630		
	106.20	108.43	2.23	C105631		
	123.31	123.86	0.55	C105632		

DRILL HOLE LOG
MAGNUM PROPERTY

Hole: MG-06-02 **Zone:**

Northing: 7146532 Easting: 522515 Elevation: 530m

Drilling Dates: Sept 15-17 2006 Logged By M.NUNEZ Length: 160.02m

Core Diameter: NTW Casing Depth: 4.57m Casing: Out

	Depth	Dip	Azimuth
	0	70	142
	160.02	68	142

Visual Log			From	To	Interval	Unit	Description	Sulphides	Alteration	From	To	Interval	Sample	Rec.	Rec.
Visual	Struc.	(m)	(m)	(m)	(m)					(m)	(m)	(m)	Number	(m)	%
			134.86	136.46	1.60	QSS	MOD. HEM. AND CRENULATED WITH CLEAVAGE 65o TO C/A AND LIMBS 32o TO C/A; OCC. WEAK PY INTERLAMINATED AMONG HEM. BANDS								
			136.46	137.54	1.08	BRECCIA	BROWN LI OXIDE QTZ BRECCIA; FIRST 50CM APPROX 5% MIN. WITH FLECKS OF PY; SHARP CONTACT 70o TO C/A; UNIT CONSISTS OF BRECCIATED BULL QTZ WITH FR. FILLINGS OF FE. OXIDE + FLECKS OF PY; OCC. INTERLAMINATED HEM. ALTERED QTZ SER. SCHIST IN MATRIX			136.51	136.67	0.16	WRS		
			137.54	151.41		QSS	MOD. HEM. WITH OCC. SHORT INTERSPERSED QTZ FLOODS AND INTERMITTENT X CUTTING HEM. FILLED FR.; WEAK FLECKS OF PY ASSOC. WITH QTZ FLOODS OCCURING IN CONTACT ROCKS; UNIT IS MOD. FR.; BEDDING @137.74M 68o TO C/A @138.48M 39o TO C/A @140.41M 42o TO C/A @144.00M 64o TO C/A UNIT IS MOD. BRECCIAATED + CRUSHED BETWEEN 141.58-141.73; 15CM RUN OF QTZ BRECCIA DIVIDED BY 5CM OF RED HEM. GOUGE @ 143.36M; 24CM OF BULL QTZ @ 146.35M OCCURING 59o TO C/A @CONTACT			150.88	150.98	0.10	WRS		
			151.41	160.02		QSS	WEAKLY HEMATIZED PALE GREEN AND PINK QSS; MOD. FR. WITH F.G. FLECKS AND MINOR BLEBS OF PY OCCURING WITHIN THINLY INTERLAMINATED SER. BANDS AND LI FILLED FRACTURES OCCURING REGULARLY ALONG QTZ LAMINAE 60o TO C/A; UNIT IS 2% MINERALIZED ; BEDDING TO C/A 55o @ 153.92M; 35o TO C/A @ 155.45M; 50o TO C/A @ 157.58M; 60o TO C/A @ 160.02M								
							E.O.H 160.02 M								

