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ASSESSMENT REPORT

describing

GEOCHEMICAL SAMPLING, GEOPHYSICAL SURVEYS, HAND TRENCHING AND DIAMOND DRILLING

at the

FAIRWEATHER PROPERTY

PDM 1-20	YC47987-YC48006
21-40	YC54958-YC54977
41-78	YC57606-YC57643

NTS 105J/13
Latitude 62°51´N; Longitude 131°38´W

in the

Mayo Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

STRATEGIC METALS LTD.

by

Dan Gregory, B.Sc. Geology, GIT

April 2009

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APPENDICES

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INTRODUCTION

The Fairweather property hosts copper and/or gold occurrences and multi-element soil geochemical anomalies, which are associated with quartz diorite plutons. The property is located in central Yukon. It is owned by Shawn Ryan and is under option to Strategic Metals Ltd., which can earn a 100% interest subject to a net smelter royalty.

This report describes exploration work that was conducted in four phases between June 23 and August 29, 2008 by Archer, Cathro and Associates (1981) Limited on behalf of Strategic Metals. The work included: 1) helicopter-borne versatile time domain electromagnetic (VTEM) and magnetic surveys that expanded upon surveys conducted in 2007; 2) prospecting and soil sampling to follow up previously identified geochemical anomalies; 3) a total of 883.93 m of diamond drilling in three holes to test copper and gold anomalies outlined by earlier work; and 4) hand trenching to expose mineralized bedrock at a gold-in-soil anomaly discovered in 2008. The author participated in and managed the program. His Statement of Qualifications appears in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Fairweather claims are located in the Selwyn Mountains of central Yukon, 106 km north-northeast of the community of Ross River at latitude 62°51´N and longitude 131°38´W on NTS map sheet 105J/13 (Figure 1).

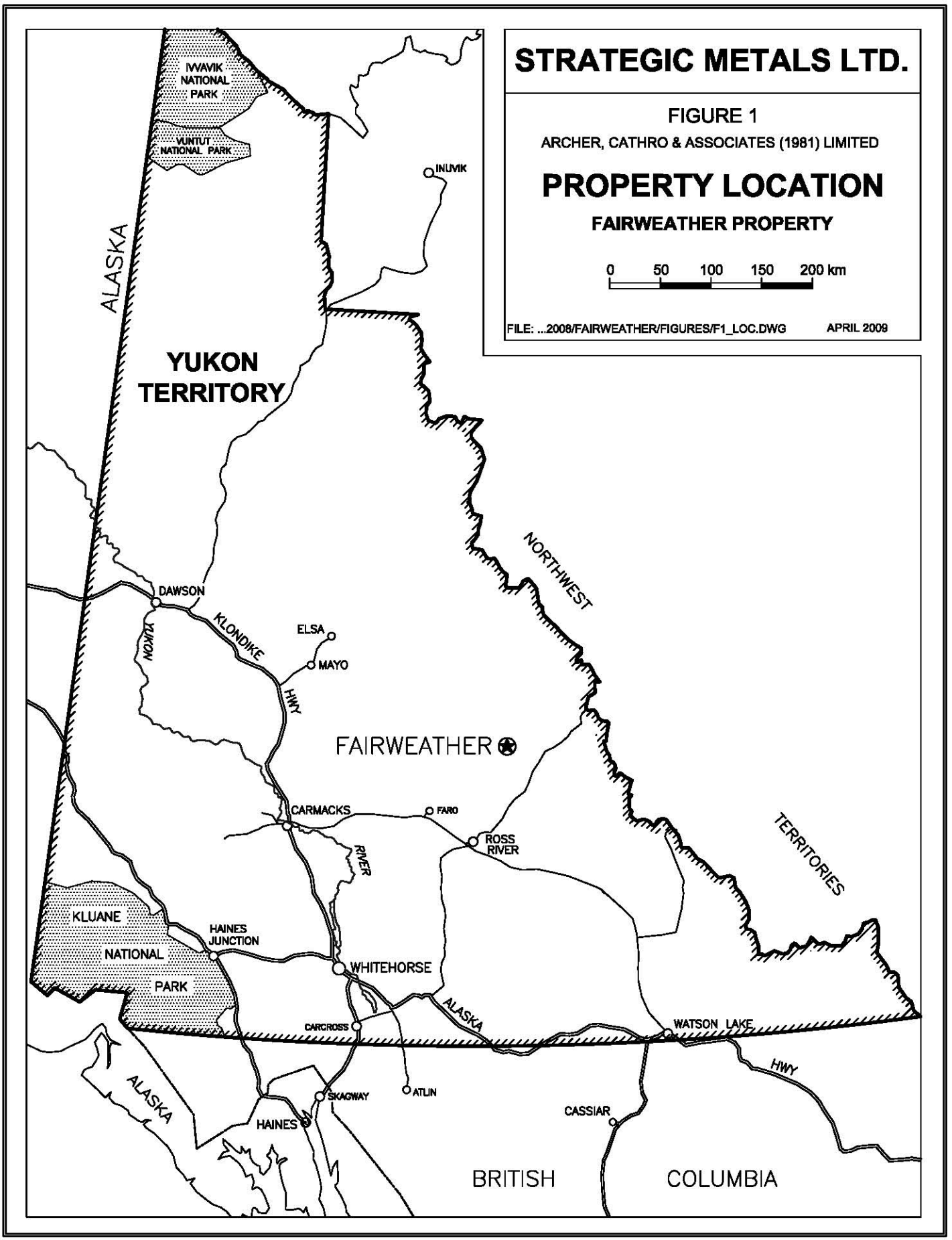
The property comprises 78 contiguous mineral claims covering approximately 1600 ha. Strategic Metals optioned the first 40 claims from Shawn Ryan and staked an additional 34 claims in fall 2007 within an area of interest. All of the claims are registered with the Mayo Mining Recorder in the name of Shawn Ryan. Claim registration data are listed on Table I while the locations of individual claims are shown on Figure 2.

Table I: Claim Data

Claim Name	Grant Number	Expiry Date*
PDM 1-20	YC47987-YC48006	May 19, 2017
PDM 21-40	YC54958-YC54977	May 19, 2016
PDM 41-78	YC57606-YC57643	May 19, 2013

* Expiry date includes 2008 work which has been filed but not yet accepted.

The camp was mobilized from the Twin Creeks Airstrip by a Bell 206 BL4 helicopter based at the Plata exploration camp, approximately 85 km to the north. The drill was mobilized from and demobilized to the Twin Creeks Airstrip using a Bell 206 BL4 helicopter based on the property. Drill moves and daily crew support during the drill stage of the program were conducted by a Bell 206 BL4 helicopter based on the property, except when it was in Dawson City on routine maintenance; then either a 206B Jet Ranger or Hughes 500D was used instead. Demobilization of the camp was conducted by a Hughes 500D. All helicopters were operated by Fireweed Helicopters Ltd. of Whitehorse, YT.


STRATEGIC METALS LTD.
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
FAIRWEATHER PROPERTY
0 50 100 150 200 km
FILE: ...2008/FAIRWEATHER/FIGURES/F1_LOC.DWG
APRIL 2009
IVVAVIK NATIONAL PARK
VUNTUT NATIONAL PARK
INUVIK
ALASKA
YUKON TERRITORY
NORTHWEST
TERRITORIES
DAWSON
YUKON
KLONDIKE
HWY
ELSA
MAYO
FAIRWEATHER
CARMACKS
FARO
ROSS RIVER
RIVER
KLUANE NATIONAL PARK
HAINES JUNCTION
WHITEHORSE
ALASKA
CARCROSS
WATSON LAKE
HWY
ALASKA
SKAGWAY
ATLIN
HAINES
CASSIAR
BRITISH COLUMBIA

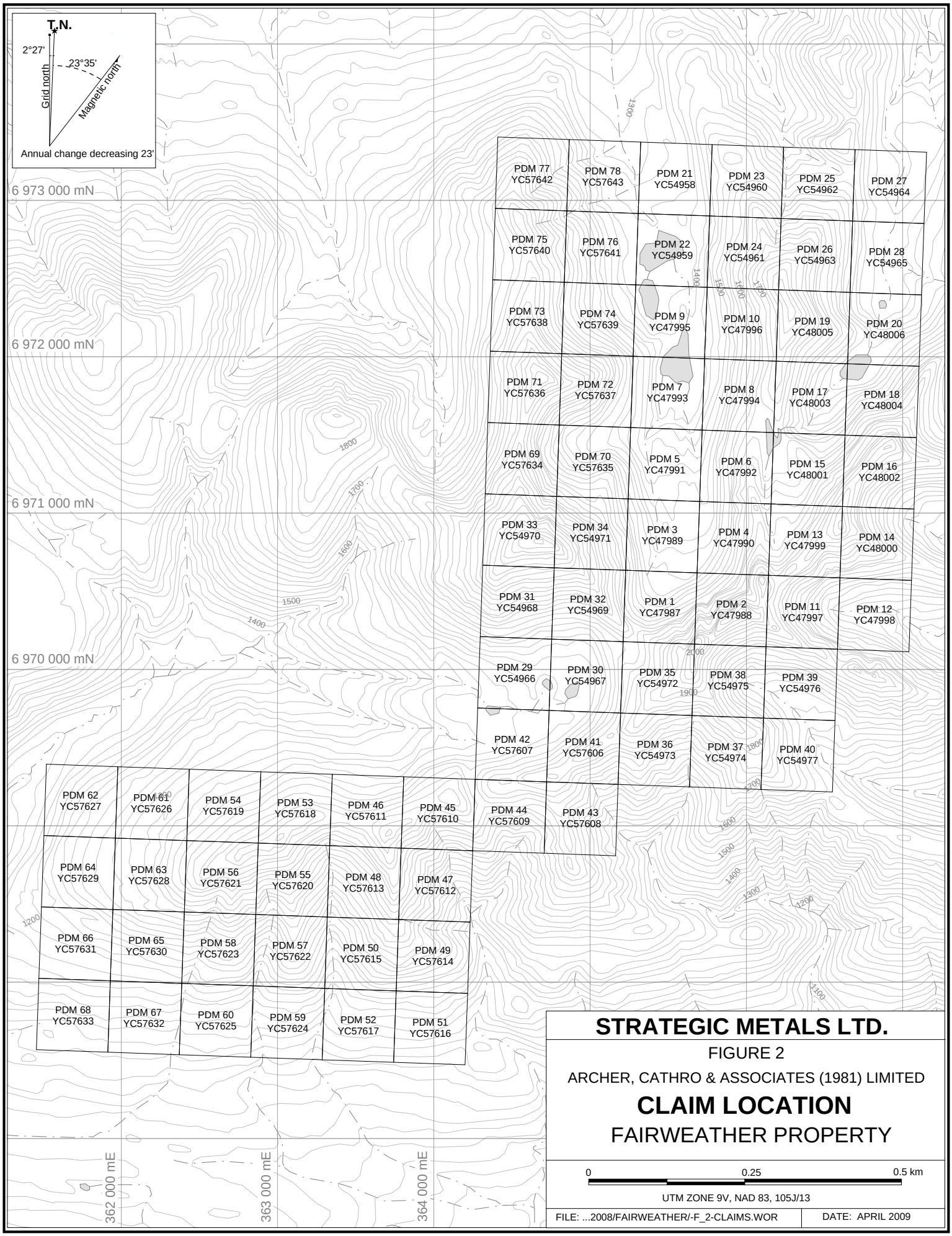


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FIGURE 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATION

FAIRWEATHER PROPERTY

0 0.25 0.5 km

UTM ZONE 9V, NAD 83, 105J/13

FILE: ...2008/FAIRWEATHER/-F_2-CLAIMS.WOR | DATE: APRIL 2009

The helicopter-borne magnetic and VTEM surveys were flown from a temporary base at the Ross River Airport with intraday refuelling at the Twin Creeks Airstrip, using a specially equipped helicopter provided by the geophysical contractor.

HISTORY AND PREVIOUS WORK

In 1967, Atlas Exploration Company Ltd. identified disseminated copper mineralization and anomalous silt geochemistry in and around the Spearhead Mountain Stock, which is now part of the Fairweather property. In 1968, it conducted mapping, prospecting and geochemical sampling. Research done in conjunction with this work was submitted as part of an undergraduate thesis at the University of British Columbia (Sanford, 1969).

In 1971, Phelps Dodge Corporation of Canada Ltd. staked the PDM 1-144 claim group over the Spearhead Mountain Stock and surrounding sedimentary rocks. The following year, it conducted mapping, geochemical sampling, magnetometer surveys and blast trenching. This program identified a north-northeast trending, 2200 by 1300 m band of disseminated and fracture-filling mineralization that locally graded up to 0.3% copper (Hilker, 1972). No gold analyses were reported.

In 1998, Viceroy Exploration (Canada) Inc. restaked the area as the Mozart 1-144 claims. It conducted limited geological mapping and reconnaissance level geochemical sampling. This work yielded rock samples up to 6 g/t gold and silt samples up to 270 ppb gold.

In 2006, Shawn Ryan restaked the Spearhead Mountain Stock as the PDM 1-20 claims and later added the PDM 21-40 claims, after receiving favourable copper and gold results from soil sampling and prospecting. Shawn Ryan optioned the property to Strategic Metals in early 2007 and performed soil sampling on its behalf in summer of the same year. In November 2007, Strategic Metals added the PDM 41-78 claims to the southwest corner of the property.

GEOMORPHOLOGY

The Fairweather property is located within the Selwyn Mountains. It is drained by creeks that flow into the South Macmillan River and ultimately into the Pacific Ocean via the Yukon River.

Local elevations range from 1200 m in the creek valleys to over 2000 m atop a series of peaks along a main northeast trending ridge. Topographical relief is rugged with sharp spurs and deep glacial valleys flanking the main ridge. Near vertical cliffs are found along headwalls in north facing cirques, while tarn lakes and rock glaciers are common on the floor of the cirques. Outcrop is abundant but often inaccessible. South facing slopes are mostly talus covered.

Vegetation is sparse with grass, sub-alpine willow and stunted black spruce below 1500 m, and unvegetated talus slopes at higher elevations.

REGIONAL GEOLOGY

The Fairweather property is located within Selwyn Basin (Figure 3), a tectonic element comprising deep water clastic rocks, chert and minor carbonate accumulated along the North American continental margin during Paleozoic time (Pigage, 2004).

The claims encompass the Spearhead Mountain Stock and part of a second intrusion (informally called the Wai Stock), which lies approximately 4.8 km to the southwest. Both plutons are believed to belong to the Mid-Cretaceous aged Tombstone Suite (Figure 4). This suite forms an approximately 600 km long belt of batholiths, stocks, plugs and dyke swarms, which extends from Macmillan Pass in the east to the Dawson City area in the west, where it is offset by the Tintina Fault before continuing into the Fairbanks District of Alaska (Figure 3). Mineralization typically associated with these intrusions includes gold, silver, lead, zinc, tungsten, molybdenum, tin and antimony (Diment, 1999).

Both intrusions cut sediments of the Earn Group, which is made up of Middle Devonian to Mississippian chert, shale and conglomerate with local limestone beds (Gordey and Makepeace, 1999). This package is underlain by Ordovician to Silurian quartzite, limestone, black and grey calcareous siltstone and greywacke of the Road River Group, which outcrop further to the north. Immediately south of the property, the Sheldon Thrust Fault juxtaposes the Earn Group with Precambrian to Late Cambrian quartzite, sandstone and shale of the Hyland Group.

PROPERTY GEOLOGY

Lithology

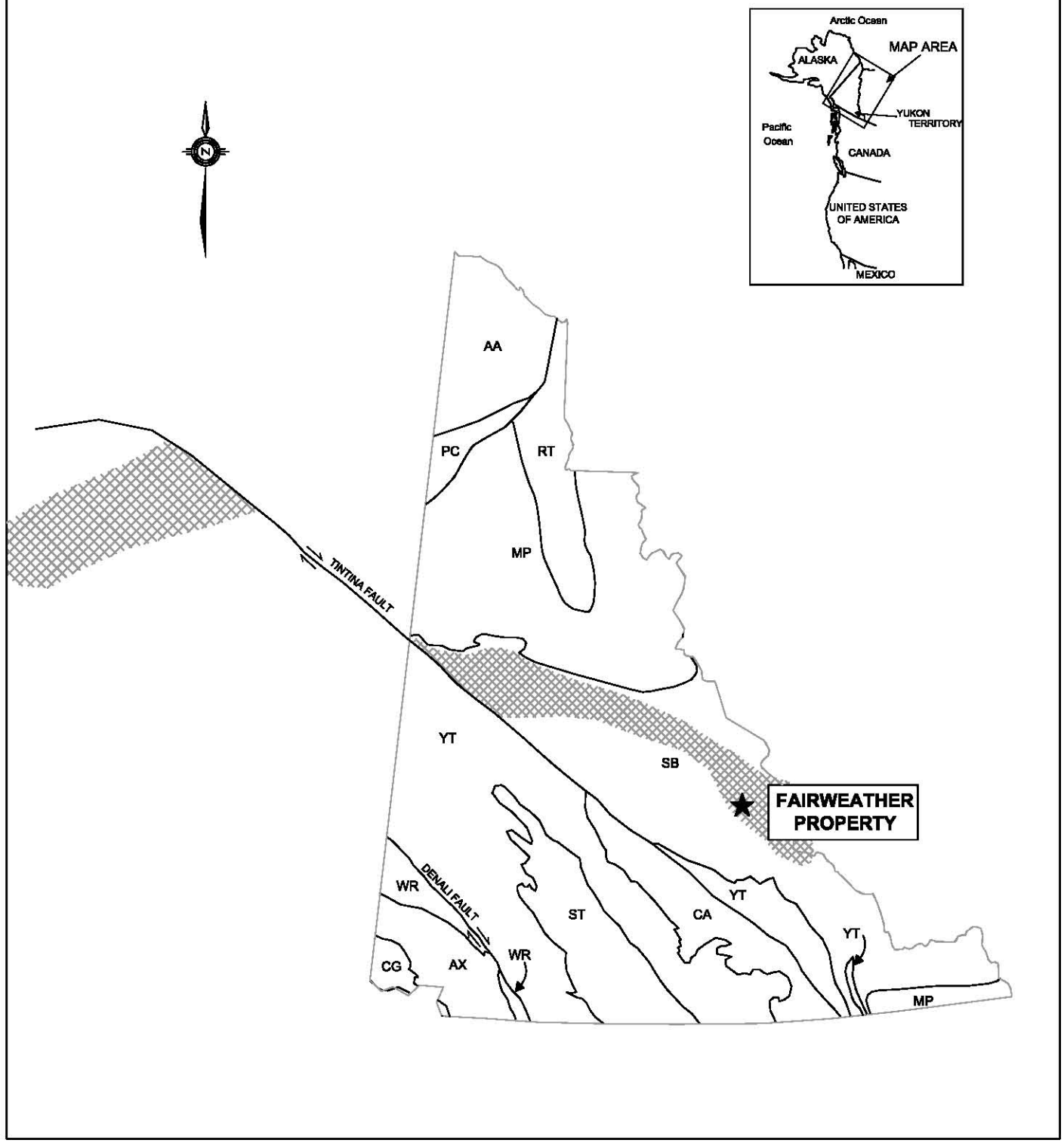
The following geological descriptions are primarily based on mapping done in 1968 by Atlas Exploration. Property geology is illustrated on Figure 5 while lithologies are described from oldest to youngest in the following paragraphs.

Hyland Group

The Hyland Group consists of massive, gritty quartzite with minor quartzite pebbles interbedded with dark grey shale and slate. The northeasterly verging, east-southeast trending Sheldon Thrust Fault puts this unit in contact with younger Paleozoic rocks. The surface trace of the thrust fault lies to the south of the property. The Hyland Group rocks are in the upper plate of the thrust, which is believed to have formed inboard of a subduction zone during Jurassic and Early Cretaceous times.

Earn Group

The Earn Group comprises a variably calcareous or dolomitic, starved-basin shale, mudstone and chert assemblage. Four different, apparently interbedded, sub-units of the Earn Group have been observed on the property.



ANCESTRAL NORTH AMERICA

- MP — Mackenzie Platform
- SB — Selwyn Basin
- RT — Richardson Trough

TERRANES
Displaced Continental Margin

- AA — Arctic Alaska
- CA — Cassiar
- PC — Porcupine

Pericratonic Terranes

- YT — Yukon-Tanana / Slide Mountain

ACCRETED TERRANES

- ST — Stikinia / Cache Creek
- AX — Alexander
- WR — Wrangellia
- CG — Chugach

PLUTONIC ROCKS

- Tombstone Suite

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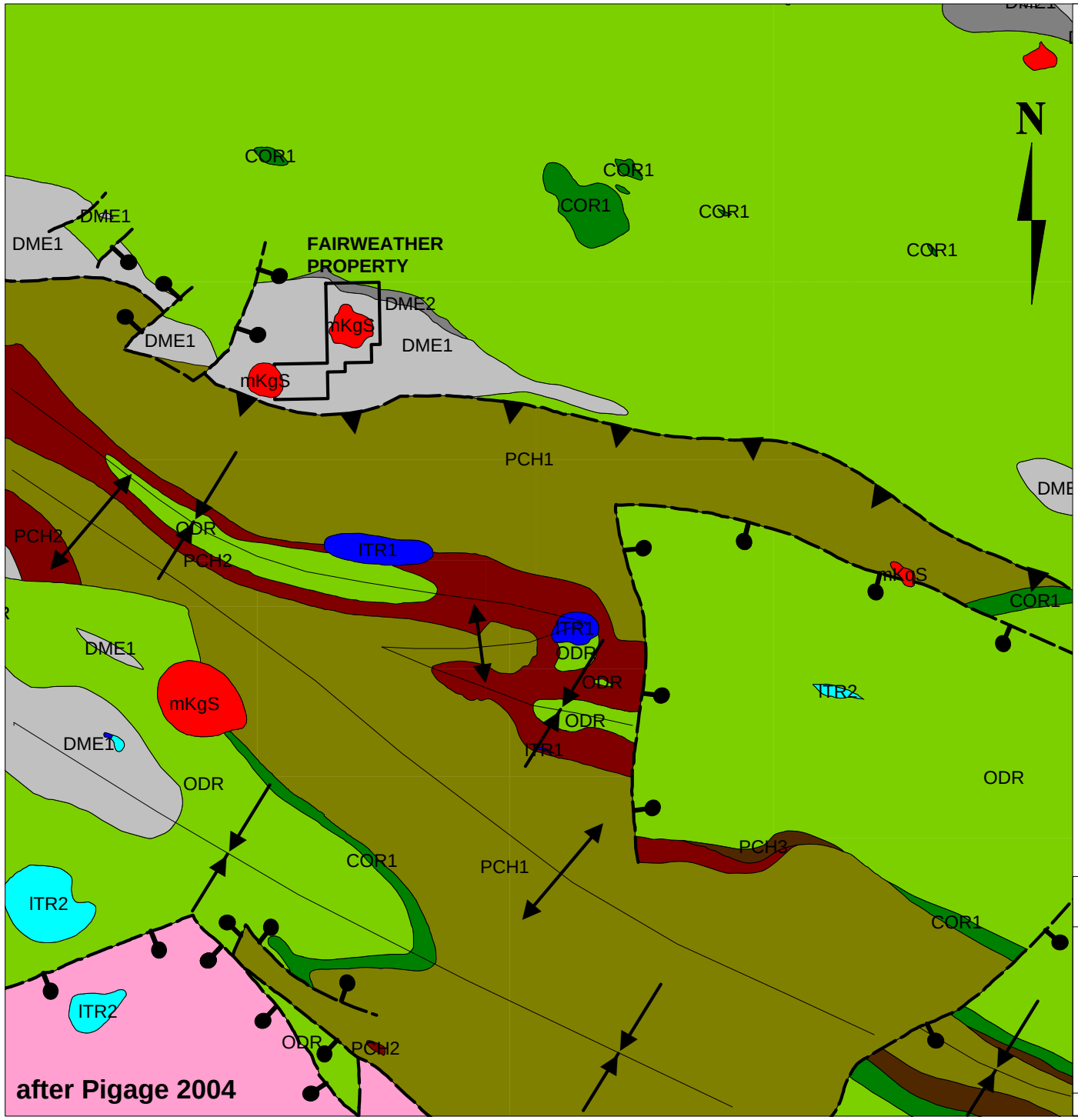
FIGURE 3

TECTONIC SETTING

FAIRWEATHER PROPERTY

0 100 200 300 km

FILE: ...2008\FAIRWEATHER\FIGURES\F_3-TECTONIC.D DATE: APRIL 2009



EOCENE

ITR1: Ross Group - Locally amygdaloidal, dark grey-green olivine basalt necks and flows; subaerial and subaqueous; volcaniclastic rocks; minor olivine gabbro; locally plagioclase basalt and diabase dykes; minor shale and conglomerate

ITR2: Ross Group - Rhyolite flows, tuffs, ash-flow tuffs and breccias, locally laminated; small stocks and necks of white weathering, flow-banded, quartz-sanidine porphyry to granite porphyry, locally obsidian bearing; local shale, sandstone and condlomerate

CRETACEOUS

KSF: South Fork Volcanics - Dark brown weathering, locally columnar jointed, massive, welded, biotite-quartz-horneblende-feldspar crystal tuff

mKt: Mid-Cretaceous Tombstone Suite - medium- to coarse-grained, locally porphyritic biotite +/-horneblende clinopyroxene granite, quartz monzonite and granodiorite

LOWER CARBONIFEROUS TO PERMIAN

CPMC: Mount Christie Group - burrowed, interbedded greenish grey cherty shale and green scale shale; thin to medium bedded, light grey-green to black chert; black siliceous slate and siltstone; minor quartzite, limestone and dolostone; locally abundant, large grey barite nodules

DEVONIAN TO MISSISSIPPIAN

DMe1: Earn Group - Thin bedded, laminated slate with thin to thickly interbedded fine to medium grained chert-quartz arenite and wacke; thick members of chert pebble conglomerate; black siliceous siltstone; nodular and bedded barite and rare limestone

DMe2: Earn Group - Silvery blue weathering black shale, argillite, cherty argillite and thin bedded chert; nodular and bedded barite; rare limestone

ORDOVICIAN TO LOWER DEVONIAN

ODR: Road River Group - black shale and chert overlain by orange siltstone or buff platy limestone. Locally contains beds as old as Middle Cambrian.

UPPER CAMBRIAN TO ORDOVICIAN

COR: Rabbitkettle Group - Thin bedded, wavy banded, silty limestone and grey lustrous calcareous phyllite; limestone intraclast breccia and conglomerate; massive to laminated, grey siltstone and chert and rare black slate; local mafic flows, breccia, and tuff

PROTEROZOIC TO LATE CAMBRIAN

PCh1: Hyland Group - Thin to thick bedded, brown to pale green shale, fine to coarse grained quartz-rich sandstone and quartz-pebble conglomerate

PCh2: Hyland Group - Grey weathering, dark grey to grey white, thin to think bedded, very fine crystaline limestone

PCh3: Hyland Group - Distinctive, recessive, maroon weathering, interbedded maroon and apple-green slate

Approximate syncline

Approximate anticline

Approximate thrust fault

Approximate steeply dipping fault

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FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL GEOLOGY

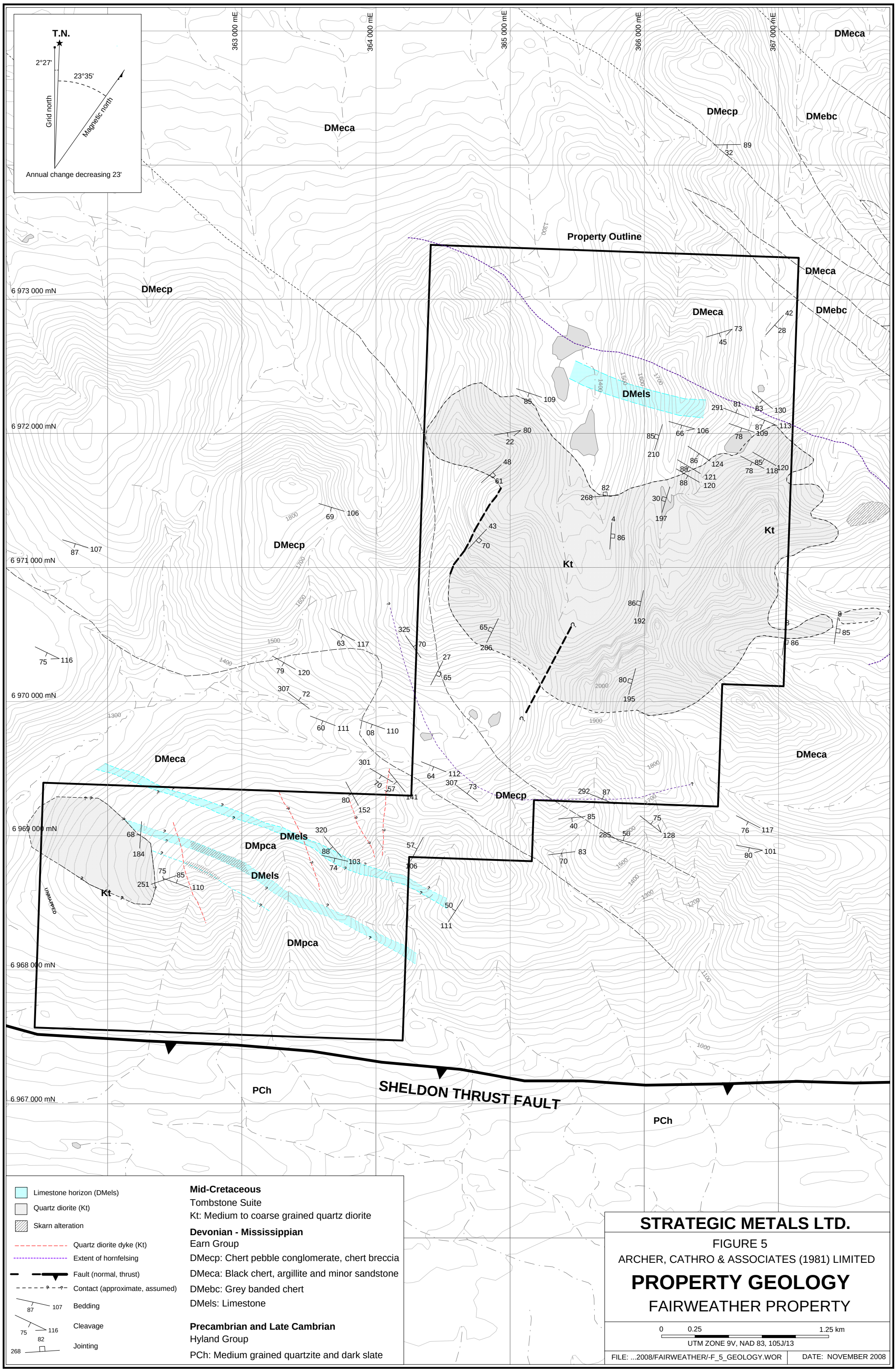
FAIRWEATHER PROPERTY

0 9 18

UTM ZONE 11W, NAD 83, 082 E16

...2008/FAIRWEATHER/FIGURES/REGIONAL.WOR

DATE: APRIL 2009


T.N.
2°27'
23°35'
Grid north
Magnetic north
Annual change decreasing 23'
363 000 mE
364 000 mE
365 000 mE
366 000 mE
367 000 mE
6 973 000 mN
6 972 000 mN
6 971 000 mN
6 970 000 mN
6 969 000 mN
6 968 000 mN
6 967 000 mN
Property Outline
DMeca
DMecp
DMebc
DMels
DMpca
Kt
PCh
SHELDON THRUST FAULT
UNMAPPED
Limestone horizon (DMels)
Quartz diorite (Kt)
Skarn alteration
Quartz diorite dyke (Kt)
Extent of hornfelsing
Fault (normal, thrust)
Contact (approximate, assumed)
Bedding
Cleavage
Jointing
Mid-Cretaceous
Tombstone Suite
Kt: Medium to coarse grained quartz diorite
Devonian - Mississippian
Earn Group
DMecp: Chert pebble conglomerate, chert breccia
DMeca: Black chert, argillite and minor sandstone
DMebc: Grey banded chert
DMels: Limestone
Precambrian and Late Cambrian
Hyland Group
PCh: Medium grained quartzite and dark slate
STRATEGIC METALS LTD.
FIGURE 5
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY GEOLOGY
FAIRWEATHER PROPERTY
0 0.25 1.25 km
UTM ZONE 9V, NAD 83, 105J/13
FILE: ...2008/FAIRWEATHER/-F_5_GEOLOGY.WOR
DATE: NOVEMBER 2008

The first sub-unit (DMeca) is composed of carbonaceous black argillite, black chert and minor interbedded chert breccia. These rocks weather to a light grey colour and contain minor disseminated pyrite. Near the Spearhead Mountain Stock, the rocks are paler and coarser grained due to hornfels alteration.

A calcareous sub-unit (DMels) lies within the carbonaceous black argillite. It consists of crystalline and argillaceous limestone and calcareous argillite. These rocks exhibit small lenses of calcite within a fine grained micritic matrix. The distribution of these horizons is not well understood. Within 1.5 km of the Wai Stock the DMeca contains approximately 15% DMels interbeds, occurring in two large (50 m wide) horizons and a series of thinner horizons ranging from one to ten metres thick. A 100 m thick horizon also occurs 400 m north of the Spearhead Mountain Stock. Actinolite-tremolite-pyroxene skarn is developed where this unit is found near the stocks (Figure 5).

Grey-bedded chert (DMebc) has been identified at approximately the same stratigraphic level as the carbonaceous sub-unit and may be an organic-poor analogue. It is coarsely bedded with manganese staining and dendrites along laminations.

The final sub-unit (DMecp) comprises massive chert pebble conglomerate with interbedded quartzite, shale and chert breccia. Pebbles are mostly light or dark grey chert with lesser argillite and quartzite. They range from 5 mm to 2 cm in diameter with rare cobbles up to 30 cm (Sanford, 1969).

Tombstone Suite

The Spearhead Mountain Stock is a Mid-Cretaceous pluton composed of medium to coarse grained, porphyritic quartz diorite with varying amounts of hornblende. Disseminated pyrrhotite±chalcopyrite are present throughout it. Weathered surfaces are often limonite stained due to decomposition of sulphides. Wallrocks surrounding this stock often exhibit strong hornfels alteration, which produced abundant disseminated and laminar pyrrhotite. Where weathered these rocks are much more gossanous than the mineralized intrusive rocks.

The Wai Stock does not appear on regional-scale geology maps. Its composition is generally similar to the Spearhead Mountain Stock, except that, where observed, it does not contain significant amounts of disseminated sulphides. The size of the stock is uncertain because it continues off the claims to the west. Localized skarn is developed near this stock within calcareous horizons of the Earn Group.

Three sets of dykes have been observed on the property: lamprophyre, dacite and quartz diorite porphyry. All three sets are preferentially developed parallel to the northerly trend of areal joints with steep dips. The dykes are seldom more than three metres wide. Their relative age relationships are unknown, but all are thought to be approximately coeval with the main intrusions.

The lamprophyre reportedly consists of 1 mm plagioclase and 2 mm quartz phenocrysts in a dense dark grey groundmass. Only one lamprophyre dyke has been observed. It is 1.5 m wide and connects the Spearhead Mountain Stock with the Wai Stock.

Several fine grained, light green-grey dacite dykes with disseminated pyrite have been mapped on various parts of the property. They are easily identified by their distinctive orange weathering.

Quartz diorite porphyry dykes are developed in the sedimentary and metasedimentary rocks. They are believed to have crystallized from the same magmatic phase as the quartz diorite because they are compositionally similar and are not observed to cut the stocks.

Structure

The most significant structural feature is the northeasterly verging, east-southeasterly trending Sheldon Thrust Fault, which is located immediately south of the claim block and juxtaposed sediments of the Hyland Group against younger sediments of the Earn Group. Two smaller north-northeast trending normal faults have been observed on the property: one forms part of the east boundary of the Spearhead Mountain Stock while the other cuts through the centre of it. These are sub-parallel to normal faults that are shown to offset the Sheldon Thrust Fault, approximately 8 km east of the property. The dominant fracture orientation, both within intrusions and sediments on the property, has a north-northwest trend and steep westerly dip. Fracture density varies significantly, ranging from less than one to over fifty fractures per metre.

Bedding generally strikes east-southeasterly and dips steeply to the south-southwest. Where present, the folds are upright with west-northwest trending axes. The folding and thrusting took place prior to emplacement of the intrusions.

MINERALIZATION

Three types of mineralization have been observed on the Fairweather property: 1) disseminated and fracture-filling porphyry style copper-gold, 2) gold skarn and 3) gold-bearing quartz vein. Porphyry style mineralization was identified by earlier workers within the Spearhead Mountain Stock and was the focus of diamond drilling during the 2008 exploration program. Skarn mineralization was identified in 2008 by a combination of soil sampling, prospecting and hand trenching in the vicinity of silt sample anomalies described by Atlas Exploration. Vein mineralization was also discovered in 2008 by prospecting that followed-up soil geochemical anomalies described by previous workers.

A total of 52 rock and chip samples were collected in 2008. Sample Handling and Analytical Procedures are described in Appendix II; Certificates of Analysis are in Appendix III; and Rock Sample Descriptions are in Appendix IV. Sample locations are illustrated on Figure 6. R values calculated for rock samples taken in 2008 can be found in Appendix V.

Disseminated pyrrhotite and chalcopyrite have been identified in trace to moderate amounts throughout the Spearhead Mountain Stock. They are most abundant in the southeastern half of the intrusion, within a north-northeast trending band that is approximately 2200 m long by

361 000 mE
362 000 mE
363 000 mE
364 000 mE
365 000 mE
366 000 mE
368 000 mE
6 972 000 mN
6 971 000 mN
6 970 000 mN
6 969 000 mN

PROPERTY BOUNDARY

B374566
B374561
B374560
B374565
B374563
B374564
B374562
B374559
B374558
ANOMALY 4
B374557
ANOMALY 2
C107408
ANOMALY 6
C107402
C107401
C107407
C107406
C107405
C107404
ANOMALY 5
★ Chip samples H237501 - H237506
across 13 m parrallel to ridge.
ANOMALY 1

G004465
B374556
G004461
B374555
G004463
G004464
C107412
C107411
G004462
C107416
C107417
C107413
C107414
C107415
ANOMALY 3
C107408
C107409
C107410

T.N.
2°45'
24°18'
Grid north
Magnetic north
Annual change decreasing 27'

Anomalous Rock Samples		
Sample Number	Cu (ppm)	Au (ppb)
C107401	2470	77
C107403	1955	27
C107405	29	6900
B374555	1015	4
B374558	1010	17
G004461	1775	740
G004462	126	620

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FIGURE 6
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

2008 ROCK SAMPLE LOCATIONS

FAIRWEATHER PROPERTY

0 500 1,000 m

UTM ZONE 9, NAD 83, 105J13

FILE: ...2008/2007 FIGURES/ROCK SAMPLES

DATE: APRIL 2009

1300 m wide. The highest grade regions of this band occur where sulphides appear as both disseminations and fracture-fillings (Hilker 1972). Phelps Dodge reported chip samples up to 0.3% copper across 1.8 m. In 2008, chip samples taken parallel to section line DDH-FW08-01 returned a weighted average of 0.091 ppm gold, 1.08 ppm silver and 414 ppm copper over 13 m. Specimen samples taken from float in various parts of the higher grade band ranged from 0.012 to 0.077 ppm gold and 226 to 2470 ppm copper.

Prominent hornfels alteration zones are developed on the periphery of the Spearhead Mountain Stock (Figure 5). Although they form impressive gossans, pyrrhotite is the only sulphide reported within them. No samples were collected from the gossans in 2008 and none were reported from earlier work programs.

The Wai Stock does not contain disseminated sulphide and is not surrounded by hornfels. However, where it intrudes limestone horizons within the Earn Group, it produces tremolite-actinolite-pyroxene skarn. A massive sulphide body consisting of pyrite, pyrrhotite and minor arsenopyrite was discovered in 2008 within one such skarn. This occurrence is called the Ming Showing. Gold occurs in and adjacent to the massive sulphide body, with the highest values coming from the heavily fractured and limonite stained cherty shale along its margins. This mineralization may be directly related to the skarn or could be hosted in a large vein that has cut pre-existing skarn. The mineralization lacks open space filling textures and has a mesothermal geochemical signature (high bismuth). The Ming Showing is described in more detail in the Hand Trenching section later in the report.

Skarn mineralization is also observed in a parallel limestone horizon, located approximately 150 m to the northeast. Where this skarn is exposed, it contains only minor disseminated pyrrhotite and chalcopyrite. One specimen sample was taken from a limonitic zone on the margin of the skarn, and it returned 0.035 g/t gold and 5.1 g/t silver.

Samples of quartz vein float collected during prospecting traverses that followed up a soil geochemical anomaly (Anomaly 5) within sedimentary rocks immediately southwest of the Spearhead Mountain Stock, yielded low values except for a sample that returned 6.9 g/t gold and 7.4 g/t silver.

SOIL GEOCHEMISTRY

Soil sampling was conducted in several parts of the property by previous operators. In 2008, additional sampling was done in the vicinity of high lead and zinc values discovered by Atlas Exploration in 1969. These anomalous values do not appear to have been systematically followed up by any of the previous workers.

A total of 154 soil samples were taken on a ridge in the southwest corner of the property; this led to the discovery of the Ming Showing. The original grid contained 129 samples taken along six lines spaced 100 m apart, with three 1250 m long lines and three 600 to 800 m long lines. Based on positive results, a further 25 samples were taken at 25 m spacings on a 100 m by 100 m grid centred on the highest gold value discovered during the first stage of sampling. Sample Handling and Analytical Procedures can be found in Appendix II and Certificates of Analysis are

in Appendix III. R values were calculated for soil samples taken in 2008 and can be found in Appendix V.

Historical sample data for copper and gold was compiled with 2008 data for those elements and the composite results are presented thematically on Figures 7 and 8, respectively. The property has a high background for both metals compared to regional data. Accordingly, anomalous thresholds are set quite high as shown on Table II.

Table II: Soil Geochemical Statistics

Element	Weak	Moderate	Strong	Maximum
Cu (ppm)	≥500 <1000	≥1000 <2000	≥2000	8000
Au (ppb)	≥50 <100	≥100 <200	≥200	9070
Ag (ppm)	≥1 <2	≥2 <5	≥5	21.8
Pb (ppm)	≥100 <200	≥200 <500	≥500	7050
Zn (ppm)	≥200 <500	≥500 <1000	≥1000	2370
Mo (ppm)	≥10 <20	≥20 <50	≥50	60
As (ppm)	≥200 <500	≥500 <1000	≥1000	2350

Interpretation of results from historical and 2008 soil sampling has identified six specific areas of anomalous soil geochemistry on the property. These areas are designated Anomalies 1 to 6 and are discussed in the following paragraphs.

Anomaly 1 is aligned sub-parallel to topography below steep cliffs and to the northeast of a prominent saddle in the south-central part of the claim block. It trends northeasterly and covers a 650 by 250 m area. The anomaly is defined by moderately to strongly anomalous copper, gold and silver values that range up to 5000 ppm copper, 347 ppb gold and 21.8 ppm silver. Intermittent, weak lead values also occur in the area. Samples taken by Phelps Dodge in 1972 indicate that Anomaly 1 may extend 500 m further to the southeast; however, subsequent sampling failed to confirm those results.

Anomaly 2 covers the steep, northwest facing slope on a northeast trending ridge in the eastern part of the claim block. It covers a 300 by 500 m area with strongly anomalous copper values up to 8000 ppm. The soil samples taken at this anomaly were only analyzed for copper.

Both Anomalies 1 and 2 lie within the Spearhead Mountain Stock and coincide with observed disseminated pyrrhotite and chalcopyrite mineralization. In 2008, diamond drilling was conducted at Anomalies 1 and 2, as discussed in the Diamond Drilling section later in the report.

Anomaly 3 covers a 500 by 1000 m area on an easterly trending ridge in the southwest part of the property. It cuts across the west end of the ridge where the Wai Stock has reacted with a calcareous unit within the Earn Group to produce a tremolite-actinolite-pyroxene skarn. Atlas Exploration reported strong lead and moderate zinc anomalies from creeks draining the south slope of the ridge.

During the 2008 field program, soil sampling was conducted to confirm the lead-zinc anomaly

T.N.

2°27'

23°35'

Grid north

Magnetic north

Annual change decreasing 23'

363 000 mE

364 000 mE

365 000 mE

366000 mE

367 000 mE

6 973 000 mN

6 972 000 mN

6 971 000 mN

6 970 000 mN

6 969 000 mN

6 968 000 mN

6 967 000 mN

Anomaly 4

Anomaly 2

DDH-FW08-02

DDH-FW08-03

Anomaly 6

Anomaly 1

Anomaly 5

DDH-FW08-01

Ming Showing

Anomaly 3

Not Mapped

Copper (ppm)

- ≥ 2,000
- ≥ 1,000 < 2,000
- ≥ 500 < 1,000
- ≥ 200 < 500
- ≥ 100 < 200
- ≥ 0 < 100

Limestone horizon

Skarn alteration

Tombstone Suite

1-2 m thick quartz diorite dykes

Extent of hornfelsing

Fault (normal, thrust)

Soil sample (1968, 1972, 1998, 2007 and 2008)

Silt sample (1968, 1998)

STRATEGIC METALS LTD.

FIGURE 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

COPPER SOIL GEOCHEMISTRY

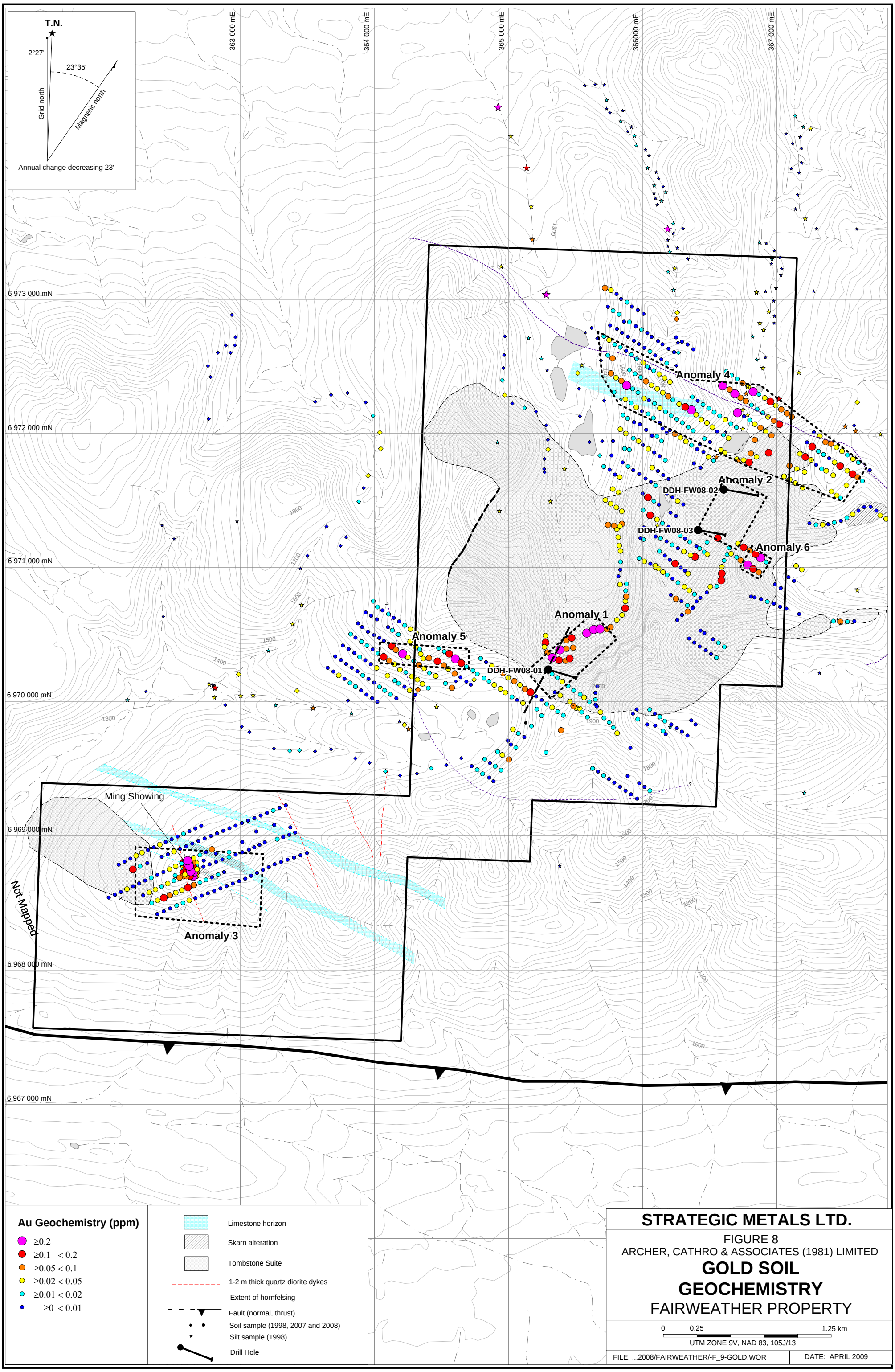
FAIRWEATHER PROPERTY

0 0.25 1.25 km

UTM ZONE 9V, NAD 83, 105J/13

FILE: ...2008/FAIRWEATHER/-F_7-COPPER.WOR

DATE: APRIL 2009



STRATEGIC METALS LTD.

FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GOLD SOIL GEOCHEMISTRY

FAIRWEATHER PROPERTY

0 0.25 1.25 km

UTM ZONE 9V, NAD 83, 105J/13

FILE: ...2008/FAIRWEATHER/-F_9-GOLD.WOR

DATE: APRIL 2009

discovered by Atlas Exploration. Sample locations are shown on Figure 9 while results for copper, gold, silver, lead and zinc are illustrated on Figure 10 through 14 respectively. As expected, this sampling identified areas of elevated lead and zinc but, surprisingly, it also returned high gold values. Follow up of these anomalous samples led to the discovery of the Ming Showing. The lead and zinc values are highest in the southern part of the grid area. High lead values are sometimes accompanied by weak to moderate silver response. The main gold anomaly straddles the ridge crest in the centre of the grid. It includes strongly anomalous gold-in-soil values ranging from 200 to 9060 ppb. Follow-up prospecting located massive pyrrhotite and boxwork limonite float that was later hand trenched (see Hand Trenching section later in the report).

Anomaly 4 covers a south-southeast trending, 2000 by 750 m band in the northern part of the property. This anomaly is aligned perpendicular to slope and crosses two ridges and the intervening valley, near the contact between the Spearhead Mountain Stock and adjacent sediments. The area is weakly to strongly anomalous in molybdenum with values up to 60 ppm. These values are highest in the western part of the anomaly where high zinc values were also reported (up to 2370 ppm). Intermittent, moderately to strongly anomalous gold, silver and arsenic values are scattered throughout this anomaly with peak values of 584 ppb, 2.68 ppm, and 5200 ppm respectively.

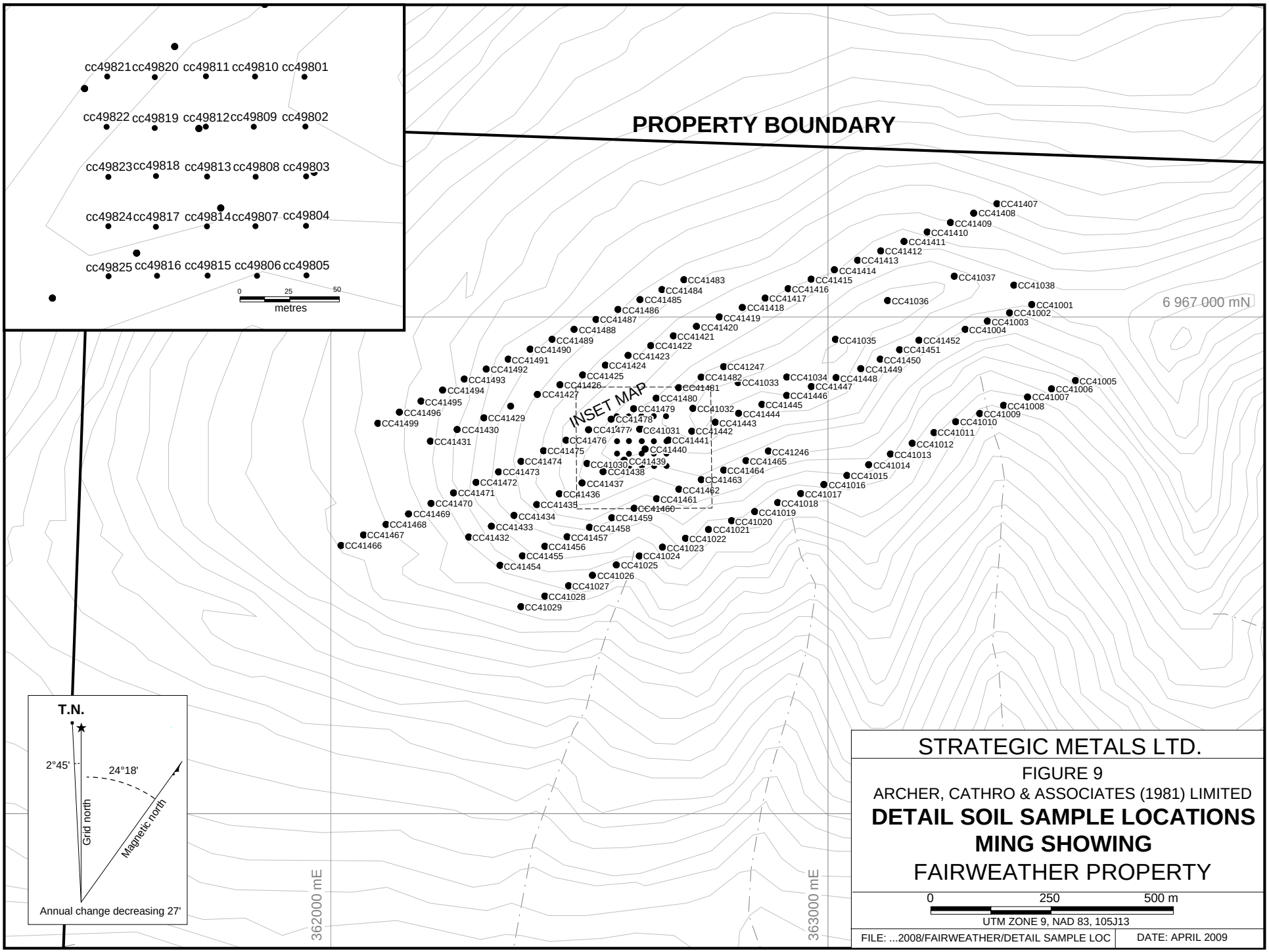
Both Anomalies 3 and 4 occur near calcareous units, which makes them prospective for metalliferous skarns.

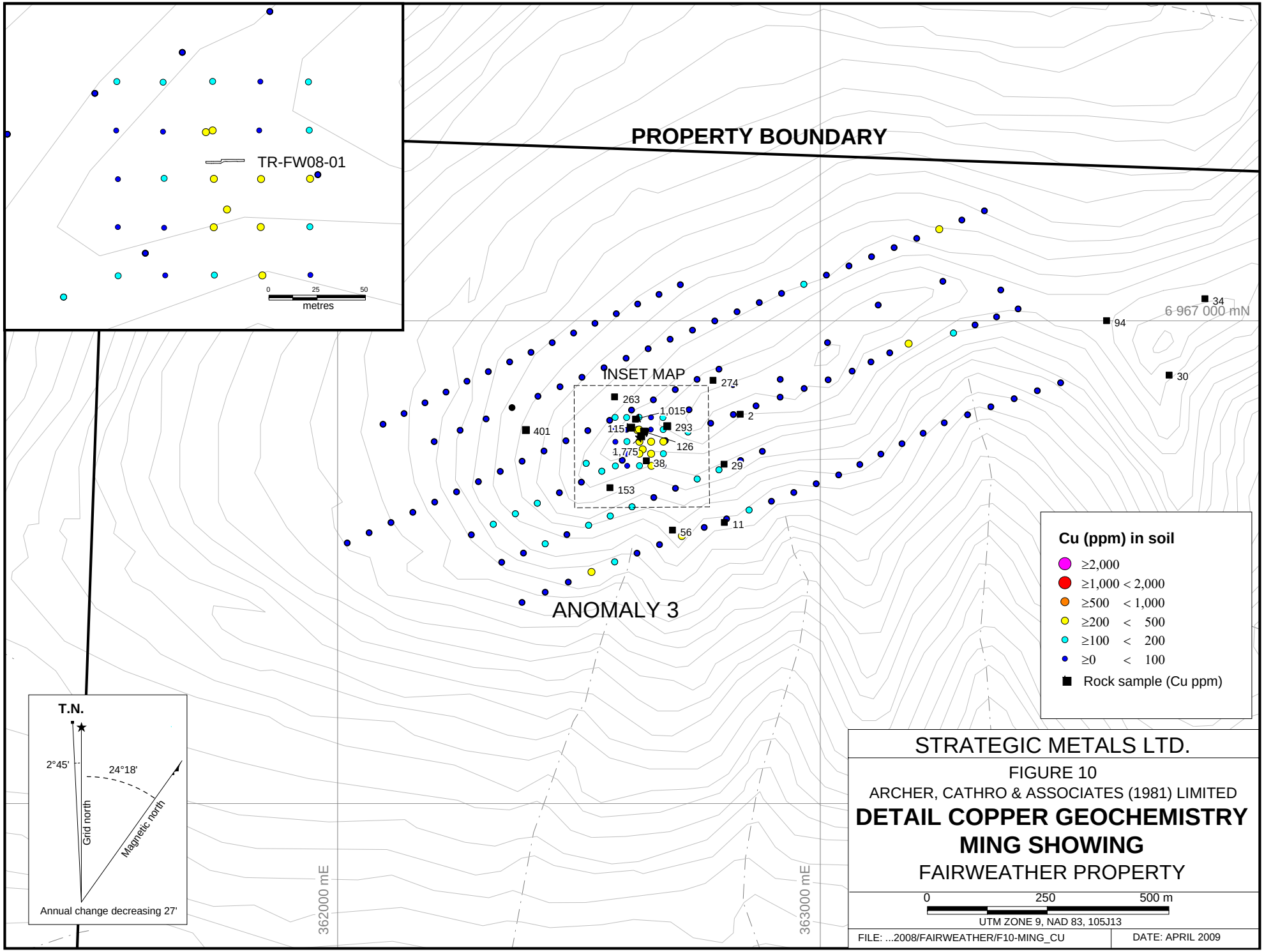
Anomaly 5 covers a 700 m by 200 m area that trends easterly, parallel to topography. It is moderately to strongly anomalous for gold with values up to 400 ppb. In 2008, prospecting and rock sampling in the area located a quartz vein sample that graded 6.9 g/t gold and 7.4 g/t silver. Unfortunately the vein float is scarce, suggesting that the veins are too small and too low density to be of economic interest.

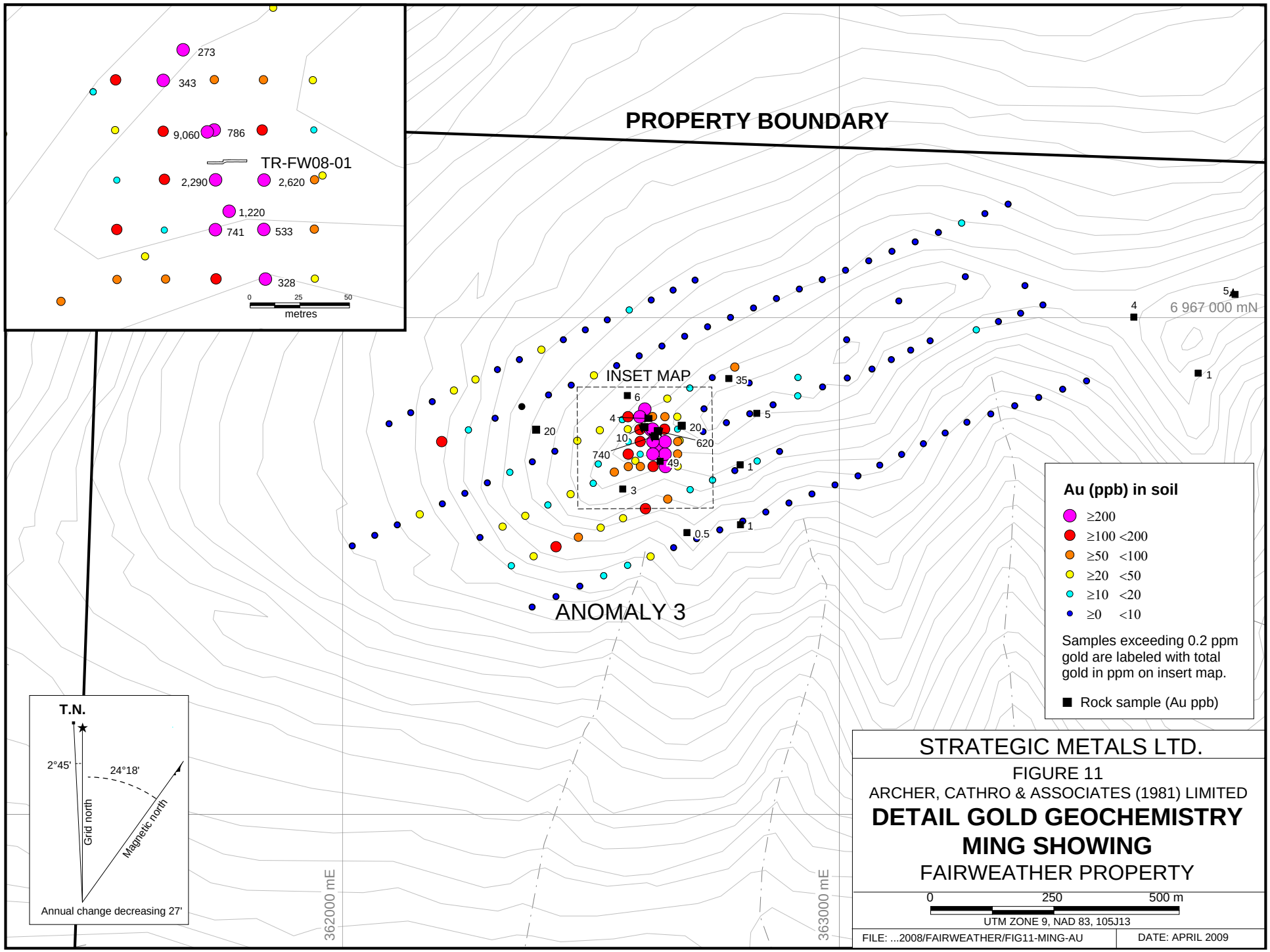
Anomaly 6 covers a 200 m by 200 m area on the opposite side of the ridge from Anomaly 2. It is strongly anomalous for gold, moderately anomalous for arsenic and weakly anomalous for silver with values up to 340 ppb, 3050 ppm and 2.68 ppm, respectively.

