ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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ASSESSMENT REPORT

describing

DIAMOND DRILLING AND GEOPHYSICAL SURVEYS

at the

GOZ PROPERTY

Duo 1-6	Y69448-Y69453
Duo 7-62	YC57136-YC57191
Goz 2	Y69433
Goz 4	Y69435
Luv 2	Y69441
Luv 6-8	Y69445-Y69447
Stol 7-8	Y69462-Y69463

NTS 106C/07 & 08
Latitude 64º26'N; Longitude 132º31'W

in the
Mayo Mining District,
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

TARSIS CAPITAL CORP.

by

William A. Wengzynowski, P.Eng.
and
M. R. Dumala, P.Eng.

March 2009

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INTRODUCTION

The Goz property is located in east-central Yukon and consists of roughly 1450 ha owned 100% by Tarsis Capital Corp. The property hosts Mississippi Valley Type (MVT) mineralization in numerous occurrences and one noncompliant NI 43-101 resource.

This report describes exploration conducted between June 8 and July 13, 2008 by Archer, Cathro & Associates (1981) Limited on behalf of Tarsis. The authors participated in and supervised the program, which consisted of ground gravity surveys and 775.73 m of diamond drilling in 7 holes. The author's Statement of Qualifications appear in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Goz property consists of 70 contiguous mineral claims located in central Yukon at latitude 64°26´N and longitude 132°31´W on NTS map sheets 106C/07 & 08 (Figure 1). The claims are registered with the Mayo Mining Recorder in the name of Tarsis Capital Corp. Specifics concerning claim registration are tabulated below while the locations of individual claims are shown Figure 2.

Claim Number	Grant Number	Expiry Date*
Duo 1-6	Y69448-Y69453	March 31, 2016
Duo 7-62	YC57136-YC57191	March 31, 2013
Goz 2	Y69433	March 31, 2016
Goz 4	Y69435	March 31, 2016
Luv 2	Y69441	March 31, 2016
Luv 6-8	Y69445-Y69447	March 31, 2016
Stol 7-8	Y69462-Y69463	March 31, 2016

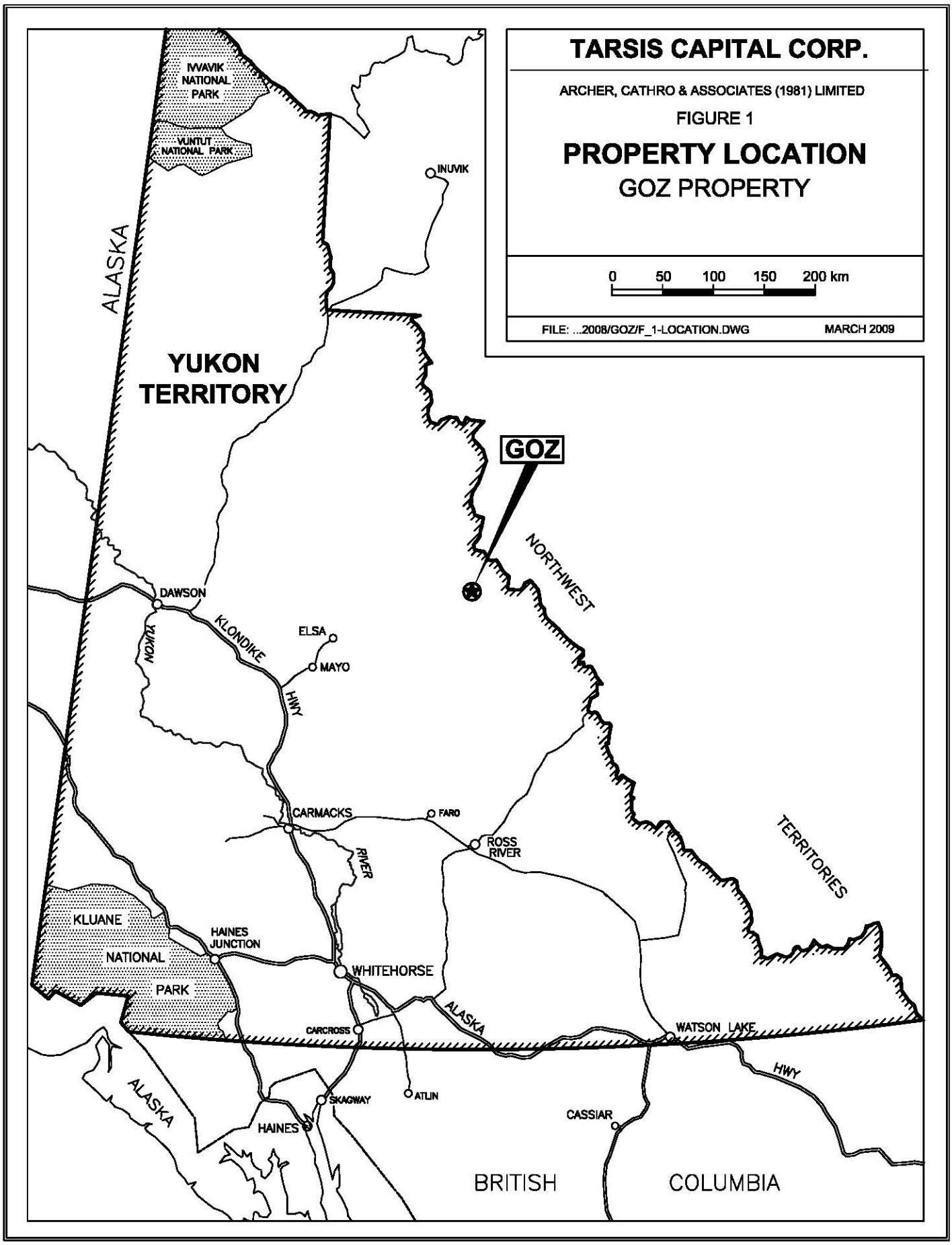
* Expiry dates include 2008 work which has been filed for assessment credit.

The property lies 180 km northeast of Mayo, the nearest supply centre. Mayo can be reached in all seasons by two wheel drive vehicle using the Yukon highway system.

In 2008, supplies and equipment were mobilized from Mayo to the unmaintained gravel Rackla airstrip, using a Britten Norman Islander operated by Sifton Air of Haines Junction and a Shorts Skyvan operated by Alkan Air of Whitehorse. The remainder of the mobilization 40 km northeast to the property and access to various parts of the claim block plus daily logistical support were accomplished using a Hughes 500D helicopter that was based on the property and operated by Fireweed Helicopters Ltd. of Whitehorse. Float-equipped, fixed wing aircraft is possible at Goz Lakes, 14 km north of the property.

EXPLORATION HISTORY

The area underlying the current Goz property was originally staked in 1973 by Barrier Reef Resources Ltd., which carried out prospecting, geological mapping and rock geochemical


TARSIS CAPITAL CORP.
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 1
PROPERTY LOCATION
GOZ PROPERTY
0 50 100 150 200 km
FILE: ...2008/GOZ/F_1-LOCATION.DWG
MARCH 2009
IVVAVIK NATIONAL PARK
VUNTUT NATIONAL PARK
INUVIK
ALASKA
YUKON TERRITORY
GOZ
NORTHWEST
TERRITORIES
DAWSON
YUKON
KLONDIKE HWY
ELSA
MAYO
CARMACKS
FARO
ROSS RIVER
RIVER
KLUANE NATIONAL PARK
HAINES JUNCTION
WHITEHORSE
CARCROSS
ALASKA
WATSON LAKE
HWY
ALASKA
SKAGWAY
ATLIN
HAINES
CASSIAR
BRITISH COLUMBIA

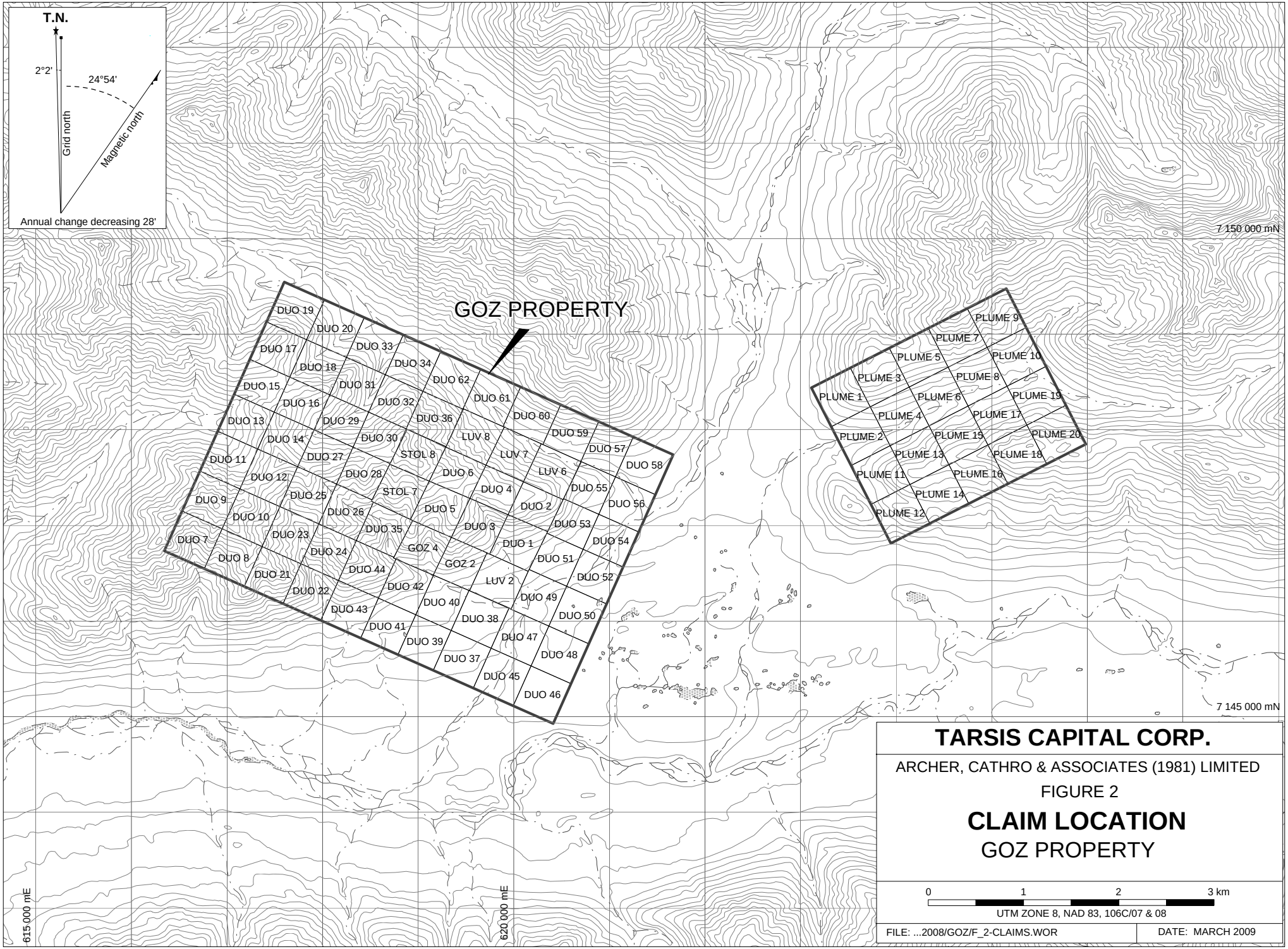


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FIGURE 2

CLAIM LOCATION

GOZ PROPERTY

0 1 2 3 km

UTM ZONE 8, NAD 83, 106C/07 & 08

FILE: ...2008/GOZ/F_2-CLAIMS.WOR | DATE: MARCH 2009

sampling later that year (Hamilton, 1973). The property was optioned to Conwest Exploration Company Ltd. in 1974, which carried out mapping and diamond drilling in 20 holes totalling 2023.6 m (Verley, 1974). In 1975, Conwest completed geological mapping and diamond drilling in 35 holes totalling 4195.3 m (Hairsine et al., 1975). This work resulted in the calculation of a non-compliant NI 43-101 reserve of 1,360,770 tons grading 10% sulphide zinc and 3% oxide and carbonate zinc.

The property was later transferred to MFC Mining Finance Corporation Inc. and in 1987 to Fairfield Minerals Ltd. which reviewed the previous work and released a revised non-compliant resource calculation of 2,893,00 tons averaging 11.25% zinc (Deklerk and Traynor, 2005). No further work has been conducted on the property.

In spring 2007, Tarsis purchased the 14 claims comprising the Goz property and staked an additional 56 claims later that year.

GEOMORPHOLOGY

The Goz property is located within the Bonnet Plume Range of the Wernecke Mountains, an area of moderate to rugged topography. The property covers a local northwest trending ridge system at the confluence of Goz and Duo Creeks, of the Bonnet Plume and Snake Rivers. These ultimately flow into the Arctic Ocean via the Peel and Mackenzie Rivers.

Local elevations range from 1000 m to 1860 m. Outcrop is found along steep hillsides and deeply incised drainages. Vegetation consists of stunted spruce, willow, buckbrush, moss and grass below 1400 m with open slopes at higher elevations.

REGIONAL GEOLOGY

The Goz property is underlain by a large northwest-trending fault bound block of Upper Proterozoic carbonate to siliciclastic rocks of the Risky Formation within the Mackenzie Platform (Figures 3 and 4). The Risky Formation unconformably underlies the Sekwi Formation and conformably overlies the Sheepbed Formation, which in turn unconformably overlies rocks belonging to the Pinguicula/Fifteen Mile Group. To the south, an east trending fault places Hyland Group sediments up against this sequence of rocks, while rocks belonging to the Road River Group and Mt. Kindle Formation are located to the north (Gordey and Makepeace, 1999).

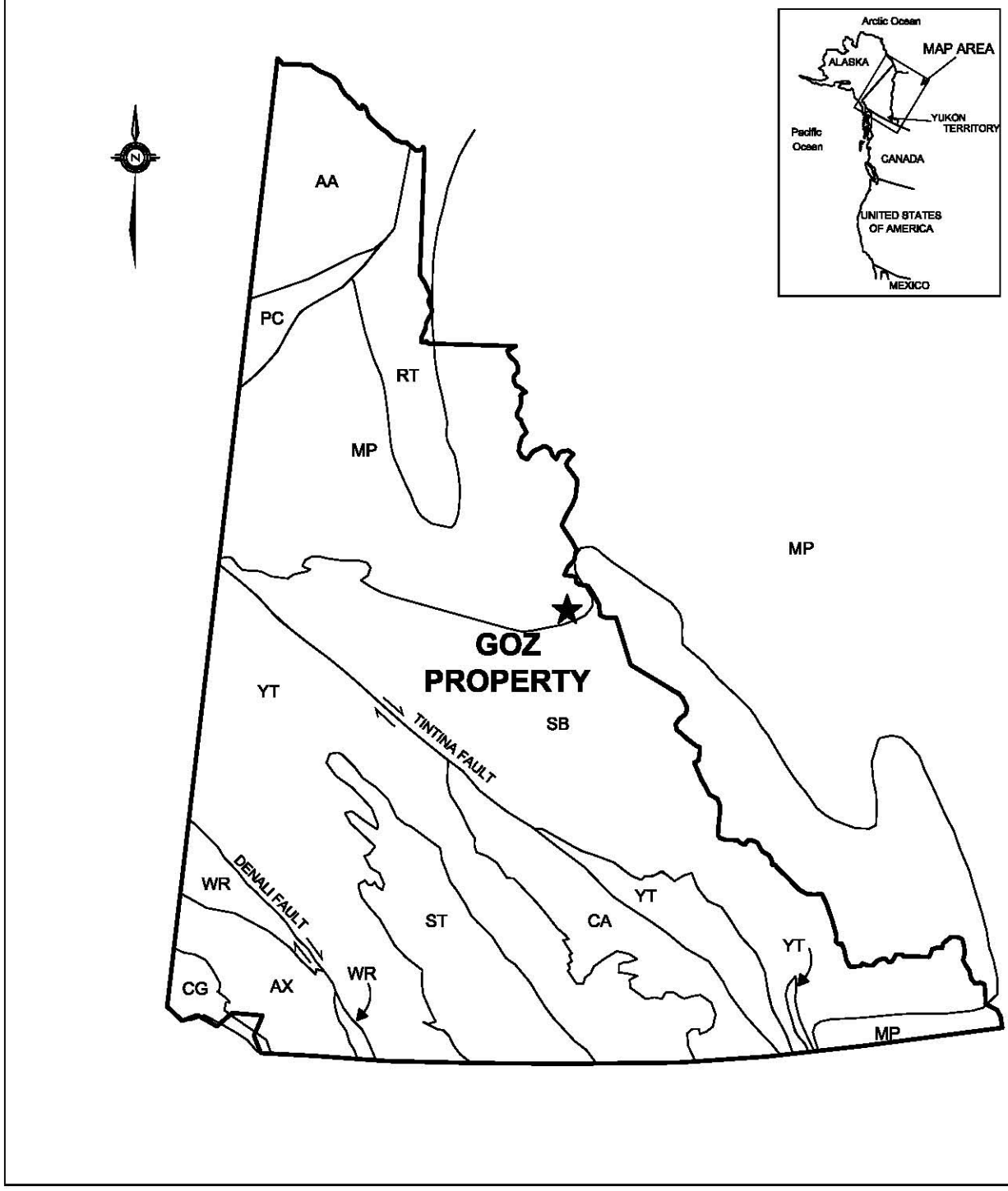
The following table summarizes the main lithologies in the Goz area from youngest to oldest.

Table I: Regional Lithological Descriptions

QUATERNARY
Fluvial silt, sand and gravel.

-UNCONFORMITY-

CAMBRIAN TO DEVONIAN
Road River Group: shale, limestone and minor chert



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

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FIGURE 3

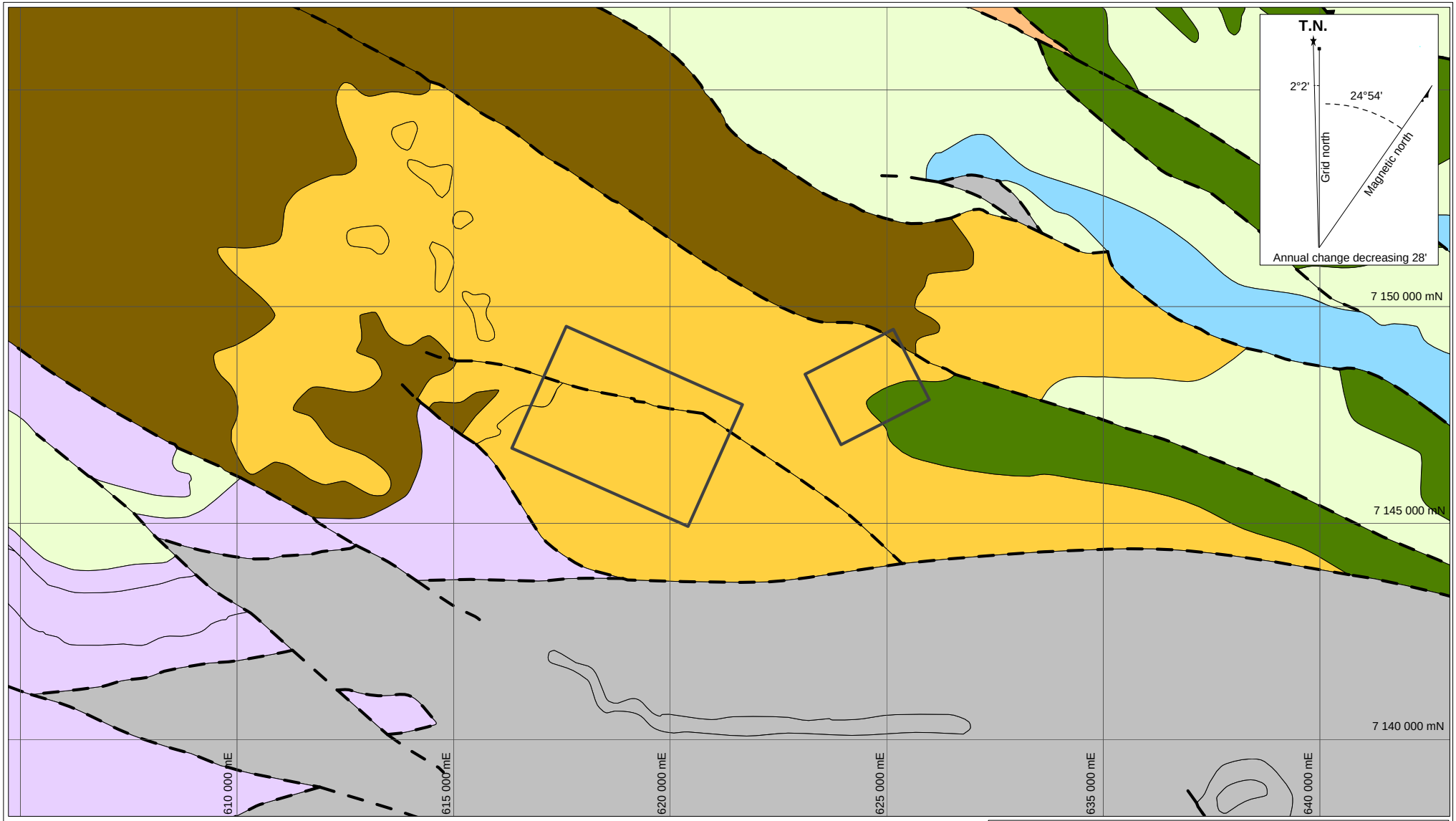
TECTONIC SETTING

GOZ PROPERTY

0 100 200 km

FILE: ...2008/GOZ/F_3-TECTONIC.DWG

DATE: MARCH 2009



CAMBRIAN TO DEVONIAN
- Road River Group

UPPER ORDOVICIAN AND SILURIAN
- Mt. Kindle Formation

LOWER CAMBRIAN
- Sekwi Formation

UPPER PROTEROZOIC TO LOWER CAMBRIAN
- Hyland Group

UPPER PROTEROZOIC
- Risky Formation
- Sheepbed Formation

MIDDLE PROTEROZOIC
- Pinguicula/Fifteen Mile Group

Fault

After Gordey and Makepeace, 1999

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FIGURE 4

REGIONAL GEOLOGY

GOZ PROPERTY

0 2.5 5.0 7.5 km

UTM ZONE 8, NAD 83, 106C/07 & 08

FILE: ...2008/GOZ/F_4-REG.WOR

DATE: MARCH 2009

UPPER ORDOVICIAN AND SILURIAN
Mt. Kindle Formation: dolomite

-UNCONFORMITY-

LOWER CAMBRIAN
Sekwi Formation: limestone, dolomite, quartz sandstone and siltstone

-UNCONFORMITY-

UPPER PROTEROZOIC TO LOWER CAMBRIAN
Hyland Group: limestone, shale and minor mafic volcanic rocks

-UNCONFORMITY-

UPPER PROTEROZOIC
Risky Formation: dolomite, quartzite, siltstone and shale

Sheepbed Formation: shale, siltststone and minor quartzite and limestone

-UNCONFORMITY-

MIDDLE PROTEROZOIC
Pinguicula/Fifteen Mile Group: carbonate assemblage with basal clastics

GEOLOGY

The Goz property covers a northwest trending fault block of relatively flat lying carbonates dominated by dolomite currently assigned to Upper Proterozoic Risky Formation (Figure 5). Some sections are locally arenaceous. These dolomites are in contact with a number of shale sequences that belong to the Upper Proterozoic to Lower Cambrian Hyland, the Lower Cambrian Sekwi Formation and contacts between the Upper Proterozoic Sheepbed Formations. They are medium to light grey, thick bedded to massive and fine to microcrystalline. There are a number of dolomite units identified within the stratigraphic section in the vicinity of the Goz property. Unit A1 is described as a bituminous speckled dolomite and is thought to be the "key" unit situated near the stratigraphic top of the section. The underlying unit, A2 is mapped as a micritic dolomite and is considered less favourable to host mineralization. The combine dolomite section is estimated to be up to 700 m thick and is often intensely fractured. Contacts between the carbonate and shale are both conformable and unconformable.

Structural interpretation of the Goz area by Barrier Reef and Conwest geologists identified a complex array of easterly and north to northwesterly trends with numerous bifurcations and "horse tails" off the main structures. Most of these faults are shown to be relatively high angle normal and reverse faults. Much of the significant mineralization discovered to date is developed in close proximity to these structures.

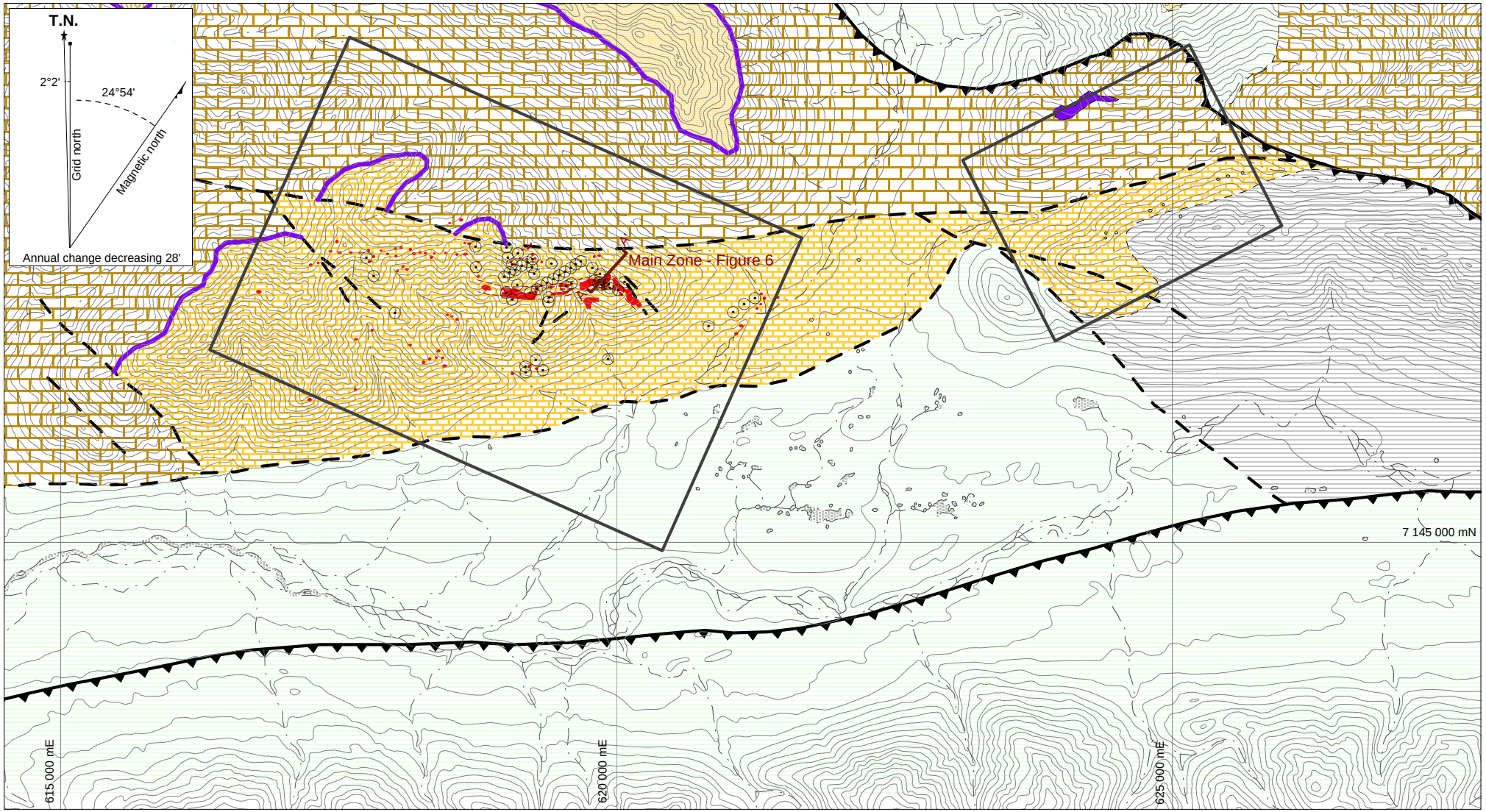

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FIGURE 5

PROPERTY GEOLOGY

GOZ PROPERTY

0 1 2 3 km

UTM ZONE 8, NAD 83, 106C/07 & 08

FILE: ...2008/GOZ/F_5-GEO.WOR | DATE: MARCH 2009

Shale - dark grey and brown, very thin bedded to laminated silty shale and sandstone.

Dolostone - medium to light gray and mottled gray, thick bedded to massive, fine to microcrystalline vuggy dolostone with minor solution breccia, chert. Locally arenacous and pisolitic. Hosts unit for Pb-Zn mineralization.

Sandstone - light gray to brownish gray, very thin bedded to thinly laminated pourous dolomitic quartz sandstone and dark gray non-calcareous shale. Abundant tangential crossbedding. Conglomeritic at base.

Dolostone - medium to light gray, thin to thick bedded, fine to microcrystaline dolostone. Locally aarenaceous, pisolic.

Shale - light brown, medium to dark gray, thin bedded to laminated phyllitic shale.

After Hamilton, 1973

Mineralization

Normal fault

Thrust fault

Contact

Diamond drill hole

MINERALIZATION

Mineralization at Goz Creek is hosted within a 700 m thick, flat lying, porous, partly pisolitic and sandy dolomitized limestone unit mapped as Upper Proterozoic Risky Formation. This unit can be traced for over an 8 km long by 3.2 km wide area. Mineralization occurs in a number of distinct forms that are described in detail in the following paragraphs. It consists dominantly of combinations of sphalerite and smithsonite, with quartz, minor amounts of galena and minor pyrite and boulangerite.

The area hosting the most continuous mineralization on the Goz property is located near the centre of the claim block and can be traced intermittently over a length of 1.3 km within a 107 m thick dolomite layer. The Main Zone was the primary focus of the historic exploration, which outlined 2,893,000 tons grading 11.25% zinc in an average 30 m wide structural zone.

The following section is a description of the mineralization as described by Hairsine, et al., 1975. The various modes of occurrence of zinc on the Goz property can be divided into four relatively distinct but overlapping stages of mineralization as follows:

Type I - Depositional Stage

Bedded silica and finely disseminated sphalerite were precipitated as a local depositional feature in the carbonates. The silica and/or sphalerite are characterized by a banded or finely laminated fabric that is due to silica colour variations or changes in the silica:sphalerite ratio. Typically, on the weathered surface the sphalerite is leached, leaving a porous, pumice-like rock which is easily mechanically degraded. It has been interpreted by others as silicified dolomite or "sanded sphalerite" (mechanical concentrations of detrital sphalerite in cavities or hollows due to supergene process). However, there is evidence that it is a primary sedimentary deposit and represents the oldest mineralization on the property.

The form and grade of this recrystallized chemical sediment is variable. At one extreme it consists of more or less massive silica. In DDH #74-6 it occurs as well preserved sedimentary structures such as fine (0.1mm) laminations, flame structures and thin beds of "chert gravel" which impose load castings on the fine laminations.

At the other extreme, some blocks near the Main Zone are 80% sphalerite but show the typical banded or laminated internal structure; some are cross-bedded. In between are a wide variety of intermediate types. In some samples there is a particularly leached rhythmite of lighter and darker silica, with disseminated yellow sphalerite preferentially concentrated in the lighter bands. Some irregular band contacts could represent load casting and may indicate early crystallization from the presumably gel-like primary precipitate. In other samples, erratic to oblate patches of white silica and/or dolomite distort or disrupt the laminations. These structures are produced in other chemical sediments such as the gypsum growths in evaporitic sediments or colloform pyrite nodules in banded, massive sulphide deposits.

Each sphalerite band is chemically graded with sphalerite: silica ratios being highest at the bottom of each band and gradually decreasing upwards.

Bands of silica and sphalerite have been affected by later brecciation, silicification, quartz veining and base metal mineralization. These later processes tend to obliterate the finely laminated structures.

Disseminated sphalerite without any laminated fabric is placed in this interval.

Type II - Dolomitization Stage

During and following primary dolomitization of lithified carbonates; vugs, fractures and breccias were formed and subsequently filled or coated by secondary dolomite, pyrite, sphalerite, galena, euhedral quartz and boulangerite.

Small euhedral crystals of red sphalerite commonly infill secondary dolomite-coated vugs containing small euhedral quartz. The average grade of this ubiquitous mineralization is less that 0.1% Zn but there are areas grading 0.5 to 2.0% Zn. Galena occurs as massive infillings in fractures or cavities in some samples along the ridge of the eastern part of the main hill.

Orange-red and brown sphalerite locally infills fractures often associated with faults orientated at 80° ±15° and 160° ±10°. Commonly, these fractures are completely filled by only sphalerite. On rare occasions, black sphalerite with pyrite or galena are the infillings. Some of this type of mineralization is cut by later faults as seen in DDH #75-22. Although there are a few well developed breccias in surface outcrops some have been observed in drill core.

Type III - Silicification Stage

Pervasive silica flooding, sometimes flanked by intermittent silicification, forms irregular discordant zones that more often than not are accompanied by high-grade (>5% Zn) concentrations of predominantly yellow and pale green sphalerite. The silica is usually light to medium grey and is texturally amorphous. Examples of sphalerite introduced or altered by pervasive silicification is best developed and exposed in the Main Zone.

During the latter stages of silicification and following it, white silica veining and open space filling occurred. Red sphalerite was believed to have been introduced at this time accompanied by minor amounts of boulangerite, galena and pyrite. This mineralizing phase is more widespread than the pervasive silicification in that it is found further away from the main vertical structures. Often where white quartz and red sphalerite cut across pre-existing sphalerite, the latter is altered to a red colour up to 6 inches from the contact.

Most of the known high-grade zinc occurrences are in areas of silica flooding along fracture zones exhibiting two distinct orientations. The north northwest trending fracture zones (330°) are best represented at the Main Zone while the other dominant orientation is along an 80° azimuth.

Type IV - Weathering Stage

Adjacent to high-grade silica-sphalerite mineralization are high-grade smithsonite zones. This smithsonitic material is a yellow to brown, porous rock containing fragments and "potato chips" of quartz. Formation of this rock is attributed to supergene solutions.

Silicified zones are most highly leached of all mineralized exposures, whereas sphalerite in a dolomite host is rarely weathered to any degree. Within siliceous zones, the gossanous residue left from the weathering of yellow sphalerite is brownish and, in the case of red sphalerite (which may reflect a higher manganese content.).

The supergene solution phenomena is explainable in terms of pH buffers. Dolomite under atmospheric pCO_2 conditions will buffer aqueous systems at near neutrality. Under the same conditions sphalerite is only slightly soluble and silica is essentially inert, thus not exerting any buffer control. A small amount of dissolving pyrite can make the aqueous system quite acidic. In acidic pH fields sphalerite may be very soluble. Under most near-atmospheric conditions, sphalerite cannot alter directly to smithsonite because the aqueous system is within the stability field of sphalerite and the concentration of reduced sulphur (aqueous species) will be too high thus preventing smithsonite from forming under reasonable pCO_2 values.

Only when nearly all the sulphur aqueous species are present as sulphate ions will smithsonite be stable.