GEOTECHNICAL LOG
MAGNUM PROPERTY

Hole: MG-06-02 Logger: M. NUNEZ Date: 17-Sep-06

From (m)	To (m)	Length (m)	REC	REC%	RQD	RQD%	BRKG	HARD	WTHR	XJNT	XJ/M	BJNT	BJ/M	SHAPE	RGH	Remarks
0.00	3.06	3.06	0.08	3	0.00	0										
3.06	4.57	1.51	1.37	91	0.11	7										
4.57	6.10	1.53	1.35	88	0.10	7										
6.10	7.62	1.52	1.48	97	0.35	23										
7.62	8.14	0.52	1.50	288	1.45	279										
8.14	10.67	2.53	1.42	56	0.57	23										
10.67	12.18	1.51	1.47	97	1.35	89										
12.18	13.72	1.54	1.47	95	0.75	49										
13.72	15.24	1.52	1.50	99	1.38	91										
15.24	16.76	1.52	1.47	97	1.29	85										
16.76	18.29	1.53	1.50	98	0.26	17										
18.29	19.81	1.52	1.49	98	0.63	41										
19.81	21.34	1.53	1.39	91	0.32	21										
21.34	22.86	1.52	1.37	90	0.39	26										
22.86	24.38	1.52	1.48	97	0.84	55										
24.38	25.91	1.53	1.45	95	0.80	52										
25.91	27.43	1.52	1.31	86	0.30	20										
27.43	28.96	1.53	1.53	100	0.00	0										
28.96	30.48	1.52	1.65	109	0.00	0										
30.48	32.00	1.52	1.30	86	0.72	47										
32.00	33.53	1.53	1.46	95	0.51	33										
33.53	35.05	1.52	1.49	98	0.33	22										
35.05	36.58	1.53	0.82	54	0.00	0										
36.58	38.10	1.52	1.50	99	0.52	34										
38.10	39.62	1.52	1.54	101	0.27	18										
39.62	41.15	1.53	1.43	93	0.20	13										
41.15	42.67	1.52	1.51	99	0.00	0										
42.67	44.2	1.53	1.36	89	0.00	0										
44.2	45.72	1.52	1.47	97	0.00	0										
45.72	47.24	1.52	1.50	99	0.00	0										
47.24	48.77	1.53	1.49	97	0.23	15										
48.77	50.29	1.52	1.50	99	0.10	7										
50.29	51.82	1.53	1.50	98	0.14	9										
51.82	53.34	1.52	1.54	101	0.00	0										
53.34	54.86	1.52	1.39	91	0.00	0										
54.86	56.38	1.52	1.53	101	0.00	0										
56.38	57.91	1.53	1.42	93	0.00	0										

GEOTECHNICAL LOG

MAGNUM PROPERTY Hole: MG-06-02 Logger: M. NUNEZ Date: 17-Sep-06

From (m)	To (m)	Length (m)	REC	REC%	RQD	RQD%	BRKG	HARD	WTHR	XJNT	XJ/M	BJNT	BJ/M	SHAPE	RGH	Remarks
57.91	59.44	1.53	1.42	93	0.00	0										
59.44	60.96	1.52	1.46	96	0.00	0										
60.96	62.48	1.52	1.55	102	0.00	0										
62.48	64.00	1.52	1.40	92	0.00	0										
64.00	65.53	1.53	1.49	97	0.00	0										
65.53	67.06	1.53	1.57	103	0.34	22										
67.06	68.58	1.52	1.49	98	0.22	14										
68.58	70.10	1.52	1.35	89	0.00	0										
70.10	71.63	1.53	1.48	97	0.12	8										
71.63	73.15	1.52	1.53	101	0.55	36										
73.15	74.68	1.53	1.47	96	0.62	41										
74.68	76.20	1.52	1.50	99	0.87	57										
76.20	77.72	1.52	1.51	99	0.72	47										
77.72	79.25	1.53	1.56	102	0.84	55										
79.25	80.77	1.52	1.53	101	1.32	87										
80.77	82.30	1.53	1.53	100	0.88	58										
82.30	85.34	3.04	1.52	50	0.54	18										
85.34	86.87	1.53	1.48	97	1.06	69										
86.87	88.39	1.52	1.51	99	0.48	32										
88.39	89.92	1.53	1.52	99	1.34	88										
89.92	91.44	1.52	1.51	99	1.37	90										
91.44	92.96	1.52	1.55	102	1.44	95										
92.96	94.49	1.53	1.40	92	0.25	16										
94.49	96.01	1.52	1.52	100	0.84	55										
96.01	97.54	1.53	1.54	101	0.80	52										
97.54	99.06	1.52	1.52	100	1.08	71										
99.06	100.58	1.52	1.52	100	0.59	39										
100.58	102.11	1.53	1.51	99	0.65	42										
102.11	103.63	1.52	1.54	101	0.94	62										
103.63	105.16	1.53	1.52	99	0.79	52										
105.16	106.68	1.52	1.55	102	0.55	36										
106.68	108.2	1.52	1.54	101	0.12	8										
108.2	109.73	1.53	1.44	94	0.27	18										
109.73	111.25	1.52	1.41	93	0.21	14										
111.25	112.78	1.53	1.24	81	0.00	0										
112.78	114.3	1.52	1.38	91	0.00	0										
114.3	115.82	1.52	1.55	102	0.11	7										