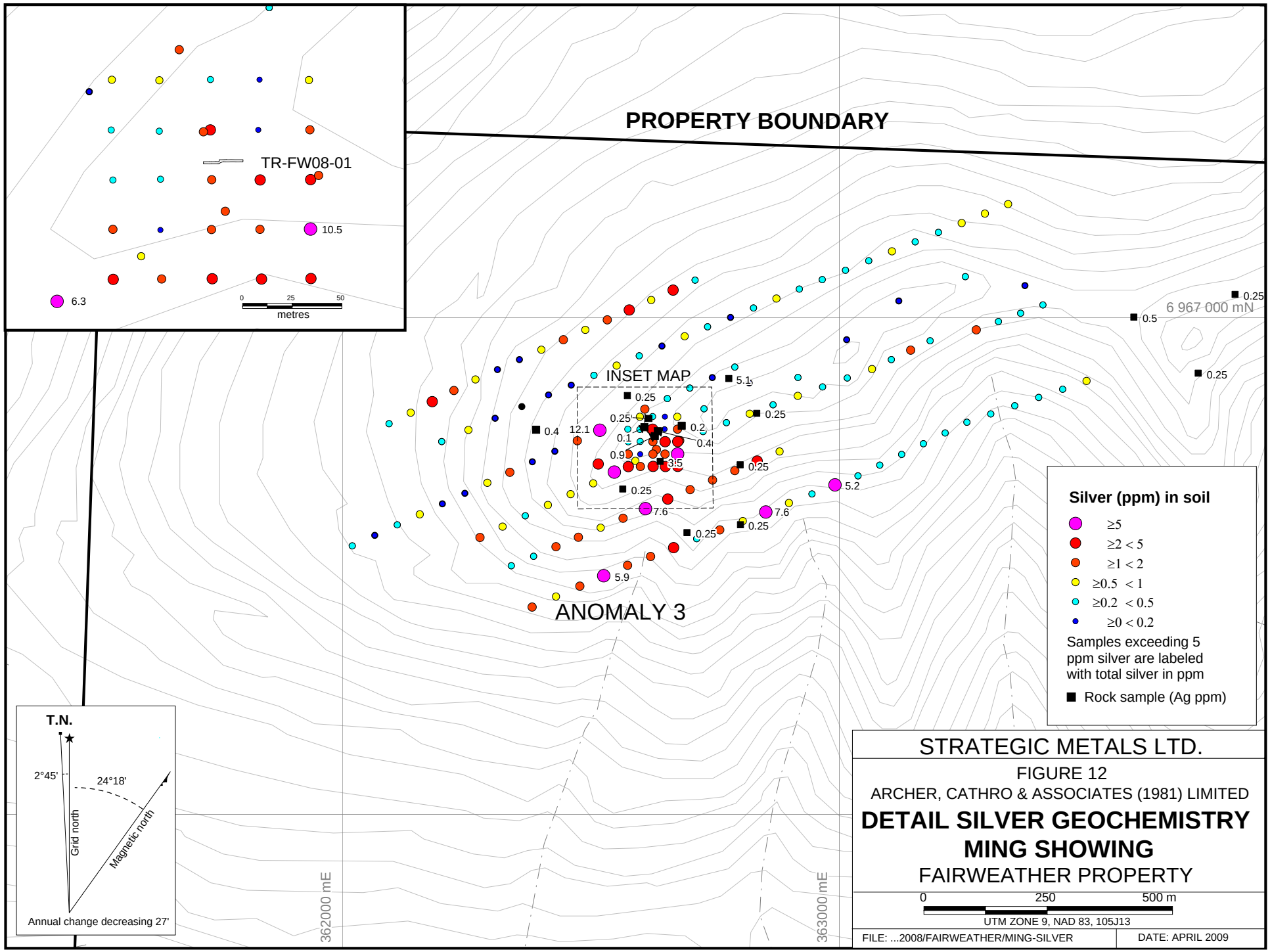
HAND TRENCHING

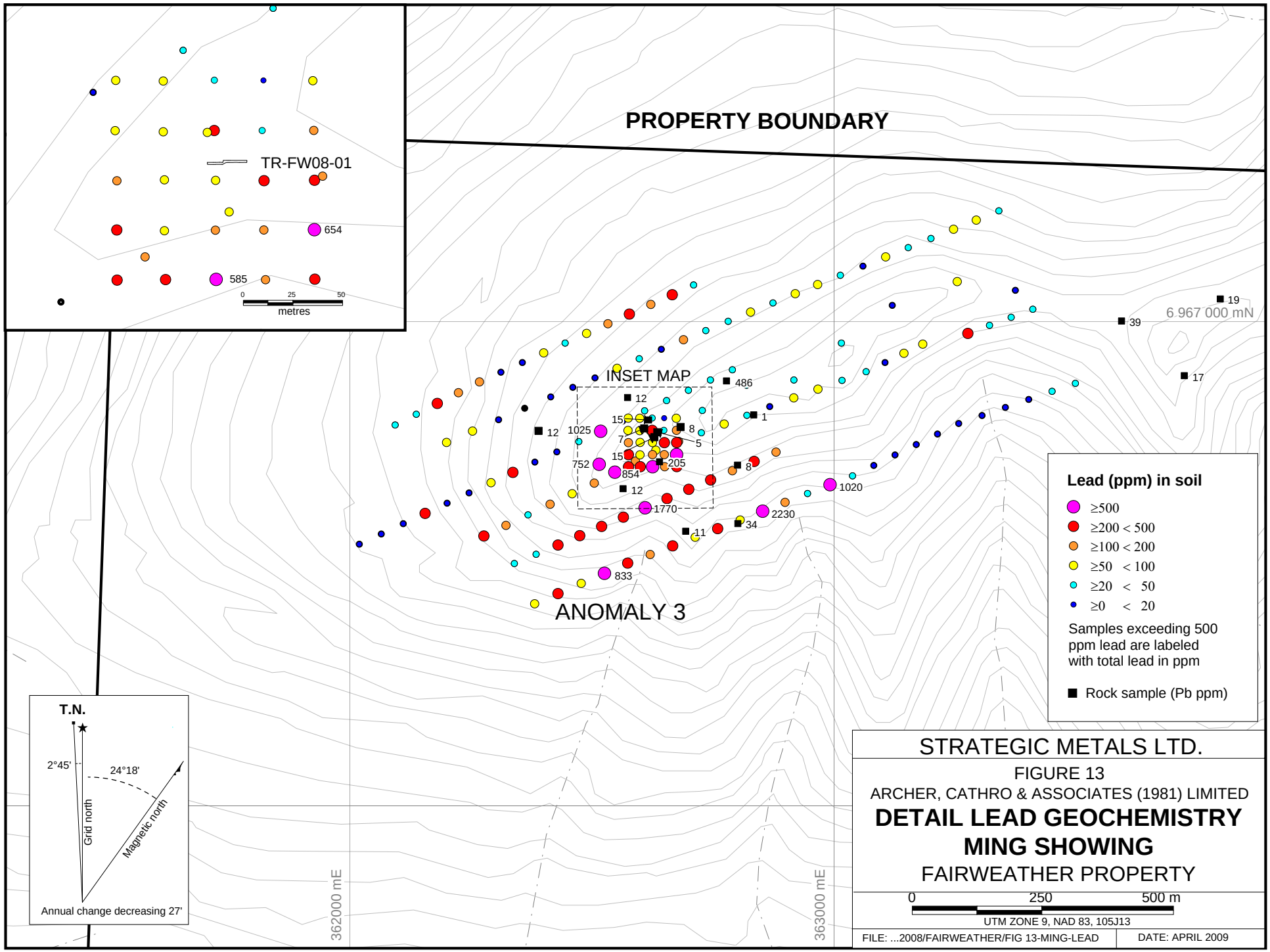
Grid soil sampling revealed a string of high gold-in-soil values (up to 9.06 g/t) along a linear depression, which is flanked by tremolite-actinolite-pyroxene skarn and massive sulphide mineralization (the Ming Showing). To better understand the type and extent of the mineralization, a 20 m long hand trench was dug across the depression (Figure 15). This trench exposed a 2.5 m wide band of massive pyrite and pyrrhotite that was flanked to the east by a 2 m wide clay altered zone and to the west by a 3.5 m wide zone of heavily fractured, limonite-stained cherty shale wallrock. The highest gold interval (3.5 g/t across 4 m) was returned from samples of the cherty shale. Chip samples taken along the length of the trench averaged 1.50 g/t gold across 18 m. Total thickness of the gold mineralized zone is unknown because the western end of the trench terminated within mineralization (1.8 g/t gold across 2 m).

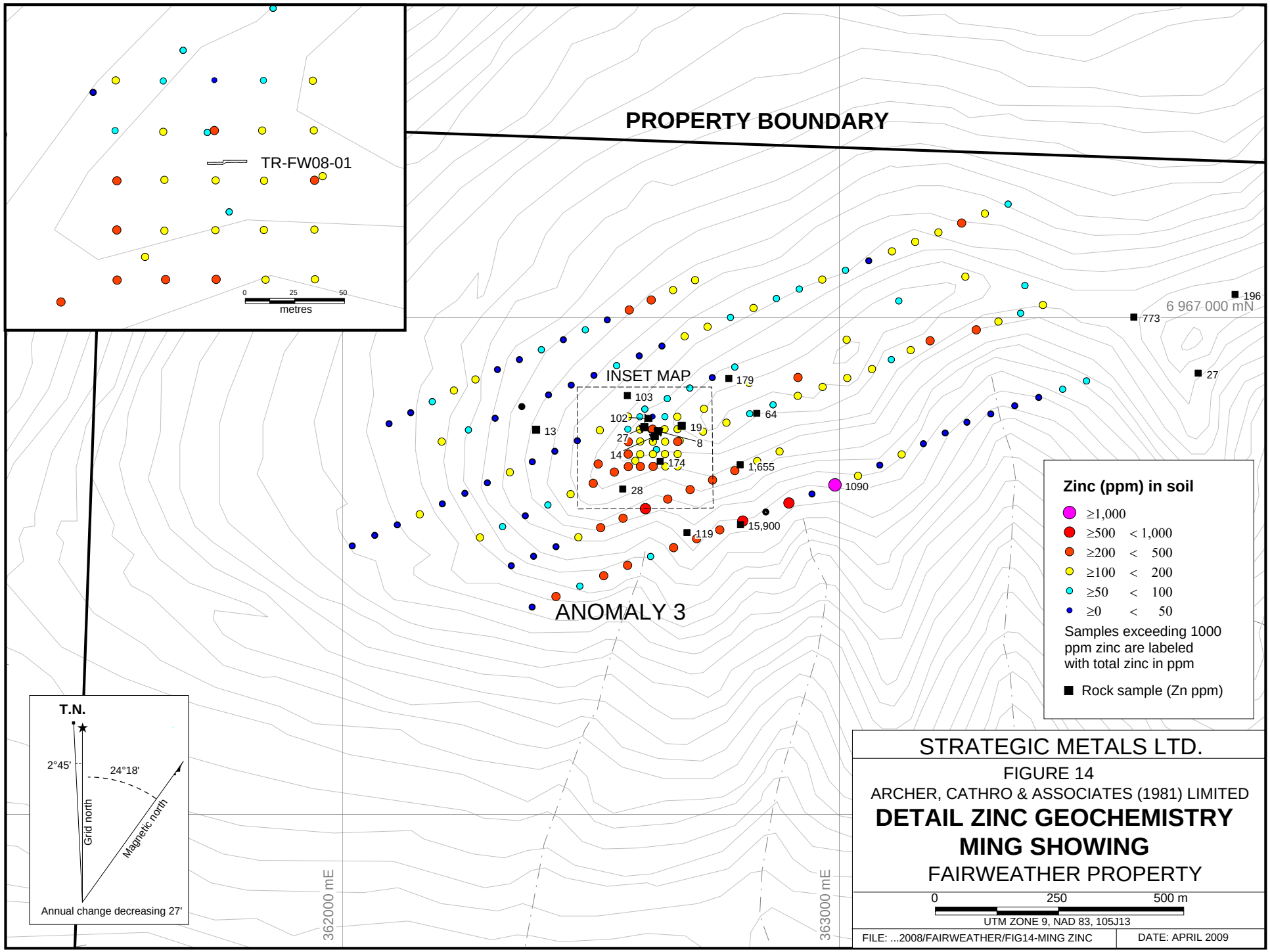

cc49821 cc49820 cc49811 cc49810 cc49801
cc49822 cc49819 cc49812 cc49809 cc49802
cc49823 cc49818 cc49813 cc49808 cc49803
cc49824 cc49817 cc49814 cc49807 cc49804
cc49825 cc49816 cc49815 cc49806 cc49805
0 25 50
metres
PROPERTY BOUNDARY
INSET MAP
6 967 000 mN
362000 mE
363000 mE
T.N.
2°45'
24°18'
Grid north
Magnetic north
Annual change decreasing 27'
STRATEGIC METALS LTD.
FIGURE 9
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
DETAIL SOIL SAMPLE LOCATIONS
MING SHOWING
FAIRWEATHER PROPERTY
0 250 500 m
UTM ZONE 9, NAD 83, 105J13
FILE: ...2008/FAIRWEATHER/DETAIL SAMPLE LOC
DATE: APRIL 2009


PROPERTY BOUNDARY
TR-FW08-01
0
25
50
metres
INSET MAP
6 967 000 mN
34
94
30
274
263
1,015
2
401
115
293
126
1,775
38
29
153
56
11
ANOMALY 3
Cu (ppm) in soil
≥2,000
≥1,000 < 2,000
≥500 < 1,000
≥200 < 500
≥100 < 200
≥0 < 100
Rock sample (Cu ppm)
T.N.
2°45'
24°18'
Grid north
Magnetic north
Annual change decreasing 27'
362000 mE
363000 mE
STRATEGIC METALS LTD.
FIGURE 10
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
DETAIL COPPER GEOCHEMISTRY
MING SHOWING
FAIRWEATHER PROPERTY
0
250
500 m
UTM ZONE 9, NAD 83, 105J13
FILE: ...2008/FAIRWEATHER/F10-MING_CU
DATE: APRIL 2009

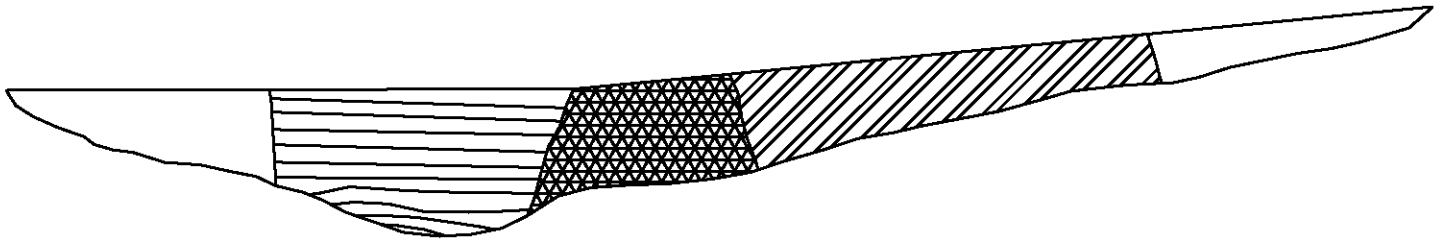

PROPERTY BOUNDARY
INSET MAP
TR-FW08-01
273
343
9,060
786
2,290
2,620
1,220
741
533
328
0
25
50
metres
ANOMALY 3
6 967 000 mN
362000 mE
363000 mE
T.N.
2°45'
24°18'
Grid north
Magnetic north
Annual change decreasing 27'
Au (ppb) in soil
≥200
≥100 <200
≥50 <100
≥20 <50
≥10 <20
≥0 <10
Samples exceeding 0.2 ppm gold are labeled with total gold in ppm on insert map.
Rock sample (Au ppb)
STRATEGIC METALS LTD.
FIGURE 11
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
DETAIL GOLD GEOCHEMISTRY
MING SHOWING
FAIRWEATHER PROPERTY
0
250
500 m
UTM ZONE 9, NAD 83, 105J13
FILE: ...2008/FAIRWEATHER/FIG11-MING-AU
DATE: APRIL 2009


PROPERTY BOUNDARY
TR-FW08-01
10.5
6.3
0
25
50
metres
INSET MAP
6 967 000 mN
0.25
0.5
0.25
5.1
0.25
0.25
0.4
12.1
0.2
0.1
0.4
0.9
3.5
0.25
0.25
5.2
7.6
7.6
0.25
0.25
5.9
ANOMALY 3
362000 mE
363000 mE
Silver (ppm) in soil
≥5
≥2 < 5
≥1 < 2
≥0.5 < 1
≥0.2 < 0.5
≥0 < 0.2
Samples exceeding 5 ppm silver are labeled with total silver in ppm
Rock sample (Ag ppm)
T.N.
2°45'
24°18'
Grid north
Magnetic north
Annual change decreasing 27'
STRATEGIC METALS LTD.
FIGURE 12
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
DETAIL SILVER GEOCHEMISTRY
MING SHOWING
FAIRWEATHER PROPERTY
0
250
500 m
UTM ZONE 9, NAD 83, 105J13
FILE: ...2008/FAIRWEATHER/MING-SILVER
DATE: APRIL 2009

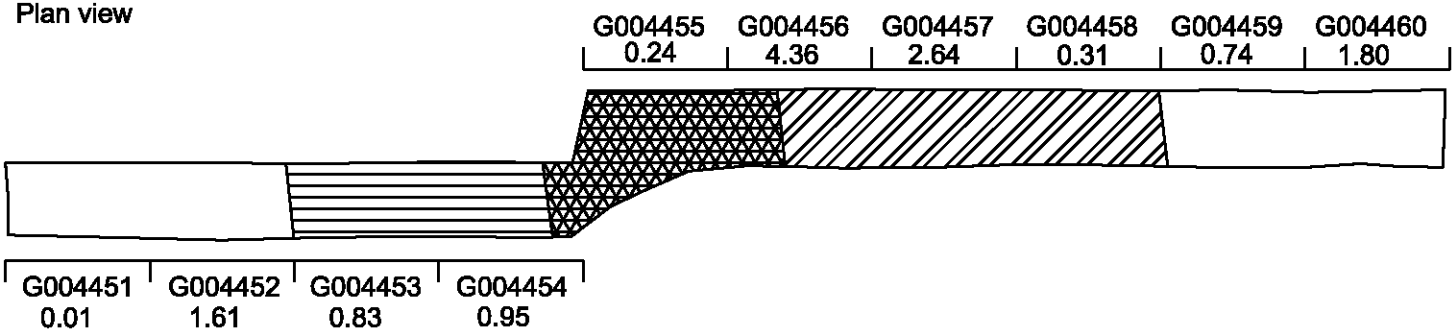

PROPERTY BOUNDARY
TR-FW08-01
654
585
0
25
50
metres
INSET MAP
ANOMALY 3
6 967 000 mN
362000 mE
363000 mE
12
15
1025
7
15
752
854
12
1770
833
12
486
1
8
5
205
8
1020
2230
34
11
19
39
17
Lead (ppm) in soil
≥500
≥200 < 500
≥100 < 200
≥50 < 100
≥20 < 50
≥0 < 20
Samples exceeding 500 ppm lead are labeled with total lead in ppm
Rock sample (Pb ppm)
T.N.
2°45'
24°18'
Grid north
Magnetic north
Annual change decreasing 27'
STRATEGIC METALS LTD.
FIGURE 13
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
DETAIL LEAD GEOCHEMISTRY
MING SHOWING
FAIRWEATHER PROPERTY
0
250
500 m
UTM ZONE 9, NAD 83, 105J13
FILE: ...2008/FAIRWEATHER/FIG 13-MING-LEAD
DATE: APRIL 2009

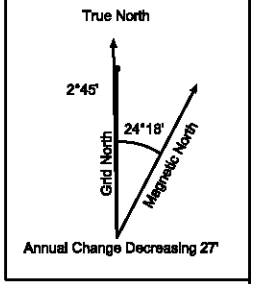

PROPERTY BOUNDARY
TR-FW08-01
0 25 50
metres
INSET MAP
ANOMALY 3
6 967 000 mN
362000 mE
363000 mE
103
102
27
14
13
19
8
64
179
174
1,655
28
1090
119
15,900
773
196
27
Zinc (ppm) in soil
≥1,000
≥500 < 1,000
≥200 < 500
≥100 < 200
≥50 < 100
≥0 < 50
Samples exceeding 1000 ppm zinc are labeled with total zinc in ppm
Rock sample (Zn ppm)
T.N.
2°45'
24°18'
Grid north
Magnetic north
Annual change decreasing 27'
STRATEGIC METALS LTD.
FIGURE 14
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
DETAIL ZINC GEOCHEMISTRY
MING SHOWING
FAIRWEATHER PROPERTY
0 250 500 m
UTM ZONE 9, NAD 83, 105J13
FILE: ...2008/FAIRWEATHER/FIG14-MING ZINC
DATE: APRIL 2009

Section view (looking north)



Plan view





Yellow, brown, orange and black gouge with pieces of weathered iron/manganese stained, fine grained forest green rock.

Massive pyrite and pyrrhotite. Contains orange, purple and brown oxidation products throughout obscurring sulphide textures and colours.

Host rock indeterminable due to high degree of hydrothermal alteration accompanied by extensive purple/brown limonite stain. Soft green mineral observed in abundance, likely a product of hydrothermal alteration.

Dark grey hornfels cherty shale with a slight green tinge. Occurs as subcrop or decomposed bedrock with pieces of rock within a brown soil.

G004455 0.24 Sample number and gold value in g/t

STRATEGIC METALS LTD.

FIGURE 15

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-FW08-01 TRENCH MAP

FAIRWEATHER PROPERTY

0 1 2 3 4 5 m

FILE: ...2008/FAIRWEATHER/FIGURES/FIG.11 TR... APRIL 2009

GEOPHYSICAL SURVEYS

On July 24 and 25, 2008, helicopter-borne magnetometer and VTEM surveys were flown over the south western corner of the Fairweather property, by Geotech Ltd. of Aurora, Ontario. The surveys were flown with an Astar 350 B3 helicopter operated by TRK Helicopters Ltd. from a temporary base at the Ross River airport. Appendix VI contains Geotech's report describing equipment used and survey methodology.

A total of 211.6 line-km were flown on north-south lines spaced 100 m apart. Average height above ground was 40 m for the VTEM bird and 62 m for the magnetic sensor. Survey results are presented in Figures 16 and 17.

Analysis of the magnetic data shows high magnetic activity around the rims of the intrusions, especially the Fairweather Stock. The intrusions themselves show up as pronounced magnetic lows. The magnetic highs are likely caused by pyrrhotite-rich hornfels zones within the Earn Group, but could also represent skarn zones. Narrower magnetic highs in the southern part of the block are interpreted as narrow magnetic dykes. Offsets in magnetic data also suggests the presence of northwesterly and northeasterly trending fault systems.

The VTEM survey shows the stock as an area of high resistivity and indicates the presence of a shallow (<100 m) conductive horizons in sediments to the north and south of the pluton. Combined magnetic and EM results suggest that bands of pyrrhotite-rich sulphide mineralization are present at depths of less than 100 m on the north side of the claims (Figure 14). Similar bands may also be present on the south side of the claims but at depths of 200 m or more.

Probably the most significant results from the 2008 surveys were obtained directly over and adjacent to the Ming Showing. This showing is marked by a point high on both B-field and dB/dt maps, which suggests the presence of a steeply to vertically dipping conductive body. These are very encouraging results given that the electromagnetic anomaly and accompanying weak magnetic high coincide with the known gold-bearing massive pyrrhotite body, indicating that the mineralized sulphide body likely extends to depth. A second anomaly was outlined in the vicinity of historical high lead and zinc silt geochemistry approximately one kilometre southwest of the Ming Showing. In this second area, both B-field and dB/dt show typical asymmetric double peaks, which are characteristic of a moderately dipping conductive body. This anomaly may represent a skarn deposit formed along bedding or some other types of strataform or stratabound mineralization.

No detailed geophysical has been conducted.

DIAMOND DRILLING

Drilling was conducted between July 13 and 26, 2008 by Beaudoin Diamond Drilling Ltd. of Courtenay, British Columbia. The work was completed with a JKS Super-300 diesel powered drill using BTW equipment. A total of 883.92 m of drilling was completed in three holes.

T.N.
2°27'
23°35'
Grid north
Magnetic north
Annual change decreasing 23'

362 000 mE
363 000 mE
364 000 mE
365 000 mE
366 000 mE
367 000 mE
6 973 000 mN
6 972 000 mN
6 971 000 mN
6 970 000 mN
6 969 000 mN
6 968 000 mN
6 967 000 mN

DMecp
DMebc
DMeca
DMels
DMpca
Kt
PCh
Property Outline
SHELDON THRUST FAULT
UNMAPPED

Limestone horizon (DMels)
Quartz diorite (Kt)
Skarn alteration
Quartz diorite dyke (Kt)
Extent of hornfelsing
Fault (normal, thrust)
Contact (approximate, assumed)
Bedding
Cleavage
Jointing

Mid-Cretaceous
Tombstone Suite
Kt: Medium to coarse grained quartz diorite

Devonian - Mississippian
Earn Group
DMecp: Chert pebble conglomerate, chert breccia
DMeca: Black chert, argillite and minor sandstone
DMebc: Grey banded chert
DMels: Limestone

Precambrian and Late Cambrian
Hyland Group
PCh: Medium grained quartzite and dark slate

Profiles scale 1 mm = 0.07(pV*ms)/(A*m^4)
(Linear between +/- 0.5 (pV*ms)/(A*m^4)
logarithmic above 0.5 (pV*ms)/(A*m^4)
0.234 ms (B-field)
0.339 ms (B-field)
0.484 ms (B-field)
0.682 ms (B-field)
0.974 ms (B-field)
1.370 ms (B-field)
1.953 ms (B-field)
2.745 ms (B-field)
3.911 ms (B-field)
5.495 ms (B-field)
7.828 ms (B-field)

58270
58145
58100
58069
58045
58028
58015
58004
57993
57982
57969
57956
57949
57940
57932
57920
57901
57881
57846
TMI (nT)

STRATEGIC METALS LTD.

FIGURE 16

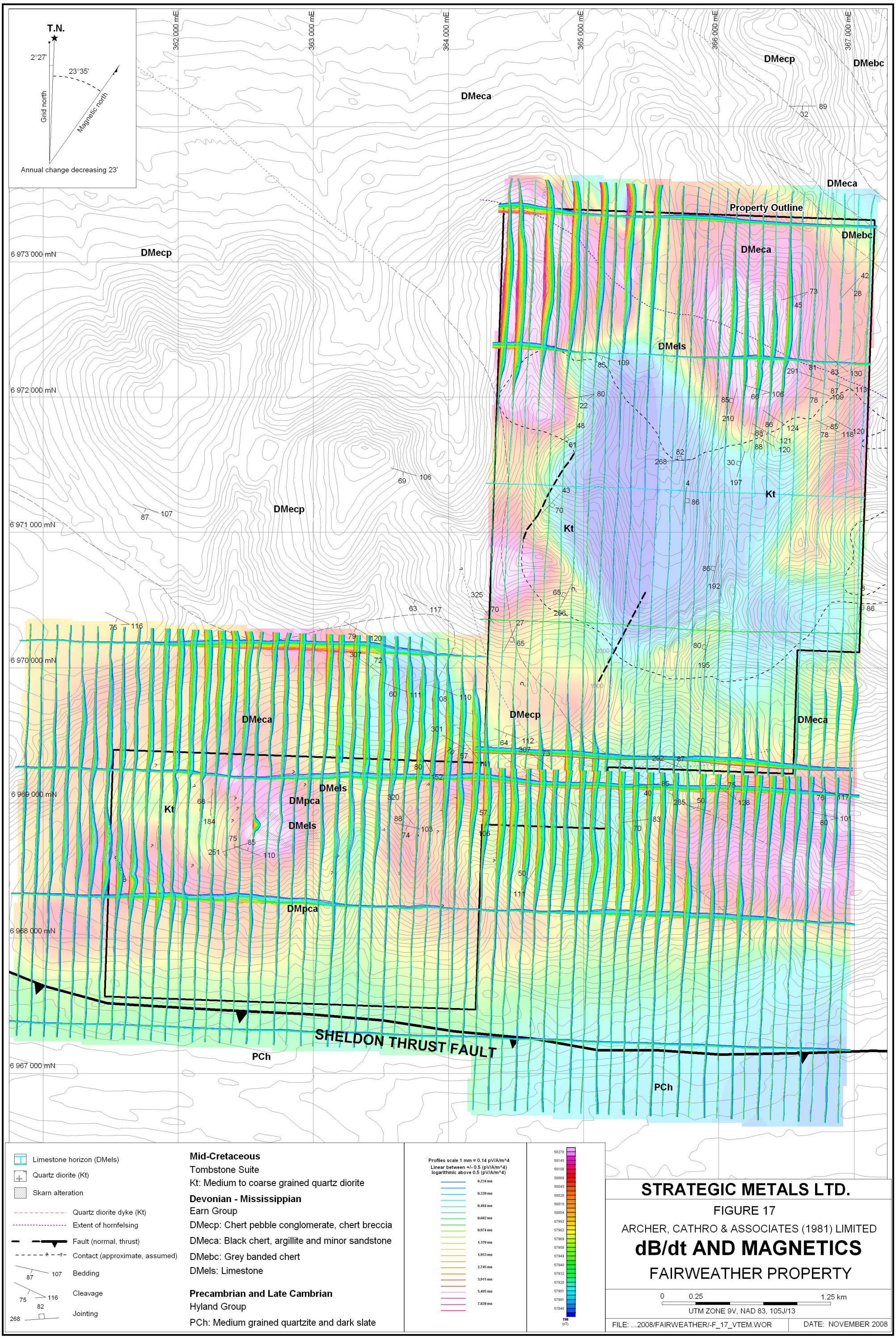
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

B-FIELD AND MAGNETICS

FAIRWEATHER PROPERTY

0 0.25 1.25 km
UTM ZONE 9V, NAD 83, 105J/13

FILE: ...2008/FAIRWEATHER/-F_16_VTEM.WOR
DATE: APRIL 2009


T.N.
2°27'
23°35'
Grid north
Magnetic north
Annual change decreasing 23'
362 000 mE
363 000 mE
364 000 mE
365 000 mE
366 000 mE
367 000 mE
6 973 000 mN
6 972 000 mN
6 971 000 mN
6 970 000 mN
6 969 000 mN
6 968 000 mN
6 967 000 mN
DMecp
DMebc
DMeca
DMels
DMpca
Kt
PCh
Property Outline
SHELDON THRUST FAULT
Limestone horizon (DMels)
Quartz diorite (Kt)
Skarn alteration
Quartz diorite dyke (Kt)
Extent of hornfelsing
Fault (normal, thrust)
Contact (approximate, assumed)
Bedding
Cleavage
Jointing
Mid-Cretaceous
Tombstone Suite
Kt: Medium to coarse grained quartz diorite
Devonian - Mississippian
Earn Group
DMecp: Chert pebble conglomerate, chert breccia
DMeca: Black chert, argillite and minor sandstone
DMebc: Grey banded chert
DMels: Limestone
Precambrian and Late Cambrian
Hyland Group
PCh: Medium grained quartzite and dark slate
Profiles scale 1 mm = 0.14 pV/A/m^4
Linear between +/- 0.5 (pV/A/m^4)
logarithmic above 0.5 (pV/A/m^4)
0.234 ms
0.339 ms
0.484 ms
0.682 ms
0.974 ms
1.370 ms
1.953 ms
2.745 ms
3.911 ms
5.495 ms
7.828 ms
58270
58145
58100
58069
58045
58028
58015
58004
57993
57982
57969
57958
57949
57940
57932
57920
57901
57881
57846
TMI (nT)
STRATEGIC METALS LTD.
FIGURE 17
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
dB/dt AND MAGNETICS
FAIRWEATHER PROPERTY
0 0.25 1.25 km
UTM ZONE 9V, NAD 83, 105J/13
FILE: ...2008/FAIRWEATHER/-F_17_VTEM.WOR
DATE: NOVEMBER 2008

The 2008 holes explored beneath copper soil and rock geochemical anomalies associated with disseminated and fracture-filling chalcopyrite and pyrrhotite mineralization within porphyritic quartz diorite of the Spearhead Mountain Stock. One 304.80 m hole tested Anomaly 1, while two holes totalling 579.12 m tested Anomaly 2 approximately 3 km to the northeast. Drill hole data for individual holes are listed in Table III.

Table III: Drill Hole Data

Hole	Easting	Northing	Elevation (m)	Azimuth (°)	Angle(°)	Depth (m)
FW08-01	365257	6970246	1773	117	-48	304.80
FW08-02	366606	6971582	1591	100	-45	332.23
FW08-03	366415	6971280	1695	100	-45	246.89

Core was transported from the drill sites to a logging area on the property, where recovery was measured and geological and geotechnical logging was performed. All the core was split; one half of each interval was bagged and sent for analysis while the other half was returned to the core box. The split core is stored on the property. Sample handling procedures and analytical techniques can be found in Appendix II while Certificates of Analysis are in Appendix III. Appendix VII contains the Geological and Geotechnical Drill Logs. Drill hole locations are shown on Figure 18.

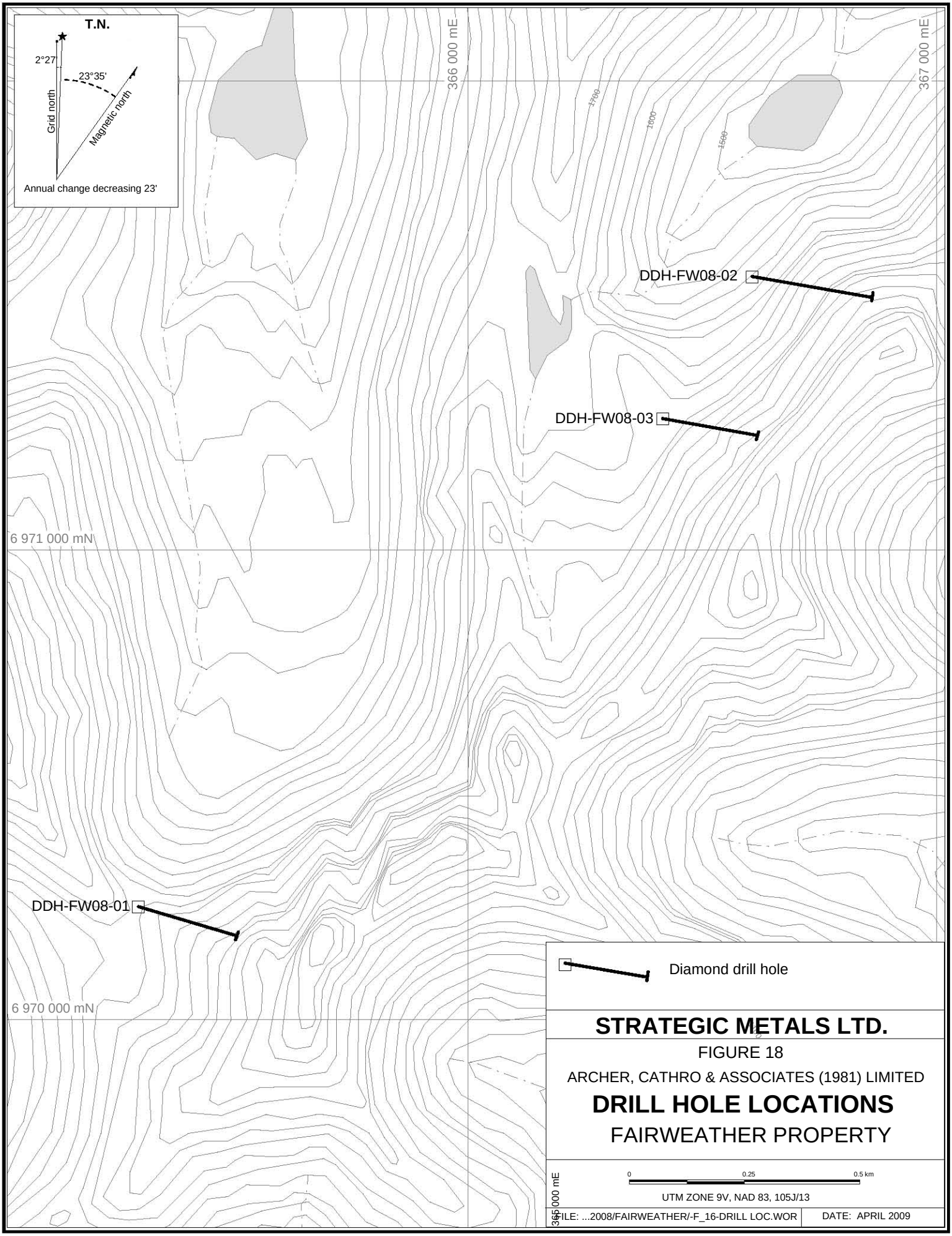
Results

The results of the diamond drilling were generally disappointing, especially for copper. The best interval came from DDH-FW08-01 which averaged 0.213 ppm gold but only 345 ppm copper over 50.01 m (Figure 19). The best single value came from a sample in DDH-FW08-02, which graded 1.085 ppm gold over three metres (Figure 20). Copper was only slightly elevated in all three holes, rarely exceeding 500 ppm.

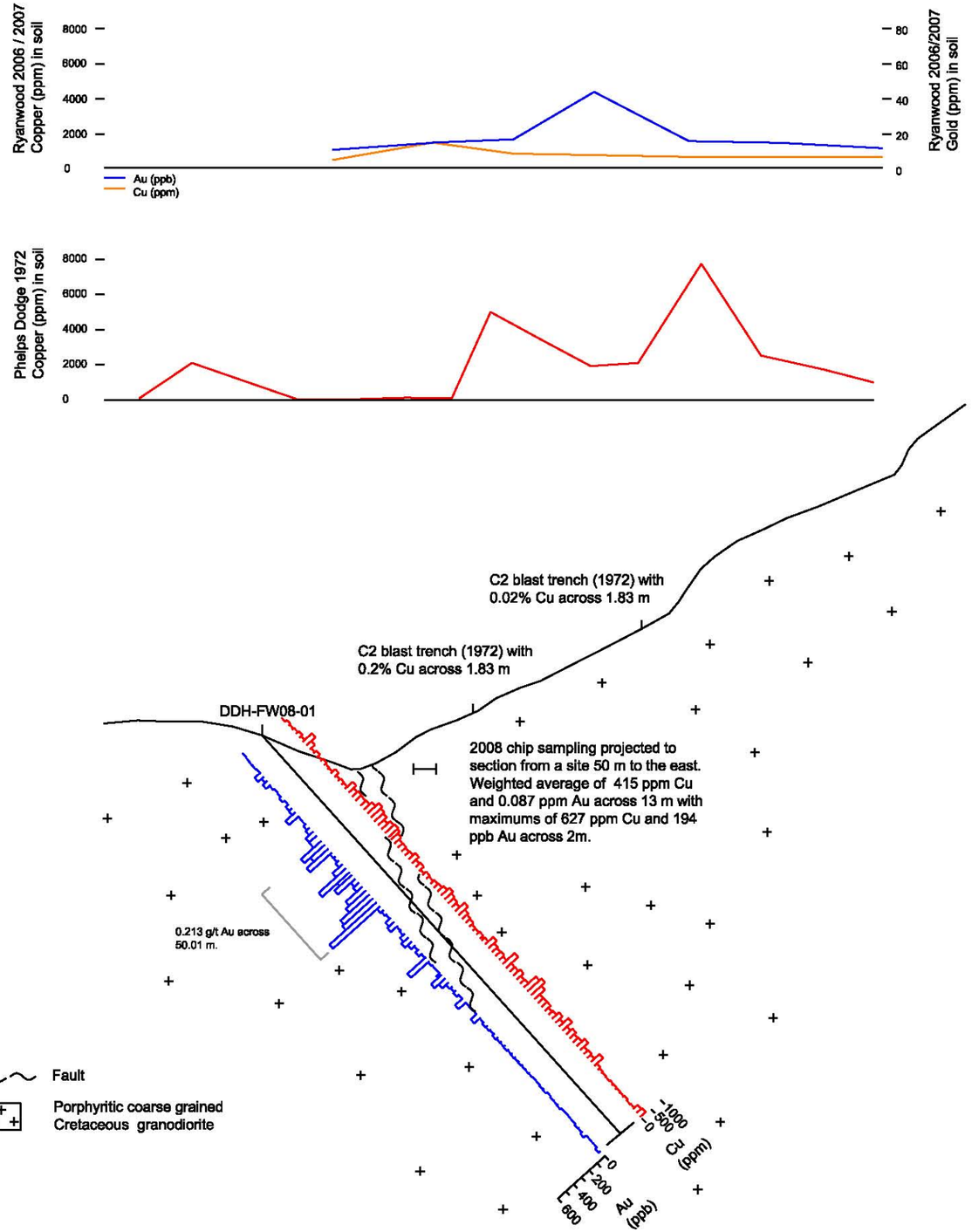
DDH-PW08-01 efficiently tested Anomaly 1, but several difficulties were encountered during drilling of DDH-FW08-02 and -03. Due to uncommonly cold spring and summer weather, snow pack lasted longer than usual. This coupled with the very steep terrain limited the areas that were suitable for construction of the drill sites. Thus, the drill holes had to be collared on sites that flank the anomaly. The holes were drilled perpendicular to the predominant fracture orientation, but they were too far along strike to have tested the best part of the anomaly. Furthermore, high cliffs in the area necessitated that the drill pads be positioned downhill from the soil anomaly, which may have caused them to pierce the zone at too great a depth.

DISCUSSION AND CONCLUSIONS

The Fairweather property hosts copper-gold porphyry, gold skarn, and gold vein targets, plus a number of unexplained soil geochemical anomalies. The 2008 exploration program focussed on testing the copper-gold potential of disseminated and fracture-filling mineralization within porphyritic quartz diorite of the Spearhead Mountain Stock. Although all three holes reported sub-economic concentrations of gold and copper, they may not have adequately tested the targets. Difficulties with weather, snow conditions and terrain resulted in drill holes at Anomaly


T.N.
2°27'
23°35'
Grid north
Magnetic north
Annual change decreasing 23'
366 000 mE
367 000 mE
1700
1600
1500
DDH-FW08-02
DDH-FW08-03
DDH-FW08-01
6 971 000 mN
6 970 000 mN
Diamond drill hole
STRATEGIC METALS LTD.
FIGURE 18
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
DRILL HOLE LOCATIONS
FAIRWEATHER PROPERTY
0
0.25
0.5 km
UTM ZONE 9V, NAD 83, 105J/13
FILE: ...2008/FAIRWEATHER/-F_16-DRILL LOC.WOR
DATE: APRIL 2009

SOIL SAMPLES ALONG SECTION LINE



PLAN VIEW MAP

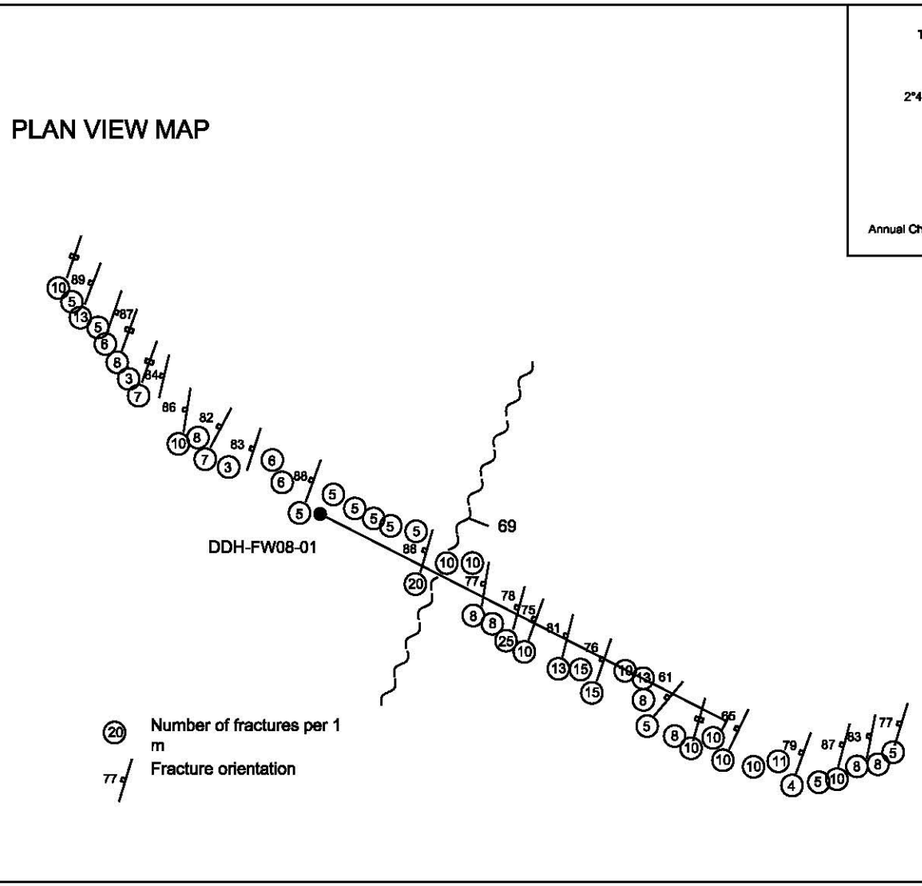


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FIGURE 19

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

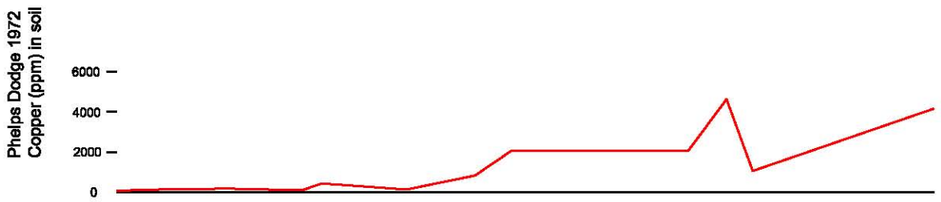
DDH-FW08-01 SECTION

FAIRWEATHER PROPERTY

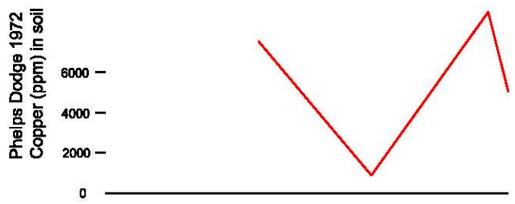
0 50 100 150 m

DRAWN / REVISED BY: D. GREGORY	PROJECT: FAIRWEATHER
FILE: P:\2008\Fairweather\Autocad\Fair_FW08-01_section	DATE: APRIL 2009

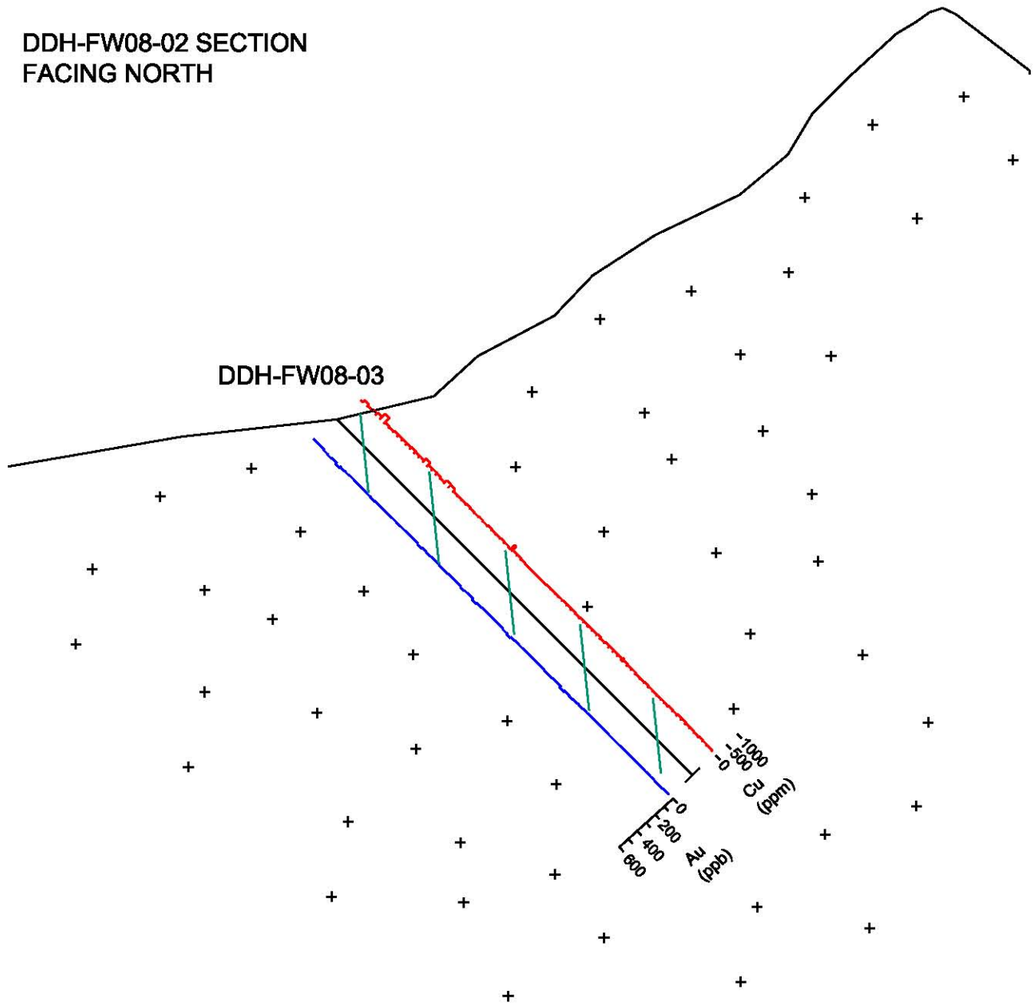
SOIL SAMPLES ALONG SECTION LINE



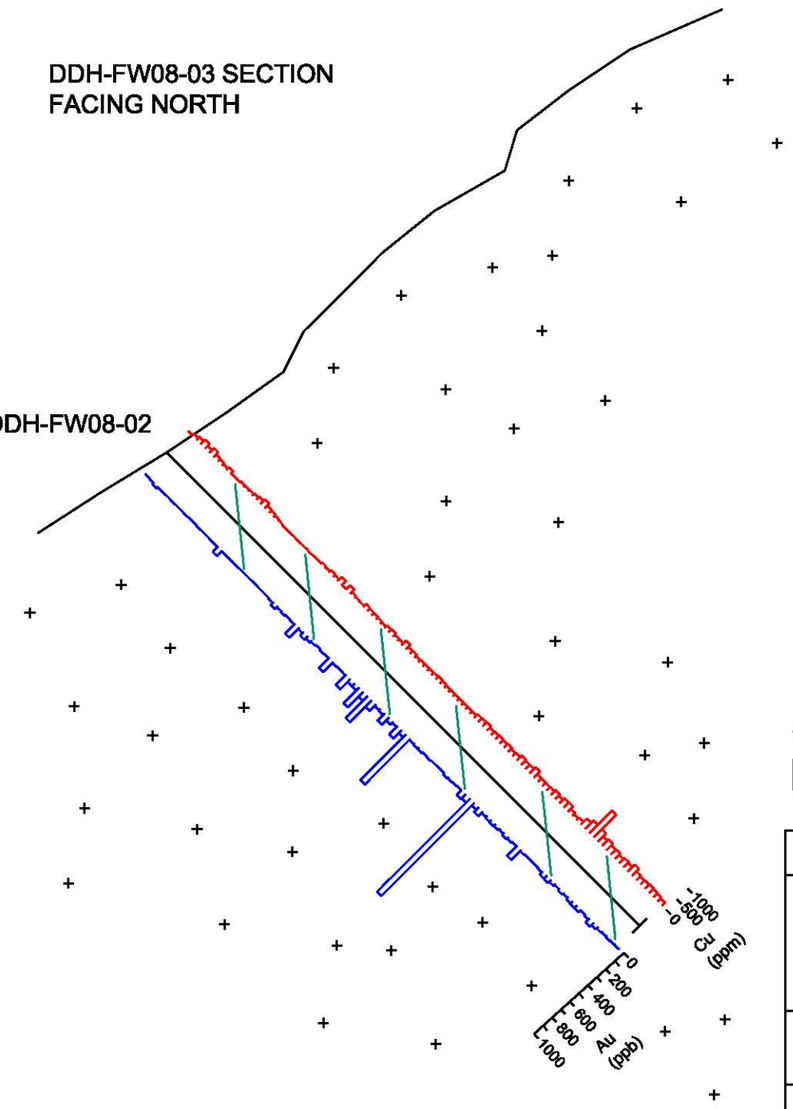
SOIL SAMPLES ALONG SECTION LINE



DDH-FW08-02 SECTION
FACING NORTH



DDH-FW08-03 SECTION
FACING NORTH



Prominent fracture orientation.

Porphyritic coarse grained
Cretaceous granodiorite

STRATEGIC METALS LTD.

FIGURE 20

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH-FW08-01 and DDH-FW08-02 SECTION

FAIRWEATHER PROPERTY

0 50 100 150 m

DRAWN / REVISED BY: D. GREGORY	PROJECT: FAIRWEATHER
FILE: P:\2008\Fairweather\Au\tocad\Fair_FW08-01_section	DATE: APRIL 2009

2 being collared in less than ideal locations. Future exploration programs should consider drilling holes from the top of the ridge westward beneath the apparent source of the anomalous soil samples. As a cautionary note, getting a water line to that site will be difficult.

Soil sampling identified very strong gold-in-soil values (up to 9.07 g/t) over a 75 m by 150 m area at the Ming Showing. Chip samples from a hand trench that was dug across the showing averaged 1.5 g/t gold over 18 m including a core which returned 3.5 g/t gold across 4 m. A strong, single line VTEM conductor was also obtained over the Ming Showing. Several additional hand trenches should be dug on both sides of the ridge to better define the grade and extent of this showing. Pending favourable results from the hand trenching program, diamond drilling should be performed to test the showing at depth.

Historical and 2008 silt and soil sampling in the vicinity of the Ming Showing have returned elevated lead and zinc values and coincident VTEM conductors. The area of high values is open to the south and the grid should be extended in that direction to better understand the lead-zinc anomaly and to search for other areas of high gold.

Prospecting at Anomaly 5 yielded one sample of quartz vein float that graded 6.9 g/t gold but unfortunately the concentration of quartz vein material at this location is too low to be of direct economic interest. Future work programs should include contour soil sampling and prospecting elsewhere within the sedimentary rocks adjacent to Spearhead Mountain and Wai Stocks to search for other, larger or higher grade skarn or quartz vein showings.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Dan Gregory, B.Sc. Geology, GIT

REFERENCES

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APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

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

1. I graduated from the University of British Columbia in 2007 with a B.Sc. (Hons.) in Geology.

2. From 2004 to present, I have been actively engaged in mineral exploration in the Yukon Territory.

3. I am a Geoscientist in Training (GIT) with the Association of Professional Engineers and Geoscientists of British Columbia (Member Number 153805).

4. I have personally participated in the fieldwork reported herein.

Daniel Gregory, B.Sc., GIT

APPENDIX II

SAMPLE HANDLING AND ANALYTICAL PROCEDURES

ASSAY METHODS FOR GEOCHEMICAL SAMPLING

In 1968 Atlas Exploration conducted minor soil and silt sampling in the area and analyzed the samples for lead, zinc and copper using atomic absorption.

In 1972 Phelps Dodge conducted contour soil sampling. All of the samples were analyzed for copper and select samples were run for molybdenum, both using atomic absorption (Hilker, 1972).

In 1998 Viceroy conducted soil and silt sampling in the area. The samples were analyzed for 32 elements using an ICP scan and for gold using fire assay with an atomic absorption finish (Diment, 1999).

In 2007, RyanWood Exploration took 624 soil samples at 50 m intervals on northwest trending lines spaced 100 m apart. All soil samples were sent to ALS Chemex where they were dried and sieved to -180 microns. A portion of the sample was then digested in aqua regia and analyzed for 34 elements by ME-MS41 and for gold using Au ICP21.

All 2008 soil samples were located by means of compass and hip-chain surveys with frequent checks using handheld GPS units. Sample sites are marked by aluminum tags inscribed with the sample numbers and affixed to 0.5 m wooden lath that were driven into the ground. Soil samples were collected from 10 to 30 cm deep holes dug by mattock. They were placed into individually pre-numbered Kraft paper bags.

The 2008 samples were sent to ALS Chemex in North Vancouver, British Columbia where they were dried, screened to -180 microns, dissolved in aqua regia solution and then analyzed for 34 elements using the inductively coupled plasma with atomic emission spectroscopy technique (ME-ICP41). An additional 30 g charge was further analysed for gold by fire assay with inductively coupled plasma-mass spectroscopy finish (Au-ICP21). Certificates of Analysis appear in Appendix III.

A total of 52 rock samples were taken in 2008, 10 of which were taken from hand trench TR-PW08-01. They were sent to ALS Chemex in North Vancouver, British Columbia where they were dried and fine crushed to better than 70% passing 2 mm. A 250 g split was then pulverized to better than 85% passing 75 micron. A portion of this material was digested in aqua regia and analysed for 35 elements by inductively coupled plasma-atomic emission spectroscopy (ME-ICP41). Another portion was used to produce a 30 g charge that was analyzed for gold by fire assay followed by inductively coupled plasma (Au-ICP21).

Core samples were flown from the property to the Twin Creeks Airstrip by helicopter and transported from there to Whitehorse by truck, escorted by a representative of Archer Cathro. The samples were then shipped by commercial carrier to ALS Chemex in North Vancouver, B.C. where they were dried and fine crushed to better than 70% passing 2 mm. A 250 g split was then pulverized to better than 85% passing 75 micron. A portion of this material was digested in a four-acid “near total” digestion and analysed for 33 elements by inductively coupled plasma-atomic emission spectroscopy (ME-ICP61). Another portion was used to produce a 30 g charge

that was analyzed for gold by fire assay followed by inductively coupled plasma finish (Au-ICP21).

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 Date: 30-JUL-2008
Account: MTT

CERTIFICATE VA08091378

Project: Fairweather

P.O. No.:

This report is for 17 Rock samples submitted to our lab in Vancouver, BC, Canada on 7-JUL-2008.