The removal of calcium, magnesium, sulphate and carbonate ions from the system produces a volume reduction. Compaction of the rock by a process of gradual flow is suggested by several lines of evidence.

a) telescoped quartz veins
b) pre-existing thin quartz veinlets broken into "potato chips"
c) flow banding illustrated by the "potato chips"

The rock is called fluxobreccia because it contains abundant fragments produced by flow.

Large discontinuous outcrops of the micritic or bituminous dolomites are partially disintegrated forming areas of soft, leached dolomite. They are brownish in colour and appear to have been leached of their dolomite cement leaving only dolomite and/or silica grains.

Showings associated with the soft leached dolomite in the southwestern part of the property surround the smithsonitic fluxobreccia and seem to have formed in a similar fashion. Because meteoric or connate waters do not normally preferentially leach the dolomite matrix, the origin is in doubt. Areas along major faults are very light in colour and resemble hydrothermal alteration.

DIAMOND DRILLING

General

Diamond drilling was done between June 18 and July 10, 2008 and was contracted to Top Rank Drilling Limited of Saint Rose du Lac, Manitoba. The work was completed with a JKS 300 diesel powered drill using BTW equipment. All drill moves were made by helicopter. A total of 775.73 m of diamond drilling was completed in 7 holes (Figure 6). Drill sections are illustrated on Figures 7 through 12. The 2008 holes tested down-dip and along strike from historical intercepts at the Main Zone. All drill sites were constructed by hand using rock and soil found nearby. Drill data for the holes is listed in Table II. A specific field operations manual was designed for handling and processing the core at the Goz project. A copy of the manual is contained in Appendix II.

Table II: Drill Hole Data

Hole	Easting	Northing	Elevation (m)	Azimuth	Angle	Depth (m)
Goz-08-56	620041	7147280	1413	062°	-60°	67.97
Goz-08-57	619977	7147264	1425	062°	-60°	90.53
Goz-08-58	619970	7147402	1413	242°	-50°	133.20
Goz-08-59	620000	7147353	1414	242°	-60°	108.81
Goz-08-60	619966	7147435	1394	242°	-45°	133.20
Goz-08-61	619871	7147395	1415	062°	-60°	124.06
Goz-08-62	619913	7147312	1433	062°	-60°	117.96

In general core was transported by helicopter from the drill sites to a logging area near the camp, where recovery was measured and geological and geotechnical logging was performed. Geologically and mineralogically favourable intervals from each hole were sawn with one-half bagged and sent for analysis and the other half returned to the core box and stored on the property.

Quality Assurance (QA) / Quality Control (QC)

QA/QC protocols were designed specifically for the Goz project and integrated into the Field Operations Manual contained within Appendix II. The author implemented and/or supervised all protocol procedures.

Key items involving QA/QC from the field included: maintaining a clean environment at the drill, geotechnical logging, geological logging and core cutting facility; preparing blank samples in a separate location from the core processing facility; implementing a blank and standard insertion schedule; obtaining suitable certified standards; and using of a chain of custody document to accompany the samples from the field to the laboratory.

Once received, digital analytical results were cross referenced for zinc, silver and lead with certified hardcopy results from both ALS Chemex and Acme Analytical labs. Analyses for blanks were then assessed for internal QC using a five times standard deviation multiple for

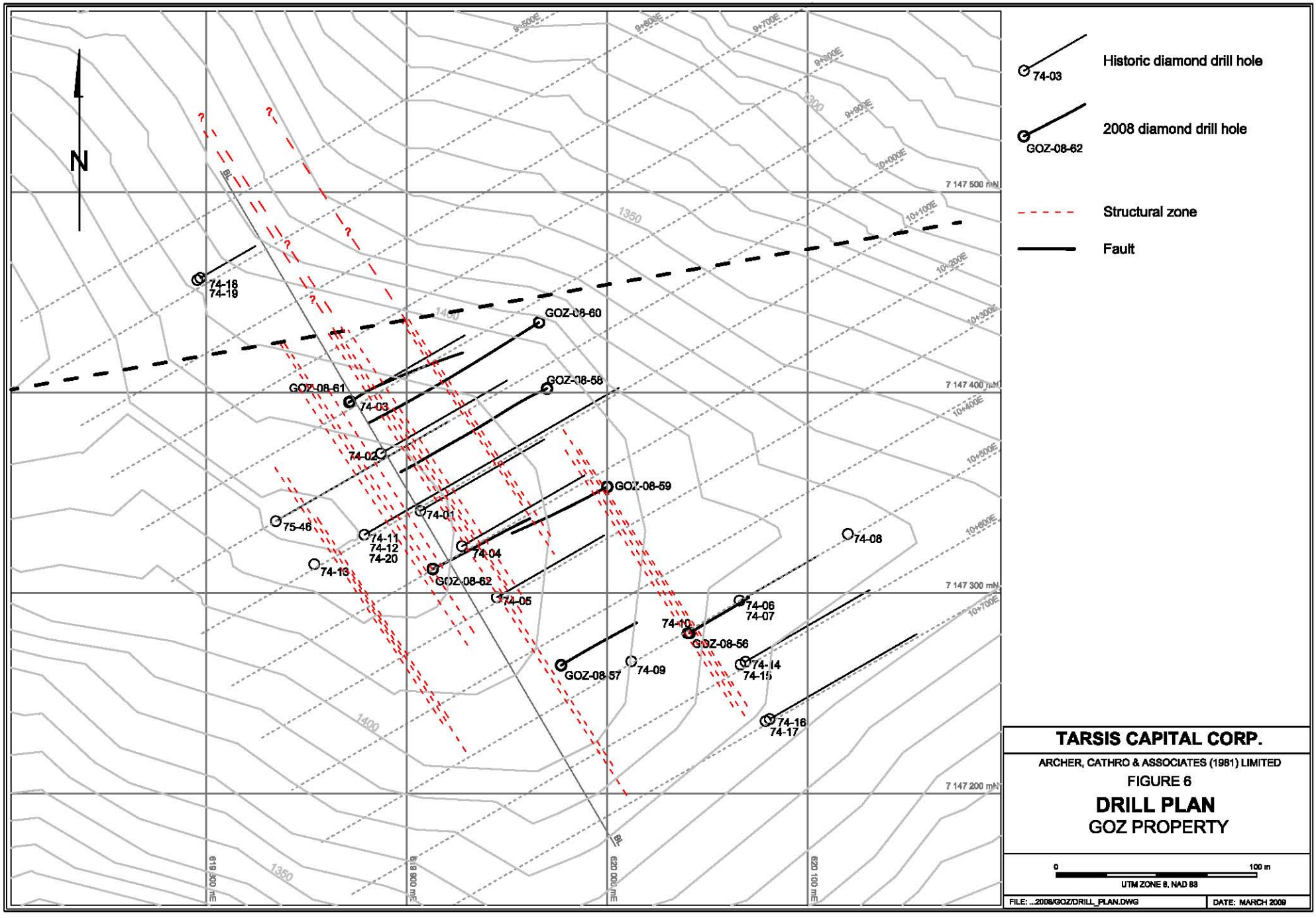

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FIGURE 6

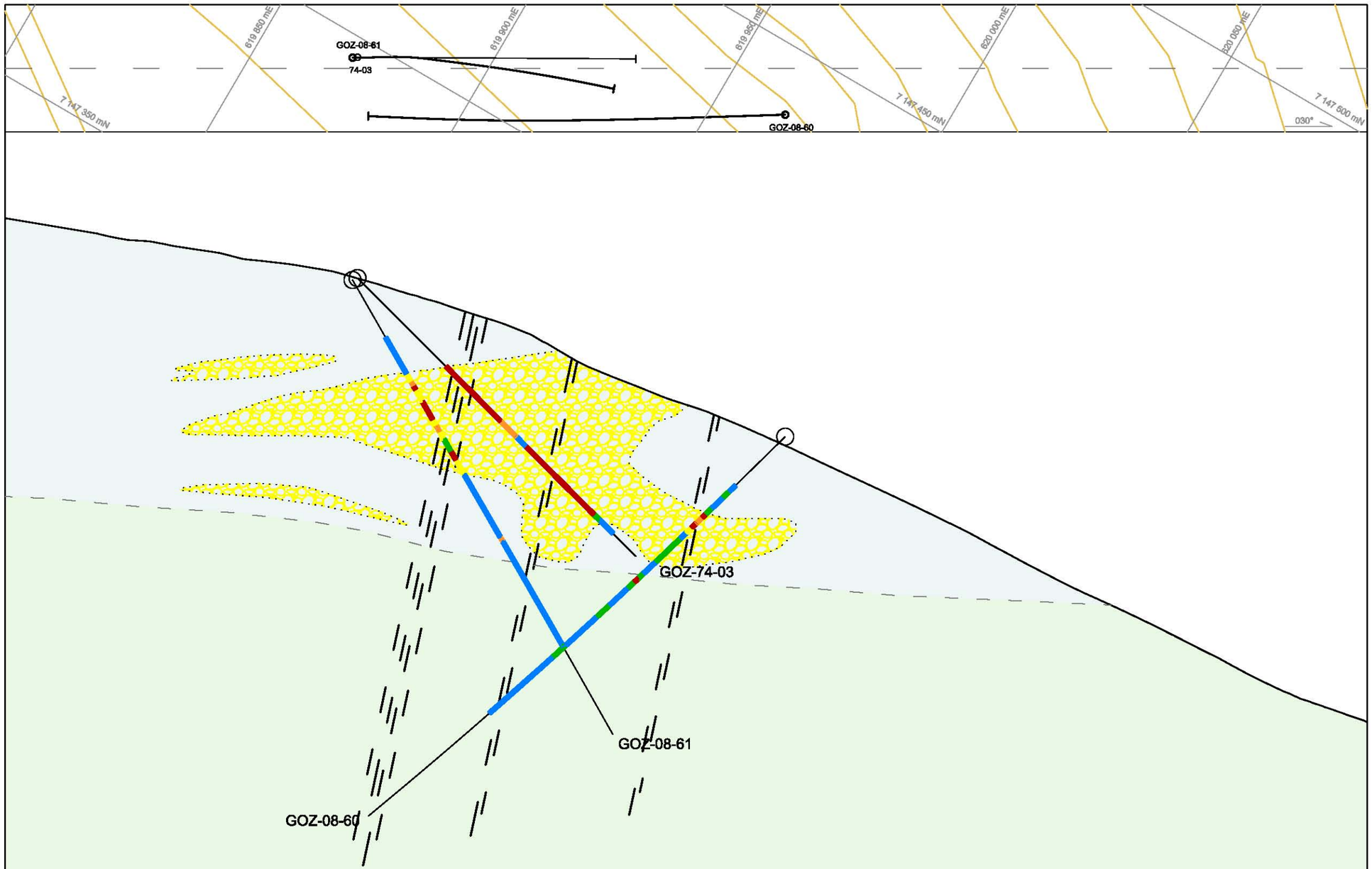
DRILL PLAN

GOZ PROPERTY

0 100 m

UTM ZONE 8, NAD 83

FILE: ...2008/GOZ/DRILL_PLAN.DWG | DATE: MARCH 2009



Zinc

- >15%
- 10 - 15%
- 5 - 10%
- 2 - 5%
- 0 - 2%

Mineralized envelope

Speckled to wispy banded dolomite

Micritic dolomite

Structural zone

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FIGURE 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

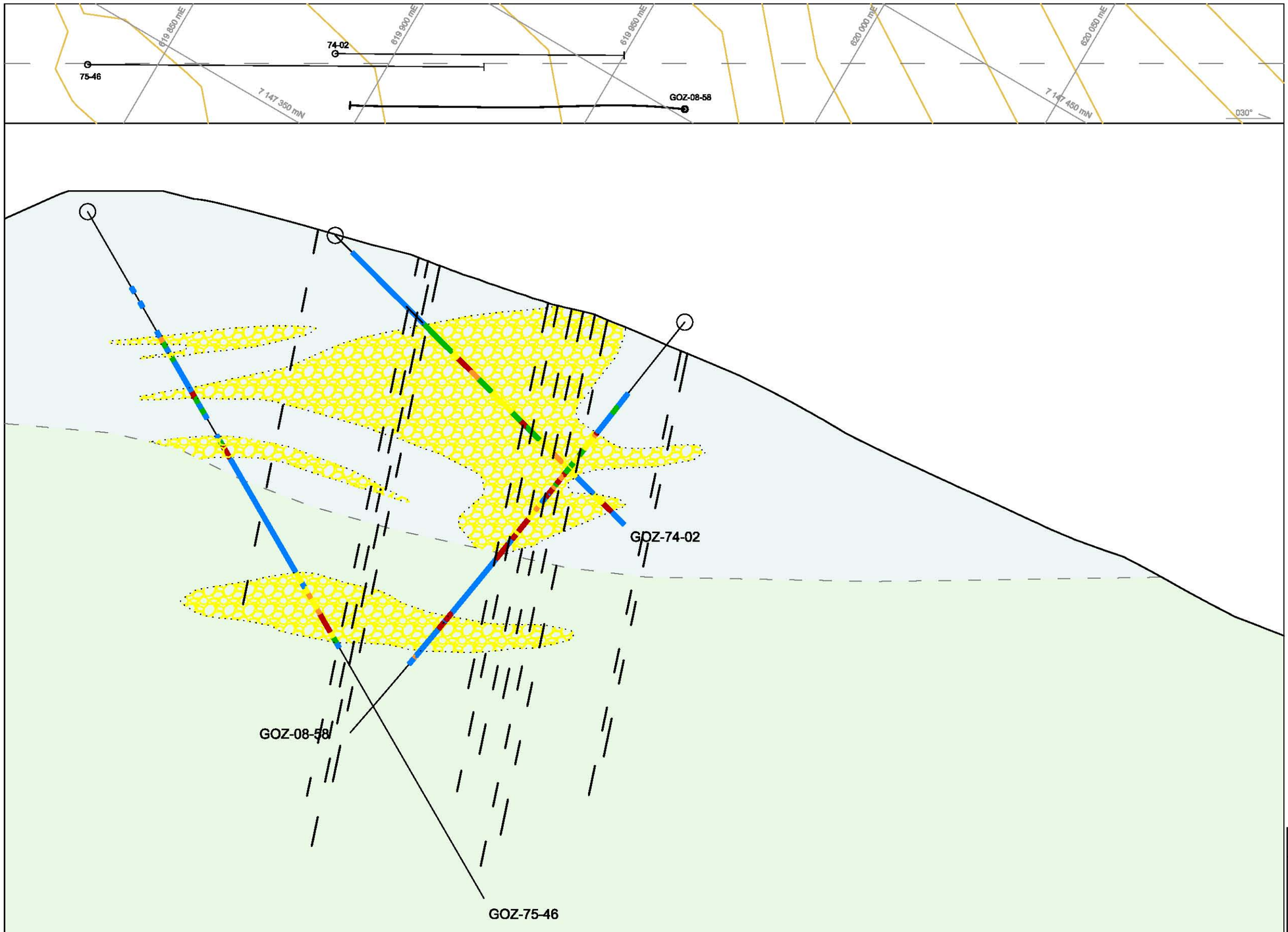
SECTION 9+900E

GOZ PROPERTY

0 50 m

FILE: ...2008/GOZ/F_7-9900E.DWG

DATE: MARCH 2009



Zinc
- >15%
- 10 - 15%
- 5 - 10%
- 2 - 5%
- 0 - 2%

Mineralized envelope

Speckled to wispy banded dolomite

Micritic dolomite

Structural zone

TARSIS CAPITAL CORP.

FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

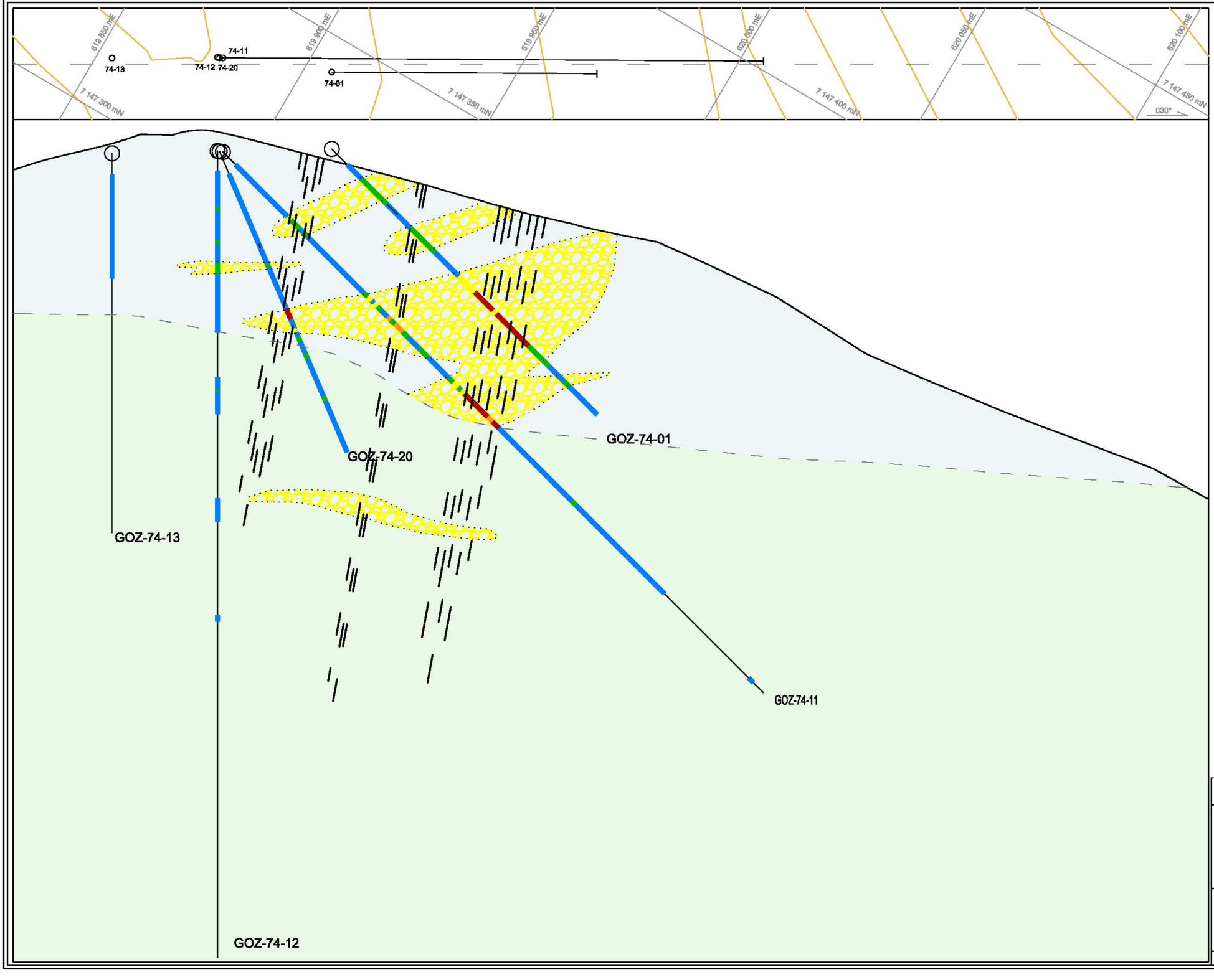
SECTION 10+000E

GOZ PROPERTY

0 50 m

FILE: ...2008/GOZ/F_8-10000E.DWG

DATE: MARCH 2009



Zinc

- >15%
- 10 - 15%
- 5 - 10%
- 2 - 5%
- 0 - 2%

- Mineralized envelope
- Speckled to wispy banded dolomite
- Micritic dolomite
- Structural zone

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FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SECTION 10+100E

GOZ PROPERTY

0 50 m

FILE: ...2008/GOZ/F_9-10000E.DWG

DATE: MARCH 2009

619 850 mE
619 900 mE
619 950 mE
620 000 mE
620 050 mE
620 100 mE
7 147 300 mN
7 147 400 mN
030°
74-04
GOZ-08-62
GOZ-08-59
GOZ-74-04
GOZ-08-62
GOZ-08-59

Zinc
>15%
10 - 15%
5 - 10%
2 - 5%
0 - 2%

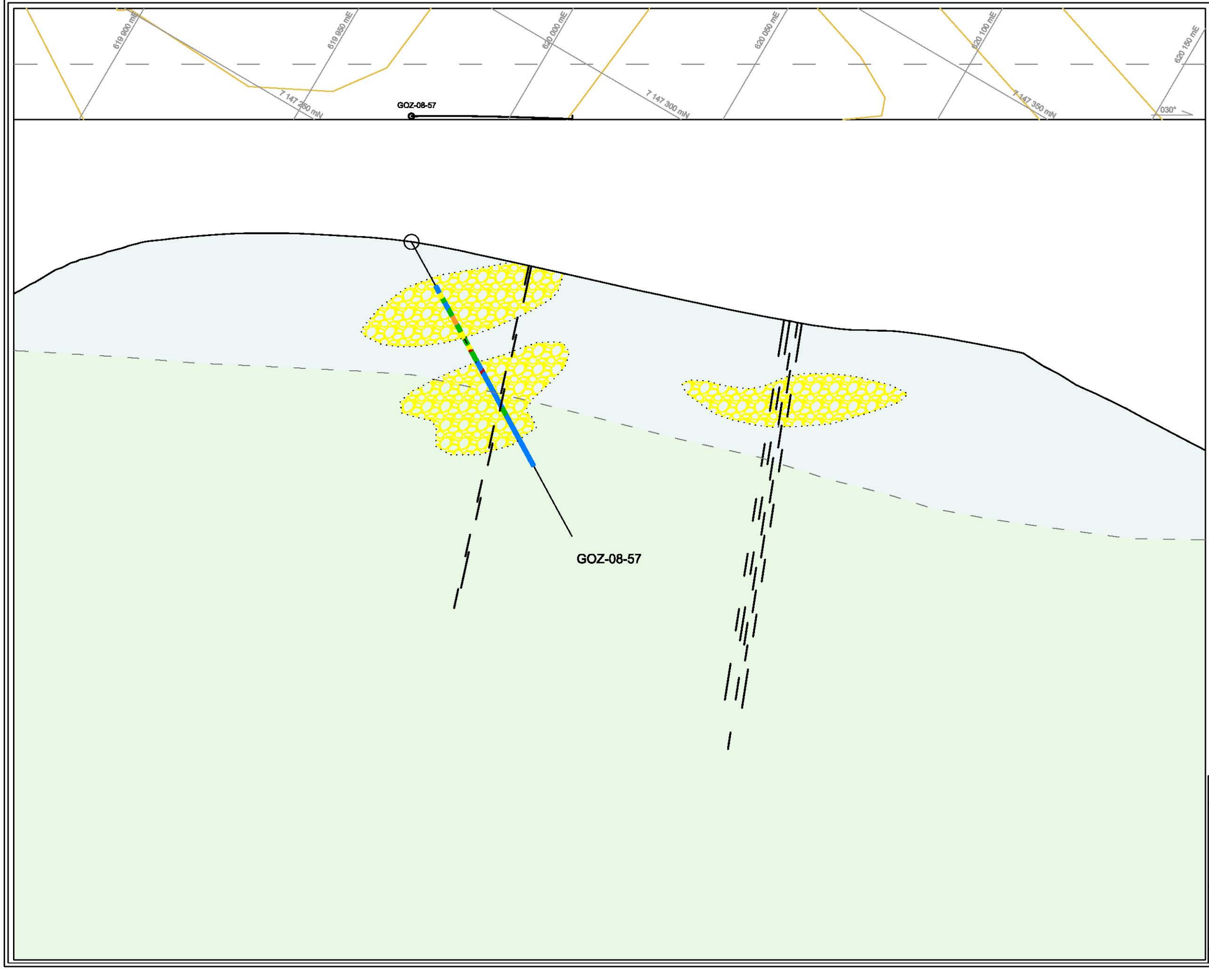
Mineralized envelope
Speckled to wispy banded dolomite
Micritic dolomite
Structural zone

TARSIS CAPITAL CORP.

FIGURE 10
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
SECTION 10+200E
GOZ PROPERTY

0 50 m

FILE: ...2008/GOZ/F_10-10200E.DWG
DATE: MARCH 2009



Zinc

- >15%
- 10 - 15%
- 5 - 10%
- 2 - 5%
- 0 - 2%

- Mineralized envelope
- Speckled to wispy banded dolomite
- Micritic dolomite
- Structural zone

TARSIS CAPITAL CORP.

FIGURE 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

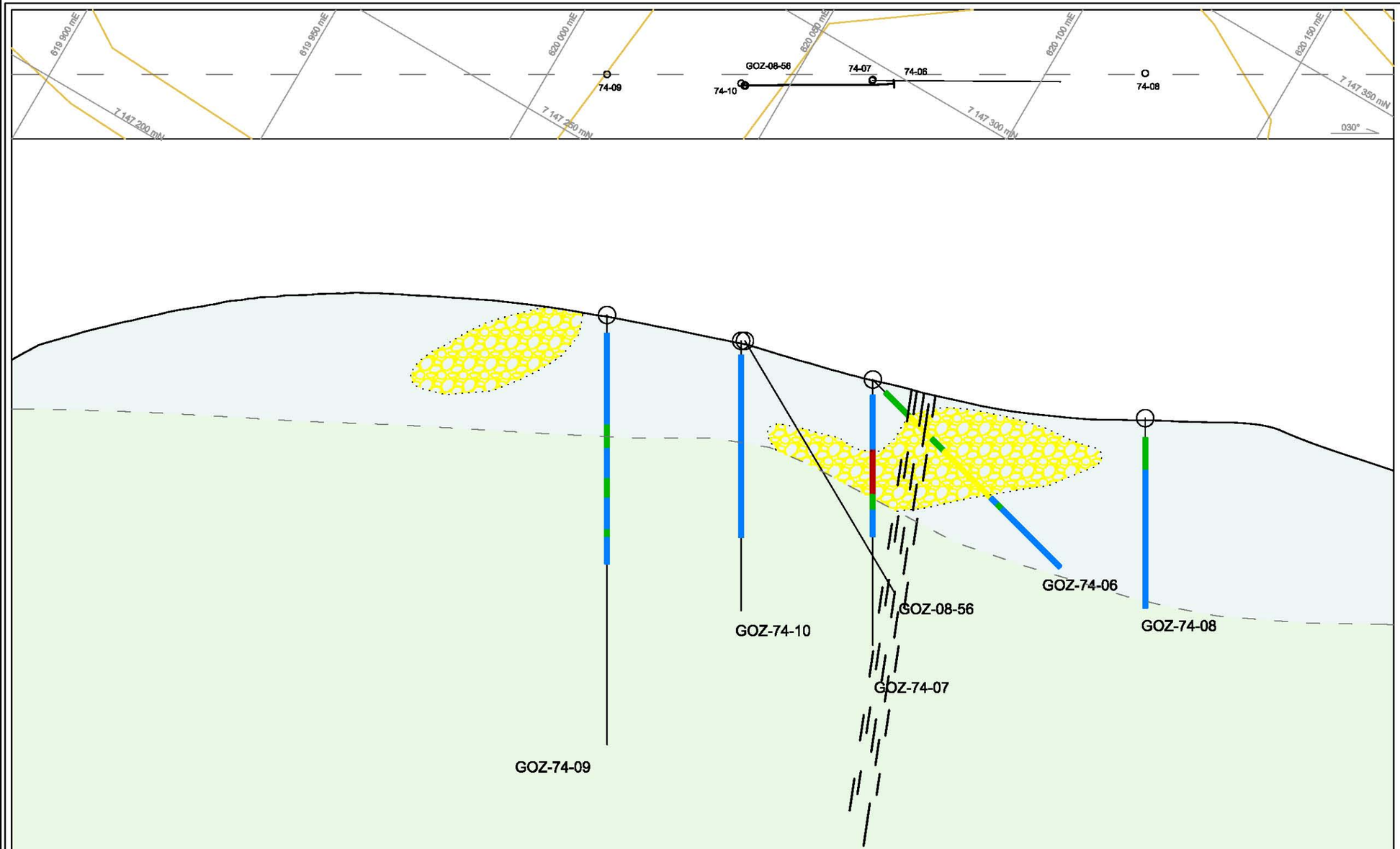
SECTION 10+400E

GOZ PROPERTY

0 50 m

FILE: ...2008/GOZ/F_11-10400E.DWG

DATE: MARCH 2009



Zinc

- >15%
- 10 - 15%
- 5 - 10%
- 2 - 5%
- 0 - 2%

Mineralized envelope

Speckled to wispy banded dolomite

Micritic dolomite

Structural zone

TARSIS CAPITAL CORP.

FIGURE 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SECTION 10+500E

GOZ PROPERTY

0 50 m

FILE: ...2008/GOZ/F_12-10500E.DWG

DATE: MARCH 2009

acceptable tolerance. Values exceeding tolerance levels were further scrutinized by location relative to potential ore zones. If a blank failure was contained within a potential ore zone or immediately above or below, the entire batch containing the blank sample was submitted for reanalysis by preparing new master pulps from the coarse reject material.

Internal standards analyses were assessed in a similar manner. Tolerances for failure were calculated for each of the Certified Standards. Accuracy tolerances were calculated using three standard deviations on either side of the mean while bias tolerances were calculated using two standard deviations for two consecutive samples on the same side of the mean. Where a standard failure was encountered, the accompanying batch was reanalysed using existing material from the master pulps. If those samples again failed, new pulps were required to be processed from the coarse reject material.

Prior to issuing reanalysis requests for standard samples, additional assessment was conducted by examining the sample series immediately proceeding the failed sample for carry over effects. Acceptable tolerance for carry over contamination from the lab used is 10% of the proceeding sample. Again, the discretion of the qualified person was exercised where standards failed especially if the failed sample occurred within a potential ore zone but was within the 10% carry over tolerance of the lab. In this case the batch was rerun from the master pulps despite the labs accepted tolerance.

All QA/QC data is contained within Appendix III.

The samples were flown by helicopter from the property to the Rackla strip then to Mayo via fixed wing aircraft where they were collected by a representative of Archer Cathro who escorted them to Whitehorse. They were then shipped to ALS Chemex in North Vancouver by commercial carrier. At the labs core and rock samples were dried and crushed to 70% minus 2 mm, before a 1.5 kg split was taken and pulverized to better than 85% minus 75 microns. Splits of the pulverized fraction were routinely dissolved in aqua regia and analyzed for 48 elements (ME-MS61) using inductively coupled plasma (ICP) together with mass spectroscopy (MS). In addition, all samples were routinely analyzed for zinc using an ore grade technique (Zn-OG62) which uses ICP together with atomic emission spectroscopy (AES). Samples exceeding 30% zinc were assayed using a titrimetric technique (Zn-CON02). Certificates of Analysis are found in Appendix IV, while Appendix V contains the geological and geotechnical logs.

Results

Diamond drilling at the main zone in 2008 was designed to test the geometry associated with the historical high-grade intercepts. Drill holes were aligned perpendicular to the 330° structural trend believed to host the high-grade mineralization and in some cases were “scissored” back toward the historical intercepts. Drilling intersected gently dipping layered stratigraphy consisting of speckled to wispy banded dolomite overlying vuggy micritic dolomite. High angle faults were encountered cutting across the stratigraphy and most structures contain Type III high-grade sphalerite bearing silica flood breccia mineralization. Where the structures cross porous hydrothermal dolomite, the surrounding rocks are also mineralized with lower grade

sphalerite±smithsonite. Most of the mineralization is confined to lenses in the overlying A1 dolomite unit.
Table III summarizes the significant intersections from the 2008 drill program and it should be noted that no samples were collected from Goz-08-56 because no mineralization was observed.

Table III: Significant Intervals

Hole	From (m)	To (m)	Interval (m)	Zinc (%)	Silver (g/t)
Goz-08-57	15.57	40.16	24.59	5.73	2.25
Incl.	22.67	40.16	17.49	6.67	2.99
Incl.	33.22	33.51	0.29	41.25	45.00
Goz-08-58	35.51	76.19	40.68	13.55	29.88
Incl.	48.28	76.19	27.91	17.19	39.67
Incl.	72.68	76.19	3.51	32.89	43.48
Goz-08-58	93.80	108.49	14.69	8.56	6.76
Incl.	93.80	98.90	5.10	21.93	14.19
Goz-08-59	68.10	78.10	10.00	1.89	0.62
Incl.	68.10	70.10	2.00	3.03	1.52
Goz-08-60	24.13	49.44	25.31	7.00	5.10
Incl.	26.13	30.88	4.75	14.00	11.45
Incl.	46.48	49.44	2.96	20.21	17.35
Incl.	48.74	49.44	0.70	62.05	45.10
Goz-08-61	25.54	53.04	27.50	12.83	10.91
Incl.	28.74	38.03	9.29	19.48	14.47
Incl.	37.01	38.03	1.02	43.20	7.06
Goz-08-62	61.11	98.78	37.67	6.98	3.06
Incl.	77.68	98.78	21.10	10.32	4.88
Incl.	96.02	96.55	0.53	32.74	15.80

As illustrated in the drill sections, most of the mineralization is confined to unit A1 in the vicinity of the Main Zone even though the structures persist through to unit A2. In general, sulphide mineralization is much more abundant than oxide mineralization. The most common sulphide present is sphalerite. It occurs mostly as coarse crystalline aggregates within silica flooded structural zones. Sphalerite grains are coarsest within the structural zones (up to 10 mm on a crystal face) and become finer grained where mineralization is developed within adjacent porous speckled dolomite. Colour varies between pale yellow, yellow-green and red. Yellow varieties are more commonly developed within the structured zones while a mix of finer grained yellow and red sphalerite are observed in the stratabound zones peripheral to the structures. Stratabound mineralization is often coincident with pervasive silification.

Other sulphides observed include fine grained cubic pyrite, thin acicular crystals of boulangerite, moderately coarse cubic galena and trace chalcopyrite. Pyrite occurs in zones of relatively pervasive silification within the dolomite which results in a distinct dark grey colouration among dominantly light coloured strata. These sulphides are often observed beyond the limits of stratabound sphalerite development. The latter sulphides mentioned are contained in narrow isolated fractures in low concentrations mostly within the structural zones.

Smithsonite and hydrozincite are usually developed near surface in close proximity to sulphide occurrences. Smithsonite occurs as a porous buff weathering, dense, cream, yellow or pink rock depending on the associated impurity (Cd-yellow, Mn-pink). Hydrozincite occurs mainly as a bleach white coating. Both minerals react positively to the application of zinc zap and were confirmed by this method in drill core.

Prospecting peripheral to the Main Zone discovered two new showings comprising coarse yellow sphalerite associated with high angle silica flooded fault breccia. The Mike Showing is located approximately 300 m southeast along strike from the Main Zone and roughly 325 m vertically below. It consists of two outcrops 1.5 m thick mineralized with semi-massive yellow sphalerite. The outcrops trend 070°, roughly perpendicular to the orientation of the structures defining the Main Zone. This showing, however, appears to be oriented parallel to local bedding planes that may be over-steepened near the valley floor, therefore the nature of the breccia is not fully understood at this particular locale.

Prospecting at a similar elevation 1.3 km west of the Mike Showing in the vicinity of four historical vertical drill holes discovered the Blythe Showing. It consists of similar mineralization to the Mike Showing but across narrower widths not exceeding 60 cm. Insitu mineralization is oriented 090°/68S. Historical drill holes did not test this target.