GEOTECHNICAL LOG

MAGNUM PROPERTY

Hole: MG-06-02 Logger: M. NUNEZ Date: 17-Sep-06

From (m)	To (m)	Length (m)	REC	REC%	RQD	RQD%	BRKG	HARD	WTHR	XJNT	XJ/M	BJNT	BJ/M	SHAPE	RGH	Remarks
115.82	117.35	1.53	1.04	68	0.00	0										
117.35	118.87	1.52	0.71	47	0.00	0										
118.87	120.40	1.53	1.14	75	0.00	0										
120.40	121.92	1.52	1.30	86	0.00	0										
121.92	123.44	1.52	1.05	69	0.00	0										
123.44	124.97	1.53	1.42	93	0.00	0										
124.97	126.49	1.52	1.47	97	1.00	66										
126.49	128.01	1.52	1.41	93	0.79	52										
128.01	129.59	1.58	1.41	89	0.12	8										
129.59	131.06	1.47	1.45	99	0.39	27										
131.06	132.59	1.53	1.51	99	0.35	23										
132.59	134.11	1.52	1.42	93	0.11	7										
134.11	135.69	1.58	1.51	96	0.21	13										
135.69	137.16	1.47	1.43	97	0.43	29										
137.16	138.68	1.52	1.51	99	0.94	62										
138.68	140.21	1.53	1.48	97	0.12	8										
140.21	141.73	1.52	1.37	90	0.00	0										
141.73	143.26	1.53	1.32	86	0.10	7										
143.26	144.78	1.52	1.43	94	0.63	41										
144.78	146.30	1.52	1.52	100	0.99	65										
146.30	147.83	1.53	1.45	95	0.43	28										
147.83	149.35	1.52	1.50	99	0.76	50										
149.35	150.88	1.53	1.45	95	0.40	26										
150.88	152.40	1.52	1.58	104	1.30	86										
152.40	153.92	1.52	1.43	94	0.43	28										
153.92	155.45	1.53	1.39	91	0.41	27										
155.45	156.97	1.52	1.37	90	0.35	23										
156.97	158.5	1.53	1.37	90	0.00	0										
158.5	160.02	1.52	1.17	77	0.68	45										
160.02	EOH															

APPENDIX V

SYNOPTIC LOGS

SYNOPTIC LOG
MAGNUM PROPERTY

Hole: MG-06-01 Zone: Section:

Easting:	Northing:	Elevation:	Depth:	Logger:	M.NUNEZ
523169	7146772	576.78m	208.79	Drilling Dates:	Sept 7-14, 2006

Depth	0.00	121.92	208.79	
Azimuth	165	165	165	
Dip	70	70	70	
Method	CLINO	ACID	ACID	