The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
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-ICP61	33 element four acid ICP-AES	ICP-AES
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Project: Fairweather

Finalized Date: 30-JUL-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08091378

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
C107401		0.90	0.077	8.5	7.10	40	880	1.9	27	1.76	0.5	7	19	2470	3.64	10
C107402		1.48	0.012	0.5	7.37	11	880	1.9	12	2.83	<0.5	14	20	226	3.81	20
C107403		0.84	0.027	4.6	7.20	143	1040	1.7	44	2.26	<0.5	10	16	1955	3.69	10
C107404		2.22	<0.001	<0.5	2.60	54	1560	0.9	3	0.11	<0.5	<1	56	49	1.63	10
C107405		0.20	6.90	7.4	0.12	123	30	<0.5	5370	0.03	<0.5	1	25	29	0.70	<10
C107406		1.56	0.023	0.6	7.54	12	1040	1.7	83	2.17	<0.5	7	19	178	3.93	20
C107407		2.44	0.021	<0.5	2.20	<5	330	0.5	41	0.22	<0.5	5	43	54	2.26	10
C107408		2.42	0.004	0.5	5.01	244	40	0.6	14	7.25	4.3	28	873	94	9.68	20
C107409		1.94	<0.001	<0.5	2.27	8	610	0.7	7	0.07	1.5	11	44	34	3.26	10
C107410		1.08	0.001	<0.5	4.25	<5	400	0.6	4	0.44	<0.5	2	43	30	3.26	10
C107411		1.06	<0.001	<0.5	5.54	<5	130	0.6	2	8.97	<0.5	35	40	2	6.91	20
C107412		2.30	0.035	5.1	2.25	102	130	0.5	29	2.99	<0.5	34	23	274	27.8	10
C107413		1.16	0.003	<0.5	8.25	8	710	1.5	4	5.32	<0.5	29	18	153	4.17	20
C107414		1.48	<0.001	<0.5	1.31	9	210	<0.5	5	0.05	0.5	13	34	56	1.91	<10
C107415		0.30	0.001	<0.5	1.30	11	120	0.5	3	17.55	111.5	14	15	11	9.22	<10
C107416		2.10	0.049	3.5	2.07	142	240	<0.5	21	1.40	<0.5	3	25	38	21.2	10
C107417		0.60	0.001	<0.5	6.77	8	980	0.9	3	0.35	2.7	16	52	29	4.65	20

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Fairweather

Finalized Date: 30-JUL-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08091378

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
C107401		3.06	30	0.98	399	<1	1.30	3	620	48	0.46	<5	11	230	20	0.34
C107402		2.69	20	1.10	426	<1	1.55	2	600	14	0.46	5	12	295	<20	0.37
C107403		3.33	20	1.03	332	<1	1.35	2	630	13	0.50	<5	11	292	20	0.37
C107404		1.19	10	0.44	70	1	0.09	7	280	4	0.10	<5	6	41	<20	0.14
C107405		0.06	<10	0.01	63	1	0.01	2	20	66	<0.01	63	<1	2	<20	0.01
C107406		2.58	20	1.07	343	<1	1.37	3	650	9	0.15	<5	12	282	<20	0.38
C107407		0.81	10	0.54	206	1	0.05	18	310	<2	0.10	<5	5	25	<20	0.13
C107408		0.10	30	4.42	2960	<1	0.29	170	2090	39	2.70	11	22	170	<20	1.53
C107409		0.49	10	0.82	1155	1	0.01	45	180	19	<0.01	<5	6	11	<20	0.12
C107410		1.23	10	0.50	257	<1	0.67	7	140	17	0.20	5	5	95	<20	0.21
C107411		0.27	<10	6.88	1400	<1	0.45	128	350	<2	<0.01	5	9	140	<20	0.24
C107412		0.43	30	0.95	1840	11	0.11	5	410	486	0.93	20	4	66	<20	0.18
C107413		1.09	20	2.04	279	<1	1.78	13	770	12	1.51	5	17	426	20	0.49
C107414		0.43	<10	0.06	2390	1	0.01	26	80	11	0.01	8	4	14	<20	0.06
C107415		0.03	10	0.29	8870	<1	0.01	35	460	34	0.14	37	10	54	<20	0.04
C107416		0.77	10	0.24	976	<1	0.03	<1	160	205	0.79	5	3	4	<20	0.06
C107417		2.76	30	0.89	1170	<1	0.38	29	210	8	0.29	<5	9	44	<20	0.32

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Project: Fairweather

CERTIFICATE OF ANALYSIS VA08091378

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Zn-OG62
	Analyte	Tl	U	V	W	Zn	Zn
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	10	10	1	10	2	0.01
C107401		<10	<10	75	10	121	
C107402		<10	<10	86	10	38	
C107403		<10	<10	82	<10	65	
C107404		<10	<10	110	<10	30	
C107405		<10	<10	3	160	3	
C107406		<10	<10	84	10	26	
C107407		<10	<10	59	<10	28	
C107408		10	<10	185	<10	773	
C107409		<10	<10	36	<10	196	
C107410		<10	<10	31	<10	27	
C107411		10	<10	51	<10	64	
C107412		10	<10	45	<10	179	
C107413		<10	<10	126	<10	28	
C107414		<10	<10	21	<10	119	
C107415		<10	<10	40	20	>10000	1.59
C107416		10	<10	21	<10	174	
C107417		<10	<10	56	<10	1655	

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Finalized Date: 1-AUG-2008
Account: MTT

CERTIFICATE VA08091379

Project: Fairweather

P.O. No.:

This report is for 83 Soil samples submitted to our lab in Vancouver, BC, Canada on 7-JUL-2008.

The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Fairweather

Finalized Date: 1-AUG-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08091379

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
CC41001		0.28	0.004	0.2	2.66	18	<10	350	1.5	<2	0.14	<0.5	17	64	70	4.63
CC41002		0.24	0.002	0.2	2.92	14	<10	320	2.3	<2	0.13	<0.5	34	47	46	4.30
CC41003		0.30	0.002	0.2	2.16	18	<10	260	2.7	<2	0.12	<0.5	28	32	89	4.56
CC41004		0.30	0.012	1.3	1.24	66	<10	220	1.0	<2	0.12	0.6	13	33	116	7.49
CC41005		0.26	0.004	0.5	1.41	26	<10	170	0.7	<2	0.07	1.6	11	24	27	2.77
CC41006		0.20	<0.001	0.4	1.25	12	<10	120	0.7	<2	0.04	0.6	9	22	30	3.06
CC41007		0.20	<0.001	0.4	0.54	14	<10	60	<0.5	<2	0.12	<0.5	3	18	12	1.54
CC41008		0.22	<0.001	0.3	0.59	2	<10	80	<0.5	<2	0.10	<0.5	4	9	9	1.24
CC41009		0.24	0.001	0.2	0.31	<2	<10	40	<0.5	<2	0.08	<0.5	1	7	2	0.65
CC41010		0.20	0.003	0.3	1.07	5	<10	100	0.5	<2	0.12	<0.5	5	10	36	1.53
CC41011		0.22	0.001	0.2	0.81	3	<10	80	<0.5	<2	0.04	<0.5	2	12	23	1.55
CC41012		0.22	<0.001	0.3	0.44	<2	<10	40	<0.5	<2	0.05	<0.5	2	8	8	0.86
CC41013		0.34	0.003	0.3	3.04	18	<10	480	2.4	<2	0.27	0.8	43	59	99	4.99
CC41014		0.22	0.001	0.2	0.64	4	<10	170	<0.5	<2	0.11	<0.5	5	18	14	1.81
CC41015		0.26	0.002	0.2	4.38	19	<10	1370	0.8	<2	1.04	<0.5	44	174	43	5.37
CC41016		0.26	0.002	5.2	5.10	9	<10	2360	0.7	<2	1.38	6.4	54	217	76	6.81
CC41017		0.18	0.002	0.2	0.55	<2	<10	70	<0.5	<2	0.05	0.5	6	9	3	0.84
CC41018		0.28	0.001	0.9	1.82	49	<10	190	1.1	<2	0.60	3.8	11	38	45	2.96
CC41019		0.38	0.004	7.6	2.02	24	<10	160	2.0	<2	0.24	100.5	31	33	116	6.42
CC41020		0.26	0.001	0.5	1.74	12	<10	140	0.9	<2	0.12	4.0	12	31	21	3.04
CC41021		0.24	0.009	1.8	0.74	65	<10	180	0.5	2	0.10	2.0	8	19	50	3.80
CC41022		0.34	0.004	0.3	1.81	20	<10	250	1.9	<2	0.04	1.0	77	18	227	6.02
CC41023		0.24	0.007	3.3	1.17	20	<10	90	0.6	2	0.06	1.2	10	14	83	3.42
CC41024		0.20	0.027	1.3	0.55	20	<10	60	<0.5	3	0.08	0.9	3	8	19	1.74
CC41025		0.32	0.018	1.6	2.46	78	<10	360	1.3	<2	0.08	1.1	12	48	125	7.15
CC41026		0.30	0.011	5.9	3.25	122	<10	460	1.5	2	0.17	1.5	24	56	245	7.25
CC41027		0.22	0.006	1.9	0.65	11	<10	50	<0.5	<2	0.09	1.8	4	5	12	0.89
CC41028		0.28	0.005	0.7	1.14	79	<10	300	0.5	3	0.09	6.0	15	23	42	3.38
CC41029		0.16	0.006	1.0	0.62	4	<10	70	<0.5	<2	0.11	<0.5	5	7	17	0.94
CC41030		0.28	0.018	2.4	2.27	390	<10	160	1.2	11	0.11	1.6	20	30	131	5.01
CC41031		0.34	9.06	1.5	1.22	13	<10	70	0.7	534	1.61	<0.5	14	12	380	35.8
CC41032		0.26	0.006	0.2	2.44	10	<10	100	0.6	<2	0.07	0.6	12	35	20	3.27
CC41033		0.26	0.001	<0.2	5.76	12	<10	1310	<0.5	<2	1.42	0.7	43	231	28	5.86
CC41034		0.26	0.017	0.4	5.62	9	<10	380	<0.5	<2	0.60	1.6	33	312	8	6.01
CC41035		0.30	0.005	<0.2	0.97	13	<10	220	0.5	<2	0.04	<0.5	9	21	86	5.71
CC41036		0.22	0.005	<0.2	0.65	13	<10	80	<0.5	<2	0.03	<0.5	7	16	35	2.19
CC41037		0.24	0.003	0.4	1.19	9	<10	160	0.7	5	0.03	0.5	11	22	69	5.89
CC41038		0.24	0.002	<0.2	1.85	17	<10	160	0.9	2	0.09	<0.5	12	35	46	3.40
CC41407		0.16	0.006	0.7	0.76	10	<10	150	<0.5	<2	0.08	0.8	5	18	36	2.18
CC41408		0.28	0.005	0.5	1.80	21	<10	260	0.9	2	0.03	0.6	18	38	75	5.16

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Project: Fairweather

CERTIFICATE OF ANALYSIS VA08091379

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC41001		10	1	0.51	20	0.89	814	5	0.02	44	930	31	0.24	7	3	35
CC41002		10	<1	0.35	20	0.76	752	1	0.01	59	440	20	0.07	8	3	76
CC41003		10	1	0.28	20	0.63	760	2	0.01	35	700	29	0.07	3	2	21
CC41004		10	1	0.22	40	0.26	738	22	0.01	33	1720	325	0.25	19	2	61
CC41005		10	<1	0.21	20	0.35	941	2	0.02	18	1260	36	0.17	6	1	22
CC41006		10	<1	0.13	20	0.26	515	2	0.02	16	1180	32	0.15	3	<1	14
CC41007		<10	1	0.10	10	0.12	238	1	0.03	11	560	14	0.12	3	<1	14
CC41008		<10	<1	0.07	10	0.11	243	1	0.02	7	450	6	0.05	<2	<1	12
CC41009		<10	<1	0.03	<10	0.04	96	1	0.03	4	520	<2	0.05	<2	<1	9
CC41010		<10	1	0.06	10	0.15	394	6	0.03	10	980	13	0.11	2	<1	30
CC41011		<10	1	0.10	10	0.09	84	2	0.02	6	700	7	0.14	2	<1	8
CC41012		<10	<1	0.04	<10	0.04	108	2	0.03	4	440	<2	0.06	<2	<1	9
CC41013		10	1	0.69	30	0.98	1790	12	0.02	74	1090	13	0.12	5	3	46
CC41014		<10	1	0.10	10	0.09	147	1	0.02	14	750	10	0.05	2	<1	32
CC41015		10	1	0.29	10	3.27	1415	2	0.03	138	590	29	0.07	3	6	733
CC41016		20	1	0.82	10	4.61	1245	<1	0.04	201	720	1020	0.06	6	11	157
CC41017		<10	1	0.03	<10	0.06	1185	<1	0.02	6	690	28	0.07	2	<1	8
CC41018		10	1	0.13	20	0.67	537	1	0.02	36	890	175	0.13	2	2	41
CC41019		10	1	0.25	30	0.49	3920	2	0.01	45	1090	2230	0.12	23	6	19
CC41020		10	1	0.13	10	0.44	852	1	0.02	18	620	94	0.07	6	1	11
CC41021		10	<1	0.11	10	0.10	1470	12	0.02	16	1540	247	0.23	39	<1	20
CC41022		10	2	0.14	10	0.36	5830	5	0.02	49	1320	86	0.15	33	3	12
CC41023		10	1	0.10	10	0.23	833	2	0.03	21	1030	315	0.12	19	<1	16
CC41024		<10	1	0.04	10	0.06	249	1	0.03	6	790	127	0.10	6	<1	9
CC41025		10	<1	0.25	20	0.65	738	23	0.03	20	2610	255	0.47	14	2	46
CC41026		10	1	0.74	20	1.37	1960	12	0.03	43	920	833	0.36	40	7	40
CC41027		<10	<1	0.03	<10	0.05	340	1	0.02	4	410	74	0.04	6	<1	10
CC41028		10	1	0.19	10	0.27	1215	3	0.02	20	910	330	0.10	15	1	18
CC41029		<10	<1	0.04	<10	0.09	164	1	0.03	9	650	62	0.06	<2	<1	14
CC41030		10	<1	0.07	20	0.49	608	3	0.01	35	510	752	0.08	17	3	29
CC41031		20	1	0.05	10	0.15	916	<1	0.01	4	1240	63	0.13	7	2	15
CC41032		10	1	0.12	20	0.67	697	1	0.01	28	390	37	0.05	3	2	17
CC41033		10	2	1.91	10	5.71	1050	<1	0.05	193	440	33	0.02	<2	6	120
CC41034		20	1	0.83	10	4.99	1015	1	0.04	240	360	25	0.04	6	7	61
CC41035		<10	<1	0.16	40	0.21	329	7	<0.01	26	1130	36	0.18	6	1	47
CC41036		10	1	0.05	10	0.06	126	6	<0.01	19	600	18	0.03	3	<1	12
CC41037		<10	1	0.12	30	0.23	604	2	<0.01	22	1020	82	0.11	11	2	18
CC41038		10	<1	0.20	10	0.39	378	2	0.01	28	550	19	0.11	7	2	24
CC41407		<10	1	0.07	10	0.20	372	1	0.01	17	960	23	0.09	3	1	20
CC41408		<10	<1	0.15	30	0.46	1770	3	<0.01	37	1200	89	0.13	7	2	30

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Project: Fairweather

CERTIFICATE OF ANALYSIS VA08091379

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC41001		<20	0.09	<10	<10	96	<10	109
CC41002		<20	0.04	<10	<10	40	<10	68
CC41003		<20	0.04	<10	<10	44	<10	109
CC41004		<20	0.01	<10	<10	62	<10	203
CC41005		<20	0.02	<10	<10	36	<10	85
CC41006		<20	0.02	<10	<10	38	<10	77
CC41007		<20	0.02	<10	<10	21	<10	41
CC41008		<20	0.02	<10	<10	17	<10	36
CC41009		<20	0.01	<10	<10	19	<10	13
CC41010		<20	0.02	<10	<10	43	<10	46
CC41011		<20	0.02	<10	<10	22	<10	16
CC41012		<20	0.02	<10	<10	19	<10	10
CC41013		<20	0.06	<10	<10	77	<10	149
CC41014		<20	0.01	<10	<10	30	<10	43
CC41015		<20	0.22	<10	<10	92	<10	113
CC41016		<20	0.39	<10	<10	125	<10	1090
CC41017		<20	0.02	<10	<10	13	<10	24
CC41018		<20	0.04	<10	<10	37	<10	545
CC41019		<20	0.05	<10	<10	40	<10	5650
CC41020		<20	0.04	<10	<10	37	<10	740
CC41021		<20	0.01	<10	<10	64	<10	274
CC41022		<20	0.04	<10	<10	37	<10	285
CC41023		<20	0.03	<10	<10	46	<10	220
CC41024		<20	0.02	<10	<10	26	<10	66
CC41025		<20	0.07	<10	10	161	<10	287
CC41026		<20	0.15	<10	<10	95	<10	323
CC41027		<20	0.03	<10	<10	17	<10	54
CC41028		<20	0.06	<10	<10	68	<10	233
CC41029		<20	0.02	<10	<10	17	<10	31
CC41030		<20	0.02	<10	<10	40	<10	489
CC41031		<20	0.03	<10	20	19	<10	90
CC41032		<20	0.05	<10	<10	47	<10	127
CC41033		<20	0.36	<10	<10	116	<10	111
CC41034		<20	0.30	<10	<10	123	<10	331
CC41035		<20	0.02	<10	<10	50	<10	128
CC41036		<20	0.02	<10	<10	92	<10	72
CC41037		<20	0.01	<10	<10	23	<10	136
CC41038		<20	0.05	<10	<10	55	<10	57
CC41407		<20	0.01	<10	<10	29	<10	79
CC41408		<20	0.02	<10	<10	48	<10	172

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Project: Fairweather

CERTIFICATE OF ANALYSIS VA08091379

Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Sample Description LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC41409	0.26	0.014	0.7	2.11	32	<10	430	1.3	<2	0.08	0.6	50	31	209	7.21
CC41410	0.28	0.007	0.3	1.38	17	<10	250	0.9	2	0.06	<0.5	14	24	64	4.15
CC41411	0.28	0.004	0.2	1.61	13	<10	190	1.0	<2	0.53	<0.5	15	22	48	3.57
CC41412	0.40	0.003	0.6	1.37	16	<10	230	0.8	<2	0.61	<0.5	14	18	85	3.02
CC41413	0.32	0.002	0.2	0.46	6	<10	70	<0.5	<2	0.14	<0.5	7	9	30	1.34
CC41414	0.28	0.003	0.2	0.66	6	<10	80	<0.5	<2	0.09	0.5	10	12	43	1.70
CC41415	0.32	0.007	0.4	1.62	55	<10	440	1.0	<2	0.21	0.7	18	28	143	4.36
CC41416	0.20	<0.001	0.3	1.08	12	<10	250	0.5	2	0.09	<0.5	6	16	47	2.77
CC41417	0.22	0.005	0.5	0.86	9	<10	180	0.5	<2	0.09	<0.5	6	20	82	1.73
CC41418	0.32	0.003	0.3	4.11	18	<10	680	1.1	<2	0.78	<0.5	33	247	62	6.04
CC41419	0.18	<0.001	<0.2	4.90	3	<10	490	0.5	2	1.05	<0.5	43	290	49	5.32
CC41420	0.26	0.005	0.4	5.57	19	<10	1210	0.7	2	1.38	<0.5	39	313	40	5.97
CC41421	0.32	0.007	0.6	3.15	30	<10	410	1.3	3	0.96	0.8	18	84	49	4.40
CC41422	0.24	<0.001	<0.2	0.44	3	<10	20	<0.5	<2	0.09	<0.5	1	3	5	0.44
CC41423	0.26	0.005	0.4	0.78	11	<10	80	<0.5	3	0.08	0.5	4	8	24	1.42
CC41424	0.32	0.008	0.8	1.40	60	<10	90	0.6	5	0.07	<0.5	5	17	47	2.64
CC41425	0.28	0.043	0.3	0.40	5	<10	40	<0.5	14	0.17	<0.5	2	6	17	1.20
CC41426	0.26	0.002	<0.2	0.37	<2	<10	20	<0.5	<2	0.05	<0.5	1	1	3	0.18
CC41427	0.24	0.002	<0.2	0.26	<2	<10	10	<0.5	<2	0.04	<0.5	1	2	4	0.39
CC41429	0.18	<0.001	<0.2	0.52	3	<10	20	<0.5	<2	0.05	<0.5	1	2	7	0.60
CC41430	0.24	0.011	0.6	1.28	87	<10	150	<0.5	4	0.18	<0.5	6	10	28	1.60
CC41431	0.24	0.195	0.4	2.07	92	<10	190	0.7	7	0.07	0.7	9	28	62	4.08
CC41432	0.24	0.004	1.0	1.17	132	<10	150	<0.5	8	0.17	0.7	7	25	64	3.81
CC41433	0.20	0.026	0.7	2.53	201	<10	340	1.2	12	0.17	0.8	28	32	130	3.95
CC41434	0.24	0.026	0.3	2.49	51	<10	250	0.7	3	0.06	<0.5	3	46	142	5.38
CC41435	0.26	0.010	0.5	1.72	46	<10	90	0.8	<2	0.07	0.6	9	29	143	3.15
CC41436	0.28	0.021	0.5	1.49	89	<10	200	0.7	4	0.21	1.0	9	26	49	3.30
CC41437	0.28	0.018	0.7	2.20	155	<10	200	1.0	6	0.25	1.4	26	29	79	4.68
CC41438	0.24	0.058	6.3	2.61	279	<10	90	0.9	31	0.11	1.0	9	30	145	6.55
CC41439	0.28	0.046	0.7	2.25	82	<10	140	1.1	13	0.33	1.1	16	35	88	4.77
CC41440	0.28	1.220	1.9	1.81	71	<10	130	1.0	221	0.80	<0.5	31	21	245	18.4
CC41441	0.24	0.035	1.6	1.82	133	<10	150	1.1	12	0.36	1.2	21	18	94	5.55
CC41442	0.26	0.009	0.4	3.69	50	<10	170	3.9	7	0.45	<0.5	70	37	198	7.85
CC41443	0.28	0.003	0.3	2.11	29	<10	170	1.5	2	0.09	0.5	18	34	48	4.01
CC41444	0.16	<0.001	0.8	2.25	18	<10	290	1.1	<2	0.44	0.7	16	81	32	3.89
CC41445	0.22	0.006	0.2	4.30	5	<10	510	<0.5	<2	1.49	<0.5	33	311	19	4.65
CC41446	0.26	0.017	0.6	4.46	25	<10	1730	<0.5	2	1.22	<0.5	49	236	89	5.21
CC41447	0.24	0.006	0.4	5.23	13	<10	1510	<0.5	<2	1.08	<0.5	52	328	53	5.55
CC41448	0.30	0.004	0.2	2.37	10	<10	590	1.2	<2	0.27	1.0	19	43	82	4.07
CC41449	0.20	0.003	0.7	0.93	14	<10	310	0.7	2	0.12	0.6	11	17	66	3.01

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Finalized Date: 1-AUG-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08091379

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC41409		<10	<1	0.21	30	0.44	5000	6	<0.01	68	2200	89	0.25	10	5	74
CC41410		10	1	0.17	30	0.34	943	2	<0.01	31	1050	41	0.19	4	2	35
CC41411		<10	<1	0.16	40	1.06	1015	2	<0.01	32	700	43	0.11	4	3	44
CC41412		<10	1	0.12	20	0.50	1350	4	0.02	32	1830	52	0.14	5	2	74
CC41413		<10	<1	0.05	10	0.15	643	1	0.02	13	830	16	0.06	<2	<1	21
CC41414		<10	<1	0.07	10	0.22	1035	2	0.01	19	900	37	0.06	2	1	24
CC41415		10	<1	0.24	30	0.60	1160	21	0.01	43	2480	88	0.36	5	1	123
CC41416		<10	1	0.13	20	0.25	313	4	0.01	18	1140	72	0.14	4	1	29
CC41417		<10	1	0.10	10	0.25	339	2	<0.01	23	1180	46	0.09	<2	<1	21
CC41418		10	1	0.74	10	3.34	1145	<1	0.03	196	550	61	0.05	2	7	57
CC41419		10	1	0.41	<10	5.42	917	<1	0.02	192	710	34	0.08	2	8	51
CC41420		10	1	1.24	<10	5.72	926	<1	0.03	220	430	37	0.03	2	11	74
CC41421		10	1	0.28	20	1.33	967	<1	0.04	71	560	121	0.06	10	5	100
CC41422		<10	1	0.02	<10	0.03	39	<1	0.02	2	390	5	0.03	<2	<1	10
CC41423		<10	<1	0.05	10	0.13	125	<1	0.01	8	610	32	0.08	<2	1	18
CC41424		<10	1	0.07	10	0.26	151	1	0.01	15	810	98	0.11	2	1	27
CC41425		<10	<1	0.03	<10	0.09	124	<1	0.02	4	350	13	0.04	<2	1	13
CC41426		<10	<1	0.02	<10	0.01	13	<1	0.03	1	220	5	0.02	<2	<1	8
CC41427		<10	<1	0.02	<10	0.02	20	<1	0.02	1	240	3	0.02	<2	<1	8
CC41429		<10	<1	0.02	<10	0.03	35	<1	0.03	2	380	6	0.04	<2	<1	9
CC41430		<10	1	0.07	10	0.24	307	1	0.02	11	630	89	0.04	4	1	33
CC41431		10	<1	0.16	10	0.50	517	5	0.01	19	760	88	0.14	6	3	30
CC41432		10	1	0.12	10	0.23	309	5	<0.01	19	720	226	0.12	35	1	33
CC41433		10	1	0.34	10	0.81	1055	6	0.01	31	870	115	0.23	2	3	44
CC41434		10	1	0.27	10	0.64	514	17	0.02	11	1700	48	0.38	<2	2	38
CC41435		10	<1	0.07	10	0.34	171	5	0.01	31	1060	102	0.15	4	1	27
CC41436		10	1	0.08	10	0.30	391	4	<0.01	25	910	74	0.10	7	1	40
CC41437		10	<1	0.11	10	0.52	1925	3	<0.01	33	1310	132	0.16	26	1	40
CC41438		10	<1	0.09	20	0.49	387	2	0.02	24	1080	854	0.20	50	3	27
CC41439		10	<1	0.17	20	0.67	446	1	<0.01	27	730	111	0.09	20	3	31
CC41440		10	<1	0.11	20	0.40	1175	1	0.01	21	1150	78	0.18	6	4	81
CC41441		<10	<1	0.10	20	0.35	775	1	0.03	24	1110	146	0.20	9	2	39
CC41442		10	1	0.20	30	1.05	1185	3	0.02	132	860	45	0.19	9	6	65
CC41443		<10	1	0.23	20	0.60	337	1	0.01	38	540	69	0.15	5	2	58
CC41444		10	<1	0.25	10	0.74	540	1	0.02	44	1190	29	0.15	2	2	164
CC41445		10	1	0.65	<10	5.30	682	<1	0.05	188	580	14	0.07	<2	7	38
CC41446		10	1	0.61	<10	3.86	1065	<1	0.13	206	700	57	0.09	3	7	91
CC41447		10	1	0.75	<10	6.12	1005	<1	0.10	279	710	52	0.06	4	6	50
CC41448		10	<1	0.41	20	1.14	1295	6	0.03	48	1120	27	0.14	<2	4	44
CC41449		<10	1	0.20	20	0.17	948	12	0.02	19	2070	36	0.30	4	1	42

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Project: Fairweather

Finalized Date: 1-AUG-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08091379

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC41409		<20	0.02	<10	<10	61	<10	230
CC41410		<20	0.01	<10	<10	28	<10	113
CC41411		<20	0.01	<10	<10	24	<10	116
CC41412		<20	0.02	<10	<10	46	<10	115
CC41413		<20	0.02	<10	<10	26	<10	47
CC41414		<20	0.02	<10	<10	27	<10	72
CC41415		<20	0.02	<10	<10	133	<10	178
CC41416		<20	0.02	<10	<10	33	<10	82
CC41417		<20	0.01	<10	<10	40	<10	67
CC41418		<20	0.18	<10	<10	93	<10	151
CC41419		<20	0.17	<10	<10	127	<10	97
CC41420		<20	0.26	<10	<10	134	<10	106
CC41421		<20	0.09	<10	<10	57	<10	151
CC41422		<20	0.02	<10	<10	10	<10	7
CC41423		<20	0.02	<10	<10	16	<10	27
CC41424		<20	0.02	<10	<10	25	<10	64
CC41425		<20	0.02	<10	<10	13	<10	22
CC41426		<20	0.01	<10	<10	3	<10	2
CC41427		<20	0.02	<10	<10	10	<10	5
CC41429		<20	0.03	<10	<10	15	<10	11
CC41430		<20	0.04	<10	<10	29	<10	82
CC41431		<20	0.09	<10	<10	92	<10	126
CC41432		<20	0.11	<10	<10	85	<10	117
CC41433		<20	0.10	<10	<10	67	<10	92
CC41434		<20	0.06	<10	10	141	<10	29
CC41435		<20	0.03	<10	<10	82	<10	69
CC41436		<20	0.02	<10	<10	50	<10	133
CC41437		<20	0.04	<10	<10	49	<10	253
CC41438		<20	0.03	<10	<10	43	<10	321
CC41439		<20	0.02	<10	<10	38	<10	169
CC41440		<20	0.03	<10	<10	33	<10	93
CC41441		<20	0.03	<10	<10	36	<10	144
CC41442		<20	0.04	<10	<10	42	<10	130
CC41443		<20	0.05	<10	<10	45	<10	135
CC41444		<20	0.07	<10	<10	61	<10	79
CC41445		<20	0.28	<10	<10	125	<10	79
CC41446		<20	0.32	<10	<10	99	<10	135
CC41447		<20	0.28	<10	<10	122	<10	136
CC41448		<20	0.12	<10	<10	83	<10	156
CC41449		<20	0.01	<10	<10	50	<10	102

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Project: Fairweather

Finalized Date: 1-AUG-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08091379

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
CC41450		0.18	<0.001	0.3	0.31	8	<10	80	<0.5	<2	0.15	0.5	3	7	19	1.02
CC41451		0.22	0.005	1.0	0.61	29	<10	330	0.5	2	0.27	1.2	29	12	45	2.40
CC41452		0.40	0.007	0.3	2.69	50	<10	320	1.8	2	0.10	2.8	102	33	218	6.70

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Account: MTT

CERTIFICATE OF ANALYSIS VA08091379

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
CC41450		<10	<1	0.06	10	0.04	97	4	0.01	10	1690	11	0.14	<2	<1	16
CC41451		<10	<1	0.15	10	0.12	6520	10	0.02	15	2970	70	0.27	4	<1	45
CC41452		10	1	0.22	50	0.66	6650	6	0.02	123	1990	61	0.18	13	4	46

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Project: Fairweather

Finalized Date: 1-AUG-2008
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CERTIFICATE OF ANALYSIS VA08091379

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC41450		<20	<0.01	<10	<10	24	<10	63
CC41451		<20	<0.01	<10	<10	66	<10	110
CC41452		<20	0.02	<10	<10	78	<10	386

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Finalized Date: 26-AUG-2008
Account: MTT

CERTIFICATE VA08103554

Project: Fairweather

P.O. No.:

This report is for 20 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 29-JUL-2008.

The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Fairweather

CERTIFICATE OF ANALYSIS VA08103554

Sample Description	Method	WEI-21	Au-ICP21	Au-ICP21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01
H237601		4.12	0.005		<0.5	6.79	9	1010	1.7	18	2.92	<0.5	10	21	89	3.46
H237602		4.78	0.010		<0.5	7.03	16	950	1.7	9	2.94	<0.5	10	17	59	3.48
H237603		3.26	0.012		<0.5	6.72	38	930	1.7	17	3.42	<0.5	9	16	89	3.28
H237604		4.88	0.003		<0.5	7.17	142	990	1.7	3	3.05	<0.5	11	20	143	3.57
H237605		5.14	0.068		<0.5	6.50	545	890	1.6	20	2.75	<0.5	15	19	82	3.15
H237606		5.34	0.027		1.0	7.08	25	980	1.7	11	3.14	<0.5	11	18	461	3.50
H237607		5.26	0.057		<0.5	6.72	43	960	1.6	13	2.95	<0.5	9	16	245	3.38
H237608		4.98	0.014		<0.5	6.97	17	910	1.8	20	2.95	<0.5	10	16	57	3.43
H237609		4.84	0.001		<0.5	7.05	26	920	1.7	6	3.02	<0.5	10	16	144	3.45
H237610		5.62	0.007		<0.5	6.88	<5	940	1.8	8	3.18	<0.5	11	17	55	3.61
H237611		5.04	0.026		0.6	6.89	<5	910	1.9	9	2.97	<0.5	10	19	127	3.37
H237612		5.38	0.003		0.5	6.83	10	930	1.7	5	2.96	<0.5	10	16	72	3.43
H237613		2.90	0.034	0.063	<0.5	6.71	19	870	1.5	30	4.99	<0.5	9	12	65	2.90
H237614		2.80	0.040		<0.5	6.44	17	850	1.4	18	5.79	<0.5	9	12	212	2.97
H237615		3.24	0.125		<0.5	6.74	74	860	1.5	54	3.79	<0.5	9	12	86	2.89
H237616		3.80	0.007		0.5	7.04	140	880	1.6	9	3.94	<0.5	10	13	125	3.19
H237617		1.84	0.009		<0.5	7.02	186	780	1.7	9	3.82	<0.5	9	12	101	3.03
H237618		1.78	0.033		1.1	6.88	20	830	2.1	21	2.47	<0.5	11	14	384	3.15
H237619		3.58	0.048		0.6	6.77	21	840	2.0	16	2.14	<0.5	10	12	252	3.31
H237620		5.12	0.093		1.1	6.86	22	850	1.9	20	2.17	<0.5	10	16	300	3.17

Comments: Additional Au results for sample H237615 is 0.274 ppm

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Project: Fairweather

Finalized Date: 26-AUG-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08103554

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
H237601		10	2.64	20	1.02	547	<1	1.45	4	600	17	0.14	5	11	298	<20
H237602		10	2.58	20	1.03	578	1	1.48	2	610	15	0.11	<5	11	302	20
H237603		10	2.58	20	1.00	519	<1	1.30	1	590	12	0.14	<5	11	260	<20
H237604		10	2.82	30	1.09	573	1	1.46	2	610	15	0.16	5	11	291	20
H237605		20	2.84	20	0.94	481	1	1.31	1	560	11	0.19	6	10	253	<20
H237606		10	2.80	20	1.05	546	1	1.42	2	620	14	0.21	7	11	287	<20
H237607		10	2.64	30	1.09	526	2	1.30	3	580	14	0.22	5	11	275	<20
H237608		10	2.61	20	1.04	555	1	1.51	2	590	16	0.13	<5	11	305	<20
H237609		10	2.68	20	1.06	585	<1	1.46	2	600	15	0.15	<5	11	293	<20
H237610		10	2.69	20	1.07	597	<1	1.52	2	640	17	0.21	<5	11	321	<20
H237611		10	2.69	20	1.06	590	1	1.41	2	580	17	0.14	5	11	275	<20
H237612		20	2.46	20	1.14	609	<1	1.25	<1	590	13	0.13	<5	11	253	20
H237613		10	2.34	30	1.33	650	<1	0.38	1	520	13	0.18	<5	10	143	<20
H237614		10	2.37	30	1.43	676	1	0.16	2	540	12	0.30	<5	10	99	<20
H237615		10	2.47	30	1.38	509	<1	0.42	1	540	13	0.13	<5	10	140	<20
H237616		10	2.46	30	1.26	549	<1	0.69	2	590	12	0.15	6	11	412	20
H237617		10	2.57	30	1.24	454	<1	0.38	1	550	12	0.24	<5	10	146	20
H237618		10	2.98	30	1.23	328	1	0.64	3	590	14	0.41	<5	10	191	20
H237619		10	3.13	30	1.15	354	<1	0.68	2	620	21	0.49	<5	11	333	20
H237620		10	3.21	30	1.11	276	1	0.73	4	640	62	0.49	6	10	198	<20

Comments: Additional Au results for sample H237615 is 0.274 ppm

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Project: Fairweather

Finalized Date: 26-AUG-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08103554

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H237601		0.37	<10	<10	84	10	53
H237602		0.37	<10	10	81	<10	53
H237603		0.36	<10	<10	78	10	46
H237604		0.38	<10	<10	84	<10	50
H237605		0.33	<10	<10	76	<10	40
H237606		0.37	<10	10	84	10	50
H237607		0.36	<10	<10	79	<10	45
H237608		0.36	<10	<10	78	10	48
H237609		0.36	<10	<10	81	<10	52
H237610		0.38	<10	<10	85	<10	51
H237611		0.36	<10	<10	80	<10	52
H237612		0.37	<10	<10	81	<10	41
H237613		0.31	<10	<10	69	<10	45
H237614		0.32	<10	<10	68	<10	40
H237615		0.32	<10	<10	69	<10	39
H237616		0.35	<10	<10	74	<10	46
H237617		0.31	<10	<10	67	<10	40
H237618		0.33	<10	<10	69	<10	38
H237619		0.33	<10	<10	71	<10	43
H237620		0.34	<10	<10	72	<10	67

Comments: Additional Au results for sample H237615 is 0.274 ppm

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Finalized Date: 22-AUG-2008
Account: MTT

CERTIFICATE VA08103553

Project: Fairweather

P.O. No.:

This report is for 18 Rock samples submitted to our lab in Vancouver, BC, Canada on 29-JUL-2008.

The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
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-ICP61	33 element four acid ICP-AES	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: **STRATEGIC METALS LTD.**
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:

Colin Ramshaw, Vancouver Laboratory Manager

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

Project: Fairweather

Finalized Date: 22-AUG-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08103553

Method	WEI-21	Au-ICP21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Sample Description Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR	0.02	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
B374555	3.46	0.004	<0.5	1.49	<5	20	0.6	15	7.84	<0.5	215	20	1015	29.4	10
B374556	0.90	0.006	<0.5	1.48	<5	30	0.8	14	8.53	<0.5	13	13	263	24.2	10
B374557	1.42	0.016	1.1	6.50	57	950	1.9	22	2.23	<0.5	8	14	378	3.14	20
B374558	2.38	0.017	2.0	7.13	50	960	1.7	53	2.62	<0.5	9	17	1010	3.87	20
B374559	1.50	<0.001	<0.5	0.10	8	40	<0.5	<2	0.02	<0.5	1	16	14	0.30	<10
B374560	1.00	0.029	<0.5	4.26	<5	950	1.2	<2	6.52	<0.5	6	48	26	2.95	<10
B374561	1.24	0.008	<0.5	6.37	12	1680	1.8	<2	5.27	<0.5	7	69	30	3.06	10
B374562	0.70	<0.001	<0.5	3.69	<5	510	1.5	<2	1.24	<0.5	1	26	4	0.19	10
B374563	1.16	0.001	0.6	7.08	33	1430	2.3	<2	3.28	<0.5	7	14	96	2.81	20
B374564	1.54	0.014	1.6	1.02	125	1070	0.5	2	0.22	<0.5	<1	75	49	2.59	10
B374565	1.32	0.001	<0.5	0.07	<5	3070	<0.5	<2	34.6	<0.5	2	1	1	0.09	<10
B374566	1.16	<0.001	<0.5	0.58	<5	520	<0.5	<2	0.11	<0.5	<1	23	2	0.31	<10
H237501	0.90	0.100	1.7	7.19	374	900	2.1	32	2.08	<0.5	8	13	627	3.48	20
H237502	1.02	0.065	1.2	7.15	66	940	2.2	52	2.19	<0.5	14	19	588	3.95	20
H237503	0.50	0.038	0.7	7.20	71	930	2.1	30	2.09	<0.5	12	13	399	3.88	10
H237504	0.68	0.093	0.7	7.06	42	990	2.2	30	2.24	<0.5	9	17	165	3.75	20
H237505	1.08	0.194	0.9	7.30	57	940	2.1	37	1.98	<0.5	11	14	222	3.88	20
H237506	0.78	0.050	1.2	7.12	38	1040	1.8	28	2.35	<0.5	9	17	462	4.04	10

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

Project: Fairweather

Finalized Date: 22-AUG-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08103553

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
B374555		0.11	40	1.40	3510	<1	0.07	38	480	15	>10.0	<5	5	15	<20	0.10
B374556		0.11	480	1.23	4260	<1	0.07	3	610	12	1.24	<5	3	32	<20	0.11
B374557		3.23	20	0.90	266	<1	1.28	4	620	21	0.38	<5	9	255	<20	0.32
B374558		2.97	30	1.17	310	<1	1.35	3	650	12	0.53	<5	12	278	<20	0.38
B374559		0.03	<10	0.01	15	232	0.01	1	10	<2	0.03	<5	<1	2	<20	0.01
B374560		0.94	20	1.73	490	4	0.30	22	2850	8	0.65	<5	6	180	<20	0.31
B374561		1.74	40	1.54	273	3	0.67	25	2560	4	1.05	<5	11	207	<20	0.41
B374562		0.36	<10	0.09	43	3	1.40	5	70	6	0.01	<5	1	275	<20	0.10
B374563		2.14	20	0.85	116	<1	1.51	3	500	8	1.00	<5	11	288	<20	0.20
B374564		0.29	10	0.45	79	4	0.03	<1	190	2	0.11	<5	4	26	<20	0.07
B374565		0.01	<10	0.23	499	<1	0.01	8	380	<2	<0.01	<5	<1	516	<20	<0.01
B374566		0.24	<10	0.03	12	<1	0.01	1	50	<2	0.02	<5	1	10	<20	0.02
H237501		3.36	20	0.99	260	<1	1.34	3	690	10	0.12	<5	10	243	<20	0.34
H237502		3.43	30	1.12	322	<1	1.40	3	740	16	0.05	<5	11	276	<20	0.37
H237503		3.14	30	1.12	327	<1	1.28	3	690	10	0.02	<5	11	276	<20	0.37
H237504		3.11	20	1.14	354	<1	1.39	3	730	11	0.08	<5	11	261	<20	0.39
H237505		3.44	30	1.11	315	<1	1.32	3	700	13	0.05	<5	11	284	20	0.37
H237506		3.05	20	1.23	368	2	1.36	3	690	10	0.15	<5	12	291	<20	0.41

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Project: Fairweather

Finalized Date: 22-AUG-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08103553

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
B374555		<10	<10	21	<10	102
B374556		10	<10	22	<10	103
B374557		<10	<10	70	<10	35
B374558		10	<10	86	10	46
B374559		<10	<10	3	<10	<2
B374560		<10	<10	38	<10	41
B374561		10	<10	81	<10	32
B374562		<10	10	36	<10	38
B374563		<10	<10	33	<10	29
B374564		<10	<10	149	<10	12
B374565		<10	20	10	<10	11
B374566		<10	<10	9	<10	<2
H237501		<10	<10	75	<10	29
H237502		10	10	81	<10	35
H237503		<10	<10	79	<10	32
H237504		<10	<10	81	<10	31
H237505		<10	<10	77	<10	30
H237506		<10	<10	90	<10	37

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VANCOUVER BC V6B 1L8

Finalized : 20-SEP-2008
Account: MTT

CERTIFICATE VA08112839

Project: Fairweather

P.O. No.:

This report is for 41 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 12-AUG-2008.

The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
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-ICP61	33 element four acid ICP-AES	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: **STRATEGIC METALS LTD.**
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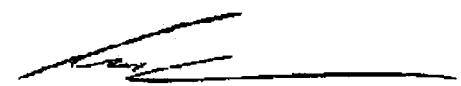
Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 20-SEP-2008
Account: MTT

Project: Fairweather

CERTIFICATE OF ANALYSIS VA08112839

Sample Description	Method	WEI-21	Au-ICP21	Au-ICP21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01
H237621		4.24	0.097		<0.5	7.17	43	830	2.0	19	2.73	<0.5	8	11	267	3.23
H237622		5.12	0.257		0.6	7.63	36	940	2.1	64	2.33	<0.5	8	16	286	3.45
H237623		5.38	0.183		0.5	7.35	40	910	2.1	18	2.45	<0.5	11	12	413	3.40
H237624		5.32	0.274		0.9	7.59	46	890	2.1	35	1.97	<0.5	12	14	585	3.61
H237625		3.90	0.023		0.9	7.75	51	880	2.1	19	2.37	<0.5	12	14	502	3.67
H237626		4.42	0.022		0.7	7.46	42	860	2.1	19	2.06	<0.5	12	14	440	3.64
H237627		4.48	0.043		0.7	7.60	35	880	2.2	16	2.23	<0.5	12	13	312	3.58
H237628		4.62	0.124		1.2	7.85	41	920	2.1	29	2.34	<0.5	11	15	440	3.56
H237629		4.70	0.346		1.1	7.32	46	880	2.0	52	2.09	<0.5	11	13	493	3.36
H237630		3.36	0.154		1.0	7.59	31	930	1.9	41	2.29	<0.5	8	15	443	3.29
H237631		5.44	0.220		0.9	7.75	98	980	1.9	41	2.53	<0.5	11	15	340	3.71
H237632		4.98	0.056		<0.5	7.43	15	930	1.8	24	2.82	<0.5	10	15	225	3.58
H237633		3.82	0.072		0.7	7.58	85	990	1.8	23	2.59	<0.5	10	14	233	3.58
H237634		4.66	0.212		0.7	7.89	37	1040	1.8	70	2.68	<0.5	10	17	196	3.85
H237635		4.66	0.256		0.6	7.92	34	1000	1.9	40	2.80	<0.5	10	16	228	3.79
H237636		4.84	0.368		1.0	7.59	124	970	2.0	41	2.31	<0.5	10	16	340	3.39
H237637		4.04	0.392		<0.5	7.59	24	970	2.0	44	2.57	<0.5	10	15	196	3.55
H237638		5.56	0.600	0.123	0.6	7.86	26	1010	2.0	27	2.67	<0.5	9	16	234	3.77
H237639		4.98	0.037		<0.5	7.27	19	880	2.2	14	2.57	<0.5	9	13	72	3.20
H237640		5.60	0.025		<0.5	7.11	13	800	2.6	9	2.33	<0.5	8	12	178	2.84
H237641		4.06	0.012		0.5	7.13	67	800	2.6	12	2.21	<0.5	9	9	137	2.74
H237642		4.94	0.065	0.099	0.6	7.41	11	840	2.7	20	2.15	<0.5	9	10	191	2.82
H237643		4.28	0.085		0.6	7.24	22	840	2.5	18	1.99	<0.5	9	10	219	2.90
H237644		4.36	0.011		1.4	7.70	22	870	2.6	13	2.08	<0.5	8	11	303	2.89
H237645		4.74	0.021		1.4	7.81	133	880	2.5	23	2.08	<0.5	9	11	428	3.19
H237646		5.06	0.059		1.5	7.72	342	870	2.4	28	2.02	<0.5	10	12	334	3.20
H237647		3.96	0.086		0.9	7.63	81	870	2.4	20	2.08	<0.5	9	10	282	3.18
H237648		4.48	0.051		1.2	7.43	107	860	2.2	51	2.09	<0.5	10	11	220	2.96
H237649		5.64	0.013		1.8	7.54	28	890	2.4	18	2.22	<0.5	9	10	472	3.08
H237650		3.92	0.043		1.3	7.72	19	900	2.5	22	2.34	<0.5	12	13	304	3.06
H237651		3.48	0.012		0.8	7.71	15	890	2.5	18	2.25	<0.5	9	10	237	3.07
H237652		4.96	0.234		0.7	7.38	34	820	2.3	28	2.31	<0.5	8	12	209	2.75
H237653		5.18	0.016		<0.5	7.60	7	880	2.4	11	2.56	<0.5	9	12	132	3.03
H237654		5.16	0.007		0.6	7.72	18	920	2.3	15	2.52	<0.5	9	14	124	3.13
H237655		4.96	0.006		0.7	7.90	12	960	2.2	11	2.62	<0.5	10	15	160	3.24
H237656		2.28	0.047		<0.5	7.87	25	940	2.2	18	2.49	<0.5	8	11	77	3.24
H237657		5.84	0.134		<0.5	7.38	16	890	2.2	21	2.44	<0.5	8	10	158	3.10
H237658		3.76	0.080		1.6	7.64	34	940	2.1	65	2.29	<0.5	10	13	410	3.20
H237659		4.90	0.034		1.1	7.73	32	940	2.2	19	2.36	<0.5	15	10	281	3.29
H237660		4.86	0.021		0.7	7.40	19	920	2.2	20	2.58	<0.5	10	13	234	3.21

Comments: Additional Au result for sample H237642 is 0.179ppm.

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Project: Fairweather

Finalized Date: 20-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08112839

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20
H237621		20	3.03	30	1.36	333	<1	0.42	3	660	18	0.37	<5	11	214	20
H237622		20	3.47	30	1.09	311	<1	1.29	3	720	20	0.45	<5	11	259	20
H237623		20	3.22	30	1.07	308	<1	1.25	2	710	20	0.48	<5	11	244	20
H237624		20	3.34	30	1.18	310	<1	1.13	3	720	19	0.50	<5	12	232	20
H237625		20	3.17	30	1.30	346	<1	1.07	4	740	19	0.38	<5	12	232	20
H237626		20	2.98	30	1.23	322	<1	1.11	4	730	20	0.49	<5	12	240	20
H237627		20	3.12	30	1.22	356	<1	1.16	3	710	18	0.34	<5	12	252	20
H237628		20	3.29	30	1.17	313	<1	1.25	3	720	17	0.50	<5	12	269	20
H237629		20	3.22	30	1.11	308	<1	1.18	3	690	20	0.34	<5	11	251	20
H237630		20	3.37	30	1.13	319	<1	1.26	4	700	21	0.36	<5	12	273	20
H237631		20	3.07	30	1.22	369	<1	1.25	4	730	18	0.42	<5	13	277	20
H237632		20	2.78	20	1.21	477	<1	1.27	3	690	15	0.26	<5	13	292	20
H237633		20	2.90	30	1.26	501	<1	0.98	3	710	23	0.22	<5	13	228	20
H237634		20	3.11	20	1.23	522	<1	1.37	4	760	31	0.29	5	14	305	<20
H237635		20	2.90	30	1.23	501	<1	1.41	3	720	24	0.26	<5	14	322	20
H237636		20	3.13	30	1.12	412	<1	1.28	3	690	22	0.18	<5	12	265	20
H237637		20	3.03	20	1.15	393	<1	1.44	3	680	18	0.34	<5	12	295	20
H237638		20	2.97	30	1.25	527	<1	1.34	3	740	20	0.14	<5	13	300	20
H237639		20	3.03	20	1.03	478	<1	1.43	2	700	17	0.14	<5	11	278	20
H237640		20	3.04	30	0.89	333	<1	1.43	4	660	19	0.18	<5	9	234	20
H237641		20	3.14	30	0.86	309	1	1.38	1	660	19	0.19	<5	9	224	20
H237642		20	3.23	30	0.98	292	<1	1.34	1	690	15	0.14	<5	9	232	20
H237643		20	3.05	20	1.05	326	<1	1.20	3	690	22	0.14	<5	9	218	<20
H237644		20	3.45	30	0.97	334	<1	1.29	1	680	35	0.11	<5	10	228	20
H237645		20	3.29	30	0.98	355	<1	1.21	1	690	47	0.10	6	10	223	20
H237646		20	3.18	30	0.98	334	<1	1.14	2	690	70	0.09	<5	10	221	20
H237647		20	2.97	30	0.94	445	<1	1.20	2	680	86	0.11	<5	10	229	20
H237648		20	3.14	30	0.92	382	<1	1.23	2	680	68	0.08	<5	10	225	20
H237649		20	3.09	20	1.02	430	<1	1.32	3	690	25	0.04	<5	10	236	<20
H237650		20	3.18	20	1.03	431	1	1.38	1	710	28	0.04	<5	10	250	<20
H237651		20	3.14	30	1.10	498	<1	1.32	2	700	13	0.02	<5	10	257	20
H237652		20	3.22	20	0.90	455	<1	1.37	1	640	27	0.10	<5	9	241	20
H237653		20	3.01	30	0.99	487	<1	1.47	2	690	21	0.09	<5	10	271	<20
H237654		20	2.96	30	0.96	515	<1	1.51	3	630	19	0.07	<5	10	282	20
H237655		20	3.05	30	0.99	525	<1	1.52	3	650	21	0.12	<5	11	290	<20
H237656		20	3.13	30	1.04	493	<1	1.34	1	660	29	0.09	<5	11	267	20
H237657		20	2.96	30	1.01	485	<1	1.37	2	610	20	0.11	5	10	262	<20
H237658		20	3.04	30	1.06	496	<1	1.18	3	680	80	0.06	25	11	243	<20
H237659		20	3.06	30	1.09	543	<1	1.25	2	680	36	0.07	<5	11	246	<20
H237660		20	2.87	20	1.04	533	<1	1.42	1	670	20	0.05	<5	11	285	<20

Comments: Additional Au result for sample H237642 is 0.179ppm.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Fairweather

Finalized Date: 20-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08112839

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
H237621		0.34	<10	<10	72	<10	28
H237622		0.37	<10	<10	79	<10	28
H237623		0.36	<10	<10	75	<10	29
H237624		0.37	<10	<10	80	<10	33
H237625		0.38	<10	<10	81	<10	30
H237626		0.37	<10	<10	82	<10	30
H237627		0.38	<10	<10	80	<10	31
H237628		0.38	<10	<10	80	<10	30
H237629		0.37	<10	<10	76	<10	31
H237630		0.37	<10	<10	77	<10	31
H237631		0.39	<10	<10	89	10	32
H237632		0.39	<10	<10	87	<10	40
H237633		0.39	<10	<10	91	10	50
H237634		0.42	<10	<10	96	40	45
H237635		0.41	<10	<10	91	10	44
H237636		0.37	<10	<10	81	<10	40
H237637		0.38	<10	<10	85	10	35
H237638		0.41	<10	<10	92	<10	46
H237639		0.36	<10	<10	75	<10	39
H237640		0.31	<10	10	63	<10	42
H237641		0.30	<10	<10	59	<10	30
H237642		0.32	<10	<10	64	10	26
H237643		0.32	<10	<10	65	<10	30
H237644		0.31	<10	<10	64	<10	40
H237645		0.32	10	<10	70	<10	66
H237646		0.31	<10	<10	67	10	72
H237647		0.32	<10	<10	68	10	88
H237648		0.31	10	<10	66	10	40
H237649		0.34	10	<10	70	10	46
H237650		0.34	10	10	69	<10	46
H237651		0.34	10	<10	70	<10	47
H237652		0.30	<10	<10	62	10	42
H237653		0.34	<10	<10	70	<10	52
H237654		0.34	<10	<10	71	<10	51
H237655		0.35	10	<10	73	<10	56
H237656		0.34	<10	<10	73	<10	44
H237657		0.34	<10	<10	71	10	49
H237658		0.36	<10	<10	77	10	71
H237659		0.36	<10	<10	76	10	56
H237660		0.36	10	<10	77	<10	53

Comments: Additional Au result for sample H237642 is 0.179ppm.

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Project: Fairweather

Finalized Date: 20-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08112839

Sample Description	Method	WEI-21	Au-ICP21	Au-ICP21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01
H237905		3.36	0.001		<0.5	0.09	<5	20	<0.5	<2	20.6	<0.5	2	<1	3	0.41

Comments: Additional Au result for sample H237642 is 0.179ppm.

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Project: Fairweather

Finalized Date: 20-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08112839

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
H237905		<10	0.04	<10	12.70	184	<1	0.03	<1	220	3	0.01	<5	<1	49	<20

Comments: Additional Au result for sample H237642 is 0.179ppm.

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Project: Fairweather

Finalized Date: 20-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08112839

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
H237905		<0.01	<10	<10	3	<10	13

Comments: Additional Au result for sample H237642 is 0.179ppm.

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Finalized | **Page: 1**
12-SEP-2008
Account: MTT

CERTIFICATE VA08112837

Project: Fairweather

P.O. No.:

This report is for 114 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 12-AUG-2008.