Density

Systematic density measurements were taken from random samples of core from each of the drill holes. Where possible, samples were collected from different lithologies and degrees of mineralization.

To determine the density, the samples were cut with the rock saw to create straight edges for more accurate measurements. Samples were then measured with a ruler and the volume was calculated using a core diameter of 4.2 cm. The density was calculated by dividing the weight in air by the volume of the core.

Each sample was then dried in a toaster oven for 12 hours before being re-weighed. The samples were then submerged in a pale of water for two hours before being weighed again and placed back in the oven. Samples were removed from the oven and weighed every half hour until the initial dry weight was reached. In general, the dry and wet weights differed by 1 to 1.5%.

Table IV shows the dry density values for each of the samples collected.

Table IV: Density Measurements

HOLE	DEPTH	LITHOLOGY	%Zn	g/t Ag	DENSITY
GOZ-08-56	17.77	SPEC	NA	NA	2.76
GOZ-08-56	40.15	MIC	NA	NA	2.72
GOZ-08-56	53.65	MIC	NA	NA	2.80
GOZ-08-56	67.27	MIC	NA	NA	2.76
GOZ-08-57	22.86	SPEC	14.15	3.69	2.72
GOZ-08-57	39.56	SPEC	15.85	14.70	3.06
GOZ-08-57	45.56	SPEC	0.40	0.04	2.70
GOZ-08-58	47.90	SPEC	2.89	5.08	2.72
GOZ-08-58	50.96	SPEC	27.40	119.00	3.13
GOZ-08-58	64.38	SPEC	16.40	22.70	2.85
GOZ-08-58	73.57	SPEC	33.82	60.70	3.19
GOZ-08-58	103.04	MIC	0.55	0.63	2.74
GOZ-08-59	65.20	SPEC	0.36	0.06	2.74
GOZ-08-59	71.68	SPEC	2.68	0.66	2.65
GOZ-08-59	75.65	MIC	2.06	0.55	2.73
GOZ-08-60	27.18	SPEC	15.20	20.30	2.66
GOZ-08-60	98.98	MIC	NA	NA	3.62
GOZ-08-61	29.12	SPEC	30.52	44.00	3.28
GOZ-08-61	37.12	SPEC	43.20	7.06	3.48
GOZ-08-61	56.70	SPEC	0.61	0.14	2.90
GOZ-08-61	73.60	SPEC	0.69	0.15	2.92
GOZ-08-62	53.70	SPEC	0.04	0.03	3.04
GOZ-08-62	82.78	SPEC	15.75	3.59	3.34
GOZ-08-62	93.80	SPEC	10.55	2.81	3.07

GEOPHYSICS

A ground gravity survey was conducted on July 10 and 11, 2008 by MWH Geo-Surveys, Inc. of Reno, Nevada. Roughly 2.3 line Km were surveyed along seven lines spaced 50 m apart across the surface trace of the Main Zone. In addition, one tie line was also run down the centre of the survey grid parallel to the mineralized zone. The results of the survey are illustrated on Figure 13 and details of the survey are contained in Appendix VII.

The results of the survey outlined a strong north trending gravity high oriented obliquely to and along the eastern edge of the drill area. The anomaly is approximately 250 m long by 100 m wide with the core part contained in a 110 m by 35 m zone near the central part of the drill.

Additional modeling of the gravity results was conducted by Condor Consulting Inc. of Colorado. Three 3 dimensional voxel models were produced using densities of 2.3 g/cc, 2.5 g/cc and 3.98 g/cc. The latter voxel model highlights one main body within the survey area near the base of diamond drilling. The body is north to northwest trending and irregularly shaped with abrupt west trending apophyses. Gravity troughs or lows occur between the apophyses and the northern trough on the west side of the main gravity anomaly coincides with the best mineralization encountered in 1974 and 2008. The southern trough has not been tested by drilling.

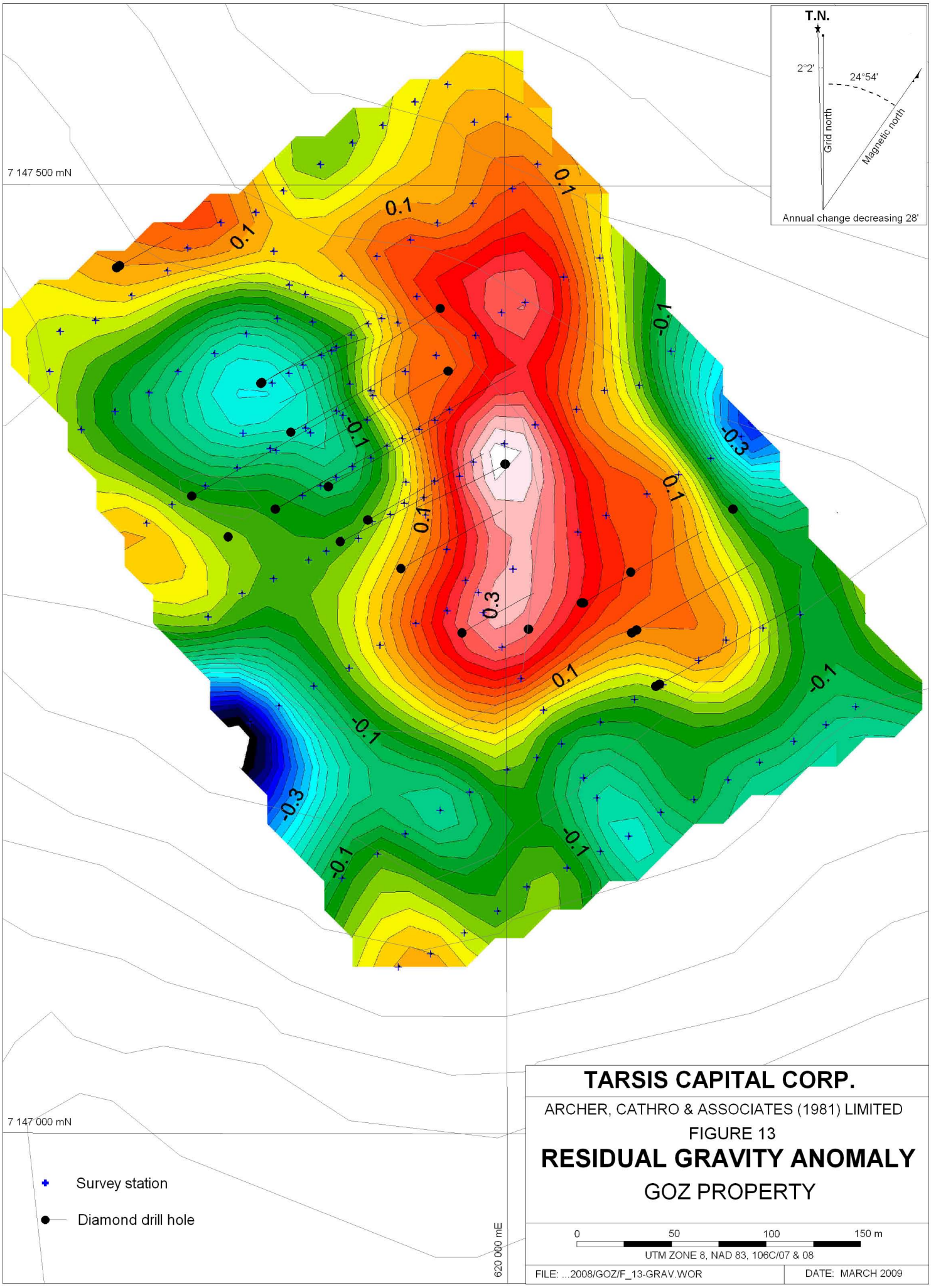


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FIGURE 13

RESIDUAL GRAVITY ANOMALY

GOZ PROPERTY

0 50 100 150 m

UTM ZONE 8, NAD 83, 106C/07 & 08

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DATE: MARCH 2009

DISCUSSION AND CONCLUSIONS

The reinterpretation of the Goz Main Zone incorporating historical and recent drill results suggests a complex network of ore shoots developed in close proximity to structural zones trending northwest and dipping moderately to steeply to the southwest. Mineralization is dominated by sphalerite>smithsonite>pyrite>>galena>>chalcopyrite that is developed within a regionally thick accumulation of dolomites that are underlain and capped by impermeable shale. The dolomite stratigraphy is divided into two units. The upper unit, A1, is described as a bituminous speckled dolomite while the underlying A2 unit comprises mostly micritic dolomite. Unit A1 hosts the mineralization at the Main Zone and all showings documented across the upland part of the claim block in proximity to the ridgelines. This unit is key for a number of reasons, the most important of which is the high volume of available pore space to accommodate sulphide deposition. This was likely a result of widespread hydrothermal dolomitization.

In most cases the highest grade zinc mineralization is restricted to the core portions of silica flooded structures where they cut "receptive" bands or facies within the favorable A1 dolomite stratigraphy. Where mineralized, the sulphides consists dominantly of coarse aggregates of iron poor yellow>red sphalerite. Finer grained red>yellow sphalerite is more commonly developed as stratabound mineralization within the favorable dolomite stratigraphy immediately adjacent to the structural zones. These sulphides occur as fracture and vug fillings plus laminations parallel to bedding.

In the vicinity of the Main Zone the favorable A1 dolomite stratigraphy is moderately to strongly silicified and occurs within the upper 70 m of the stratigraphic column. All significant mineralization likely to be considered for potential ore shoots is contained within this portion of the stratigraphic column. Irregular bands of A1 stratigraphy believed to occur intermittently within the upper portion of the less favorable underlying micritic A2 unit are sometimes weakly to moderately mineralized in proximity to the structural zones but are generally not interconnected with the ore shoots within the continuous A1 strata.

The geological interpretation of the Main Zone mineralization encountered some difficulty in several holes segregating the silica flood breccia structures from intraformational brecciation exhibiting silica overprinting especially in the absence of moderate to strong mineralization. In general, silicification is not widespread in the Canadian MVT deposits, but where present, (Goz Creek, Robb Lake and Prairie Creek) it is described as forming small discontinuous zones peripheral to or enveloping the sulphides. It has been suggested that ore related silicification of carbonate rocks near the deposits may influence the extent of metal-bearing fluid dispersion in some districts.

At the Goz Main Zone, silicification is pervasive and in many cases has obliterated the original sedimentary textures. The degree of silification in proximity to the ore zones may have significantly decreased the available pore space of the hydrothermal dolomite limiting its potential to host extensive stratabound sulphide mineralization. This assumes the later structures post-date widespread silification and are the main source of sulphide emplacement.

Sulphide textures such as intricate colloform banding are indicative of multi-pulse or multiple generational sulphide development in systems such as Pine Point. Such textures are not observed on the Goz property and suggest a narrower time frame for sulphide development resulting in potentially smaller ore shoots than those encountered at Pine Point.

Due to the structural complexity of the mineralization at the Goz Main Zone, apparent depth limitation and significant decline in metal prices, an updated NI 43-101 resource calculation was not performed. Although the Goz Main Zone is size limited and geometrically complex, the deposit style is very attractive due to the high-grade nature of the mineralization and near surface occurrences. The discovery of two new structurally hosted semi massive sphalerite showings over 300 m topographically lower than the Goz Main Zone is very encouraging as it significantly expands the vertical and lateral potential of the lithostratigraphic host. The nature of the dolomite hosting the new showings was not discerned in the field, however it may be a repetition of unit A1 at depth or a more receptive form of unit A2.

Additional exploration is warranted at the Goz project but not until commodity prices show significant strengthening amid the current global recession. Future work should focus on determining the nature of all historical showings and continued prospecting further a-field to identify new targets in the lower portions of the stratigraphic section. Further analysis of the gravity data is required to assess its effectiveness for defining drill targets. The limited density data collected from the 2008 drill core for varying concentrations of mineralization are somewhat ambiguous but may be explained in-part by the degree of silification within the ore zones. If the ground gravity data is reconcilable with respect to the mineralization and wallrock densities, this survey technique would be favorable as it is versatile in rugged terrain and is cost effective given the remote setting of the project area.

Respectfully submitted

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

William A. Wengzynowski, P.Eng.

Matthew R. Dumala, P.Eng.

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APPENDIX I

STATEMENTS OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, William A. Wengzynowski, geological engineer, with business addresses in Vancouver, British Columbia and Whitehorse, Yukon Territory and residential address at 301 Fairway Drive, North Vancouver, British Columbia, V7G 1L4 do hereby certify that:

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

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

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

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

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

William A. Wengzynowski, P. Eng.

STATEMENT OF QUALIFICATIONS

I, Matthew R. Dumala, geological engineer, 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 2002 with a B.A.Sc in Geological Engineering, Option l, mineral and fuel exploration.

2. I registered as a Professional Engineer in the Province of British Columbia on November 14, 2008 (Licence Number 32783).

3. From 2003 to present, I have been actively engaged in mineral exploration in the Yukon Territory.

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

Matthew R. Dumala, P.Eng.

APPENDIX II

FIELD OPERATIONS MANUAL

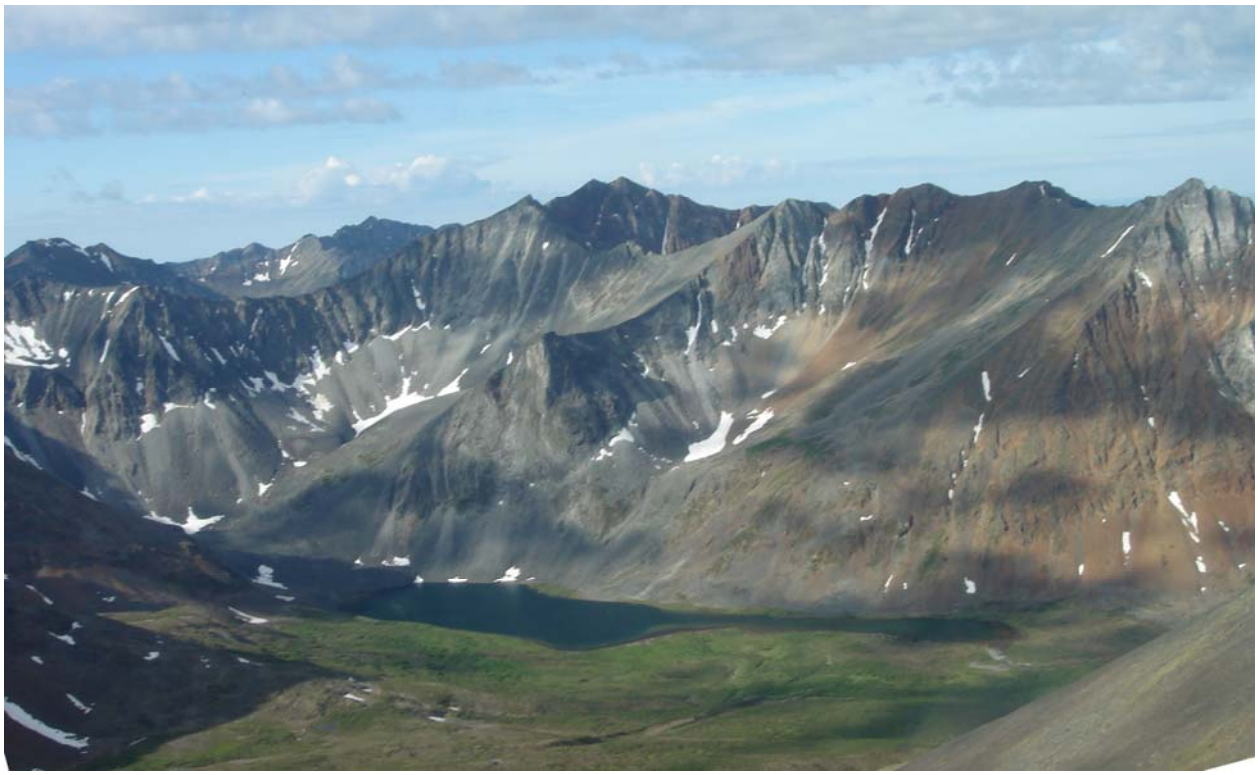
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Field Manual for Handling Core, Logging and QA/QC

TARSIS CAPITAL CORP.

Goz Zinc-Silver Project

2008



modified after R.S. Tolbert, B.Sc.

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SECURITY

The five key areas of potential, accidental, or intentional contamination of core prior to receipt at the analytical laboratory are the following:

- at the drill
- transportation from drill to core logging area
- in the logging area
- at the splitting/sampling area
- transportation to the laboratory.

At the Drill

There are six main problems that can occur during transfer of core from the core barrel to the core box. These are as follows:

1) core getting flipped 180° to its axis
2) core coming out of core barrel, over-shooting core in the box and going out of sequence
3) pieces of core (particularly when highly fractured) falling into adjacent core trays
4) core falling on the ground and not being replaced in sequence
5) flimsy core boxes breaking apart
6) diesel, grease or other petroleum products spilling onto the core

The Project Geologist must discuss these potential problems with all drillers and helpers stressing that care be taken when transferring core from the core barrel into the core box. When core boxes become filled they should have lids nailed on immediately and be stacked in order awaiting pickup.

Transportation from Drill to Core Logging Area

Drillers and helpers are responsible for adding, where necessary, thin, plastic foam sheets to prevent shifting core, aligning and securely nailing lids on the boxes, wiring them where needed. The person responsible for transporting the core boxes, via helicopter or truck, must be informed by the Project Geologist, that core boxes are kept horizontal and not 'banged' around, as core may shift, or boxes may break. In the case of helicopter transport, drillers and helpers should be reminded of proper sling placement on stacked boxes.

In the Logging Area

Field assistants and geologists will be instructed by the Project Geologist how to handle the core boxes in such a way so that the core does not shift or fall into other trays or boxes.

At the Sawing/Splitting Area

At Goz, where the core will be sawn, the key issues are that the correct assay intervals are placed in the correct bags. A trained, responsible person will saw and bag the samples under regular supervision of a geologist. The box of core being sawn will be at least 30 cm away from the side of the saw to avoid fragments of sawn core from falling into the box. The core will be sawn along a marked centre line. The hatched side of the core will be placed in the appropriate sample bag, while the other, non-marked side will be replaced in sequence in the core box. To avoid over-cutting a sample, core will be cut from the end (marked by the sample tag) to the beginning of the sample (usually the end of the previous sample). After an interval is cut, the sample bag will be closed with batch specific flagging tape.

Transportation to the Laboratory

A 'Sample Shipping Record' form is to be filled out with batch number, bag numbers, sample numbers, and zap strap numbers. As well, a 'Chain of Custody' form will be included in the shipped samples, in a plastic bag placed in the last rice bag of the batch. The form will request the lab to notify the operator if any numbered zap-straps are missing or if the bags show evidence of tampering. This will be faxed by the lab to the Whitehorse office and sent to the Project Geologist to review and act if necessary.

Any serious discrepancy between the assays and what has been observed in core will be investigated. Ultimately, if the discrepancy cannot be resolved additional split core from the anomalous interval will be sent for re-analysis. Further, the remaining half core will be stored on site in an organized manner, in the event any third party reviewers wish to verify the validity of the analyses.

DRILL COLLAR ALIGNMENT, DRILLING, AND CLEAN-UP

When the geologist on duty marks the drill hole prior to drilling, a picket should be placed with the hole number, azimuth and dip written in black permanent marker. Three pickets marked 'Fore Site' are to be placed in line with the chosen azimuth in front of the drill collar, while three pickets marked 'Back Site' are placed in line behind the collar. These pickets will aid in drill alignment. Final drill alignment will be supervised by a geologist to ensure correct azimuth and dip.

While drilling is underway, contact between the drillers and the project geologist is of the utmost importance. Problems with drilling should be reported immediately to the project geologist and a solution should be found by the two parties. Supplies needed for drilling such as core boxes, lids, salt, cement etc. should be monitored and re-ordered well in advance. When a drill hole is nearing the expected depth of completion the project geologist should be in frequent contact with the drill to prevent over drilling.

When a drill hole is completed the drillers are to cement an old rod into the hole, marking the hole location. The top of the rod should be at the exact position the casing was during drilling. The top of this rod should have two small holes drilled 10 cm apart to which an embossed metal plate detailing drill hole number, azimuth, dip and final depth will be placed. Finally the drill site should be cleaned, removing all garbage and filling in drainage sump holes, leaving the site looking as untouched as possible.

DOWN HOLE SURVEYING

Down hole surveying is to be completed by the drilling team, using the Icefield MI-3, multi-shot, survey tool. After drilling is completed, all but 30 feet of drill rod is left in the hole. The tool is assembled and lowered down the hole. Once at bottom, it will hang 29 feet past the end of the drill rod. At this location, a reading is taken by the operator on surface using a handheld computer synchronized with the tool. After the reading is complete, 50 feet of rod is removed and another reading is taken. This is repeated until all the rods have been removed from the hole.

GEOTECHNICAL: ROLE AND RESPONSIBILITIES

The geologists will be working with the geotechnical crew responsible for core processing within the core shack. The following is a list of procedures to be completed at the start of each day.

- Ensure the core logging area is clear and instruments needed for the day are on hand before the core comes down from the drill.

- The core shack must be ready to receive core from the helicopter after each drill shift change. When core arrives it must be immediately brought into the core shack, making room at the landing pad for future deliveries. Ensure all individuals moving the core are wearing gloves, for safety. Most importantly, take your time when moving the core – dropping boxes can be very costly.

- Lids are to be removed from the core boxes and then stacked neatly in a designated place after the nails have been removed.

- The boxes should be organized in order from top down in columns of three on the logging tables.

Prepping Core Boxes

- Once the core is brought in, wash down the core with sprayers and brushes. The core and boxes should be free of mud, lubricant, and debris. Compact each row of core by fitting the pieces together like a puzzle and pushing them towards the left side of the box (Figure 1a). Notify the geologist on duty if you think a piece of core has been flipped 180 degrees or has been misplaced by the drillers.

- Staple an aluminum tag to the front of each box with the hole number, box number and depth of core within the box (Figure 1b). Mark the top of each box using a black felt pen with the following labels: start metreage, end metreage, hole number and box number (Figure 1a). Drill footage markers must be neatly and accurately converted into meters using a metric conversion calculator or conversion chart. Boxes should also be marked with labels representing each metre of the core. It is imperative that the core be properly organized and pushed against the left side of the box before doing this, otherwise further inaccuracies may occur when measuring the core. A wood chisel or leatherman can be used to scrape off dirty or wet wood before writing these labels.

Figure 1a: Top view of a core box showing the correct layout and markings. The box is clearly labeled with the title, box number, start, end, and whole meter markings. These, along with the run-blocks, are easy to read.

Figure 1b: Frontal view of the box with a clearly labeled aluminum tag reading the hole name, box number, and depth of core within the box.

Geotechnical Log

Geotechnical logging is to be carried out by the geological technicians under the supervision of a geologist. Begin by converting the interval blocks then carry out procedures below to complete the log.

Drill-Run Recovery

Recovery is the measure/amount of material between the blocks. From the beginning of box 1 to the first run-block marks the first interval. After that, each interval between two run-blocks should be approximately 3 m. It is common to record values as low as 1.0 m for a 3 m interval. Should the measurement be greater than the indicated interval length, record the value, but inform the supervising geologist, as this could be a driller error. In most cases, this value will be changed to 100%. In rare instances, with the supervisor's authorization, the run block may be moved.

RQD (Rock Quality Designator)
RQD is an index in which structural rock density can be obtained. Within each interval, every piece of core greater than 10 cm in length should be measured and added up to calculate the RQD.

$$RQD = 100 \times (\text{total length of core} \geq 10 \text{ cm} \div \text{total length of interval})$$

For example: if there are 4 pieces of core in a 46 cm section that measure 4 cm, 9 cm, 14 cm, and 19 cm, the total RQD length for that given section = 33 cm. The 4 cm and 9 cm pieces are not counted because they are less than 10 cm long.

$$RQD = 100 \times (33 \div 46) = 71.7$$

It is possible that short pieces are the result of the drillers breaking the core to fit it into the boxes, rather than a natural fracture in the rock. If this is the case, combine the pieces and if they are greater than 10 cm, add up as though they are one piece. Distinguishing between natural and driller breaks may seem difficult at first, but after time it becomes easy to recognize the difference.

Weathering
Follow the guide attached and instructions of the Project Geologist.

Joints
Include:
- -Frequency
- -Shape
- -Attitude
- -Roughness
- -Infilling

Follow the attached sheet and instructions of the Project Geologist.

Photographing core

This duty should be completed before the crew starts the hardness test so the resulting fractures do not show a bias in the photo. The core boxes are to be photographed in consecutive columns of three. It is important that each photo is taken under the same lighting conditions, at equal distance, perpendicular to the core. Wet the core down with water to highlight details in the rock, and turn off the camera's flash to minimize glare. The goal is to maximize consistency between photos. This process may need to be repeated several times in order to gain satisfactory results.

GEOLOGICAL: ROLE AND RESPONSIBILITIES

The previous section covers the preparatory and geotechnical work carried out by geological technicians under the supervision of a geologist. This section covers core logging forms, core preparation for sampling, and assaying procedures.

Drill Logs

Seven logs require supervision and completion by geologists before a hole is complete. Specific description and procedures for these logs are as follows:

Summary Log

This must be completely filled out as soon as the data becomes available. It provides information for future as well as current drill holes at Goz.

Geology Log

This log is used for the complete geological description of the rock. It is broken into five key sections:

-*Unit*: is the simple abbreviation given for each lithology. These abbreviations will be determined at the start of the field season, but may be added to as required.

-*Description*: is used to describe colour, textures, grain size, and any other features that give the reader a clear description of the rock. In a mixed lithology, percentage of each rock type is useful as well as the relationship between both minerals and lithologies. Detailed photos should be taken of characteristic features of the rock.

-*Alteration Log*: is used to describe features of alteration in the rock. It is important to designate the interval over which the alteration occurs. Also give detailed relationships between alteration and non-alteration minerals.

-*Structure Log*: is used to describe structural features of the rock such as compositional banding, mineralized and non-mineralized veins, fractures, folds, and contacts. It is important to note the interval over which the structure occurs. Structural measurements taken relative to the core axis (CA) are recorded in the column labeled CA. When features such as veins cut the compositional banding also called the reference fabric element (RFE), an angle relative to the RFE can be taken. This will allow the orientation of structural features to be calculated relative to the assigned RFE. Use the following procedure to measure the angle to RFE:

-find the lowest point of the vein relative to the core axis
-follow that position up and make a small mark on the top of the core
-do the same thing for the lowest part of the RFE
-on the top of the core, measure the angle from the RFE to the vein in a clockwise direction.
-the value determined, between 0-359 deg, can be filled out in the RFE column.

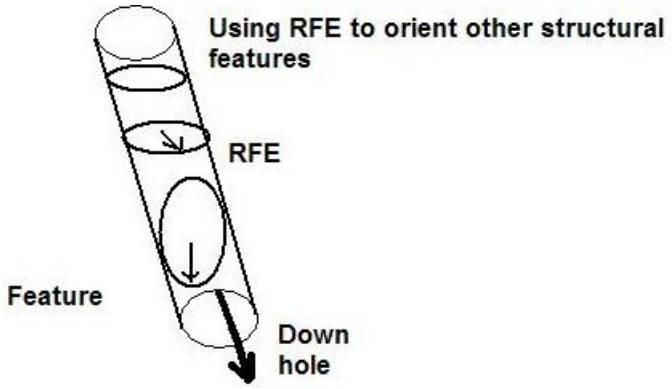


Figure 2: Diagram showing the calculation of angle from RFE. Assuming both 'RFE' and 'Feature' are pointing towards you, the angle from RFE is about 20 degrees.

-*Mineralization Log:* is used to define zones of mineralization within a particular lithology. These zones typically vary based on changes in mineralogy, percentage, texture, grain size. Mineralized veins and their attributes should also be described in this section of the geology log. Vein density, which is the sum thickness of multiple veins (cm) / the total thickness of the occupied rock (m), should be calculated where possible and represented within the log. Structural measurements of the veins should be noted in the same fashion as described in the structure log for non-mineralized veins. Finally, percentages of pyrrhotite, chalcopyrite, arsenopyrite and scheelite should be documented in the labeled columns.

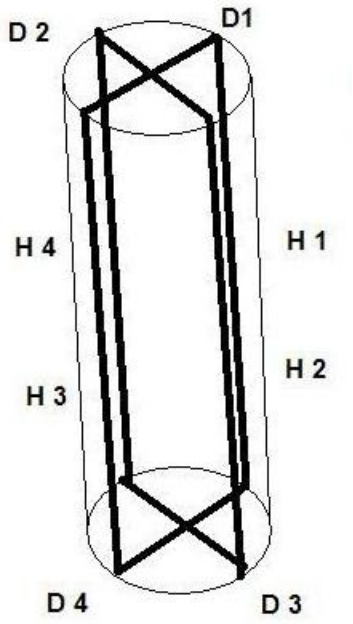
Geotechnical Log
This log is where all the geotechnical data is recorded. The geotechnical results should be regularly monitored for accuracy.

Downhole Survey Log
This will be filled out using the results compiled by the drillers. Take special note of magnetic azimuths, which are to be corrected to UTM azimuth, and inclination, which must be recorded as a negative value. Any unusual results should be discussed with the Project Geologist.

Density Log
The objective of the density sampling program is to obtain sufficient measurements of each lithology (mineralized and non-mineralized) within the area of interest that may host a resource. For the mineralized intervals density needs to be determined for different grades. These values will be used to calculate tonnages for each lithology.

For each lithology and grade, at least 30 samples need to be collected for statistical purposes. One to two samples of each lithology marked with drill hole ID, depth, and a small arrow pointing down-hole should be cut to a length of 28.0cm. Each sample should be cleaned and dried in an oven to remove all moisture.

For each sample the diameter and height must be measured to the nearest millimeter, and recorded. The diameter, unless there is unusual wear from the drill bit, should not vary much. The length, if cut carefully, should also not vary by much.



Diameter (D) = (D1+D2+D3+D4) ÷ 4

Radius (R) = D ÷ 2

Height (H) = (H1+H2+H3+H4) ÷ 4

Volume = π x R² x H

Prior to weighing the samples, the scale should be zeroed with standard weights. If there are any discrepancies with the standard weights the session needs to be repeated once the scale is corrected. From the mass weighed and volume measured, dry density can be calculated as follows:

Mass of core (g) ÷ Volume of core (cc) = Density (g/cc) [equivalent to tonnes/cubic metre]

Thin/Polished Section/Specimen Log
Any samples permanently removed from the core boxes should be filled out on this form.

Standard Assay Sampling Procedures

The geologist on duty will mark the assay intervals on the core and the geotechnical crew will staple the assay tags to the side of the box to indicate the end of the interval. Of the three tags in the assay-tag book (Figure 3), the only the first must be filled out with project, drill hole, from and to meterages. This book must be kept for reference. The second tag is stapled to the core box at the end of the interval, and the third tag goes directly between two sample bags, facing out, so it is easily read.

Figure 3: Typical assay book. The left ticket is filled out and saved, the middle ticket is stapled to the box, and the right ticket is sent with the sample.

Samples are grouped into batches contains 36 samples each. These are made up based on sample number, not necessarily corresponding to a specific drill hole.

The Standard, Blank, and Duplicate Insertion Schedule

This schedule indicates when each controlled standard, blank or duplicate should be inserted into the assay sequence. The standard number (SE2 – HZ2) used should be noted on this sheet, along with the from and to meterage for each sample. It is very important that standard, blank, or duplicate is not indicated on the assay tag or sample bag shipped to the lab! The sampling schedule can be modified slightly within each batch if required, but changes should be discussed between all geologists.

Standards

SE2 and HZ2, packaged within small brown envelopes filled with 100 g of -200 mesh, processed rock with a standardized mineral content. These standards are inserted approximately every 20th sample of a batch, as indicated by the lab. If the lab results for the standard differ from the pre-determined value, then lab results can be deemed inconsistent. There will be two standards per 36-sample batch. When a standard is required choose one from the table below and place it into a sample bag. It is important that standards are stored, away from sources of contamination, and only those needed for the day are sealed in sample bags.

Table 2: Values of standards.

Standard	Ag g/t	Zn %	Pb %	Au g/t	Cu %
SE2	354	1.34	0.957	0.242	0.049
HZ2	61.1	7.20	1.62	0.124	1.36

Duplicates

Duplicates, inserted one per batch, are half of the sample that precedes it. They indicate the homogeneity of mineralization in the zone sampled. When a duplicate appears in the sampling sequence look back to the last sample cut. Half the core was sent as a regular sample. The remaining piece should be cut in half again (now quartered core) bagged as

usual, leaving the remaining quarter core in the box. The duplicate will always be cut from the sample that precedes its number in the sampling sequence.

Blanks

Blanks, composed of a relatively consistent, unaltered substance such as granite, pure quartz, or marble are inserted every twice per batch. It tests the lab, during the crushing and pulverizing stage of sample preparation, for trace residues left behind from previous samples. When preparing blanks, their weight should be equal to the average weight of the other samples. For Goz, blanks should be made up in 1.5 kg samples. If there is an unusually high mineralization interval, a blank sample should be placed immediately after it in sampling sequence. The blank material must be stored in an area from away from all possible contamination with mineralized rock, core or metallic particulate. When bagging the blank samples, it is important that all tools used for the transfer are clean.

Core Saw Preparation and Procedures

Once the geological and geotechnical logs are complete, the sampling team, supervised by geologists, may begin sawing the core. There is no need to rush this process; this job needs to be done well.

Core Preparation for Sawing

A geologist will mark the cutting-line on the core. The line should be drawn so that when cut, each half of the core is representative of the mineralization and alteration within. Mark the left half of the core with dashes pointing to the END of the box. This will aid the core sawyer in determining the correct orientation when handling each piece (Figure 4). Additionally, a line is marked at perpendicular to core axis to mark the start and end of sampling intervals.

Figure 4: This photo shows a cut-line perfectly bisecting the veins. Notice the dashed yellow lines pointing to the end (left) of the box, this will aid the core-splitters when cutting and orienting the core.

Sample Preparation and Bagging Procedures

Six steps are required during the bagging of samples.

- Sample bags should be doubled up with the sample tag placed between the two bags facing outwards.

- The outside sample bag should be labeled clearly with the sample number on the bottom quarter of the bag.

- After cutting a section of a sample, double check the sample being placed into the bag matches the tag within the bag.

- Place each peace of core in the bag so that it rests horizontally within the bag. If a piece is too long to fit within the bag, or if it has a sharp edge, break the core in half with a hammer. This will prevent punctures of the sample bag. If a puncture is to occur, the sample must be re-bagged.

- When cutting of the sample is complete, neatly tuck the inner bag within the outer bag. Twist the outer bag and firmly secure the batch specific flagging tape.

- Finally weigh the sample and record the results on the Assay Log.

Core-Saw Operation

- Before using the saw, make sure the area is clean and free of debris. Hose down the table and all dirty surfaces including the saw itself. Avoid getting water into the motor or electrical areas of the machine. Pay special attention to the moveable cutting guide and the rock debris that falls into the tray.

- Check that there is sufficient water available for cutting. Never operate the saw with out water; dry-cuts will damage the saw.