From (m)	To (m)	Interval (m)	Unit	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
0.00	9.20	9.20	OVER	RUBBLE AND OVERBURDEN									
9.20	16.20	7.00	EXHL	CHERTY EXHALITE SEQUENCE									
16.20	23.69	7.49	F.I.VOL	FELSIC TO INTERMEDIATE	19.75	19.87	0.12	WRS					
				VOLCANIC SEQUENCE									
23.69	32.00		BMAG	MAGNETITE AND BARITE IRON	23.69	23.90	0.21	C105633		<0.2	65	105	19
				FORMATION	23.90	24.18	0.28	C105634		0.4	67	118	16
					24.18	24.38	0.20	C105635		<0.2	51	78	9
					24.38	26.53	2.15	C105636		<0.2	80	87	13
					26.53	27.43	0.90	C105637		<0.2	33	108	17
					27.43	29.26	1.83	C105638		0.2	45	52	6
					29.26	29.94	0.68	C105639		<0.2	30	190	3
					30.11	30.18	0.07	WRS					
					31.75	31.84	0.09	WRS					
					29.94	32.00	2.06	C105640		<0.2	19	101	4
32.00	33.67	1.67	RUBBLE	RUBBLE ZONE	32.00	33.67	1.67	C105641		0.8	22	93	2
33.67	47.44	13.77	EXHL	CHERTY EXHALITE SEQUENCE	33.67	35.10	1.43	C105642		1.2	97	77	6
					35.10	37.28	2.18	C105643		0.9	87	79	9
					37.28	39.62	2.34	C105644		0.4	117	254	24
					39.62	42.00	2.38	C105645		<0.2	52	171	9
					42.00	44.20	2.20	C105646		<0.2	57	101	14
					44.20	46.51	2.31	C105647		<0.2	71	197	28
					46.51	46.73	0.22	C105648		7.3	39	215	201
					46.73	47.44	0.71	C105649		0.5	37	48	44
47.44	48.87	1.43	SHR ZONE	SHEAR ZONE	47.44	48.87	1.43	C105650		3	41	135	1460

SYNOPTIC LOG
MAGNUM PROPERTY

Hole: MG-06-01 Zone: Section:

Easting:	Northing:	Elevation:	Depth:
523169	7146772	576.78 m	208.79

Logger: M.NUNEZ

Drilling Dates: Sept 7-14, 2006

Depth	0.00	121.92	208.79	
Azimuth	165	165	165	
Dip	70	70	70	
Method	CLINO	ACID	ACID	

From (m)	To (m)	Interval (m)	Unit	Comments
48.87	60.31	11.44	F.I.VOL	FELSIC TO INTERMEDIATE
				VOLCANIC SEQUENCE
60.31	75.81	35.50	AND	ANDESITE
75.81	97.72	21.91	F.I.VOL	FELSIC TO INTERMEDIATE
				VOLCANIC SEQUENCE
97.72	128.02	30.30	PHYL	GREY BLACK PHYLLITE WITH
				ABUNDANT HEAVILY
				BOUDINAGED QUARTZITE
				LENSES
128.02	208.79	80.77	F.VOL	FELSIC VOLCANIC SEQUENCE
				E.O.H 208.79

From (m)	To (m)	Interval (m)	Sample No.	REC %	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
48.87	49.72	0.85	C105551		0.4	75	917	87
49.72	51.17	1.45	C105552		<0.2	22	116	22
51.17	53.34	2.17	C105553		0.4	60	146	35
53.34	54.90	1.56	C105554		0.5	68	380	26
54.90	56.19	1.29	C105555		0.3	59	348	73
71.85	73.85	2.00	C105556		0.6	36	131	14
73.85	75.81	1.96	C105557		<0.2	44	93	8
84.00	84.10	0.10	WRS					
97.00	97.09	0.09	WRS					
97.72	98.32	0.60	C105558		0.4	85	78	37
102.93	103.03	0.10	WRS					
124.19	124.32		WRS					
127.54	129.54		C105559		<0.2	62	53	8
129.54	131.95		C105560		0.3	55	75	7
137.16	138.48		C105561		0.3	168	96	6
143.40	143.53		WRS					
173.18	173.32		WRS					
204.14	206.88		C105562		<0.2	106	61	6

SYNOPTIC LOG
MIKE LAKE PROPERTY

Hole: MG-06-02 Zone: MAGNUM Section:

Easting:	Northing:	Elevation:	Depth:
522515	7146532	530m	160.02

Logger: M. Nunez

Drilling Dates: Sept 15-17 2006

Depth	0	160.02			
Azimuth	142	142	---	---	---
Dip	70	68			
Method	CLINO	BRUNTON			

From (m)	To (m)	Interval (m)	Unit	Comments
0.00	2.98	2.98	OVER	QSMS RUBBLE FRAGMENTS; MOD. HEMATIZED
2.98	10.67	7.69	F.I.VOL	FELSIC TO INTERMEDIATE VOLCANIC SEQUENCE
10.67	13.32	2.65	AND	ANDESITE
13.32	27.43	14.11	F.I.VOL	FELSIC TO INTERMEDIATE VOLCANIC SEQUENCE
27.43	30.58	3.15	GOU	GOUGE
30.58	64.67	34.09	PHYL	GREY BLACK PHYLLITE WITH ABUNDANT HEAVILY BOUDINAGED QUARTZITE LENSES
64.67	74.43	9.76	PHYL	WEAK HEMATITE MAGNETITE ALTERED PHYLLITE

From (m)	To (m)	Interval (m)	Sample No.	REC %	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
3.62	3.70	0.08	WRS					
4.01	6.27	2.26	C105601		0.2	61	89	8
6.27	8.77	2.50	C105602		0.3	40	66	23
8.77	10.67	1.90	C105603		0.5	91	85	68
12.01	12.11	0.10	WRS					
13.90	14.02	0.12	WRS					
15.68	17.06	1.38	C105604		0.7	114	292	56
17.06	19.13	2.07	C105605		<0.2	25	63	10
19.13	21.05	1.92	C105606		0.3	63	176	89
21.05	22.05	1.00	C105607		0.2	51	81	19
23.15	23.26	0.11	WRS					
24.59	26.70	2.11	C105608		<0.2	30	120	18
26.70	28.70	2.00	C105609		<0.2	14	74	6
28.70	30.58	1.88	C105610		<0.2	19	44	9
30.58	32.36	1.78	C105611		<0.2	23	42	9
32.36	33.00	0.64	C105612		<0.2	11	11	5
33.00	33.88	0.88	C105613		<0.2	34	115	23
33.88	37.32	3.44	C105614		0.3	41	85	7
47.02	47.10	0.08	WRS					
64.67	66.14	1.47	C105615		<0.2	33	96	17
66.14	67.45	1.31	C105616		0.3	38	151	99
67.45	69.90	2.45	C105617		0.3	37	155	68
69.90	72.13	2.23	C105618		<0.2	44	128	20
71.04	71.10	0.06	WRS					
72.13	74.43	2.30	C105619		0.2	46	77	9

SYNOPTIC LOG
MIKE LAKE PROPERTY

Hole: MG-06-02 Zone: MAGNUM Section:

Easting:	Northing:	Elevation:	Depth:
522515	7146532	530m	160.02

Logger: M. Nunez

Drilling Dates: Sept 15-17 2006

Depth	0	160.02			
Azimuth	142	142	---	---	---
Dip	70	68			
Method	CLINO	BRUNTON			

From (m)	To (m)	Interval (m)	Unit	Comments
74.43	75.77	1.34	MIXED	MIXED PHYLLITE AND QUARTZ SERICITE SCHIST
75.77	160.02	84.25	F.VOL	FELSIC VOLCANIC SEQUENCE THAT HAS BEEN MOD-STRONGLY HEMATITE ALTERED
				E.O.H 160.02

From (m)	To (m)	Interval (m)	Sample No.	REC %	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
74.43	76.20	1.77	C105620		0.4	75	92	9
76.20	77.63	1.43	C105621		<0.2	81	67	8
77.63	79.65	2.02	C105622		0.3	54	95	13
79.65	81.41	1.76	C105623		<0.2	38	69	8
81.41	82.76	1.35	C105624		<0.2	31	102	11
82.76	84.20	1.44	C105625		<0.2	41	124	11
84.20	86.42	2.22	C105626		0.3	53	23	5
86.27	86.36	0.09	WRS					
86.42	88.23	1.81	C105627		<0.2	102	47	18
88.23	89.92	1.69	C105628		<0.2	20	19	2
89.92	91.44	1.52	C105629		<0.2	16	34	3
99.15	99.25	0.10	WRS					
103.75	106.20	2.45	C105630		<0.2	50	32	7
106.20	108.43	2.23	C105631		<0.2	64	74	9
123.31	123.86	0.55	C105632		<0.2	35	74	11