The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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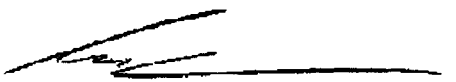
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Project: Fairweather

CERTIFICATE OF ANALYSIS VA08112837

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
H237703		6.02	0.005	<0.5	7.96	240	990	1.9	4	3.11	<0.5	10	19	83	3.74	20
H237704		6.00	0.020	0.9	7.78	1255	940	1.8	18	3.13	<0.5	23	17	141	3.83	20
H237705		5.42	0.005	1.2	7.59	66	900	1.8	6	3.18	0.6	8	19	205	3.80	20
H237706		5.64	0.004	1.0	8.16	216	850	1.9	4	2.72	<0.5	9	17	112	3.99	20
H237707		5.30	0.003	2.3	7.94	283	880	1.9	5	2.91	3.2	9	18	214	3.88	20
H237708		5.78	0.007	0.5	7.26	24	850	1.7	<2	2.86	<0.5	7	16	118	3.46	10
H237709		4.88	0.003	<0.5	7.21	18	910	1.7	<2	3.24	<0.5	8	15	94	3.60	20
H237710		5.58	0.003	<0.5	7.43	12	950	1.8	<2	3.31	<0.5	9	17	69	3.80	10
H237711		5.00	0.005	<0.5	7.19	9	940	1.8	4	2.99	<0.5	8	15	121	3.51	10
H237712		5.50	0.002	<0.5	7.41	17	910	1.9	<2	3.14	<0.5	8	13	25	3.36	10
H237713		5.24	0.002	<0.5	6.98	6	840	1.9	<2	3.01	<0.5	8	16	28	3.12	20
H237714		5.34	0.007	<0.5	7.21	12	910	1.8	<2	3.17	<0.5	9	16	56	3.28	20
H237715		5.56	0.003	<0.5	6.83	15	940	1.7	<2	2.90	<0.5	8	17	65	2.92	10
H237716		5.46	0.003	<0.5	7.25	7	930	1.8	<2	3.23	<0.5	8	19	71	3.63	20
H237717		5.26	0.005	<0.5	7.23	10	910	1.7	<2	4.34	<0.5	9	15	95	3.66	20
H237718		5.36	0.006	<0.5	7.36	23	950	1.8	3	3.28	<0.5	8	16	135	3.86	20
H237719		5.72	0.061	<0.5	7.83	1865	1010	1.8	41	3.30	<0.5	13	21	207	4.18	10
H237720		5.70	0.005	<0.5	7.62	144	960	1.8	<2	3.40	<0.5	10	20	115	4.01	20
H237721		5.30	0.004	<0.5	5.51	15	690	1.9	<2	1.65	<0.5	14	18	92	2.29	<10
H237722		5.10	0.004	<0.5	7.81	<5	990	1.9	3	3.40	<0.5	9	19	61	3.76	10
H237723		6.14	0.004	<0.5	7.60	7	950	1.8	<2	3.38	<0.5	8	16	37	3.71	10
H237724		5.36	0.003	<0.5	7.50	5	920	1.8	<2	3.28	<0.5	8	15	8	3.59	10
H237725		4.10	0.002	0.5	0.09	<5	30	<0.5	<2	18.85	<0.5	1	<1	3	0.40	<10
H237726		5.88	0.003	<0.5	8.20	11	1010	2.1	<2	3.95	<0.5	11	20	12	4.06	20
H237727		5.66	0.003	<0.5	7.27	12	950	1.9	<2	3.38	<0.5	9	19	16	3.73	10
H237728		4.76	0.002	<0.5	7.85	9	990	2.0	<2	3.50	<0.5	11	18	10	3.85	30
H237729		5.92	0.003	<0.5	7.14	16	960	1.8	<2	3.19	<0.5	9	15	17	3.50	10
H237730		5.50	0.003	<0.5	2.65	24	610	2.0	<2	1.02	<0.5	17	17	19	1.31	<10
H237731		5.84	0.003	<0.5	7.51	<5	980	1.9	<2	3.29	<0.5	8	16	15	3.50	20
H237732		4.64	0.008	<0.5	5.82	<5	850	2.0	<2	2.88	<0.5	12	16	21	3.05	10
H237733		5.10	0.032	<0.5	7.69	7	930	1.9	9	3.50	<0.5	9	15	31	3.87	10
H237734		5.54	0.008	<0.5	7.81	31	990	2.0	6	3.66	<0.5	10	16	71	4.00	20
H237735		5.78	0.015	<0.5	7.85	<5	980	1.9	4	3.53	<0.5	9	16	46	3.92	20
H237736		5.56	0.007	<0.5	7.59	11	970	1.9	3	3.33	<0.5	10	16	105	3.75	20
H237737		5.58	0.008	<0.5	7.84	177	950	1.9	8	3.51	<0.5	11	19	73	3.97	20
H237738		5.88	0.115	<0.5	7.65	222	960	1.9	29	3.56	<0.5	12	16	191	4.14	20
H237739		5.42	0.012	<0.5	0.23	<5	30	<0.5	<2	0.11	<0.5	<1	<1	3	0.13	<10
H237740		5.54	0.039	<0.5	12.10	43	1870	3.6	12	7.25	<0.5	20	36	188	7.90	40
H237741		5.76	0.024	<0.5	7.88	25	950	1.9	6	3.56	<0.5	10	16	73	3.89	10
H237742		5.14	0.012	<0.5	7.73	11	940	1.9	5	3.49	<0.5	9	16	55	3.69	10

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Project: Fairweather

CERTIFICATE OF ANALYSIS VA08112837

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
H237703		2.71	20	1.20	544	1	1.55	2	650	70	0.18	19	13	322	20	0.40
H237704		2.67	30	1.17	497	1	1.51	2	640	26	0.40	<5	13	316	20	0.37
H237705		2.77	20	1.07	611	<1	1.21	2	650	127	0.42	5	13	258	20	0.37
H237706		2.89	30	1.18	610	1	1.03	2	680	57	0.39	<5	14	214	20	0.37
H237707		2.89	30	1.05	674	1	1.24	3	640	135	0.33	9	13	249	20	0.37
H237708		2.70	30	1.00	517	<1	1.29	3	600	21	0.22	<5	12	248	20	0.36
H237709		2.50	20	1.12	565	<1	1.47	2	650	21	0.19	6	12	303	<20	0.39
H237710		2.52	20	1.21	558	<1	1.53	2	690	21	0.23	<5	13	335	20	0.40
H237711		2.71	20	1.10	487	<1	1.43	3	620	16	0.28	<5	12	301	<20	0.38
H237712		2.68	30	1.08	544	<1	1.52	3	620	10	0.07	<5	12	398	20	0.36
H237713		2.62	20	0.93	522	<1	1.62	1	560	9	0.06	<5	10	350	20	0.34
H237714		2.72	20	1.02	507	<1	1.58	1	600	11	0.13	<5	11	307	20	0.36
H237715		2.73	20	0.84	408	<1	1.54	2	510	12	0.18	<5	9	298	<20	0.32
H237716		2.71	20	1.14	535	<1	1.56	1	650	12	0.22	<5	12	317	20	0.38
H237717		2.55	30	1.21	564	<1	1.37	1	650	11	0.28	5	13	363	20	0.38
H237718		2.46	20	1.26	524	<1	1.41	4	680	14	0.35	<5	13	291	20	0.39
H237719		2.80	30	1.25	523	<1	1.55	3	710	29	0.44	9	14	331	20	0.41
H237720		2.63	20	1.25	545	<1	1.60	4	700	11	0.30	<5	13	328	20	0.41
H237721		2.60	20	0.80	367	<1	0.82	3	530	6	0.24	<5	8	267	<20	0.40
H237722		2.76	30	1.18	566	<1	1.64	4	690	11	0.21	<5	13	342	20	0.39
H237723		2.49	20	1.20	600	<1	1.53	3	660	8	0.13	<5	13	329	20	0.39
H237724		2.52	20	1.11	610	<1	1.56	3	630	6	0.03	<5	13	312	20	0.37
H237725		0.03	<10	11.90	181	<1	0.01	<1	250	<2	0.02	<5	<1	43	<20	<0.01
H237726		2.70	20	1.33	722	<1	1.80	3	710	8	0.04	<5	14	390	20	0.42
H237727		2.73	20	1.16	633	<1	1.65	3	680	10	0.05	<5	12	334	20	0.40
H237728		2.64	20	1.22	662	<1	1.68	3	710	10	0.04	<5	13	341	20	0.41
H237729		2.57	20	1.08	593	<1	1.51	3	650	12	0.05	<5	11	392	20	0.38
H237730		2.56	10	0.38	234	<1	0.56	4	290	2	0.03	<5	6	141	<20	0.39
H237731		2.64	20	1.10	602	<1	1.61	2	640	11	0.05	<5	12	410	20	0.37
H237732		3.01	20	0.98	521	<1	1.27	3	590	7	0.07	<5	11	294	20	0.37
H237733		2.43	20	1.23	614	<1	1.59	4	700	8	0.10	<5	14	335	20	0.39
H237734		2.70	20	1.28	584	<1	1.65	4	720	9	0.22	<5	13	348	20	0.42
H237735		2.58	20	1.28	612	<1	1.61	3	710	9	0.15	<5	14	347	20	0.41
H237736		2.63	20	1.21	527	<1	1.53	2	670	9	0.24	<5	13	327	20	0.39
H237737		2.50	20	1.29	578	<1	1.63	3	720	11	0.21	<5	14	337	20	0.41
H237738		2.54	20	1.33	516	<1	1.56	3	750	11	0.39	<5	14	325	20	0.42
H237739		0.07	<10	0.04	12	<1	0.05	<1	30	<2	0.01	<5	<1	7	<20	0.01
H237740		4.33	20	2.23	1190	<1	3.55	9	1440	23	0.51	5	17	673	20	0.86
H237741		2.64	20	1.23	556	<1	1.66	4	690	8	0.22	<5	14	334	20	0.40
H237742		2.64	20	1.14	528	<1	1.66	3	650	9	0.20	<5	12	331	20	0.38

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

Project: Fairweather

Finalized Date: 12-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08112837

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
H237703		<10	10	89	10	45
H237704		<10	<10	87	20	45
H237705		10	<10	89	10	78
H237706		<10	<10	89	10	83
H237707		<10	<10	86	10	260
H237708		<10	10	83	<10	46
H237709		<10	10	88	<10	50
H237710		<10	10	93	<10	56
H237711		<10	10	86	<10	48
H237712		<10	10	80	<10	38
H237713		<10	10	75	<10	41
H237714		<10	10	80	<10	38
H237715		<10	10	73	<10	33
H237716		<10	10	88	<10	42
H237717		<10	<10	87	<10	40
H237718		<10	10	90	<10	40
H237719		<10	10	94	<10	48
H237720		<10	<10	96	<10	41
H237721		10	<10	93	<10	35
H237722		<10	10	90	<10	35
H237723		<10	10	90	<10	37
H237724		<10	10	85	<10	40
H237725		<10	<10	2	<10	10
H237726		<10	10	100	<10	48
H237727		<10	10	92	<10	40
H237728		10	10	94	<10	45
H237729		<10	<10	85	<10	42
H237730		<10	10	89	<10	44
H237731		<10	10	84	<10	41
H237732		<10	10	87	<10	41
H237733		10	10	92	<10	38
H237734		<10	10	97	10	36
H237735		<10	<10	96	<10	38
H237736		<10	10	89	<10	33
H237737		<10	10	98	10	35
H237738		10	10	99	<10	35
H237739		<10	<10	2	<10	<2
H237740		<10	20	207	10	81
H237741		<10	10	94	<10	34
H237742		<10	10	89	<10	32

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Project: Fairweather

Finalized Date: 12-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08112837

Method / Analyte / Units / LOR / Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
H237743	5.42	0.001	<0.5	7.83	10	940	2.0	3	3.41	<0.5	8	17	36	3.68	20
H237744	4.86	0.011	<0.5	7.75	26	950	1.9	7	3.42	<0.5	10	17	127	3.97	20
H237745	5.54	0.004	<0.5	7.67	30	980	1.8	2	3.40	<0.5	9	18	107	3.84	20
H237746	5.70	0.117	<0.5	7.77	33	950	1.9	11	3.52	<0.5	12	18	100	4.04	10
H237747	5.18	0.011	<0.5	7.50	10	950	1.9	2	3.40	<0.5	9	16	89	3.78	10
H237748	5.56	0.005	<0.5	7.91	15	970	1.8	3	3.50	<0.5	9	18	68	3.87	20
H237749	5.24	0.007	<0.5	7.77	25	1010	1.8	<2	3.54	<0.5	11	19	113	4.09	20
H237750	3.42	<0.001	<0.5	0.10	8	20	<0.5	<2	18.75	<0.5	1	<1	2	0.39	<10
H237751	5.90	0.118	<0.5	7.88	32	990	1.9	23	3.34	<0.5	10	16	131	3.95	10
H237752	5.62	0.031	<0.5	7.58	557	960	1.8	9	3.31	<0.5	67	19	88	3.71	20
H237753	5.92	0.032	<0.5	7.65	32	940	2.0	3	3.42	<0.5	10	19	84	3.64	20
H237754	5.48	0.182	0.6	7.16	85	940	1.9	21	3.22	<0.5	16	21	209	3.72	20
H237755	4.34	0.054	<0.5	7.32	15	970	1.9	8	3.21	<0.5	10	18	111	3.72	10
H237756	5.62	0.254	0.5	7.53	20	980	1.9	41	3.21	<0.5	11	18	125	3.61	20
H237757	4.62	0.074	<0.5	7.42	46	930	1.8	9	3.23	<0.5	13	20	75	3.65	20
H237758	7.10	0.013	<0.5	6.92	10	920	1.8	2	3.39	<0.5	9	17	97	3.61	20
H237759	5.22	0.017	<0.5	7.25	30	970	2.0	2	3.39	<0.5	12	20	101	3.58	20
H237760	5.28	0.083	<0.5	6.98	11	880	1.8	15	2.94	<0.5	10	19	101	3.27	10
H237761	5.18	0.033	<0.5	7.27	22	910	1.9	10	3.08	<0.5	9	20	108	3.54	20
H237762	5.32	0.009	<0.5	7.24	16	930	1.8	3	3.16	<0.5	9	18	133	3.67	20
H237763	5.44	0.096	0.5	7.18	239	950	1.7	42	3.03	<0.5	21	19	117	3.62	20
H237764	5.24	0.031	<0.5	7.60	8	970	1.8	6	3.33	<0.5	9	16	105	3.81	20
H237765	5.22	0.532	<0.5	7.49	2830	970	1.9	125	3.27	<0.5	184	24	92	3.92	20
H237766	5.52	0.008	<0.5	7.63	20	930	1.9	2	3.48	<0.5	11	19	96	3.85	20
H237767	5.26	0.015	<0.5	7.19	35	930	2.0	5	3.25	<0.5	11	20	93	3.63	20
H237768	5.36	0.015	<0.5	7.49	15	940	1.9	7	3.33	<0.5	10	17	100	3.72	20
H237769	4.80	0.004	0.5	7.63	14	970	1.9	2	3.37	<0.5	10	19	96	3.78	20
H237770	5.54	0.011	<0.5	7.44	17	940	1.9	<2	3.25	<0.5	11	18	99	3.67	20
H237771	5.22	0.003	<0.5	7.31	14	920	1.8	<2	3.07	<0.5	11	19	161	3.61	20
H237772	5.82	0.002	<0.5	7.60	12	940	1.9	<2	3.39	<0.5	11	20	171	3.97	20
H237773	5.56	0.002	<0.5	7.83	56	920	2.0	2	3.48	<0.5	15	24	188	4.27	20
H237774	5.64	0.013	0.6	7.43	40	940	1.9	9	3.13	<0.5	9	19	135	3.60	20
H237775	4.14	0.002	<0.5	0.12	<5	20	<0.5	<2	19.40	<0.5	2	1	2	0.41	<10
H237776	5.78	0.008	<0.5	7.33	26	930	1.9	7	3.22	<0.5	9	18	150	3.46	20
H237777	6.20	0.006	0.7	7.40	11	910	2.0	2	3.10	<0.5	9	20	165	3.51	20
H237778	5.40	0.001	0.5	7.42	5	890	1.9	2	2.99	<0.5	7	16	150	3.36	20
H237779	6.06	0.054	<0.5	7.63	5	910	1.8	<2	3.03	<0.5	8	19	178	3.47	20
H237780	5.44	0.045	0.5	7.02	7	890	1.8	12	2.97	<0.5	8	16	134	3.18	20
H237781	5.78	1.085	0.7	7.42	111	910	1.9	311	3.31	<0.5	13	20	153	3.82	20
H237782	5.60	0.029	0.6	7.00	6	860	1.8	14	3.13	<0.5	8	19	231	3.77	20

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VANCOUVER BC V6B 1L8

Project: Fairweather

CERTIFICATE OF ANALYSIS VA08112837

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
H237743		2.81	30	1.12	555	<1	1.65	3	630	18	0.13	<5	12	328	20	0.38
H237744		2.52	20	1.25	513	<1	1.63	4	700	8	0.31	<5	14	325	20	0.41
H237745		2.65	30	1.21	507	<1	1.60	2	700	10	0.28	<5	13	324	20	0.40
H237746		2.54	20	1.28	527	<1	1.62	3	730	10	0.30	<5	14	329	20	0.42
H237747		2.50	20	1.20	503	<1	1.58	3	680	8	0.25	<5	13	320	20	0.40
H237748		2.57	30	1.23	544	<1	1.60	4	680	8	0.22	<5	14	327	20	0.40
H237749		2.43	30	1.28	505	<1	1.63	3	720	10	0.35	<5	14	342	20	0.42
H237750		0.04	<10	11.85	175	<1	0.01	<1	290	<2	0.02	<5	<1	44	<20	<0.01
H237751		2.57	30	1.24	450	<1	1.56	4	670	11	0.35	5	13	330	20	0.39
H237752		2.54	20	1.16	476	<1	1.55	106	670	12	0.26	<5	13	326	20	0.38
H237753		2.69	20	1.10	477	1	1.60	4	650	18	0.27	<5	12	346	20	0.39
H237754		2.77	20	1.10	481	1	1.54	18	660	19	0.35	<5	12	331	<20	0.40
H237755		2.75	20	1.14	461	1	1.48	4	640	12	0.33	<5	12	337	20	0.40
H237756		2.82	20	1.10	439	<1	1.51	4	630	12	0.29	<5	12	348	20	0.40
H237757		2.71	20	1.11	483	1	1.50	9	650	12	0.28	<5	12	348	20	0.39
H237758		2.73	20	1.06	459	1	1.57	4	640	12	0.31	<5	11	349	<20	0.39
H237759		2.87	20	1.03	433	1	1.67	9	630	14	0.33	<5	11	352	20	0.39
H237760		2.73	20	0.94	362	1	1.47	4	570	12	0.35	<5	10	315	20	0.35
H237761		2.83	20	1.03	398	6	1.50	6	600	12	0.38	<5	11	332	20	0.38
H237762		2.81	20	1.08	419	1	1.49	5	650	16	0.43	<5	12	318	<20	0.39
H237763		2.87	20	1.09	419	1	1.41	4	640	18	0.41	<5	12	297	<20	0.39
H237764		2.86	20	1.15	462	<1	1.59	4	680	13	0.37	<5	12	345	20	0.40
H237765		2.82	20	1.12	473	1	1.54	8	660	19	0.46	6	12	333	<20	0.40
H237766		2.66	20	1.17	492	1	1.63	3	680	14	0.34	<5	13	348	20	0.41
H237767		2.71	20	1.08	443	<1	1.56	5	650	13	0.33	<5	12	326	<20	0.40
H237768		2.56	20	1.13	444	1	1.58	4	670	11	0.34	<5	13	338	20	0.40
H237769		2.66	20	1.16	475	1	1.48	4	670	17	0.32	<5	13	321	20	0.41
H237770		2.66	20	1.08	428	<1	1.52	4	640	13	0.37	<5	12	321	20	0.39
H237771		2.88	20	1.08	413	1	1.51	5	620	18	0.40	<5	11	347	20	0.38
H237772		2.62	20	1.17	440	<1	1.63	5	680	14	0.46	<5	13	352	<20	0.42
H237773		2.46	20	1.31	483	<1	1.62	9	690	19	0.52	<5	15	350	20	0.44
H237774		2.80	20	1.07	414	<1	1.50	4	630	19	0.39	<5	12	316	<20	0.39
H237775		0.05	<10	12.75	187	<1	<0.01	1	380	3	0.03	<5	<1	53	<20	0.01
H237776		2.69	20	0.97	378	1	1.59	4	590	13	0.43	<5	10	343	20	0.36
H237777		2.75	20	1.02	364	1	1.57	5	590	12	0.45	<5	11	327	20	0.37
H237778		2.70	20	1.01	351	<1	1.53	3	590	12	0.38	<5	11	318	20	0.36
H237779		2.73	30	1.01	347	1	1.49	6	590	12	0.44	<5	11	332	20	0.36
H237780		2.59	20	0.92	332	2	1.50	3	540	12	0.34	<5	10	326	<20	0.35
H237781		2.64	20	1.17	476	1	1.52	4	670	21	0.40	15	13	336	20	0.41
H237782		2.58	20	1.13	420	1	1.48	5	640	15	0.46	<5	12	302	<20	0.40

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CERTIFICATE OF ANALYSIS VA08112837

Sample Description	Method Analyte Units LOR	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H237743		<10	10	87	<10	34
H237744		<10	10	95	10	34
H237745		10	<10	94	<10	33
H237746		10	10	98	<10	34
H237747		<10	10	93	<10	32
H237748		<10	10	92	<10	32
H237749		<10	<10	98	<10	33
H237750		<10	<10	2	<10	10
H237751		<10	10	91	<10	33
H237752		<10	10	89	10	32
H237753		<10	<10	87	<10	39
H237754		<10	<10	88	10	42
H237755		<10	<10	87	<10	38
H237756		<10	<10	86	20	37
H237757		<10	<10	87	<10	38
H237758		<10	<10	87	10	36
H237759		<10	<10	86	10	35
H237760		<10	<10	76	20	31
H237761		<10	<10	82	20	32
H237762		<10	<10	87	10	38
H237763		<10	<10	85	40	38
H237764		<10	<10	88	<10	36
H237765		<10	<10	88	10	39
H237766		<10	<10	91	<10	37
H237767		<10	<10	86	<10	34
H237768		<10	<10	87	<10	35
H237769		<10	<10	90	<10	38
H237770		<10	<10	85	<10	35
H237771		<10	<10	82	10	35
H237772		<10	<10	92	10	39
H237773		<10	<10	103	10	47
H237774		<10	<10	85	10	40
H237775		<10	<10	3	<10	15
H237776		<10	<10	78	10	32
H237777		<10	10	80	10	32
H237778		<10	<10	78	10	31
H237779		<10	<10	79	10	30
H237780		<10	<10	76	10	29
H237781		<10	<10	90	<10	40
H237782		<10	<10	89	10	40

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Finalized Date: 12-SEP-2008
Account: MTT

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CERTIFICATE OF ANALYSIS VA08112837

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
H237783		6.24	0.052	<0.5	7.22	31	900	1.9	14	3.16	<0.5	11	18	196	3.81	20
H237784		4.92	0.013	0.7	6.87	10	870	1.7	4	2.92	<0.5	9	18	198	3.64	20
H237785		5.08	0.021	0.7	7.37	110	930	1.8	7	3.22	<0.5	12	17	278	3.94	20
H237786		5.66	0.024	0.7	7.10	8	920	1.8	5	3.27	<0.5	11	16	146	3.84	20
H237787		4.96	0.018	<0.5	7.13	18	940	1.8	6	3.73	<0.5	11	16	153	3.79	20
H237788		5.74	0.011	<0.5	7.24	6	910	1.9	7	3.33	<0.5	10	16	145	3.91	20
H237789		5.70	0.023	<0.5	7.81	20	990	1.9	<2	3.36	<0.5	9	18	159	4.00	10
H237790		4.70	0.013	<0.5	7.83	192	1040	1.8	<2	3.39	<0.5	10	16	209	4.14	20
H237791		4.26	0.004	<0.5	7.98	21	1020	1.8	<2	3.38	<0.5	10	17	153	4.08	20
H237792		5.56	0.115	<0.5	7.95	1475	1010	1.8	25	3.44	<0.5	69	20	227	4.23	20
H237793		5.74	0.012	<0.5	7.74	30	950	1.9	<2	3.39	<0.5	11	17	232	4.08	10
H237794		5.26	0.005	<0.5	7.92	46	970	1.9	<2	3.46	<0.5	12	21	126	4.08	20
H237795		5.98	0.004	<0.5	7.83	21	960	2.0	<2	3.55	<0.5	10	17	81	3.83	10
H237796		5.48	0.006	<0.5	8.05	23	1030	1.9	<2	3.74	<0.5	11	22	114	4.12	10
H237797		6.02	0.009	<0.5	7.68	36	940	1.9	<2	3.36	<0.5	10	21	274	4.11	20
H237798		5.64	0.034	0.7	7.68	109	1020	1.9	5	2.68	<0.5	8	16	380	2.88	20
H237799		5.10	0.035	2.0	7.97	26	980	1.9	3	2.91	<0.5	10	15	1050	4.14	20
H237800		4.60	0.001	<0.5	0.10	15	20	<0.5	<2	19.95	<0.5	1	2	2	0.43	<10
H237801		5.50	0.021	<0.5	8.03	11	970	1.9	8	3.12	<0.5	8	16	377	4.08	20
H237802		5.06	0.007	<0.5	8.03	28	960	2.0	10	3.40	<0.5	10	19	248	3.87	20
H237803		5.38	0.021	0.6	7.69	16	970	1.8	8	3.16	<0.5	11	17	293	3.84	20
H237804		5.64	0.009	<0.5	7.71	24	1130	1.9	<2	3.26	<0.5	9	17	227	3.82	20
H237805		5.30	0.023	<0.5	7.91	20	890	2.0	5	3.42	<0.5	10	20	242	4.05	20
H237806		5.80	0.029	<0.5	7.63	10	920	1.9	<2	3.30	<0.5	10	22	180	3.76	20
H237807		5.22	0.029	<0.5	7.70	9	950	2.0	4	3.47	<0.5	9	21	234	3.91	10
H237808		5.88	0.005	<0.5	8.04	17	1000	1.9	<2	3.45	<0.5	10	20	206	4.09	20
H237809		5.30	0.013	<0.5	7.98	12	990	2.0	<2	3.42	<0.5	9	19	324	4.18	20
H237810		5.54	0.046	0.5	7.74	2610	930	1.9	15	3.90	<0.5	76	19	198	3.93	20
H237811		5.54	0.027	<0.5	8.15	41	970	2.0	<2	3.49	<0.5	11	18	172	3.99	20
H237812		5.40	0.016	<0.5	7.80	31	940	2.0	3	3.39	<0.5	11	20	193	3.88	20
H237813		5.30	0.009	<0.5	7.81	28	970	2.0	2	3.54	<0.5	12	19	202	4.03	20
H237814		5.28	0.013	<0.5	7.94	22	950	2.0	2	3.44	<0.5	10	19	182	3.92	20
H237815		5.90	0.008	<0.5	7.95	17	1080	2.0	2	3.50	<0.5	10	16	176	3.89	20
H237816		3.78	0.009	<0.5	7.54	18	920	1.9	<2	3.16	<0.5	9	17	136	3.62	20

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

Project: Fairweather

Finalized D: 12-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08112837

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
H237783		2.59	20	1.18	445	<1	1.44	4	650	17	0.45	<5	12	310	<20	0.40
H237784		2.51	20	1.11	433	<1	1.33	3	610	18	0.42	<5	12	284	20	0.38
H237785		2.64	20	1.28	460	1	1.32	4	680	14	0.49	<5	13	305	<20	0.41
H237786		2.54	20	1.24	463	<1	1.38	4	660	14	0.43	<5	12	311	<20	0.41
H237787		2.52	20	1.26	470	1	1.31	6	680	12	0.35	<5	13	293	<20	0.42
H237788		2.64	20	1.22	477	<1	1.51	4	660	12	0.41	<5	13	336	20	0.41
H237789		2.77	20	1.29	471	<1	1.53	4	710	18	0.43	7	14	350	20	0.40
H237790		2.71	30	1.36	491	<1	1.40	6	690	18	0.41	16	14	316	20	0.41
H237791		2.85	20	1.33	474	<1	1.50	4	700	23	0.45	6	14	323	20	0.41
H237792		2.72	20	1.32	450	<1	1.51	6	710	17	0.55	8	14	338	20	0.41
H237793		2.67	20	1.27	411	<1	1.47	4	710	9	0.49	8	14	305	20	0.41
H237794		2.66	20	1.27	448	<1	1.62	4	710	13	0.44	<5	14	351	20	0.42
H237795		2.82	20	1.22	508	<1	1.65	4	680	12	0.27	<5	13	355	20	0.40
H237796		2.80	20	1.31	522	<1	1.66	5	730	14	0.35	7	14	360	20	0.43
H237797		2.72	20	1.25	418	1	1.60	4	680	10	0.54	8	14	348	20	0.40
H237798		3.27	30	0.87	276	3	1.58	4	490	17	0.31	9	9	318	20	0.27
H237799		3.03	30	1.27	386	<1	1.43	4	670	20	0.61	7	14	320	20	0.38
H237800		0.04	<10	12.90	188	1	0.01	1	220	2	0.01	<5	<1	51	<20	<0.01
H237801		3.02	30	1.23	410	1	1.51	3	670	21	0.57	10	14	324	20	0.38
H237802		3.03	20	1.23	431	<1	1.64	4	690	24	0.49	5	13	347	20	0.40
H237803		2.84	20	1.18	385	1	1.52	3	650	14	0.54	9	13	330	20	0.38
H237804		3.00	20	1.11	373	<1	1.28	3	650	14	0.51	17	13	312	20	0.37
H237805		2.77	20	1.25	422	<1	1.64	5	670	13	0.53	8	14	345	<20	0.39
H237806		2.89	20	1.15	404	<1	1.60	4	650	13	0.42	7	13	332	20	0.38
H237807		2.71	20	1.20	448	<1	1.69	4	690	21	0.44	8	13	359	<20	0.40
H237808		2.82	20	1.25	469	<1	1.66	4	710	23	0.44	8	14	367	20	0.42
H237809		2.83	20	1.27	435	<1	1.68	3	720	19	0.55	<5	13	361	<20	0.42
H237810		2.69	20	1.17	434	<1	1.55	4	680	21	0.58	<5	13	329	20	0.39
H237811		2.76	20	1.21	432	<1	1.70	1	690	12	0.41	<5	13	357	20	0.41
H237812		2.76	20	1.19	428	<1	1.66	4	670	13	0.45	9	13	348	20	0.40
H237813		2.72	20	1.26	458	1	1.67	3	710	11	0.45	9	13	356	<20	0.41
H237814		2.68	20	1.26	433	<1	1.64	4	670	9	0.45	<5	13	345	20	0.40
H237815		2.79	20	1.09	410	1	1.50	4	670	12	0.46	12	13	306	20	0.40
H237816		2.69	20	1.14	408	<1	1.57	4	630	12	0.35	10	12	393	20	0.37

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

Project: Fairweather

Finalized D..e: 12-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08112837

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
H237783		<10	<10	90	10	39
H237784		<10	<10	84	<10	42
H237785		<10	<10	93	<10	44
H237786		<10	<10	90	<10	36
H237787		<10	<10	92	<10	38
H237788		<10	<10	94	<10	36
H237789		<10	<10	94	<10	40
H237790		<10	<10	95	<10	44
H237791		<10	10	94	10	45
H237792		<10	<10	96	10	38
H237793		<10	10	98	10	33
H237794		<10	<10	94	<10	32
H237795		<10	10	93	<10	35
H237796		<10	<10	101	<10	36
H237797		<10	10	94	40	33
H237798		<10	10	63	10	32
H237799		<10	10	89	10	56
H237800		<10	<10	1	<10	13
H237801		<10	10	88	20	42
H237802		<10	10	91	10	41
H237803		<10	<10	87	10	32
H237804		<10	10	86	10	39
H237805		<10	10	94	<10	33
H237806		<10	10	88	10	28
H237807		<10	10	92	10	41
H237808		<10	<10	95	10	42
H237809		<10	<10	95	20	37
H237810		10	10	89	<10	36
H237811		<10	10	92	10	31
H237812		10	10	91	<10	32
H237813		<10	10	93	10	33
H237814		<10	10	91	10	30
H237815		<10	10	91	<10	30
H237816		<10	<10	85	10	29

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VANCOUVER BC V6B 1L8

Finalized | **Page: 1**
11-SEP-2008
Account: MTT

CERTIFICATE VA08113380

Project: Fairweather

P.O. No.:

This report is for 42 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 12-AUG-2008.

The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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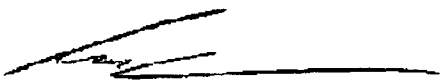
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Fairweather

Finalized Date: 11-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08113380

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
H237661		4.62	0.033	1.1	7.89	19	880	2.4	8	2.63	<0.5	8	16	259	3.19	20
H237662		3.58	0.008	0.8	7.54	38	850	2.3	9	2.55	<0.5	8	13	192	3.05	20
H237663		5.40	0.097	1.4	7.59	2200	930	2.3	51	2.61	<0.5	21	17	604	3.58	20
H237664		5.08	0.007	0.7	8.21	33	930	2.4	10	2.98	<0.5	10	15	250	3.46	20
H237665		3.08	0.008	0.8	7.02	17	830	2.1	7	2.00	<0.5	7	12	258	3.02	20
H237666		5.02	0.004	0.8	7.96	10	1070	2.0	8	2.93	<0.5	9	21	343	3.90	20
H237667		5.74	0.077	0.5	7.64	35	970	2.2	14	3.07	<0.5	8	25	204	3.65	20
H237668		4.02	0.008	0.5	7.30	5	910	2.1	5	3.09	<0.5	10	23	223	3.55	20
H237669		6.08	0.024	1.8	7.65	<5	920	2.1	15	2.83	<0.5	9	20	607	3.46	20
H237670		5.64	0.020	2.1	7.27	17	860	1.9	14	2.66	<0.5	8	14	712	3.23	20
H237671		5.30	0.011	1.6	7.40	446	890	2.1	15	2.81	<0.5	8	14	527	3.49	20
H237672		5.06	0.028	0.8	7.60	14	890	2.0	16	2.69	<0.5	9	15	267	3.34	20
H237673		5.90	0.020	1.0	7.63	63	900	2.0	10	2.84	<0.5	9	13	284	3.33	20
H237674		5.44	0.018	0.7	7.65	69	900	2.1	11	2.93	<0.5	10	15	282	3.68	20
H237675		5.96	0.022	0.7	7.18	7	940	1.8	6	2.86	<0.5	10	16	172	3.50	20
H237676		5.76	0.013	0.7	7.37	11	930	1.9	5	2.88	<0.5	9	15	226	3.53	20
H237677		5.60	0.019	1.3	7.55	16	1000	1.9	10	3.02	<0.5	10	14	350	3.75	20
H237678		5.88	0.015	0.8	7.40	6	930	1.8	4	3.14	<0.5	9	14	208	3.62	20
H237679		5.08	0.016	1.4	7.63	268	950	1.9	7	3.03	<0.5	11	14	471	3.78	20
H237680		5.50	0.013	0.6	7.36	9	910	1.9	6	2.88	<0.5	11	14	219	3.58	20
H237681		6.10	0.013	0.8	7.44	607	940	1.8	5	3.00	<0.5	10	15	318	3.52	20
H237682		6.04	0.011	0.8	7.71	10	950	1.9	7	2.83	<0.5	9	18	234	3.82	20
H237683		6.46	0.005	0.9	7.54	87	920	2.0	<2	3.14	<0.5	10	14	261	3.70	20
H237684		4.52	0.008	1.0	7.57	9	900	2.0	9	3.08	<0.5	10	14	401	3.72	20
H237685		5.72	0.015	0.9	7.49	22	980	1.9	21	3.20	<0.5	10	14	191	3.62	20
H237686		5.80	0.018	0.8	7.56	1065	950	2.0	12	3.23	<0.5	19	15	223	3.76	20
H237687		6.18	0.001	<0.5	7.42	472	950	1.8	<2	3.05	<0.5	11	16	173	3.53	20
H237688		4.26	0.010	1.3	7.38	278	980	1.7	7	3.12	<0.5	10	15	434	3.73	20
H237689		5.48	0.011	0.7	7.71	856	1030	1.8	4	3.38	<0.5	18	18	130	3.88	20
H237690		5.96	0.016	<0.5	7.40	10	960	1.9	5	3.35	<0.5	10	17	84	3.69	20
H237691		5.70	0.003	0.5	7.16	17	880	1.9	3	3.23	<0.5	10	16	60	3.55	20
H237692		5.76	<0.001	<0.5	7.28	38	920	2.0	<2	3.02	<0.5	10	15	35	3.50	20
H237693		4.72	0.003	0.5	7.21	11	930	1.7	<2	3.19	<0.5	10	14	66	3.50	20
H237694		5.76	0.003	<0.5	7.16	12	980	1.7	<2	3.18	<0.5	11	14	65	3.65	20
H237695		4.90	0.016	0.6	7.42	177	960	1.7	5	3.63	<0.5	10	15	65	3.92	20
H237696		6.12	0.011	<0.5	7.42	8	890	1.8	11	3.51	<0.5	10	13	47	3.63	20
H237697		5.26	0.030	0.5	7.63	<5	900	1.9	23	3.67	<0.5	11	13	82	3.76	20
H237698		5.72	<0.001	<0.5	7.30	85	900	2.0	<2	3.33	<0.5	10	14	28	3.48	20
H237699		5.68	0.001	<0.5	7.53	<5	970	1.8	<2	3.17	<0.5	10	15	56	3.44	20
H237700		5.12	<0.001	0.8	7.47	68	960	1.8	<2	3.29	<0.5	10	14	225	3.65	20

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Project: Fairweather

Finalized Date: 11-SEP-2008
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CERTIFICATE OF ANALYSIS VA08113380

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
H237661		3.25	30	1.03	551	1	1.50	3	670	26	0.07	<5	11	277	20	0.35
H237662		3.20	30	0.94	549	1	1.48	1	640	16	0.08	<5	10	294	20	0.33
H237663		3.31	30	0.98	549	<1	1.39	1	730	46	0.20	6	11	266	<20	0.36
H237664		3.19	30	1.12	594	<1	1.53	3	730	25	0.10	<5	12	290	20	0.37
H237665		3.01	30	1.01	431	<1	1.02	1	600	35	0.23	<5	10	205	20	0.32
H237666		3.31	30	1.14	420	1	1.47	5	710	11	0.46	<5	13	293	20	0.39
H237667		2.92	30	1.04	351	1	1.49	8	650	11	0.58	<5	12	282	20	0.36
H237668		3.06	30	0.96	374	2	1.39	5	640	11	0.70	<5	11	306	<20	0.34
H237669		3.28	30	0.96	351	<1	1.48	4	630	15	0.53	<5	11	299	<20	0.35
H237670		2.99	30	0.87	337	<1	1.29	3	590	25	0.53	<5	11	259	20	0.32
H237671		2.84	20	0.94	353	<1	1.37	2	650	22	0.58	<5	11	283	20	0.35
H237672		2.94	30	0.94	283	1	1.44	2	580	15	0.58	<5	11	296	20	0.33
H237673		2.80	30	0.94	340	<1	1.43	3	620	15	0.45	<5	11	298	20	0.34
H237674		2.77	20	1.06	371	<1	1.47	4	670	16	0.51	<5	13	302	20	0.38
H237675		2.76	30	1.02	406	<1	1.41	3	610	15	0.41	<5	12	299	20	0.36
H237676		2.78	20	1.01	403	<1	1.40	2	610	17	0.45	<5	12	300	20	0.36
H237677		2.77	20	1.10	500	<1	1.42	3	670	14	0.34	<5	13	327	<20	0.39
H237678		2.65	20	1.01	442	<1	1.40	3	670	20	0.42	<5	13	289	<20	0.38
H237679		2.83	30	1.07	433	<1	1.36	2	650	25	0.52	<5	13	318	20	0.38
H237680		2.54	30	1.07	406	<1	1.41	2	610	20	0.44	<5	13	298	20	0.36
H237681		2.80	20	1.01	441	<1	1.41	3	630	32	0.36	<5	12	296	20	0.37
H237682		2.83	30	1.11	395	<1	1.42	3	630	17	0.58	<5	13	297	20	0.38
H237683		2.60	20	1.11	493	<1	1.51	3	670	17	0.34	<5	13	319	20	0.39
H237684		2.47	30	1.13	506	<1	1.51	2	680	17	0.33	<5	14	317	20	0.39
H237685		2.76	20	1.08	543	<1	1.51	3	650	16	0.22	<5	13	331	20	0.39
H237686		2.67	20	1.11	518	<1	1.56	3	680	30	0.30	<5	13	334	20	0.39
H237687		2.77	20	1.04	543	<1	1.46	5	630	19	0.18	<5	13	296	20	0.37
H237688		2.59	40	1.12	514	<1	1.41	4	670	104	0.28	6	13	314	20	0.40
H237689		2.54	40	1.15	575	<1	1.51	4	700	17	0.19	<5	14	362	20	0.41
H237690		2.60	20	1.08	588	<1	1.60	4	670	17	0.14	<5	13	338	20	0.40
H237691		2.53	20	1.08	618	<1	1.60	4	660	16	0.14	<5	12	323	<20	0.38
H237692		2.60	20	1.11	651	<1	1.43	4	650	19	0.08	<5	12	287	20	0.38
H237693		2.52	30	1.10	561	<1	1.43	2	650	16	0.17	<5	12	311	20	0.37
H237694		2.48	20	1.16	533	<1	1.33	3	650	14	0.19	<5	12	297	<20	0.38
H237695		2.44	20	1.20	590	<1	1.15	2	670	35	0.30	7	14	265	<20	0.40
H237696		2.51	30	1.18	614	<1	1.40	4	660	15	0.13	<5	13	320	20	0.38
H237697		2.39	20	1.19	689	<1	1.53	3	690	16	0.06	<5	14	336	<20	0.41
H237698		2.49	20	1.08	660	<1	1.59	2	650	16	0.04	<5	13	326	<20	0.38
H237699		2.58	30	1.08	565	<1	1.51	2	640	13	0.09	<5	13	319	20	0.38
H237700		2.42	20	1.12	557	<1	1.52	4	670	23	0.21	<5	13	323	<20	0.39

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

Project: Fairweather

Finalized Date: 11-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08113380

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
H237661		<10	<10	76	<10	60
H237662		<10	<10	72	10	62
H237663		<10	<10	82	10	77
H237664		<10	<10	83	<10	65
H237665		<10	<10	71	<10	57
H237666		<10	<10	101	10	40
H237667		<10	<10	93	10	36
H237668		<10	<10	91	10	57
H237669		<10	<10	79	10	44
H237670		<10	<10	71	10	52
H237671		<10	<10	73	10	41
H237672		<10	<10	73	10	26
H237673		<10	<10	74	10	32
H237674		<10	<10	81	<10	34
H237675		<10	<10	79	10	33
H237676		<10	<10	79	10	35
H237677		<10	<10	87	<10	49
H237678		<10	<10	83	10	38
H237679		<10	<10	84	10	46
H237680		<10	<10	80	10	37
H237681		<10	<10	82	10	55
H237682		<10	<10	82	10	33
H237683		<10	<10	86	10	82
H237684		<10	<10	83	10	50
H237685		<10	<10	86	10	45
H237686		<10	<10	87	10	52
H237687		<10	<10	89	<10	43
H237688		<10	<10	87	<10	53
H237689		<10	<10	89	10	43
H237690		<10	<10	86	10	44
H237691		<10	<10	86	<10	51
H237692		<10	<10	85	<10	58
H237693		<10	<10	83	<10	43
H237694		<10	<10	86	<10	40
H237695		<10	<10	91	<10	49
H237696		<10	<10	87	<10	46
H237697		<10	<10	91	<10	58
H237698		<10	<10	86	<10	55
H237699		<10	<10	86	<10	40
H237700		<10	<10	87	<10	41

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Project: Fairweather

Finalized Date: 11-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08113380

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
H237701		5.60	0.022	1.0	7.44	713	980	1.8	3	3.20	<0.5	11	17	269	3.62	20
H237702		3.66	<0.001	0.6	0.09	<5	20	<0.5	<2	18.25	<0.5	2	<1	2	0.41	<10

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CERTIFICATE OF ANALYSIS VA08113380

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
H237701		2.53	30	1.08	524	<1	1.45	4	650	61	0.26	13	13	314	20	0.39
H237702		0.03	<10	11.70	179	<1	<0.01	<1	310	3	0.03	<5	1	49	<20	<0.01

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Finalized Date: 11-SEP-2008
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CERTIFICATE OF ANALYSIS VA08113380

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H237701		<10	<10	88	10	53
H237702		<10	<10	2	<10	12

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Finalize

e: 9-SEP-2008
Account: MTT

CERTIFICATE VA08113381

Project: Fairweather

P.O. No.:

This report is for 88 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 12-AUG-2008.

The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Fairweather

Finalized Date: 9-SEP-2008
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CERTIFICATE OF ANALYSIS VA08113381

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
H237817		5.42	0.002	0.5	7.39	31	880	2.0	<2	3.19	<0.5	10	17	92	3.44	20
H237818		5.38	0.002	<0.5	7.24	6	860	2.0	<2	3.13	<0.5	10	17	40	3.36	20
H237819		5.08	0.008	<0.5	7.45	8	880	1.9	6	3.05	<0.5	10	19	72	3.42	20
H237820		5.84	0.013	<0.5	7.77	6	910	1.9	3	3.03	<0.5	10	23	105	3.44	20
H237821		5.86	0.005	<0.5	7.55	26	910	1.8	2	3.10	<0.5	12	28	251	3.41	20
H237822		5.50	0.021	<0.5	7.68	<5	910	1.8	7	2.98	<0.5	12	22	60	3.43	20
H237823		5.40	0.010	<0.5	7.52	11	910	1.7	4	3.05	<0.5	10	19	36	3.27	20
H237824		5.14	0.008	<0.5	7.33	8	900	1.8	4	2.96	<0.5	10	21	74	3.37	20
H237825		4.60	<0.001	<0.5	0.10	<5	20	<0.5	<2	17.80	<0.5	3	2	<1	0.37	<10
H237826		5.74	0.004	<0.5	7.28	6	870	1.7	<2	2.98	<0.5	10	20	69	3.30	20
H237827		5.46	0.006	<0.5	7.31	5	900	1.7	<2	2.96	<0.5	11	20	69	3.37	20
H237828		5.38	0.005	<0.5	7.24	<5	890	1.7	<2	2.91	<0.5	10	21	69	3.29	20
H237829		5.66	0.007	<0.5	7.48	<5	900	1.8	<2	2.86	<0.5	11	20	94	3.35	20
H237830		5.56	0.008	<0.5	7.49	<5	900	1.8	6	2.90	<0.5	11	21	73	3.24	20
H237831		5.50	0.012	<0.5	7.45	<5	900	1.8	5	3.03	<0.5	11	23	80	3.42	20
H237832		5.80	0.005	<0.5	7.36	5	880	1.7	4	3.01	<0.5	10	19	167	3.35	20
H237833		5.82	0.007	<0.5	7.55	<5	920	1.8	<2	2.95	<0.5	10	18	70	3.26	20
H237834		5.32	0.006	<0.5	7.30	5	910	1.7	3	3.02	<0.5	10	21	82	3.32	20
H237835		5.70	0.005	<0.5	7.44	189	920	1.8	<2	2.92	<0.5	12	19	76	3.29	20
H237836		5.72	0.007	<0.5	7.62	<5	920	1.9	11	3.12	<0.5	10	20	39	3.35	20
H237837		5.44	0.005	<0.5	7.31	<5	900	1.8	2	3.18	<0.5	9	18	141	3.32	20
H237838		5.62	0.002	<0.5	7.44	271	900	1.8	<2	3.01	<0.5	13	18	124	3.47	20
H237839		5.70	0.003	<0.5	7.38	5	860	1.8	<2	2.96	<0.5	11	18	38	3.33	20
H237840		5.56	0.004	<0.5	7.05	10	860	1.7	<2	2.88	<0.5	10	22	33	3.20	20
H237841		5.70	0.011	<0.5	7.48	5	940	1.8	<2	3.07	<0.5	11	22	41	3.40	20
H237842		5.28	0.003	<0.5	7.58	<5	940	1.9	<2	3.08	<0.5	11	19	62	3.48	20
H237843		5.50	0.006	<0.5	7.40	7	920	1.8	<2	3.44	<0.5	11	18	35	3.32	20
H237844		5.08	0.004	<0.5	7.02	6	860	1.7	<2	2.98	<0.5	10	17	28	3.13	20
H237845		5.38	0.003	<0.5	7.20	5	880	1.8	<2	3.16	<0.5	11	18	47	3.28	20
H237846		5.38	0.005	<0.5	7.30	<5	890	1.8	<2	3.00	<0.5	10	19	30	3.34	20
H237847		5.72	0.007	<0.5	7.14	9	890	1.7	<2	2.94	<0.5	10	18	52	3.29	20
H237848		5.68	0.003	<0.5	7.35	9	920	1.8	<2	3.15	<0.5	11	18	37	3.40	20
H237849		5.28	0.001	<0.5	7.33	20	900	1.7	<2	3.12	<0.5	11	18	33	3.26	20
H237850		3.40	<0.001	<0.5	0.09	<5	20	<0.5	<2	17.55	<0.5	2	2	<1	0.38	<10
H237851		5.50	0.004	<0.5	7.39	12	910	1.8	<2	3.05	<0.5	11	18	51	3.39	20
H237852		5.90	0.010	<0.5	7.57	20	930	1.8	2	3.10	<0.5	11	19	45	3.50	20
H237853		2.66	0.004	<0.5	7.29	25	890	1.8	<2	3.04	<0.5	11	17	11	3.21	20
H237854		1.80	0.001	<0.5	5.82	14	1430	1.5	<2	0.75	<0.5	12	63	218	3.06	20
H237855		5.48	0.003	<0.5	7.07	21	880	1.6	<2	2.91	<0.5	11	18	59	3.30	20
H237856		5.50	0.015	<0.5	7.23	31	940	1.7	<2	3.28	<0.5	13	18	57	3.68	20

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CERTIFICATE OF ANALYSIS VA08113381

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
H237817		2.58	30	1.08	500	<1	1.56	5	610	20	0.12	<5	12	319	20	0.36
H237818		2.57	30	1.03	469	<1	1.54	3	610	17	0.15	<5	12	314	20	0.35
H237819		2.65	30	1.05	428	<1	1.52	3	550	13	0.22	<5	12	315	20	0.36
H237820		2.84	20	1.07	420	1	1.61	7	630	19	0.23	<5	12	344	20	0.37
H237821		2.79	30	1.06	447	<1	1.49	6	630	17	0.21	<5	12	315	20	0.37
H237822		2.70	30	1.08	448	1	1.54	6	640	13	0.18	<5	12	341	20	0.38
H237823		2.78	30	1.03	457	<1	1.55	6	620	12	0.13	<5	12	343	20	0.36
H237824		2.76	20	1.04	420	1	1.54	5	630	12	0.24	<5	12	326	<20	0.37
H237825		0.04	<10	11.55	165	1	0.01	4	250	3	0.01	<5	<1	48	<20	<0.01
H237826		2.66	20	1.05	407	<1	1.51	4	620	11	0.23	<5	12	321	20	0.36
H237827		2.67	30	1.04	422	<1	1.51	4	610	10	0.23	<5	12	325	<20	0.37
H237828		2.67	20	1.02	411	<1	1.49	4	610	9	0.22	<5	11	320	20	0.36
H237829		2.71	20	1.04	393	<1	1.49	6	620	14	0.29	<5	12	320	<20	0.36
H237830		2.75	30	1.01	401	<1	1.51	6	600	11	0.23	5	12	326	20	0.35
H237831		2.61	20	1.06	432	<1	1.54	5	630	10	0.24	<5	12	333	20	0.37
H237832		2.48	30	1.01	413	<1	1.43	5	600	12	0.29	<5	12	299	20	0.36
H237833		2.62	30	1.01	412	<1	1.53	4	610	15	0.23	<5	11	327	20	0.36
H237834		2.54	20	1.05	440	1	1.42	5	600	15	0.26	<5	12	335	<20	0.36
H237835		2.66	30	1.03	424	<1	1.51	5	610	15	0.20	<5	12	329	20	0.36
H237836		2.69	30	1.05	507	<1	1.55	4	610	14	0.16	<5	12	331	20	0.36
H237837		2.64	20	1.05	450	<1	1.46	4	600	8	0.25	<5	12	307	20	0.36
H237838		2.66	30	1.10	478	<1	1.53	4	630	14	0.21	<5	12	326	20	0.37
H237839		2.69	30	1.06	477	<1	1.53	4	600	15	0.14	<5	12	313	20	0.36
H237840		2.74	20	1.00	461	<1	1.50	5	590	12	0.12	<5	11	323	20	0.35
H237841		2.68	30	1.11	483	1	1.42	5	640	14	0.15	<5	12	319	20	0.37
H237842		2.79	30	1.11	456	<1	1.50	5	620	13	0.24	<5	12	319	20	0.37
H237843		2.62	20	1.06	504	1	1.48	4	610	10	0.15	<5	12	347	20	0.36
H237844		2.49	20	1.03	505	<1	1.37	4	580	11	0.10	<5	11	317	20	0.35
H237845		2.61	20	1.07	468	1	1.43	4	600	14	0.18	<5	12	323	20	0.36
H237846		2.54	30	1.07	515	<1	1.45	6	620	12	0.13	5	12	299	20	0.36
H237847		2.57	20	1.04	456	<1	1.49	5	610	13	0.19	<5	12	319	<20	0.35
H237848		2.61	20	1.07	490	<1	1.54	4	630	12	0.15	<5	12	352	20	0.37
H237849		2.52	20	1.06	484	<1	1.47	4	600	11	0.14	<5	12	328	20	0.36
H237850		0.03	<10	11.35	173	1	0.01	4	220	5	0.01	<5	<1	48	<20	<0.01
H237851		2.68	20	1.09	462	<1	1.51	4	610	11	0.19	<5	12	327	20	0.37
H237852		2.69	30	1.11	500	<1	1.55	4	630	12	0.17	<5	13	340	20	0.37
H237853		2.50	20	1.03	569	<1	1.55	6	590	13	0.04	<5	11	335	20	0.36
H237854		3.51	30	0.76	307	1	1.19	40	430	29	0.53	<5	10	140	<20	0.32
H237855		2.58	20	1.10	472	2	1.40	5	600	17	0.20	<5	12	297	<20	0.36
H237856		2.72	30	1.15	518	2	1.50	2	640	15	0.23	<5	12	311	<20	0.38

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

Finalized Date: 9-SEP-2008
Account: MTT

Project: Fairweather

CERTIFICATE OF ANALYSIS VA08113381

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
H237817		<10	<10	82	<10	36
H237818		<10	<10	79	10	32
H237819		<10	<10	81	10	29
H237820		<10	<10	82	20	38
H237821		<10	<10	80	30	42
H237822		<10	<10	82	10	33
H237823		<10	<10	80	10	32
H237824		<10	<10	81	30	33
H237825		<10	20	1	<10	12
H237826		<10	<10	79	10	30
H237827		<10	<10	80	10	30
H237828		<10	<10	78	10	29
H237829		<10	<10	79	20	31
H237830		<10	<10	77	20	29
H237831		<10	<10	80	10	31
H237832		<10	<10	78	<10	33
H237833		<10	<10	75	10	28
H237834		<10	<10	79	<10	33
H237835		<10	<10	78	<10	33
H237836		<10	<10	79	10	37
H237837		<10	<10	77	<10	34
H237838		<10	<10	81	10	36
H237839		<10	<10	80	<10	34
H237840		<10	<10	76	<10	33
H237841		<10	<10	82	<10	35
H237842		<10	<10	82	<10	36
H237843		<10	<10	78	20	35
H237844		<10	<10	75	<10	38
H237845		<10	<10	78	<10	32
H237846		<10	<10	78	10	37
H237847		<10	<10	78	<10	31
H237848		10	<10	81	<10	34
H237849		<10	<10	78	<10	33
H237850		<10	20	1	<10	11
H237851		<10	<10	80	<10	33
H237852		10	<10	83	10	36
H237853		<10	<10	79	<10	46
H237854		<10	<10	116	<10	61
H237855		<10	<10	81	10	41
H237856		<10	<10	87	30	39

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Project: Fairweather

Finalized Date: 9-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08113381

Method	WEI-21	Au-ICP21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	0.02	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
H237857	5.26	0.008	<0.5	7.13	36	900	1.6	<2	2.99	<0.5	11	17	35	3.43	20
H237858	5.44	0.003	<0.5	7.07	11	880	1.8	<2	3.46	<0.5	12	16	24	3.53	20
H237859	5.38	0.003	<0.5	7.75	<5	940	1.9	<2	3.33	<0.5	11	16	24	3.70	20
H237860	5.26	0.001	<0.5	6.89	5	850	1.8	<2	2.97	<0.5	10	16	24	3.26	20
H237861	5.20	0.002	<0.5	7.09	<5	850	1.9	2	3.29	<0.5	11	16	16	3.40	20
H237862	5.38	0.002	<0.5	7.04	20	810	1.7	<2	3.13	<0.5	11	16	24	3.18	20
H237863	5.68	0.009	<0.5	7.12	30	870	1.8	2	3.29	<0.5	13	17	41	3.62	20
H237864	5.14	0.014	<0.5	7.55	15	880	1.7	13	3.29	<0.5	12	17	41	3.53	20
H237865	4.74	0.005	<0.5	7.25	5	940	1.7	<2	3.27	<0.5	11	17	35	3.57	20
H237866	4.50	0.002	0.5	6.95	18	840	1.6	<2	3.23	<0.5	11	17	46	3.30	20
H237867	3.98	0.004	0.5	7.06	27	790	2.1	<2	3.93	<0.5	10	14	51	3.11	20
H237868	4.70	0.001	<0.5	7.01	27	880	1.8	<2	3.57	<0.5	12	17	58	3.37	20
H237869	5.94	<0.001	<0.5	7.04	10	890	1.8	2	3.16	<0.5	11	18	57	3.34	20
H237870	4.56	<0.001	<0.5	6.89	8	870	1.8	<2	3.76	<0.5	11	15	44	3.39	20
H237871	5.84	0.001	<0.5	7.15	5	910	1.9	<2	3.31	<0.5	11	17	48	3.47	20
H237872	5.06	0.002	0.5	7.28	15	870	1.8	<2	3.53	<0.5	12	18	58	3.40	20
H237873	5.10	0.008	<0.5	7.05	8	820	1.8	7	3.10	<0.5	10	15	49	3.28	20
H237874	5.24	0.005	<0.5	7.15	<5	910	1.8	2	3.18	<0.5	11	15	53	3.31	20
H237875	4.32	<0.001	<0.5	0.08	<5	20	<0.5	<2	18.90	<0.5	2	1	<1	0.39	<10
H237876	5.02	0.002	<0.5	6.94	20	910	1.9	<2	3.13	<0.5	12	16	71	3.45	20
H237877	3.86	<0.001	0.5	7.26	23	820	1.8	<2	4.59	<0.5	12	20	39	3.15	20
H237878	4.96	0.017	<0.5	7.26	15	940	1.8	5	3.39	<0.5	12	16	71	3.51	20
H237879	5.30	0.008	<0.5	6.75	17	920	1.8	5	3.05	<0.5	11	16	71	3.24	20
H237880	5.62	0.011	<0.5	6.83	21	930	1.8	2	3.12	<0.5	12	19	75	3.49	20
H237881	4.86	0.005	0.6	6.82	36	930	1.8	<2	3.26	<0.5	10	17	70	3.46	20
H237882	1.76	0.002	<0.5	5.14	19	1960	1.3	<2	2.10	<0.5	9	68	117	2.84	10
H237883	4.54	0.008	<0.5	6.86	9	870	1.9	<2	3.31	<0.5	10	17	79	3.41	20
H237884	5.38	0.004	<0.5	6.97	13	880	1.8	<2	3.02	<0.5	11	18	55	3.30	20
H237885	5.44	0.002	<0.5	7.16	8	890	1.9	<2	3.14	<0.5	11	19	64	3.50	20
H237886	4.72	0.002	<0.5	7.05	5	900	1.8	<2	3.50	<0.5	10	17	41	3.38	20
H237887	5.04	0.002	<0.5	7.06	20	940	1.8	<2	3.18	<0.5	13	17	43	3.55	20
H237888	5.38	0.002	<0.5	7.46	<5	930	1.9	<2	3.29	<0.5	12	15	53	3.67	20
H237889	5.30	0.001	<0.5	7.32	<5	870	1.9	<2	3.02	<0.5	12	16	48	3.61	20
H237890	4.34	0.004	<0.5	7.38	<5	910	1.8	<2	3.49	<0.5	12	18	45	3.57	20
H237891	4.56	0.004	<0.5	6.83	7	890	1.7	<2	3.18	<0.5	10	17	38	3.41	20
H237892	3.14	0.004	<0.5	7.17	7	930	2.0	<2	3.27	<0.5	11	18	45	3.51	20
H237893	4.42	0.001	<0.5	7.09	12	920	1.9	<2	3.95	<0.5	9	17	39	3.39	20
H237894	5.76	0.001	<0.5	2.66	32	750	0.7	<2	0.67	<0.5	5	51	52	1.65	10
H237895	5.44	0.002	<0.5	7.03	12	890	1.9	<2	3.04	<0.5	9	19	47	3.30	20
H237896	5.38	0.003	<0.5	7.38	6	910	1.8	<2	3.63	<0.5	10	19	73	3.53	20

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To: STRATEGIC METALS LTD.
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VANCOUVER BC V6B 1L8

Project: Fairweather

Finalized Date: 9-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08113381

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
H237857		2.71	30	1.07	519	1	1.44	1	600	15	0.14	<5	11	301	<20	0.35
H237858		2.57	20	1.13	558	<1	1.47	3	630	11	0.11	<5	12	294	<20	0.37
H237859		2.64	30	1.20	598	<1	1.56	3	650	10	0.10	<5	13	312	<20	0.38
H237860		2.72	20	1.01	531	<1	1.52	2	580	12	0.09	<5	11	307	<20	0.34
H237861		2.61	30	1.08	593	<1	1.57	4	590	13	0.07	<5	12	302	<20	0.35
H237862		2.54	30	1.02	492	<1	1.40	3	550	12	0.13	<5	11	291	<20	0.33
H237863		2.66	30	1.16	539	4	1.51	2	630	10	0.20	<5	12	316	<20	0.36
H237864		2.72	30	1.15	513	1	1.47	3	610	12	0.16	<5	13	312	<20	0.36
H237865		2.57	30	1.17	542	1	1.50	3	630	8	0.15	<5	12	348	<20	0.37
H237866		2.38	30	1.36	447	1	0.73	5	600	9	0.23	<5	11	603	<20	0.33
H237867		2.36	30	1.24	402	1	0.61	3	540	45	0.24	<5	11	504	<20	0.32
H237868		2.68	30	1.06	443	1	1.20	3	590	22	0.24	<5	11	678	<20	0.34
H237869		2.72	30	1.07	449	<1	1.30	4	590	13	0.20	<5	11	523	<20	0.34
H237870		2.53	30	1.10	479	<1	1.25	4	600	7	0.17	<5	11	477	<20	0.35
H237871		2.71	30	1.11	470	1	1.37	4	610	10	0.18	<5	12	443	<20	0.36
H237872		2.65	30	1.13	446	1	1.27	2	600	9	0.20	<5	12	410	<20	0.35
H237873		2.51	20	1.27	448	1	0.99	4	570	12	0.17	<5	11	348	<20	0.34
H237874		2.69	30	1.20	431	1	1.17	4	590	10	0.21	<5	11	319	<20	0.34
H237875		0.03	10	11.90	178	<1	0.01	<1	260	2	0.02	<5	<1	51	<20	<0.01
H237876		2.69	30	1.12	441	1	1.35	3	610	11	0.27	<5	12	405	<20	0.36
H237877		2.49	30	1.25	441	1	0.63	7	570	11	0.19	<5	11	171	<20	0.34
H237878		2.79	40	1.14	444	1	1.25	2	600	13	0.25	<5	12	376	20	0.36
H237879		2.71	20	1.01	415	<1	1.33	3	570	11	0.24	<5	10	401	<20	0.34
H237880		2.70	20	1.04	448	<1	1.44	4	600	14	0.23	<5	11	464	<20	0.36
H237881		2.58	30	1.07	453	<1	1.29	2	600	12	0.23	<5	11	491	<20	0.36
H237882		2.71	30	0.92	279	2	0.70	37	420	15	0.51	<5	9	326	<20	0.29
H237883		2.55	30	1.13	441	1	1.15	2	620	10	0.26	<5	11	302	<20	0.35
H237884		2.62	30	0.98	431	<1	1.29	2	580	9	0.22	<5	11	300	<20	0.34
H237885		2.71	30	1.05	458	<1	1.42	3	620	13	0.24	<5	11	312	<20	0.35
H237886		2.66	20	1.02	468	<1	1.49	2	590	11	0.17	<5	11	318	<20	0.35
H237887		2.65	30	1.07	488	1	1.49	4	630	10	0.18	<5	11	319	<20	0.37
H237888		2.48	30	1.17	482	<1	1.47	3	750	8	0.23	<5	12	292	20	0.39
H237889		2.43	30	1.36	470	<1	0.85	2	640	11	0.23	<5	12	173	20	0.38
H237890		2.50	40	1.25	516	<1	1.13	3	630	9	0.18	<5	12	239	20	0.36
H237891		2.44	30	1.34	501	<1	1.02	3	590	10	0.19	<5	11	264	<20	0.35
H237892		2.67	30	1.18	517	1	1.33	5	630	14	0.16	<5	12	253	20	0.37
H237893		2.55	30	1.11	523	1	1.41	6	620	6	0.12	<5	12	307	20	0.36
H237894		1.31	20	0.53	170	3	0.35	26	270	3	0.15	<5	5	54	<20	0.15
H237895		2.59	30	1.05	454	1	1.46	5	610	9	0.16	<5	11	291	20	0.35
H237896		2.65	30	1.13	471	1	1.44	3	640	9	0.24	<5	12	296	20	0.38

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Sample Description	Method Analyte Units LOR	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H237857		<10	10	82	20	41
H237858		<10	<10	86	<10	38
H237859		<10	10	87	<10	40
H237860		<10	<10	78	<10	37
H237861		<10	<10	81	<10	44
H237862		<10	10	75	<10	34
H237863		<10	<10	86	10	37
H237864		<10	<10	84	20	35
H237865		<10	<10	86	<10	37
H237866		<10	<10	78	<10	33
H237867		<10	10	71	<10	29
H237868		<10	<10	76	<10	31
H237869		<10	<10	76	<10	30
H237870		<10	<10	79	<10	32
H237871		<10	<10	81	<10	32
H237872		<10	<10	78	<10	30
H237873		<10	<10	76	<10	31
H237874		<10	<10	78	<10	30
H237875		<10	10	1	<10	13
H237876		<10	<10	81	<10	31
H237877		<10	<10	75	<10	31
H237878		<10	<10	81	<10	32
H237879		<10	<10	75	<10	29
H237880		<10	10	80	<10	33
H237881		<10	<10	81	<10	33
H237882		<10	<10	160	<10	83
H237883		<10	<10	79	<10	31
H237884		<10	<10	76	<10	31
H237885		<10	10	80	<10	32
H237886		<10	10	79	<10	31
H237887		<10	10	84	<10	32
H237888		<10	<10	81	10	35
H237889		<10	<10	82	<10	33
H237890		<10	<10	83	<10	33
H237891		<10	10	80	<10	31
H237892		<10	10	85	<10	39
H237893		<10	10	82	<10	35
H237894		<10	<10	75	<10	19
H237895		<10	<10	79	<10	31
H237896		<10	10	85	<10	32

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

Project: Fairweather

Finalized Date: 9-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08113381

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
H237897		5.40	0.003	<0.5	6.91	12	880	1.9	<2	3.32	<0.5	11	20	68	3.51	20
H237898		6.24	0.004	<0.5	6.92	23	900	1.8	<2	3.06	<0.5	11	19	58	3.38	20
H237899		5.60	0.002	<0.5	6.83	7	850	1.8	<2	3.21	<0.5	9	18	52	3.27	10
H237900		4.56	<0.001	<0.5	0.08	<5	10	<0.5	<2	18.75	<0.5	<1	1	22	0.40	<10
H237901		5.28	0.004	<0.5	7.19	13	900	2.0	<2	3.53	<0.5	11	16	46	3.40	20
H237902		5.46	0.005	<0.5	7.38	10	890	1.9	<2	3.31	<0.5	10	19	56	3.49	20
H237903		5.60	0.007	<0.5	7.31	8	920	1.9	5	3.23	<0.5	10	18	47	3.53	20
H237904		7.46	0.002	<0.5	7.19	8	910	1.9	<2	3.22	<0.5	10	18	39	3.39	10

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CERTIFICATE OF ANALYSIS VA08113381

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
H237897		2.60	30	1.08	469	<1	1.48	4	620	9	0.25	<5	12	298	20	0.36
H237898		2.62	30	1.02	457	1	1.39	4	620	8	0.23	<5	11	274	<20	0.36
H237899		2.60	30	0.94	454	1	1.20	2	610	10	0.23	<5	11	233	<20	0.35
H237900		0.03	10	12.00	181	2	0.01	1	270	<2	0.01	<5	<1	49	<20	0.01
H237901		2.57	30	1.11	509	1	1.49	5	640	9	0.18	<5	12	289	<20	0.36
H237902		2.58	30	1.10	466	1	1.50	4	630	8	0.23	<5	12	288	<20	0.36
H237903		2.68	30	1.12	499	1	1.59	4	640	9	0.18	<5	12	335	20	0.37
H237904		2.72	30	1.07	497	1	1.61	4	640	8	0.15	<5	12	347	20	0.36

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Project: Fairweather

Finalized Date: 9-SEP-2008
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CERTIFICATE OF ANALYSIS VA08113381

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H237897		<10	<10	84	<10	31
H237898		<10	<10	83	<10	31
H237899		<10	10	81	10	32
H237900		<10	20	2	<10	14
H237901		<10	10	84	<10	35
H237902		<10	10	83	<10	31
H237903		<10	<10	86	<10	33
H237904		<10	10	84	<10	32

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Finalized

Finalized: 10-SEP-2008
Account: MTT

CERTIFICATE VA08112487

Project: Fairweather

P.O. No.:

This report is for 46 Soil samples submitted to our lab in Vancouver, BC, Canada on 11-AUG-2008.