- Always wear the proper safety equipment. Rubber gloves, eye-protection, ear protection and respirator. If you do not have the proper equipment, do not operate the saw.

- Respect the equipment! At the end of the work period, hose down the core-saw area leaving the saw and surrounding area clean and ready to use for the next operator.

- If a blade becomes dull, use the abrasive wheel or aluminum oxide block as directed by the supplier.

Sawing the core

A maximum of four core boxes can be lined up next to the core saw at a time. Keep a 30 cm gap between the core and the saw to avoid contamination. The Core Sawyer must saw the samples from the bottom (where the appropriate sample tag is stapled to the box) to the top of the sample. This prevents accidental over sampling. Break long pieces of core down to a more workable length of 15 cm. Saw the core along the marked line placing the dashed pieces into the sample bag while the other half goes back into the box flat side up. It is very important that the core goes back into the box at the same orientation as how it left not backwards. Before the sampled core boxes are moved to permanent storage, brush and hose off the core surfaces.

SHIPPING

The rice bags should be marked with the FROM: address on one side, and the TO: address on the other with the following:

FRONT OF BAG:

Goz
Qt# _____
Batch # __
From: Archer, Cathro
Tel: 604-688-2568
ML00__ - ML00__
__ Samples
Bag _ of _

BACK OF BAG:

To: ALS Chemex Labs
Unit 150
2155 Dollarton Hwy
North Vancouver, BC
V7H-3B2
Tel: 604-983-9668

No more than 35 lb of samples are to be placed in each rice bag. Tie bags closed with metal ties, and secure with locking numbered zap straps. Tie bags with the appropriate batch-specific flagging tape. Before shipping, the Chain of Custody and Lab Submittal forms must be filled out. The Chain of Custody form will be filled out with the appropriate sample, bag, and zap strap numbers. The assay submittal forms must also be completed in the same manner. An extra rice bag should be made to cover the last bag of the batch. Between these two bags, tuck a large plastic sample bag with the completed forms. And tied closed with a bow with both the batch specific flagging tape, and a last-bag specific flagging tape. This will allow the expeditor quick retrieval of all forms.
The expeditor in Whitehorse will check the bags vs. the Chain of Custody form and sign them, or note any discrepancies. For each problematic rice bag, a note and photograph is required, and the project manager should be informed of the problem.

QA/QC

Statistical analysis of the standards and blanks will be carried out to determine if a batch is acceptable or requires reanalysis. There are two blanks, two standards and one field duplicate inserted into each batch by Archer, Cathro. Pass/fail protocols were established with Barry Smee Ph.D., geochemist for analytical batches.

Once lab analyses have been validated statistically, final assay certificates must be checked and cleared for accuracy by Bill Wengzynowski P.Eng., the Qualified Person at Goz. At this point the assays will be entered to the database and become available for dissemination.

APPENDIX III

QA/QC DATA

Certified Grades and Pass/Fail Criteria

Standard CDN-SE-2

Certified Grades *Zn - %*	
1.505	3 SD
1.45	2 SD
1.395	1 SD
1.34	**0.055**
1.285	1 SD
1.23	2 SD
1.175	3 SD

Certified Grades *Pb - %*	
1.023	3 SD
1.001	2 SD
0.979	1 SD
0.957	**0.022**
0.935	1 SD
0.913	2 SD
0.891	3 SD

Certified Grades *Ag - g/t*	
385.5	3 SD
375	2 SD
364.5	1 SD
354	**10.5**
343.5	1 SD
333	2 SD
322.5	3 SD

Failure in Accuracy				
Zn %	3X	>1.505	or	<1.175
Pb %	3X	>1.023	or	<0.891
Ag g/t	3X	>385.5	or	<322.5
Failure in Bias				
Zn %	2X	>1.45	or	<1.23
Pb %	2X	>1.001	or	<0.913
Ag g/t	2X	>375	or	<333

Standard CDN-HZ-2

Certified Grades *Zn - %*	
7.725	3 SD
7.55	2 SD
7.375	1 SD
7.2	**0.175**
7.025	1 SD
6.85	2 SD
6.675	3 SD

Certified Grades *Pb - %*	
1.785	3 SD
1.73	2 SD
1.675	1 SD
1.62	**0.055**
1.565	1 SD
1.51	2 SD
1.455	3 SD

Certified Grades *Ag - g/t*	
67.25	3 SD
65.2	2 SD
63.15	1 SD
61.1	**2.05**
59.05	1 SD
57.00	2 SD
54.95	3 SD

Failure in Accuracy				
Zn %	3X	>7.725	or	<6.675
Pb %	3X	>1.785	or	<1.455
Ag g/t	3X	>67.25	or	<54.95
Failure in Bias				
Zn %	2X	>7.55	or	<6.85
Pb %	2X	>1.73	or	<1.51
Ag g/t	2X	>65.20	or	<57.00

Blanks

ME-ICP61 Analysis		***MEAN***	**5X AVERAGE NEAR DETECTION**	**Failed**
Mean	Zn ppm	<20 ppm	100 ppm	>100
	Ag ppm	<1 ppm	5 ppm	>5
	Pb ppm	<20 ppm	100 ppm	>100

Type	**Sample #**		**Zn %**	**Pb ppm**	**Ag ppm**	% CO	***Pass***	***Fail***
BLANK	G005014		0.146	1.9	0.09	0.35	Preceding sample 41.25 % Zn	
BLANK	G005030		0.0097	8.5	0.21		Sample Flipped and now passes	
BLANK	G005126		0.047	6.6	0.04	0.51	Preceding sample 9.17 % Zn	
BLANK	G005138		0.02	1.6	0.03	0.32	Preceding sample 62% Zn	
BLANK	G005161		0.0029	1.4	0.02			
BLANK	G005172		0.0107	3.6	0.07			
BLANK	G005185		0.08	4.1	0.08	0.56	Preceding sample 14.2% Zn	
BLANK	G005191		0.09	11.1	0.09	0.47	Preceding sample 19.2% Zn	
BLANK	G005246		0.04	3.2	0.15	0.18		
BLANK	G005252		0.2	2.1	0.17	1.88		
BLANK	G005257		0.02	1.9	0.02	0.36		

Standard CDN-SE-2

Certified Grades *Zn - %*	
1.505	3 SD
1.45	2 SD
1.395	1 SD
1.34	**0.055**
1.285	1 SD
1.23	2 SD
1.175	3 SD

Certified Grades *Pb - %*	
1.023	3 SD
1.001	2 SD
0.979	1 SD
0.957	**0.022**
0.935	1 SD
0.913	2 SD
0.891	3 SD

Certified Grades *Ag - g/t*	
385.5	3 SD
375	2 SD
364.5	1 SD
354	**10.5**
343.5	1 SD
333	2 SD
322.5	3 SD

Failure in Accuracy				
Zn %	3X	>1.505	or	<1.175
Pb %	3X	>1.023	or	<0.891
Ag g/t	3X	>385.5	or	<322.5
Failure in Bias				
Zn %	2X	>1.45	or	<1.23
Pb %	2X	>1.001	or	<0.913
Ag g/t	2X	>375	or	<333

Accuracy

Sample #	Zn %	Pb ppm	Ag g/t
G005006	1.27	8640	362
G005027	1.35	8430	357
G005058	1.36	8780	355
G005079	1.52	8350	375
G005113	1.29	8410	361
G005127	1.3	8190	347
G005146	1.34	8460	353
G005193	1.3	8290	360
G005214	1.31	8140	359
G005240	1.3	8400	357

Pass	*Fail*

Bias

Sample #	Zn %	Pb ppm	Ag g/t
G005006	1.27	8640	362
G005027	1.35	8430	357
G005058	1.36	8780	355
G005079	1.52	8350	375
G005113	1.29	8410	361
G005127	1.3	8190	347
G005146	1.34	8460	353
G005193	1.3	8290	360
G005214	1.31	8140	359
G005240	1.3	8400	357

Standard CDN-HZ-2

Certified Grades *Zn - %*	
7.725	3 SD
7.55	2 SD
7.375	1 SD
7.2	**0.175**
7.025	1 SD
6.85	2 SD
6.675	3 SD

Certified Grades *Pb - %*	
1.785	3 SD
1.73	2 SD
1.675	1 SD
1.62	**0.055**
1.565	1 SD
1.51	2 SD
1.455	3 SD

Certified Grades *Ag - g/t*	
67.25	3 SD
65.2	2 SD
63.15	1 SD
61.1	**2.05**
59.05	1 SD
57.00	2 SD
54.95	3 SD

Failure in Accuracy				
Zn %	3X	>7.725	or	<6.675
Pb %	3X	>1.785	or	<1.455
Ag g/t	3X	>67.25	or	<54.95
Failure in Bias				
Zn %	2X	>7.55	or	<6.85
Pb %	2X	>1.73	or	<1.51
Ag g/t	2X	>65.20	or	<57.00

Accuracy

Sample	Zn%	Pb%	Ag g/t
G005039	7.28	1.62	61.7
G005169	6.93	1.59	62.6
G005224	7.37	1.5	59.1
G005261	7.24	1.6	60.6

Pass	*Fail*

Bias

Sample	Zn%	Pb%	Ag g/t
G005039	7.28	1.62	61.7
G005169	6.93	1.59	62.6
G005224	7.37	1.5	59.1
G005261	7.24	1.6	60.6

	Sample	Sample Preparation Type	VA08091370 WEI-21 Recvd Wt. kg	VA08091370 ME-MS61 Zn ppm		VA08091370 Zn-OG62 Zn %		VA08091370 Zn-CON02 Zn %		VA08134948 Zn-CON01 Zn %	VA08091370 ME-MS61 Ag ppm		VA08091370 ME-MS61 Al %		VA08091370 ME-MS61 As ppm	
			Original	Original	Reject	Original	Reject	Original	Reject	Reject	Original	Reject	Original	Reject	Original	Reject
1	G005001	Drill Core	3.18	>10000	>10000	1.38	1.43	*	*	1.43	0.44	0.49	0.08	0.12	16	21
2	G005002	Drill Core	2.46	>10000	>10000	5.45	5.18	*	*	5.44	1.18	1.27	0.05	0.06	26	31
3	G005003	Drill Core	2.46	>10000	>10000	2.58	2.78	*	*	2.83	0.27	0.32	0.06	0.07	17	24
4	G005004	Drill Core	3.36	>10000	>10000	1.82	1.88	*	*	1.84	0.13	0.13	0.08	0.09	11	13
5	G005005	Drill Core	3.2	>10000	>10000	4.04	4.36	*	*	4.44	0.21	0.25	0.05	0.05	14	<5
6	G005006	Pulp	0.14	>10000	NSS	1.27	NSS	*	*	NSS	>100	NSS	5.67	NSS	4450	NSS
7	G005007	Drill Core	4.08	>10000	>10000	14.15	13.65	*	*	14.74	3.69	3.14	0.06	0.06	44	39
8	G005008	Drill Core	4.22	>10000	>10000	4.19	4.37	*	*	4.46	0.89	0.94	0.05	0.06	20	15
9	G005009	Drill Core	3.8	>10000	>10000	5.5	5.37	*	*	5.67	1.98	1.59	0.04	0.06	24	36
10	G005010	Drill Core	3.54	>10000	>10000	4.02	4.02	*	*	4.2	0.59	0.63	0.05	0.06	18	25
11	G005011	Drill Core	1.46	>10000	>10000	4.49	4.57	*	*	4.68	1.42	1.53	0.05	0.06	31	38
12	G005012	Drill Core	3.26	>10000	>10000	6.2	6.16	*	*	6.36	1.91	1.88	0.05	0.06	22	36
13	G005013	Drill Core	0.68	>10000	>10000	>30.0	>30.0	41.25	*	>15.00	45	51.4	0.04	0.04	98	199.5
14	G005014	Drill Core	1.54	1460	1390	0.15	5.51	*	*	0.12	0.09	0.12	0.04	0.06	5	10
15	G005015	Drill Core	1.98	>10000	>10000	3.78	3.55	*	*	3.74	1.81	1.45	0.04	0.05	22	24
16	G005016	Drill Core	3.76	>10000	>10000	4.78	4.75	*	*	4.94	2.64	2.44	0.05	0.06	24	26
17	G005017	Drill Core	3.44	9610	9270	1.1	1.04	*	*	0.99	0.15	0.05	0.06	0.1	5	17
18	G005018	Drill Core	1.6	8550	9850	0.93	1.06	*	*	1	0.39	0.47	0.03	0.04	<5	14
19	G005019	Drill Core	1.46	>10000	>10000	15.85	14.45	*	*	14.67	14.7	14.3	0.04	0.08	40	49
20	G005020	Drill Core	3.66	9190	9840	1.03	1.12	*	*	1.03	0.68	0.7	0.08	0.1	11	16
21	G005021	Drill Core	3.64	7350	9490	0.85	0.95	*	*	0.99	0.28	0.44	0.22	0.24	10	23
22	G005022	Drill Core	3.68	4060	3970	0.42	0.39	*	*	0.37	0.04	0.06	0.07	0.09	<5	17
23	G005023	Drill Core	3.54	2440	2830	0.26	0.28	*	*	0.27	0.07	0.1	0.05	0.06	11	17
24	G005024	Drill Core	3.08	9500	>10000	1.06	1.19	*	*	1.17	0.31	0.37	0.04	0.05	16	24
25	G005025	Drill Core	2.16	976	1170	0.09	0.12	*	*	0.11	0.06	0.06	0.04	0.05	14	27
26	G005026	Drill Core	3.72	>10000	>10000	4.44	4.47	*	*	4.7	1.26	1.31	0.08	0.09	53	55
27	G005027	Pulp	0.14	>10000	NSS	1.35	NSS	*	*	NSS	>100	NSS	5.61	NSS	4350	NSS
28	G005028	Drill Core	3.26	6410	6560	0.69	0.69	*	*	0.67	0.4	0.2	0.06	0.07	23	21
29	G005029	Drill Core	3.58	7440	7930	0.88	0.82	*	*	0.82	0.21	0.15	0.04	0.06	15	23
30	G005030	Drill Core	1.56	97	149	0.01	0.02	*	*	0.01	0.05	0.01	0.05	0.05	<5	8
31	G005031	Drill Core	3.6	457	594	0.04	0.05	*	*	0.05	0.05	0.04	0.03	0.04	<5	18
32	G005032	Drill Core	3.72	7170	8340	0.78	0.86	*	*	0.83	0.11	0.13	0.04	0.06	11	19
33	G005033	Drill Core	3.62	1895	2260	0.19	0.22	*	*	0.21	0.09	0.1	0.04	0.06	18	19
34	G005034	Drill Core	2.86	4850	5290	0.56	0.53	*	*	0.52	0.12	0.12	0.06	0.07	25	32
35	G005035	Drill Core	3.38	409	427	0.04	0.05	*	*	0.04	2.71	0.05	0.05	0.07	8	16
36	G005036	Drill Core	3.44	1305	1370	0.13	0.13	*	*	0.13	0.06	0.05	0.04	0.05	11	20

VA08091370 ME-MS61 Ba ppm		VA08091370 ME-MS61 Be ppm		VA08091370 ME-MS61 Bi ppm		VA08091370 ME-MS61 Ca %		VA08091370 ME-MS61 Cd ppm		VA08091370 ME-MS61 Ce ppm		VA08091370 ME-MS61 Co ppm		VA08091370 ME-MS61 Cr ppm		VA08091370 ME-MS61 Cs ppm		VA08091370 ME-MS61 Cu ppm	
Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject
10	20	0.06	0.13	0.02	0.06	19.1	18.1	108	107	2.79	3.18	1.2	1.3	2	2	0.05	0.1	28.1	30.4
10	10	<0.05	0.06	0.06	0.04	15.35	15.7	167	173	1.99	2.07	1	1	1	1	<0.05	0.14	93.1	97.6
10	10	<0.05	0.06	0.01	0.04	16.4	17.35	136	157.5	2.3	2.66	1.1	1.2	1	3	<0.05	0.05	29.7	36.6
40	50	0.09	<0.05	0.03	0.03	17.35	17.5	270	289	4.72	5.55	1.1	1.2	2	3	0.05	0.07	12.3	11.8
30	30	0.06	0.08	0.05	0.03	16.7	16.9	204	217	2.25	2.49	1.1	1.1	1	1	<0.05	<0.05	14.9	17.7
270	NSS	0.76	NSS	0.16	NSS	2.29	NSS	134	NSS	29.4	NSS	14	NSS	46	NSS	4.37	NSS	465	NSS
140	120	0.15	0.09	0.09	0.03	12.5	13.05	758	831	2.73	2.69	1.3	1.2	1	4	0.05	0.05	184	213
20	20	0.1	0.16	0.02	0.04	17.2	17.8	236	254	2.92	2.98	2	1.9	1	2	<0.05	<0.05	29.1	32.8
30	30	<0.05	0.07	0.04	0.11	16.85	18.1	165.5	165	2.48	2.71	2.2	2.6	1	1	<0.05	0.05	48.6	74.7
40	40	0.1	0.08	0.01	0.02	16.7	17.35	235	249	2.43	2.33	1.4	1.7	1	<1	<0.05	0.05	15	33.5
30	40	0.09	0.1	0.03	0.01	16.6	17.5	255	284	2.34	2.33	1.8	1.9	1	<1	<0.05	0.06	23.2	47.3
20	20	0.18	0.06	0.92	0.07	15.4	16.3	181.5	192.5	1.83	1.81	2.2	2.3	3	1	0.06	0.09	39.6	66.9
<10	10	<0.05	<0.05	2.63	0.02	1.84	1.65	>1000	>1000	3.86	0.24	3.1	2.4	5	<1	<0.05	0.24	692	826
10	10	<0.05	0.07	0.06	0.02	19.8	21.4	5.68	4.86	1.15	1.09	1	1.1	<1	3	0.1	0.32	5.3	4.6
20	20	0.06	0.11	0.04	0.01	17.05	18.45	95.8	87.8	1.95	1.72	1.4	1.5	1	<1	<0.05	0.06	42	52.3
30	30	0.13	0.1	0.04	0.01	17.45	18.85	100.5	102.5	2.44	2.37	1.3	1.4	1	1	0.08	<0.05	62.6	72.2
30	40	0.09	0.11	0.02	0.01	19.25	20.1	6.7	3.25	3.52	3.39	0.8	0.9	2	<1	0.06	0.06	3.5	6.4
20	20	0.1	0.1	0.01	0.02	19	20.6	9.86	11.15	2.11	2.16	0.8	1	1	1	<0.05	<0.05	7.1	14.2
20	30	0.28	0.05	0.03	0.22	13.1	14.8	440	446	1.85	2.31	0.7	2.4	2	5	0.09	0.12	227	262
30	30	0.08	0.07	0.01	0.01	17.65	19.95	22.8	21.2	3.58	3.36	1.1	1.2	2	<1	0.07	0.07	16.3	21.3
40	50	0.11	0.12	0.03	0.01	16.9	19.35	14.4	19.65	5.7	5.85	1.6	1.8	3	1	0.19	0.18	9.5	16.4
20	20	0.08	0.12	0.02	0.01	18.5	20.4	0.93	1.32	3.09	3.02	0.9	1.1	3	1	0.07	0.06	2.4	4.5
20	20	0.09	0.11	0.03	0.03	17.45	19.85	2.35	3.17	2.57	2.53	0.9	1.1	1	1	<0.05	<0.05	3.3	5.2
20	30	0.1	0.1	0.01	0.01	18.35	18.95	20	21.4	2.37	2.26	0.9	1.1	1	2	<0.05	<0.05	12.5	20.3
20	20	0.09	0.09	0.01	0.01	18.3	19.25	0.91	1.06	2.15	1.97	1	1.2	1	<1	<0.05	<0.05	2.4	3.4
110	120	0.13	0.07	0.41	0.01	14.6	15.05	80.7	83.1	2.37	2.19	1.8	1.9	2	1	0.06	0.05	56.1	76.9
300	NSS	1.02	NSS	0.16	NSS	2.29	NSS	134	NSS	29.8	NSS	14.6	NSS	46	NSS	4.49	NSS	458	NSS
20	30	0.1	0.08	0.04	0.03	17.95	20.9	13.45	12	2.68	2.46	1.1	1.3	2	2	<0.05	0.05	9.8	14.5
20	20	0.09	0.06	0.04	0.07	16.75	19.25	14.9	14.25	2.31	2.17	1.1	1.2	3	2	<0.05	<0.05	10.5	14
10	10	0.06	0.06	0.04	0.02	20.1	21.7	0.21	0.32	1.24	1.11	1	1.1	1	1	0.11	0.1	2.1	1.9
10	10	0.12	0.13	0.05	0.02	19.05	21.8	0.33	0.59	2.06	1.93	0.7	0.9	2	<1	<0.05	<0.05	1.8	2
10	10	0.08	0.09	0.02	0.01	16.7	19.65	13.65	13.95	1.87	1.7	0.8	0.9	1	1	<0.05	<0.05	9.2	14.4
10	10	0.06	0.08	0.03	0.01	17.95	20.1	2.84	3.3	1.97	1.94	1.2	1.4	1	2	<0.05	<0.05	3.8	5.3
20	20	0.08	0.06	0.02	0.01	17.2	18.2	11.9	11.05	2.34	2.21	1.9	2	2	2	0.05	0.05	6.4	9.2
20	20	0.1	0.11	0.02	0.02	17.6	19.2	0.07	0.16	2.35	2.21	0.6	0.8	2	2	0.06	0.06	3.9	2.3
10	10	0.08	0.1	0.01	0.01	17.5	19.85	2.48	2.26	2.02	1.88	0.8	1	3	3	<0.05	<0.05	2.4	3.4

VA08091370 ME-MS61 Fe %		VA08091370 ME-MS61 Ga ppm		VA08091370 ME-MS61 Ge ppm		VA08091370 ME-MS61 Hf ppm		VA08091370 ME-MS61 In ppm		VA08091370 ME-MS61 K %		VA08091370 ME-MS61 La ppm		VA08091370 ME-MS61 Li ppm		VA08091370 ME-MS61 Mg %		VA08091370 ME-MS61 Mn ppm	
Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject
1.17	1.23	1.5	1.55	0.06	0.1	<0.1	0.1	0.009	0.009	0.03	0.03	1.7	1.9	3.1	3.4	11.35	11.65	848	881
1.36	1.39	7.16	7.45	0.1	0.08	<0.1	<0.1	0.085	0.093	0.01	0.01	1.2	1.2	5	5.5	9	9.67	649	690
1.17	1.33	3.48	4.21	0.07	0.07	<0.1	<0.1	0.043	0.054	0.01	0.01	1.4	1.6	6.6	7.5	9.74	10.6	665	736
0.93	0.96	1.53	1.53	0.07	0.06	<0.1	0.1	0.013	0.012	0.03	0.03	2.7	3.1	4.5	4.8	10.3	11.15	638	678
0.75	0.78	1.52	1.56	0.06	0.07	<0.1	<0.1	0.018	0.017	0.01	0.01	1.4	1.5	3	3.6	10	10.6	608	647
7.85	NSS	14.2	NSS	0.19	NSS	1.1	NSS	0.348	NSS	1.65	NSS	13.9	NSS	17.1	NSS	0.81	NSS	1320	NSS
1.26	1.29	8.41	9.68	0.2	0.07	<0.1	<0.1	0.087	0.102	0.02	0.01	1.5	1.5	3.2	3.5	7.3	7.7	596	633
0.95	0.99	1.42	1.56	0.06	0.06	<0.1	<0.1	0.016	0.018	0.02	0.01	1.8	1.9	2.7	3.1	10.35	10.95	558	590
1.14	1.24	5.06	5.09	0.15	0.06	<0.1	<0.1	0.063	0.07	0.01	0.02	1.4	1.6	3.3	3.6	10.25	10.95	587	654
1.06	1.12	1.27	1.4	0.06	0.06	<0.1	<0.1	0.013	0.019	0.01	0.01	1.4	1.3	3.9	4.2	10.05	10.4	660	724
1.33	1.41	1.53	1.62	0.05	0.06	<0.1	<0.1	0.024	0.023	0.01	0.01	1.4	1.4	3.7	4.1	9.99	10.5	683	741
1.18	1.25	3.38	3.39	0.21	0.06	<0.1	<0.1	0.043	0.049	0.01	0.01	1.1	1.1	5.9	5.3	9.34	9.84	553	609
2.28	2.67	21.3	18	3.47	35.2	<0.1	<0.1	0.426	0.469	0.01	0.01	<0.5	<0.5	11.2	8.5	0.98	0.87	81	65
0.43	0.47	0.35	0.32	0.14	0.05	<0.1	<0.1	0.009	<0.005	0.02	0.02	0.6	0.5	1	0.9	12.3	13.4	209	236
1.08	1.14	1.6	1.43	0.06	0.07	<0.1	<0.1	0.023	0.018	0.01	0.01	1.1	1	2.3	3.5	10.4	11.2	568	653
1	1.07	2.46	2.22	0.12	0.08	<0.1	<0.1	0.034	0.039	0.02	0.01	1.5	1.5	3.6	2.6	10.75	11.45	647	738
0.63	0.63	0.43	0.43	0.09	0.05	0.1	0.1	<0.005	<0.005	0.02	0.02	2.1	2	2.6	2.5	11.9	12.35	564	604
0.7	0.76	0.37	0.39	0.07	0.05	<0.1	<0.1	0.006	0.006	0.01	0.01	1.3	1.3	2.3	2.5	11.75	12.6	590	671
0.87	0.99	8.94	7.69	3.19	2.44	<0.1	<0.1	0.176	0.182	0.01	0.02	1.1	1.4	3.6	3.4	7.91	8.68	585	672
0.96	1.02	1.19	1.23	0.05	0.05	<0.1	0.1	0.019	0.017	0.03	0.03	1.9	1.9	3.2	3.3	11.4	12.1	767	867
1.09	1.2	1.09	1.23	0.05	0.05	0.1	0.2	0.009	0.01	0.09	0.09	3.1	3.3	5.2	5.6	10.8	11.8	772	902
0.78	0.86	0.32	0.36	0.07	0.05	0.1	0.1	<0.005	<0.005	0.03	0.03	1.8	1.8	2.9	3.1	11.25	12.4	733	849
0.99	1.09	0.25	0.37	0.06	0.05	<0.1	<0.1	<0.005	<0.005	0.02	0.02	1.5	1.5	2.3	2.6	11.2	12.2	878	1035
1.12	1.13	0.86	0.97	0.05	0.06	<0.1	<0.1	0.013	0.015	0.01	0.01	1.4	1.3	2.2	2.4	11.1	11.45	855	922
0.93	0.99	0.23	0.28	0.06	<0.05	<0.1	<0.1	<0.005	<0.005	0.02	0.01	1.2	1.2	2.5	2.7	11.55	12.25	733	822
2.12	2.13	4.04	3.81	0.13	0.08	<0.1	<0.1	0.117	0.094	0.02	0.02	1	1.1	6.9	7.7	8.58	8.79	908	995
7.71	NSS	15.05	NSS	0.19	NSS	1.2	NSS	0.368	NSS	1.62	NSS	13.9	NSS	23.2	NSS	0.82	NSS	1300	NSS
1.03	1.05	0.87	0.81	<0.05	<0.05	<0.1	<0.1	0.019	0.017	0.02	0.02	1.4	1.3	4.4	4.3	11.55	12.65	621	699
1.06	1.14	1.27	1.16	0.05	0.06	<0.1	<0.1	0.03	0.026	0.01	0.01	1.4	1.3	3	3.3	10.75	11.6	747	865
0.41	0.45	0.29	0.21	0.16	<0.05	<0.1	<0.1	<0.005	<0.005	0.02	0.02	0.6	0.5	0.9	1	12.35	13.5	180	211
0.62	0.7	0.18	0.22	0.1	<0.05	<0.1	<0.1	<0.005	<0.005	0.01	0.01	1.2	1.2	2.4	2.9	11.85	13.45	561	674
0.72	0.81	1.14	1.11	0.07	0.06	<0.1	<0.1	0.013	0.013	0.01	0.01	1.1	1	3.1	3.6	10.8	11.85	624	715
1.13	1.25	0.29	0.34	0.05	0.05	<0.1	<0.1	<0.005	<0.005	0.01	0.02	1.1	1.1	2.8	3.7	10.9	12.1	716	836
1.07	1.1	0.57	0.59	0.05	0.05	<0.1	<0.1	0.007	0.006	0.02	0.02	1.4	1.3	3.2	3.9	10.55	10.95	667	727
0.51	0.53	0.26	0.3	0.09	0.05	<0.1	<0.1	<0.005	<0.005	0.02	0.02	1.5	1.4	2.2	2.9	10.95	11.55	557	618
0.89	0.94	0.25	0.31	0.08	0.05	<0.1	<0.1	<0.005	<0.005	0.01	0.01	1.2	1.1	1.8	2.3	11.2	11.95	794	894

VA08091370 ME-MS61 Mo ppm		VA08091370 ME-MS61 Na %		VA08091370 ME-MS61 Nb ppm		VA08091370 ME-MS61 Ni ppm		VA08091370 ME-MS61 P ppm		VA08091370 ME-MS61 Pb ppm		VA08091370 ME-MS61 Rb ppm		VA08091370 ME-MS61 Re ppm		VA08091370 ME-MS61 S %		VA08091370 ME-MS61 Sb ppm	
Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject
0.32	0.12	0.01	0.02	0.1	0.2	2.3	2.4	60	70	8.4	10.2	0.8	1.1	<0.002	<0.002	0.69	0.74	8.65	8.84
0.21	0.09	0.01	0.01	0.1	0.1	2.3	1.9	50	60	22.4	23.6	0.4	0.3	<0.002	<0.002	2.9	3.06	29.1	29.4
0.16	0.08	0.01	0.01	0.1	0.1	2.2	2.1	60	70	15.1	18.1	0.5	0.5	<0.002	<0.002	1.73	2.1	6.09	6.55
0.2	0.13	0.01	0.01	0.2	0.2	2	1.8	100	90	13	14.6	0.9	0.9	<0.002	<0.002	0.67	0.71	4.28	3.94
0.16	0.08	0.01	0.01	0.1	0.1	2.3	1.5	50	50	6.1	7	0.4	0.4	<0.002	<0.002	0.72	0.76	3.26	3.29
7.14	NSS	1.16	NSS	5.4	NSS	28.5	NSS	500	NSS	8640	NSS	117.5	NSS	0.012	NSS	6.06	NSS	111.5	NSS
0.39	0.18	0.01	<0.01	0.1	0.1	1.2	1.6	60	60	53.3	37	1.5	0.4	0.003	<0.002	2.96	3.33	26.2	30
0.12	0.1	0.01	0.01	0.1	0.1	1.9	2.6	50	50	17.1	15.9	0.6	0.5	<0.002	<0.002	1.26	1.35	5.61	6.21
0.17	0.11	0.01	0.01	0.1	0.1	3.5	6.7	60	80	29	20.1	0.8	0.5	0.006	<0.002	3.03	3.26	6.72	7.34
0.09	0.05	0.01	0.01	0.1	0.1	1.2	2.7	50	80	14.1	14.1	0.4	0.4	<0.002	<0.002	1.15	1.25	2.4	2.57
0.13	0.11	0.01	0.01	0.1	0.1	1.4	3	50	70	19.3	20	0.4	0.4	<0.002	<0.002	1.78	1.96	4.66	5.17
0.14	0.15	0.01	<0.01	0.1	0.1	2.4	3	30	60	27.1	21.8	0.5	0.4	<0.002	<0.002	2.84	3.11	7.13	7.61
<0.05	0.16	0.02	<0.01	0.1	0.1	9.6	4.7	20	20	71.3	80.2	0.6	0.3	<0.002	<0.002	>10.0	>10.0	167.5	176
0.09	0.06	<0.01	<0.01	0.2	0.2	2	3.9	160	210	1.9	1.9	0.8	0.8	0.004	<0.002	0.08	0.09	0.41	0.43
0.09	0.07	0.01	0.01	0.1	0.1	1.8	2.5	40	40	11.9	11.2	0.3	0.3	<0.002	<0.002	2.06	2.02	8.11	6.74
0.14	0.1	0.01	0.01	0.1	0.1	2.4	2.3	50	70	12.5	8.9	0.7	0.5	0.002	<0.002	2	2.15	12.85	13.25
0.08	0.05	0.01	0.01	0.2	0.2	0.3	1.1	60	70	4.5	2.5	0.8	0.8	<0.002	<0.002	0.19	0.13	0.83	0.55
0.06	<0.05	0.01	0.01	0.1	0.1	<0.2	2.5	40	60	4.4	6.3	0.3	0.3	<0.002	<0.002	0.31	0.38	2.45	2.83
0.15	0.13	0.01	0.01	0.1	0.1	1.4	20.6	40	70	18.1	34.8	0.4	1	<0.002	<0.002	8.15	8.45	33.8	33.9
0.09	0.05	0.01	0.01	0.2	0.2	0.5	2.3	50	70	8.1	9.6	1.1	1.1	<0.002	<0.002	0.88	0.89	4.43	5.56
0.48	0.51	0.01	0.01	0.5	0.5	1.7	2.8	110	130	8.3	9.4	3	3	<0.002	<0.002	0.8	0.95	1.99	2.59
0.3	<0.05	0.01	0.01	0.2	0.2	1.3	2.1	60	80	4.1	4.8	0.9	0.9	<0.002	<0.002	0.25	0.28	0.74	1.07
0.05	0.18	0.01	0.01	0.1	0.1	0.2	2.2	40	40	4.2	4.3	0.5	0.6	<0.002	<0.002	0.37	0.41	1.03	1.04
0.05	0.06	0.01	0.01	0.1	0.1	<0.2	2.4	30	50	5.6	5.8	0.4	0.4	<0.002	<0.002	0.97	1.04	2.37	2.66
0.05	<0.05	0.01	0.01	0.1	0.1	0.4	1.9	40	20	5.3	5.6	0.5	0.5	<0.002	<0.002	0.47	0.51	0.78	0.88
0.14	0.05	0.01	0.01	0.1	0.1	2	3.3	100	110	22.1	19.4	0.6	0.7	<0.002	<0.002	3.89	4.05	9.32	9.82
7.35	NSS	1.18	NSS	5.5	NSS	28.4	NSS	480	NSS	8430	NSS	122.5	NSS	0.012	NSS	5.99	NSS	110.5	NSS
0.07	<0.05	0.01	0.01	0.1	0.2	0.4	3.9	60	90	13.1	10.4	0.7	0.7	<0.002	<0.002	0.97	0.93	2.29	2.2
0.07	<0.05	0.01	0.01	0.1	0.1	0.5	2.2	40	40	8.5	7.2	0.4	0.5	<0.002	<0.002	0.96	1	1.64	1.62
0.11	0.07	<0.01	<0.01	0.2	0.2	1	2.8	160	180	2.4	1.7	0.9	0.9	<0.002	<0.002	0.02	0.03	0.09	0.09
0.07	0.12	0.01	0.01	0.1	0.1	0.9	1.8	30	50	3.2	3.1	0.3	0.3	<0.002	<0.002	0.2	0.23	0.33	0.39
0.09	0.07	0.01	0.01	0.1	0.1	<0.2	1.8	20	20	4.5	5.1	0.4	0.3	<0.002	<0.002	0.68	0.76	0.79	0.98
0.07	0.06	0.01	0.01	0.1	0.1	0.5	2	30	40	12.2	13.2	0.4	0.4	<0.002	<0.002	0.73	0.82	1.77	2.04
0.12	0.06	0.01	0.01	0.2	0.2	1.3	2.6	70	80	11.2	11.4	0.7	0.7	<0.002	<0.002	0.91	0.91	2.2	2.29
0.09	0.16	0.01	0.01	0.2	0.2	0.5	1.8	50	60	2.2	2.7	0.6	0.7	<0.002	<0.002	0.11	0.11	0.37	0.39
0.07	<0.05	0.01	0.01	0.1	0.1	<0.2	1.7	30	40	3.8	4.2	0.4	0.4	<0.002	<0.002	0.29	0.29	0.58	0.62