The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: Fairweather

Finalized Date: 10-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08112487

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
CC41246		0.29	0.002	0.7	3.83	41	<10	1450	0.7	3	0.96	0.8	36	186	76	5.61
CC41247		0.28	0.052	0.3	5.64	16	<10	690	<0.5	2	1.13	<0.5	46	302	46	5.61
CC41454		0.21	0.011	0.3	0.70	11	<10	100	<0.5	6	0.05	0.5	3	12	39	1.25
CC41455		0.27	0.028	0.4	0.71	74	<10	130	<0.5	4	0.08	0.5	2	18	37	3.05
CC41456		0.24	0.130	1.3	1.49	73	<10	250	0.9	11	0.26	<0.5	6	29	129	4.49
CC41457		0.18	0.062	1.2	1.45	322	<10	190	0.6	14	0.16	2.1	7	21	81	3.70
CC41458		0.28	0.033	0.7	2.23	197	<10	160	1.0	7	0.11	0.8	18	31	189	6.72
CC41459		0.32	0.025	1.1	2.42	102	<10	210	1.3	6	0.14	2.9	28	32	101	5.65
CC41460		0.35	0.122	7.6	1.75	266	<10	140	1.0	15	0.11	3.8	17	28	149	8.05
CC41461		0.27	0.076	3.4	1.20	226	<10	120	0.7	15	0.19	1.3	11	21	90	5.84
CC41462		0.24	0.016	1.4	1.11	178	<10	90	0.7	3	0.10	1.0	15	15	44	4.60
CC41463		0.31	0.013	1.5	1.58	132	<10	250	1.7	5	0.52	3.4	46	23	129	6.58
CC41464		0.39	0.006	1.3	2.39	425	<10	220	1.9	8	0.15	1.7	29	28	185	9.15
CC41465		0.27	0.010	2.2	2.44	115	<10	360	1.6	4	0.09	1.0	5	29	82	9.10
CC41466		0.39	<0.001	0.2	0.12	<2	<10	10	<0.5	<2	0.03	<0.5	1	2	<1	0.26
CC41467		0.29	<0.001	<0.2	0.26	<2	<10	20	<0.5	<2	0.05	<0.5	1	2	<1	0.43
CC41468		0.28	<0.001	0.4	0.22	2	<10	20	<0.5	<2	0.03	<0.5	1	2	1	0.25
CC41469		0.25	0.024	0.6	2.24	113	<10	210	0.7	7	0.17	0.5	15	27	80	3.17
CC41470		0.26	0.001	<0.2	0.49	9	<10	40	<0.5	<2	0.07	<0.5	2	3	6	0.53
CC41471		0.26	<0.001	<0.2	0.19	3	<10	30	<0.5	<2	0.04	<0.5	2	2	1	0.40
CC41472		0.25	0.003	0.5	1.03	74	<10	80	<0.5	4	0.06	<0.5	4	10	15	1.52
CC41473		0.28	0.018	1.2	2.55	397	<10	480	0.8	20	0.19	0.8	13	14	35	2.77
CC41474		0.29	<0.001	<0.2	0.28	5	<10	20	<0.5	<2	0.10	<0.5	1	2	3	0.39
CC41475		0.26	0.006	<0.2	0.27	5	<10	20	<0.5	2	0.04	<0.5	1	3	4	0.60
CC41476		0.24	0.038	1.4	0.20	18	<10	20	<0.5	5	0.06	<0.5	2	5	9	1.26
CC41477		0.27	0.036	12.1	1.11	69	<10	70	<0.5	10	0.07	<0.5	3	22	81	3.80
CC41478		0.30	0.013	<0.2	0.31	12	<10	20	<0.5	3	0.04	<0.5	1	4	7	0.81
CC41479		0.24	0.273	1.1	0.68	30	<10	100	<0.5	27	0.49	1.0	4	12	50	4.15
CC41480		0.27	0.029	0.2	1.90	43	<10	120	1.1	6	0.08	<0.5	8	25	69	4.78
CC41481		0.24	0.014	0.2	2.16	10	<10	120	0.8	4	1.13	<0.5	15	27	56	2.57
CC41482		0.29	0.004	<0.2	0.76	10	<10	70	<0.5	<2	0.05	<0.5	4	18	17	1.65
CC41483		0.27	<0.001	0.3	5.64	21	<10	770	0.5	2	1.19	<0.5	41	331	40	5.63
CC41484		0.21	0.001	2.1	1.13	15	<10	120	<0.5	5	0.08	1.1	7	33	24	1.90
CC41485		0.31	<0.001	0.6	1.89	28	<10	160	0.5	3	0.14	0.7	10	85	16	2.57
CC41486		0.27	0.012	3.0	2.30	171	<10	150	1.1	15	0.12	0.8	14	43	56	3.27
CC41487		0.31	0.008	1.7	0.64	15	<10	70	<0.5	<2	0.09	0.8	3	9	16	0.87
CC41488		0.26	0.004	0.6	1.32	25	<10	170	0.8	7	0.14	1.4	7	16	30	1.86
CC41489		0.31	<0.001	1.6	0.28	7	<10	30	<0.5	2	0.05	<0.5	1	4	3	0.56
CC41490		0.23	0.020	0.5	0.76	5	<10	80	<0.5	10	0.24	0.7	4	9	29	2.06
CC41491		0.19	<0.001	<0.2	0.21	<2	<10	10	<0.5	<2	0.04	<0.5	1	3	1	0.47

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VANCOUVER BC V6B 1L8

Project: Fairweather

Finalized Date: 10-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08112487

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC41246		10	<1	0.58	10	2.85	941	1	0.03	148	680	121	0.14	6	7	119
CC41247		10	<1	1.52	<10	6.21	817	<1	0.04	231	580	45	0.04	5	12	117
CC41454		<10	<1	0.04	10	0.13	70	3	0.01	8	850	41	0.13	<2	<1	13
CC41455		10	<1	0.10	10	0.14	234	7	0.01	6	1080	40	0.17	2	1	19
CC41456		10	<1	0.18	30	0.38	198	20	0.04	17	3090	354	0.53	4	<1	72
CC41457		10	<1	0.10	20	0.33	687	3	0.01	15	1490	302	0.23	12	1	28
CC41458		10	<1	0.13	20	0.48	524	5	0.02	32	980	243	0.27	39	3	59
CC41459		10	<1	0.20	20	0.56	1190	3	0.01	33	1020	370	0.20	22	3	31
CC41460		<10	<1	0.15	20	0.31	1210	1	0.02	22	1040	1770	0.33	29	3	19
CC41461		<10	<1	0.10	20	0.22	667	2	0.01	30	920	440	0.13	26	1	17
CC41462		<10	<1	0.08	20	0.12	1025	1	0.01	26	1110	283	0.09	26	1	11
CC41463		<10	1	0.16	40	0.38	3420	2	<0.01	67	1070	204	0.11	43	4	29
CC41464		10	<1	0.13	30	0.50	1640	1	0.02	43	960	174	0.18	23	5	38
CC41465		10	<1	0.30	20	0.33	332	1	0.11	16	1900	324	1.00	13	2	74
CC41466		<10	<1	0.02	<10	0.01	11	<1	0.02	<1	190	<2	0.02	<2	<1	6
CC41467		<10	<1	0.02	<10	0.02	18	<1	0.02	<1	120	<2	0.02	<2	<1	9
CC41468		<10	<1	0.02	<10	0.01	13	<1	0.02	<1	230	2	0.02	<2	<1	6
CC41469		10	1	0.10	20	0.60	720	4	0.01	25	1040	235	0.07	9	3	31
CC41470		<10	<1	0.02	<10	0.05	59	<1	0.02	2	360	12	0.02	<2	<1	11
CC41471		<10	<1	0.01	<10	0.02	23	<1	0.02	1	230	6	0.02	<2	<1	8
CC41472		10	<1	0.04	10	0.17	162	1	0.01	6	410	89	0.05	3	<1	18
CC41473		10	<1	0.11	20	0.52	498	1	0.01	13	710	314	0.07	8	2	92
CC41474		<10	<1	0.02	<10	0.02	19	<1	0.02	<1	390	<2	0.01	<2	<1	10
CC41475		<10	<1	0.02	<10	0.02	23	<1	0.02	2	340	15	0.04	<2	<1	7
CC41476		<10	<1	0.03	<10	0.02	47	<1	0.01	3	640	23	0.06	2	<1	8
CC41477		10	1	0.06	10	0.08	129	3	0.01	9	1410	1025	0.21	19	<1	13
CC41478		<10	<1	0.02	<10	0.02	35	<1	0.02	2	360	15	0.04	<2	<1	7
CC41479		<10	<1	0.05	10	0.09	163	2	0.01	11	1540	47	0.22	5	<1	27
CC41480		10	<1	0.11	20	0.28	226	2	0.02	21	960	43	0.18	5	1	38
CC41481		<10	<1	0.07	10	0.58	1070	<1	0.08	29	910	23	0.11	<2	2	84
CC41482		<10	1	0.05	10	0.17	88	1	0.02	12	660	20	0.08	<2	<1	17
CC41483		20	<1	1.00	<10	6.02	844	<1	0.03	237	480	44	0.04	3	10	85
CC41484		<10	<1	0.11	10	0.33	353	1	0.02	16	630	221	0.09	5	1	12
CC41485		10	<1	0.25	10	0.87	399	<1	0.02	59	530	101	0.05	4	2	17
CC41486		10	<1	0.13	20	0.58	430	1	0.02	32	720	474	0.11	12	2	25
CC41487		<10	<1	0.03	10	0.09	142	<1	0.02	4	550	116	0.06	<2	<1	12
CC41488		<10	<1	0.08	10	0.26	226	1	0.02	15	700	63	0.09	2	1	28
CC41489		<10	<1	0.02	<10	0.04	28	<1	0.02	2	310	29	0.04	<2	<1	8
CC41490		<10	1	0.04	10	0.12	222	<1	0.02	7	610	51	0.08	<2	<1	20
CC41491		<10	<1	0.02	<10	0.02	20	<1	0.02	1	180	<2	0.01	<2	<1	8

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC41246		<20	0.25	<10	<10	95	<10	178
CC41247		<20	0.28	<10	<10	130	<10	92
CC41454		<20	0.02	<10	<10	65	<10	16
CC41455		<20	0.06	<10	<10	75	<10	24
CC41456		<20	0.01	<10	10	192	<10	40
CC41457		<20	0.03	<10	<10	59	<10	143
CC41458		<20	0.05	<10	<10	53	<10	206
CC41459		<20	0.03	<10	<10	50	<10	416
CC41460		<20	0.02	<10	<10	37	<10	744
CC41461		<20	0.01	<10	<10	36	<10	255
CC41462		<20	0.01	<10	<10	26	<10	305
CC41463		<20	0.01	<10	<10	28	<10	350
CC41464		<20	0.02	<10	<10	36	<10	364
CC41465		<20	0.03	<10	<10	30	<10	143
CC41466		<20	0.01	<10	<10	8	<10	<2
CC41467		<20	0.02	<10	<10	15	<10	3
CC41468		<20	0.01	<10	<10	7	<10	2
CC41469		<20	0.06	<10	<10	68	<10	114
CC41470		<20	0.02	<10	<10	14	<10	11
CC41471		<20	0.01	<10	<10	12	<10	4
CC41472		<20	0.03	<10	<10	34	<10	41
CC41473		<20	0.05	<10	<10	49	<10	127
CC41474		<20	0.02	<10	<10	13	<10	3
CC41475		<20	0.02	<10	<10	13	<10	10
CC41476		<20	0.01	<10	<10	22	<10	27
CC41477		<20	0.01	<10	<10	41	<10	162
CC41478		<20	0.01	<10	<10	15	<10	12
CC41479		<20	0.01	<10	<10	24	<10	62
CC41480		<20	0.03	<10	<10	47	<10	66
CC41481		<20	0.05	<10	<10	25	<10	71
CC41482		<20	0.03	<10	<10	33	<10	36
CC41483		<20	0.23	<10	<10	134	<10	116
CC41484		<20	0.05	<10	<10	33	<10	112
CC41485		<20	0.08	<10	<10	45	<10	338
CC41486		<20	0.04	<10	<10	36	<10	260
CC41487		<20	0.02	<10	<10	15	<10	42
CC41488		<20	0.03	<10	<10	22	<10	65
CC41489		<20	0.02	<10	<10	14	<10	10
CC41490		<20	0.02	<10	<10	19	<10	58
CC41491		<20	0.02	<10	<10	15	<10	5

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

Project: Fairweather

Finalized Date: 10-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08112487

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC41492		0.19	<0.001	<0.2	0.19	<2	<10	10	<0.5	<2	0.04	<0.5	1	2	3	0.50
CC41493		0.20	0.045	0.6	2.66	137	<10	260	0.8	8	0.17	0.9	8	16	41	2.34
CC41494		0.31	0.021	1.2	2.22	174	<10	190	0.7	10	0.15	0.6	8	20	39	2.32
CC41495		0.19	0.006	2.2	0.72	66	<10	60	<0.5	5	0.03	<0.5	3	9	21	1.41
CC41496		0.25	0.002	0.8	0.74	7	<10	50	<0.5	<2	0.08	<0.5	2	4	9	0.53
CC41499		0.25	0.001	0.2	0.40	6	<10	20	<0.5	<2	0.14	<0.5	1	2	6	0.39

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Project: Fairweather

Finalized Date: 10-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08112487

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC41492		<10	<1	0.02	<10	0.02	23	<1	0.02	1	160	<2	0.01	<2	<1	8
CC41493		10	<1	0.09	10	0.37	285	1	0.01	13	840	109	0.08	6	2	45
CC41494		10	<1	0.08	10	0.43	380	1	0.01	18	830	197	0.05	8	2	35
CC41495		10	<1	0.03	10	0.04	90	2	<0.01	7	430	285	0.04	70	1	13
CC41496		<10	<1	0.03	<10	0.04	39	<1	0.03	2	400	28	0.02	<2	<1	11
CC41499		<10	<1	0.02	<10	0.04	32	<1	0.02	<1	600	24	<0.01	<2	<1	11

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Finalized Date: 10-SEP-2008
Account: MTT

Project: Fairweather

CERTIFICATE OF ANALYSIS VA08112487

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Ti ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
CC41492		<20	0.02	<10	<10	17	<10	4
CC41493		<20	0.04	<10	<10	33	<10	104
CC41494		<20	0.04	<10	<10	39	<10	134
CC41495		<20	0.06	<10	<10	63	<10	63
CC41496		<20	0.03	<10	<10	14	<10	11
CC41499		<20	0.02	<10	<10	10	<10	9

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Finalized Date: 7-SEP-2008
Account: MTT

CERTIFICATE VA08112488

Project: Fairweather

P.O. No.:

This report is for 2 Rock samples submitted to our lab in Vancouver, BC, Canada on 11-AUG-2008.

The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
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-ICP61	33 element four acid ICP-AES	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: **STRATEGIC METALS LTD.**
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1016-510 W HASTINGS ST
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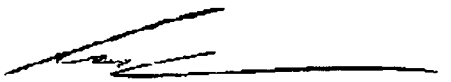
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Project: Fairweather

Finalized Date: 7-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08112488

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
H237906		1.02	0.624	<0.5	1.61	<5	50	<0.5	93	6.62	<0.5	<1	14	183	30.8	20
H237907		1.88	0.184	<0.5	0.55	<5	20	0.7	<2	0.52	<0.5	2	<1	63	>50	20

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Project: Fairweather

Finalized Date: 7-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08112488

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
H237906		0.11	<10	0.18	1685	2	0.04	<1	540	23	1.13	15	3	10	<20	0.09
H237907		0.05	<10	0.16	2240	2	0.03	<1	570	<2	0.17	23	1	2	<20	0.04

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Project: Fairweather

Finalized Date: 7-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08112488

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
H237906		<10	<10	23	<10	22
H237907		10	<10	13	<10	378

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Finalized Date: 29-SEP-2008
Account: MTT

CERTIFICATE VA08127317

Project: FAIRWEATHER

P.O. No.:

This report is for 15 Rock samples submitted to our lab in Vancouver, BC, Canada on 8-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
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	35 Element Aqua Regia ICP-AES	ICP-AES
ME-MS61	48 element four acid ICP-MS	
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: **STRATEGIC METALS LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: FAIRWEATHER

Finalized Date: 29-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08127317

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
G004451		2.46	0.01	<0.2	2.99	14	<10	150	1.0	<2	2.34	<0.5	11	34	49	3.61
G004452		2.74	1.61	0.4	1.03	6	<10	80	0.5	84	1.16	<0.5	18	13	80	8.66
G004453		2.26	0.83	0.2	2.32	6	<10	150	0.6	58	0.73	<0.5	22	39	153	9.28
G004454		2.12	0.95	0.4	1.83	8	<10	100	0.5	86	0.78	<0.5	19	27	191	19.1
G004455		1.68	0.24	0.6	1.20	<2	<10	20	<0.5	36	2.60	<0.5	155	9	1205	20.4
G004456		1.54	4.36	0.8	0.76	<2	<10	30	<0.5	425	2.52	<0.5	6	14	205	30.9
G004457		1.96	2.64	1.2	0.41	<2	<10	20	0.6	445	1.13	<0.5	<1	<1	135	48.8
G004458		2.04	0.31	0.6	1.12	<2	<10	140	<0.5	63	1.99	<0.5	24	<1	184	34.2
G004459		2.56	0.74	0.5	1.44	<2	<10	50	<0.5	81	3.25	<0.5	10	4	152	18.4
G004460		2.54	1.80	0.8	0.89	9	<10	40	<0.5	193	2.20	<0.5	6	5	132	22.7
G004461		1.04	0.74	0.9	0.62	5	<10	10	<0.5	60	2.13	<0.5	280	<1	1775	33.5
G004462		1.02	0.62	0.4	0.98	<2	<10	50	<0.5	32	6.03	<0.5	6	4	126	14.2
G004463		1.14	0.02	0.2	0.69	<2	<10	<10	<0.5	5	5.17	<0.5	49	5	293	9.72
G004464		0.74	0.02	0.4	0.41	8	<10	<10	<0.5	18	4.49	<0.5	84	<1	401	14.8
G004465		1.42	0.01	<0.2	2.05	<2	<10	50	0.7	4	3.24	<0.5	8	14	115	8.65

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

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Project: FAIRWEATHER

Finalized Date: 29-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08127317

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G004451		10	<1	0.31	30	0.69	963	<1	0.15	26	640	11	0.31	<2	5	95
G004452		<10	<1	0.12	10	0.29	1575	<1	0.03	13	430	19	0.11	2	3	14
G004453		10	1	0.39	20	0.73	652	<1	0.08	21	750	10	0.21	2	6	53
G004454		10	<1	0.36	10	0.60	797	<1	0.04	19	540	13	0.13	<2	5	53
G004455		<10	<1	0.03	10	0.20	1030	<1	0.02	27	500	16	>10.0	<2	3	6
G004456		10	<1	0.06	<10	0.08	1355	<1	0.03	<1	720	3	0.38	3	2	<1
G004457		<10	<1	0.03	10	0.06	1470	<1	0.02	<1	2500	<2	0.24	<2	1	<1
G004458		10	1	0.08	10	0.16	2000	<1	<0.01	3	770	3	0.26	<2	1	4
G004459		10	<1	0.10	10	0.23	1510	<1	0.06	3	1020	12	0.36	<2	1	7
G004460		<10	<1	0.07	10	0.16	1205	<1	0.02	1	2030	29	0.27	<2	1	6
G004461		<10	<1	0.01	<10	0.03	571	<1	0.02	38	220	15	>10.0	<2	1	<1
G004462		10	<1	0.07	10	0.07	1475	<1	0.02	<1	1030	5	0.47	<2	1	3
G004463		<10	<1	<0.01	20	0.50	1010	<1	0.01	23	730	8	5.30	<2	<1	32
G004464		<10	<1	<0.01	10	0.35	616	<1	0.01	85	680	12	6.79	<2	<1	26
G004465		<10	<1	0.05	20	0.26	922	<1	0.07	8	580	7	0.39	<2	2	58

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

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Project: FAIRWEATHER

Finalized Date: 29-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08127317

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Al	As	Ba	Be	Bi	Ca	Cd
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	20	0.01	10	10	1	10	2	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02
G004451		<20	0.11	<10	<10	42	<10	41	0.07	8.03	13.8	1190	2.36	1.55	7.77	0.27
G004452		<20	0.03	<10	<10	19	<10	43	0.43	2.92	8.5	440	1.13	77.8	4.33	0.18
G004453		<20	0.09	<10	<10	47	<10	39	0.17	6.16	8.6	970	1.34	50.3	1.72	0.17
G004454		<20	0.07	<10	<10	40	<10	43	0.34	5.19	11.1	830	1.28	73	1.71	0.05
G004455		<20	0.05	<10	<10	14	<10	36	0.37	3.43	2.4	60	0.33	27.3	8.39	0.58
G004456		<20	0.04	<10	<10	14	<10	39	0.57	1.91	2.4	40	0.34	376	6.74	<0.02
G004457		<20	0.02	<10	<10	10	<10	56	0.66	0.76	0.8	30	0.67	407	2.27	<0.02
G004458		<20	0.03	<10	<10	12	<10	67	0.23	1.98	0.5	120	0.34	50.7	5.69	0.12
G004459		<20	0.05	<10	<10	15	<10	49	0.36	2.79	2.1	100	0.63	67.9	7.88	0.18
G004460		<20	0.03	<10	<10	13	10	43	0.72	2.42	10	210	0.8	190	5.09	0.07
G004461		<20	0.02	<10	<10	6	<10	14	0.77	1.51	4	20	0.17	57.7	5.94	0.17
G004462		<20	0.03	<10	<10	10	40	8	0.2	1.64	<0.2	10	1.07	4.49	9.19	0.03
G004463		<20	0.02	<10	<10	10	<10	19	0.23	1.73	<0.2	10	1.18	4.74	9.68	<0.02
G004464		<20	0.02	<10	<10	4	<10	13	0.25	0.78	8	10	1.11	15.2	11	0.08
G004465		<20	0.09	<10	<10	19	<10	27	0.13	6.49	9	320	1.7	3.41	10.95	0.57

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

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VANCOUVER BC V6B 1L8

Project: FAIRWEATHER

Finalized Date: 29-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08127317

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
G004451		224	17.4	64	3.37	51.6	7.23	22.2	0.22	3.1	1.6	2.24	155	37.7	1.55	2890
G004452		71	24.4	22	2.78	79.4	12.7	9.71	0.2	0.9	1.485	1	41.6	16.3	0.59	3870
G004453		76.9	24.3	60	5.09	142.5	10.45	17.95	0.2	2.1	0.869	2.24	37.5	36.1	1.07	1020
G004454		63.9	23.5	39	5.28	176	20.5	17.45	0.29	1.5	1.005	2.03	29.3	26.1	0.8	1260
G004455		178.5	141	21	0.61	1150	23.1	11.4	0.36	1	3.94	0.11	117.5	5.6	0.64	2730
G004456		27.2	18.9	11	1.24	186.5	40.1	13.15	2.97	0.9	3.11	0.18	9.8	1.5	0.36	3020
G004457		36	15.6	<1	0.89	112.5	>50	11.15	2.32	0.3	1.62	0.07	18.5	1.1	0.27	2720
G004458		45.8	31.8	<1	3.46	142	40.9	11.65	2.45	0.5	2.7	0.18	15.4	2.9	0.38	3400
G004459		50.5	17.5	8	1.15	137	22.4	10.85	0.31	0.9	2.39	0.33	23.4	6.7	0.89	3180
G004460		69.3	15.7	14	1.45	128.5	29.5	12.15	0.42	1	2.83	0.54	38.8	8.2	0.65	2460
G004461		79.5	308	1	0.53	1890	39.7	7.52	0.56	0.4	2.25	0.03	46.1	1.3	0.2	1780
G004462		242	53.8	16	0.14	262	15.05	10.55	0.35	1.5	1.96	0.04	155	7.5	2.41	2870
G004463		271	58	15	0.15	273	15.8	11.55	0.38	1.6	2.12	0.04	171.5	8.7	2.55	3030
G004464		55	87.3	7	0.1	392	19.3	5.29	0.3	1	0.747	0.02	32	9.2	3.46	2650
G004465		359	15.6	49	1.1	113	15.45	20.6	0.38	2.5	5.98	0.4	254	17.4	1.1	3380

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Project: FAIRWEATHER

Finalized Date: 29-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08127317

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05
G004451		2.26	0.96	12.7	33.6	740	11.8	82.6	<0.002	0.31	4.67	15.1	3	78.7	286	0.93
G004452		0.78	0.18	4.9	17.3	440	19	46.5	<0.002	0.17	4.39	5.9	2	37.2	46.4	0.34
G004453		0.99	0.63	9.1	23.4	800	11.3	85.6	<0.002	0.22	2.55	11.7	3	27.5	136.5	0.65
G004454		0.66	0.4	9	22.3	550	18	86	<0.002	0.11	5.08	9.3	4	36.4	118.5	0.57
G004455		0.29	0.06	5.3	25.1	510	17	2.6	<0.002	9.05	5.39	5.5	16	188	51.3	0.34
G004456		0.61	0.09	4.4	2.3	690	12	3.1	<0.002	0.39	2.29	3.2	6	130.5	4.8	0.28
G004457		0.43	0.03	3.1	2.1	2340	4.9	1.7	<0.002	0.22	4.6	0.9	5	73.2	4.3	0.12
G004458		0.31	0.09	11.5	7	620	12.5	4.6	<0.002	0.2	4.6	1.2	4	130.5	7.3	0.29
G004459		0.42	0.14	10.6	5.5	990	14.9	10.5	<0.002	0.34	4.59	2.7	6	111	20	0.35
G004460		0.74	0.12	6.5	6	2130	37.4	26.5	<0.002	0.27	4.79	2.9	6	95.7	21	0.27
G004461		0.7	0.01	2.7	48.9	250	31.8	1	0.006	>10.0	1.25	1.7	17	89.2	2.5	0.13
G004462		0.09	0.05	2.9	23.8	670	9.2	0.6	0.004	4.52	7.09	3.3	6	76.6	56.3	0.19
G004463		0.1	0.05	3.1	27.5	700	9.8	0.7	0.004	4.78	7.73	3.6	6	83.9	61.3	0.2
G004464		0.36	0.04	2.6	86.1	660	14.2	0.4	0.021	6.78	4.47	2.1	12	15.7	34.2	0.18
G004465		0.47	0.31	14.1	14.3	640	9.3	17	<0.002	0.43	11.5	10.6	5	276	222	0.89

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Finalized Date: 29-SEP-2008
Account: MTT

Project: FAIRWEATHER

CERTIFICATE OF ANALYSIS VA08127317

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1	2	0.5
G004451		0.09	15.7	0.369	0.57	4.4	98	1.3	29.5	66	101.5
G004452		2.8	6	0.129	0.37	1.9	35	1.4	9	93	27.8
G004453		1.33	12.4	0.309	0.59	2.5	82	1.9	18	60	67.3
G004454		1.59	10.7	0.243	0.58	2.2	63	3.4	13.3	110	51.4
G004455		1.6	5.3	0.147	0.06	4.2	32	2.9	15.8	49	31.2
G004456		7.08	4.2	0.093	0.04	3	19	2	13.1	205	33.7
G004457		5.89	7	0.041	0.03	2.7	10	0.8	5.9	360	12
G004458		0.72	5.5	0.079	0.09	4.1	19	7.2	8.3	231	23.9
G004459		1.35	8	0.117	0.11	4	27	1.3	7.5	121	38.8
G004460		3.14	10.2	0.1	0.22	4.7	26	8.2	7.1	136	36.8
G004461		4.92	2.4	0.043	0.03	4.3	11	4.9	15.5	20	16.2
G004462		0.41	4	0.091	<0.02	6.4	43	0.7	17.5	52	55.6
G004463		0.47	4.3	0.098	<0.02	6.9	45	0.7	19.3	56	54.5
G004464		1.09	2.5	0.065	<0.02	2.2	37	0.8	5.8	52	35.9
G004465		0.14	10.5	0.325	0.13	4.3	75	1.4	29.7	62	73

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Project: FAIRWEATHER

: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 29-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08127317

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 29-SEP-2008
Account: MTT

CERTIFICATE VA08127318

Project: FAIRWEATHER

P.O. No.:

This report is for 25 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 8-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: FAIRWEATHER

Finalized Date: 29-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08127318

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC49801		0.20	0.025	0.6	3.12	385	<10	160	1.5	5	0.14	<0.5	18	42	117	7.28
CC49802		0.14	0.010	1.2	1.58	369	<10	170	1.1	9	0.28	0.8	12	27	112	4.72
CC49803		0.22	0.060	3.4	3.19	140	<10	240	1.7	22	0.27	1.9	81	27	384	15.7
CC49804		0.20	0.052	10.5	1.75	1515	<10	110	1.0	80	0.24	1.0	17	23	164	15.1
CC49805		0.16	0.028	4.4	1.16	671	<10	110	0.7	12	0.13	0.8	10	15	54	3.51
CC49806		0.22	0.328	2.1	2.35	77	<10	150	1.3	46	1.29	1.0	37	27	212	11.60
CC49807		0.22	0.533	1.6	1.97	44	<10	60	1.0	64	1.55	0.7	45	21	264	15.0
CC49808		0.28	2.62	3.2	1.64	77	<10	90	0.9	490	0.75	<0.5	25	20	287	24.7
CC49809		0.14	0.140	<0.2	0.26	74	<10	80	1.6	7	0.04	1.1	26	26	92	1.79
CC49810		0.12	0.056	<0.2	0.12	45	<10	20	0.5	2	<0.01	<0.5	6	16	44	0.38
CC49811		0.22	0.067	0.3	3.14	37	<10	320	2.0	13	0.33	<0.5	37	32	104	6.25
CC49812		0.18	0.786	2.2	1.02	443	<10	80	0.8	108	0.85	1.1	13	15	200	10.45
CC49813		0.16	2.29	1.7	1.59	36	<10	100	0.8	294	0.80	<0.5	12	19	298	18.4
CC49814		0.34	0.741	1.8	2.39	99	<10	100	1.1	119	0.54	0.5	29	27	227	16.3
CC49815		0.20	0.187	2.8	2.18	842	<10	150	1.4	33	0.25	2.1	30	33	143	7.48
CC49816		0.22	0.064	1.1	1.98	151	<10	190	1.0	10	0.19	2.4	20	33	94	4.73
CC49817		0.22	0.016	<0.2	2.59	72	<10	100	1.0	4	0.71	<0.5	39	48	51	2.26
CC49818		0.30	0.102	0.4	1.80	218	<10	110	1.4	13	0.11	<0.5	32	29	100	4.70
CC49819		0.20	0.101	0.3	2.00	63	<10	130	1.0	26	0.16	<0.5	24	48	97	6.31
CC49820		0.20	0.343	0.8	1.72	56	<10	100	0.7	56	0.25	<0.5	10	21	103	7.59
CC49821		0.32	0.124	0.5	2.51	51	<10	210	2.3	24	0.23	1.2	39	32	128	6.80
CC49822		0.14	0.048	0.4	1.14	54	<10	90	0.5	17	0.14	1.0	4	19	41	3.39
CC49823		0.24	0.019	0.4	1.79	61	<10	130	1.1	5	0.09	0.9	18	28	78	4.59
CC49824		0.22	0.127	1.2	2.40	97	<10	170	1.5	29	0.20	3.4	27	31	96	5.53
CC49825		0.24	0.074	2.3	2.03	325	<10	130	1.1	18	0.13	2.2	22	31	114	5.80

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Project: FAIRWEATHER

Finalized Date: 29-SEP-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08127318

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC49801		10	1	0.22	20	0.80	445	1	0.02	31	1150	73	0.33	8	5	39
CC49802		10	<1	0.14	20	0.34	440	1	<0.01	25	1020	151	0.14	8	1	37
CC49803		10	<1	0.10	40	0.56	1955	5	<0.01	68	1190	361	0.22	13	6	55
CC49804		10	1	0.09	20	0.35	649	2	<0.01	25	980	654	0.19	45	3	42
CC49805		<10	1	0.08	20	0.23	442	1	<0.01	16	610	453	0.07	36	1	15
CC49806		10	<1	0.13	30	0.56	1425	1	<0.01	31	900	156	0.09	23	5	28
CC49807		10	<1	0.09	30	0.41	1960	<1	<0.01	27	660	119	0.06	27	6	18
CC49808		10	<1	0.12	10	0.38	1075	1	<0.01	17	1460	208	0.41	2	4	16
CC49809		<10	<1	0.11	<10	0.20	294	<1	<0.01	39	340	21	0.01	2	1	14
CC49810		<10	<1	0.04	<10	0.02	65	<1	<0.01	12	150	7	<0.01	<2	<1	3
CC49811		10	1	0.19	30	0.73	505	1	<0.01	45	730	30	0.18	5	3	136
CC49812		10	<1	0.12	20	0.13	557	1	<0.01	18	980	459	0.18	5	1	18
CC49813		10	<1	0.09	20	0.24	628	1	<0.01	15	1250	99	0.09	7	2	36
CC49814		10	<1	0.15	20	0.66	999	2	<0.01	34	1400	148	0.18	10	5	57
CC49815		10	<1	0.12	30	0.55	965	3	<0.01	37	1040	585	0.11	33	4	36
CC49816		10	<1	0.09	20	0.44	1105	1	<0.01	28	900	338	0.05	38	2	20
CC49817		10	<1	0.10	10	1.06	740	1	<0.01	43	200	72	<0.01	37	4	40
CC49818		<10	1	0.10	20	0.37	515	2	<0.01	52	640	90	0.10	12	2	32
CC49819		10	<1	0.09	20	0.50	612	2	<0.01	43	810	72	0.05	8	3	99
CC49820		10	<1	0.09	10	0.33	469	1	<0.01	18	1080	86	0.10	9	2	31
CC49821		10	<1	0.10	30	0.60	974	3	<0.01	53	730	94	0.12	8	4	106
CC49822		10	<1	0.04	10	0.10	149	1	<0.01	12	1680	64	0.14	5	<1	17
CC49823		10	1	0.07	20	0.39	350	2	<0.01	36	520	108	0.07	9	2	33
CC49824		10	<1	0.09	20	0.39	1370	1	<0.01	32	1340	241	0.11	14	2	25
CC49825		10	<1	0.08	20	0.38	1465	1	<0.01	31	1000	484	0.10	20	2	17

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CERTIFICATE OF ANALYSIS VA08127318

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC49801		<20	0.05	<10	<10	48	<10	115
CC49802		<20	0.03	<10	<10	40	<10	164
CC49803		<20	0.04	<10	<10	35	<10	356
CC49804		<20	0.02	<10	<10	37	20	193
CC49805		<20	0.02	<10	<10	30	<10	162
CC49806		<20	0.02	<10	<10	40	<10	186
CC49807		<20	0.02	<10	<10	38	<10	175
CC49808		<20	0.03	<10	<10	28	<10	127
CC49809		<20	0.03	<10	<10	30	<10	106
CC49810		<20	0.01	<10	<10	26	<10	63
CC49811		<20	0.01	<10	<10	35	<10	46
CC49812		<20	0.01	<10	<10	17	10	280
CC49813		<20	0.02	<10	<10	28	<10	134
CC49814		<20	0.03	<10	<10	41	<10	147
CC49815		<20	0.01	<10	<10	37	<10	352
CC49816		<20	0.01	<10	<10	40	<10	346
CC49817		<20	0.01	<10	<10	42	<10	110
CC49818		<20	0.02	<10	<10	46	<10	137
CC49819		<20	0.04	<10	<10	59	<10	113
CC49820		<20	0.03	<10	<10	32	<10	96
CC49821		<20	0.02	<10	<10	41	<10	142
CC49822		<20	0.01	<10	<10	41	<10	96
CC49823		<20	0.02	<10	<10	42	<10	242
CC49824		<20	0.03	<10	<10	42	<10	270
CC49825		<20	0.02	<10	<10	40	<10	382

APPENDIX IV

ROCK SAMPLE DESCRIPTIONS

Rock Sample Descriptions Project: Fairweather Property: PDM

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
C107401	UTM:	6970439	E	UTM:	365460	N	Specimen	2x 6x11x3 cm
	Elevation:		m				Sample Width:	Abundance:

Comments: Medium to coarse grained equigranular granodiorite. 30% quartz, 50% plagioclase 7 % biotite 13% horneblende with trace disseminated pyrrhotite.
Fair 08-01 Very strong purple/brown stain with minor 1 mm by 1mm sulphide casts and quartz in filling (1-2 mm) along on fracture plane.

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
C107402	UTM:	6970572	E	UTM:	365636	N	Specimen	14x13x4 cm
	Elevation:		m				Sample Width:	Abundance:

Comments: Medium grained equigranular granodiorite. 30% quartz, 50% plagioclase 9% biotite 11% horneblende. 1% disseminated pyrrhotite with trace
Fair 08-02 chalcopyrite. One face has 1-2 mm fracture fill vein with 15% chalcopyrite. Another face has dark brown limonite coating.

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
C107403	UTM:	6971276	E	UTM:	366501	N	Specimen	9x15x2 cm
	Elevation:		m				Sample Width:	Abundance:

Comments: Medium grained equigranular 30% quartz 50% plagioclase 7 % biotite 13% horneblende with 1 mm thick quartz infill. One side has 5% chalcopyrite with
Fair 08-03 weak brown limonization. Other side has no quartz infill but 13% chalcopyrite smeered thinly on fracture with medium to dark limoniation as well.

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
C107404	UTM:	6970274	E	UTM:	364683	N	Specimen	9x15x2 cm
	Elevation:		m				Sample Width:	Abundance:

Comments: Meta-conglomerate (hornfelsed) poorly sorted with elongated clasts up to 7 mm by 3 cm; largely medium grey cherty siltstone with trace disseminated
Fair 08-04 pyrite and dark brown limonite coat on surface.

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
C107405	UTM:	6970310	E	UTM:	364612	N	Specimen	6x8x2 cm
	Elevation:		m				Sample Width:	Abundance:

Comments: White to very light grey quartz vein float
Fair 08-07

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
C107406	UTM:	6970322	E	UTM:	364606	N	Specimen	18x10x4.5 cm
	Elevation:		m				Sample Width:	Abundance:

Comments: Medium to coarse grained equigranular 30% quartz 50% plagioclase 7% biotite 13% horneblende. Fractures 4.5 cm apart contain either purple to black
Fair 08-07 oxide mineral and sulphide casts or medium brown limonite on other fracture ~10% limonite along fracture sthrough-out rock.

Rock Sample Descriptions Project: Fairweather Property: PDM

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
C107407	UTM:		E	UTM:		N	Specimen	9x9x16 cm
	Elevation:		m	Sample Width:			Abundance:	

Comments: fine grained quartz flooded sedimentary rock with 10% thin dark grey/black stringers with minor limonite stain on fractures and ~1% very fine grained sulphide

Fair 08-08

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
C107408	UTM:	6969009	E	UTM:	363574	N	Specimen	7x9x8 cm
	Elevation:		m	Sample Width:			Abundance:	

Comments: very heavily limonized rock, with medium brown to purple limonite. Protolith indistinguishable.

Fair 08-09

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
C107409	UTM:	6969038	E	UTM:	363789	N	Specimen	10x11x7 cm x2
	Elevation:		m	Sample Width:			Abundance:	

Comments: Hornfelsed cherty siltstone with ~18% quartz stringers up to 3mm wide with minor <1mm sulphide casts.

Fair 08-10

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
C107410	UTM:	6968875	E	UTM:	363684	N	Specimen	several 4x3x1 cm
	Elevation:		m	Sample Width:			Abundance:	

Comments: Cherty siltstone (Canol formation) with dark brown rusty weathering on fractures.

Fair 08-11

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
C107411	UTM:	6968888	E	UTM:	362818	N	Specimen	10x5x9 cm
	Elevation:		m	Sample Width:			Abundance:	

Comments: Dark green fine grained (skarn?) with minor quartz vein.

Fair 08-12

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
C107412	UTM:	6968872	E	UTM:	362768	N	Specimen	10x8x5 cm
	Elevation:		m	Sample Width:			Abundance:	

Comments: Dark brown-purple heavily limonized rock with ~2% sulphide casts; believed to be from reaction rim of "skarn"

Fair 08-13

Rock Sample Descriptions Project: Fairweather Property: PDM

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
C107413	UTM:	6968872	E	UTM:	362768	N	Specimen	14x7x5 cm
	Elevation:		m				Sample Width:	Abundance:

Comments: medium purple meta-intrusive (endoskarn?) with ~20% quartz phenocrysts 1x2 mm and 3% horneblende in fine grained matrix with 1% fine grained disseminated sulphide.

Fair 08-14

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
C107414	UTM:	6968632	E	UTM:	362558	N	Specimen	several 5x6x4 cm
	Elevation:		m				Sample Width:	Abundance:

Comments: Hornefelsed cherty siltstone with metalic looking purple/grey coating on fractures

Fair 08-15

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
C107415	UTM:	6968576	E	UTM:	362688	N	Specimen	7x4x3 cm
	Elevation:		m				Sample Width:	Abundance:

Comments: Medium brown limonite with ~5% void space with rims of white mineral

Fair 08-16

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
C107416	UTM:	6968675	E	UTM:	362638	N	Specimen	16x7x4 cm x2
	Elevation:		m				Sample Width:	Abundance:

Comments: Dark grey cherty siltstone with medium brown limonite weathering on fractures and trace disseminated pyrite (v fine grained)

Fair 08-101

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
C107417	UTM:	6968651	E	UTM:	362782	N	Specimen	2x2x5 cm x3
	Elevation:		m				Sample Width:	Abundance:

Comments: Dark grey cherty siltstone with dark brown to purple limonite weathering on fractures

Fair 08-103

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
B374555	UTM:	6968695	E	UTM:	362484	N	Specimen	10x8x6 cm across and 50 cm int.
	Elevation:		m				Sample Width:	Abundance:

Comments: 10-20% pyrrhotite occuring as large platey crystals along fractures in siliceous country rock. Fractures also contain dark purple stain and minor chalcopyrite, malicite and azurite.

Rock Sample Descriptions Project: Fairweather Property: PDM

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
B374556	UTM:	6968695	E	UTM:	362484	N	Sample Width: 10 cm	Abundance:
	Elevation:		m					

Comments: Extremely limonized rock with indeterminalbe protolith. Void space (weathered sulphides?) abundant and up to 1.5 cm in diameter. Crumbles easily when struck by hammer.

Sample Number:	Grid North:		E	Grid East:		N	Type: Float Spec.	Dimension: 3x10x10 cm
B374557	UTM:	6971512	E	UTM:	366582	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: ~35% quartz, 53% plagioclase, 5% biotite, 7% horneblende and 1% disseminated pyrrhotite (usually associated with hornblende) and dark brown oxides on fractures (fractures 5 cm apart) +/- chalcopyrite, +/- arsenopyrite.

Sample Number:	Grid North:		E	Grid East:		N	Type: Specimen	Dimension: 8x15x10 cm
B374558	UTM:	6971694	E	UTM:	366654	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: ~35% quartz, 53% plagioclase, 5% biotite and 7% horneblende. ~1% disseminated pyrrhotite trace chalcopyrite. Chalcopyrite and forms thin coat along one fracture; other fracture in sample is coated with dark brown limonite

Sample Number:	Grid North:		E	Grid East:		N	Type: Specimen	Dimension: 5x10x10 cm
B374559	UTM:	6971785	E	UTM:	366803	N	Sample Width: 5 cm	Abundance: Veins similar to this occur every ~1-m
	Elevation:		m					

Comments: White, sugary textured quartz vein with minor vugs of limonite ond trace fine grained grey metallic sulphide

Sample Number:	Grid North:		E	Grid East:		N	Type: Specimen	Dimension: 5x8x4 cm
B374560	UTM:	6972032	E	UTM:	366794	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: Light green siltstone with 20% white lamminae (quartz flooding?) strong dark brown limonization on fractures.

Sample Number:	Grid North:		E	Grid East:		N	Type: Specimen	Dimension: 2x3x8 cm
B374561	UTM:	6972098	E	UTM:	366896	N	Sample Width:	Abundance: only rock type in 20 m band
	Elevation:		m					

Comments: Dark grey banded siltstone with trace fine grained sulphides? Along some of the bands.

Rock Sample Descriptions Project: Fairweather Property: PDM

Sample Number:	Grid North:		E	Grid East: 0-2m	N	Type: Chip	Dimension:
H237501	UTM:	6970254	E	UTM: 365329	N	Sample Width: 2 m	Abundance:
	Elevation:		m				

Comments: ~35% quartz, 53% plagioclase, 5% biotite, 7% hornblende. 0.5-1% fine grained disseminated pyrrhotite and trace chalcopyrite. Fractures contain dark medium brown stain.

Sample Number:	Grid North:		E	Grid East: 2-4 m	N	Type: Chip	Dimension:
H237502	UTM:		E	UTM:	N	Sample Width: 2 m	Abundance:
	Elevation:		m				

Comments: ~35% quartz, 53% plagioclase, 5% biotite, 7% hornblende. 0.5-1% fine grained disseminated pyrrhotite and trace chalcopyrite. Fractures contain dark medium brown stain.

Sample Number:	Grid North:		E	Grid East:	N	Type: Chip	Dimension:
H237503	UTM:		E	UTM: 4-6 m	N	Sample Width: 2 m	Abundance:
	Elevation:		m				

Comments: ~35% quartz, 53% plagioclase, 5% biotite, 7% hornblende. 0.5-1% fine grained disseminated pyrrhotite and trace chalcopyrite. Fractures contain dark medium brown stain.

Sample Number:	Grid North:		E	Grid East: 6-8 m	N	Type: Chip	Dimension:
H237504	UTM:		E	UTM:	N	Sample Width: 2 m	Abundance:
	Elevation:		m				

Comments: ~35% quartz, 53% plagioclase, 5% biotite, 7% hornblende. 0.5-1% fine grained disseminated pyrrhotite and trace chalcopyrite. Fractures contain dark medium brown stain.

Sample Number:	Grid North:		E	Grid East:	N	Type: Chip	Dimension:
H237505	UTM:	6970285	E	UTM: 365314	N	Sample Width: 2 m	Abundance:
	Elevation:		m				

Comments: ~35% quartz, 53% plagioclase, 5% biotite, 7% hornblende. 0.5-1% fine grained disseminated pyrrhotite and trace chalcopyrite. Fractures contain dark medium brown stain.

Sample Number:	Grid North:		E	Grid East:	N	Type: Chip	Dimension:
H237506	UTM:	6970292	E	UTM: 365321	N	Sample Width: 3 m	Abundance:
	Elevation:		m				

Comments: ~35% quartz, 53% plagioclase, 5% biotite, 7% hornblende. 0.5-1% fine grained disseminated pyrrhotite and trace chalcopyrite. Fractures contain dark medium brown stain.

Rock Sample Descriptions Project: Fairweather Property: PDM

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
B374562	UTM:	6971803	E	UTM:	366364	N	Specimen	8x3x4 cm
	Elevation:		m	Sample Width:			Abundance:	

Comments: Sugary 3 cm thick quartz vein with 1-2 mm diameter quartz grains within fine grained medium grey country rock. No visible alteration of country rock. Very minor limonite specks in vein. ~50% country rock and 50% vein.

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
B374563	UTM:	6971841	E	UTM:	366400	N	Specimen	5x3x12 cm
	Elevation:		m	Sample Width:			Abundance:	

Comments: Very silicified Dme cherty siltstone with dark brown/purple limonite on fractures (fluid conduit?) Zone 2-3 m thick.

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
B374564	UTM:	6971892	E	UTM:	366445	N	Specimen	
	Elevation:		m	Sample Width:			Abundance:	rare

Comments: White light rock; possibly milky quartz calcite vein with calcite weathered out? Very strong purple stainon fractures.

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
B374565	UTM:	6972039	E	UTM:	366551	N	Specimen	3x4x7 cm
	Elevation:		m	Sample Width:			Abundance:	

Comments: Sugary marble with 20% wispy calcareous black layers. Very fetid when broken

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
B374566	UTM:	6972067	E	UTM:	366578	N	Specimen	4x5x11 cm
	Elevation:		m	Sample Width:			Abundance:	

Comments: 2.5 cm wide comb texture quartz vein with crystals up to 1 cm long with minor goethite and jarosite stain in country granodiorite

Sample Number:	Grid North:		E	Grid East:		N	Type:	Dimension:
H237906	UTM:	6968759	E	UTM:	362624	N	Specimen	5x6x4 cm
	Elevation:		m	Sample Width:			Abundance:	

Comments: Medium brown intensely limonized rock (weathered skarn?) degree of limonization makes protolith indeterminable. Occurs across ~0.5 m (at least before FW08-802

Rock Sample Descriptions Project: Fairweather Property: PDM

Sample Number:	Grid North:		E	Grid East:		N	Type:	Specimen	Dimension:	5x7x3 cm
H237907	UTM:	6968759	E	UTM:	362624	N	Sample Width:		Abundance:	
	Elevation:		m							

Comments: Same as above from slightly uphill.

FW08-801

APPENDIX V

R VALUES FOR SOIL AND ROCK SAMPLES

Fairweather Soil Correlation Coefficient Table

	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
Au- R-value		0.07	-0.03	-0.01		-0.07	0.01	0.88	0.36	-0.02	0.01	-0.06	0.50	0.74	0.33	0.02	-0.06	-0.01	-0.06	0.02	-0.07	-0.10	-0.08	0.11	-0.01	0.07	-0.02	0.02	-0.04		-0.05		0.79	-0.10	0.01	-0.02
Ag- R-value	0.07		0.06	0.53		0.02	0.12	0.17	0.02	0.33	0.05	-0.06	0.34	0.32	0.18	0.03	-0.02	0.18	-0.06	0.11	0.03	-0.07	-0.05	0.18	0.82	0.26	0.52	0.13	-0.04		-0.02		0.01	-0.01	0.43	0.42
Al- R-value	-0.03	0.06		0.07		0.74	0.37	-0.02	0.66	0.04	0.70	0.84	0.26	0.33	0.67	0.30	0.81	0.19	0.86	0.26	0.01	0.36	0.88	0.04	0.13	0.11	0.09	0.89	0.47		0.81		-0.01	0.70	-0.01	0.13
As- R-value	-0.01	0.53	0.07			-0.07	0.20	0.09	-0.05	-0.01	0.06	-0.09	0.28	0.26	0.14	-0.03	-0.09	0.26	-0.09	0.02	-0.01	-0.19	-0.07	0.09	0.37	0.16	0.49	0.06	-0.02		-0.11		-0.04	-0.04	0.71	0.06
B- R-value																																				
Ba- R-value	-0.07	0.02	0.74	-0.07			0.07	-0.10	0.61	0.01	0.52	0.75	0.04	0.12	0.44	0.31	0.73	-0.02	0.78	0.22	0.04	0.52	0.79	0.04	0.09	0.03	-0.07	0.70	0.54		0.86		-0.02	0.63	-0.04	0.09
Be- R-value	0.01	0.12	0.37	0.20		0.07		0.05	0.05	0.19	0.60	-0.03	0.55	0.37	0.32	0.13	0.09	0.65	-0.02	0.42	0.19	-0.15	0.15	0.26	0.22	0.33	0.28	0.33	0.17		-0.08		0.01	0.12	0.03	0.27
Bi- R-value	0.88	0.17	-0.02	0.09		-0.10	0.05		0.36	-0.03	0.05	-0.08	0.60	0.83	0.30	-0.06	-0.08	0.03	-0.08	0.03	-0.09	-0.15	-0.09	0.15	0.03	0.14	0.01	0.06	-0.03		-0.08		0.54	-0.12	0.11	-0.02
Ca- R-value	0.36	0.02	0.66	-0.05		0.61	0.05	0.36		0.00	0.49	0.69	0.30	0.51	0.48	0.19	0.59	-0.01	0.72	0.16	-0.17	0.36	0.68	-0.03	-0.01	-0.08	-0.03	0.72	0.38		0.66		0.22	0.41	0.03	0.05
Cd- R-value	-0.02	0.33	0.04	-0.01		0.01	0.19	-0.03	0.00		0.10	-0.01	0.06	0.05	0.08	0.09	0.03	0.16	-0.01	0.28	-0.01	-0.04	0.02	0.05	0.64	0.01	0.13	0.15	-0.03		0.01		-0.02	-0.01	-0.01	0.97
Co- R-value	0.01	0.05	0.70	0.06		0.52	0.60	0.05	0.49	0.10		0.49	0.54	0.42	0.44	0.31	0.48	0.44	0.52	0.70	0.05	0.13	0.68	0.17	0.11	0.07	0.21	0.73	0.35		0.45		-0.05	0.40	-0.01	0.19
Cr- R-value	-0.06	-0.06	0.84	-0.09		0.75	-0.03	-0.08	0.69	-0.01	0.49		-0.05	0.12	0.50	0.28	0.83	-0.16	0.98	0.10	-0.09	0.49	0.96	-0.13	-0.02	-0.10	-0.10	0.80	0.37		0.91		-0.03	0.69	-0.03	0.05
Cu- R-value	0.50	0.34	0.26	0.28		0.04	0.55	0.60	0.30	0.06	0.54	-0.05		0.86	0.41	0.05	0.02	0.56	-0.03	0.44	0.25	-0.18	0.07	0.44	0.29	0.42	0.36	0.35	0.07		-0.06		0.35	0.14	0.14	0.15
Fe- R-value	0.74	0.32	0.33	0.26		0.12	0.37	0.83	0.51	0.05	0.42	0.12	0.86		0.53	0.06	0.14	0.38	0.13	0.27	0.06	-0.09	0.17	0.32	0.21	0.35	0.25	0.40	0.13		0.09		0.50	0.13	0.21	0.12
Ga- R-value	0.33	0.18	0.67	0.14		0.44	0.32	0.30	0.48	0.08	0.44	0.50	0.41	0.53		0.15	0.45	0.17	0.49	0.17	0.12	0.07	0.50	0.15	0.21	0.17	0.22	0.58	0.26		0.50		0.31	0.56	0.06	0.19
Hg- R-value	0.02	0.03	0.30	-0.03		0.31	0.13	-0.06	0.19	0.09	0.31	0.28	0.05	0.06	0.15		0.37	0.04	0.30	0.24	0.07	0.16	0.32	0.00	0.02	-0.02	0.02	0.22	0.14		0.34		0.06	0.24	0.06	0.11
K- R-value	-0.06	-0.02	0.81	-0.09		0.73	0.09	-0.08	0.59	0.03	0.48	0.83	0.02	0.14	0.45	0.37		-0.02	0.87	0.17	0.05	0.42	0.83	-0.03	0.03	0.03	-0.06	0.76	0.30		0.85		-0.02	0.67	-0.03	0.08
La- R-value	-0.01	0.18	0.19	0.26		-0.02	0.65	0.03	-0.01	0.16	0.44	-0.16	0.56	0.38	0.17	0.04	-0.02		-0.14	0.43	0.36	-0.27	0.01	0.46	0.27	0.38	0.35	0.18	0.10		-0.22		0.00	0.10	0.06	0.24
Mg- R-value	-0.06	-0.06	0.86	-0.09		0.78	-0.02	-0.08	0.72	-0.01	0.52	0.98	-0.03	0.13	0.49	0.30	0.87	-0.14		0.11	-0.10	0.48	0.95	-0.14	-0.02	-0.11	-0.10	0.83	0.39		0.92		-0.04	0.68	-0.03	0.04
Mn- R-value	0.02	0.11	0.26	0.02		0.22	0.42	0.03	0.16	0.28	0.70	0.10	0.44	0.27	0.17	0.24	0.17	0.43	0.11		0.22	-0.01	0.26	0.47	0.21	0.19	0.27	0.34	0.13		0.08		-0.01	0.20	-0.02	0.34
Mo- R-value	-0.07	0.03	0.01	-0.01		0.04	0.19	-0.09	-0.17	-0.01	0.05	-0.09	0.25	0.06	0.12	0.07	0.05	0.36	-0.10	0.22		-0.05	-0.07	0.68	0.07	0.54	0.13	-0.06	0.07		-0.08		0.26	0.53	-0.02	0.01
Na- R-value	-0.10	-0.07	0.36	-0.19		0.52	-0.15	-0.15	0.36	-0.04	0.13	0.49	-0.18	-0.09	0.07	0.16	0.42	-0.27	0.48	-0.01	-0.05		0.46	-0.03	-0.06	0.21	-0.20	0.28	0.18		0.55		0.01	0.29	-0.08	-0.04
Ni- R-value	-0.08	-0.05	0.88	-0.07		0.79	0.15	-0.09	0.68	0.02	0.68	0.96	0.07	0.17	0.50	0.32	0.83	0.01	0.95	0.26	-0.07	0.46		-0.08	0.00	-0.09	-0.05	0.85	0.40		0.88		-0.07	0.66	-0.03	0.09
P- R-value	0.11	0.18	0.04	0.09		0.04	0.26	0.15	-0.03	0.05	0.17	-0.13	0.44	0.32	0.15	0.00	-0.03	0.46	-0.14	0.47	0.68	-0.03	-0.08		0.17	0.73	0.14	-0.03	0.08		-0.17		0.26	0.36	0.02	0.09
Pb- R-value	-0.01	0.82	0.13	0.37		0.09	0.22	0.03	-0.01	0.64	0.11	-0.02	0.29	0.21	0.21	0.02	0.03	0.27	-0.02	0.21	0.07	-0.06	0.00	0.17		0.25	0.50	0.20	-0.02		0.03		-0.01	0.07	0.16	0.73
S- R-value	0.07	0.26	0.11	0.16		0.03	0.33	0.14	-0.08	0.01	0.07	-0.10	0.42	0.35	0.17	-0.02	0.03	0.38	-0.11	0.19	0.54	0.21	-0.09	0.73	0.25		0.18	0.03	0.08		-0.11		0.21	0.29	0.06	0.05
Sb- R-value	-0.02	0.52	0.09	0.49		-0.07	0.28	0.01	-0.03	0.13	0.21	-0.10	0.36	0.25	0.22	0.02	-0.06	0.35	-0.10	0.27	0.13	-0.20	-0.05	0.14	0.50	0.18		0.13	-0.06		-0.10		-0.03	0.05	0.22	0.22
Sc- R-value	0.02	0.13	0.89	0.06		0.70	0.33	0.06	0.72	0.15	0.73	0.80	0.35	0.40	0.58	0.22	0.76	0.18	0.83	0.34	-0.06	0.28	0.85	-0.03	0.20	0.03	0.13		0.40		0.77		-0.04	0.59	0.01	0.24
Sr- R-value	-0.04	-0.04	0.47	-0.02		0.54	0.17	-0.03	0.38	-0.03	0.35	0.37	0.07	0.13	0.26	0.14	0.30	0.10	0.39	0.13	0.07	0.18	0.40	0.08	-0.02	0.08	-0.06	0.40			0.42		-0.02	0.35	-0.01	0.01
Th- R-value																																				
Ti- R-value	-0.05	-0.02	0.81	-0.11		0.86	-0.08	-0.08	0.66	0.01	0.45	0.91	-0.06	0.09	0.50	0.34	0.85	-0.22	0.92	0.08	-0.08	0.55	0.88	-0.17	0.03	-0.11	-0.10	0.77	0.42				-0.02	0.68	-0.05	0.07
Tl- R-value																																				
U- R-value	0.79	0.01	-0.01	-0.04		-0.02	0.01	0.54	0.22	-0.02	-0.05	-0.03	0.35	0.50	0.31	0.06	-0.02	0.00	-0.04	-0.01	0.26	0.01	-0.07	0.26	-0.01	0.21	-0.03	-0.04	-0.02		-0.02			0.18	-0.01	-0.02
V- R-value	-0.10	-0.01	0.70	-0.04		0.63	0.12	-0.12	0.41	-0.01	0.40	0.69	0.14	0.13	0.56	0.24	0.67	0.10	0.68	0.20	0.53	0.29	0.66	0.36	0.07	0.29	0.05	0.59	0.35		0.68		0.18		-0.05	0.05
W- R-value	0.01	0.43	-0.01	0.71		-0.04	0.03	0.11	0.03	-0.01	-0.01	-0.03	0.14	0.21	0.06	0.06	-0.03	0.06	-0.03	-0.02	-0.02	-0.08	-0.03	0.02	0.16	0.06	0.22	0.01	-0.01		-0.05		-0.01	-0.05		0.01
Zn- R-value	-0.02	0.42	0.13	0.06		0.09	0.27	-0.02	0.05	0.97	0.19	0.05	0.15	0.12	0.19	0.11	0.08	0.24	0.04	0.34	0.01	-0.04	0.09	0.09	0.73	0.05	0.22	0.24	0.01		0.07		-0.02	0.05	0.01	

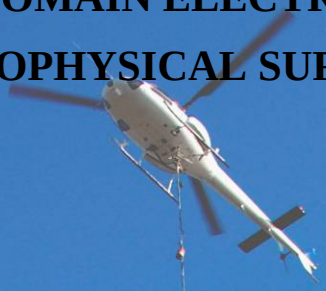
Fairweather Rock Correlation Coefficient Table

	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
Au- R-value		0.35	-0.31	0.03	-0.27	-0.27	0.82	-0.08	-0.06	-0.02	-0.08	-0.09	0.27	-0.19	-0.23	-0.10	-0.21	0.07	-0.06	-0.25	-0.14	0.05	0.03	-0.07	0.58	-0.31	-0.31	-0.20	-0.23	-0.17	0.01	-0.32	0.76	-0.05
Ag- R-value	0.35		0.07	0.40	-0.01	0.05	0.52	-0.23	-0.06	-0.11	-0.06	0.52	-0.11	-0.16	0.22	-0.14	-0.13	-0.24	-0.05	0.15	-0.21	-0.14	0.48	-0.11	0.41	0.00	0.04	0.37	0.01	0.13	-0.18	0.02	0.54	-0.07
Al- R-value	-0.31	0.07		0.22	0.45	0.85	-0.22	-0.23	-0.13	-0.20	0.09	0.22	-0.44	0.68	0.85	0.00	0.27	-0.37	-0.21	0.88	-0.01	0.18	-0.13	-0.24	-0.32	0.85	0.73	0.54	0.62	0.05	-0.19	0.63	-0.19	-0.13
As- R-value	0.03	0.40	0.22		0.09	0.18	0.17	-0.19	-0.04	-0.15	0.42	0.15	-0.21	0.17	0.30	-0.14	0.10	-0.21	-0.06	0.22	0.12	0.04	0.24	-0.12	0.13	0.32	0.16	0.19	0.45	0.22	-0.20	0.43	0.15	-0.05
Ba- R-value	-0.27	-0.01	0.45	0.09		0.47	-0.16	0.23	-0.11	-0.32	-0.09	-0.02	-0.56	0.10	0.54	-0.19	-0.11	-0.51	-0.13	0.45	-0.24	0.07	-0.18	-0.34	-0.32	0.33	0.72	0.38	0.17	-0.08	0.32	0.35	-0.14	-0.12
Be- R-value	-0.27	0.05	0.85	0.18	0.47		-0.19	-0.18	-0.12	-0.24	-0.08	0.18	-0.41	0.56	0.83	0.11	0.16	-0.32	-0.17	0.86	-0.18	0.20	-0.19	-0.23	-0.29	0.66	0.72	0.42	0.42	-0.03	-0.06	0.51	-0.16	-0.14
Bi- R-value	0.82	0.52	-0.22	0.17	-0.16	-0.19		-0.12	-0.03	-0.07	-0.03	-0.08	-0.06	-0.25	-0.14	-0.09	-0.15	-0.11	-0.03	-0.14	-0.09	-0.11	0.07	-0.08	0.78	-0.21	-0.17	-0.02	-0.14	-0.07	-0.06	-0.21	0.98	-0.03
Ca- R-value	-0.08	-0.23	-0.23	-0.19	0.23	-0.18	-0.12		0.32	0.17	0.02	-0.05	0.10	-0.21	-0.36	0.23	0.21	0.45	-0.12	-0.26	0.24	0.11	-0.07	0.23	0.06	-0.09	0.26	-0.19	-0.08	-0.04	0.66	-0.16	-0.09	0.31
Cd- R-value	-0.06	-0.06	-0.13	-0.04	-0.11	-0.12	-0.03	0.32		-0.04	0.01	-0.09	-0.04	-0.24	-0.13	-0.06	-0.08	0.63	-0.02	-0.13	0.10	-0.04	0.01	-0.06	0.43	0.11	-0.09	0.00	-0.08	-0.05	-0.08	-0.03	0.09	1.00
Co- R-value	-0.02	-0.11	-0.20	-0.15	-0.32	-0.24	-0.07	0.17	-0.04		-0.03	0.50	0.41	-0.10	-0.27	0.11	0.10	0.25	-0.07	-0.24	0.30	-0.08	0.02	0.93	-0.10	-0.15	-0.24	-0.38	-0.12	-0.12	0.09	-0.20	-0.06	-0.04
Cr- R-value	-0.08	-0.06	0.09	0.42	-0.09	-0.08	-0.03	0.02	0.01	-0.03		-0.10	-0.10	0.17	-0.11	-0.02	0.41	0.09	-0.03	-0.06	0.70	0.33	0.02	0.04	0.05	0.47	0.03	0.03	0.81	0.31	-0.10	0.54	-0.03	0.01
Cu- R-value	-0.09	0.52	0.22	0.15	-0.02	0.18	-0.08	-0.05	-0.09	0.50	-0.10		0.09	0.00	0.30	0.04	-0.03	-0.08	-0.09	0.25	-0.04	-0.06	0.02	0.46	-0.17	0.13	0.13	0.21	0.08	-0.06	-0.04	0.06	-0.04	-0.10
Fe- R-value	0.27	-0.11	-0.44	-0.21	-0.56	-0.41	-0.06	0.10	-0.04	0.41	-0.10	0.09		0.08	-0.47	0.15	-0.12	0.50	-0.12	-0.48	0.00	0.20	0.19	0.36	0.08	-0.43	-0.53	-0.43	-0.28	0.11	0.04	-0.43	-0.11	-0.02
Ga- R-value	-0.19	-0.16	0.68	0.17	0.10	0.56	-0.25	-0.21	-0.24	-0.10	0.17	0.00	0.08		0.50	0.10	0.30	-0.14	-0.26	0.53	0.09	0.09	-0.09	-0.12	-0.24	0.60	0.36	0.24	0.49	0.22	-0.14	0.50	-0.26	-0.23
K- R-value	-0.23	0.22	0.85	0.30	0.54	0.83	-0.14	-0.36	-0.13	-0.27	-0.11	0.30	-0.47	0.50		-0.14	-0.01	-0.49	-0.14	0.83	-0.28	0.04	-0.10	-0.33	-0.31	0.63	0.62	0.51	0.41	-0.02	-0.21	0.48	-0.11	-0.13
La- R-value	-0.10	-0.14	0.00	-0.14	-0.19	0.11	-0.09	0.23	-0.06	0.11	-0.02	0.04	0.15	0.10	-0.14		0.13	0.38	-0.08	-0.13	-0.01	0.05	-0.05	0.20	-0.07	0.01	-0.05	-0.08	0.00	0.16	0.09	-0.01	-0.09	-0.06
Mg- R-value	-0.21	-0.13	0.27	0.10	-0.11	0.16	-0.15	0.21	-0.08	0.10	0.41	-0.03	-0.12	0.30	-0.01	0.13		0.08	-0.13	0.11	0.79	0.26	-0.06	0.17	-0.12	0.42	0.17	-0.01	0.49	0.34	-0.08	0.38	-0.15	-0.08
Mn- R-value	0.07	-0.24	-0.37	-0.21	-0.51	-0.32	-0.11	0.45	0.63	0.25	0.09	-0.08	0.50	-0.14	-0.49	0.38	0.08		-0.13	-0.49	0.28	0.10	0.04	0.27	0.29	-0.11	-0.41	-0.33	-0.13	0.01	0.06	-0.23	-0.05	0.64
Mo- R-value	-0.06	-0.05	-0.21	-0.06	-0.13	-0.17	-0.03	-0.12	-0.02	-0.07	-0.03	-0.09	-0.12	-0.26	-0.14	-0.08	-0.13	-0.13		-0.13	-0.09	-0.15	-0.01	-0.07	-0.05	-0.19	-0.15	0.00	-0.13	-0.04	-0.07	-0.19	-0.03	-0.03
Na- R-value	-0.25	0.15	0.88	0.22	0.45	0.86	-0.14	-0.26	-0.13	-0.24	-0.06	0.25	-0.48	0.53	0.83	-0.13	0.11	-0.49	-0.13		-0.22	0.04	-0.14	-0.26	-0.28	0.67	0.81	0.54	0.46	-0.01	-0.10	0.50	-0.11	-0.14
Ni- R-value	-0.14	-0.21	-0.01	0.12	-0.24	-0.18	-0.09	0.24	0.10	0.30	0.70	-0.04	0.00	0.09	-0.28	-0.01	0.79	0.28	-0.09	-0.22		0.20	-0.06	0.33	0.02	0.32	-0.10	-0.18	0.51	0.27	-0.06	0.28	-0.08	0.11
P- R-value	0.05	-0.14	0.18	0.04	0.07	0.20	-0.11	0.11	-0.04	-0.08	0.33	-0.06	0.20	0.09	0.04	0.05	0.26	0.10	-0.15	0.04	0.20		-0.09	-0.02	-0.14	0.25	0.12	0.00	0.41	0.16	-0.02	0.21	-0.14	-0.04
Pb- R-value	0.03	0.48	-0.13	0.24	-0.18	-0.19	0.07	-0.07	0.01	0.02	0.02	0.02	0.19	-0.09	-0.10	-0.05	-0.06	0.04	-0.01	-0.14	-0.06	-0.09		0.00	0.27	-0.10	-0.14	0.02	-0.03	0.38	-0.11	-0.08	0.07	0.02
S- R-value	-0.07	-0.11	-0.24	-0.12	-0.34	-0.23	-0.08	0.23	-0.06	0.93	0.04	0.46	0.36	-0.12	-0.33	0.20	0.17	0.27	-0.07	-0.26	0.33	-0.02	0.00		-0.08	-0.15	-0.25	-0.41	-0.08	-0.10	0.09	-0.16	-0.07	-0.06
Sb- R-value	0.58	0.41	-0.32	0.13	-0.32	-0.29	0.78	0.06	0.43	-0.10	0.05	-0.17	0.08	-0.24	-0.31	-0.07	-0.12	0.29	-0.05	-0.28	0.02	-0.14	0.27	-0.08		-0.16	-0.25	-0.03	-0.14	0.08	-0.12	-0.21	0.82	0.43
Sc- R-value	-0.31	0.00	0.85	0.32	0.33	0.66	-0.21	-0.09	0.11	-0.15	0.47	0.13	-0.43	0.60	0.63	0.01	0.42	-0.11	-0.19	0.67	0.32	0.25	-0.10	-0.15	-0.16		0.62	0.52	0.84	0.16	-0.27	0.81	-0.16	0.10
Sr- R-value	-0.31	0.04	0.73	0.16	0.72	0.72	-0.17	0.26	-0.09	-0.24	0.03	0.13	-0.53	0.36	0.62	-0.05	0.17	-0.41	-0.15	0.81	-0.10	0.12	-0.14	-0.25	-0.25	0.62		0.52	0.46	0.01	0.30	0.48	-0.14	-0.11
Th- R-value	-0.20	0.37	0.54	0.19	0.38	0.42	-0.02	-0.19	0.00	-0.38	0.03	0.21	-0.43	0.24	0.51	-0.08	-0.01	-0.33	0.00	0.54	-0.18	0.00	0.02	-0.41	-0.03	0.52	0.52		0.33	0.03	-0.22	0.42	0.00	0.00
Ti- R-value	-0.23	0.01	0.62	0.45	0.17	0.42	-0.14	-0.08	-0.08	-0.12	0.81	0.08	-0.28	0.49	0.41	0.00	0.49	-0.13	-0.13	0.46	0.51	0.41	-0.03	-0.08	-0.14	0.84	0.46	0.33		0.30	-0.20	0.78	-0.13	-0.08
Tl- R-value	-0.17	0.13	0.05	0.22	-0.08	-0.03	-0.07	-0.04	-0.05	-0.12	0.31	-0.06	0.11	0.22	-0.02	0.16	0.34	0.01	-0.04	-0.01	0.27	0.16	0.38	-0.10	0.08	0.16	0.01	0.03	0.30		-0.10	0.15	-0.07	-0.04
U- R-value	0.01	-0.18	-0.19	-0.20	0.32	-0.06	-0.06	0.66	-0.08	0.09	-0.10	-0.04	0.04	-0.14	-0.21	0.09	-0.08	0.06	-0.07	-0.10	-0.06	-0.02	-0.11	0.09	-0.12	-0.27	0.30	-0.22	-0.20	-0.10		-0.21	-0.08	-0.08
V- R-value	-0.32	0.02	0.63	0.43	0.35	0.51	-0.21	-0.16	-0.03	-0.20	0.54	0.06	-0.43	0.50	0.48	-0.01	0.38	-0.23	-0.19	0.50	0.28	0.21	-0.08	-0.16	-0.21	0.81	0.48	0.42	0.78	0.15	-0.21		-0.18	-0.04
W- R-value	0.76	0.54	-0.19	0.15	-0.14	-0.16	0.98	-0.09	0.09	-0.06	-0.03	-0.04	-0.11	-0.26	-0.11	-0.09	-0.15	-0.05	-0.03	-0.11	-0.08	-0.14	0.07	-0.07	0.82	-0.16	-0.14	0.00	-0.13	-0.07	-0.08	-0.18		0.08
Zn- R-value	-0.05	-0.07	-0.13	-0.05	-0.12	-0.14	-0.03	0.31	1.00	-0.04	0.01	-0.10	-0.02	-0.23	-0.13	-0.06	-0.08	0.64	-0.03	-0.14	0.11	-0.04	0.02	-0.07	0.43	0.11	-0.11	0.00	-0.08	-0.04	-0.08	-0.04	0.09	

APPENDIX VI

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

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



Fairweather Project

Yukon, Canada

For:

ARCHER CATHRO & ASSOCIATES LTD.

By

Geotech Ltd.

245 Industrial Parkway North

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Survey flown during August 2007 and July, 2008

Project 8077

January 2009

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REPORT ON A HELICOPTER-BORNE VERSATILE TIME DOMAIN ELECTROMAGNETIC SURVEY

Fairweather Project
Yukon, Canada

Executive Summary

On August 8th, 2007 and from July 24th to July 25th, 2008 Geotech Ltd. carried out a helicopter-borne geophysical survey for Archer Cathro & Associates Ltd. over one (1) block of the Fairweather Project situated near Ross River, Yukon, Canada.

Principal geophysical sensors included a versatile time domain electromagnetic (VTEM) system, and a caesium magnetometer. Ancillary equipment included a GPS navigation system and a radar altimeter. A total of 337 line-kilometres were flown.

The survey operations were based out of Ross River, Yukon. In-field data quality assurance and preliminary processing were carried out on a daily basis during the acquisition phase. Preliminary and final data processing, including generation of final digital data and map products were undertaken from the office of Geotech Ltd. in Aurora, Ontario.

The processed survey results are presented as electromagnetic stacked profiles, and as a colour grid of the B-field EM late time channels and total magnetic intensity.

Digital data includes all electromagnetic and magnetic products, plus ancillary data including the waveform.

The survey report describes the procedures for data acquisition, processing, final image presentation and the specifications for the digital data set. No formal interpretation is included.

1. INTRODUCTION

1.1 General Considerations

These services are the result of the Agreement made between Geotech Ltd. and Archer Cathro & Associates Ltd. to perform a helicopter-borne geophysical survey one (1) block on the Fairweather property located near Ross River, Yukon, Canada (Figure 1).

Matthew Dumala and Bill Wengzynowski acted on behalf of Archer Cathro & Associates Ltd. during the data acquisition and data processing phases of this project.

The geophysical surveys consisted of helicopter borne EM using the versatile time-domain electromagnetic (VTEM) system and aeromagnetics using a caesium magnetometer. A total of 337 line-km of geophysical data were acquired during the survey. The survey area is shown in Figure 2.

The crew was based out of Ross River, Yukon for the two (2) acquisition phases of the survey. Survey flying started on August 8th, 2007 and was completed on July 25th, 2008

Data quality control and quality assurance, and preliminary data processing were carried out on a daily basis during the acquisition phase of the project. Final data processing followed immediately after the end of the survey. Final reporting, data presentation and archiving were completed from the Aurora office of Geotech Ltd. in January, 2009.

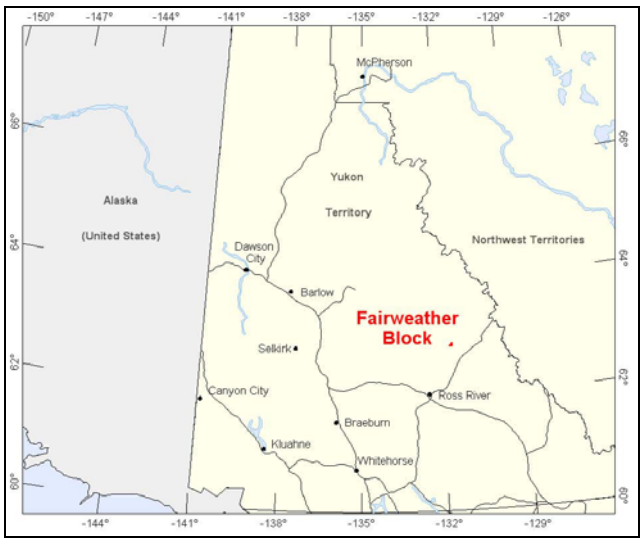

Figure 1 - Property Location

1.2 Survey Location and Specifications

The Fairweather block (62°49'10.57"N, 131°39'31.87"W) is located approximately 101 kilometres north-east of Ross River, Yukon, the base of operations for the survey.

The survey block was flown in a N 2° E direction with a traverse line spacing of 100 metres, as depicted in Figure 2. Tie lines were flown perpendicular to the traverse lines at a spacing of 1000 and 940 metres in the direction of N 92° E. For more detailed information on the flight spacing and direction see Table 1.

1.3 Topographic Relief and Cultural Features

Topographically, the property exhibits high relief, with elevations ranging from 892 to 2082 metres above sea level (see Figure 2). There are a number of small rivers, streams and lakes located throughout the block. There are no roads leading to the block, making it accessible only by air. The survey block is covered by NTS (National Topographic Survey) of Canada sheet 105J13.

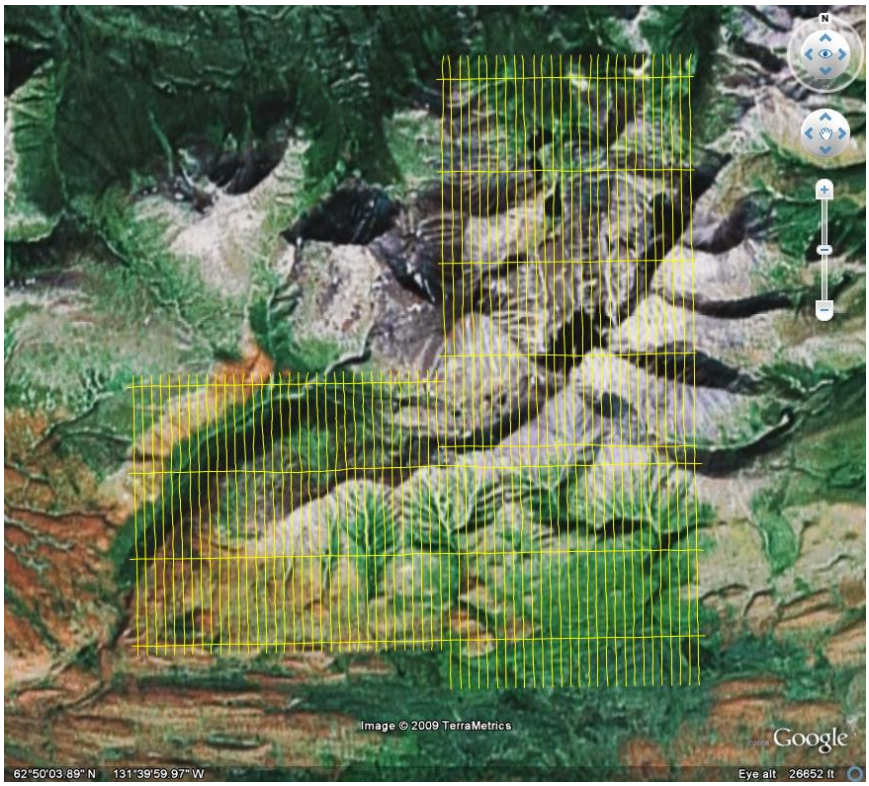

Figure 2 - Google Earth Image with Flight Paths

2. DATA ACQUISITION

2.1 Survey Area

The survey block (see Location map, Figure 2) and general flight specifications are as follows:

Table 1 - Survey blocks

Survey block	Line spacing (m)	Area (Km^2)	Planned Line-km	Actual Line-km[1]	Flight direction	Line number
Fairweather	Traverse: 100	29	301	297	N 2°E	L5000 – L17280
	Tie: 940, 1000		36	36	N 92°E	T5700 – T17950
TOTAL		29	337	333		

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

2.2 Survey Operations

Survey operations were based out of Ross River, Yukon on August 8th, 2007 and from July 24th to July 25th, 2008. The following table shows the timing of the flying.

Table 2 - Survey schedule

Date	Flight #	Flown km	Block	Crew location	Comments
08-Aug-07	30,31	129	Fairweather	Ross River, Yukon	Production
24-July-08	54 - 57	288	GNR, TIM, and FAIR	Ross River, Yukon	Production
25-July-08	58 - 60	182	GNR, FAIR	Ross River, Yukon	Production

[1]NOTE: Actual line-km represents the total line-km contained in the final databases. These line-km normally exceed the Planned line-km, as outlined in the contract-proposal and defined in the survey NAV files.

2.3 Flight Specifications

The helicopter was maintained at a mean height of 75 metres above the ground where possible (due to rugged terrain) with a nominal survey speed of 80 km/hour. This allowed for a nominal EM sensor terrain clearance of 40 metres and a magnetic sensor clearance of 62 metres. The data recording rates of the data acquisition was 0.1 second for electromagnetics, magnetometer and 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 CDGPS receiver and data acquisition system, which reports GPS co-ordinates as latitude/longitude and directs the pilot over a pre-programmed survey grid.

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

On return of the aircrew to the base camp the survey data was transferred from a compact flash card (PCMCIA) to the data processing computer. The data were then uploaded via ftp to the Geotech office in Aurora for daily quality assurance and quality control by qualified personnel, operating remotely.

2.4 Aircraft and Equipment

2.4.1 Survey Aircraft

The survey was flown using Eurocopter Aerospatiale (Astar) 350 B3 helicopters. The helicopters were operated by TRK Helicopters Ltd, registrations C-GTRK (July 2008 survey) and C-GTFX (August 2007 survey). Installation of the geophysical and ancillary equipment was carried out by Geotech Ltd.

2.4.2 Electromagnetic System

The electromagnetic system was a Geotech Time Domain EM (VTEM) system. The configuration is as indicated in Figure 3 below.

Receiver and transmitter coils are concentric and Z-direction oriented. The coils were towed at a mean distance of 35 metres below the aircraft as shown in Figure 5. The receiver decay recording scheme is shown diagrammatically in Figure 4.

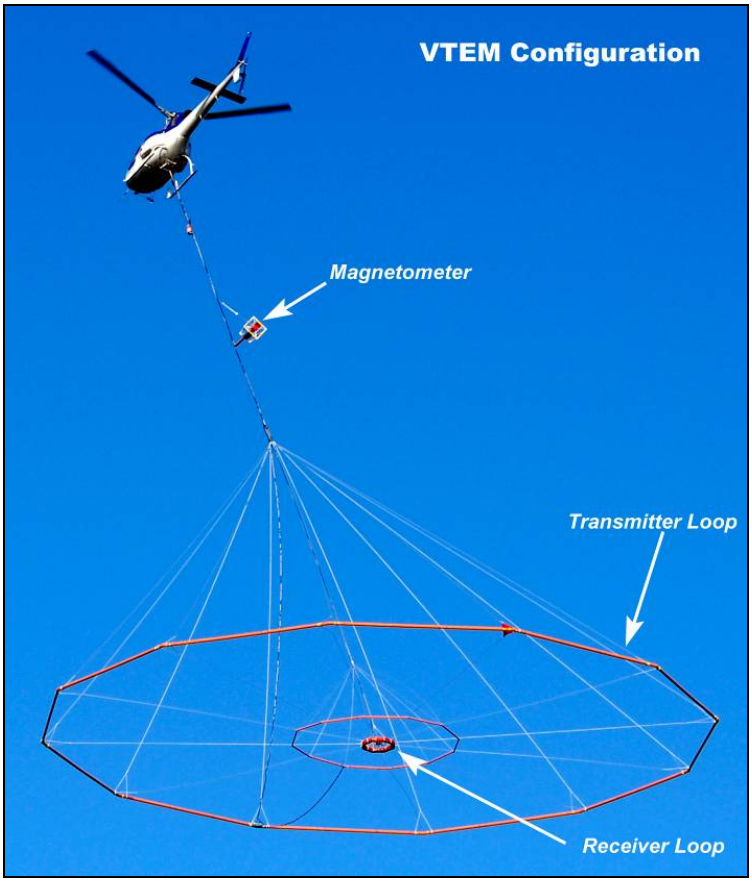

Figure 3 - VTEM Configuration

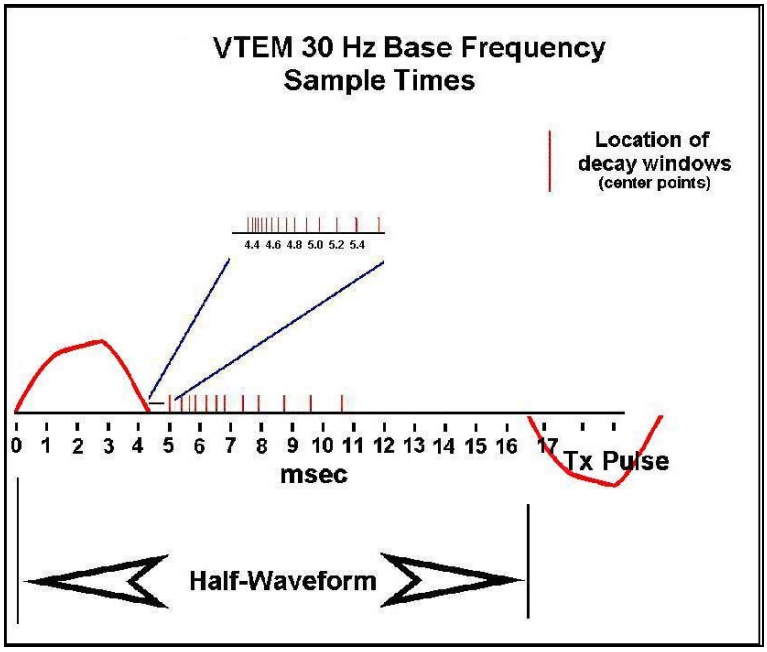

Figure 4 – VTEM Short Pulse Waveform & Sample Times

The VTEM decay sampling scheme is shown in Table 3 below. Twenty six measurement gates (ch 10-35) were used for the final data processing in the range from 120 to 9245 μ sec, as shown in Table 5.

Table 3 – Decay Sampling Scheme

VTEM Decay Sampling scheme[2]				
Array	(Microseconds)			
Index	Time Gate	Start	End	Width
0	0			
1	10	10	21	11
2	21	16	26	11
3	31	26	37	11
4	42	37	47	11
5	52	47	57	10
6	62	57	68	11
7	73	68	78	11
8	83	78	91	13
9	99	91	110	19
10	120	110	131	21
11	141	131	154	24
12	167	154	183	29
13	198	183	216	34
14	234	216	258	42
15	281	258	310	53
16	339	310	373	63
17	406	373	445	73
18	484	445	529	84
19	573	529	628	99
20	682	628	750	123
21	818	750	896	146
22	974	896	1063	167
23	1151	1063	1261	198
24	1370	1261	1506	245
25	1641	1506	1797	292
26	1953	1797	2130	333
27	2307	2130	2526	396
28	2745	2526	3016	490
29	3286	3016	3599	583
30	3911	3599	4266	667
31	4620	4266	5058	792
32	5495	5058	6037	979
33	6578	6037	7203	1167
34	7828	7203	8537	1334
35	9245	8537	10120	1584

[2] Note: Measurement time-delays are referenced to time-zero marking the end of the transmitter current turn-off, as illustrated in Figure 6 and Appendix C.

VTEM system parameters[1]:

Transmitter Section
- Transmitter coil diameter: 26 m
- Number of turns: 4
- Transmitter base frequency: 30 Hz
- Peak current: 262 A
- Pulse width: 4.2 ms and 7.4 ms
- Pulse width: Duty cycle: 25% and 43%
- Peak dipole moment: 556,400 nIA and 424,400 nIA
- Nominal terrain clearance: 75 m where possible

Receiver Section
- Receiver coil diameter: 1.2 m
- Number of turns: 100.
- Effective coil area: 113.04 m^2
- Wave form shape: trapezoid
- Power Line Monitor: 60 Hz

Magnetometer
- Nominal terrain clearance: 62 m

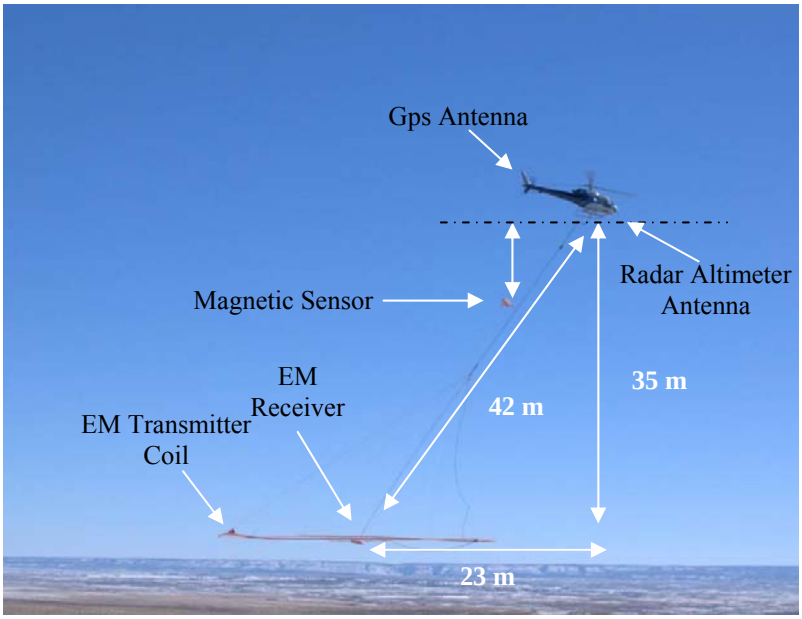

Figure 5 - VTEM system configuration

[1] NOTE: Lines 17010 to 17280 were flown in a previous survey (7067) and have been merged with the current survey (8077). They were surveyed with a pulse width of 7.4 ms resulting in a duty cycle of 43% and a peak dipole moment of 424,400 nIA.

2.4.3 Airborne magnetometer

The magnetic sensor utilized for the survey was a Geometrics optically pumped caesium vapour magnetic field sensor, mounted in a separate bird, 13 metres below the helicopter, as shown in Figure 5. 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 nanoTesla to the data acquisition system via the RS-232 port.

2.4.4 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 (Figure 5).

2.4.5 GPS Navigation System

The navigation system used was a Geotech PC104 based navigation system utilizing a NovAtel's CDGPS (Canada-Wide Differential Global Positioning System Correction Service) 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 (Figure 5). As many as 11 GPS and two CDGPS satellites may be monitored at any one time. The positional accuracy or circular error probability (CEP) is 1.8 m, with CDGPS active, it is 1.0 m. The co-ordinates of the block were set-up prior to the survey and the information was fed into the airborne navigation system.

2.4.6 Digital Acquisition System

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

Table 4 – Acquisition Sampling Rates

DATA TYPE	SAMPLING
TDEM	0.1 sec
Magnetometer	0.1 sec
GPS Position	0.2 sec
Radar Altimeter	0.2 sec

2.4.7 Base Station

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

The base station magnetometer sensor was installed on the apron at the airport in Ross River, Yukon (61°58'21.77"N, 132°25'37.56"W), away from electric transmission lines and moving ferrous objects such as motor vehicles. The base station data were backed-up to the data processing computer at the end of each survey day.

3. PERSONNEL

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

Field:

Project Managers:	Les Moschuk (office) Harish Kumar (office)
Data QC/QA:	Nick Venter (office)
Crew chiefs:	Sean Hayes/Ryan MacIver
System Operators:	Ioan Serba/ Jason McKinnon

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

Pilots:	Randy Marks/ Peirre Forand
Mechanical Engineers:	Chris Ward

Office:

Preliminary Data Processing:	Nick Venter
Final Data Processing:	Neil Fiset
Mapping/Reporting:	Kyle Orlowski

Data acquisition phase was carried out under the supervision of Andrei Bagrianski, P. Geo, Surveys Manager. Processing phase was carried out under the supervision of Jean Legault, P. Geo, Manager of Processing and Interpretation. The overall contract management and customer relations were by Paolo Berardelli.

4. DATA PROCESSING AND PRESENTATION

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

4.1 Flight Path

The flight path, recorded by the acquisition program as WGS 84 latitude/longitude, was converted into the NAD83 Datum, UTM Zone 9 North 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 easting's (x) and UTM northing's (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 15 metres. This filter is a symmetrical 1 sec linear filter.

The results are presented as stacked profiles of EM voltages for the time gates, in linear - logarithmic scale for both B-field and dB/dt response. B-field time channel recorded at 1.641 milliseconds after the termination of the impulse is also presented as contour colour image.

Graphical representations of the VTEM transmitter current waveform output voltage of the receiver coil are shown in Appendix C.

Generalized modeling results of VTEM data, written by consultant Roger Barlow and Nasreddine Bournas, P. Geo., are shown in Appendix E.

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 traverse lines. A micro-levelling procedure was applied to remove persistent low-amplitude components of flight-line noise remaining in the data.

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 PDF format.

5.2 Maps

Final maps were produced at scale of 1:10,000. The coordinate/projection system used was NAD 83, UTM Zone 9 North. All maps show the flight path trace and topographic data; latitude and longitude are also noted on maps.

The preliminary and final results of the survey are presented as EM profiles, a late-time gate gridded EM channel, and color magnetic TMI contour maps. The following maps are presented on paper;

- VTEM B-field profiles, Time Gates 0.234 – 9.245 ms in linear - logarithmic scale over total magnetic intensity colour grid and.
- VTEM dB/dt profiles, Time Gates 0.234 – 9.245 ms in linear – logarithmic scale.
- VTEM B-field late time, Time Gate 1.641 ms colour image.
- Total magnetic intensity (TMI) colour image and contours.

.

5.3 Digital Data

- Two copies of the data and maps on DVD were prepared to accompany the report. Each DVD contains a digital file of the line data in GDB Geosoft Montaj format as well as the maps in Geosoft Montaj Map and PDF format.

- DVD structure.

  There are two (2) main directories;

  Data contains databases, grids and maps, as described below.
  Report contains a copy of the report and appendices in PDF format.

  Databases in Geosoft GDB format, containing the channels listed in Table 5.

Table 5 – Geosoft GDB Data Format.

Channel Name	Description
X:	X positional data (metres – NAD83, UTM zone 9 north)
Y:	Y positional data (metres – NAD83, UTM zone 9 north)
Z:	GPS antenna elevation (metres - ASL)
Lon:	Longitude data (degree – NAD83)
Lat:	Latitude data (degree – NAD83)
Date:	Flight Date (DD/MM/YYYY)
FltNo	Flight Number
Radar:	Helicopter terrain clearance from radar altimeter (metres - AGL)
RadarB:	EM Bird terrain clearance from radar altimeter (metres - AGL)
DEM:	Digital elevation model (metres)
Gtime:	GPS time (seconds of the day)
Mag1:	Raw Total Magnetic field data (nT)
Basemag:	Magnetic diurnal variation data (nT)
Mag2	Total Magnetic field diurnal variation corrected data (nT)
Mag3	Total Magnetic field final microlevelled data (nT)
SF[10]:	dB/dt 120 microsecond time channel pV/(A*m^4)
SF[11]:	dB/dt 141 microsecond time channel pV/(A*m^4)
SF[12]:	dB/dt 167 microsecond time channel pV/(A*m^4)
SF[13]:	dB/dt 198 microsecond time channel pV/(A*m^4)
SF[14]:	dB/dt 234 microsecond time channel pV/(A*m^4)
SF[15]:	dB/dt 281 microsecond time channel pV/(A*m^4)
SF[16]:	dB/dt 339 microsecond time channel pV/(A*m^4)
SF[17]:	dB/dt 406 microsecond time channel pV/(A*m^4)
SF[18]:	dB/dt 484 microsecond time channel pV/(A*m^4)
SF[19]:	dB/dt 573 microsecond time channel pV/(A*m^4)
SF[20]:	dB/dt 682 microsecond time channel pV/(A*m^4)
SF[21]:	dB/dt 818 microsecond time channel pV/(A*m^4)
SF[22]:	dB/dt 974 microsecond time channel pV/(A*m^4)
SF[23]:	dB/dt 1151 microsecond time channel pV/(A*m^4)
SF[24]:	dB/dt 1370 microsecond time channel pV/(A*m^4)
SF[25]:	dB/dt 1641 microsecond time channel pV/(A*m^4)
SF[26]:	dB/dt 1953 microsecond time channel pV/(A*m^4)
SF[27]:	dB/dt 2307 microsecond time channel pV/(A*m^4)
SF[28]:	dB/dt 2745 microsecond time channel pV/(A*m^4)
SF[29]:	dB/dt 3286 microsecond time channel pV/(A*m^4)
SF[30]:	dB/dt 3911 microsecond time channel pV/(A*m^4)
SF[31]:	dB/dt 4620 microsecond time channel pV/(A*m^4)

Channel Name	Description
SF[32]:	dB/dt 5495 microsecond time channel pV/(A*m^4)
SF[33]:	dB/dt 6578 microsecond time channel pV/(A*m^4)
SF[34]:	dB/dt 7828 microsecond time channel pV/(A*m^4)
SF[35]:	dB/dt 9245 microsecond time channel pV/(A*m^4)
BF[10]:	B-field 120 microsecond time channel (pV*ms)/(A*m^4)
BF[11]:	B-field 141 microsecond time channel (pV*ms)/(A*m^4)
BF[12]:	B-field 167 microsecond time channel (pV*ms)/(A*m^4)
BF[13]:	B-field 198 microsecond time channel (pV*ms)/(A*m^4)
BF[14]:	B-field 234 microsecond time channel (pV*ms)/(A*m^4)
BF[15]:	B-field 281 microsecond time channel (pV*ms)/(A*m^4)
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BF[19]:	B-field 573 microsecond time channel (pV*ms)/(A*m^4)
BF[20]:	B-field 682 microsecond time channel (pV*ms)/(A*m^4)
BF[21]:	B-field 818 microsecond time channel (pV*ms)/(A*m^4)
BF[22]:	B-field 974 microsecond time channel (pV*ms)/(A*m^4)
BF[23]:	B-field 1151 microsecond time channel (pV*ms)/(A*m^4)
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BF[26]:	B-field 1953 microsecond time channel (pV*ms)/(A*m^4)
BF[27]:	B-field 2307 microsecond time channel (pV*ms)/(A*m^4)
BF[28]:	B-field 2745 microsecond time channel (pV*ms)/(A*m^4)
BF[29]:	B-field 3286 microsecond time channel (pV*ms)/(A*m^4)
BF[30]:	B-field 3911 microsecond time channel (pV*ms)/(A*m^4)
BF[31]:	B-field 4620 microsecond time channel (pV*ms)/(A*m^4)
BF[32]:	B-field 5495 microsecond time channel (pV*ms)/(A*m^4)
BF[33]:	B-field 6578 microsecond time channel (pV*ms)/(A*m^4)
BF[34]:	B-field 7828 microsecond time channel (pV*ms)/(A*m^4)
BF[35]:	B-field 9245 microsecond time channel (pV*ms)/(A*m^4)
PLM:	Power Line monitor (60Hz)

Electromagnetic B-field and dB/dt data is found in array channel format between indexes 10 – 35, as described above.

- Database of the VTEM Waveform "VTEM_waveform.gdb" in Geosoft GDB format, containing the following channels:

  Time: Sampling rate interval, 10.416 microseconds
  Rx_Volt: Output voltage of the receiver coil (Volt)
  Tx_Curr: Output current of the transmitter (Amp)

- Grids in Geosoft GRD format, as follows:

  BF25_Fairweather: B-Field Channel 25 (Time Gate 1.641 ms)
  Mag3_Fairweather: Total magnetic intensity (nT)

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

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

  8077_Bfield_Fairweather: B-field profiles, Time Gates 0.234 – 9.245 ms in linear logarithmic scale over TMI.
  8077_dBdt_Fairweather: dB/dt profiles, Time Gates 0.234 – 9.245 ms in linear logarithmic scale.
  8077_BF25_Fairweather: B-field Time Gate 1.641 ms colour image.
  8077_TMI_Fairweather: Total magnetic intensity colour image and contours.

  Maps are also presented in PDF and MapInfo format.

  1:50,000 topographic vectors were taken from the NRCAN Geogratis database at; http://geogratis.gc.ca/geogratis/en/index.html.

- Google Earth files *8077_Fairweather_fltpath.kml* showing the flight path of each block. Free versions of Google Earth software from: http://earth.google.com/download-earth.html

6. CONCLUSIONS AND RECOMMENDATIONS

6.1 Conclusions

A helicopter-borne versatile time domain electromagnetic (VTEM) geophysical survey has been completed over the Fairweather Project in the Yukon Territory, Canada.

The total area coverage is 29 km^2. Total survey line coverage is 337 line kilometres. The principal sensors included a Time Domain EM system and a magnetometer. Results have been presented as stacked profiles and contour colour images at a scale of 1:10,000. No formal interpretation is included in this report.

6.2 Recommendations

Based on the geophysical results obtained, a number of interesting EM and magnetic anomaly groupings were identified across the property. We therefore recommend a more detailed interpretation of the EM and magnetic data, in conjunction with the known geology. It should include EM anomaly picking and magnetic derivative processing, as well as 3D inversion and modelling techniques to further characterize the observed anomalies and to more accurately determine their parameters (depth, conductance, dip, etc.) prior to ground follow up and drill testing.

Respectfully submitted[6],

Kyle Orlowski
Geotech Ltd.

Jean Legault, P. Geo, P. Eng
Geotech Ltd.

Neil Fiset
Geotech Ltd.

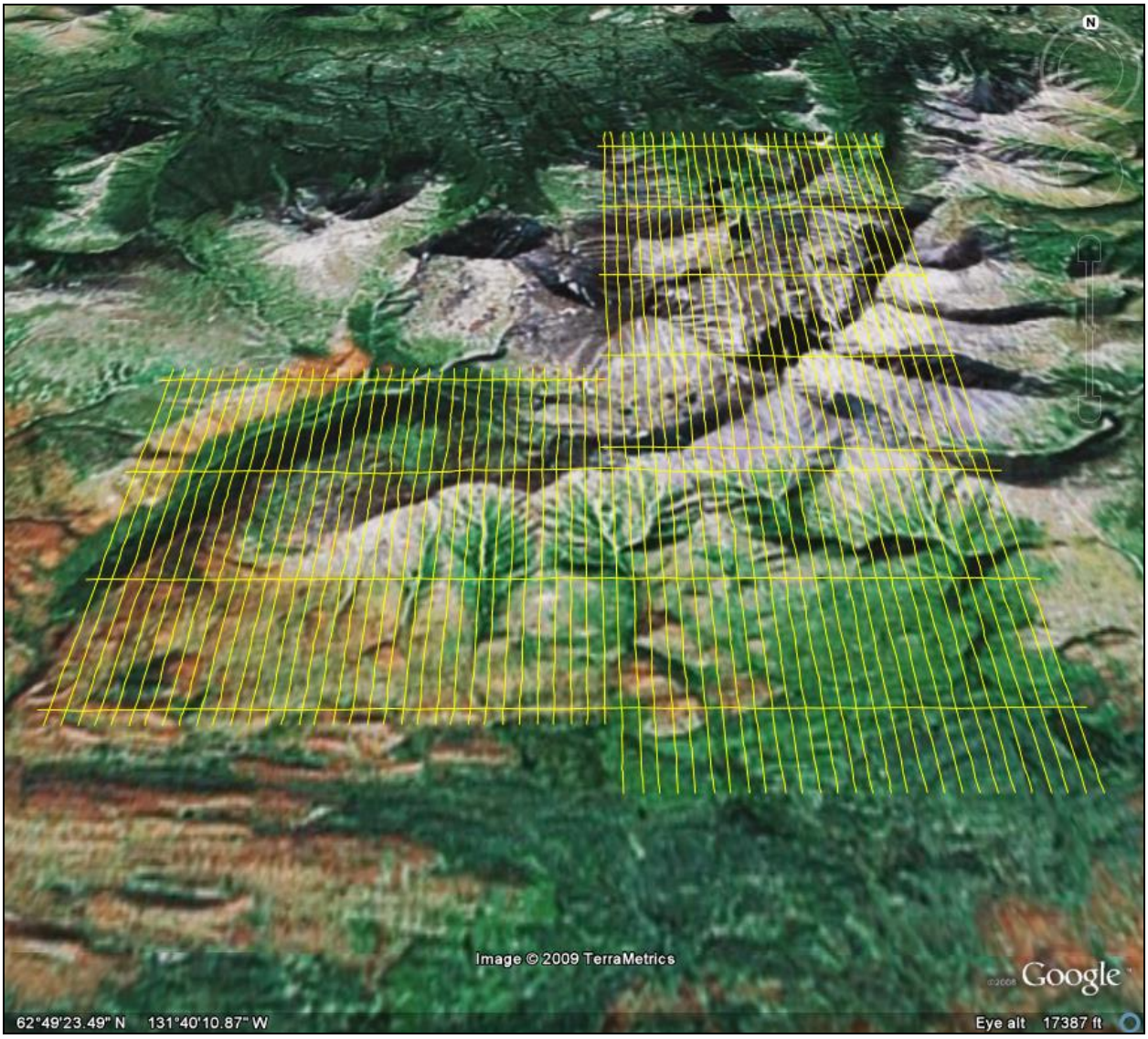
January 2009

[6]Final data processing and interpretation of the EM and magnetic data were carried out by Neil Fiset, from the office of Geotech Ltd. in Aurora, Ontario, under the supervision of Jean Legault, P. Geo, Manager of Data Processing and Interpretation.

APPENDIX A

SURVEY BLOCK LOCATION MAPS

Google Earth Image: Fairweather Project



Google Earth Image: Fairweather Block

Mining Claims Map: Fairweather Block

APPENDIX B

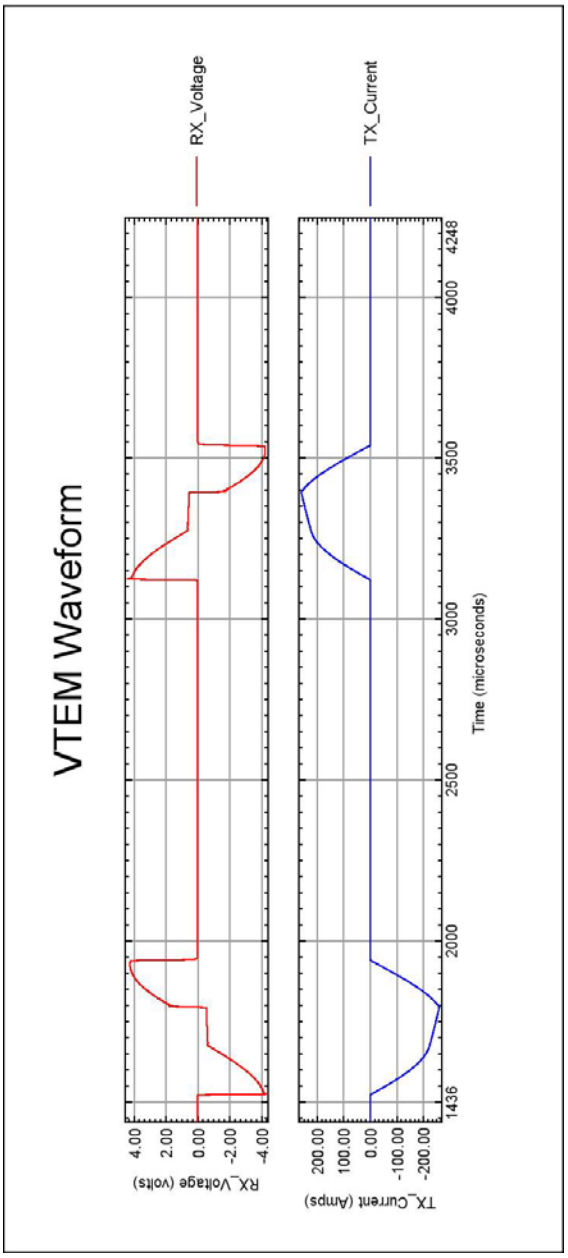
SURVEY BLOCK COORDINATES

(NAD83, UTM Zone 9 North)

Fairweather	
X	Y
360903	6970263
364297	6970144
364263	6969293
366989	6969188
366917	6967123
360801	6967337
364263	6969293
364428	6973406
367159	6973297
366989	6969188

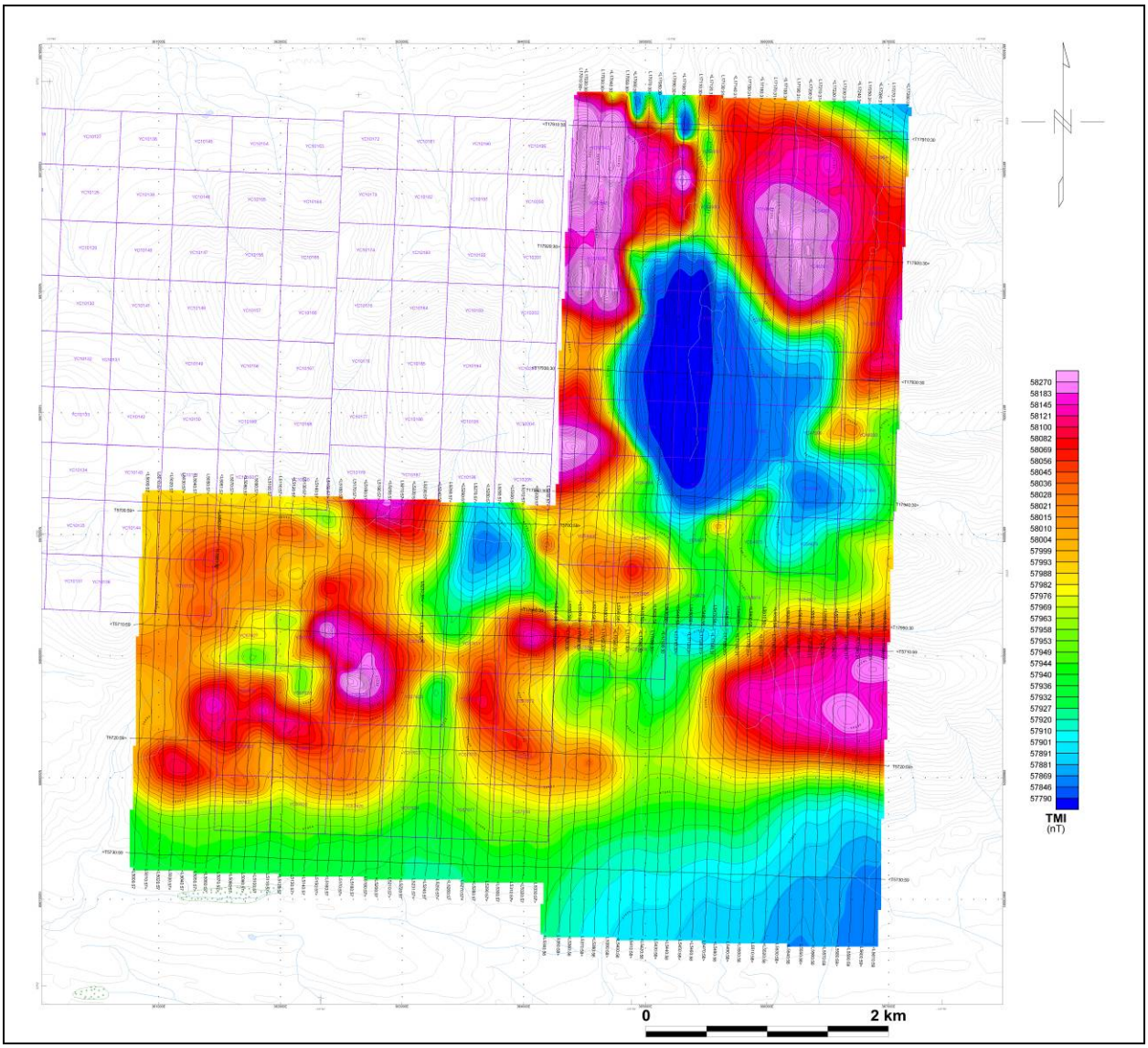
APPENDIX C

VTEM WAVEFORM



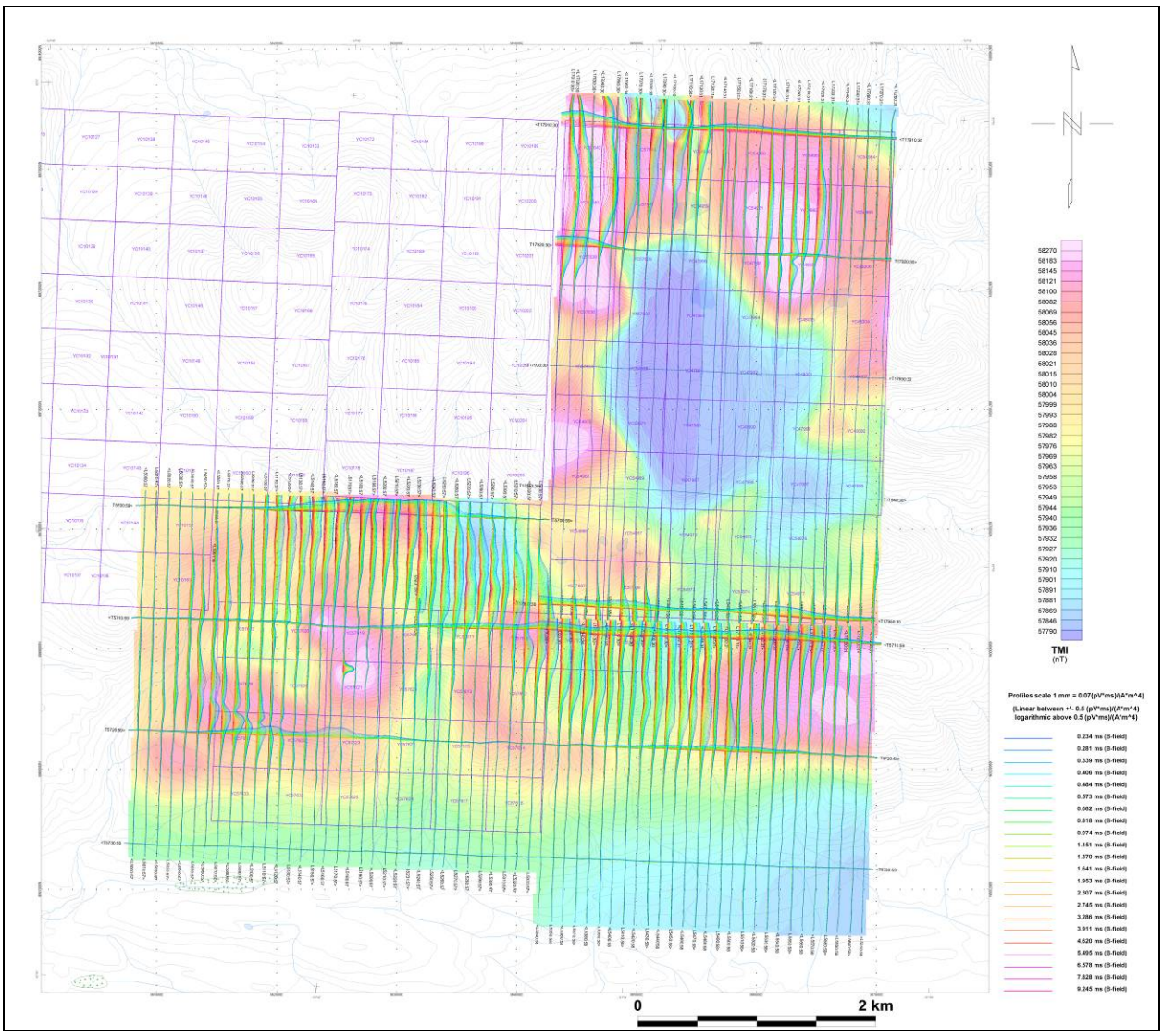
APPENDIX D

GEOPHYSICAL MAPS[1]

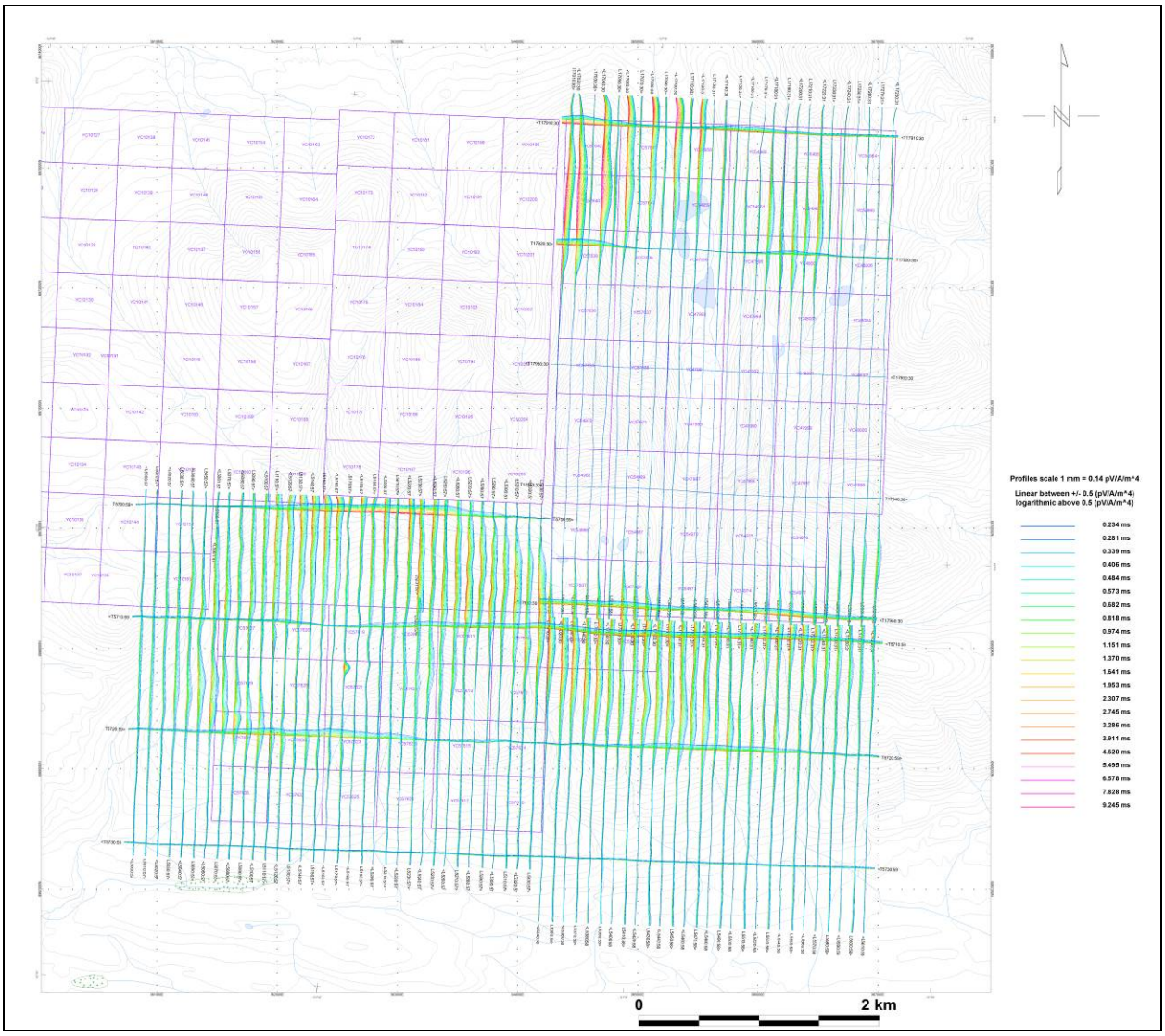


Fairweather Property: Total Magnetic Intensity (TMI)

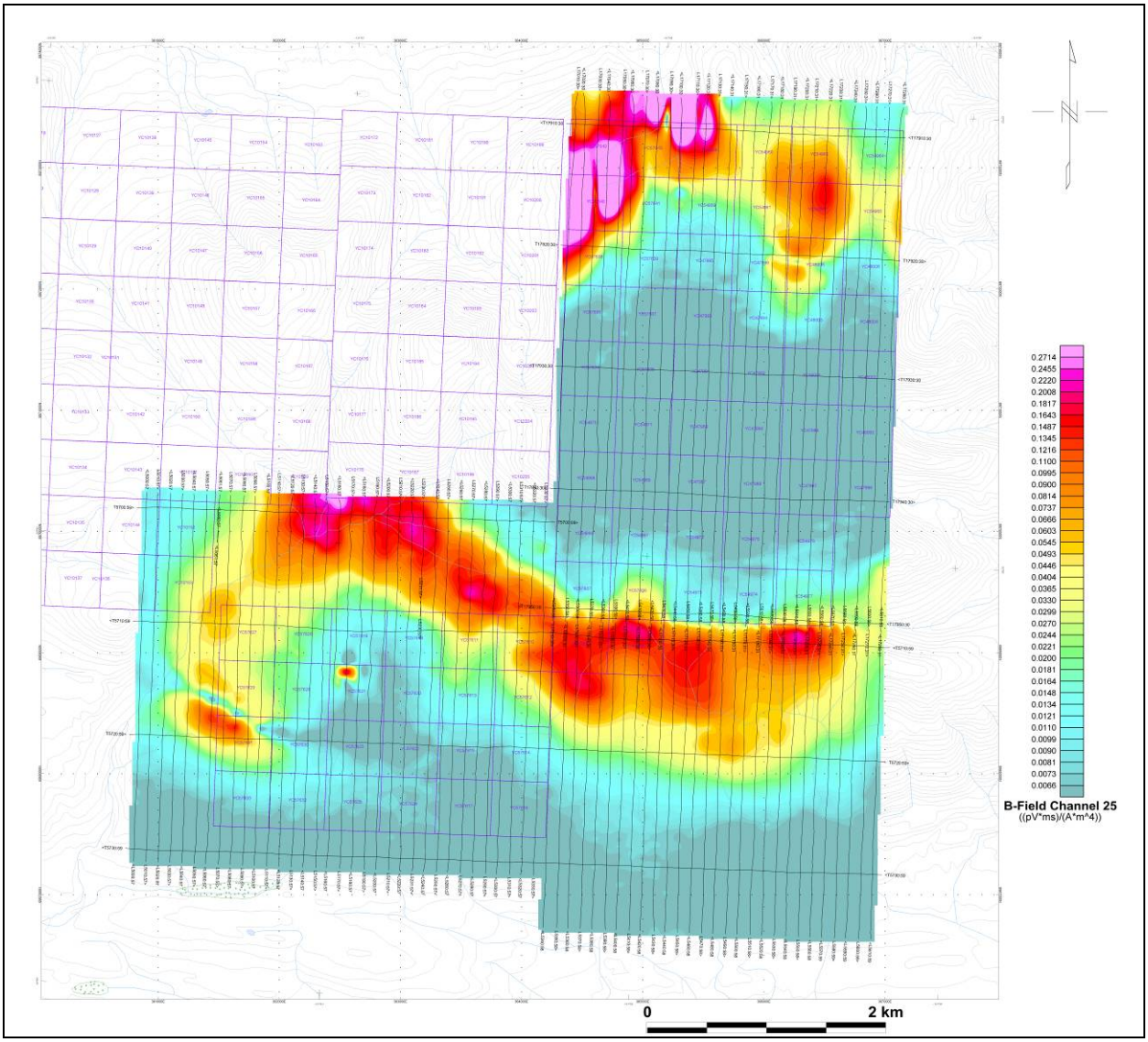
[1] Note: Present maps are a selection of the final geophysical maps. Full size geophysical maps are also available in PDF format on the final DVD.