VA08091370 ME-MS61 Sc ppm		VA08091370 ME-MS61 Se ppm		VA08091370 ME-MS61 Sn ppm		VA08091370 ME-MS61 Sr ppm		VA08091370 ME-MS61 Ta ppm		VA08091370 ME-MS61 Te ppm		VA08091370 ME-MS61 Th ppm		VA08091370 ME-MS61 Ti %		VA08091370 ME-MS61 Tl ppm		VA08091370 ME-MS61 U ppm	
Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject
0.3	0.4	2	3	0.2	0.2	60.7	55.3	<0.05	<0.05	<0.05	<0.05	0.2	0.2	<0.005	0.005	0.09	0.1	0.4	0.5
0.3	0.3	3	6	0.5	0.6	42	38.5	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.06	0.07	0.2	0.2
0.3	0.3	2	4	0.3	0.3	45.2	47.4	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.09	0.11	0.3	0.3
0.3	0.3	2	4	0.2	0.2	68.8	73	<0.05	<0.05	<0.05	<0.05	0.3	0.3	<0.005	<0.005	0.09	0.09	0.4	0.4
0.2	0.2	3	6	0.2	0.3	54.4	53.2	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.1	0.1	0.2	0.2
12.1	NSS	22	NSS	10.7	NSS	205	NSS	0.38	NSS	0.06	NSS	3.4	NSS	0.288	NSS	2.06	NSS	2.5	NSS
0.7	0.2	12	14	0.8	0.8	44.8	45.5	<0.05	<0.05	0.15	<0.05	<0.2	<0.2	<0.005	<0.005	0.31	0.24	0.3	0.3
0.3	0.3	5	6	0.2	0.2	59.9	60.8	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.1	0.1	0.4	0.4
0.1	0.2	6	5	0.6	0.6	55	59.9	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.18	0.15	0.2	0.3
0.2	0.2	5	5	0.2	0.2	58.3	61.2	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.07	0.08	0.2	0.2
0.2	0.2	4	5	0.3	0.3	57.7	61.9	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.11	0.13	0.2	0.3
<0.1	0.2	6	5	0.5	0.4	58.3	57.8	<0.05	<0.05	0.18	<0.05	<0.2	<0.2	<0.005	<0.005	0.17	0.15	0.2	0.2
6.3	<0.1	36	27	8.2	3.1	8.3	6.8	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.91	0.69	<0.1	0.1
0.3	0.4	2	2	<0.2	<0.2	48.8	50.6	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	<0.02	<0.02	0.6	0.6
0.2	0.2	5	4	0.2	0.2	58.1	60.8	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.14	0.12	0.2	0.2
<0.1	0.2	6	5	0.4	0.4	72.7	71.4	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.14	0.13	0.3	0.3
0.3	0.3	3	3	<0.2	<0.2	73.6	77.8	<0.05	<0.05	<0.05	<0.05	0.2	0.2	0.005	<0.005	0.05	0.04	0.3	0.4
0.1	0.2	2	3	<0.2	<0.2	53.9	60.1	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.03	0.04	0.3	0.3
0.1	0.3	11	11	1.2	1.1	58.4	60.9	<0.05	<0.05	<0.05	0.05	<0.2	<0.2	<0.005	<0.005	0.34	0.33	0.2	0.2
0.2	0.3	2	3	0.2	0.2	79.4	82.3	<0.05	<0.05	<0.05	<0.05	0.2	0.2	<0.005	<0.005	0.07	0.07	0.3	0.3
0.5	0.5	2	3	0.2	0.2	86.6	97.8	<0.05	<0.05	<0.05	<0.05	0.5	0.6	0.011	0.011	0.15	0.17	0.6	0.7
0.2	0.3	2	2	0.3	<0.2	75.9	83.1	<0.05	<0.05	<0.05	<0.05	0.2	0.2	<0.005	<0.005	0.05	0.06	0.4	0.4
0.2	0.2	2	2	<0.2	0.2	74.7	84.3	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.06	0.06	0.3	0.3
0.1	0.2	3	3	0.2	0.2	78.5	81.7	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.04	0.05	0.2	0.3
0.1	0.2	2	2	<0.2	<0.2	72.2	76.6	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.05	0.06	0.3	0.3
0.1	0.3	6	4	0.6	0.6	66.4	66.6	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.14	0.15	0.3	0.2
12.3	NSS	24	NSS	11.2	NSS	203	NSS	0.41	NSS	0.05	NSS	3.7	NSS	0.282	NSS	2.17	NSS	2.7	NSS
0.2	0.3	2	2	0.2	0.2	69.9	72.8	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.07	0.07	0.3	0.4
0.2	0.2	2	2	0.2	0.2	71.6	74.7	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.05	0.04	0.3	0.3
0.3	0.4	2	2	<0.2	<0.2	52.6	55.2	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	<0.02	<0.02	0.7	0.5
0.1	0.2	2	2	<0.2	<0.2	68.2	75.1	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.04	0.05	0.4	0.4
0.1	0.2	2	3	<0.2	0.2	57.2	61.6	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.03	0.03	0.3	0.3
0.1	0.2	2	2	<0.2	<0.2	55.3	60.3	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.04	0.04	0.2	0.2
0.2	0.2	2	2	<0.2	<0.2	72.6	76.5	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.06	0.06	0.3	0.3
0.1	0.2	2	2	<0.2	<0.2	69.3	75.2	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.03	0.03	0.3	0.3
0.1	0.1	2	2	<0.2	<0.2	71.2	76.5	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.03	0.03	0.3	0.3

VA08091370 ME-MS61 V ppm		VA08091370 ME-MS61 W ppm		VA08091370 ME-MS61 Y ppm		VA08091370 ME-MS61 Zr ppm	
Original	Reject	Original	Reject	Original	Reject	Original	Reject
2	3	0.1	0.1	2.2	2.4	1.7	2.2
1	2	0.1	0.1	1.6	1.7	0.7	0.7
1	1	0.1	0.1	1.8	2	0.7	0.8
2	2	0.2	0.3	2	2.2	1.6	1.7
1	1	0.2	0.2	1.6	1.8	0.7	0.9
92	NSS	4.2	NSS	12.5	NSS	36.2	NSS
<1	1	1.5	0.2	1.4	1.5	0.8	0.7
1	1	0.1	0.1	2	2.1	1.2	1.1
1	1	0.1	0.1	1.7	1.8	0.9	1
<1	1	0.1	<0.1	1.7	1.7	0.6	0.7
1	1	0.1	<0.1	1.6	1.6	0.7	0.9
1	1	0.1	<0.1	1.3	1.3	0.7	0.8
<1	<1	<0.1	<0.1	0.2	0.1	<0.5	<0.5
2	3	0.1	<0.1	0.9	0.9	0.7	<0.5
<1	1	0.1	<0.1	1.5	1.4	0.7	0.6
1	1	0.2	0.1	1.8	1.8	1.1	0.9
2	1	0.2	0.1	2	2	2.3	1.9
<1	1	0.1	<0.1	1.9	2	0.7	0.7
<1	2	0.2	0.2	1.2	1.4	1	1.2
2	2	0.2	0.1	1.9	1.8	1.9	1.8
4	5	0.3	0.3	2.3	2.4	5.4	6.1
2	3	0.2	<0.1	2.2	2.2	1.9	2
1	2	0.1	0.1	1.9	1.9	0.9	0.9
<1	1	0.1	<0.1	1.8	1.7	0.8	0.7
1	1	0.3	<0.1	1.7	1.7	1.1	1.3
2	2	0.2	<0.1	1.7	1.7	0.9	1
92	NSS	3.1	NSS	13.3	NSS	39.6	NSS
2	2	0.1	0.1	1.8	1.7	1.2	1.2
2	3	0.1	<0.1	1.8	1.7	0.8	0.8
2	1	0.1	<0.1	0.9	0.9	0.5	<0.5
<1	1	0.1	<0.1	1.6	1.7	0.8	0.5
<1	1	0.2	<0.1	1.4	1.4	0.9	0.7
1	3	0.1	0.1	1.6	1.6	1	0.8
1	2	0.1	<0.1	1.6	1.6	1.5	1.4
1	1	0.4	0.1	1.6	1.6	1.2	1.1
2	2	0.1	<0.1	1.5	1.5	1	0.8

		TR08104051 WEI-21 Recvd Wt. kg	TR08104051 ME-MS61 Zn ppm		TR08104051 Zn-OG62 Zn %		TR08104051 Zn-CON02 Zn %		TR08104051 ME-MS61 Ag ppm		TR08104051 ME-MS61 Al %		TR08104051 ME-MS61 As ppm		TR08104051 ME-MS61 Ba ppm		TR08104051 ME-MS61 Be ppm	
	Sample	Original	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject
1	G005109	1.63	15	24	*	<0.01	*	*	0.03	0.01	0.07	0.06	5	5	10	10	0.05	0.06
2	G005110	3.67	2860	2890	*	0.28	*	*	0.1	0.07	0.28	0.3	16	10	60	70	0.12	0.13
3	G005111	3.67	>10000	>10000	2.06	2.04	*	*	0.55	0.46	0.32	0.31	28	10	90	90	0.17	0.23
4	G005112	3.45	>10000	>10000	1.71	1.71	*	*	0.35	0.39	0.15	0.15	16	14	50	50	0.09	0.14
5	G005113	0.13	>10000	NSS	1.29	NSS	*	*	>100	NSS	5.6	NSS	4350	NSS	280	NSS	1.02	NSS
6	G005114	3.75	2570	2580	*	0.25	*	*	0.08	0.05	0.69	0.68	38	27	160	160	0.32	0.43
7	G005115	3.15	561	649	*	0.06	*	*	0.04	0.01	0.15	0.16	5	<5	40	30	0.17	0.19
8	G005116	3.68	5440	5330	*	0.6	*	*	1.52	0.53	0.07	0.06	7	9	50	50	0.12	0.11
9	G005117	3.63	>10000	>10000	2.04	2.13	*	*	2.23	2.32	0.06	0.05	23	14	70	70	0.17	0.14
10	G005118	3.7	>10000	>10000	1.52	1.43	*	*	0.51	0.45	0.04	0.04	22	15	80	80	0.2	0.16
11	G005119	1.55	>10000	>10000	1.8	1.73	*	*	0.88	0.65	0.04	0.04	24	12	90	80	0.16	0.18
12	G005120	2.51	>10000	>10000	1.4	1.28	*	*	0.97	0.74	0.04	0.03	16	9	80	80	0.09	0.12
13	G005121	3.66	>10000	>10000	2.75	2.63	*	*	0.49	0.38	0.05	0.05	15	7	110	110	0.16	0.15
14	G005122	2.27	>10000	>10000	15.2	15.1	*	*	20.3	18.95	0.13	0.13	74	51.85	100	110	0.05	<0.05
15	G005123	3.2	>10000	>10000	12.45	12.75	*	*	5.77	5.76	0.42	0.41	29.6	30.5	570	320	0.17	0.13
16	G005124	2.54	>10000	>10000	15.2	13.9	*	*	12.15	11.55	0.21	0.21	38.9	32.6	90	90	<0.05	<0.05
17	G005125	2.55	>10000	>10000	9.17	9.18	*	*	2.31	2.26	0.12	0.12	15.5	15.2	30	30	<0.05	<0.05
18	G005126	1.6	478	682	*	0.09	*	*	0.04	0.05	0.06	0.06	9	<5	10	10	0.05	0.05
19	G005127	0.12	>10000	NSS	1.3	NSS	*	*	>100	NSS	5.38	NSS	4140	NSS	270	NSS	1.1	NSS
20	G005128	3.47	8140	7920	*	0.96	*	*	0.8	0.07	0.05	0.04	16	9	70	70	0.09	0.12
21	G005129	3.58	>10000	>10000	2.59	2.72	*	*	0.4	0.08	0.04	0.03	22	8	50	50	0.16	0.14
22	G005130	3.31	>10000	>10000	2.77	2.83	*	*	0.41	0.17	0.03	0.03	26	11	30	40	0.07	0.12
23	G005131	3.77	>10000	>10000	4.72	4.76	*	*	7.82	7.17	0.04	0.04	43	33	70	80	0.06	0.09
24	G005132	3.5	>10000	>10000	2.14	2.17	*	*	4.75	4.28	0.08	0.08	28	18	160	170	0.12	0.12
25	G005133	3.24	7350	7410	*	0.86	*	*	0.16	0.08	0.05	0.05	17	9	100	100	0.1	0.14
26	G005134	3.77	>10000	>10000	1.29	1.22	*	*	0.58	0.38	0.08	0.07	24	7	340	340	0.18	0.19
27	G005135	3.15	>10000	>10000	4.91	5.18	*	*	2.41	2.38	0.22	0.23	24	14	80	80	0.1	0.1
28	G005136	0.84	>10000	>10000	15.5	16	*	*	8.39	8.34	0.32	0.31	38	29	50	50	0.13	0.14
29	G005137	1.64	>10000	>10000	>30.0	>30.0	62.05	*	45.1	49.5	0.02	0.03	76.4	47.35	60	30	<0.05	<0.05
30	G005138	1.58	250	481	*	0.15	*	*	0.03	0.03	0.05	0.06	5	<5	10	20	0.05	0.07
31	G005139	3.85	>10000	>10000	2.21	1.98	*	*	0.98	0.81	0.05	0.05	18	9	50	60	0.1	0.13
32	G005140	2.86	1460	1360	*	0.15	*	*	0.15	0.08	0.04	0.04	12	5	20	20	0.15	0.16
33	G005141	3.64	8730	8110	*	0.99	*	*	0.34	0.27	0.04	0.04	22	8	20	20	0.12	0.12
34	G005142	3.56	9960	9330	*	1.08	*	*	1.54	1.36	0.04	0.04	27	17	10	10	0.15	0.1
35	G005143	2.91	>10000	>10000	3.04	3.31	*	*	3.78	4.41	0.05	0.05	45	28	10	10	0.06	0.11
36	G005144	3.7	>10000	>10000	4	3.27	*	*	3.82	3.11	0.14	0.13	54	34	50	40	0.13	0.12

TR08104051 ME-MS61 Bi ppm		TR08104051 ME-MS61 Ca %		TR08104051 ME-MS61 Cd ppm		TR08104051 ME-MS61 Ce ppm		TR08104051 ME-MS61 Co ppm		TR08104051 ME-MS61 Cr ppm		TR08104051 ME-MS61 Cs ppm		TR08104051 ME-MS61 Cu ppm		TR08104051 ME-MS61 Fe %		TR08104051 ME-MS61 Ga ppm	
Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject
0.02	0.18	18.5	19.45	0.08	0.09	1.26	1.38	1.2	1.6	2	<1	0.22	0.23	1.9	4.2	0.45	0.45	0.23	0.23
0.01	0.02	14.25	14.25	2.76	2.49	4.09	4.6	1.1	1.4	5	6	0.28	0.31	4.9	6.3	0.64	0.63	0.78	0.8
0.01	0.02	16.2	17.25	50.3	49.5	7.32	7.48	1.6	1.8	3	3	0.3	0.31	14.2	15.9	0.68	0.66	1.48	1.38
0.01	0.02	16	17	35.4	38.4	3.15	3.89	1	1.4	3	2	0.13	0.16	9.3	11.6	0.75	0.72	1.01	1.15
0.14	NSS	2.23	NSS	137	NSS	27.7	NSS	15	NSS	45	NSS	4.21	NSS	451	NSS	7.63	NSS	15.65	NSS
0.04	0.03	16.7	16.95	3.03	2.94	8.51	9.07	2.1	2.3	6	5	0.65	0.63	5.2	4.8	1.08	0.96	1.9	1.96
0.01	0.11	16.15	17	0.16	0.31	2.96	3.35	1.3	1.6	3	2	0.15	0.16	2.1	2.4	0.46	0.45	0.46	0.5
<0.01	0.02	17.4	18.1	15.2	13.9	4.04	4.19	0.9	1.2	1	<1	0.05	0.05	13	12.6	0.68	0.65	0.91	0.88
<0.01	<0.01	16.95	17.45	46.8	49.8	3.28	3.89	0.8	1.2	1	<1	<0.05	0.05	24.4	29.3	0.73	0.69	1.41	1.56
<0.01	0.01	16.4	17.8	26.4	25.7	2.49	2.96	0.9	1.2	1	1	<0.05	<0.05	17.1	17.7	0.9	0.87	0.51	0.6
<0.01	<0.01	16.2	17	35.1	34.6	2.69	2.91	0.9	1.1	1	<1	<0.05	<0.05	12.8	14.4	0.83	0.77	0.61	0.69
0.02	<0.01	17.3	17.9	35.3	30.5	2.82	3	0.8	1.1	1	<1	<0.05	<0.05	11.1	11.2	0.64	0.61	0.6	0.61
<0.01	<0.01	15.25	15.65	75.1	73	2.79	2.83	1.2	1.4	3	2	<0.05	<0.05	9.2	10.4	0.52	0.48	0.71	0.66
0.01	0.02	1.47	1.47	392	396	0.92	1.08	0.5	0.6	7	6	0.11	0.12	198	158	0.38	0.4	4.95	4.27
<0.01	0.02	2.56	2.65	209	226	5.35	5.46	1.3	1.3	10	9	0.21	0.22	78.8	90.6	0.47	0.38	2.79	2.66
0.02	0.03	0.35	0.4	406	429	0.69	0.69	0.4	0.5	12	15	0.16	0.16	149.5	157	0.28	0.37	3.72	3.34
0.01	0.02	1.97	2.1	172.5	178	0.89	0.91	1.2	1.1	14	13	0.08	0.08	41.4	42.5	0.54	0.51	1.13	1.07
0.02	0.02	18.25	19.45	1.43	1.93	1.18	1.27	1	1.4	1	<1	0.12	0.14	2.1	2.9	0.41	0.4	0.22	0.28
0.13	NSS	2.16	NSS	136	NSS	27.4	NSS	14.6	NSS	42	NSS	4.13	NSS	433	NSS	7.43	NSS	15.5	NSS
<0.01	<0.01	16.6	17.65	8.13	10.15	1.93	2.86	0.7	1.2	2	1	<0.05	<0.05	2.2	3.8	0.65	0.62	0.21	0.38
<0.01	<0.01	16.75	17.65	63.2	54.6	3.05	2.89	1.1	1.2	1	1	<0.05	<0.05	4	5	0.63	0.58	0.49	0.49
<0.01	<0.01	15.85	17	32.3	30.7	3.01	3.3	1.2	1.5	2	<1	<0.05	<0.05	8.2	10.1	0.81	0.76	0.52	0.6
<0.01	<0.01	15.55	16.9	112.5	112	2.38	2.71	1.2	1.5	1	<1	<0.05	<0.05	89.3	91.3	0.94	0.96	3.56	3.31
<0.01	<0.01	17.15	17.65	47.3	46.4	3.63	3.96	1.1	1.4	2	1	<0.05	0.05	46.3	46.8	0.75	0.73	2.18	2.03
<0.01	<0.01	16.85	18.35	2.69	3.39	2.46	2.72	0.9	1.3	1	<1	<0.05	<0.05	1.8	3	0.7	0.71	0.2	0.31
<0.01	0.11	16.65	18.2	12.9	11.35	2.75	2.92	1.1	1.3	2	<1	<0.05	<0.05	5.7	6.1	0.72	0.7	0.34	0.39
0.02	0.01	11.95	11.75	126.5	132.5	2.88	3.06	2.1	2.2	3	2	0.23	0.24	49.9	55.3	1.02	0.98	1.61	1.53
0.01	0.02	13.7	13.4	367	390	3.31	3.48	4	4.1	5	4	0.34	0.36	128	141	1.58	1.49	3.37	3.12
0.01	0.04	0.74	0.85	>1000	>1000	1.37	1.35	2.9	2.9	<1	<1	0.11	0.13	1000	1125	1.36	1.39	3.23	3.1
0.03	0.03	18.25	18.55	0.79	1.17	1.16	1.31	1.1	1.4	1	<1	0.11	0.12	2	3	0.41	0.39	0.21	0.25
<0.01	0.01	16.95	18.05	46	44.8	1.88	2.2	1.3	1.6	2	<1	<0.05	<0.05	18.3	20.2	0.81	0.75	0.82	0.78
<0.01	<0.01	17.65	18.6	2.77	2.6	1.59	1.81	0.7	1.1	1	2	<0.05	<0.05	2.1	2.9	0.62	0.6	0.21	0.3
<0.01	<0.01	16.25	16.7	18.15	18.45	1.61	1.79	0.7	1	1	<1	<0.05	<0.05	6.5	7.4	0.73	0.69	0.59	0.66
<0.01	<0.01	16.95	18.1	29.6	27.5	1.57	1.78	0.9	1.2	1	<1	<0.05	<0.05	30.4	30.1	0.85	0.8	1.4	1.4
<0.01	<0.01	14.4	14.65	80.5	92.6	1.64	1.85	1	1.3	3	1	<0.05	<0.05	51.4	62.7	0.93	0.94	2.37	2.65
0.01	0.01	15.4	16.35	90.6	79.6	3.03	3.48	1.9	2.1	2	1	0.11	0.12	90.6	82	1.25	1.14	4.83	4.16

TR08104051 ME-MS61 Ge ppm		TR08104051 ME-MS61 Hf ppm		TR08104051 ME-MS61 In ppm		TR08104051 ME-MS61 K %		TR08104051 ME-MS61 La ppm		TR08104051 ME-MS61 Li ppm		TR08104051 ME-MS61 Mg %		TR08104051 ME-MS61 Mn ppm		TR08104051 ME-MS61 Mo ppm		TR08104051 ME-MS61 Na %	
Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject
<0.05	<0.05	<0.1	<0.1	<0.005	<0.005	0.03	0.02	0.6	0.7	1	0.9	11.6	12.15	176	187	0.09	0.13	0.01	<0.01
0.05	0.06	0.1	0.1	<0.005	<0.005	0.1	0.1	2.4	2.7	10.6	12.8	8.99	8.92	475	483	0.14	0.2	0.01	<0.01
0.05	0.06	0.2	0.2	0.007	<0.005	0.13	0.13	4.4	4.4	5.8	7.4	10.5	10.9	491	506	0.3	0.24	0.01	<0.01
0.07	0.08	0.1	0.1	0.007	0.006	0.06	0.06	2	2.5	3.4	5	10.3	10.55	628	639	0.17	0.17	0.01	<0.01
0.17	NSS	1.6	NSS	0.372	NSS	1.61	NSS	13.2	NSS	23	NSS	0.82	NSS	1330	NSS	8.01	NSS	1.18	NSS
<0.05	0.07	0.3	0.3	<0.005	<0.005	0.3	0.28	5	5.5	10.9	11.3	10.35	10.55	672	674	0.48	0.31	0.02	<0.01
<0.05	0.05	0.1	0.1	<0.005	0.006	0.06	0.06	1.8	2	4.2	4.5	10.05	10.65	377	406	0.11	0.09	0.01	<0.01
<0.05	0.08	<0.1	<0.1	0.012	0.009	0.02	0.02	2.7	2.7	2.6	3	11.2	11.45	624	639	0.22	0.59	0.01	<0.01
<0.05	0.08	<0.1	<0.1	0.022	0.03	0.01	0.01	2.2	2.6	2	2.8	10.9	11	657	660	0.13	0.12	0.01	<0.01
<0.05	0.08	<0.1	<0.1	0.006	0.005	0.01	0.01	1.9	2.1	1.8	2.4	10.7	11.2	597	630	0.1	0.1	0.01	<0.01
<0.05	0.06	<0.1	<0.1	0.008	0.005	0.01	0.01	1.9	2.1	1.9	2.5	10.55	10.75	587	599	0.11	0.08	0.01	<0.01
0.06	0.07	<0.1	<0.1	0.022	0.008	<0.01	0.01	2	2.1	2.3	3	11.25	11.45	549	554	0.07	0.06	0.01	<0.01
<0.05	0.06	<0.1	<0.1	0.006	<0.005	0.01	0.01	2	2	5.2	5.9	9.92	9.94	438	439	0.13	0.11	0.01	<0.01
<0.05	0.05	<0.1	<0.1	0.106	0.094	0.01	0.01	0.7	0.8	23.3	26.6	0.85	0.81	73	76	0.19	0.21	<0.01	<0.01
<0.05	0.06	<0.1	<0.1	0.028	0.026	0.12	0.12	3.6	3.8	17.6	17.3	1.5	1.48	183	179	0.22	0.11	<0.01	<0.01
<0.05	0.08	<0.1	<0.1	0.051	0.049	0.05	0.05	<0.5	<0.5	21.5	20.2	0.2	0.21	39	47	0.21	0.22	<0.01	<0.01
0.16	0.06	<0.1	<0.1	0.013	0.013	0.01	0.01	0.5	0.5	21.1	20.7	1.14	1.14	146	144	0.24	0.18	<0.01	<0.01
<0.05	0.06	<0.1	<0.1	<0.005	<0.005	0.02	0.03	0.6	0.6	1.1	1.2	11.5	12.35	185	201	0.09	0.08	<0.01	<0.01
0.18	NSS	1.5	NSS	0.386	NSS	1.54	NSS	13.1	NSS	27.3	NSS	0.79	NSS	1290	NSS	7.86	NSS	1.15	NSS
<0.05	0.07	<0.1	<0.1	<0.005	<0.005	0.01	0.01	1.4	2	3	4.2	10.85	11.15	513	524	0.08	0.08	0.01	<0.01
0.05	0.06	<0.1	<0.1	0.008	<0.005	<0.01	0.01	2.2	2	3	2.8	11	11.2	550	553	0.15	0.07	0.01	<0.01
<0.05	0.07	<0.1	<0.1	0.008	<0.005	<0.01	0.01	2.2	2.4	2.4	2.7	10.3	10.7	635	651	0.1	0.09	0.01	<0.01
0.05	0.08	<0.1	<0.1	0.092	0.086	0.01	0.01	1.6	1.8	3.1	3.6	10.05	10.6	601	643	0.13	0.11	0.01	<0.01
0.05	0.07	<0.1	<0.1	0.051	0.05	0.02	0.02	2.4	2.5	3.5	4.2	11.1	11.2	597	611	0.12	0.11	0.01	<0.01
<0.05	0.07	<0.1	<0.1	<0.005	<0.005	0.01	0.01	1.7	1.8	3.2	4	10.95	11.65	608	645	0.07	0.08	0.01	<0.01
<0.05	0.06	<0.1	<0.1	<0.005	0.005	0.01	0.01	1.8	1.9	3.9	4.4	10.85	11.55	582	621	0.11	0.09	0.01	<0.01
0.05	0.19	0.2	0.2	0.012	0.009	0.09	0.09	1.6	1.6	13.5	15.4	7.33	7.27	466	479	0.33	0.29	<0.01	<0.01
0.9	1.79	0.3	0.3	0.042	0.042	0.15	0.15	1.5	1.6	5.9	6.5	8.32	8.25	565	571	0.62	0.57	<0.01	<0.01
39.2	138	0.3	0.4	0.11	0.097	<0.01	0.01	0.5	0.6	0.9	0.9	0.34	0.37	44	48	0.61	0.67	<0.01	0.03
<0.05	0.06	<0.1	<0.1	<0.005	<0.005	0.02	0.02	0.6	0.6	0.9	1	11.55	11.9	166	175	0.08	0.09	<0.01	<0.01
0.05	0.1	<0.1	<0.1	0.016	0.011	0.01	0.01	1.3	1.4	3.2	3.8	11.05	11.55	600	625	0.14	0.1	0.01	<0.01
<0.05	0.1	<0.1	<0.1	<0.005	<0.005	0.01	0.01	1.1	1.2	2.4	3.3	11.5	11.85	544	559	0.06	0.07	0.01	<0.01
<0.05	0.09	<0.1	<0.1	0.008	0.007	0.01	0.01	1.2	1.2	2.3	3.1	10.5	10.55	635	638	0.09	0.07	0.01	<0.01
0.11	0.1	<0.1	<0.1	0.029	0.026	0.01	0.01	1.2	1.2	3	4.3	11	11.45	606	633	0.08	0.06	0.01	<0.01
0.06	0.08	<0.1	<0.1	0.037	0.044	0.01	0.01	1.2	1.3	3.9	5.2	9.12	9.16	542	554	0.1	0.08	0.01	<0.01
0.07	0.09	0.1	0.1	0.079	0.07	0.05	0.05	2.1	2.3	3.6	5.6	9.92	10.25	633	663	0.3	0.24	0.01	<0.01

TR08104051 ME-MS61 Nb ppm		TR08104051 ME-MS61 Ni ppm		TR08104051 ME-MS61 P ppm		TR08104051 ME-MS61 Pb ppm		TR08104051 ME-MS61 Rb ppm		TR08104051 ME-MS61 Re ppm		TR08104051 ME-MS61 S %		TR08104051 ME-MS61 Sb ppm		TR08104051 ME-MS61 Sc ppm		TR08104051 ME-MS61 Se ppm	
Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject
0.3	0.2	2.4	0.2	150	170	1.7	2.6	1.4	1.2	<0.002	<0.002	0.04	0.05	0.05	0.16	0.3	0.5	2	4
0.5	0.6	0.9	2.1	80	100	18.1	16.3	3.8	3.7	<0.002	<0.002	0.27	0.27	5.04	4.46	0.5	0.6	2	4
0.8	0.7	<0.2	0.4	170	180	8.2	7.7	5	4.6	<0.002	<0.002	1.32	1.38	3.54	3.44	0.7	0.8	3	7
0.3	0.3	<0.2	<0.2	100	110	43.1	58.4	2	2.3	<0.002	<0.002	1.08	1.07	1.85	2.04	0.5	0.6	3	7
5.7	NSS	28.5	NSS	490	NSS	8410	NSS	115	NSS	0.011	NSS	6.05	NSS	116.5	NSS	14	NSS	24	NSS
1.1	1	4	1.7	190	200	9.5	9.6	10.6	10	<0.002	<0.002	0.53	0.49	5.59	5.91	1.3	1.5	2	4
0.4	0.3	1.8	<0.2	70	90	2.4	2.9	2.1	2.1	<0.002	<0.002	0.1	0.09	0.44	0.51	0.3	0.5	2	3
0.2	0.1	<0.2	<0.2	90	80	8	3.8	0.9	0.7	<0.002	<0.002	0.33	0.31	3.62	3.15	0.2	0.3	2	4
0.1	0.1	<0.2	<0.2	100	110	8.5	6	0.4	0.5	0.002	<0.002	1.06	1.07	5.99	6.75	0.2	0.3	3	7
0.1	0.1	<0.2	<0.2	90	100	36.4	32.3	0.2	0.3	<0.002	<0.002	0.72	0.69	18.5	17.35	0.3	0.4	3	6
0.1	0.1	<0.2	<0.2	100	100	8.9	9	0.3	0.3	<0.002	<0.002	0.91	0.89	6.47	6.42	0.2	0.4	3	7
0.1	0.1	<0.2	<0.2	100	100	3.8	3.3	0.1	0.2	<0.002	<0.002	0.61	0.53	5.23	4.69	0.2	0.4	3	6
0.1	0.1	0.5	0.5	130	140	9.3	8.9	0.2	0.2	<0.002	<0.002	0.4	0.38	12.15	11.2	0.4	0.5	4	9
0.1	0.1	1.2	1.4	130	150	3260	3450	0.7	0.5	<0.002	<0.002	6.98	6.89	1145	1255	<0.1	0.1	14	33
0.1	0.1	2.9	2.3	450	450	1610	1640	4.6	4	<0.002	<0.002	2.91	3.13	492	569	0.1	0.2	12	27
0.1	0.1	1.4	1.4	90	100	1160	1190	2	1.6	<0.002	<0.002	6.18	6.21	164	178	<0.1	0.1	13	31
0.1	0.1	2.1	2.2	70	80	482	513	0.6	0.5	<0.002	<0.002	2.35	2.45	124	132	0.1	0.2	9	20
0.3	0.2	2.5	0.2	180	190	6.6	9.3	1	1.1	<0.002	<0.002	0.03	0.02	0.88	1.61	0.2	0.4	2	3
5.4	NSS	27.4	NSS	460	NSS	8190	NSS	110.5	NSS	0.01	NSS	5.83	NSS	114	NSS	14.3	NSS	24	NSS
0.1	0.1	<0.2	<0.2	90	100	13.9	11.2	0.2	0.2	<0.002	<0.002	0.19	0.16	6.88	8.63	0.2	0.5	2	5
0.1	0.1	4.8	<0.2	80	80	15.6	13.2	0.3	0.2	<0.002	<0.002	0.18	0.18	11.4	9.77	0.3	0.4	4	8
0.1	0.1	0.3	<0.2	80	100	14.7	15.1	0.1	0.2	<0.002	<0.002	0.52	0.5	12.25	12.6	0.3	0.4	4	9
0.1	0.1	<0.2	0.3	130	150	20.2	21.4	0.2	0.2	<0.002	<0.002	2.56	2.66	26.6	25.8	0.3	0.4	5	12
0.2	0.2	<0.2	0.5	180	180	20.2	20.5	0.6	0.8	<0.002	<0.002	0.9	0.95	18.6	18.1	0.4	0.5	4	8
0.1	0.1	<0.2	<0.2	110	110	2.9	3	0.4	0.4	<0.002	<0.002	0.12	0.12	6.63	6.84	0.3	0.4	2	5
0.1	0.1	<0.2	<0.2	260	280	4	2.8	0.4	0.4	<0.002	<0.002	0.33	0.31	4.7	4.48	0.3	0.4	3	6
0.6	0.5	1.9	2.4	360	360	8.3	7.9	4	3.8	<0.002	<0.002	2.92	3.16	4.23	4.17	0.4	0.5	5	13
1	0.8	4.6	5	1320	1320	14.7	15.4	6.5	6.1	<0.002	<0.002	8.49	8.8	10.55	10.75	0.6	0.7	14	35
0.5	0.6	4.2	5.5	700	730	42	48.2	0.5	0.5	<0.002	<0.002	>10.0	>10.0	26.8	26.7	0.1	<0.1	44	49
0.3	0.2	2.7	1.5	240	270	1.6	1.6	0.9	1	<0.002	<0.002	0.02	0.02	0.08	0.18	0.3	0.4	2	3
0.2	0.1	<0.2	0.8	70	80	13.3	14	0.5	0.6	<0.002	<0.002	1.14	1.11	8.04	7.64	0.3	0.4	3	8
0.1	0.1	<0.2	0.3	50	60	6.9	8	0.3	0.3	<0.002	<0.002	0.2	0.17	0.68	0.84	0.2	0.3	2	4
0.1	0.1	<0.2	0.3	60	60	4.7	5.5	0.3	0.4	<0.002	<0.002	0.65	0.63	1.41	1.6	0.1	0.2	2	5
0.1	0.1	<0.2	0.6	40	50	96.3	94.2	0.3	0.3	<0.002	<0.002	0.86	0.82	21.2	22.2	0.2	0.3	2	6
0.1	0.1	0.3	0.9	30	50	8.7	10.4	0.4	0.4	<0.002	<0.002	1.93	2.28	13.35	15.95	0.3	0.4	4	10
0.3	0.3	1.1	2	70	80	32.5	32.6	2.1	1.9	<0.002	<0.002	2.75	2.49	32.5	29.7	0.4	0.4	4	11

TR08104051 ME-MS61 Sn ppm		TR08104051 ME-MS61 Sr ppm		TR08104051 ME-MS61 Ta ppm		TR08104051 ME-MS61 Te ppm		TR08104051 ME-MS61 Th ppm		TR08104051 ME-MS61 Ti %		TR08104051 ME-MS61 Tl ppm		TR08104051 ME-MS61 U ppm		TR08104051 ME-MS61 V ppm		TR08104051 ME-MS61 W ppm	
Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject
<0.2	<0.2	50.1	50.3	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	<0.02	<0.02	0.6	0.5	1	3	0.1	1
0.4	0.4	71.8	70	<0.05	<0.05	<0.05	<0.05	0.5	0.6	0.012	0.014	0.07	0.08	0.7	0.7	4	5	0.3	0.4
0.2	0.2	106.5	98.7	0.05	0.05	<0.05	<0.05	0.8	0.8	0.015	0.016	0.14	0.14	1	1	5	6	0.6	0.6
<0.2	<0.2	76.6	80.9	<0.05	<0.05	<0.05	<0.05	0.3	0.4	0.007	0.007	0.06	0.09	0.5	0.6	4	5	0.2	0.3
12.1	NSS	204	NSS	0.38	NSS	<0.05	NSS	3.6	NSS	0.272	NSS	2.2	NSS	2.5	NSS	93	NSS	3.1	NSS
0.2	0.2	145.5	142	0.07	0.15	<0.05	<0.05	1.4	1.3	0.026	0.025	0.26	0.23	1.1	1	14	15	0.8	0.8
<0.2	<0.2	79	80.1	<0.05	<0.05	<0.05	<0.05	0.3	0.3	0.007	0.007	0.05	0.05	0.6	0.6	5	6	0.2	0.2
0.2	<0.2	74.9	72.8	<0.05	<0.05	<0.05	<0.05	0.2	0.2	<0.005	<0.005	0.06	0.07	0.4	0.4	1	2	0.2	0.2
0.3	0.4	75.3	79.5	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.19	0.2	0.4	0.5	2	2	0.2	0.2
<0.2	<0.2	75.7	83.7	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.24	0.25	0.4	0.5	<1	1	0.2	0.2
0.2	0.2	79.1	77.8	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.27	0.26	0.4	0.4	1	2	0.2	0.2
<0.2	<0.2	72.9	72.3	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.07	0.08	0.4	0.4	<1	2	0.1	0.1
<0.2	<0.2	84.6	81.1	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.03	0.05	0.4	0.4	1	2	0.1	0.1
1.4	1.2	39.6	41.6	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.7	0.75	0.4	0.4	<1	<1	0.1	0.2
0.6	0.6	205	198	<0.05	<0.05	<0.05	<0.05	<0.2	0.2	<0.005	<0.005	0.41	0.43	0.5	0.5	<1	1	0.5	0.4
0.7	0.7	30	28	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.61	0.6	0.2	0.3	<1	<1	0.2	0.2
0.5	0.5	17.7	17.6	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.19	0.21	0.3	0.3	<1	1	0.4	0.4
<0.2	<0.2	46.8	48	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	<0.02	<0.02	1.6	0.7	1	2	0.1	0.1
12.1	NSS	198.5	NSS	0.36	NSS	<0.05	NSS	3.4	NSS	0.263	NSS	2.13	NSS	2.4	NSS	88	NSS	3	NSS
<0.2	<0.2	54.3	69.5	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	<0.02	0.03	0.3	0.4	2	2	0.1	0.2
<0.2	<0.2	73.2	66.7	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	<0.02	0.02	0.3	0.3	1	2	0.1	0.1
<0.2	<0.2	60.8	62.4	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.02	0.04	0.3	0.3	1	2	0.1	0.1
1.1	1.1	74.3	78.7	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.11	0.14	0.3	0.3	1	2	0.1	0.1
0.6	0.6	109	110.5	<0.05	<0.05	<0.05	<0.05	0.2	0.2	<0.005	<0.005	0.1	0.1	0.5	0.5	2	3	0.2	0.2
<0.2	<0.2	69.1	70.5	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	<0.02	0.02	0.4	0.4	2	2	0.1	0.2
<0.2	<0.2	129.5	128	<0.05	<0.05	<0.05	<0.05	0.2	0.2	<0.005	<0.005	<0.02	0.03	0.6	0.6	1	2	0.2	0.2
0.3	0.3	80.3	78.7	<0.05	<0.05	<0.05	<0.05	0.9	1	0.012	0.012	0.18	0.21	0.8	0.8	3	3	1	1
1	0.9	123.5	122.5	0.06	0.06	<0.05	<0.05	1.7	1.9	0.025	0.022	0.34	0.37	1.2	1.2	4	5	3	2.5
1.2	1.2	31	31.8	<0.05	<0.05	0.05	0.06	1.5	1.5	0.015	0.016	1.09	1.1	1.2	1.2	<1	<1	1.9	2.2
<0.2	<0.2	50.2	50.1	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	<0.02	<0.02	0.9	0.7	1	2	0.1	0.1
0.2	0.2	89.2	96.9	<0.05	<0.05	<0.05	<0.05	<0.2	0.2	<0.005	<0.005	0.07	0.08	0.4	0.4	2	2	0.2	0.3
<0.2	<0.2	61.5	65.7	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	<0.02	0.02	0.5	0.5	1	2	0.1	0.1
<0.2	<0.2	58.1	61.6	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	<0.02	0.04	0.4	0.4	2	2	0.1	0.1
0.5	0.4	54.3	57.9	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.05	0.07	0.4	0.4	1	2	0.1	0.1
0.4	0.5	47.8	50.2	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.11	0.14	0.3	0.4	3	4	0.2	0.1
0.9	0.8	68.1	75.6	<0.05	<0.05	<0.05	<0.05	0.3	0.3	0.007	0.006	0.15	0.13	0.5	0.6	2	3	0.2	0.2

TR08104051 ME-MS61 Y ppm		TR08104051 ME-MS61 Zr ppm	
Original	Reject	Original	Reject
1	1	<0.5	<0.5
1.7	1.7	3.9	3.8
2.7	2.6	7.2	6
1.8	2	2.9	2.7
13.9	NSS	50.6	NSS
3.4	3.3	8.7	9.2
2.1	2.1	2.1	2.3
3.1	2.9	1.7	1.7
2.4	2.6	0.8	0.8
2.3	2.6	0.6	0.6
2.5	2.5	0.6	0.6
2.5	2.5	0.5	0.5
1.9	1.8	0.6	0.5
0.4	0.3	<0.5	0.5
0.9	0.8	0.5	0.6
0.2	0.2	<0.5	<0.5
0.5	0.4	0.6	0.8
0.9	0.9	<0.5	<0.5
13.5	NSS	49.5	NSS
1.5	2.1	0.6	0.7
2.4	2.1	0.6	0.5
2.3	2.3	<0.5	<0.5
1.9	1.9	0.7	0.6
2.4	2.4	1.7	1.5
1.9	2	0.9	1
2.2	2.2	1	0.8
1.7	1.7	6.4	5.6
2.8	2.8	13.1	10.1
1.1	1.1	11.2	11.1
0.9	0.9	<0.5	<0.5
1.6	1.7	1.4	1.2
1.7	1.8	0.8	0.6
1.5	1.6	0.6	0.6
1.5	1.6	0.7	0.7
1.4	1.5	0.7	0.7
1.8	2	2	1.8

	Sample	TR08103829 WEI-21 Recvd Wt. kg	TR08103829 ME-MS61 Zn ppm		TR08103829 Zn-OG62 Zn %		TR08103829 Zn-CON02 Zn %		TR08103829 ME-MS61 Ag ppm		TR08103829 ME-MS61 Al %		TR08103829 ME-MS61 As ppm		TR08103829 ME-MS61 Ba ppm		TR08103829 ME-MS61 Be ppm	
		Original	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject
1	G005181	1.87	>10000	>10000	>30.0	>30.0	43.2	*	7.06	6.58	0.09	0.07	22.3	14.5	10	10	0.34	<0.05
2	G005182	2.71	>10000	>10000	9.23	9.21	*	*	2.71	2.44	0.19	0.18	30.2	25.1	20	20	0.28	0.11
3	G005183	1.51	>10000	>10000	10.85	11.05	*	*	0.38	0.39	0.09	0.08	43	43	40	40	0.11	0.1
4	G005184	1.58	>10000	>10000	14.4	14.2	*	*	30.8	28.7	0.12	0.12	18.1	14.9	10	10	0.34	0.1
5	G005185	1.6	778	1530	*	0.09	*	*	0.08	0.19	0.07	0.08	<5	5	10	10	0.08	0.12
6	G005186	3.27	>10000	>10000	5.05	4.83	*	*	0.71	0.67	0.13	0.12	11.3	8.4	30	30	<0.05	0.09
7	G005187	3.39	>10000	>10000	3.38	3.43	*	*	1.38	1.32	0.21	0.21	21.6	18.3	70	70	0.07	0.1
8	G005188	1.59	>10000	>10000	3.14	2.94	*	*	3.07	2.52	0.25	0.24	47.8	40.5	100	100	0.07	0.1
9	G005189	3.93	>10000	>10000	25.2	26.2	*	*	35.6	34.4	0.11	0.11	121	83.4	30	30	0.21	<0.05
10	G005190	0.92	>10000	>10000	18.2	19.25	*	*	10.4	9.41	0.11	0.11	33	31.1	30	30	0.22	<0.05
11	G005191	1.48	916	1320	*	0.04	*	*	0.09	0.12	0.06	0.07	<5	9	10	10	0.08	0.12
12	G005192	2.84	>10000	>10000	8.94	8.77	*	*	1.2	1.16	0.09	0.09	10.4	7.9	40	40	0.08	0.12
13	G005193	0.12	>10000	NSS	1.3	NSS	*	*	>100	NSS	5.37	NSS	4170	NSS	330	NSS	1	NSS
14	G005194	3.38	>10000	>10000	5.1	5.4	*	*	4.21	2.94	0.1	0.09	23	20	40	40	0.28	0.12
15	G005195	3.77	>10000	>10000	1.24	1.51	*	*	1.23	1.26	0.04	0.04	9	12	30	30	0.12	0.14
16	G005196	2.96	6060	5780	*	0.65	*	*	0.14	0.15	0.03	0.03	5	<5	20	20	0.17	0.16
17	G005197	2.96	3800	3850	*	0.4	*	*	0.05	0.08	0.03	0.03	6	7	30	30	0.14	0.15
18	G005198	3.36	5520	5820	*	0.61	*	*	0.4	0.37	0.06	0.07	6	12	40	40	0.17	0.19
19	G005199	3.01	599	733	*	0.06	*	*	0.1	0.17	0.18	0.18	9	13	130	130	0.22	0.19
20	G005200	3.12	478	552	*	0.05	*	*	0.27	0.34	0.36	0.37	19	27	220	240	0.32	0.24
21	G005201	2.84	2570	2930	*	0.3	*	*	0.31	0.41	0.08	0.09	9	13	180	200	0.13	0.17
22	G005202	3.27	6390	6640	*	0.69	*	*	0.7	0.7	0.09	0.1	19	25	170	190	0.15	0.13
23	G005203	2.11	2950	3120	*	0.34	*	*	0.19	0.27	0.04	0.04	8	14	30	30	0.1	0.11
24	G005204	1.84	>10000	>10000	10	9.65	*	*	7.23	6	0.34	0.35	38.2	29.8	170	160	0.15	0.09
25	G005205	3.27	6690	7300	*	0.79	*	*	0.5	0.5	0.15	0.16	18	24	60	70	0.13	0.22
26	G005206	2.71	6880	7750	*	0.84	*	*	0.15	0.17	0.19	0.2	19	26	50	60	0.14	0.23
27	G005207	3.2	4800	4990	*	0.54	*	*	0.22	0.34	0.09	0.09	19	27	30	30	0.15	0.1
28	G005208	1.98	688	781	*	0.09	*	*	0.04	0.12	0.05	0.05	<5	9	10	10	0.17	0.16
29	G005209	0.94	1100	1130	*	0.11	*	*	0.05	0.05	0.05	0.06	<5	9	10	10	0.16	0.16
30	G005210	3.67	6150	6510	*	0.72	*	*	0.19	0.24	0.09	0.1	10	12	20	20	0.14	0.13
31	G005211	3.35	3730	4230	*	0.42	*	*	0.14	0.3	0.06	0.07	7	13	10	20	0.1	0.13
32	G005212	3.27	6710	7550	*	0.81	*	*	0.43	0.52	0.03	0.04	12	22	20	20	0.11	0.11
33	G005213	3.5	1040	1170	*	0.11	*	*	0.05	0.1	0.06	0.06	7	11	20	20	0.15	0.12
34	G005214	0.12	>10000	NSS	1.31	NSS	*	*	>100	NSS	5.32	NSS	4090	NSS	300	NSS	1.05	NSS
35	G005215	3.65	874	1070	*	0.1	*	*	0.17	0.15	0.17	0.19	13	15	30	40	0.18	0.14
36	G005216	3.37	823	902	*	0.09	*	*	0.06	0.18	0.06	0.06	8	<5	20	20	0.13	0.08

TR08103829 ME-MS61 Bi ppm		TR08103829 ME-MS61 Ca %		TR08103829 ME-MS61 Cd ppm		TR08103829 ME-MS61 Ce ppm		TR08103829 ME-MS61 Co ppm		TR08103829 ME-MS61 Cr ppm		TR08103829 ME-MS61 Cs ppm		TR08103829 ME-MS61 Cu ppm		TR08103829 ME-MS61 Fe %		TR08103829 ME-MS61 Ga ppm	
Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject
0.23	0.29	0.04	0.04	>1000	>1000	0.53	0.5	0.7	0.4	7	4	0.22	0.22	67.2	53.2	0.3	0.21	4.99	3.61
0.1	0.03	3.46	3.35	276	275	3.07	2.84	1.6	1.2	22	20	0.16	0.15	47.5	34.3	0.54	0.5	2.5	1.19
0.04	0.01	11.6	12.3	489	492	3.44	3.45	1.4	1.1	5	4	0.05	0.05	34	30.2	0.67	0.64	1.8	1.67
0.06	0.01	4.01	3.92	370	381	1.91	1.79	1.2	0.9	14	12	0.08	0.11	85.6	71.9	0.47	0.44	2.41	1.21
0.03	0.02	18.35	18.3	3.63	4.65	1.25	1.28	1.2	1	2	1	0.12	0.13	2.5	2.9	0.39	0.39	0.33	0.3
0.02	0.03	0.6	0.56	119	105.5	1.5	1.39	1	0.9	32	32	0.1	0.08	20.2	16.2	0.42	0.41	1.02	0.91
0.03	0.05	0.45	0.74	90.5	83.2	4.06	4.02	1.5	1.4	47	74	0.14	0.13	27.4	24.1	0.67	0.62	1.52	1.5
0.03	0.02	0.43	0.42	94.4	80	5.78	5.75	2	1.9	22	17	0.15	0.14	55.3	44.8	1.22	1.24	2.67	2.28
0.04	0.06	0.13	0.14	788	803	1.01	0.95	0.8	0.8	27	27	0.19	0.23	380	410	0.47	0.41	16.65	14.95
0.12	0.08	0.11	0.1	754	739	1.06	0.95	0.6	0.6	13	9	0.13	0.14	180	174	0.35	0.34	4	3.63
0.03	0.03	18.55	19	3.42	2.83	1.45	1.5	1.2	1	4	2	0.14	0.13	2.8	2.2	0.42	0.41	0.29	0.31
0.01	0.01	8.27	8.45	235	243	3.06	3.15	1.2	1.1	16	7	0.06	0.06	23	19.7	0.44	0.35	1.35	1.32
0.14	NSS	2.21	NSS	133	NSS	28.7	NSS	14.7	NSS	47	NSS	4.49	NSS	450	NSS	7.27	NSS	14.65	NSS
<0.01	0.01	10.1	11.2	119	117.5	3.5	3.44	1	0.8	6	4	<0.05	0.05	51.7	46.9	0.38	0.36	2.93	2.45
0.01	0.01	16.8	17.6	37.2	37.4	3.79	3.87	0.9	0.7	2	2	<0.05	<0.05	15.9	15.2	0.45	0.45	0.73	0.86
0.04	0.02	17.2	18.2	25.6	20.7	3.54	3.31	0.9	0.7	2	4	<0.05	<0.05	3	2.1	0.52	0.5	0.24	0.26
0.01	<0.01	17.65	18.35	5.17	4.25	3.24	3.21	0.9	0.6	2	1	<0.05	<0.05	2.3	1.5	0.57	0.56	0.19	0.2
0.01	<0.01	16.85	18	18.45	14.65	3.56	3.5	0.8	0.6	2	2	<0.05	<0.05	7.3	6.3	0.5	0.49	0.43	0.47
0.01	0.01	17.7	17.75	0.43	0.57	7.88	8.02	1.3	1	3	2	0.18	0.17	2.6	2.4	0.6	0.56	0.95	0.98
0.02	0.02	17.05	17.45	0.55	0.55	11.2	11.65	1.9	1.7	4	3	0.34	0.35	3.7	3.4	0.79	0.8	1.82	1.89
0.01	0.07	16.4	18.45	3.8	3.71	3.82	4.05	1.1	1	4	4	0.05	0.05	3.2	3	0.55	0.56	0.46	0.56
0.01	0.01	16.35	17.85	14.15	12.05	5.73	5.94	1.8	1.6	2	2	0.06	0.06	8.1	7.8	1.03	1.06	0.78	0.82
0.01	0.03	15.75	17.2	2.81	2.44	1.88	1.86	1.1	0.9	2	2	<0.05	<0.05	3	2.5	0.72	0.68	0.2	0.25
0.03	0.02	1.84	1.8	210	204	3.79	3.71	2.5	2.4	18	13	0.2	0.23	95	88.5	0.77	0.8	4.16	3.37
0.02	0.02	15.9	16.85	13.3	11.5	4.81	4.66	2	1.7	4	2	0.11	0.1	12.3	11.4	0.95	0.89	1.05	1.07
0.03	0.02	16.15	17.4	8.03	7.38	6.06	6.01	1.8	1.7	2	2	0.17	0.17	6.1	6.1	0.91	0.94	0.58	0.65
0.01	0.01	16.1	17	11.05	9.66	3.34	3	1.5	1.2	2	2	0.09	0.08	8.5	8.4	0.98	1	0.55	0.59
0.01	0.01	17.65	18.7	0.69	0.61	1.72	1.66	1	0.7	1	1	<0.05	<0.05	1.9	1.7	0.56	0.56	0.17	0.26
0.04	0.02	17.6	20	1.51	1.26	1.67	1.74	0.9	0.8	1	2	<0.05	<0.05	2.7	2.4	0.54	0.56	0.2	0.32
0.02	0.02	16.4	18.15	14.55	12.3	3.06	2.96	1	0.9	2	2	0.07	0.07	11.4	9.4	0.73	0.72	0.67	0.69
0.01	<0.01	16.95	18.6	6.6	6.01	2.49	2.5	0.9	0.8	2	2	<0.05	<0.05	5.8	5.5	0.73	0.75	0.39	0.48
0.01	0.02	17.1	18.15	16.45	15.3	2.24	2.14	0.9	0.8	1	1	<0.05	<0.05	9.8	10.2	0.93	0.94	0.41	0.46
0.01	0.01	17.25	18.05	0.41	0.31	2.49	2.49	1	0.7	1	2	<0.05	<0.05	1.9	1.5	0.81	0.82	0.21	0.28
0.13	NSS	2.2	NSS	131.5	NSS	28.4	NSS	14.4	NSS	45	NSS	4.48	NSS	452	NSS	7.23	NSS	14.8	NSS
0.02	0.01	16.95	18.4	0.8	0.74	5.22	4.91	1	0.9	2	2	0.14	0.15	2.2	1.8	0.76	0.77	0.45	0.64
0.02	0.02	17.8	18.55	0.26	0.2	2.56	2.39	0.8	0.7	5	1	<0.05	<0.05	1.7	1.4	0.65	0.64	0.16	0.29

TR08103829 ME-MS61 Ge ppm		TR08103829 ME-MS61 Hf ppm		TR08103829 ME-MS61 In ppm		TR08103829 ME-MS61 K %		TR08103829 ME-MS61 La ppm		TR08103829 ME-MS61 Li ppm		TR08103829 ME-MS61 Mg %		TR08103829 ME-MS61 Mn ppm		TR08103829 ME-MS61 Mo ppm		TR08103829 ME-MS61 Na %	
Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject
6.84	12.55	<0.1	<0.1	<0.005	0.008	0.01	0.02	<0.5	<0.5	9.2	9.2	0.02	0.02	26	11	0.3	0.26	0.01	<0.01
0.47	0.07	0.1	0.1	<0.005	0.014	0.04	0.04	1.7	1.6	22	22.7	1.85	1.8	164	157	0.43	0.34	0.01	<0.01
0.09	0.07	<0.1	0.1	0.016	0.014	0.01	0.02	2.1	2.2	5.4	5.8	7.38	7.36	465	471	0.21	0.17	0.02	0.01
0.52	0.1	<0.1	<0.1	0.028	0.011	0.02	0.02	1	1	14.6	14.8	2.27	2.2	210	203	0.28	0.25	<0.01	<0.01
0.11	0.14	<0.1	<0.1	0.005	0.008	0.02	0.02	0.6	0.8	1	1.1	12.05	12.1	176	179	0.09	0.08	0.01	0.01
0.08	0.05	<0.1	<0.1	0.012	0.014	0.02	0.02	0.9	0.8	16	14.6	0.3	0.28	89	80	0.41	0.32	<0.01	<0.01
0.07	0.06	0.1	0.1	0.022	0.019	0.04	0.04	2.4	2.4	23	21.9	0.21	0.37	62	53	0.5	0.6	<0.01	<0.01
0.08	0.07	0.1	0.1	0.038	0.032	0.04	0.04	3.4	3.3	30.7	29.5	0.18	0.18	50	43	0.39	0.31	0.01	0.01
0.41	1.31	<0.1	0.7	0.52	0.511	0.01	0.02	0.6	0.5	17.6	17	0.05	0.05	30	23	0.24	1.91	<0.01	<0.01
0.11	0.06	<0.1	<0.1	0.064	0.052	0.01	0.01	0.6	0.6	20.9	12.2	0.04	0.04	44	39	0.17	0.19	<0.01	<0.01
0.07	0.13	<0.1	<0.1	0.005	0.011	0.02	0.02	0.7	0.8	1.1	1.1	12.15	12.5	188	193	0.54	0.09	0.01	0.01
0.07	0.07	<0.1	<0.1	0.016	0.019	0.01	0.01	1.9	2	15.8	17.3	4.77	4.82	302	295	0.27	0.17	0.01	<0.01
0.23	NSS	1.3	NSS	0.361	NSS	1.62	NSS	13.7	NSS	21.4	NSS	0.81	NSS	1310	NSS	7.71	NSS	1.12	NSS
0.26	0.09	0.1	0.1	<0.005	0.022	0.01	0.01	2.1	2.1	15.4	16	6.58	6.73	302	303	0.15	0.16	0.01	<0.01
0.06	0.16	<0.1	<0.1	0.005	0.012	0.01	0.01	2.6	2.9	2.5	2.8	11.25	11.55	467	480	0.11	0.1	0.01	0.01
0.08	0.19	<0.1	<0.1	0.009	<0.005	0.01	0.01	2.5	2.6	2.2	1.9	11.4	11.65	499	508	0.12	0.09	0.01	0.01
0.1	0.17	<0.1	<0.1	0.006	<0.005	0.01	0.01	2.3	2.5	1.9	1.9	11.6	12.05	557	578	0.08	0.06	0.01	0.01
0.09	0.16	<0.1	<0.1	0.008	0.007	0.02	0.02	2.4	2.5	3.7	3.5	11	11.45	474	490	0.12	0.15	0.01	0.01
0.11	0.15	0.1	0.2	<0.005	0.005	0.08	0.07	4.9	5.1	5.9	5.3	11.65	11.7	521	520	0.23	0.21	0.01	0.01
0.1	0.13	0.4	0.4	<0.005	0.005	0.16	0.16	6.9	7.3	8.6	8	11.2	11.45	534	548	0.46	0.52	0.02	0.01
0.09	0.18	0.1	0.1	<0.005	0.006	0.02	0.02	2.5	2.6	3.4	3.3	10.85	11.85	482	521	0.16	0.16	0.01	0.01
0.08	0.1	0.1	0.1	0.005	0.007	0.03	0.03	3.8	4.1	4.1	3.7	10.7	11.1	717	744	0.3	0.31	0.01	0.01
0.08	0.12	<0.1	<0.1	<0.005	0.007	0.01	0.01	1.2	1.4	5.4	4.8	10.4	10.8	553	561	0.15	0.16	0.01	0.01
0.35	<0.05	0.2	0.2	<0.005	0.015	0.11	0.11	2.3	2.3	18.9	18.7	0.99	0.98	92	90	0.24	0.37	0.01	<0.01
0.08	0.09	0.1	0.1	0.005	<0.005	0.03	0.03	3	3.1	3.8	3.2	10.35	10.6	618	619	0.28	0.21	0.01	0.01
0.08	0.1	0.1	0.2	<0.005	0.006	0.07	0.08	3.8	3.7	5.3	4.8	10.6	10.9	609	627	0.48	0.37	0.01	0.01
0.08	0.09	0.1	0.1	<0.005	0.008	0.04	0.03	2.1	2	4.1	3.1	10.6	11.05	682	701	0.2	0.17	0.01	0.01
0.07	0.16	<0.1	<0.1	<0.005	<0.005	0.02	0.02	1.2	1.2	2.9	2.4	11.7	12.05	513	521	0.16	0.16	0.01	0.01
0.09	0.2	<0.1	<0.1	<0.005	<0.005	0.01	0.02	1.1	1.3	2.6	2.3	11.6	12.5	493	530	0.11	0.09	0.02	0.02
0.11	0.14	<0.1	<0.1	0.008	0.012	0.04	0.04	2	2	3.7	3.2	10.75	11.55	572	598	0.11	0.11	0.01	0.01
0.09	0.15	<0.1	<0.1	<0.005	0.006	0.02	0.02	1.6	1.8	2.9	2.2	11.25	11.85	685	711	0.15	0.13	0.01	0.01
0.08	0.12	<0.1	<0.1	<0.005	0.009	0.01	0.01	1.5	1.6	2.2	1.7	11.25	11.7	717	735	0.09	0.08	0.01	0.01
0.08	0.12	<0.1	<0.1	<0.005	<0.005	0.02	0.02	1.7	1.8	2.6	2	11.25	11.95	726	754	0.19	0.33	0.01	0.01
0.2	NSS	1.2	NSS	0.367	NSS	1.61	NSS	13.7	NSS	21.3	NSS	0.81	NSS	1300	NSS	7.48	NSS	1.13	NSS
<0.05	0.15	0.1	0.1	<0.005	0.005	0.07	0.08	3.1	3.2	4.1	3.2	11.2	11.85	647	675	0.16	0.29	0.01	0.01
0.07	0.16	<0.1	<0.1	<0.005	<0.005	0.02	0.02	1.7	1.6	2.6	2	11.65	12.1	623	645	0.09	0.07	0.01	0.01

TR08103829 ME-MS61 Nb ppm		TR08103829 ME-MS61 Ni ppm		TR08103829 ME-MS61 P ppm		TR08103829 ME-MS61 Pb ppm		TR08103829 ME-MS61 Rb ppm		TR08103829 ME-MS61 Re ppm		TR08103829 ME-MS61 S %		TR08103829 ME-MS61 Sb ppm		TR08103829 ME-MS61 Sc ppm		TR08103829 ME-MS61 Se ppm	
Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject
0.2	0.1	6.5	0.8	60	60	447	467	1.1	0.8	<0.002	<0.002	>10.0	>10.0	123	122	0.4	<0.1	36	35
0.5	0.3	8	3.2	650	640	996	1010	1.8	1.3	<0.002	<0.002	3.75	3.65	370	348	0.7	0.2	11	10
0.2	0.2	2.4	0.7	150	150	331	345	0.6	0.3	<0.002	<0.002	0.79	0.77	72.3	80.5	0.7	0.5	10	11
0.2	0.2	4.7	1.9	380	360	62.2	55.4	0.9	0.7	<0.002	<0.002	5.41	5.41	22.9	22.6	0.3	0.2	13	13
0.2	0.2	3.6	1.3	170	170	4.1	4.4	1.1	0.8	<0.002	<0.002	0.03	0.03	0.7	0.9	0.4	0.3	2	2
0.3	0.2	4.8	3.6	170	180	51.4	49.2	0.7	0.5	<0.002	<0.002	0.67	0.67	26.5	27.3	0.2	0.1	5	6
0.4	0.4	4.8	4.8	250	270	59.4	53.2	1.7	1.4	<0.002	<0.002	0.88	0.89	32.4	32.8	0.2	0.1	4	4
0.5	0.4	5.5	4.2	280	290	60.6	57.7	1.7	1.6	<0.002	<0.002	1.71	1.7	48.2	49.1	0.2	<0.1	4	4
0.2	0.9	5.4	2.6	110	90	1705	1750	0.6	0.5	<0.002	<0.002	>10.0	>10.0	713	725	0.7	<0.1	23	20
0.2	0.1	3.2	1.4	70	60	2290	2200	0.5	0.5	<0.002	<0.002	6.4	6.27	568	529	0.7	<0.1	17	16
0.3	0.2	3.7	1.3	150	160	11.1	11.4	1.2	0.9	<0.002	<0.002	0.05	0.05	3.62	3.49	0.5	0.3	2	2
0.2	0.2	5.2	1.5	70	80	82.9	84.9	0.5	0.2	<0.002	<0.002	1.23	1.19	29.5	31.7	0.3	0.2	8	8
5.6	NSS	27.6	NSS	470	NSS	8290	NSS	123.5	NSS	0.01	NSS	5.78	NSS	113	NSS	13.3	NSS	23	NSS
0.3	0.2	3	1.1	110	120	45	25.4	0.9	0.1	<0.002	<0.002	1.48	1.57	26.8	28.2	1	0.2	6	6
0.1	0.1	1.6	0.2	60	70	11.5	10.6	0.4	<0.1	<0.002	<0.002	0.44	0.46	12.75	14.9	0.3	0.2	3	4
0.1	0.1	1.6	<0.2	60	70	8.9	5.7	0.2	<0.1	<0.002	<0.002	0.15	0.13	11.25	10.45	0.3	0.2	3	3
0.1	0.1	1.6	<0.2	60	60	3.2	2.3	0.2	<0.1	<0.002	<0.002	0.12	0.13	9.63	10	0.2	0.1	2	2
0.2	0.2	1.6	0.2	100	110	62	59	0.7	0.3	<0.002	<0.002	0.32	0.3	27.1	28.6	0.3	0.2	3	3
0.6	0.5	2.4	0.7	190	190	5.7	5	3.2	2.8	<0.002	<0.002	0.15	0.15	5.42	5.54	0.6	0.5	2	2
1	1	3.1	1.3	300	320	9.8	9.6	6.2	6.1	<0.002	<0.002	0.33	0.35	6.4	7.27	1	0.9	2	2
0.3	0.3	2.7	0.9	280	300	4.1	3.1	0.8	0.5	<0.002	<0.002	0.21	0.23	2	2.08	0.4	0.3	2	3
0.5	0.5	3	1.4	230	240	7.1	6.5	1	0.7	<0.002	<0.002	0.67	0.67	3.59	3.92	0.5	0.4	3	3
0.2	0.2	1.9	0.6	50	40	4	3.4	0.3	<0.1	<0.002	<0.002	0.24	0.24	1.68	1.73	0.5	0.4	2	2
0.7	0.7	6	4.6	270	260	47.9	28	4.1	4	<0.002	<0.002	4.98	4.86	15.1	14.5	<0.1	0.1	11	9
0.5	0.4	4.4	2.2	100	100	13.7	13.9	1.3	0.9	<0.002	<0.002	0.68	0.65	5.57	5.9	0.5	0.4	3	3
0.5	0.5	3.2	2.1	90	100	13.7	13.3	2.9	2.7	<0.002	<0.002	0.56	0.6	4.22	4.73	0.6	0.5	3	3
0.3	0.2	2.7	1	120	120	11.3	11.6	1.4	0.9	<0.002	<0.002	0.65	0.68	3.75	3.95	0.4	0.3	2	2
0.2	0.1	1.3	0.4	40	40	3.1	2.6	0.5	0.2	<0.002	<0.002	0.13	0.14	0.71	0.68	0.2	0.1	2	2
0.1	0.1	1.2	0.4	40	50	2.9	2.6	0.5	0.1	<0.002	<0.002	0.14	0.14	0.6	0.61	0.2	0.2	2	3
0.2	0.2	1.9	1.2	240	250	21.4	14	1.3	0.9	<0.002	<0.002	0.56	0.57	7.92	5.46	0.3	0.2	3	3
0.2	0.2	1.9	1.3	60	60	9	9.3	0.7	0.4	<0.002	<0.002	0.24	0.25	3.15	3.32	0.3	0.3	2	3
0.1	0.1	1.6	0.7	60	60	9.4	9.5	0.3	<0.1	<0.002	<0.002	0.56	0.61	3.37	3.65	0.2	0.2	3	3
0.1	0.1	1.6	1	50	60	5.1	5	0.7	0.4	<0.002	<0.002	0.15	0.16	0.93	0.94	0.2	0.2	2	2
5.7	NSS	30.2	NSS	470	NSS	8140	NSS	124.5	NSS	0.011	NSS	5.74	NSS	111.5	NSS	13	NSS	23	NSS
0.3	0.4	1.9	1.2	210	260	9.1	6	2.7	2.5	<0.002	<0.002	0.2	0.21	1.09	1.13	0.4	0.3	2	2
0.2	0.1	3.2	1.2	70	70	3.8	3.1	0.7	0.4	<0.002	<0.002	0.1	0.1	0.54	0.49	0.2	0.2	2	2