Fairweather Property: VTEM B-Field Profiles – Time Gates 0.234 to 9.245 ms, over TMI



Fairweather Property: VTEM dB/dt Profiles
- Time Gates 0.234 to 9.245 ms



Fairweather Property: VTEM B-Field Contours
- Time Gate 1.641 ms

APPENDIX E

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 556,400 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 4.2 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 on and 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.

General Modeling Concepts

A set of models has been produced for the Geotech VTEM® system with explanation notes (see models C1 to C18). The Maxwell ™ modeling program (EMIT Technology Pty. Ltd., Midland, AU) used to generate the following responses assumes a resistive half-space. 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. Only concentric loop systems can succefully map this type great variety of targets.

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 C-1 & C-2 and C-5 & C-6 at two different depths, all other parameters remaining constant. With this transmitter-receiver geometry, the classic **M** shaped response is generated. Figures C-1 and C-2 show 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. Figures C-5 and C-6 show 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. Figures C-3 & C-4 and C-7 and C-8 show a near surface plate dipping 80º at two different depths. 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. For example, for a plate dipping 45º, the minimum shoulder starts to vanish. In Figures C-9 & C-10 and C-11 & C-12, 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.

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

Variation of Prism Dip

Finally, with thicker, 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-13 & C-14 and C-15 & C-16 show the same prism at the same depths with variable dips. Aside from the expected differences asymmetry prism anomalies show a characteristic change from a double-peaked anomaly to single peak signatures.

I. THIN PLATE

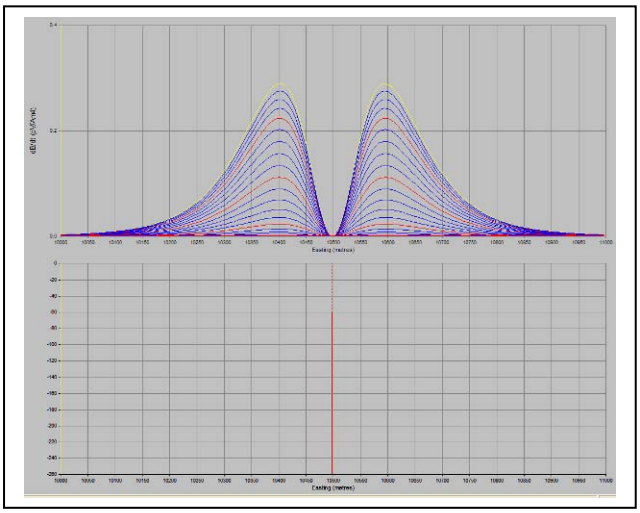


Figure C-1: dB/dt response of a shallow vertical thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

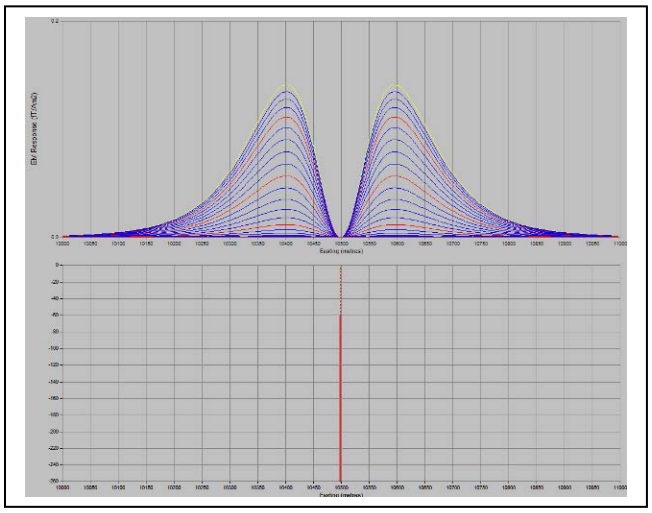


Figure C-2: B-field response of a shallow vertical thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment.

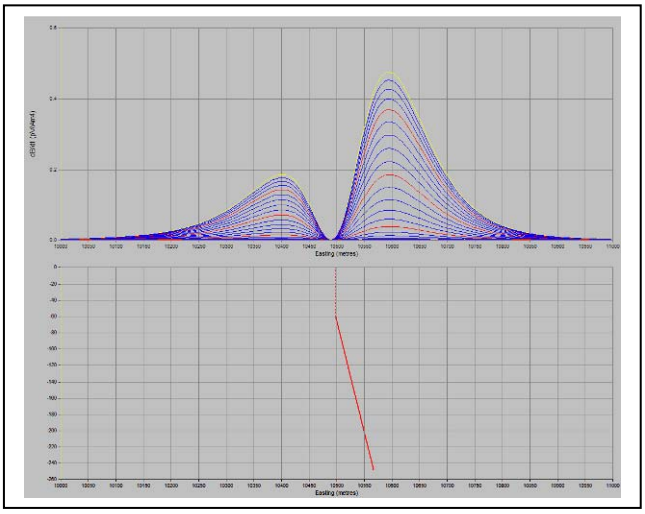


Figure C-3: dB/dt response of a shallow skewed thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

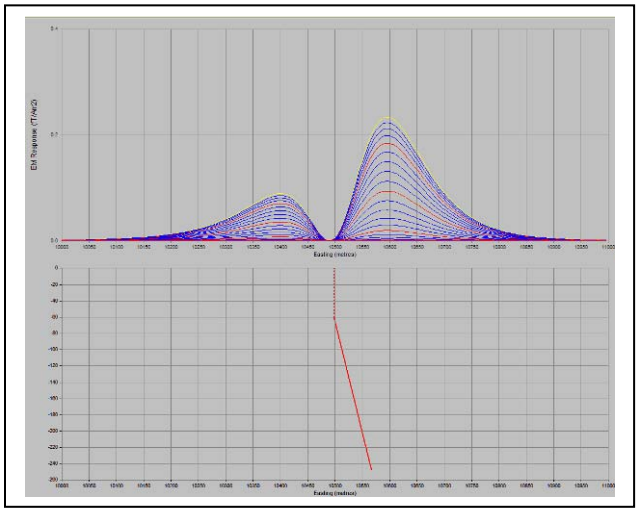


Figure C-4: B-field response of a shallow skewed thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment.

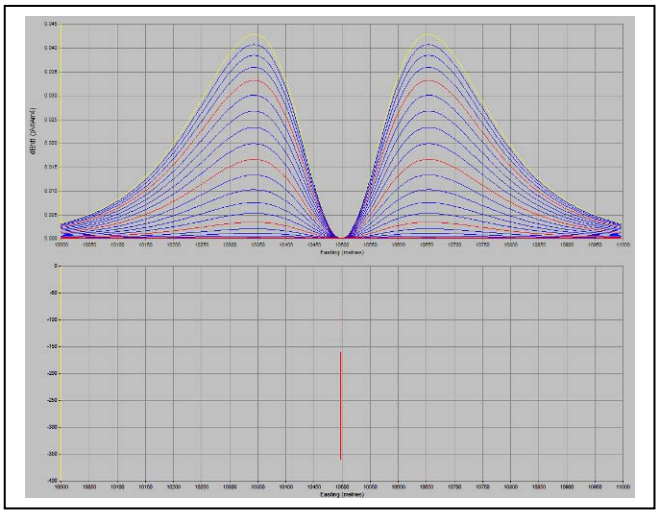


Figure C-5: dB/dt response of a deep vertical thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

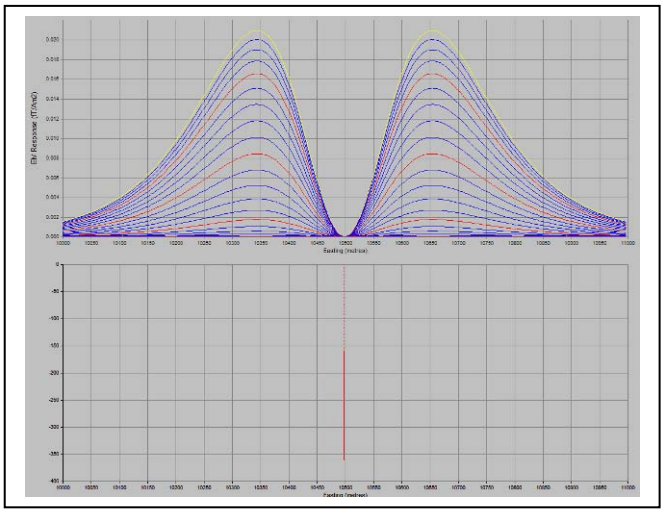


Figure C-6: B-Field response of a deep vertical thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment.

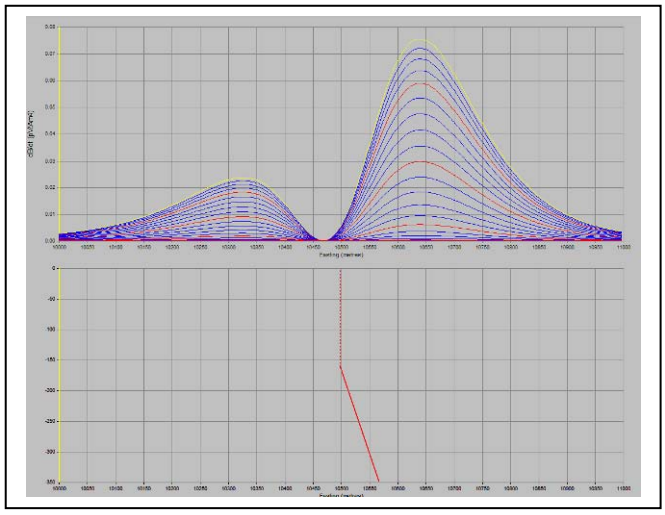


Figure C-7: dB/dt response of a deep skewed thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

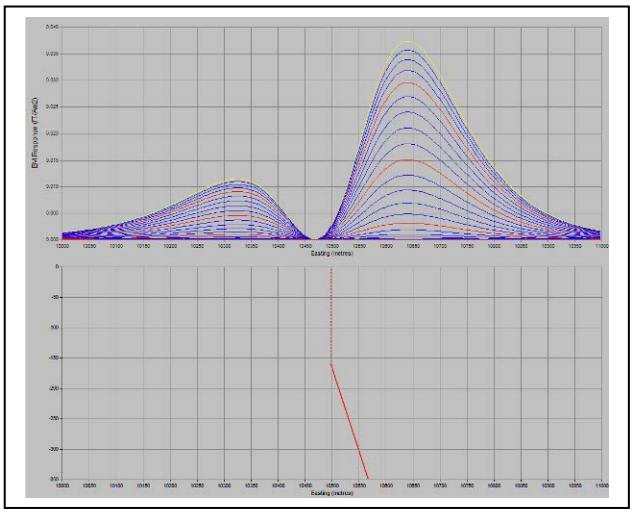


Figure C-8: B-field response of a deep skewed thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment.

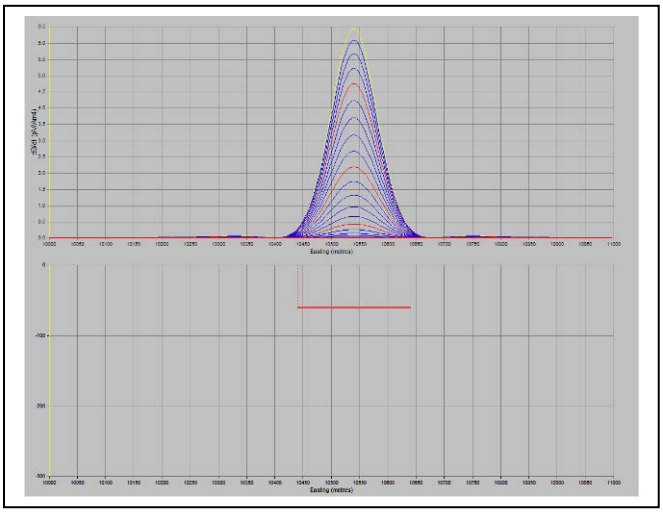


Figure C-9: dB/dt response of a shallow horizontal thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

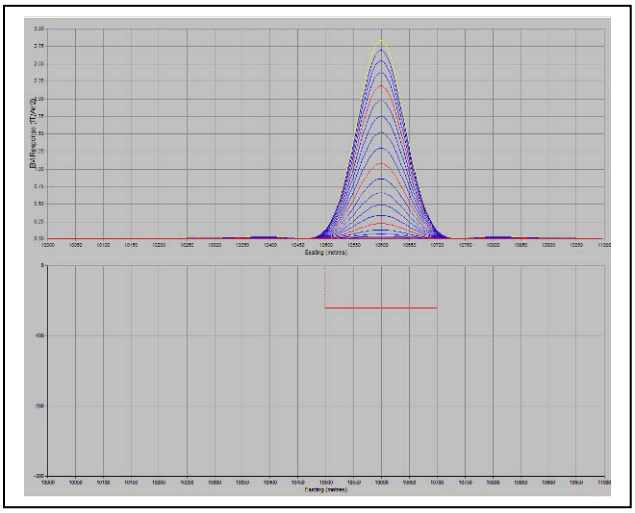


Figure C-10: B-Field response of a shallow horizontal thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment.

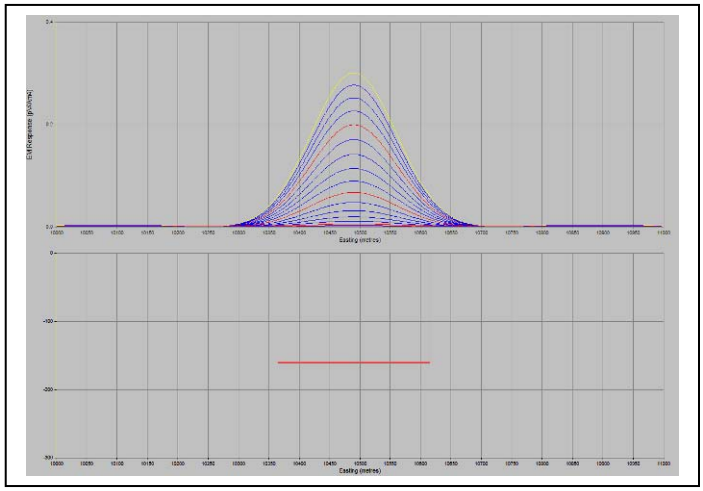


Figure C-11: dB/dt response of a deep horizontal thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

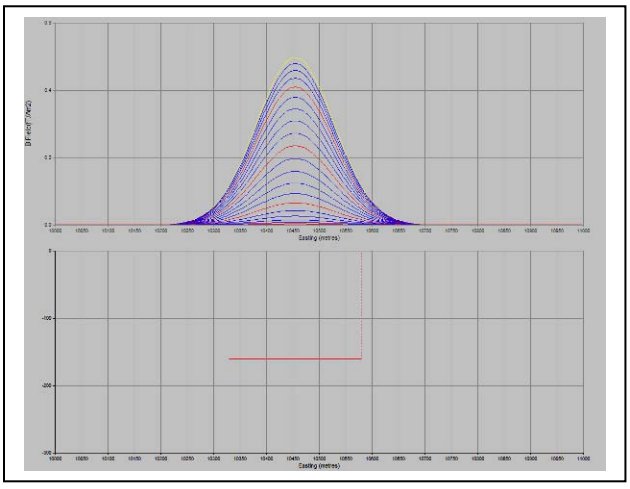


Figure C-12: B-Field response of a deep horizontal thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment.

II. THICK PLATE

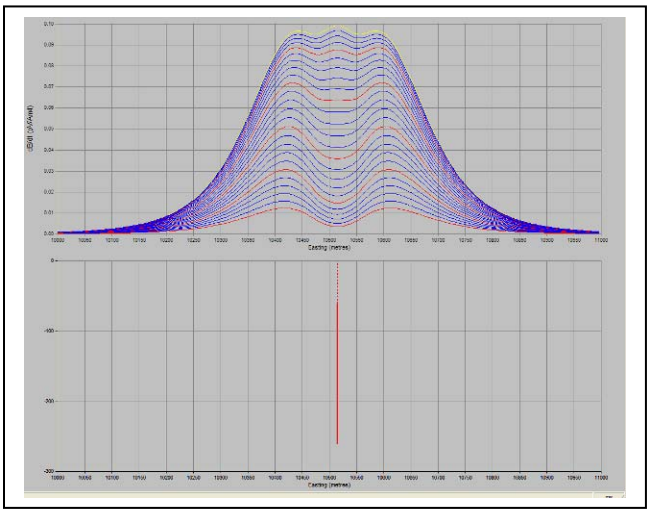


Figure C-13: dB/dt response of a shallow vertical thick plate. Depth=100 m, C=12 S/m, thickness=20 m. The EM response is normalized by the dipole moment and the Rx area.

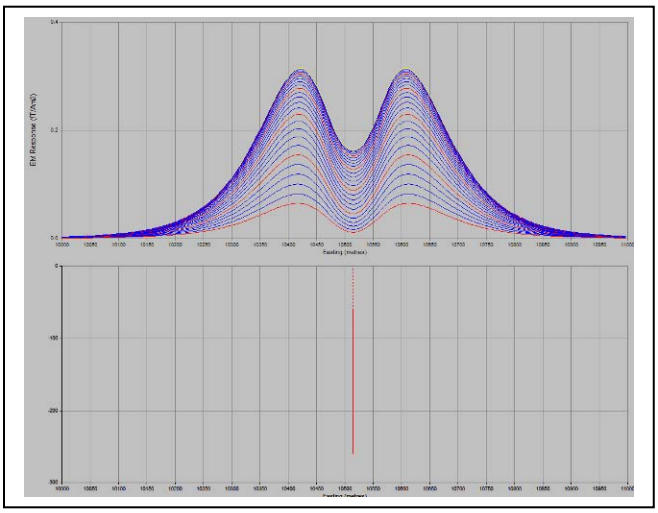


Figure C-14: B-Field response of a shallow vertical thick plate. Depth=100 m, C=12 S/m, thickness= 20 m. The EM response is normalized by the dipole moment.

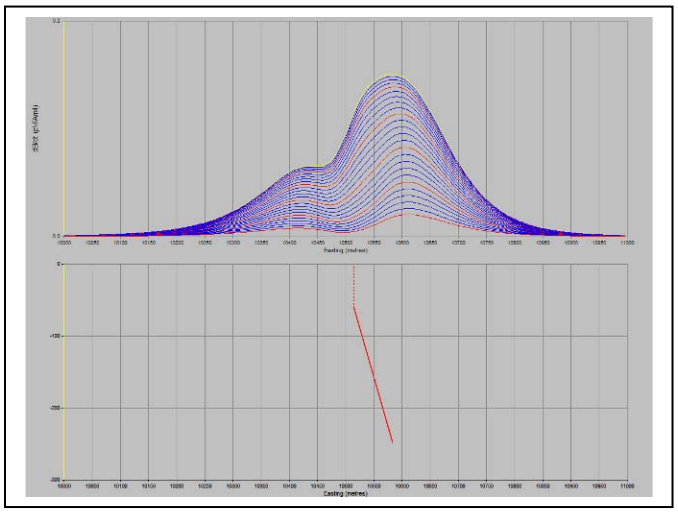


Figure C-15: dB/dt response of a shallow skewed thick plate. Depth=100 m, C=12 S/m, thickness=20 m. The EM response is normalized by the dipole moment and the Rx area.

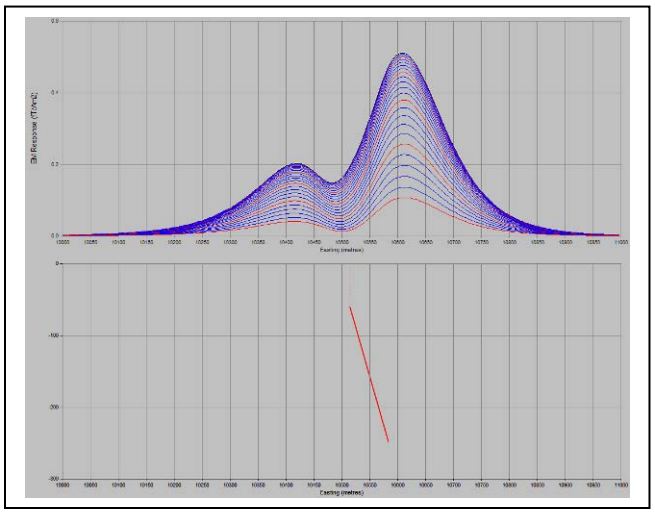


Figure C-16: B-Field response of a shallow skewed thick plate. Depth=100 m, C=12 S/m, thickness=20 m. The EM response is normalized by the dipole moment.

III. MULTIPLE THIN PLATES

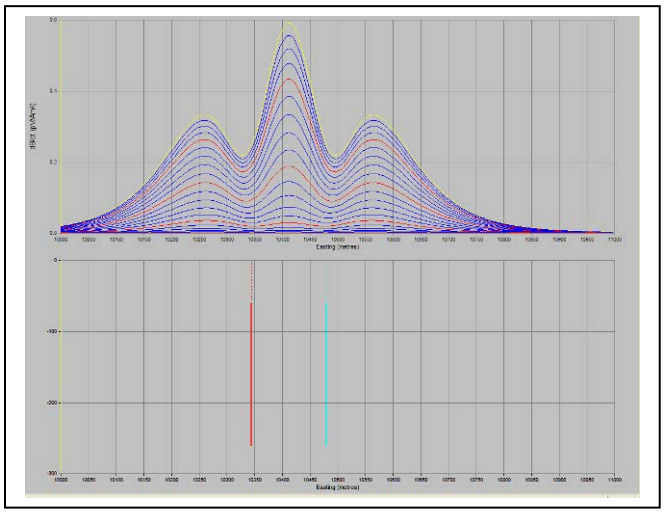


Figure C-17: dB/dt response of two vertical thin plates. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

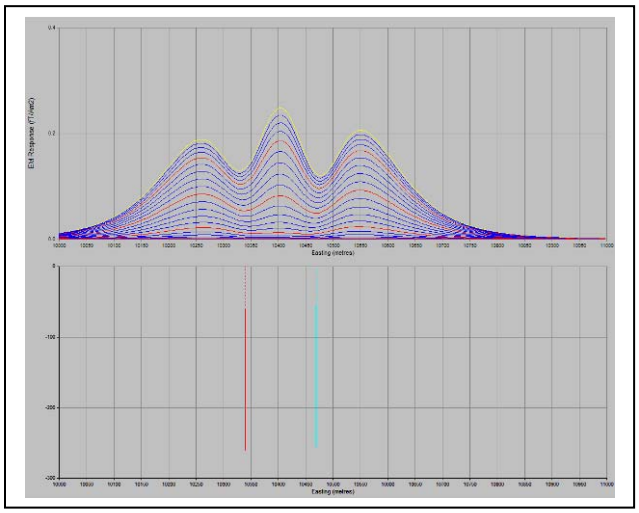


Figure C-18: B-Field response of two vertical thin plates. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment.

General Interpretation Principals

Magnetics

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

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

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

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

Theoretically, the second derivative, zero contour or color 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 surficial 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.

_____

Roger Barlow
Consultant

_____

Nasreddine Bournas, P. Geo.
Geotech Ltd.

December 2008

APPENDIX VII

GEOLOGICAL AND GEOTECHNICAL DRILL LOGS

PROJECT Fairweather

PROPERTY: Fairweather

HOLE: DDH-FW08-01

Easting	Northing	Elev.	Depth (m)
365257	6970246	1773	304.8

Contractor:
Drill:

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar							
304.8	117	-48					

Core size: BTW
Cassing depth: 3.05 (m) out

Drilling dates: July 13-18,2008

Logged by: D. Gregory

Target: _____

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments

SAMPLES	
Numbers:	H237601 - H237701
Total:	101
Date sent:	

COMMENTS

PROPERTY: Fairweather **HOLE:** DDH-FW08-01

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.		MINERALS po	bornite	cpy	mal	aspy	SAMPLES From (m)	To (m)	Interval (m)	Sample	Au (ppm)	Cu (ppm)	Blocks From (m)	To (m)	Intvl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weathering	Hardness	JOINTS Frequency	Attitude	Shape	Roughness	Infilling
v	60	3.05	39.08	36.03					drk gy granodiorite coarse grained with crystals up to 2mm in dia 30% qtz, 45% plag, 10% bio 15% hrnbld (some hrnblds up to 2 mm by 1 cm) with minor diss. po. Every 2 m there are 1-3 mm wide qtz calcite veins (~35% calcite and 65% qtz) with lite gn alt extending into country rock up to 1 cm from veins (chl alt). Veins contain blebs of po 1-2 mm in dia making up ~15% of veins +/- chalcopyrite. Fractures occur every 10-30 cm and have a lite bn stain. Drk gy cherty xenoliths occur ~ 1 per 5 m of variable size; max 20 cm dia, usually 6 cm)	t		minor		t		3.05	6.05	3.00	H237601	0.005	89	3.05	6.10	3.05	2.45	80	1.58	52	FR	MS	2	30	2	3	A
										t		minor		t			6.05	9.05	3.00	H237602	0.01	59	6.10	9.14	3.04	2.56	84	1.42	47	SW	MS	3	20	5	3	A
										t		minor		t			9.05	12.05	3.00	H237603	0.012	89	9.14	12.19	3.05	2.41	79	1.49	49	MW	MS	3	30	3	3	A/Qz
										t		minor		t			12.05	15.05	3.00	H237604	0.003	143	12.19	15.24	3.05	2.80	92	2.49	82	FR	S	2	40	5	3	A
									@ 11.26 m a 2 cm wide calcite vein with no sulphide or limonization	t		minor		t																							
									@ 11.81 m a 2 mm wide veinlet (qtz/calcite) with ~ 10% cpy, after this veinlets tend to average ~ 1-5% cpy generally rimming the po.	t		minor		t																							
									from 15.69 m qtz / calcite veinlets tend to contain 20-40% cpy and equivalent amounts po.	t		minor		t			15.05	18.05	3.00	H237605	0.068	82	15.24	18.28	3.04	2.82	93	2.15	71	SW	S	3	40	5	3	A/Qz
																	18.05	21.05	3.00	H237606	0.027	461	18.28	21.33	3.05	2.80	92	2.26	74	SW	MS	4	30	2	3	A/Cp
									by 21.33 m diss. po in rock down to t amount	t		t		t			21.05	24.05	3.00	H237607	0.057	245	21.33	24.38	3.05	2.82	93	1.18	39	SW	MS	4	30	3	3	A/Qz
																	24.05	27.05	3.00	H237608	0.014	57	24.38	27.43	3.05	2.98	98	2.56	84	SW	MS	3	25	3	3	A
									from 26.30 mineralized qtz/calcite veins are ~50/50 po and cpy ~ 5% each.	t		t		t			27.05	30.05	3.00	H237609	0.001	144	27.43	30.48	3.05	2.65	87	1.39	46	SW	MS	2	20	2	3	A/Cp/pyrhotite
									26.50-35.00m v thin qtz/calcite veins occur at 70-90 degrees to core axis ~ every 0.5-1 m appart. These are non-mineralized veins.	t		t		t			30.05	33.05	3.00	H237610	0.007	55	30.48	33.53	3.05	3.05	100	2.85	93	FR	S	2	20	2	3	A/Pyrhotite
									32.39-33.39m mineralized qtz/cal. veins occur every 30 cm but go back to every 2m past interval	t		t		t			33.05	36.05	3.00	H237611	0.026	127	33.53	36.58	3.05	2.89	95	1.85	61	SW	MS	5	30	2	3	A/Qz/Calcite
F?		39.08	67.06	27.98					~50% altered to med bn cly with unaltered granodiorite every 1-2 m.	t	s-50%						36.05	39.08	3.03	H237612	0.003	72	36.58	39.62	3.04	2.86	94	1.71	56	SW	MS	4	20	5	3	A/Qz/Calcite
																	39.08	42.08	3.00	H237613	0.034	65	39.62	42.67	3.05	2.05	82	0.41	13	FR	VW	2	30	2	2	A/Cy
																	42.08	45.08	3.00	H237614	0.04	212	42.67	45.72	3.05	2.34	77	0.10	3.3	FR	EW		30	5	2	A/Cy
																	45.08	48.08	3.00	H237615	0.125	86	45.72	48.79	3.05	2.45	80	0.45	15	FR	EW		35	3	2	A/Cy/Qz
v	60								@ 50.00 m ~50% stick granodiorite core and 505 cly alt granodiorite. Stick granodiorite same as above with t. diss po and qtz/calcite veinlets parrallel to main fracture containing ~20% po and up to 5% cpy (estimated every 2 m but difficult to tell due to cly alt)	t	s-30%						48.08	51.08	3.00	H237616	0.007	125	48.77	51.82	3.05	2.70	90	0.77	25	FR	EW		30	5	2	A/Cy/Qz
																	51.08	54.08	3.00	H237617	0.009	101	51.82	54.86	3.04	2.35	77	0.38	13	FR	VW		25	2	2	A/Cy
v	65								by 55.60 m frequency of qtz calcite veins increases to every 50 cm where not cly altered at 57.53 m and 57.63 m 5 mm wide unmineralized calcite veins.	t							54.08	57.08	3.00	H237618	0.033	384	54.86	57.90	3.04	2.54	84	0.60	20	FR	VW		10	4	2	A/Cy
																	57.08	60.08	3.00	H237619	0.048	252	57.90	59.44	1.54	1.25	81	0.12	7.8	FR	EW		30	2	2	A/Cy
																							59.44	60.35	0.91	0.66	73	0.20	22	FR	VW		10	5	2	A/Cy
									by 61.50 m back to normal qtz/calcite vein freq. back to every 1-2 m.	t							60.08	63.08	3.00	H237620	0.093	300	60.35	62.18	1.83	1.14	62	0.34	19	FR	S		10	5	3	A
		67.06	120	52.94					solid granodiorite with 1-2 cm cly intervals every 0.5-1.5 m no more chloritization of mafics. Qtz / calcite veinlets with s. limonization <1mm thick with t. po +/- cpy occur every 10-40 cm (ave ~ every 20 cm)			t		t			63.08	67.06	3.98	H237621	0.097	267	62.18	65.84	3.66	3.06	83	0.84	23	FR	EW		30	2	2	A/Cy

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Struct.		LITHOLOGY								ALT.		MINERALS					SAMPLES						Blocks			GEOTECHNICAL							JOINTS				
																										REC		RQD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:			po	bornite	cpy	mal	aspy	From (m)	To (m)	Interval (m)	Sample	Au (ppm)	Cu (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
																							65.84	67.06	1.22	0.80	66	0.00	0	FR	EW				3	A/Cy
																	67.06	70.06	3.00	H237622	0.257	286	67.06	68.58	1.52	1.48	97	0.70	46	FR	W	4	10	5	3	A/Cy
																							68.58	70.10	1.52	1.52	100	0.62	41	FR	MS	6	20	3	3	A
																	70.06	73.06	3.00	H237623	0.183	413	70.10	72.85	2.75	2.59	94	1.62	59	FR	MS	6	20	3	3	A/Qz
									73.20-77.11 m frequency of veins up to every 5-10 cm; mostly limonite with minor po and cpy (limonite likely altered sulphides)			t		t			73.06	76.06	3.00	H237624	0.274	585	72.85	74.68	1.83	1.73	95	0.45	25	FR	MS	6	20	2	3	A
																							74.68	76.20	1.52	1.49	98	0.60	40	FR	W	6	20	2	3	A/Bk
									past 77.11 m frequency of veins ~ 2 per 1 m.			t		t			76.06	79.06	3.00	H237625	0.023	502	76.20	77.11	0.91	0.86	95	0.25	28	FR	W	8	20	2	3	A/Cy/Bk
																							77.11	79.25	2.14	1.57	73	0.59	28	FR	W	8	20	2	3	A/Cy/Bk
																	79.06	82.06	3.00	H237626	0.022	440	79.25	80.77	1.52	1.36	90	0.50	33	FR	MS	8	10	5	3	A
																							80.77	83.21	2.44	2.30	94	0.85	35	FR	W	10	30	5	3	A/Fe/Bk
																	82.06	85.07	3.01	H237627	0.043	312	83.21	84.73	1.52	1.20	79	0.17	11	FR	MS	4	20	5	3	A/Bk
																							84.73	85.35	0.62	0.62	100	0.15	24	FR	MS	2	42	3	3	A/Bk
v	55								from 85.34 m cly alt restricted to v. minor bands diss. sulphide up to 1% of rock (of which ~75% is po and 25% is cpy) limonite coated veinlets occur on 1 per 1 m and rarely show visible sulphides. Minor chl alt near cly bands	min	minor	0		0			85.07	88.07	3.00	H237628	0.124	440	85.35	88.39	3.04	2.78	91	1.51	50	FR	MS	5	30	5	3	A/Cy/Bk
																	88.07	91.07	3.00	H237629	0.346	493	88.39	91.44	3.05	2.53	83	1.25	41	FR	MS	6	35	5	3	A/Cy/Bk
																	91.07	93.07	2.00	H237630	0.154	443	91.44	94.49	3.05	2.91	95	1.42	47	FR	MS	8	30	3	3	A/Cy/Bk
																	93.07	96.07	3.00	H237631	0.22	340	94.49	97.53	3.04	2.71	89	1.59	52	FR	MS	10	35	3	3	A/Cy/Bk
									96.07-96.64 m heavily cly altered (fract filled) cly with slight gn tinge								96.07	99.07	3.00	H237632	0.056	225	97.53	100.58	3.05	2.94	96	0.90	30	FR	W	3	30	5	3	A/Cy/Bk/Fe
		0		0					96.64-98.53 m same granodiorite with t diss po and 1 qtz veinlet 2mm wide with minor po and t cpy.			t																											
		0		0					98.53-101.75m many fractures (core in ~2cm to 6 cm long pieces) with s cly alt on edge of fractures and extend 0.5 cm into rock.		minor	t					99.07	102.07	3.00	H237633	0.072	233	100.58	103.63	3.05	2.99	85	1.22	40	FR	MS	4	30	5	3	A/Cy/Bk
v	55	0		0					from 101.75 m regular granodiorite with ~0.5% po +/- cpy from 101.75-103.63 m <<1mm wide cpy stringers every 20-40 cm.			t					102.07	105.07	3.00	H237634	0.212	196	103.63	106.68	3.05	2.55	84	0.90	30	FR	MS	8	20	5	3	A/Bk/Fe
		0		0					past 103.63m s limonite coating on fractures. At 110.93m fleck mal. on fracture			t			t		105.07	108.07	3.00	H237635	0.256	228	106.68	109.73	3.05	2.60	85	0.69	23	FR	MS	8	18	5	3	A/Bk/Fe
																	108.07	111.07	3.00	H237636	0.368	340	109.73	112.77	3.04	2.80	92	1.72	57	FR	MS	7	20	5	3	A/Bk/Fe
																	111.07	114.07	3.00	H237637	0.392	196	112.77	115.82	3.05	2.51	72	1.27	42	FR	MS	5	30	5	3	A/Cy/Bk/Fe
		0		0					114.77-120.00m granodiorite with t diss po and cpy; one fleck bornite. fractures ~10-50 cm apart with med bn limonite stain and clay alt extending 0.5 cm in to wall rock ~ 20% mal on fracture face.			t	t		t		114.07	117.07	3.00	H237638	0.6	234	115.82	118.87	3.05	2.93	96	1.71	56	FR	MS	4	25	3	3	A/Bk
																	117.07	120.07	3.00	H237639	0.037	72	118.87	121.92	3.05	3.01	99	2.09	69	FR	MS	6	25	3	3	A/Bk/Fe
v	63	120	126.5	6.49					Granodiorite (same as above) with t po +/- cpy with w limonite stain on fractures. Rare qtz veinlets parrallel to fractures with up to 15% cpy.			t		t			120.07	123.07	3.00	H237640	0.025	178	121.92	124.97	3.05	2.61	86	1.82	60	FR	MS	5	30	3	3	A/Bk/Fe/Qz
																	123.07	126.07	3.00	H237641	0.012	137	124.97	126.44	1.49	1.31	88	0.95	64	FR	MS	5	25	3	3	A/Bk
		126.5	139	12.5					Granodiorite (same as above) with ~35% of interval s-xtreme cly alt over intervals up to 40 cm long.		s-xtreme	t		t			126.07	129.07	3.00	H237642	0.065	191	126.44	127.10	0.61	0.61	100	0.21	34	FR	MS	3	30	3	3	A/Bk/Qz
																							127.10	128.63	1.53	1.38	90	0.26	17	FR	MS	2	15	3	3	A/Bk
																	129.07	132.07	3.00	H237643	0.085	219	128.63	130.45	1.82	1.82	100	0.70	38	FR	W	8	25	5	3	A/Cy/Bk
																							130.45	132.58	2.13	1.97	92	0.30	14	FR	W	4	30	5	3	A/Cy/Bk
									131.50 m only ~15% cly alt usually in zones no more than 10 cm long. Minor mal. within the cly alt zones.		s-xtreme	t		t	minor		132.07	135.07	3.00	H237644	0.011	303	132.58	133.50	0.92	0.82	89	0.26	28	FR	W	3	40	5	3	A.Cy/Bk

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Struct.		LITHOLOGY								ALT.		MINERALS					SAMPLES						Blocks			GEOTECHNICAL							JOINTS					
																										REC		RQD										
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:			po	bornite	cpy	mal	aspy	From (m)	To (m)	Interval (m)	Sample	Au (ppm)	Cu (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
		139	157.3	18.35					granodiorite with minor (every 50 cm ~5 cm wide) of s-xtreme cly alt. These zones contain limonite and rarely malacite. Rare diss po in granodiorite. Limonite stain on fratures. Near cly alt zones 0.5-1 cm wide s chloritization of mafics zone. Likely these are better developed versions of the qtz calcite veinlets noted earlier. Rare malacite stain near centre of cly alt zones.	s	s-xtreme											133.50	134.11	0.61	0.43	71	0.00	9	FR	W			5	3	A/Cy/Bk
									@ 149.20 pink cly alt on fract (K-spar alt?)													134.11	135.33	1.22	1.03	84	0.48	39	FR	W	2	15	5	3	A/Cy/Bk
		0		0					after 152.40 m cly alt more intense (~10% of rock) and rock is strongly fractured (possibly originally had more cly but drillers washed away leaving solid residue). Sulphides appear to be leached in this area.								135.07	138.07	3.00	H237645	0.021	428	135.33	136.86	1.53	1.51	99	0.51	33	FR	MS	8	15	5	3	A/Cy/Bk/Fe
																							136.86	137.77	0.91	0.86	95	0.22	24	FR	MS	2	15	5	3	A/Cy/Bk
																							137.77	138.07	0.30	0.30	100	0.24	80	FR	MS	1	16	5	3	A/Bk
																	138.07	141.07	3.00	H237646	0.059	334	138.07	138.99	0.92	0.75	82	0.10	11	FR	W	3	20	5	3	A/Cy/Bk
																							138.99	141.12	2.13	2.13	100	0.87	49	FR	MS	6	20	5	3	A/Cy/Bk
																	141.07	144.07	3.00	H237647	0.086	282	141.12	142.95	1.83	1.50	82	0.56	31	FR	MS	3	30	5	3	A/Bk
																							142.95	144.17	1.22	0.99	81	0.42	34	FR	MS	5	30	5	3	A/Cy/Bk/Fe
																	144.07	147.07	3.00	H237648	0.051	220	144.17	145.08	0.91	0.91	100	0.00	0	FR	MS	4	30	5	3	A/Bk
																							145.08	146.60	1.52	1.21	80	0.63	41	FR	MS	5	25	5	3	A/Cy/Bk/Fe
																							146.60	147.22	0.62	0.47	76	0.00	0	FR	MS	3	15	3	3	A/Cy/Bk
																	147.07	150.07	3.00	H237649	0.013	472	147.22	148.74	1.52	1.48	97	1.08	71	FR	MS	5	30	5	3	A/Bk/Fe
																							148.74	149.04	0.30	0.30	100	0.12	40	FR	MS	2	30	5	3	A/Bk
																							149.04	149.65	0.62	0.50	81	0.24	39	FR	MS	3	35	5	3	A/Bk/Fe
																	150.07	153.07	3.00	H237650	0.043	304	149.65	151.79	1.53	1.09	71	0.50	33	FR	MS	4	20	5	3	A/Bk
																							151.79	152.40	0.61	0.40	66	0.16	26	FR	MS	1	10	5	3	A/Cy/Bk
																							152.40	153.01	0.61	0.35	57	0.11	18	FR	W				3	A/Cy/Bk
																	153.07	156.07	3.00	H237651	0.012	237	153.01	153.92	0.91	0.64	70	0.00	0	FR	W				3	A/Cy/Bk
																							153.92	155.45	1.53	1.53	100	0.25	16	FR	MS				3	A/Bk
																							155.45	156.39	0.91	0.59	65	0.00	0	FR	MS				3	A/Bk
		157.3	174	16.63					granodiorite with t diss po +/- cpy and stringer qtz +/- calcite veins <<1 mm to 2 mm wide containing up to 20% blebby po and 15% blebby cpy occur ~ every 1 m. Near veinlets mod chloritization of mafics is common.	mod		t		t			156.07	159.07	3.00	H237652	0.234	209	156.39	158.49	2.10	2.09	100	1.11	53	FR	W	4	20	3	3	A/Cy/Bk
																	159.07	162.07	3.00	H237653	0.016	132	158.49	160.02	1.53	1.53	99	1.35	88	FR	MS	4	15	3	3	A/Bk
																							160.02	161.54	1.52	1.40	92	0.51	34	FR	MS	9	15	5	3	A/Bk
									161.54-165.50 m veinlets tend to have 0.5 cm mod cly alt on their margins +/- w malacite stain		mod	t		t	t	162.07	165.07	3.00	H237654	0.007	124	161.54	163.37	1.83	1.65	90	0.77	42	FR	MS	8	15	5	3	A/Bk
																							163.37	165.50	2.13	1.96	92	1.14	53	FR	MS	7	20	5	3	A/Cy/Bk
									165.50-169.47 m a lot of scraping of drill bit giving core a copper coloured surface.								165.07	168.07	3.00	H237655	0.006	160	165.50	167.64	2.14	1.91	89	1.06	50	FR	MS				3	A/Bk/Fe
																	168.07	169.47	1.40	H237656	0.047	77	167.64	169.47	1.83	1.57	86	0.86	47	FR	MS	6	30	2	3	A/Bk/Fe
									169.47-172.82 m veinlets increase in size up to 4 mm wide; though sulphide content remains ~ equivalent.								169.47	172.47	3.00	H237657	0.134	158	169.47	171.30	1.83	1.55	85	1.41	77	FR	MS	4	30	2	3	A/Bk
																							171.30	172.82	1.52	1.35	89	0.82	54	FR	MS	5	30	3	3	A
									172.82 - 173.57 m ~20% cly alt; occuring near fracture and coating them resulting in heavily broken core.								172.47	175.47	3.00	H237658	0.08	410	172.82	174.65	1.83	1.33	73	0.93	51	FR	MS	4	25	5	3	A/Bk/Fe

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																										REC		RQD										
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:			po	bornite	cpy	mal	aspy	From (m)	To (m)	Interval (m)	Sample	Au (ppm)	Cu (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling		
		174							granodiorite with veinlets ~ every 30-70 cm. Fractures have cly alt of fldspr up to 1 cm from vein and s chl alt of mafics up to 2 cm from veins. Veins are ~ 2mm wide and contain ~5-10% cpy +/- po +/- rare soft gy sulphide ~ 0.5-1% po diss through-out granodiorite +/- cpy. In more cly altered zones cpy nearly completely altered to malacite. One veinlet contained 1mm wide turquoise stringer.																174.65	175.87	1.22	0.83	68	0.00	0	FR	W	5	20	5	3	A	
																	175.47	178.47	3.00	H237659	0.034	281	175.87	178.31	2.44	2.31	95	1.08	44	FR	MS	4	20	5	3	A/Cy/Bk	
v	60	{184}							by 179.75 m only t. diss. pyrrhotite +/- cpy with no sulphide coating qtz +/- cal veinlets. Minor chl alt of mafics. T. mal stain, goethite stain on fractures	w		t			t		178.47	181.47	3.00	H237660	0.021	234	178.31	179.22	0.91	0.87	96	0.63	69	FR	MS	2	15	5	3	A/Cy/Bk/Fe	
																	Blank			H237905	0.001	3	179.22	181.36	2.14	1.88	88	0.73	34	FR	MS	4	25	5	3	A/Bk/Fe	
																	181.47	184.47	3.00	H237661	0.033	259	181.36	182.88	1.52	1.21	80	0.35	23	FR	MS	5	30	5	3	A/Cy/Bk/Fe	
																							182.88	185.93	3.05	2.80	92	1.98	65	FR	MS	4	20	3	3	A/Cy/Bk	
																	184.47	187.47	3.00	H237662	0.008	192	185.93	188.98	3.05	2.88	94	1.31	43	FR	MS	6	30	3	3	A/Cy/Bk/Fe	
v	59								186.43-187.23 m 3 veins 2-6 mm wide, equidistance appart of aspy. Fine grained with 1-2mm cly alt zones on either side of veins.		w					t	187.47	190.47	3.00	H237663	0.097	604	188.98	192.02	3.04	2.50	82	1.63	54	FR	MS	5	30	3	3	A/Bk/Cy/Fe	
v	59	{187.5}							from 187.23m t. diss. po with v. thin (<<1 mm) cpy veinlets ~ 1 per 50 cm. No chl alt.			t		t			190.47	193.47	3.00	H237664	0.007	250	192.02	195.07	3.05	2.30	75	0.80	26	FR	MS	4	25	5	3	A/Cy/Bk/Fe	
v	59								192.5-201.21m thin qtz veinlets with upt to 40% sulphide (50% po, 50% cpy) but averaging 20% sulphide every 10-20 cm withs chl alt haolos up to 3 mm from veinlets. 1% blebby diss po +/- cpy. Where sulphides occur away from vein usually associated with hrnbld	mod		0		t			193.47	196.47	3.00	H237665	0.008	258																
																	196.47	199.47	3.00	H237666	0.004	343	195.07	198.12	3.05	2.24	73	1.41	46	FR	MS	4	30	5	3	A/Cy/Bk	
D	68	200.4	201.2	0.78					slightly reddish gy aplite dyke with 5 cm band G.D. in the middle (xenolith?) Same vein mineralization as before but no disseminated.	mod		0		t			199.47	202.47	3.00	H237667	0.077	204	198.12	199.64	1.52	1.50	99	1.08	71	FR	MS	3	25	5	3	A/Bk	
																							199.64	202.69	3.05	2.97	97	2.64	87	FR	MS	3	15	5	3	A/Bk	
v	61								201.21-205.28 m G.D. with 1% diss po +/- cpy, up to 3% within 10 cm of veinlets. 50 cm apart 1-2 mm wide qtz +/- cal stringers that contain ave 20% sulphide (60% cpy / 40% po)	mod		0		t			202.47	205.47	3.00	H237668	0.008	223	202.69	203.91	1.22	0.76	62	0.00	0	FR	MS	4	30	5	3	A/Po	
																							203.91	205.74	1.83	1.72	94	0.39	23	FR	MS	7	35	5	3	A/Cy/Bk	
									205.28-207.14 m G.D. rare v thin qtz +/- cal stringers in granodiorite with 3-5% diss po +/- cpy (up to 1% cpy in short 10-20 cm intervals) and rare qtz +/- cal veinlets	mod		3-5%		t->1%			205.47	208.47	3.00	H237669	0.024	607	205.74	208.48	2.74	2.74	100	2.25	80	FR	MS	6	25	5	3	A/Bk	
v	61								207.14-207.92 m G.D. with rare qtz +/- cal stringers with up to 10% po +/- cpy	mod		t		t			208.47	211.47	3.00	H237670	0.02	712	208.48	211.53	3.05	3.05	100	2.58	85	FR	MS	5	15	3	3	A/Cp/Py	
v	60								207.92-211.00 m G.D. with 0.5-1% diss po +/ cpy ranging up to 3% po within 10 cm of veins. 5 mm wide qtz +/- cal veins with 2-65% sulphide (~65% cpy 35% po). Mafic minerals s alt to chl within 1-3 cm of veins. Veins occur every 10-30 cm.	mod		0.5-1%		t																										

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																									REC		RQD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:		po	bornite	cpy	mal	aspy	From (m)	To (m)	Interval (m)	Sample	Au (ppm)	Cu (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
v	61	{211}							211.00-213.50 m G.D. with ~1% diss po +/- cpy with amounts of diss sulphide steadily increasing up to 3% within 5 cm of veinlets 1-2mm qtz +/- calcite veinlets occur with ave 15% sulphide (66% cpy, 33% po) every 10-30 cm. Thickness of veins steadily increases to a max of 5 mm by end of interval, Near thicker veins s chl alt of mafics extends 2 cm into country rock.	mod	0		t			211.47	214.47	3.00	H237671	0.011	527	211.53	213.66	2.13	1.92	90	1.84	86	FR	MS	3	20	3	3	A/Cp/Py/Cal
v	62	{213}																																	
v	59	{216}							213.5-216.5 m G.D. with v thin qtz stringers with ~15% sulphide (66% cpy 33% po) every 10-40 cm. S chl alt of mafics up to 0.5 cm from margins of vein. 0.5-1% diss po +/- cpy with % diss. sulphide increasing with proximity to vein.	mod	0.5-1%		t			214.47	217.47	3.00	H237672	0.028	267	213.66	213.96	0.31	0.22	71	0.12	39	FR	MS	2	15	5	3	A
v	59	{218}							216.5-219.29 m G.D. with v thin qtz stringers with ~20% sulphide (50% po 50% cpy) every 75 cm. ~3% diss. blebby po +/-cpy (~0.5% cpy) s chl alt 2 cm from veinlets diss sulphides up to 5% near (within 10 cm of) veinlets.	mod	0		0										213.96	217.02	3.05	3.00	98	0.78	26	FR	MS	6	20	5	3	A/Bk
																217.47	220.47	3.00	H237673	0.02	284	217.02	220.07	3.04	3.02	99	2.52	83	FR	MS	5	15	5	3	A
v	57	{221}							219.29-222.15 m same as last but 0.5-1% diss po +/- cpy	mod	0.5-1%		t			220.47	223.47	3.00	H237674	0.018	282	220.07	220.98	0.91	0.90	99	0.82	90	FR	MS	4	15	5	3	A/Cp/Fe
v	62	{222.50}							222.15-224.50 m G.D. with 1-2% po +/- cpy veinlets ~20% sulphide 60% cpy 40% po every 30-50 cm .	mod	1-2%		t									220.98	224.03	3.04	2.81	92	1.84	61	FR	MS	7	15	5	3	A/Po/Cp/Qz
v	59	{226}							224.5-229.7 m G.D. with 0.5-1 % diss po +/- cpy. 1 mm wide qtz +/- cal veinlets with ~20% (60% cpy 40% po) every 30-50 cm. By 226.80 m veinlets occur ~ every 10 cm and contain 30% sulphide.	mod	0.5-1%		t			223.47	226.47	3.00	H237675	0.022	172	224.03	227.07	3.04	3.04	100	2.62	86	FR	MS	3	5	5	3	A/Cp/Po
v	62	{228}								mod						226.47	229.47	3.00	H237676	0.013	226	227.07	230.12	3.05	2.59	85	1.65	54	FR	MS	8	25	5	3	A/Cp/Po/Qz
v	63	{230}							229.7-234 m G.D. with 0.5% diss po +/- cpy. Qtz veins 2-3 mm wide containing ~ 30% sulphide (65% po 35% cpy) occur every 30-60 cm.	mod	0		t			229.47	232.47	3.00	H237677	0.019	350	230.12	231.65	1.53	1.53	100	1.25	82	FR	MS	7	25	5	3	A/Cp/Fe
v	55	{232}								mod						232.47	235.47	3.00	H237678	0.015	208	231.65	234.59	3.04	2.82	93	2.01	66	FR	MS	6	20	5	3	A/Bk
v	57	{234.5}							234-235.14 m G.D. with 3 % diss po +/- cpy +/- aspy. 3 mm wide qtz veinlets containing ~20% sulphide (60% po, 30% cpy, 10% aspy +/- soft gy fine grained sulphide mineral) every 10-20 cm.	mod	0		t		t																				
									235.14-237.05 m G.D. 1 % diss po +/- cpy with rare qtz stringers with 20% sulphide (50% po 50% cpy)	mod	0		t			235.47	238.47	3.00	H237679	0.016	471	234.69	236.22	1.53	1.53	100	1.53	100	FR	MS	2	10	5	3	A/
v	65	{237.50}							237.05-239.25 m G.D. ~0.5-1% diss po with 2 cm wide qtz stringers every 10-40 cm with ~30% sulphide (70% cpy 30% po)	mod	0.5-1%		t									236.22	237.74	1.00	1.07	75	0.82	58	FR	MS	4	30	5	3	A/Bk/Fe
v	61	{239}														238.47	241.47	3.00	H237680	0.013	219	237.74	240.79	1.42	2.92	96	2.14	70	FR	MS	6	35	5	3	A/Cp/Po
v	58								239.25-242.71 m G.D. 1-2% diss po +/- cpy. Qtz stringers (~1 per 1m) ~ 40% sulphide (50% po and 50% cpy) with mod chl alt through-out and s chl alt up to 2 cm from veinlets.	mod	1-2%		t																						

PROPERTY: Fairweather **HOLE:** DDH-FW08-01

Struct.		LITHOLOGY								ALT.	MINERALS					SAMPLES						Blocks			GEOTECHNICAL							JOINTS				
																									REC		RQD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:		po	bornite	cpy	mal	aspy	From (m)	To (m)	Interval (m)	Sample	Au (ppm)	Cu (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
									242.71-245 m 0.5-1% diss po +/- cpy and 1-2mm wide qtz +/- cal stringers every 30-50 cm with ~60% sulphide (66% cpy and 33% po)	mod	0.5-1%		t			241.47	244.47	3.00	H237681	0.013	318	240.79	243.84	3.05	3.05	100	2.70	89	FR	MS	4	30	3	3	A/Fe/Po/Cp
v	57	{245.5}							245-250.5 m Same as above but stringer veins sulphide composition 75% po and 25% cpy and stringers occur every 1 m.	mod	0.5-1%		t			244.47	247.47	3.00	H237682	0.011	234	243.84	246.89	3.05	3.03	99	2.55	84	FR	MS	3	25	5	3	A/Bk/Qz/Cp
v	60	{248.5}							@249.43 m 1 cm vein with ~ 20% cpy and 5% po with chl alt extending 2 cm either side.	mod	0.5-1%		t			247.47	250.47	3.00	H237683	0.005	261	246.89	249.93	3.04	2.70	89	2.18	72	FR	MS	4	25	3	3	A/Bk/Cp/Po
																250.47	253.47	3.00	H237684	0.008	401	249.93	252.98	3.05	2.42	79	2.13	70	FR	MS	3	20	3	3	A/Qz/Cp/Po/Fe
v	58	{253}							from 250.5 m G.D. with t diss po +/- cpy 2-3 mm qtz stringers occur every 20-50 cm with ~30% sulphide (~50% cpy and 50% po) with s chl alt 1-2 cm into the host rock.	mod	t		t			253.47	256.47	3.00	H237685	0.015	191	252.98	256.03	3.05	2.97	97	1.95	64	FR	MS	8	5	5	3	A/Cp/Po
v	62	{256.5}							after 257 m decreases to veinlets every 1 m with ~ 10% sulphide (50% po 50% cpy)	mod	t		t			256.47	259.47	3.00	H237686	0.018	223	256.03	259.08	3.05	2.93	96	2.50	89	FR	MS	2	20	5	3	A/Cp/Po
v	65	{259}							@259.18 m a 1 mm band aspy	mod						259.47	262.47	3.00	H237687	0.001	173	259.08	262.13	3.05	3.05	100	2.75	91	FR	MS	4	20	5	3	A/Fe/Qz
v	59	{260.75}							@260.74 m a 3 mm band po	mod						262.47	265.47	3.00	H237688	0.01	434	262.13	265.18	3.04	2.35	77	1.87	62	FR	MS	3	15	5	3	A/Fe
									by 263.64 m again ~ 5% diorite xenoliths with ~2% diss po in xenoliths	mod						265.47	268.47	3.00	H237689	0.011	130	265.18	268.22	3.04	2.88	95	1.96	65	FR	MS	4	25	5	3	A/Qz
									@265.36 m <1 mm wide veinlet aspy	mod						268.47	271.47	3.00	H237690	0.016	84	268.22	271.27	3.05	2.90	95	1.50	49	FR	MS	9	20	5	3	A/Cp/Qz
									no more xenoliths by 274.75 m	mod						271.47	274.47	3.00	H237691	0.003	60	271.27	274.32	3.05	2.99	98	2.60	85	FR	MS	4	30	5	3	A/Cp/Po
									275.50 - 276.24 m xtreme cly alt of granodiorite	mod						274.47	277.47	3.00	H237692	<0.001	35	274.32	277.36	3.10	3.08	99	1.54	50	FR	MS	7	30	5	3	A/Cy/Bk/Qz
									276.24-281 m s chl alt of mafics with minor cly along fractures . t. diss. po +/- cpy. Qtz stringers with 40% cpy ~ 1 per 2 m.	mod	t		t			277.47	280.47	3.00	H237693	0.003	66	277.36	280.42	3.05	2.50	82	1.00	33	FR	MS	7	30	5	3	A/Ca/Qz
v	63	{281.5}							281-286.82 m G.D. with s->xtreme cly alt zones 20 cm long every 1m. 1mm wide qtz veinlets with 20% cpy +/- po every 50-75 cm. One of these veinlets was 3 mm wide and had a s chl alt halo 2-3 cm into country rock and ~1% fine grained diss aspy.	mod	t		t			280.47	283.47	3.00	H237694	0.003	65	280.42	283.46	3.04	3.04	100	2.07	68	FR	MS	3	30	5	3	A/Cy/Bk/Ca
v	63								@ 285.62 m a 10 cm wide "ball" qtz vein zone with ~ 25% clean qtz and 75% intensely qtz flooded granodiorite. minor chl alt in zone.	mod						283.47	286.47	3.00	H237695	0.016	65	283.46	284.99	1.52	1.45	95	0.85	56	FR	MS	5	30	5	3	A/Cy/Bk/Ca
																				0.011	47	284.99	286.82	1.83	1.50	82	0.54	30	FR	MS	4	30	5	3	A/Ca/Po
v	63	{289}							286.82-291 m same as above but with 0.5 cm wide calcite veins ~ 1 per 1 m ; slightly erratic ranging from 60-80 dip. Xenoliths 5-15 cm dia occur ~ 1 per metre as well.	mod	t		t			286.47	289.47	3.00	H237696	0.011	47	286.82	289.56	2.74	2.74	100	2.50	91	FR	MS	4	30	3	3	A/Ca
																289.47	292.47	3.00	H237697	0.03	82	289.56	292.61	3.05	2.77	91	2.21	72	FR	MS	3	30	3	3	A/Cp/Ca
v	64	{291}							291-292 m G.D. with t diss po +/- cpy. qtz veinlets <1 mm wide with ~ 30% sulphide (50% cpy and 50% po) every 50 cm. t. diss po +/- cpy.	mod	t		t			292.47	295.47	3.00	H237698	<0.001	28	292.61	295.66	3.04	3.04	100	2.94	97	FR	MS	2	20	3	3	A/Arseno
v	64								292-298 m G.D. t diss po. No more cal veins. Qtz veinlets occur 1 per every 1.5 m with ~ 10% cpy and 10% po. One such vein at 295.5 m contains 2 mm dia aspy crystal (10%).	mod	t		t			295.47	298.47	3.00	H237699	0.001	56	295.66	298.70	3.04	3.01	99	2.80	92	FR	MS	3	20	3	3	A/Qz/Arseno/Cp
v	66									mod										<0.001	225														
v	64	{298.0}							298-304.8 m same as above but veinlets occur every 50 cm and s chl alt of mafics extends 1-2 cm into G.D.	mod						298.47	301.47	3.00	H237700			298.70	301.75	3.05	2.79	92	2.56	84	FR	MS	4	15	3	3	A/Cp
v	62	{301.5}														301.47	304.80	3.33	H237701	0.022	269	301.75	304.60	3.05	2.66	87	2.66	87	FR	MS	2	20	3	3	A/Bk/Cp
v	63	{303.5}														Blank			H237702	<0.001	2														
									EOH																											

PROJECT: Fairweather

PROPERTY: Fairweather

HOLE: DDH-FW08-02

Easting	Northing	Elev.	Depth (m)
366606	6971582	1591	332.23

Contractor:
Drill:

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar							
332.23	100	-45					

Core size: BTW
Cassing depth: 3.05 (m) out

Drilling dates: July 20-23, 2008

Logged by: D Gregory

Target: Mineralized fractures within granodiorite

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments
0	332.23	332.23	Kgd	

SAMPLES	
Numbers:	H237703-H237816
Total:	114
Date sent:	