TR08103829 ME-MS61 Sn ppm		TR08103829 ME-MS61 Sr ppm		TR08103829 ME-MS61 Ta ppm		TR08103829 ME-MS61 Te ppm		TR08103829 ME-MS61 Th ppm		TR08103829 ME-MS61 Ti %		TR08103829 ME-MS61 Tl ppm		TR08103829 ME-MS61 U ppm		TR08103829 ME-MS61 V ppm		TR08103829 ME-MS61 W ppm	
Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject	Original	Reject
1	1.2	1.9	1.3	<0.05	0.09	0.07	<0.05	<0.2	<0.2	<0.005	<0.005	1.21	1.04	0.1	0.1	<1	<1	0.1	0.2
1	0.4	15.8	15.9	<0.05	<0.05	<0.05	<0.05	1	0.8	0.007	0.007	0.38	0.3	1	0.9	1	1	0.3	0.3
<0.2	<0.2	44	48.3	<0.05	<0.05	<0.05	0.06	0.3	0.3	0.005	0.005	0.11	0.09	0.5	0.5	2	1	0.3	0.3
0.9	0.3	15	15.3	<0.05	<0.05	<0.05	<0.05	0.5	0.4	<0.005	<0.005	0.46	0.41	0.6	0.5	1	<1	0.1	0.2
<0.2	<0.2	54.3	59.5	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	<0.02	<0.02	0.5	0.8	2	<1	0.1	0.1
0.3	0.3	11.7	12	<0.05	<0.05	<0.05	<0.05	0.3	0.2	<0.005	0.005	0.18	0.14	0.5	0.4	1	1	0.4	0.3
0.4	0.5	28.1	30.6	<0.05	<0.05	<0.05	<0.05	0.5	0.4	0.007	0.008	0.21	0.19	0.9	0.8	1	2	0.6	0.6
0.5	0.5	41.3	43.6	<0.05	<0.05	<0.05	<0.05	0.6	0.5	0.009	0.009	0.58	0.5	1	0.9	1	1	0.4	0.5
5.6	6.9	10.7	10.4	<0.05	0.73	<0.05	0.76	0.2	<0.2	<0.005	<0.005	1.24	1.07	0.4	0.3	<1	<1	0.3	0.3
2.8	0.9	9.4	9	<0.05	<0.05	0.06	<0.05	<0.2	<0.2	<0.005	<0.005	0.82	0.78	0.3	0.3	<1	<1	0.8	0.7
<0.2	<0.2	54.8	58.6	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	<0.02	<0.02	0.7	0.8	2	1	0.1	0.1
0.2	0.2	38.2	42.8	<0.05	<0.05	<0.05	<0.05	0.2	0.2	<0.005	<0.005	0.16	0.13	0.3	0.3	1	<1	0.2	0.2
11.2	NSS	206	NSS	0.38	NSS	0.05	NSS	3.6	NSS	0.27	NSS	2.36	NSS	2.7	NSS	93	NSS	3.1	NSS
0.9	0.3	54.8	59.2	<0.05	<0.05	0.05	<0.05	0.3	0.3	0.005	<0.005	0.18	0.16	0.5	0.4	1	<1	0.2	0.2
<0.2	<0.2	67	76	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.05	0.05	0.3	0.3	<1	<1	0.3	0.3
<0.2	<0.2	55.8	57.9	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.04	0.02	0.4	0.4	<1	<1	0.1	0.1
<0.2	<0.2	54.1	59	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.04	0.03	0.5	0.4	<1	<1	0.1	0.1
<0.2	<0.2	73.6	79.7	<0.05	<0.05	<0.05	<0.05	0.2	<0.2	<0.005	<0.005	0.06	0.05	0.6	0.6	1	<1	0.3	0.2
<0.2	<0.2	143.5	145	<0.05	<0.05	<0.05	<0.05	0.5	0.5	0.011	0.011	0.08	0.07	0.9	0.9	3	2	0.6	0.6
0.2	0.2	213	214	0.06	0.06	<0.05	0.06	1.3	1.3	0.024	0.025	0.16	0.15	1.2	1.3	5	4	1.2	1.3
<0.2	<0.2	148	159	<0.05	<0.05	<0.05	<0.05	0.3	0.3	0.005	0.005	0.05	0.05	0.8	0.8	2	2	0.4	0.4
<0.2	0.2	145	153.5	<0.05	<0.05	<0.05	<0.05	0.5	0.5	0.009	0.01	0.24	0.18	0.8	0.8	3	2	1.1	1.1
<0.2	<0.2	69.4	75.2	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.04	0.02	0.4	0.4	2	<1	0.5	0.4
1.2	0.5	71	69.7	<0.05	0.05	<0.05	<0.05	1.2	1.1	0.017	0.017	0.72	0.68	1.1	1.1	2	1	1.6	1.4
<0.2	<0.2	107	110	<0.05	<0.05	<0.05	<0.05	0.4	0.4	0.009	0.01	0.15	0.14	0.8	0.9	3	2	0.7	0.6
<0.2	<0.2	96.9	103	<0.05	<0.05	<0.05	<0.05	0.5	0.5	0.009	0.011	0.09	0.09	0.7	0.7	3	3	0.4	0.4
<0.2	<0.2	70.7	72.5	<0.05	<0.05	<0.05	0.06	0.2	0.2	<0.005	0.005	0.06	0.05	0.6	0.6	2	1	0.2	0.2
<0.2	<0.2	69.4	72.2	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.03	0.02	0.4	0.4	<1	<1	0.1	0.1
<0.2	<0.2	65.1	72.4	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.03	0.02	0.4	0.4	1	<1	0.1	0.1
<0.2	<0.2	70.1	74.9	<0.05	<0.05	<0.05	0.07	0.2	0.2	<0.005	<0.005	0.06	0.05	0.6	0.6	2	2	0.2	0.2
<0.2	<0.2	54.7	59.7	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.05	0.05	0.4	0.4	1	<1	0.1	0.1
<0.2	<0.2	62.9	66.7	<0.05	<0.05	<0.05	0.05	<0.2	<0.2	<0.005	<0.005	0.06	0.05	0.4	0.3	1	<1	0.1	0.1
<0.2	<0.2	66.8	74.2	<0.05	<0.05	<0.05	0.06	<0.2	<0.2	<0.005	<0.005	0.04	0.03	0.4	0.4	1	<1	0.1	0.1
11.3	NSS	206	NSS	0.38	NSS	<0.05	NSS	3.5	NSS	0.268	NSS	2.34	NSS	2.6	NSS	91	NSS	3.2	NSS
<0.2	<0.2	80.8	87.7	<0.05	<0.05	<0.05	0.06	0.3	0.3	0.007	0.007	0.06	0.05	0.7	0.8	3	2	0.4	0.4
<0.2	<0.2	59.7	62.2	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.005	<0.005	0.02	0.02	0.5	0.5	3	2	0.2	0.1

TR08103829 ME-MS61 Y ppm		TR08103829 ME-MS61 Zn ppm		TR08103829 ME-MS61 Zr ppm	
Original	Reject	Original	Reject	Original	Reject
0.2	0.2	>10000	>10000	0.7	0.7
1.6	1.6	>10000	>10000	3.2	2.9
1.4	1.6	>10000	>10000	2	2
1	1	>10000	>10000	1.6	1.5
1	1	778	1530	<0.5	0.6
0.5	0.5	>10000	>10000	1.2	1.3
0.8	0.8	>10000	>10000	3.1	3.1
1	1	>10000	>10000	4.5	4.3
0.3	0.3	>10000	>10000	0.7	0.8
0.2	0.2	>10000	>10000	0.8	0.8
1.1	1.2	916	1320	0.5	0.7
1.4	1.5	>10000	>10000	1.3	1.4
13.3	NSS	>10000	NSS	40	NSS
1.5	1.6	>10000	>10000	2.4	2.5
2.6	2.8	>10000	>10000	0.9	1
2.8	2.8	6060	5780	0.6	0.6
3	3.1	3800	3850	0.7	0.7
2.8	3	5520	5820	1.1	1
3.7	3.9	599	733	5	5.4
4.2	4.6	478	552	13.1	14.2
2.7	3	2570	2930	2.6	3.1
2.8	3.1	6390	6640	5.1	5.2
1.6	1.7	2950	3120	1.1	1.2
0.9	0.9	>10000	>10000	6.1	6.2
2.6	2.7	6690	7300	5.1	5.5
2.7	2.9	6880	7750	4.9	5.8
2.2	2.2	4800	4990	2.5	2.3
1.6	1.6	688	781	1	0.9
1.7	1.8	1100	1130	0.9	0.9
2.4	2.5	6150	6510	1.8	1.4
2	2.1	3730	4230	1.2	1.2
2	2.1	6710	7550	0.6	0.6
2.2	2.4	1040	1170	1	0.9
13.4	NSS	>10000	NSS	38.3	NSS
2.6	2.8	874	1070	3.1	3.3
2.2	2.2	823	902	1.4	1

APPENDIX IV

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

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

Finalized Date: 17-NOV-2008
This copy reported on 18-NOV-2008
Account: F

CERTIFICATE TR08135673

Project: F_TR08098522REJ
P.O. No.: 602
This report is for 10 Other samples submitted to our lab in Terrace, BC, Canada on 23-SEP-2008.
The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

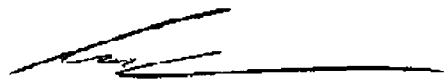
ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ARCHER, CATHRO AND 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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VANCOUVER BC V6B 1L8

Project: F_TR08098522REJ

CERTIFICATE OF ANALYSIS TR08135673

Sample Description	Method	Zn-OG62	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	Zn	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
G005253		21.5	8.21	0.17	14.5	30	<0.05	0.04	0.07	474	0.78	0.9	16	0.17	41.5	0.54
G005254		>30.0	18.45	0.13	28	20	<0.05	0.03	0.07	765	0.78	1	17	0.2	134	0.46
G005255		15.80	12.9	0.22	18.3	30	<0.05	0.03	0.16	362	1.34	1.2	29	0.22	63.9	0.63
G005256		5.91	5.83	0.26	9.5	50	0.07	0.02	0.82	120.5	2.24	1.3	29	0.24	25.7	0.45
G005257		0.07	0.04	0.06	<5	10	0.06	0.04	21	1.14	1.15	1	2	0.14	3	0.42
G005258		2.42	0.69	0.16	10	120	0.14	0.01	16.75	27.1	1.92	1.4	4	0.09	8.1	0.67
G005259		2.23	0.64	0.22	16	20	0.09	0.04	8.42	36.4	2.07	1.5	17	0.19	13.8	0.72
G005260		1.20	0.26	0.12	13	30	0.17	0.02	18.9	26.7	2.43	1.1	5	0.09	9.3	0.57
G005261		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005262		0.58	0.16	0.18	9	30	0.15	0.05	18.3	10.85	3.08	1.2	6	0.16	9.3	0.47

Comments: **REJECT FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE TR08098522.**

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

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

Finalized Date: 17-NOV-2008
Account: F

Project: F_TR08098522REJ

CERTIFICATE OF ANALYSIS TR08135673

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	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
G005253		2.5	0.08	0.1	0.006	0.03	<0.5	15.2	0.03	66	0.28	<0.01	0.2	2.8	60	24.2
G005254		3.99	0.86	0.1	0.024	0.03	<0.5	14.8	0.04	22	0.24	<0.01	0.2	3.3	60	11.4
G005255		2.29	0.07	0.1	0.012	0.05	0.7	20.4	0.07	28	0.44	<0.01	0.3	3.2	110	13.2
G005256		1.05	<0.05	0.2	<0.005	0.07	1.3	27.8	0.42	46	0.36	<0.01	0.5	3.1	150	6.6
G005257		0.23	<0.05	<0.1	0.005	0.02	0.5	1	12.8	193	0.09	0.01	0.2	2.3	200	1.8
G005258		0.59	<0.05	0.1	<0.005	0.03	1.1	6.8	10.05	575	0.09	0.01	0.2	1.9	120	4.2
G005259		1.05	<0.05	0.1	0.005	0.07	1.2	19.6	4.86	336	0.23	0.01	0.4	2.3	140	5.9
G005260		0.84	<0.05	0.1	<0.005	0.04	1.6	5.3	11.35	514	0.1	0.01	0.2	1.2	60	4.7
G005261		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005262		0.99	<0.05	0.1	0.013	0.07	2	7.3	11.05	445	0.73	0.01	0.4	2	60	3.8

Comments: **REJECT FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE TR08098522.**

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

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

Finalized Date: 17-NOV-2008
Account: F

Project: F_TR08098522REJ

CERTIFICATE OF ANALYSIS TR08135673

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	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
G005253		1.2	<0.002	9.34	23.3	0.1	12	0.2	3.7	<0.05	<0.05	0.2	<0.005	0.62	0.4	<1
G005254		1.2	<0.002	>10.0	18.45	0.1	21	0.4	1.9	<0.05	<0.05	0.2	<0.005	0.66	0.4	<1
G005255		1.9	<0.002	7.58	16.6	0.1	10	0.3	5.2	<0.05	<0.05	0.4	0.006	0.34	0.7	1
G005256		2.6	<0.002	2.68	6.74	0.2	4	0.2	12.6	<0.05	<0.05	0.6	0.012	0.17	1.2	2
G005257		1.1	<0.002	0.05	0.26	0.4	1	<0.2	54.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.7	2
G005258		1.2	<0.002	0.57	3.7	0.5	3	<0.2	91.5	<0.05	<0.05	0.2	<0.005	0.07	0.6	4
G005259		2.6	<0.002	1.16	2.63	0.5	3	0.2	20.9	<0.05	<0.05	0.5	0.01	0.21	1.1	4
G005260		1.6	<0.002	0.5	2.24	0.3	2	<0.2	72.4	<0.05	<0.05	0.2	0.005	0.05	0.5	3
G005261		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005262		2.7	<0.002	0.25	2.67	0.4	2	0.2	67.1	<0.05	<0.05	0.4	0.008	0.07	0.7	5

Comments: **REJECT FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE TR08098522.**

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

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

Finalized Date: 17-NOV-2008
Account: F

Project: F_TR08098522REJ

CERTIFICATE OF ANALYSIS TR08135673

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm
	LOR	0.1	0.1	2	0.5
G005253		0.5	0.3	>10000	1.8
G005254		0.2	0.2	>10000	1.6
G005255		0.2	0.4	>10000	2.8
G005256		0.4	0.5	>10000	4.9
G005257		0.1	0.9	501	<0.5
G005258		0.2	1.1	>10000	1.9
G005259		0.3	0.7	>10000	4
G005260		0.2	1.4	>10000	2
G005261		NSS	NSS	NSS	NSS
G005262		0.2	1.6	5050	3.4

Comments: **REJECT FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE TR08098522.**

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

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1016-510 W HASTINGS ST
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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 17-NOV-2008
Account: F

Project: F_TR08098522REJ

CERTIFICATE OF ANALYSIS TR08135673

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.
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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1016-510 W HASTINGS ST
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Finalized Date: 17-NOV-2008
This copy reported on 18-NOV-2008
Account: F

CERTIFICATE TR08135672

Project: F_TR08098523REJ
P.O. No.: 602
This report is for 36 Other samples submitted to our lab in Terrace, BC, Canada on 23-SEP-2008.
The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

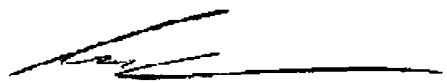
ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: **ARCHER, CATHRO AND 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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Project: F_TR08098523REJ

CERTIFICATE OF ANALYSIS TR08135672

Sample Description	Method	Zn-OG62	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	Zn	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
G005217		0.12	0.01	0.08	<5	20	0.09	0.15	18.55	0.05	2.24	1.1	3	0.06	4.1	0.7
G005218		0.08	0.01	0.07	<5	10	0.09	0.18	17.9	0.04	2.05	0.8	2	0.05	2.1	0.68
G005219		0.02	0.02	0.05	<5	10	0.09	0.07	18.45	0.07	2.14	0.8	2	<0.05	1.9	0.81
G005220		0.02	0.03	0.04	5	20	0.1	0.04	18.05	0.06	1.77	0.8	2	<0.05	1.8	0.81
G005221		0.02	0.01	0.05	5	20	0.09	0.03	17.3	0.04	1.78	0.8	2	<0.05	1.9	0.74
G005222		0.04	0.03	0.09	8	20	0.19	0.15	18.1	0.47	4.49	1.1	3	0.07	2.5	0.72
G005223		6.93	1.17	0.07	11	30	0.1	0.03	15.8	126.5	3.79	0.9	3	0.07	74.1	0.71
G005224		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005225		0.58	0.12	0.13	8	40	0.15	0.05	17.95	10.35	5.62	1.2	2	0.11	6.9	0.76
G005226		1.27	0.49	0.09	13	40	0.1	0.02	15.1	19.05	2.79	1.3	3	0.06	9.5	0.84
G005227		17.70	8.88	0.16	159	10	0.05	0.07	2.05	477	0.86	0.4	12	0.27	86.6	0.31
G005228		1.60	0.18	0.07	7	30	0.14	0.04	16.1	31.1	2.69	0.9	3	0.05	7	0.5
G005229		0.71	0.07	0.08	8	20	0.08	0.02	14.85	14.7	3.16	0.9	4	0.07	3.9	0.56
G005230		0.77	1.55	0.11	48.1	20	<0.05	0.03	2.02	432	1.04	0.7	10	0.16	5.9	0.7
G005231		16.40	1.68	0.12	52.1	20	<0.05	0.03	2.36	455	1.08	0.8	13	0.16	63	0.77
G005232		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005233		0.34	0.03	0.09	10	60	0.12	0.02	15.85	4.55	3.6	1.1	3	0.07	2.8	0.72
G005234		0.35	0.02	0.08	8	90	0.15	0.01	18.65	6.21	3.71	1	4	0.05	2.9	0.67
G005235		1.16	0.07	0.06	9	60	0.15	0.01	17.45	19.1	2.76	1.2	3	<0.05	6.7	0.67
G005236		0.80	0.08	0.06	14	40	0.14	0.01	17.15	15.45	3.42	1.3	3	<0.05	6	0.84
G005237		2.66	0.34	0.06	10	20	0.06	0.03	14.65	32.5	2.78	1.5	2	<0.05	13.5	0.8
G005238		17.30	8.88	0.15	48.5	10	<0.05	0.03	0.58	416	0.76	0.5	20	0.15	143.5	0.35
G005239		13.90	3.76	0.12	23.8	20	0.06	0.02	6.33	327	2.27	1.3	9	0.08	93.5	0.44
G005240		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005241		16.30	3.44	0.12	19.8	10	<0.05	0.02	4.8	360	1.04	0.6	10	0.13	75.8	0.36
G005242		10.40	2.93	0.15	25.8	10	<0.05	0.01	2.43	232	0.69	0.6	16	0.11	55.4	0.38
G005243		4.09	1.1	0.09	9	10	0.08	0.03	10.6	76	1.69	1.1	8	0.06	22.5	0.59
G005244		0.69	0.03	0.05	6	80	0.1	0.01	17.4	10.15	2.51	1.2	1	<0.05	3.8	0.6
G005245		24.1	21.5	0.1	64.4	40	<0.05	0.02	2.9	582	0.55	0.6	10	0.15	206	0.41
G005246		0.10	0.05	0.14	<5	40	0.34	0.03	18.35	1.71	1.15	1.4	5	0.3	4.4	0.42
G005247		0.61	0.09	0.06	6	20	0.11	0.02	15.95	11.25	2.14	0.8	2	<0.05	3.8	0.53
G005248		4.08	1.38	0.1	8	10	0.06	0.01	9.69	89.2	1.05	0.5	5	0.07	22.4	0.47
G005249		2.23	0.58	0.15	10	50	0.06	0.01	10.6	40.9	1.92	0.9	7	0.13	12.3	0.73
G005250		9.36	2.51	0.29	15	80	0.05	0.02	1.08	191	3.19	1.2	20	0.28	47.4	0.7
G005251		10.40	5.5	0.21	16	40	<0.05	0.02	0.78	215	1.46	1.3	31	0.18	62.1	0.74
G005252		0.05	0.02	0.08	<5	10	0.09	0.02	19.05	1.03	1.3	1.1	2	0.19	1.9	0.42

Comments: **REJECT FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE TR08098523.**

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

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Finalized Date: 17-NOV-2008
Account: F

Project: F_TR08098523REJ

CERTIFICATE OF ANALYSIS TR08135672

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
G005217		0.27	<0.05	<0.1	<0.005	0.02	1.5	2.7	11.75	648	0.15	0.01	0.2	4	160	3.7
G005218		0.26	<0.05	<0.1	<0.005	0.02	1.3	2.9	11.45	651	0.08	0.01	0.2	3	60	2.4
G005219		0.19	<0.05	<0.1	<0.005	0.01	1.4	2.3	11.8	751	0.06	0.01	0.1	2.5	80	2.4
G005220		0.21	<0.05	<0.1	<0.005	0.01	1.2	2.4	11.4	718	0.09	0.01	0.1	2.4	50	7
G005221		0.2	<0.05	<0.1	<0.005	0.01	1.2	2.8	11.05	631	0.09	0.01	0.1	2.3	60	7.2
G005222		0.37	<0.05	0.1	<0.005	0.03	2.8	4.3	11.4	593	0.14	0.01	0.2	2.6	140	3.5
G005223		4.26	0.09	<0.1	0.035	0.03	2.4	3.8	9.82	610	0.12	0.01	0.2	2.3	90	5.5
G005224		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005225		0.7	0.05	0.1	<0.005	0.05	3.4	4.9	11.4	632	0.18	0.01	0.3	2.6	130	5.2
G005226		0.62	<0.05	<0.1	0.006	0.02	1.7	6.4	9.72	551	0.14	0.01	0.3	2.3	90	7.7
G005227		1.02	0.22	<0.1	0.012	0.02	1.1	19.2	1.1	69	0.23	0.01	0.1	1.3	60	>10000
G005228		0.36	<0.05	<0.1	<0.005	0.02	1.6	5.3	10.2	446	0.1	0.01	0.2	2	70	153.5
G005229		0.28	<0.05	<0.1	<0.005	0.02	2	7.3	9.47	458	0.22	0.01	0.2	2.1	120	115
G005230		0.62	0.21	<0.1	0.009	0.02	0.6	13.4	1.08	88	0.49	0.01	0.2	1.8	100	1925
G005231		0.67	0.23	<0.1	0.011	0.02	0.7	14	1.28	101	0.48	0.01	0.2	2.4	100	2030
G005232		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005233		0.28	<0.05	<0.1	<0.005	0.02	2.2	6.8	9.98	589	0.24	0.01	0.2	2.4	120	20
G005234		0.25	<0.05	<0.1	<0.005	0.02	2.4	3.3	11.7	627	0.15	0.01	0.2	2.2	120	10.6
G005235		0.28	<0.05	<0.1	<0.005	0.01	1.8	3.7	11.05	592	0.12	0.01	0.2	2.3	90	5.6
G005236		0.33	<0.05	<0.1	<0.005	0.01	2.1	3.9	10.85	743	0.14	0.01	0.2	2.7	70	8.2
G005237		0.42	<0.05	<0.1	<0.005	0.01	1.7	7	9.42	604	0.17	0.01	0.2	2.4	60	88.4
G005238		2.69	0.9	<0.1	0.057	0.02	<0.5	21.5	0.29	45	0.37	0.01	0.1	1.6	50	2390
G005239		2.3	0.19	<0.1	0.034	0.01	1.3	22.1	3.57	257	0.16	0.01	0.1	2.4	100	549
G005240		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005241		1.06	0.17	<0.1	0.015	0.02	0.6	22.7	2.72	144	0.2	0.01	0.1	1.4	100	764
G005242		0.89	0.07	<0.1	0.014	0.01	<0.5	31.4	1.34	94	0.41	0.01	0.1	1.8	60	871
G005243		0.46	0.06	<0.1	<0.005	0.01	1.1	17.9	6.45	550	0.14	0.01	0.1	2	40	169
G005244		0.28	<0.05	<0.1	<0.005	0.01	1.7	3	11.2	591	0.07	0.01	0.2	2.4	90	6.2
G005245		7.76	0.06	<0.1	0.253	0.02	<0.5	16.1	1.59	126	0.27	0.01	0.1	1.6	50	843
G005246		0.41	<0.05	<0.1	0.005	0.05	0.6	2	11.75	203	0.08	0.01	0.3	4.7	180	4.7
G005247		0.28	<0.05	<0.1	<0.005	0.01	1.5	5.9	10.2	522	0.12	0.01	0.2	1.9	70	6.1
G005248		0.41	0.05	<0.1	0.007	0.01	0.6	17.3	5.67	343	0.14	0.01	0.1	1.3	40	102
G005249		0.65	<0.05	0.1	<0.005	0.04	1	12.9	6.25	423	0.22	0.01	0.3	1.9	150	4.5
G005250		1.26	0.2	0.1	0.005	0.09	1.8	21.5	0.55	46	0.57	0.01	0.6	2.8	310	18.5
G005251		1.1	0.17	0.1	0.011	0.05	0.9	22.1	0.38	37	0.48	0.01	0.3	3.3	210	12.2
G005252		0.28	<0.05	<0.1	<0.005	0.03	0.6	1.2	12.25	196	0.1	0.01	0.3	2.9	180	1.4

Comments: **REJECT FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE TR08098523.**

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Finalized Date: 17-NOV-2008
Account: F

Project: F_TR08098523REJ

CERTIFICATE OF ANALYSIS TR08135672

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
G005217		1	<0.002	0.09	0.56	<0.1	2	<0.2	59.8	<0.05	<0.05	<0.2	<0.005	0.03	0.5	5
G005218		0.8	<0.002	0.07	0.19	<0.1	2	<0.2	51.9	<0.05	<0.05	<0.2	<0.005	0.02	0.4	4
G005219		0.5	<0.002	0.1	0.17	<0.1	2	<0.2	61.7	<0.05	<0.05	<0.2	<0.005	0.02	0.5	4
G005220		0.4	<0.002	0.15	0.34	<0.1	2	<0.2	57.6	<0.05	<0.05	<0.2	<0.005	0.03	0.4	3
G005221		0.5	<0.002	0.14	0.27	<0.1	2	<0.2	55.6	<0.05	<0.05	<0.2	<0.005	0.03	0.5	3
G005222		1.3	<0.002	0.26	0.47	<0.1	2	<0.2	67	<0.05	<0.05	0.2	0.005	0.05	0.7	3
G005223		0.9	<0.002	3.95	2.61	<0.1	7	0.3	56.7	<0.05	<0.05	0.2	<0.005	0.15	0.6	2
G005224		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005225		1.8	<0.002	0.64	0.79	<0.1	2	<0.2	66.7	<0.05	<0.05	0.3	0.007	0.07	0.8	3
G005226		0.8	<0.002	0.83	6.58	<0.1	3	<0.2	58.2	<0.05	<0.05	0.2	<0.005	0.08	0.6	2
G005227		0.8	<0.002	9.23	7810	<0.1	15	0.3	8.4	<0.05	<0.05	<0.2	<0.005	1.55	0.4	<1
G005228		0.6	<0.002	0.36	35.8	<0.1	3	<0.2	51.4	<0.05	<0.05	<0.2	<0.005	0.07	0.5	2
G005229		0.8	<0.002	0.28	46.1	<0.1	2	<0.2	53.3	<0.05	<0.05	<0.2	<0.005	0.07	0.6	2
G005230		0.8	<0.002	7.75	599	<0.1	13	<0.2	11	<0.05	<0.05	<0.2	<0.005	0.69	0.3	<1
G005231		0.9	<0.002	8.27	640	<0.1	14	<0.2	12.5	<0.05	<0.05	<0.2	<0.005	0.72	0.4	<1
G005232		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005233		0.9	<0.002	0.4	7.44	<0.1	2	<0.2	69.1	<0.05	<0.05	0.2	<0.005	0.07	0.6	3
G005234		0.7	<0.002	0.22	4.93	<0.1	2	<0.2	82.9	<0.05	<0.05	<0.2	0.005	0.05	0.7	3
G005235		0.5	<0.002	0.33	4.1	<0.1	3	<0.2	64.5	<0.05	<0.05	<0.2	<0.005	0.06	0.6	2
G005236		0.5	<0.002	0.41	2.63	<0.1	2	<0.2	55.5	<0.05	<0.05	<0.2	<0.005	0.07	0.6	3
G005237		0.3	<0.002	0.74	30.2	<0.1	3	<0.2	44	<0.05	<0.05	<0.2	<0.005	0.1	0.5	2
G005238		0.7	<0.002	7.33	789	<0.1	13	0.7	5.3	<0.05	<0.05	<0.2	<0.005	0.75	0.3	<1
G005239		0.6	<0.002	4.32	143	<0.1	11	0.4	19.7	<0.05	<0.05	<0.2	<0.005	0.42	0.4	<1
G005240		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005241		0.6	<0.002	8.02	145.5	<0.1	13	0.2	13.2	<0.05	<0.05	<0.2	<0.005	0.41	0.4	<1
G005242		0.5	<0.002	5.05	285	<0.1	9	<0.2	9.2	<0.05	<0.05	<0.2	<0.005	0.32	0.4	<1
G005243		0.3	<0.002	1.54	55.7	<0.1	4	<0.2	28.1	<0.05	<0.05	<0.2	<0.005	0.13	0.4	1
G005244		0.3	<0.002	0.11	5.37	<0.1	2	<0.2	63.9	<0.05	<0.05	<0.2	<0.005	0.03	0.5	2
G005245		0.6	<0.002	>10.0	295	<0.1	19	1.7	17.6	<0.05	<0.05	<0.2	<0.005	0.79	0.2	<1
G005246		2.1	<0.002	0.05	1.11	<0.1	2	<0.2	48.6	<0.05	<0.05	<0.2	0.005	<0.02	0.5	4
G005247		0.4	<0.002	0.17	1.9	<0.1	2	<0.2	53.4	<0.05	<0.05	<0.2	<0.005	0.04	0.5	2
G005248		0.3	<0.002	2.13	42	<0.1	4	<0.2	26.7	<0.05	<0.05	<0.2	<0.005	0.12	0.5	1
G005249		1.5	<0.002	1.26	5.01	<0.1	3	<0.2	41.9	<0.05	<0.05	0.3	0.006	0.11	0.7	4
G005250		3.3	<0.002	4.8	12.35	<0.1	8	0.2	32	<0.05	<0.05	0.8	0.014	0.25	1.3	2
G005251		1.7	<0.002	5.16	6.53	<0.1	8	0.2	14.1	<0.05	<0.05	0.5	0.007	0.28	1.1	1
G005252		1.3	<0.002	0.04	0.05	<0.1	2	<0.2	51.7	<0.05	<0.05	0.2	<0.005	<0.02	2.9	3

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CERTIFICATE OF ANALYSIS TR08135672

Sample Description	Method / Analyte / Units / LOR	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.01
G005217		0.1	1.9	1225	1.5	
G005218		0.2	1.6	853	1.4	
G005219		0.1	1.7	255	0.8	
G005220		0.1	1.5	217	0.7	
G005221		0.1	1.5	172	0.8	
G005222		0.2	2.9	392	1.8	
G005223		0.1	2.6	>10000	1.3	
G005224		NSS	NSS	NSS	NSS	
G005225		0.2	2.8	5360	2.5	
G005226		0.2	1.6	>10000	1.5	
G005227		0.1	0.4	>10000	0.7	1.85
G005228		0.1	1.7	>10000	1	
G005229		0.1	2.1	6360	1.1	
G005230		0.3	0.4	>10000	0.8	
G005231		0.3	0.5	>10000	0.9	
G005232		NSS	NSS	NSS	NSS	
G005233		0.2	2.2	3590	1.6	
G005234		0.2	2.7	3720	1.1	
G005235		0.2	1.9	10000	1.1	
G005236		0.2	2.6	7250	0.9	
G005237		0.1	2.1	>10000	0.9	
G005238		0.1	2.4	>10000	0.8	
G005239		0.1	1.5	>10000	0.8	
G005240		NSS	NSS	NSS	NSS	
G005241		0.1	0.9	>10000	0.6	
G005242		0.1	0.3	>10000	0.7	
G005243		0.2	1.2	>10000	0.6	
G005244		0.1	1.9	6010	0.7	
G005245		0.3	0.4	>10000	<0.5	
G005246		0.1	0.9	951	<0.5	
G005247		0.1	1.6	5370	1	
G005248		0.1	0.8	>10000	0.8	
G005249		0.2	1.1	>10000	2.2	
G005250		0.4	0.8	>10000	4.9	
G005251		0.2	0.5	>10000	2.9	
G005252		0.1	0.9	665	<0.5	

Comments: **REJECT FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE TR08098523.**

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

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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 17-NOV-2008
Account: F

Project: F_TR08098523REJ

CERTIFICATE OF ANALYSIS TR08135672

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.
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: 6-NOV-2008
This copy reported on 18-NOV-2008
Account: F

CERTIFICATE TR08135671

Project: F_TR08103829REJ
P.O. No.: 602
This report is for 36 Other samples submitted to our lab in Terrace, BC, Canada on 23-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
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

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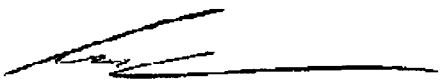
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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Project: F_TR08103829REJ