COMMENTS

PROPERTY: Fairweather **HOLE:** DDH-FW08-02

LITHOLOGY										ALT.			MINERALS				SAMPLES							Blocks			GEOTECHNICAL						JOINTS					
Struct.																											REC		RQD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	chl	cly		po	cpy			From (m)	To (m)	Interval (m)	Sample		Au (ppm)	Cu(ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
		3.04							drk gy coarse grained G.D.; 60%, 20% qtz 6% blk bio, 5% bn biotite (phlogopite?) and 9% hrnbld. Mod alt of hrnbld to chl (or gn hornbld). ~ 5% xenoliths, sub-rounded usually 5 cm dia but up to 20 cm; main protolith likely med grained diorite with s chl alt. and often rich in sulphide than surrounding rock. Rare DMe xenoliths. qtz veins +/- cal with w comb texture. Occur ~1 per 1 m and are 1-3 cm wide. Near these veins (up to 2 cm away s chl alt of mafics) and w cly alt of fldspars. Rusty->purple limonite coating fractures. t->0.5% diss po +/- cpy.	mod			t	t			3.05	6.05	3.00	H237703		0.005	83	0.00	3.05	3.05	0.09	2.9	0.00	0	FR	S	-	-	-		3	Fe/Qz/Arseno/A
v	39	{5}							@ 8.40 m minor aspy coating fracture	mod														3.05	6.10	3.05	2.95		2.00		FR	S	4	15	5		3	Fe/Qz/A
																	6.05	9.05	3.00	H237704		0.02	141	6.10	9.14	3.04	2.90		2.71		FR	S	4	25	5		3	Fe/Qz/A
v	39	{8.40}							@ 9.00 m veins with minor jarosite in their centres, some veins up to 1 cm thick	mod							9.05	12.05	3.00	H237705		0.005	205	9.14	12.19	3.05	3.00		2.51		FR	S	4	35	3		3	Fe/Qz/A
v	42	{11.5}							by 10 m qtz veins have alt halos up to 10-15 cm away from them that are strongly chl altered and fine grained. On ave veins are 2% diss po +/- cpy (or limonite expected to be from weathered sulphides)	mod			t	t			12.05	15.05	3.00	H237706		0.004	112	12.19	14.63	2.44	2.37		1.58		FR	S	5	35	5		3	Fe/Bk/A
																	15.05	18.05	3.00	H237707		0.003	214	14.63	16.15	2.32	1.45		0.61		FR	S	8	30	5		3	Fe/A
																								16.15	18.29	2.14	2.01		1.67		FR	S	5	30	3		3	Fe/Qz/Bk/A
v	47	{14}							18.29 - 1950 m rare cpy stringers (<<1mm) +/- po and t diss po +/- cpy	mod			t	t			18.05	21.05	3.00	H237708		0.007	118	18.29	20.73	2.44	2.36		1.82		FR	S	5	30	3		3	Fe/A
									Qtz veining ends by 21.53 m, by end of interval 1.5 m appart and 1 cm wide.	mod							21.05	24.05	3.00	H237709		0.003	94	20.73	23.16	2.43	2.10		1.40		FR	S	6	35	5		3	Fe/Qz/Bk/A
									@ 15.73 m breccia body 6 cm wide with 30% subrounded qtz clasts 35% py and 35% fine grained gn matrix. Same alt halo as qtz veins.	mod							24.05	27.05	3.00	H237710		0.003	69	23.16	26.21	3.05	2.96		2.96		FR	S	3	35	5		3	A
b	52	{16.32}							@ 16.32 m breccia body 12 cm wide with 30% subrounded qtz clasts 35% py and 35% fine grained gn matrix. Same alt halo as qtz veins.	mod							27.05	30.05	3.00	H237711		0.005	121	26.21	28.35	2.14	1.97		1.60		FR	MS	3	35	5		3	A/Ca/Fe/Bk
v	47	{18.25}							26.41-36 m G.D. with 0.5 cm wide unmineralized qtz veins with mod cly alt along fractures.	mod														28.35	29.57	1.22	1.01		0.35		FR	S	5	25	3		3	A/Fe/Ca
v	53																							29.57	30.48	0.91	0.70		0.63		FR	S	2	30	5		3	A/Fe
																	30.05	33.05	3.00	H237712		0.002	25	30.48	32.92	2.44	2.38		1.02		FR	S	5	30	5		3	A/Bk
																	33.05	36.05	3.00	H237713		0.002	28	32.92	33.53	0.60	0.58		0.25		FR	S	3	30	2		3	A/Qz/Bk
																								33.53	35.36	1.83	1.76		1.22		FR	S	4	25	5		3	A/Bk/Qz/Fe
v	39	{44}							36-43.36 m G.D. with t diss po +/- cpy	mod			t	t			36.05	39.05	3.00	H237714		0.007	56	35.36	38.40	3.04	2.92		2.92		FR	S	2	35	2		3	A
																	39.05	42.05	3.00	H237715		0.003	65	38.40	41.45	3.05	3.05		2.97		FR	S	2	25	5		3	A
									43.36-44.51 m G.D. with t diss po +/- cpy and unmineralized 0.5 cm wide qtz veins every 10-20 cm and mod cly alt 0.5-1 cm on margins of vein.	mod			t	t			42.05	45.05	3.00	H237716		0.003	71	41.45	42.67	1.22	1.22		1.22		FR	S	1	15	5		3	A
									46.09-46.36 m Qtz breccia with ~ 30% unmineralized qtz supporting 1-2 cm dia subangular s cly and s chl alt G.D. clasts	s	s														42.67	45.72	3.05	3.01		2.95		FR	S	2	10	5		3	A
									44.51-47.46 m G.D. with t diss po +/- cpy	mod			t	t			45.05	48.05	3.00	H237717		0.005	95	45.72	48.77	3.05	2.91		2.30		FR	S	8	30	5		3	A/Qz/Bk/Ca

PROPERTY: Fairweather **HOLE:** DDH-FW08-02

LITHOLOGY										ALT.			MINERALS				SAMPLES							Blocks			GEOTECHNICAL						JOINTS					
Struct.																											REC		RQD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	chl	cly		po	cpy			From (m)	To (m)	Interval (m)	Sample		Au (ppm)	Cu(ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling	
v	52	{48}							47.46-49.00 m G.D. with 2-3 mm wide qtz veins ev ery 20-40 cm with s chl alt of mafics across interval. Mostly unmineralized except for end of interval where one vein has ~ 15% aspy and 2% cpy.	mod			t	t			48.05	51.05	3.00	H237718		0.006	135	48.77	50.90	2.13	1.88		1.23		FR	S	7	30	5	3	A/Ca/Qz	
v	52	{57}							49-66 m G.D. with t diss po +/- cpy	mod			t	t			51.05	54.05	3.00	H237719		0.061	207	50.90	53.95	3.05	2.91		2.30		FR	S	2	20	5	3	A	
									@ 56.95 m unmineralized 2-3 mm wide qtz veins with mod cly alt up to 1 cm from vein								54.05	57.05	3.00	H237720		0.005	115	53.95	57.00	3.05	2.95		2.72		FR	S	2	30	5	3	A/Qz/Fe	
									@ 58.43 m unmineralized 2-3 mm wide qtz veins with mod cly alt up to 1 cm from vein								57.05	60.05	3.00	H237721		0.004	92	57.00	57.38	0.38	0.18		0.16		FR	S	-	-	-	-	Fe/A	
																								57.38	60.35	2.97	2.97		2.84		FR	S	3	15	5	3	A/Ca	
									@ 61.50 m 2 cm wide mod cly alt zone								60.05	63.05	3.00	H237722		0.004	61	60.35	63.40	3.05	2.73		2.63		FR	S	1	10	5	3	A/Bk	
									66-70 m G.D. with minor qtz alt bands (0.5 cm) occur ~ every 50 cm.	mod							63.05	66.05	3.00	H237723		0.004	37	63.40	66.45	3.05	3.05		3.05		FR	S	2	10	5	3	A	
																	66.05	69.05	3.00	H237724		0.003	8	66.45	69.49	3.04	3.04		3.04		FR	S	2	10	5	3	A	
																	blank			H237725		0.002	3														
									70-73 m G.D. with rare 0.5 cm wide qtz bands t diss. po +/- cpy	mod							69.05	72.05	3.00	H237726		0.003	12	69.49	75.59	6.10	6.08		5.89		FR	S	3	30	2	3	A	
																	72.05	75.05	3.00	H237727		0.003	16														
v	46	{78}							73-85 m G.D. with qtz bands every 0.75-1 m.	mod							75.05	78.05	3.00	H237728		0.002	10	75.59	78.64	3.05	2.75		2.71		FR	S	2	30	2	3	A	
																	78.05	81.05	3.00	H237729		0.003	17	78.64	81.69	3.05	3.05		2.09		FR	S	3	30	3	3	A/Bk	
																	81.05	84.05	3.00	H237730		0.003	19	81.69	84.12	2.43	2.40		2.10		FR	S	4	30	2	3	A	
v	41	{80.5}							85-92 m G.D. with no veins or diss sulphide.	mod							84.05	87.05	3.00	H237731		0.003	15	84.12	87.17	3.05	2.94		2.92		FR	S	3	40	2	3	A	
																	87.05	90.05	3.00	H237732		0.008	21	87.17	88.39	1.22	0.90		0.90		FR	S	2	25	5	3	A	
																	90.05	93.05	3.00	H237733		0.032	31	88.39	91.44	3.05	2.31		2.31		FR	S	1	25	5	3	A	
v	45	{81.75}							92-107.75 m G.D.with v.t. diss sulphide (~50% po and 50% cpy). Unmineralized 4-5 mm wide qtz veins occur every 2 m, with mod cly alt within 4 mm of veins. Rare cpy coating fractures (~1 every 2-5 m)	mod							93.05	96.05	3.00	H237734		0.008	71	91.44	94.48	3.04	2.79		2.70		FR	S	3	30	3	3	Ca/A	
																	96.05	99.05	3.00	H237735		0.015	46	94.48	97.54	3.06	3.02		2.95		FR	S	3	30	5	3	A	
																	99.05	102.05	3.00	H237736		0.007	105	97.54	100.58	3.04	2.96		2.96		FR	S	3	30	5	3	A/Ca	
																	102.05	105.05	3.00	H237737		0.008	73	100.58	103.63	3.05	2.99		2.99		FR	S	3	30	2	3	A	
																	105.05	108.05	3.00	H237738		0.115	191	103.63	106.68	3.05	3.05		3.05		FR	S	3	30	2	3	A	
v	45	{92.5}							107.75-108.5 m G.D. with t. diss. sulphide (~50% po; 50% cpy) with 0.5 cm wide slightly pinkish white calcite +/- qtz veins with mod cly alt of fldspr 0.5-1 cm into host rock Unmineralized and occurs every 50 cm.	mod			t	t			108.05	111.05	3.00	H237739		0.012	3	106.68	109.73	3.05	3.05		2.95		FR	S	4	25	5	3	A/Ca/Bk	
v	43	{95.5}																						109.73	112.78	3.05	1.56		1.49		FR	S	1	10	5	3	A	
v	41	{100}															111.05	114.05	3.00	H237740		0.039	188	112.78	115.82	3.04	4.58		4.58		FR	S	4	10	5	3	A	
v	45	{118}							108.5-118 m G.D. with t diss sulphide (~50% po; 50% cpy) with 1 3 mm wide calcite +/- qtz vein unmineralized.	mod			t	t			114.05	117.05	3.00	H237741		0.024	73	115.82	118.87	3.05	2.98		2.98		FR	S	1	30	5	3	A/Py	
v	54	{118.5}							118-125.5 m G.D. with 4 mm wide zones of qtz flooding (veins?) occur every 50-100 cm and more frequently at start of the interval (every 20-30 cm). v.t. diss sulphide (50% po, 50% cpy)	mod			vt	vt			117.05	120.05	3.00	H237742		0.012	55	118.87	121.92	3.05	3.05		2.98		FR	S	1	30	3	3	A	
v	54	{122}							121.5-125 m G.D. with v.t. diss sulphide (50% po 50% cpy) with sulfide coating fractures (50% po 50% cpy) every 50 cm to 1 m	mod			vt	vt			120.05	123.05	3.00	H237743		0.001	36	121.92	124.97	3.05	2.66		2.58		FR	S	2	30	5	3	A	
F	45	0															123.05	126.05	3.00	H237744		0.011	127	124.97	128.02	3.05	3.05		3.05		FR	S	2	30	5	3	A	

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Struct.		LITHOLOGY								ALT.			MINERALS				SAMPLES						Blocks			GEOTECHNICAL						JOINTS				
																										REC		RQD								
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	chl	cly		po	cpy			From (m)	To (m)	Interval (m)	Sample		Au (ppm)	Cu(ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
		0							125-136.25 m G.D. with t diss sulphide (60% cpy 40% po); one fracture coated with po in interval	mod			t	t			126.05	129.05	3.00	H237745		0.004	107															
																	129.05	132.05	3.00	H237746		0.117	100	128.02	131.06	3.04	2.96		2.86		FR	S	2	5	5	3	A
																	132.05	135.05	3.00	H237747		0.011	89	131.06	134.11	3.05	2.87		2.87		FR	S	2	30	3	3	A
v	75	{136.5}							136.25-139 m G.D. with t diss sulphide (60% cpy 40% po) with slightly pinkish white 3-6 mm wide siliceous zones. Not mineralized occuring every 20-50 cm.	mod			t	t			135.05	138.05	3.00	H237748		0.005	68	134.11	137.15	3.04	2.98		2.98		FR	S	1	20	5	3	A
v	55	{137.25}															138.05	141.05	3.00	H237749		0.007	113	137.15	140.21	3.06	3.06		3.06		FR	S	1	20	2	3	A
v	50	{150}							139-160 m G.D. with t diss sulphide (60% cpy 40% po); minor po coating fractures every 1 m. By 153 sulphide coatings are 1-2 mm thick qtz veins containing ~15% po +/- cpy (up to 5% cpy) with minor cly alt 0.5 cm from vein. Veins are on ave every 50 cm but tend to cluster in groups of 4-6 space 10-20 cm apart; groups of clusters then have large gaps between them.	mod			t	t			blank			H237750		<0.001	2															
v	50	{153}															141.05	144.05	3.00	H237751		0.118	131	140.21	143.26	3.05	2.99		2.95		FR	S	6	5	3	3	A/Qz/Py
v	69	{155}															144.05	147.05	3.00	H237752		0.031	88	143.26	146.30	3.04	3.04		3.04		FR	S	1	5	2	3	A
v	46	{156}															147.05	150.05	3.00	H237753		0.032	84	146.30	149.35	3.05	3.00		3.00		FR	S	1	5	5	3	A
v	68	{158}															150.05	153.05	3.00	H237754		0.182	209	149.35	152.40	3.05	2.99		2.91		FR	S	3	30	5	3	A/Cp
																	153.05	156.05	3.00	H237755		0.054	111	152.40	155.45	3.05	3.02		2.92		FR	S	1	20	5	3	Py/A
																	156.05	159.05	3.00	H237756		0.254	125	155.45	158.50	3.05	2.95		2.81		FR	S	2	15	5	3	A
v									160-174.5 m G.D. with v.t. diss po +/- cpy with v rare (1 per every 3 m) 1-3 mm thick slightly pinkish qtz stringers with 5% poddy po. 1 ~2 mm thick unmineralized cal vein starts with steep dip proceeds to mid-point of core then exits on the same side as it entered from 163.39-163.87 m.	mod			vt	vt			159.05	162.05	3.00	H237757		0.074	75	158.50	161.54	3.04	3.04		3.01		FR	S	3	15	5	3	A
v	71	{166.75}															162.05	165.05	3.00	H237758		0.013	97	161.54	164.60	3.06	3.06		2.76		FR	S	5	10	5	3	A/Ca
v	49	{168.5}															165.05	168.05	3.00	H237759		0.017	101	164.60	167.64	3.04	3.03		3.03		FR	S	2	10	5	3	A
v	52	{171.75}															168.05	171.05	3.00	H237760		0.083	101	167.64	170.69	3.05	2.91		2.91		FR	S	3	10	5	3	A/Cp/Py
																	171.05	174.05	3.00	H237761		0.033	108	170.69	173.74	3.05	3.05		3.05		FR	S	4	10	5	3	A
v	54	{174.5}							174.5-180 m G.D. with v.t. diss po +/- cpy with qtz veins, unmineralized every 50cm - 1m. 2 cm from veins ztreme chl alt of mafics and s cly alt of fldsprs. Seems to be a cly "reaction front" just ahead of chl alt. Rarely veins contain 5% vuggy po and/or cpy.	mod			vt	vt			174.05	177.05	3.00	H237762		0.009	133	173.74	176.78	3.04	3.04		2.16		FR	S	7	10	5	3	A
v	48	{177.5}															177.05	180.05	3.00	H237763		0.096	117	176.78	178.92	2.14	2.12		1.72		FR	S	4	25	5	3	A/Ca
v	61	{178.5}																																			
v	50	{179.5}																																			
									180-184.89 m G.D. with v.t. diss po +/- cpy	mod			vt	vt			180.05	183.05	3.00	H237764		0.031	105	178.92	181.97	3.05	2.99		1.66		FR	S	7	10	5	3	A
v	45								184.84-184.87 m band of fine grained aspy chl alt of mafics extends 2 cm in country rock.								183.05	186.05	3.00	H237765		0.532	92	181.97	185.01	3.04	2.97		2.86		FR	S	2	5	5	3	A/Ca/Arse
									184.87-185.50 m G.D. (unmineralized) with 5 mm wide unminralized pinkish white qtz veins (parrallel aspy) with 1 cm chl and s cly alt.	mod															185.01	186.84	1.83	1.73		1.60		FR	S	3	20	3	3	A/Ca

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LITHOLOGY										ALT.			MINERALS				SAMPLES							Blocks			GEOTECHNICAL						JOINTS					
Struct.																											REC		RQD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	chl	cly		po	cpy			From (m)	To (m)	Interval (m)	Sample		Au (ppm)	Cu(ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling	
v	10	{190}							185.5-196.84 m G.D. (unmineralized) with rare 5 mm wide pinkish white qtz veins (unmineralized) (less than 1 per 1 m though clustered where observed ~ 50 cm apart) not observed after 190.50 m.	mod							186.05	189.05	3.00	H237766		0.008	96	186.84	188.98	2.14	2.07		2.02		FR	S	3	25	2	3	A
v	54								2 small qtz veins @ 196.11 not mineralized.								189.05	192.05	3.00	H237767		0.015	93	188.98	192.02	3.04	2.98		2.98		FR	S	-	-	-	-	A
																	192.05	195.05	3.00	H237768		0.015	100	192.02	195.07	3.05	2.98		2.98		FR	S	2	5	5	3	A
v	44								196.84-198.62 m G.D. with a swarm of veins; qtz veins 1-3 mm wide ~ 10 cm apart with xtreme chl alt and s cly alt ~10% bn cly clasts 2 mm dia in alt the alt halo. (likely altered fldspr but possibly alt sulphide).	mod							195.05	198.05	3.00	H237769		0.004	96	195.07	198.12	3.05	2.94		2.68		FR	S	3	25	3	3	A/Ca
v	53								198.62-213.5 m G.D. t diss po +/- cpy. @ 212.41 m 3 cm wide slightly rosy qtz vein ~3% po +/- aspy in 0.5 cm alt halo; s chl alt of mafics.	mod			t	t			198.05	201.05	3.00	H237770		0.011	99	198.12	201.17	3.05	2.93		2.78		FR	S	2	25	2	3	A
																	201.05	204.05	3.00	H237771		0.003	161	201.17	204.22	3.05	2.98		2.93		FR	S	2	25	2	3	A
																	204.05	207.05	3.00	H237772		0.002	171	204.22	207.26	3.04	2.97		2.90		FR	S	2	5	2	3	A
																	207.05	210.05	3.00	H237773		0.002	188	207.26	210.31	3.05	2.93		2.85		FR	S	2	25	2	3	A
																	210.05	213.05	3.00	H237774		0.013	135	210.31	213.36	3.05	2.96		2.66		FR	S	2	30	2	3	A/Bk
																	blank			H237775		0.002	2														
									213.5-237.52 m G.D. with 0.5-1% diss po +/- cpy (~25% cpy)	mod			0.5-	t			213.05	216.05	3.00	H237776		0.008	150	213.36	216.41	3.05	3.05		2.89		FR	S	3	5	5	3	A
																	216.05	219.05	3.00	H237777		0.006	165	216.41	219.46	3.05	3.05		2.92		FR	S	2	5	3	3	A
v	48								@220.06 m 2 mm wide non-mineralized qtz stringer with s chl alt up to 2 cm into country rock and mod chloritization of bio								219.05	222.05	3.00	H237778		0.001	150	219.46	222.50	3.04	3.04		2.91		FR	S	2	5	5	3	A
																	222.05	225.05	3.00	H237779		0.054	178	222.50	224.64	2.14	2.14		2.14		FR	S	3	5	5	3	A
																	225.05	228.05	3.00	H237780		0.045	134	224.64	227.69	3.05	3.05		3.05		FR	S	2	5	5	3	A
v	50	{228.25}							228.15-233 m G.D. with 0.5-1% diss po +/- cpy (~25% of diss sulphide) with 1-3 cm wide rose qtz veins with 1-3 cm wide s chl alt halo's with ~5% soft gy mineral (does no appear to be sulphide) % diss sulphide increases with proximity to veins. Veins occur in clusters of 2-3 within 20 cm of each other, these groups are ~3 m apart. Rarely vugs of cpy are found in veins, up to 3mm in dia but likely constitute only 1-2 % of vein. Cpy coats fractures ~ every 1 m.	mod			0.5-	t			228.05	231.05	3.00	H237781		1.085	153	227.69	230.73	3.04	2.96		2.88		FR	S	2	1	5	3	A
v	56	{232.25}															231.05	234.05	3.00	H237782		0.029	231	230.73	233.78	3.05	3.05		2.94		FR	S	2	20	5	3	A
v	57	{237.54}							233-237.52 m same as above but qtz veins are smaller (0.5 cm dia) and occur every 50-75 cm	mod			0.5-	t			234.05	237.05	3.00	H237783		0.052	196	233.78	236.83	3.05	3.05		2.92		FR	S	3	20	5	3	A
v	51	{237.54}							@237.36-237.52 m one large qtz vein with ~ 1% vuggy cpy and 1-2% empty vugs.						0		237.05	240.05	3.00	H237784		0.013	198	236.83	239.88	3.05	2.86		2.74		FR	S	3	20	5	3	A/Ca
									237.52-246 m G.D. with 0.5% diss po +/- cpy with cpy coating fractures every 2 m.	mod				0	t																								
									240.36-240.81 half of core with xtreme cly alt	mod	xtreme			0	t		240.05	243.05	3.00	H237785		0.021	278	239.88	242.93	3.05	2.92		2.62		FR	S	4	25	2	3	A/Bk
v	30								@241.18 m 2mm wide unmineralized qtz vein																													
v	59								@243.01 m 2mm wide unmineralized qtz vein								243.05	246.05	3.00	H237786		0.024	146	242.93	245.97	3.04	2.95		2.64		FR	S	5	25	5	5	A/Ca
									244-244.75 m cpy coating fractures every 5-10 cm.																													

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																											REC		RQD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	chl	cly		po	cpy			From (m)	To (m)	Interval (m)	Sample		Au (ppm)	Cu(ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling		
v	59								246-249.5 m G.D. with 1% diss po +/- cpy and qtz veins every 20-50 cm (clustered most closely at centre of the interval). Qtz veins not mineralized with up to 25% void space and a weak colloform texture.	mod			0	t			246.05	249.05	3.00	H237787		0.018	153	245.97	249.02	3.05	2.93		2.29		FR	S	5	30	2	3	Ca/Bk/A		
v	60								249.5-256 m G.D. with 0.5% diss po +/- cpy. 3 errativ unmineralized calcite veins from 254.74-254.94 m.	mod			0	t			249.05	252.05	3.00	H237788		0.011	145	249.02	252.07	3.05	3.05		2.91		FR	S	2	35	5	3	A/Ca		
																	252.05	255.05	3.00	H237789		0.023	159	252.07	252.98	0.91	0.82		0.72		FR	S	3	5	5	3	A		
v	54	{236.15 m}							256-261.5 m G.D. w t diss po +/- cpy slightly rosy qtz veins occur every 75 cm - 1.5 m and are ~5 mm wide but rarely as large as 1.5 cm. Rarely these contain cpy (up to 3%) +/- aspy (only observed in one, but may be v poddy). T. cpy observed on rare fractures. Veins appear to differ in strike but have common dips.	mod			t	t			255.05	258.05	3.00	H237790		0.013	209	252.98	256.03	3.05	3.05		2.77		FR	S	3	5	5	3	A/Bk		
																	258.05	261.05	3.00	H237791		0.004	153	256.03	259.08	3.05	2.88		2.70		FR	S	3	20	5	3	Ca/A		
v	40	{264.25 m}							261.50 - 266.50 m G.D. with t diss po +/- cpy	mod			t	t			261.05	264.05	3.00	H237792		0.115	227	259.08	262.13	3.05	2.48		2.18		FR	S	5	30	5	3	A/Ca/Bk		
									@264.28 m start getting 1-2 mm thick qtz veins with 1-2 cm s chl aly halo start occuring every 75cm - 1 m and are every 30 cm by 265.58 m; here alt halo is more extensive with blk alt. minerals 1-3 cm from veins and s chl alt 2 cm beyond that. Starting here veins begin to contain 20-40% cpy +/- aspy within 1 cm of vein ~5% lite bn mineral (cly?)	mod			t	t			264.05	267.05	3.00	H237793		0.012	232	262.13	265.18	3.05	3.02		2.94		FR	S	2	30	3	3	A		
v	58								266.50-280 m G.D. with 0.5% diss po +/- cpy. By 279 m start to get very thin qtz stringers with 30% po +/- cpy (every 75 cm - 1 m).	mod			0	t			267.05	270.05	3.00	H237794		0.005	126	265.18	268.22	3.04	3.04		2.89		FR	S	4	30	5	3	A		
																	270.05	273.05	3.00	H237795		0.004	81	268.22	271.27	3.05	3.03		2.97		FR	S	3	15	2	3	A		
																	273.05	276.05	3.00	H237796		0.006	114	271.27	274.32	3.05	3.01		2.78		FR	S	3	5	5	3	A		
																	276.05	279.05	3.00	H237797		0.009	274	274.32	277.37	3.05	2.94		2.88		FR	S	2	5	5	3	A		
v	60	{281 m}							280 - 286 m G.D. with ~1% diss po and 0.5% cpy. Rose qtz veins ~1-2 cm wide occur every 1-1.5 m often veins clusters occuring ~ 10 cm apart with large gaps between clusters. Cpy forms thin coat on margin of veins. s->xtreme cly alt 1-3 cm from vein. Rare cpy coating fractures.	mod			0	0			279.05	282.05	3.00	H237798		0.034	380	277.37	280.42	3.05	3.02		3.02		FR	S	1	30	3	3	A		
v	54	{284 m}															282.05	285.05	3.00	H237799		0.035	1050	280.42	283.46	3.04	3.00		0.72		FR	MS	4	25	3	3	A/Cy/Ca		
v	63	{185.5 m}															blank			H237800		0.001	2	283.46	284.99	1.53	1.40		0.91		FR	MS	5	25	3	3	A/Cy/Ca/Cp/Py		
v	48	{290}							286-290.06 m G.D. with 1-1.5% diss po +/- cpy and sulphide (~50% cpy, 50% po) stringers (<1 mm wide) every 30 cm, (within 10 cm of each other at centre of interval but 50 cm apart by end). Rarely 3 mm wide unmineralized rose qtz veins are observed.	mod			0	t			285.05	288.05	3.00	H237801		0.021	377	284.99	287.73	2.74	2.74		2.65		FR	S	1	30	2	3	A/Cp/Py		
																	288.05	291.05	3.00	H237802		0.007	248	287.73	289.53	1.83	1.68		2.56		FR	S	4	5	5	3	A/Ca		
v	44	{291.5 m}							290.06-294.36 m G.D. with 1% diss po +/- cpy and rare sulfide stringers (50% po, 50% cpy).	mod			0	t			291.05	294.05	3.00	H237803		0.021	293	289.53	292.61	3.05	2.94		2.74		FR	S	3	5	5	3	A/Cp		

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Struct.		LITHOLOGY								ALT.			MINERALS				SAMPLES							Blocks			GEOTECHNICAL						JOINTS					
																											REC		RQD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	chl	cly		po	cpy			From (m)	To (m)	Interval (m)	Sample		Au (ppm)	Cu(ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling	
v									294.36-295.23 m 2-5 mm wide milky qtz veins +/- cal with 2-15 cm wide s cly and s chl alt with ~5% bn/gy minerals within alt. zone. Occur every 30 cm.	mod	s		0	t			294.05	297.05	3.00	H237804		0.009	227	292.61	295.66	3.05	3.03		2.76		FR	S	3	25	2	3	A	
									295.23 - 303.5 m G.D. with t diss po +/- cpy (up to 0.5% over some short intervals)	mod			t	t																										
v	48								296.47-296.58 m 3 1 mm qtz stringers with s chl alt and s alt to an unknown soft non-calcareous blk mineral within 3 cm of veins. alt zone contains ~5% bn mineral (cly altered fldspr?) and veins contain ~ 2% cpy +/- po.	mod			t	t			297.05	300.05	3.00	H237805		0.023	242	295.66	298.70	3.04	2.95		2.95		FR	S	3	5	5	3	A	
v	58								301.59-301.75 m swarm of glassy qtz veins with ~5% po +/- cpy ~1 cm apart.	mod			t	t			300.05	303.05	3.00	H237806		0.029	180	298.70	301.75	3.05	3.05		3.05		FR	S	1	10	5	3	A	
v	64	{318.5 m}							303.50-332.23 m G.D. with 0.5% diss po +/- cpy by 309 m with 0.5% diss cpy in centre of interval. Rare unmineralized qtz stringers occur through-out.	mod			0	t -> 0.5%			303.05	306.05	3.00	H237807		0.029	234	301.75	304.80	3.05	3.05		3.05		FR	S	1	5	5	3	A	
																	306.05	309.05	3.00	H237808		0.005	206	304.80	307.85	3.05	3.05		3.05		FR	S	2	5	5	3	A	
																	309.05	312.05	3.00	H237809		0.013	324	307.85	310.90	3.05	3.02		3.02		FR	S	1	5	5	3	A	
																	312.05	315.05	3.00	H237810		0.046	198	310.90	313.94	3.04	3.00		2.90		FR	S	2	5	5	3	A/Bk	
																	315.05	318.05	3.00	H237811		0.027	172	313.94	316.99	3.05	3.04		2.77		FR	S	3	10	5	3	A	
																	318.05	321.05	3.00	H237812		0.016	193	316.99	320.04	3.05	3.02		3.02		FR	S	2	5	5	3	A	
																	321.05	324.05	3.00	H237813		0.009	202	320.04	323.09	3.05	2.86		2.86		FR	S	1	10	5	3	A	
v	58	{324 m}							xtreme cly alt from 312.5 m - 312.61 m.		xtreme						324.05	327.05	3.00	H237814		0.013	182	323.09	326.14	3.05	2.90		2.61		FR	S	3	15	5	3	A	
v	43	{328.21}							328.21 m 2 parrallel 1 cm wide qtz veins with ~ 20 % limonite within them. S. chl alt halo extending 10 cm from vein set with 10% soft gy/bn mineral.	mod							327.05	330.05	3.00	H237815		0.008	176	326.14	329.18	3.04	3.04		2.89		FR	S	3	10	3	3	A	
									after 330.23 m G.D. with t diss po.	mod			t				330.05	332.23	2.18	H237816		0.009	136	329.18	332.23	3.05	2.86		2.77		FR	S	1	5	5	3	A	

PROJECT : Fairweather

PROPERTY: Fairweather

HOLE: DDH-FW08-03

Easting Northing Elev. Depth (m)

Contractor:
Drill:

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar							
246.89	100	-45					

Core size: BTW
Cassing depth: 1.52 m (m) out

Drilling dates: July

Logged by: D Gregory

Target: Cu / Au mineralization in fractures in granodiorite

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments

SAMPLES	
Numbers:	H237817-H237904
Total:	88
Date sent:	Aug.4, 2008

COMMENTS

PROPERTY: Fairweather **HOLE:** DDH-FW08-03

Struct. Type	Struct. Atitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT. chl	cly		MINERALS po	cpy	mal	py	SAMPLES From (m)	To (m)	Interval (m)	Sample		Au (ppm)	Cu (ppm)	Blocks From (m)	To (m)	Invl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weathering	Hardness	JOINTS Frequency	Atitude	Shape	Roughness	Infilling
		1.52							Med gy granodiorite (G.D.) ~ 7% hrnbld, 10% bio, 18% qtz, 65% plag. 3% of total rock is made up of xenoliths, liklely diorite but strongly chloritized and difficult to tell protolith. Xenoliths ave 3 cm dia and are subrounded but rarely up to 10 cm dia with qtz stringers (>1 mm wide) with ~40% sulphide (50% po, 50%cpy) (diff to tell exact %) every 50 cm to 1 m.	mod							1.52	4.52	3.00	H237817		0.002	92	1.52	3.05	1.53	1.44	94.118	1.27	83.007	FR	S	5	5	5	3	A
v	49	{3 m}															4.52	7.52	3.00	H237818		0.002	40	3.05	6.10	3.05	2.98	97.705	2.84	93.115	FR	S	2	25	3	3	A/Fe
v	51	{6.15 m}															7.52	10.52	3.00	H237819		0.008	72	6.10	9.14	3.05	3.01	98.689	3.01	98.689	FR	S	2	10	5	3	A/Py
v	49	{9.50 m}															10.52	13.52	3.00	H237820		0.013	105	9.14	12.19	3.05	3.05	100	3.05	100	FR	S	2	30	5	3	A/Py
v	49																13.52	16.52	3.00	H237821		0.005	251	12.19	15.24	3.05	3.05	100	3.05	100	FR	S	3	10	5	3	A/Fe/Py
v	50	{13 m}							12.52-15.90 m 1 cm thick rose qtz veins 20 cm apart with thin coat po where vein cnotacts country rock (2 such veins)								16.52	19.52	3.00	H237822		0.021	60	15.24	18.29	3.05	2.95	96.721	2.83	92.787	FR	S	3	30	5	3	A/Fe
v	49	{15.99 m}							15.90-15.99 m "vein zone" strongly limonized qtz/cal vein (difficult to tell % of each due to weathering) with ~ 2% cpy and mod mal stain mod ly alt 1 cm from vein.	mod				0	mod		19.52	22.52	3.00	H237823		0.01	36	18.29	21.34	3.05	2.99	98.033	2.85	93.443	FR	S	5	10	5	3	A/Fe/Bk
									15.99-18 m G.D.	mod							22.52	25.52	3.00	H237824		0.008	74	21.34	24.38	3.04	3.02	99.342	2.82	92.763	FR	S	3	30	5	3	A/Fe
v	48	{19 m}							18-24.50 m G.D. with t diss po +/-cpy with stringer veins (60% po 40% cpy) +/- qtz every 2 m.	mod				t	t		blank			H237825		0.0005	0.5	24.38	27.43	3.05	3.00	98.361	3.00	98.361	FR	S	2	15	3	3	A/Py/Cp
v	51	{23.5 m}							24.50-32.00 m G.D. t. diss po +/- cpy with stringer veins (60% po 40% cpy) +/- qtz every 30-70 cm.	mod				t	t		25.52	28.52	3.00	H237826		0.004	69	27.43	30.48	3.05	3.02	99.016	2.97	97.377	FR	S	3	25	3	3	A
v	49	{25.5 m}															28.52	31.52	3.00	H237827		0.006	69	30.48	33.53	3.05	3.02	99.016	2.97	97.377	FR	S	1	30	3	3	A
v	54	{29 m}															31.52	34.52	3.00	H237828		0.005	69	33.53	36.58	3.05	3.05	100	2.96	97.049	FR	S	2	25	3	3	A
v	58	{31 m}							32.00-37.00 m G.D. t. diss. po+/-cpy stringer veins (60% po 40% cpy) +/- qtz every 1-1.5 m.	mod				t	t		34.52	37.52	3.00	H237829		0.007	94	36.58	39.63	3.05	2.94	96.393	2.94	96.393	FR	S	2	25	5	3	A
v	60	{34.5 m}															37.52	40.52	3.00	H237830		0.008	73	39.63	42.67	3.04	3.00	98.684	2.94	96.711	FR	S	2	25	2	3	A/Fe
v	63	{37.5 m}							37.00-45.00 m G.D. with stringers veins (60% po 40% cpy) 60 cm to 1 m apart	mod				t	t		40.52	43.52	3.00	H237831		0.012	80													
v	53	{41 m}							45-46.50 m G.D. 1 mm -> 1 cm wide qtz veins 5-50 cm apart with s chl alt of G.D. 1-5 cm from vein Limonite stain along fractures. No observed sulphides	mod				t	t		43.52	46.52	3.00	H237832		0.005	167	42.67	45.72	3.05	3.05	100	2.85	93.443	FR	S	1	30	3	3	A/Fe
v	58	{43 m}																																			
v	56	{46 m}							46.5-47.5 m G.D. with ~05.% xenoliths (1-2 cm dia) with v t diss po +/- cpy and v thin (< 1mm) wide po stringers +/- cpy every 20 cm	mod				vt	vt		46.52	49.52	3.00	H237833		0.007	70	45.72	48.77	3.05	3.02	99.016	2.74	89.836	FR	S	4	20	3	3	A/Fe
v		47.5	60.25	12.75					G.D. with v t diss po and cpy (usually associated with hrnblnd). Sulphide veinlets occur every 75 cm - 1 m; on average can be close as 50 cm apartand as far as 1.5 m.	mod				vt	vt																									
v	52	{47.75}																																			
v	53	{50.35}							@50.03 - 50.35 m zone of s cly alt with s chl alt and minor limonite stain. Interval starts with 3 mm wide cal vein and end with 3 mm wide cal vein. No observed mineralization.	mod							49.52	52.52	3.00	H237834		0.006	82	48.77	51.82	3.05	3.01	98.689	2.72	89.18	FR	S	5	30	5	3	A/Bk/Cy/Py
v	36	{51.49}							@ 51.49 m 1 mm wide unmineralized cal vein.								52.52	55.52	3.00	H237835		0.005	76	51.82	54.86	3.04	3.00	98.684	2.95	97.039	FR	S	3	25	3	3	A/Ca/Fe
v	20	{53.71}							@ 53.71 m 1 mm wide cal vein with minor limonite stain.								55.52	58.52	3.00	H237836		0.007	39	54.86	57.91	3.05	3.03	99.344	3.03	99.344	FR	S	3	25	2	3	A/Fe

PROPERTY: Fairweather **HOLE:** DDH-FW08-03

Struct.		LITHOLOGY								ALT.			MINERALS				SAMPLES						Blocks			GEOTECHNICAL						JOINTS					
																										REC		RQD									
Type	Atitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	chl	cly		po	cpy	mal	py	From (m)	To (m)	Interval (m)	Sample		Au (ppm)	Cu (ppm)	From (m)	To (m)	Invl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Atitude	Shape	Roughness	Infilling
									59.50 - 60.25 m a series of unmineralized calcite veins ~10 cm apart most 1-2 mm wide but one 2 cm at end of interval.								58.52	61.52	3.00	H237837		0.005	141	57.91	60.96	3.05	3.04	99.672	2.95	96.721	FR	S	5	25	3	3	A/Ca/Fe
v		60.25	70.1	9.85					G.D. with sulphide stringers (<1 mm wide) (~50% po; 50% cpy) every 1 m; @ end of inteval one 2 mm wide vein, 60% qtz 20% po and 20% cpy. One 1 cm wide cal vein with mod cly alt 1 cm into G.D. @ 62.31 m.	mod						61.52	64.52	3.00	H237838		0.002	124	60.96	64.01	3.05	3.05	100	2.94	96.393	FR	S	4	20	5	3	A/Ca
																	64.52	67.52	3.00	H237839		0.003	38	64.01	67.06	3.05	2.98	97.705	2.89	94.754	FR	S	2	15	5	3	A/Fe
																	67.52	70.52	3.00	H237840		0.004	33	67.06	70.10	3.04	3.04	100	2.95	97.039	FR	S	1	25	5	3	A/Py
v		70.1	77.35	7.25					G.D. with sulphide stringers (<<1 mm wide) (40% po, 60% cpy) with v t diss po +/- cpy. Calcite veins ~ 1 cm wide @ 71.34 and 71.96 m connected with vertical fractures with white cly coating. Last vein with ~ 3% blebby aspy with minor limonization. 1 cm wide cal vein; not mineralized @ 75.80 m.	mod						70.52	73.52	3.00	H237841		0.011	41	70.10	73.15	3.05	2.95	96.721	2.61	85.574	FR	S	3	5	5	3	A/Ca/Py
																	73.52	76.52	3.00	H237842		0.003	62	73.15	76.20	3.05	2.98	97.705	2.94	96.393	FR	S	2	25	3	3	A/Ca
v	42	{52}																																			
v	53	{54.5}																																			
v	57	{56.25}																																			
v	50	{59.86}																																			
v	56	{60.81}																																			
v	53	{63.70}																																			
v	58	{66.5}																																			
v	55	{69}																																			
v	53	{62.31}																																			
v	58	{71.96}																																			
v	58	{73.25}																																			
v	47	{74.5}																																			
v	62	{75.8}																																			
v	59	{76.7}							@ 76.76 m a 5 cm wide calcite vein with t limonite stain.								76.52	79.52	3.00	H237843		0.006	35	76.20	79.25	3.05	3.05	100	2.84	93.115	FR	S	4	25	3	3	A/Ca/Qz
v	43	{76.25}							77.35-82.35 m G.D. with sulphide stringers (~75% po 25% cpy) every 1.5 m; v. thin coat of sulphide (sam ratio as stringers) covering ~10-25% of fracture faces. Non-mineralized 1-3 mm wide qtz veins every 1-1.5 m.	mod																																	
v	58	{79.5}															79.52	82.52	3.00	H237844		0.004	28	79.25	82.30	3.05	2.89	94.754	2.73	89.508	FR	S	4	25	3	3	A/Qz/Ca/Py
v	30	{80.4}																																			
v	58	{82.4}							82.35-87.90 m G.D. with 3-7 cm wide vein "zones" that contain xtreme cly altered fldspr, 10% qtz stringers 15-20% soft bn mineral (cly?) that forms in wispy v thin veinlets. Minor calcite and unaltered bio (same % as country rock). Has hydrothermal "look" to it. Occur every 1.5 m.	mod						82.52	85.52	3.00	H237845		0.003	47	82.30	85.34	3.04	3.01	99.013	2.71	89.145	FR	S	4	25	3	3	A/Qz/Bk
v	54	{85.5}															85.52	88.52	3.00	H237846		0.005	30	85.34	88.39	3.05	3.01	98.689	2.96	97.049	FR	S	2	20	3	3	A/Fe
v	56	{86.75}							87.90-105.04 m G.D. with <<1 mm sulphide stringers ~75% po 25% cpy every 1.5 m til 90 m where stringers dissappear to reappear at 97.5 m. From 94-98 m get 1-2 cm calcite veins every 1-1.5 m unmineralized with s. cly alt. 1 cm into granodiorite.	mod																																	
v	52	{89.5}															88.52	91.52	3.00	H237847		0.007	52	88.39	91.44	3.05	3.05	100	3.05	100	FR	S	3	20	5	3	A
																	91.52	94.52	3.00	H237848		0.003	37	91.44	94.49	3.05	3.04	99.672	2.74	89.836	FR	S	3	25	5	3	A
v	54	{94.25}															94.52	97.52	3.00	H237849		0.001	33	94.49	97.54	3.05	2.96	97.049	2.69	88.197	FR	S	5	30	3	3	A/Ca

PROPERTY: Fairweather **HOLE:** DDH-FW08-03

Struct.		LITHOLOGY								ALT.			MINERALS				SAMPLES						Blocks			GEOTECHNICAL						JOINTS					
																										REC		RQD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	chl	cly		po	cpy	mal	py	From (m)	To (m)	Interval (m)	Sample		Au (ppm)	Cu (ppm)	From (m)	To (m)	Invl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
v	30	{96.5}															blank			H237850		0.0005	0.5														
v	57	{98}															97.52	100.52	3.00	H237851		0.004	51	97.54	100.58	3.04	2.99	98.355	2.88	94.737	FR	S	3	25	3	3	A/Ca/Fe
v	57	{102}															100.52	103.52	3.00	H237852		0.01	45	100.58	103.63	3.05	2.97	97.377	2.89	94.754	FR	S	3	25	5	3	A
																	103.52	105.04	1.52	H237853		0.004	11	103.63	106.68	3.05	2.99	98.033	2.40	78.689	FR	S	3	5	2	3	A
C	53	105	106.2	1.18					Drk gy slightly sandy silicified siltstone (xenolith). ~5% white 1 mm thick beds. 2 beds ~1 mm thick of py. All seds appear to be recrystalized with ~20% 1x1 mm dia qtz clasts.								105.04	106.22	1.18	H237854		0.001	218														
B	85																																			
C	74																																			
		106.2							G.D. with 1-2 mm qtz strigers +/- cal (up to 30% cal), unmineralized occuring every 30-50 cm with mod cly alt. 1 cm in granodiorite as move away from seds get progressively less cal.	mod							106.22	109.22	3.00	H237855		0.003	59	106.68	109.73	3.05	2.99	98.033	2.72	89.18	FR	S	3	25	5	3	A
v	49	{107}							111-118 m start to get sulphide stringers (25% po, 75% cpy) <<1 mm thick every 2 m. (where fractures 5-15% fracture coated with sulphide, same ratio as above) @ 115.29 and 116.48 m 3 cm and 1.5 cm wide cal veins respectively. Both contain ~ 10% G.D. rip-up clasts. Non-mineralized.	mod							109.22	112.22	3.00	H237856		0.015	57	109.73	112.78	3.05	3.04	99.672	2.88	94.426	FR	S	3	25	3	3	A/Ca/Fe
v	43	{108.5}							118-130 m same as above with qtz +/- calcite veins 0.5-1 cm wide every 1-2 m. By 122 m no more sulphide stringers.	mod																												
v	58	{111.25}							130-131 m near vert., slightly erratic 1-3 mm wide calcite veinss with ~5% fine grained diss py.	mod							112.22	115.22	3.00	H237857		0.008	35	112.78	115.82	3.04	2.96	97.368	2.81	92.434	FR	S	2	20	5	3	A/Ca
v	62	{114.32}							131-138.61 m sulphide strings again (same as before) occur every 0.5-1.5 m	mod							115.22	118.22	3.00	H237858		0.003	24	115.82	118.87	3.05	3.00	98.361	2.91	95.41	FR	S	2	10	2	3	A/Ca
		138.6	144.2	5.6					drk bn cly alt (~20% on average) vaies from near complete cly alt to pristine G.D., where cly alt is not complete can see it formed as whispy stringers. Every 50 cm 2mm-1cm wide erratic cly stringers.	mod	s->xtreme																										
v	41	{115.29}							138.61-139.21 m ~95% altered to drk bn cly.		0.95																									
v	57	{116.48}							139.21-139.34 m pristine G.D. with minor cly stringers																											
v	45	{118}							139.34-139.70 m ~75% drk bn cly alt		0.75						118.22	121.22	3.00	H237859		0.003	24	118.87	121.92	3.05	2.94	96.393	2.50	81.967	FR	MS	3	10	5	3	A/Cy/Bk
v	45	{121.8}							139.70-139.89 m ~5% cly stringers (dendritic) in G.D.		s						121.22	124.22	3.00	H237860		0.001	24	121.92	124.97	3.05	3.02	99.016	2.85	93.443	FR	S	4	30	5	3	A/Ca/Py
																	124.22	127.22	3.00	H237861		0.002	16	124.97	128.02	3.05	2.96	97.049	2.76	90.492	FR	S	3	30	5	3	A/Ca
v	48	{127.9}							139.89-143.40 m ~50% thin erratic cly stringers in GD		0.5						127.22	130.22	3.00	H237862		0.002	24	128.02	131.06	3.04	3.02	99.342	2.80	92.105	FR	S	3	25	2	3	A/Ca
v	37	{123.5}							143.4-144.21 m ~5% bn cly stringers		s						130.22	133.22	3.00	H237863		0.009	41	131.06	134.11	3.05	3.05	100	2.89	94.754	FR	S	4	15	3	3	A
v	19	{132}															133.22	136.22	3.00	H237864		0.014	41	134.11	137.16	3.05	3.01	98.689	2.77	90.82	FR	S	4	25	5	3	A/Ca
v	61	{133.25}																																		
v	66	{135}															136.22	138.61	2.39	H237865		0.005	35													
v	65	{138}															138.61	141.61	3.00	H237866		0.002	46	137.16	140.21	3.05	2.78	91.148	1.76	57.705	FR	S	5	10	5	3	A/Bk/Cy
C	60	{138.61}															141.61	144.21	2.60	H237867		0.004	51	140.21	143.26	3.05	3.00	98.361	1.35	44.262	FR	MS	6	10	5	3	A/Bk/Cy
v	35	{145.5}							144.21-152 m G.D. with 2-6 mm wide qtz +/- cal every 10 cm at beginning of interval decreasing to every 50 cm by end of int. rare blebs of fine grained py +/- cpy in veins. Veins massive with slight colloform texture	mod							144.21	147.21	3.00	H237868		0.001	58	143.26	146.30	3.04	2.89	95.066	2.46	80.921	FR	S	8	10	5	3	A
v	59	{147}															147.21	150.21	3.00	H237869		0.0005	57	146.30	149.35	3.05	3.01	98.689	2.62	85.902	FR	S	8	10	5	3	A
v	47	{148.2}																																		
v	36	{150.5}															150.21	153.21	3.00	H237870		0.0005	44	149.35	152.40	3.05	3.03	99.344	2.83	92.787	FR	S	4	10	3	3	A

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Struct.		LITHOLOGY							Notes:	ALT.			MINERALS				SAMPLES						Blocks			GEOTECHNICAL						JOINTS				
																										REC		RQD								
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier		chl	cly		po	cpy	mal	py	From (m)	To (m)	Interval (m)	Sample	Au (ppm)	Cu (ppm)	From (m)	To (m)	Invl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
v	49	{151.75}							152-153.5 m G.D. with ~15% s chl alt along erratic "veinlets" with minor bn cly alt ~60-80 dip.	s							153.21	156.21	3.00	H237871	0.001	48	152.40	155.45	3.05	3.05	100	2.75	90.164	FR	S	4	10	3	3	A
v	10 to 3	{154.15}							153.5-159.15 m G.D. 1-2 mm qtz stringers with rare py blebs every 10 cm. 157.9-158.5 m ~10% s chl alt along erratic "veinlets" and ~10% bn cly alt.	mod																											
v		{155.95}															156.21	159.21	3.00	H237872	0.002	58	155.45	158.50	3.05	3.05	100	2.70	88.525	FR	S	5	5	5	3	A
v	54	{157.05}							159.15-159.5 m G.D. with ~20% altered by near vertical drk bn cly stringers	mod	0.2						159.21	162.21	3.00	H237873	0.008	49	158.50	161.54	3.04	2.96	97.368	2.49	81.908	FR	S	5	10	5	3	A/Cy
									159.5-160.41 m G.D. ~ 60-70% altered by bn cly "vein", encorperating ~ 10% 0.5-1 cm subrounded G.D. clasts. Near vertical and slightly erratic.		60-70%																									
									160.41-161.14 m G.D. with ~20% cly veins (many stringers near vert.)		0.2																							
v	25	{162.97}							161.14-168.14 m G.D. with qtz veins ~4 mm wide with colloform texture, occur every 50 cm and ~1% bn/gy cly stringers @ ~30-40 degrees through-out.	mod							162.21	165.21	3.00	H237874	0.005	53	161.54	164.59	3.05	3.05	100	2.59	84.918	FR	S	7	15	3	3	A/Bk/Qz
									168.14-169.47 - heavily fractured 75% bn cly altered G.D. (vein?) with ~ 5% calcite vein material (at least 2 cm wide)	mod	0.75						blank			H237875	0.0005	0.5																
									169.47-169.79 m unaltered G.D.	mod							165.61	168.21	2.60	H237876	0.002	71	164.59	167.64	3.05	3.00	98.361	2.42	79.344	FR	S	4	15	5	3	A
									169.79 - 170.84 m ~25% erratic bn cly "veins" ~80% cly alt in these "veins"	mod	0.2						168.21	171.21	3.00	H237877	0.0005	39	167.64	169.47	1.83	1.65	90.164	0.16	8.7432	FR	MS	-	-	-	3	A/Bk/Cy/Ca
									170.84-171.33 m unaltered G.D.	mod							171.21	174.21	3.00	H237878	0.017	71	169.47	170.69	1.22	1.21	99.18	0.63	51.639	FR	MS	2	30	5	3	A/Bk/Cy
v	70	{171.50}							171.33-171.80 m ~10% bn cly veinlets with minor 2 mm qtz veins. xtreme chl alt across interval	xtrem	0.1												170.69	173.74	3.05	2.99	98.033	2.79	91.475	FR	S	6	10	5	3	A/Ca/Qz/Cy
v	72	{172.5}							171.80-183.10 m G.D. with rare erratic bn cly stringers every 30-50 cm 1-4 mm wide white qtz vein with weal colloform texture; usually cross core in planar manner, few with step like orientation.	mod																											
v	58	{173.5}							by 175.5 m no more bn cly stringers								174.21	177.21	3.00	H237879	0.008	71	173.74	176.78	3.04	3.03	99.671	2.50	82.237	FR	S	8	5	5	3	A/Ca/Cy
v	72	{176.3}							by 176 m ~33% of qtz stringers have ~5% v fine grained py? Qtz stringers are very erratic ranging from 0-80 degree dip (however tend to be planar), qtz stringers contain up to 15% cal. Rare flecks diss. po (1 per 2 m)				rare flecks				177.21	180.21	3.00	H237880	0.011	75	176.78	179.83	3.05	2.98	97.705	2.82	92.459	FR	S	5	10	5	3	A
v	45	{178.31}															180.21	183.10	2.89	H237881	0.005	70	179.83	182.88	3.05	2.95	96.721	2.28	74.754	FR	S	5	10	5	3	A/Ca
v	82	{181.31}															183.10	184.04	0.94	H237882	0.002	117	182.88	185.93	3.05	2.91	95.41	1.49	48.852	FR	S	7	10	5	3	A/Qz/Bk
v	58	{182.65}															184.04	187.04	3.00	H237883	0.008	79	185.93	188.98	3.05	2.98	97.705	2.26	74.098	FR	S	8	20	3	3	A/Bk/Cy
B	38								183.10-184.04 m drk bn hornfelsed fine grained sandstone with 25% v erratic 1-2 cm wide qtz veins (massive, non-mineralized) non-planar "swirly" veins. First 10 and last 5 cm of interval a med->lit gy colour (discolouration due to proximity of intusion?). Likely a xenolith.								187.04	190.04	3.00	H237884	0.004	55	188.98	192.02	3.04	2.93	96.382	1.87	61.513	FR	S	10	25	5	3	A/Bk/Cy/Ca
									184.10-201.37 m G.D. with rare fleck po +/- cpy (v.t.)	mod			vt	vt																					
									bu 186.5 m ~2-5% bn cly stringers	mod	2-5%		vt	vt																					
v	41	{189.5}							186.9-187.17 m start getting 15% bn cly stringers	mod	0.15		vt	vt			190.04	193.04	3.00	H237885	0.002	64															
v	63	{192.5}							187.17-187.77 m 85% bn/blk cly with 15% subrounded G.D. clasts.	mod	0.85		vt	vt			193.04	196.04	3.00	H237886	0.002	41	192.02	195.07	3.05	2.84	93.115	2.45	80.328	FR	S	7	20	5	3	A/Ca
v	35	{194}							187.77-196 m G.D. with v.t. po +/- cpy and unmineralized qtz veins 2-3 mm wid every 1 m.	mod			vt	vt			196.04	199.04	3.00	H237887	0.002	43	195.07	198.12	3.05	2.87	94.098	2.79	91.475	FR	S	4	10	5	3	A/Ca/Qz

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Struct.		LITHOLOGY								ALT.			MINERALS				SAMPLES						Blocks			GEOTECHNICAL						JOINTS					
																										REC		RQD									
Type	Atitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	chl	cly		po	cpy	mal	py	From (m)	To (m)	Interval (m)	Sample		Au (ppm)	Cu (ppm)	From (m)	To (m)	Invl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Atitude	Shape	Roughness	Infilling
v	71	{195.5}							196-201.37 m G.D. with t diss po and cpy.	mod			t	t			199.04	202.04	3.00	H237888		0.002	53	198.12	201.17	3.05	2.95	96.721	2.62	85.902	FR	S	5	5	5	3	A
		201.4	202.2	0.8					G.D.? or altered diorite xenolith. s->xtreme chl alteration with t diss py	s->xtreme						t																					
		202.2	242.5	40.33					G.D. with ~1-2% bn cly stringers, eratic with dip ~60-70 degrees.	mod	mod						202.04	205.04	3.00	H237889		0.001	48	201.17	204.22	3.05	2.91	95.41	1.29	42.295	FR	S	9	5	5	3	A/Ca/Bk/Cy
v	68	{202.5}							205.75-206.05 80% bn cly with 20% 1-2 mm sub-angular G.D. clasts.		0.8						205.04	208.04	3.00	H237890		0.004	45	204.22	207.26	3.04	3.00	98.684	1.17	38.487	FR	S	9	10	5	3	A/Ca/Bk/Cy
v	19	{204.5}							206.05-207.90 m G.D.	mod																											
v	84	{207}							207.9-208.4 m G.D. with 20% bn cly stringers (erratic ~60-70 degree dip)	mod	0.2						208.04	211.04	3.00	H237891		0.004	38	207.26	210.31	3.05	2.75	90.164	2.23	73.115	FR	MS	5	10	5	3	A/Cy/Bk
									208.4-208.5 m ~95% bn cly		0.95																											
									208.5-208.8 m 20% erratic bn cly stringers	mod	0.2																											
									208.8-211.5 m G.D. with ~3% bn cly occuring in clumps ~1 clump every metre.	mod	mod																											
v	50	{210.5}							211.57-215.57 m G.D., unmineralized with unmineralized calcite veins (1-4 mm wide) every 30-50 cm	mod																													
v	22	{211.5}															211.04	213.07	2.03	H237892		0.004	45	210.31	213.36	3.05	2.77	90.82	2.29	75.082	FR	S	5	20	5	3	A
v	36	{213}															213.07	215.57	2.50	H237893		0.001	39	213.36	216.41	3.05	2.89	94.754	2.09	68.525	FR	S	7	25	5	3	A/Ca
v	45	{214.5}																																			
v	69	{215.57}							215.57-219.07 m med bn aplite dyke with t py on fractures.								215.57	219.07	3.50	H237894		0.001	52	216.41	219.46	3.05	2.90	95.082	0.96	31.475	FR	MS	9	25	5	3	A/Ca/Limonitic?
v	56	{219.07}							219.07-226.73 m G.D. with v.t. diss po/cpy (bleb every 1-2 m) and calcite veins, barren 1-3 mm wide every 1-2 m, By 224 m calcite veins occur every 50 cm with s cly alt halos extending up to 3 cm into host rock (though usually <1 cm) rarely veins contain up to 10% v fine grained py.	mod			vt			219.07	222.07	3.00	H237895		0.002	47	219.46	222.50	3.04	3.04	100	2.62	86.184	FR	S	5	10	5	3	A/Ca
v	63	{221.50}															222.07	225.07	3.00	H237896		0.003	73	222.50	225.55	3.05	3.03	99.344	2.66	87.213	FR	S	5	10	5	3	A/Ca/Cy/Bk
v	69	{225}							226.73-226.88 m ~20% chl stringers and s chl alt with ~5% bn cly	0.2	0.05						225.07	228.07	3.00	H237897		0.003	68	225.55	228.60	3.05	2.90	95.082	2.56	83.934	FR	S	3	20	5	3	A/Ca
v	58								226.88-231.04 m G.D. with unmineralized calcite veins ~ every 50 cm t.diss. po +/-cpy through-out.				t	t																									
v	60								231.04-231.53 m ~20% chl stringers with s cly alt and 10% bn cly.	0.2	0.1																											
v	63								231.53-238.53 m G.D. with 3-5 mm non-cal veins ~every 50 cm v. thin sulphide (cpy?) stringers every 40-75 cm and minor chl stringers found near sulphide stringers.	mod																													
v	44	{227.75}															228.07	231.07	3.00	H237898		0.004	58	228.60	231.65	3.05	3.05	100	2.65	86.885	FR	S	6	30	5	3	A
v	49	{232}															231.07	234.07	3.00	H237899		0.002	52	231.65	234.70	3.05	3.05	100	2.60	85.246	FR	S	5	25	5	3	A/Ca/Py
																	blank			H237900		0.0005	22														
v	54	{233.5}							No more cal. veins by 234.50 m v.t. diss. sulphide (po +/- cpy) begins here				vt	vt			234.07	237.07	3.00	H237901		0.004	46	234.70	237.79	3.04	3.04	100	1.65	54.276	FR	S	8	20	5	3	A
v	45	{236}							238.25-238.75 m G.D. with mod->s cly alt	mod							237.07	240.07	3.00	H237902		0.005	56	237.79	240.79	3.05	2.92	95.738	2.28	74.754	FR	S	6	20	5	3	A/Ca
v	61	{238}							238.75-246.89 m G.D. with rare qtz stringers	mod							240.07	243.07	3.00	H237903		0.007	47	240.79	243.84	3.05	2.85	93.443	2.76	90.492	FR	S	4	10	5	3	A
v	53	{241.5}															243.07	246.89	3.82	H237904		0.002	39	243.84	246.89	3.05	2.75	90.164	2.68	87.869	FR	S	2	10	5	3	A
v	58	{242.5}																																			
									EOH																												