CERTIFICATE OF ANALYSIS TR08135671

Sample Description	Method	Zn-OG62	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	Zn	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
G005181		>30.0	6.58	0.07	14.5	10	<0.05	0.29	0.04	>1000	0.5	0.4	4	0.22	53.2	0.21
G005182		9.21	2.44	0.18	25.1	20	0.11	0.03	3.35	275	2.84	1.2	20	0.15	34.3	0.5
G005183		11.05	0.39	0.08	43	40	0.1	0.01	12.3	492	3.45	1.1	4	0.05	30.2	0.64
G005184		14.20	28.7	0.12	14.9	10	0.1	0.01	3.92	381	1.79	0.9	12	0.11	71.9	0.44
G005185		0.09	0.19	0.08	5	10	0.12	0.02	18.3	4.65	1.28	1	1	0.13	2.9	0.39
G005186		4.83	0.67	0.12	8.4	30	0.09	0.03	0.56	105.5	1.39	0.9	32	0.08	16.2	0.41
G005187		3.43	1.32	0.21	18.3	70	0.1	0.05	0.74	83.2	4.02	1.4	74	0.13	24.1	0.62
G005188		2.94	2.52	0.24	40.5	100	0.1	0.02	0.42	80	5.75	1.9	17	0.14	44.8	1.24
G005189		26.2	34.4	0.11	83.4	30	<0.05	0.06	0.14	803	0.95	0.8	27	0.23	410	0.41
G005190		19.25	9.41	0.11	31.1	30	<0.05	0.08	0.1	739	0.95	0.6	9	0.14	174	0.34
G005191		0.04	0.12	0.07	9	10	0.12	0.03	19	2.83	1.5	1	2	0.13	2.2	0.41
G005192		8.77	1.16	0.09	7.9	40	0.12	0.01	8.45	243	3.15	1.1	7	0.06	19.7	0.35
G005193		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005194		5.40	2.94	0.09	20	40	0.12	0.01	11.2	117.5	3.44	0.8	4	0.05	46.9	0.36
G005195		1.51	1.26	0.04	12	30	0.14	0.01	17.6	37.4	3.87	0.7	2	<0.05	15.2	0.45
G005196		0.65	0.15	0.03	<5	20	0.16	0.02	18.2	20.7	3.31	0.7	4	<0.05	2.1	0.5
G005197		0.40	0.08	0.03	7	30	0.15	<0.01	18.35	4.25	3.21	0.6	1	<0.05	1.5	0.56
G005198		0.61	0.37	0.07	12	40	0.19	<0.01	18	14.65	3.5	0.6	2	<0.05	6.3	0.49
G005199		0.06	0.17	0.18	13	130	0.19	0.01	17.75	0.57	8.02	1	2	0.17	2.4	0.56
G005200		0.05	0.34	0.37	27	240	0.24	0.02	17.45	0.55	11.65	1.7	3	0.35	3.4	0.8
G005201		0.30	0.41	0.09	13	200	0.17	0.07	18.45	3.71	4.05	1	4	0.05	3	0.56
G005202		0.69	0.7	0.1	25	190	0.13	0.01	17.85	12.05	5.94	1.6	2	0.06	7.8	1.06
G005203		0.34	0.27	0.04	14	30	0.11	0.03	17.2	2.44	1.86	0.9	2	<0.05	2.5	0.68
G005204		9.65	6	0.35	29.8	160	0.09	0.02	1.8	204	3.71	2.4	13	0.23	88.5	0.8
G005205		0.79	0.5	0.16	24	70	0.22	0.02	16.85	11.5	4.66	1.7	2	0.1	11.4	0.89
G005206		0.84	0.17	0.2	26	60	0.23	0.02	17.4	7.38	6.01	1.7	2	0.17	6.1	0.94
G005207		0.54	0.34	0.09	27	30	0.1	0.01	17	9.66	3	1.2	2	0.08	8.4	1
G005208		0.09	0.12	0.05	9	10	0.16	0.01	18.7	0.61	1.66	0.7	1	<0.05	1.7	0.56
G005209		0.11	0.05	0.06	9	10	0.16	0.02	20	1.26	1.74	0.8	2	<0.05	2.4	0.56
G005210		0.72	0.24	0.1	12	20	0.13	0.02	18.15	12.3	2.96	0.9	2	0.07	9.4	0.72
G005211		0.42	0.3	0.07	13	20	0.13	<0.01	18.6	6.01	2.5	0.8	2	<0.05	5.5	0.75
G005212		0.81	0.52	0.04	22	20	0.11	0.02	18.15	15.3	2.14	0.8	1	<0.05	10.2	0.94
G005213		0.11	0.1	0.06	11	20	0.12	0.01	18.05	0.31	2.49	0.7	2	<0.05	1.5	0.82
G005214		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005215		0.10	0.15	0.19	15	40	0.14	0.01	18.4	0.74	4.91	0.9	2	0.15	1.8	0.77
G005216		0.09	0.18	0.06	<5	20	0.08	0.02	18.55	0.2	2.39	0.7	1	<0.05	1.4	0.64

Comments: **REJECT FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE TR08103829.**

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Project: F_TR08103829REJ

CERTIFICATE OF ANALYSIS TR08135671

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	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
G005181		3.61	12.55	<0.1	0.008	0.02	<0.5	9.2	0.02	11	0.26	<0.01	0.1	0.8	60	467
G005182		1.19	0.07	0.1	0.014	0.04	1.6	22.7	1.8	157	0.34	<0.01	0.3	3.2	640	1010
G005183		1.67	0.07	0.1	0.014	0.02	2.2	5.8	7.36	471	0.17	0.01	0.2	0.7	150	345
G005184		1.21	0.1	<0.1	0.011	0.02	1	14.8	2.2	203	0.25	<0.01	0.2	1.9	360	55.4
G005185		0.3	0.14	<0.1	0.008	0.02	0.8	1.1	12.1	179	0.08	0.01	0.2	1.3	170	4.4
G005186		0.91	0.05	<0.1	0.014	0.02	0.8	14.6	0.28	80	0.32	<0.01	0.2	3.6	180	49.2
G005187		1.5	0.06	0.1	0.019	0.04	2.4	21.9	0.37	53	0.6	<0.01	0.4	4.8	270	53.2
G005188		2.28	0.07	0.1	0.032	0.04	3.3	29.5	0.18	43	0.31	0.01	0.4	4.2	290	57.7
G005189		14.95	1.31	0.7	0.511	0.02	0.5	17	0.05	23	1.91	<0.01	0.9	2.6	90	1750
G005190		3.63	0.06	<0.1	0.052	0.01	0.6	12.2	0.04	39	0.19	<0.01	0.1	1.4	60	2200
G005191		0.31	0.13	<0.1	0.011	0.02	0.8	1.1	12.5	193	0.09	0.01	0.2	1.3	160	11.4
G005192		1.32	0.07	<0.1	0.019	0.01	2	17.3	4.82	295	0.17	<0.01	0.2	1.5	80	84.9
G005193		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005194		2.45	0.09	0.1	0.022	0.01	2.1	16	6.73	303	0.16	<0.01	0.2	1.1	120	25.4
G005195		0.86	0.16	<0.1	0.012	0.01	2.9	2.8	11.55	480	0.1	0.01	0.1	0.2	70	10.6
G005196		0.26	0.19	<0.1	<0.005	0.01	2.6	1.9	11.65	508	0.09	0.01	0.1	<0.2	70	5.7
G005197		0.2	0.17	<0.1	<0.005	0.01	2.5	1.9	12.05	578	0.06	0.01	0.1	<0.2	60	2.3
G005198		0.47	0.16	<0.1	0.007	0.02	2.5	3.5	11.45	490	0.15	0.01	0.2	0.2	110	59
G005199		0.98	0.15	0.2	0.005	0.07	5.1	5.3	11.7	520	0.21	0.01	0.5	0.7	190	5
G005200		1.89	0.13	0.4	0.005	0.16	7.3	8	11.45	548	0.52	0.01	1	1.3	320	9.6
G005201		0.56	0.18	0.1	0.006	0.02	2.6	3.3	11.85	521	0.16	0.01	0.3	0.9	300	3.1
G005202		0.82	0.1	0.1	0.007	0.03	4.1	3.7	11.1	744	0.31	0.01	0.5	1.4	240	6.5
G005203		0.25	0.12	<0.1	0.007	0.01	1.4	4.8	10.8	561	0.16	0.01	0.2	0.6	40	3.4
G005204		3.37	<0.05	0.2	0.015	0.11	2.3	18.7	0.98	90	0.37	<0.01	0.7	4.6	260	28
G005205		1.07	0.09	0.1	<0.005	0.03	3.1	3.2	10.6	619	0.21	0.01	0.4	2.2	100	13.9
G005206		0.65	0.1	0.2	0.006	0.08	3.7	4.8	10.9	627	0.37	0.01	0.5	2.1	100	13.3
G005207		0.59	0.09	0.1	0.008	0.03	2	3.1	11.05	701	0.17	0.01	0.2	1	120	11.6
G005208		0.26	0.16	<0.1	<0.005	0.02	1.2	2.4	12.05	521	0.16	0.01	0.1	0.4	40	2.6
G005209		0.32	0.2	<0.1	<0.005	0.02	1.3	2.3	12.5	530	0.09	0.02	0.1	0.4	50	2.6
G005210		0.69	0.14	<0.1	0.012	0.04	2	3.2	11.55	598	0.11	0.01	0.2	1.2	250	14
G005211		0.48	0.15	<0.1	0.006	0.02	1.8	2.2	11.85	711	0.13	0.01	0.2	1.3	60	9.3
G005212		0.46	0.12	<0.1	0.009	0.01	1.6	1.7	11.7	735	0.08	0.01	0.1	0.7	60	9.5
G005213		0.28	0.12	<0.1	<0.005	0.02	1.8	2	11.95	754	0.33	0.01	0.1	1	60	5
G005214		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005215		0.64	0.15	0.1	0.005	0.08	3.2	3.2	11.85	675	0.29	0.01	0.4	1.2	260	6
G005216		0.29	0.16	<0.1	<0.005	0.02	1.6	2	12.1	645	0.07	0.01	0.1	1.2	70	3.1

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Project: F_TR08103829REJ

CERTIFICATE OF ANALYSIS TR08135671

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	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
G005181		0.8	<0.002	>10.0	122	<0.1	35	1.2	1.3	0.09	<0.05	<0.2	<0.005	1.04	0.1	<1
G005182		1.3	<0.002	3.65	348	0.2	10	0.4	15.9	<0.05	<0.05	0.8	0.007	0.3	0.9	1
G005183		0.3	<0.002	0.77	80.5	0.5	11	<0.2	48.3	<0.05	0.06	0.3	0.005	0.09	0.5	1
G005184		0.7	<0.002	5.41	22.6	0.2	13	0.3	15.3	<0.05	<0.05	0.4	<0.005	0.41	0.5	<1
G005185		0.8	<0.002	0.03	0.9	0.3	2	<0.2	59.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.8	<1
G005186		0.5	<0.002	0.67	27.3	0.1	6	0.3	12	<0.05	<0.05	0.2	0.005	0.14	0.4	1
G005187		1.4	<0.002	0.89	32.8	0.1	4	0.5	30.6	<0.05	<0.05	0.4	0.008	0.19	0.8	2
G005188		1.6	<0.002	1.7	49.1	<0.1	4	0.5	43.6	<0.05	<0.05	0.5	0.009	0.5	0.9	1
G005189		0.5	<0.002	>10.0	725	<0.1	20	6.9	10.4	0.73	0.76	<0.2	<0.005	1.07	0.3	<1
G005190		0.5	<0.002	6.27	529	<0.1	16	0.9	9	<0.05	<0.05	<0.2	<0.005	0.78	0.3	<1
G005191		0.9	<0.002	0.05	3.49	0.3	2	<0.2	58.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.8	1
G005192		0.2	<0.002	1.19	31.7	0.2	8	0.2	42.8	<0.05	<0.05	0.2	<0.005	0.13	0.3	<1
G005193		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005194		0.1	<0.002	1.57	28.2	0.2	6	0.3	59.2	<0.05	<0.05	0.3	<0.005	0.16	0.4	<1
G005195		<0.1	<0.002	0.46	14.9	0.2	4	<0.2	76	<0.05	<0.05	<0.2	<0.005	0.05	0.3	<1
G005196		<0.1	<0.002	0.13	10.45	0.2	3	<0.2	57.9	<0.05	<0.05	<0.2	<0.005	0.02	0.4	<1
G005197		<0.1	<0.002	0.13	10	0.1	2	<0.2	59	<0.05	<0.05	<0.2	<0.005	0.03	0.4	<1
G005198		0.3	<0.002	0.3	28.6	0.2	3	<0.2	79.7	<0.05	<0.05	<0.2	<0.005	0.05	0.6	<1
G005199		2.8	<0.002	0.15	5.54	0.5	2	<0.2	145	<0.05	<0.05	0.5	0.011	0.07	0.9	2
G005200		6.1	<0.002	0.35	7.27	0.9	2	0.2	214	0.06	0.06	1.3	0.025	0.15	1.3	4
G005201		0.5	<0.002	0.23	2.08	0.3	3	<0.2	159	<0.05	<0.05	0.3	0.005	0.05	0.8	2
G005202		0.7	<0.002	0.67	3.92	0.4	3	0.2	153.5	<0.05	<0.05	0.5	0.01	0.18	0.8	2
G005203		<0.1	<0.002	0.24	1.73	0.4	2	<0.2	75.2	<0.05	<0.05	<0.2	<0.005	0.02	0.4	<1
G005204		4	<0.002	4.86	14.5	0.1	9	0.5	69.7	0.05	<0.05	1.1	0.017	0.68	1.1	1
G005205		0.9	<0.002	0.65	5.9	0.4	3	<0.2	110	<0.05	<0.05	0.4	0.01	0.14	0.9	2
G005206		2.7	<0.002	0.6	4.73	0.5	3	<0.2	103	<0.05	<0.05	0.5	0.011	0.09	0.7	3
G005207		0.9	<0.002	0.68	3.95	0.3	2	<0.2	72.5	<0.05	0.06	0.2	0.005	0.05	0.6	1
G005208		0.2	<0.002	0.14	0.68	0.1	2	<0.2	72.2	<0.05	<0.05	<0.2	<0.005	0.02	0.4	<1
G005209		0.1	<0.002	0.14	0.61	0.2	3	<0.2	72.4	<0.05	<0.05	<0.2	<0.005	0.02	0.4	<1
G005210		0.9	<0.002	0.57	5.46	0.2	3	<0.2	74.9	<0.05	0.07	0.2	<0.005	0.05	0.6	2
G005211		0.4	<0.002	0.25	3.32	0.3	3	<0.2	59.7	<0.05	<0.05	<0.2	<0.005	0.05	0.4	<1
G005212		<0.1	<0.002	0.61	3.65	0.2	3	<0.2	66.7	<0.05	0.05	<0.2	<0.005	0.05	0.3	<1
G005213		0.4	<0.002	0.16	0.94	0.2	2	<0.2	74.2	<0.05	0.06	<0.2	<0.005	0.03	0.4	<1
G005214		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005215		2.5	<0.002	0.21	1.13	0.3	2	<0.2	87.7	<0.05	0.06	0.3	0.007	0.05	0.8	2
G005216		0.4	<0.002	0.1	0.49	0.2	2	<0.2	62.2	<0.05	<0.05	<0.2	<0.005	0.02	0.5	2

Comments: **REJECT FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE TR08103829.**

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

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VANCOUVER BC V6B 1L8

Project: F_TR08103829REJ

CERTIFICATE OF ANALYSIS TR08135671

Sample Description	Method / Analyte / Units / LOR	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
G005181		0.2	0.2	>10000	0.7
G005182		0.3	1.6	>10000	2.9
G005183		0.3	1.6	>10000	2
G005184		0.2	1	>10000	1.5
G005185		0.1	1	1530	0.6
G005186		0.3	0.5	>10000	1.3
G005187		0.6	0.8	>10000	3.1
G005188		0.5	1	>10000	4.3
G005189		0.3	0.3	>10000	0.8
G005190		0.7	0.2	>10000	0.8
G005191		0.1	1.2	1320	0.7
G005192		0.2	1.5	>10000	1.4
G005193		NSS	NSS	NSS	NSS
G005194		0.2	1.6	>10000	2.5
G005195		0.3	2.8	>10000	1
G005196		0.1	2.8	5780	0.6
G005197		0.1	3.1	3850	0.7
G005198		0.2	3	5820	1
G005199		0.6	3.9	733	5.4
G005200		1.3	4.6	552	14.2
G005201		0.4	3	2930	3.1
G005202		1.1	3.1	6640	5.2
G005203		0.4	1.7	3120	1.2
G005204		1.4	0.9	>10000	6.2
G005205		0.6	2.7	7300	5.5
G005206		0.4	2.9	7750	5.8
G005207		0.2	2.2	4990	2.3
G005208		0.1	1.6	781	0.9
G005209		0.1	1.8	1130	0.9
G005210		0.2	2.5	6510	1.4
G005211		0.1	2.1	4230	1.2
G005212		0.1	2.1	7550	0.6
G005213		0.1	2.4	1170	0.9
G005214		NSS	NSS	NSS	NSS
G005215		0.4	2.8	1070	3.3
G005216		0.1	2.2	902	1

Comments: **REJECT FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE TR08103829.**

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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 6-NOV-2008
Account: F

Project: F_TR08103829REJ

CERTIFICATE OF ANALYSIS TR08135671

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.
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: 7-NOV-2008
This copy reported on 18-NOV-2008
Account: F

CERTIFICATE TR08135670

Project: F_TR08104051REJ
P.O. No.: 602
This report is for 36 Other samples submitted to our lab in Terrace, BC, Canada on 23-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
FND-03	Find Reject for Addn Analysis
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ARCHER, CATHRO AND 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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Project: F_TR08104051REJ

CERTIFICATE OF ANALYSIS TR08135670

Sample Description	Method	Zn-OG62	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	Zn	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
G005109		<0.01	0.01	0.06	5	10	0.06	0.18	19.45	0.09	1.38	1.6	<1	0.23	4.2	0.45
G005110		0.28	0.07	0.3	10	70	0.13	0.02	14.25	2.49	4.6	1.4	6	0.31	6.3	0.63
G005111		2.04	0.46	0.31	10	90	0.23	0.02	17.25	49.5	7.48	1.8	3	0.31	15.9	0.66
G005112		1.71	0.39	0.15	14	50	0.14	0.02	17	38.4	3.89	1.4	2	0.16	11.6	0.72
G005113		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005114		0.25	0.05	0.68	27	160	0.43	0.03	16.95	2.94	9.07	2.3	5	0.63	4.8	0.96
G005115		0.06	0.01	0.16	<5	30	0.19	0.11	17	0.31	3.35	1.6	2	0.16	2.4	0.45
G005116		0.60	0.53	0.06	9	50	0.11	0.02	18.1	13.9	4.19	1.2	<1	0.05	12.6	0.65
G005117		2.13	2.32	0.05	14	70	0.14	<0.01	17.45	49.8	3.89	1.2	<1	0.05	29.3	0.69
G005118		1.43	0.45	0.04	15	80	0.16	0.01	17.8	25.7	2.96	1.2	1	<0.05	17.7	0.87
G005119		1.73	0.65	0.04	12	80	0.18	<0.01	17	34.6	2.91	1.1	<1	<0.05	14.4	0.77
G005120		1.28	0.74	0.03	9	80	0.12	<0.01	17.9	30.5	3	1.1	<1	<0.05	11.2	0.61
G005121		2.63	0.38	0.05	7	110	0.15	<0.01	15.65	73	2.83	1.4	2	<0.05	10.4	0.48
G005122		15.10	18.95	0.13	51.85	110	<0.05	0.02	1.47	396	1.08	0.6	6	0.12	158	0.4
G005123		12.75	5.76	0.41	30.5	320	0.13	0.02	2.65	226	5.46	1.3	9	0.22	90.6	0.38
G005124		13.90	11.55	0.21	32.6	90	<0.05	0.03	0.4	429	0.69	0.5	15	0.16	157	0.37
G005125		9.18	2.26	0.12	15.2	30	<0.05	0.02	2.1	178	0.91	1.1	13	0.08	42.5	0.51
G005126		0.09	0.05	0.06	<5	10	0.05	0.02	19.45	1.93	1.27	1.4	<1	0.14	2.9	0.4
G005127		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005128		0.96	0.07	0.04	9	70	0.12	<0.01	17.65	10.15	2.86	1.2	1	<0.05	3.8	0.62
G005129		2.72	0.08	0.03	8	50	0.14	<0.01	17.65	54.6	2.89	1.2	1	<0.05	5	0.58
G005130		2.83	0.17	0.03	11	40	0.12	<0.01	17	30.7	3.3	1.5	<1	<0.05	10.1	0.76
G005131		4.76	7.17	0.04	33	80	0.09	<0.01	16.9	112	2.71	1.5	<1	<0.05	91.3	0.96
G005132		2.17	4.28	0.08	18	170	0.12	<0.01	17.65	46.4	3.96	1.4	1	0.05	46.8	0.73
G005133		0.86	0.08	0.05	9	100	0.14	<0.01	18.35	3.39	2.72	1.3	<1	<0.05	3	0.71
G005134		1.22	0.38	0.07	7	340	0.19	0.11	18.2	11.35	2.92	1.3	<1	<0.05	6.1	0.7
G005135		5.18	2.38	0.23	14	80	0.1	0.01	11.75	132.5	3.06	2.2	2	0.24	55.3	0.98
G005136		16.00	8.34	0.31	29	50	0.14	0.02	13.4	390	3.48	4.1	4	0.36	141	1.49
G005137		>30.0	49.5	0.03	47.35	30	<0.05	0.04	0.85	>1000	1.35	2.9	<1	0.13	1125	1.39
G005138		0.15	0.07	0.08	<5	20	0.07	0.04	20.1	2.23	1.38	1	1	0.13	3.2	0.45
G005139		1.98	0.81	0.05	9	60	0.13	0.01	18.05	44.8	2.2	1.6	<1	<0.05	20.2	0.75
G005140		0.15	0.08	0.04	5	20	0.16	<0.01	18.6	2.6	1.81	1.1	2	<0.05	2.9	0.6
G005141		0.99	0.27	0.04	8	20	0.12	<0.01	16.7	18.45	1.79	1	<1	<0.05	7.4	0.69
G005142		1.08	1.36	0.04	17	10	0.1	<0.01	18.1	27.5	1.78	1.2	<1	<0.05	30.1	0.8
G005143		3.31	4.41	0.05	28	10	0.11	<0.01	14.65	92.6	1.85	1.3	1	<0.05	62.7	0.94
G005144		3.27	3.11	0.13	34	40	0.12	0.01	16.35	79.6	3.48	2.1	1	0.12	82	1.14

Comments: **REJECT FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE TR08104051.**

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Project: F_TR08104051REJ

CERTIFICATE OF ANALYSIS TR08135670

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	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
G005109		0.23	<0.05	<0.1	<0.005	0.02	0.7	0.9	12.15	187	0.13	<0.01	0.2	0.2	170	2.6
G005110		0.8	0.06	0.1	<0.005	0.1	2.7	12.8	8.92	483	0.2	<0.01	0.6	2.1	100	16.3
G005111		1.38	0.06	0.2	<0.005	0.13	4.4	7.4	10.9	506	0.24	<0.01	0.7	0.4	180	7.7
G005112		1.15	0.08	0.1	0.006	0.06	2.5	5	10.55	639	0.17	<0.01	0.3	<0.2	110	58.4
G005113		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005114		1.96	0.07	0.3	<0.005	0.28	5.5	11.3	10.55	674	0.31	<0.01	1	1.7	200	9.6
G005115		0.5	0.05	0.1	0.006	0.06	2	4.5	10.65	406	0.09	<0.01	0.3	<0.2	90	2.9
G005116		0.88	0.08	<0.1	0.009	0.02	2.7	3	11.45	639	0.59	<0.01	0.1	<0.2	80	3.8
G005117		1.56	0.08	<0.1	0.03	0.01	2.6	2.8	11	660	0.12	<0.01	0.1	<0.2	110	6
G005118		0.6	0.08	<0.1	0.005	0.01	2.1	2.4	11.2	630	0.1	<0.01	0.1	<0.2	100	32.3
G005119		0.69	0.06	<0.1	0.005	0.01	2.1	2.5	10.75	599	0.08	<0.01	0.1	<0.2	100	9
G005120		0.61	0.07	<0.1	0.008	0.01	2.1	3	11.45	554	0.06	<0.01	0.1	<0.2	100	3.3
G005121		0.66	0.06	<0.1	<0.005	0.01	2	5.9	9.94	439	0.11	<0.01	0.1	0.5	140	8.9
G005122		4.27	0.05	<0.1	0.094	0.01	0.8	26.6	0.81	76	0.21	<0.01	0.1	1.4	150	3450
G005123		2.66	0.06	<0.1	0.026	0.12	3.8	17.3	1.48	179	0.11	<0.01	0.1	2.3	450	1640
G005124		3.34	0.08	<0.1	0.049	0.05	<0.5	20.2	0.21	47	0.22	<0.01	0.1	1.4	100	1190
G005125		1.07	0.06	<0.1	0.013	0.01	0.5	20.7	1.14	144	0.18	<0.01	0.1	2.2	80	513
G005126		0.28	0.06	<0.1	<0.005	0.03	0.6	1.2	12.35	201	0.08	<0.01	0.2	0.2	190	9.3
G005127		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005128		0.38	0.07	<0.1	<0.005	0.01	2	4.2	11.15	524	0.08	<0.01	0.1	<0.2	100	11.2
G005129		0.49	0.06	<0.1	<0.005	0.01	2	2.8	11.2	553	0.07	<0.01	0.1	<0.2	80	13.2
G005130		0.6	0.07	<0.1	<0.005	0.01	2.4	2.7	10.7	651	0.09	<0.01	0.1	<0.2	100	15.1
G005131		3.31	0.08	<0.1	0.086	0.01	1.8	3.6	10.6	643	0.11	<0.01	0.1	0.3	150	21.4
G005132		2.03	0.07	<0.1	0.05	0.02	2.5	4.2	11.2	611	0.11	<0.01	0.2	0.5	180	20.5
G005133		0.31	0.07	<0.1	<0.005	0.01	1.8	4	11.65	645	0.08	<0.01	0.1	<0.2	110	3
G005134		0.39	0.06	<0.1	0.005	0.01	1.9	4.4	11.55	621	0.09	<0.01	0.1	<0.2	280	2.8
G005135		1.53	0.19	0.2	0.009	0.09	1.6	15.4	7.27	479	0.29	<0.01	0.5	2.4	360	7.9
G005136		3.12	1.79	0.3	0.042	0.15	1.6	6.5	8.25	571	0.57	<0.01	0.8	5	1320	15.4
G005137		3.1	138	0.4	0.097	0.01	0.6	0.9	0.37	48	0.67	0.03	0.6	5.5	730	48.2
G005138		0.39	0.21	<0.1	<0.005	0.03	0.7	1.1	12.9	203	0.13	<0.01	0.2	2.3	290	1.7
G005139		0.78	0.1	<0.1	0.011	0.01	1.4	3.8	11.55	625	0.1	<0.01	0.1	0.8	80	14
G005140		0.3	0.1	<0.1	<0.005	0.01	1.2	3.3	11.85	559	0.07	<0.01	0.1	0.3	60	8
G005141		0.66	0.09	<0.1	0.007	0.01	1.2	3.1	10.55	638	0.07	<0.01	0.1	0.3	60	5.5
G005142		1.4	0.1	<0.1	0.026	0.01	1.2	4.3	11.45	633	0.06	<0.01	0.1	0.6	50	94.2
G005143		2.65	0.08	<0.1	0.044	0.01	1.3	5.2	9.16	554	0.08	<0.01	0.1	0.9	50	10.4
G005144		4.16	0.09	0.1	0.07	0.05	2.3	5.6	10.25	663	0.24	<0.01	0.3	2	80	32.6

Comments: **REJECT FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE TR08104051.**

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

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Project: F_TR08104051REJ

CERTIFICATE OF ANALYSIS TR08135670

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	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
G005109		1.2	<0.002	0.05	0.16	0.5	4	<0.2	50.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	3
G005110		3.7	<0.002	0.27	4.46	0.6	4	0.4	70	<0.05	<0.05	0.6	0.014	0.08	0.7	5
G005111		4.6	<0.002	1.38	3.44	0.8	7	0.2	98.7	0.05	<0.05	0.8	0.016	0.14	1	6
G005112		2.3	<0.002	1.07	2.04	0.6	7	<0.2	80.9	<0.05	<0.05	0.4	0.007	0.09	0.6	5
G005113		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005114		10	<0.002	0.49	5.91	1.5	4	0.2	142	0.15	<0.05	1.3	0.025	0.23	1	15
G005115		2.1	<0.002	0.09	0.51	0.5	3	<0.2	80.1	<0.05	<0.05	0.3	0.007	0.05	0.6	6
G005116		0.7	<0.002	0.31	3.15	0.3	4	<0.2	72.8	<0.05	<0.05	0.2	<0.005	0.07	0.4	2
G005117		0.5	<0.002	1.07	6.75	0.3	7	0.4	79.5	<0.05	<0.05	<0.2	<0.005	0.2	0.5	2
G005118		0.3	<0.002	0.69	17.35	0.4	6	<0.2	83.7	<0.05	<0.05	<0.2	<0.005	0.25	0.5	1
G005119		0.3	<0.002	0.89	6.42	0.4	7	0.2	77.8	<0.05	<0.05	<0.2	<0.005	0.26	0.4	2
G005120		0.2	<0.002	0.53	4.69	0.4	6	<0.2	72.3	<0.05	<0.05	<0.2	<0.005	0.08	0.4	2
G005121		0.2	<0.002	0.38	11.2	0.5	9	<0.2	81.1	<0.05	<0.05	<0.2	<0.005	0.05	0.4	2
G005122		0.5	<0.002	6.89	1255	0.1	33	1.2	41.6	<0.05	<0.05	<0.2	<0.005	0.75	0.4	<1
G005123		4	<0.002	3.13	569	0.2	27	0.6	198	<0.05	<0.05	0.2	<0.005	0.43	0.5	1
G005124		1.6	<0.002	6.21	178	0.1	31	0.7	28	<0.05	<0.05	<0.2	<0.005	0.6	0.3	<1
G005125		0.5	<0.002	2.45	132	0.2	20	0.5	17.6	<0.05	<0.05	<0.2	<0.005	0.21	0.3	1
G005126		1.1	<0.002	0.02	1.61	0.4	3	<0.2	48	<0.05	<0.05	<0.2	<0.005	<0.02	0.7	2
G005127		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005128		0.2	<0.002	0.16	8.63	0.5	5	<0.2	69.5	<0.05	<0.05	<0.2	<0.005	0.03	0.4	2
G005129		0.2	<0.002	0.18	9.77	0.4	8	<0.2	66.7	<0.05	<0.05	<0.2	<0.005	0.02	0.3	2
G005130		0.2	<0.002	0.5	12.6	0.4	9	<0.2	62.4	<0.05	<0.05	<0.2	<0.005	0.04	0.3	2
G005131		0.2	<0.002	2.66	25.8	0.4	12	1.1	78.7	<0.05	<0.05	<0.2	<0.005	0.14	0.3	2
G005132		0.8	<0.002	0.95	18.1	0.5	8	0.6	110.5	<0.05	<0.05	0.2	<0.005	0.1	0.5	3
G005133		0.4	<0.002	0.12	6.84	0.4	5	<0.2	70.5	<0.05	<0.05	<0.2	<0.005	0.02	0.4	2
G005134		0.4	<0.002	0.31	4.48	0.4	6	<0.2	128	<0.05	<0.05	0.2	<0.005	0.03	0.6	2
G005135		3.8	<0.002	3.16	4.17	0.5	13	0.3	78.7	<0.05	<0.05	1	0.012	0.21	0.8	3
G005136		6.1	<0.002	8.8	10.75	0.7	35	0.9	122.5	0.06	<0.05	1.9	0.022	0.37	1.2	5
G005137		0.5	<0.002	>10.0	26.7	<0.1	49	1.2	31.8	<0.05	0.06	1.5	0.016	1.1	1.2	<1
G005138		1.1	<0.002	0.06	0.19	0.4	1	<0.2	54.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.7	3
G005139		0.6	<0.002	1.11	7.64	0.4	8	0.2	96.9	<0.05	<0.05	0.2	<0.005	0.08	0.4	2
G005140		0.3	<0.002	0.17	0.84	0.3	4	<0.2	65.7	<0.05	<0.05	<0.2	<0.005	0.02	0.5	2
G005141		0.4	<0.002	0.63	1.6	0.2	5	<0.2	61.6	<0.05	<0.05	<0.2	<0.005	0.04	0.4	2
G005142		0.3	<0.002	0.82	22.2	0.3	6	0.4	57.9	<0.05	<0.05	<0.2	<0.005	0.07	0.4	2
G005143		0.4	<0.002	2.28	15.95	0.4	10	0.5	50.2	<0.05	<0.05	<0.2	<0.005	0.14	0.4	4
G005144		1.9	<0.002	2.49	29.7	0.4	11	0.8	75.6	<0.05	<0.05	0.3	0.006	0.13	0.6	3

Comments: **REJECT FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE TR08104051.**

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Project: F_TR08104051REJ

CERTIFICATE OF ANALYSIS TR08135670

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm
	LOR	0.1	0.1	2	0.5
G005109		1	1	24	<0.5
G005110		0.4	1.7	2890	3.8
G005111		0.6	2.6	>10000	6
G005112		0.3	2	>10000	2.7
G005113		NSS	NSS	NSS	NSS
G005114		0.8	3.3	2580	9.2
G005115		0.2	2.1	649	2.3
G005116		0.2	2.9	5330	1.7
G005117		0.2	2.6	>10000	0.8
G005118		0.2	2.6	>10000	0.6
G005119		0.2	2.5	>10000	0.6
G005120		0.1	2.5	>10000	0.5
G005121		0.1	1.8	>10000	0.5
G005122		0.2	0.3	>10000	0.5
G005123		0.4	0.8	>10000	0.6
G005124		0.2	0.2	>10000	<0.5
G005125		0.4	0.4	>10000	0.8
G005126		0.1	0.9	682	<0.5
G005127		NSS	NSS	NSS	NSS
G005128		0.2	2.1	7920	0.7
G005129		0.1	2.1	>10000	0.5
G005130		0.1	2.3	>10000	<0.5
G005131		0.1	1.9	>10000	0.6
G005132		0.2	2.4	>10000	1.5
G005133		0.2	2	7410	1
G005134		0.2	2.2	>10000	0.8
G005135		1	1.7	>10000	5.6
G005136		2.5	2.8	>10000	10.1
G005137		2.2	1.1	>10000	11.1
G005138		0.1	1.1	854	0.7
G005139		0.3	1.7	>10000	1.2
G005140		0.1	1.8	1360	0.6
G005141		0.1	1.6	8110	0.6
G005142		0.1	1.6	9330	0.7
G005143		0.1	1.5	>10000	0.7
G005144		0.2	2	>10000	1.8

Comments: **REJECT FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE TR08104051.**

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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 7-NOV-2008
Account: F

Project: F_TR08104051REJ

CERTIFICATE OF ANALYSIS TR08135670

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.
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: 5-NOV-2008
This copy reported on 18-NOV-2008
Account: F

CERTIFICATE VA08134948

Project: F_VA08091370REJ
P.O. No.: G02

This report is for 36 Other samples submitted to our lab in Vancouver, BC, Canada on 23-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
FND-03	Find Reject for Addn Analysis
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Zn-CON01	Zn Concentrate	AAS
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

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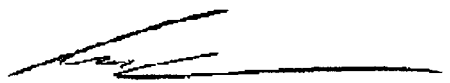
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 5-NOV-2008
Account: F

Project: F_VA08091370REJ

CERTIFICATE OF ANALYSIS VA08134948

Sample Description	Method	Zn-OG62	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	Zn	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
G005001		1.43	0.49	0.12	21	20	0.13	0.06	18.1	107	3.18	1.3	2	0.1	30.4	1.23
G005002		5.18	1.27	0.06	31	10	0.06	0.04	15.7	173	2.07	1	1	0.14	97.6	1.39
G005003		2.78	0.32	0.07	24	10	0.06	0.04	17.35	157.5	2.66	1.2	3	0.05	36.6	1.33
G005004		1.88	0.13	0.09	13	50	<0.05	0.03	17.5	289	5.55	1.2	3	0.07	11.8	0.96
G005005		4.36	0.25	0.05	<5	30	0.08	0.03	16.9	217	2.49	1.1	1	<0.05	17.7	0.78
G005006		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005007		13.65	3.14	0.06	39	120	0.09	0.03	13.05	831	2.69	1.2	4	0.05	213	1.29
G005008		4.37	0.94	0.06	15	20	0.16	0.04	17.8	254	2.98	1.9	2	<0.05	32.8	0.99
G005009		5.37	1.59	0.06	36	30	0.07	0.11	18.1	165	2.71	2.6	1	0.05	74.7	1.24
G005010		4.02	0.63	0.06	25	40	0.08	0.02	17.35	249	2.33	1.7	<1	0.05	33.5	1.12
G005011		4.57	1.53	0.06	38	40	0.1	0.01	17.5	284	2.33	1.9	<1	0.06	47.3	1.41
G005012		6.16	1.88	0.06	36	20	0.06	0.07	16.3	192.5	1.81	2.3	1	0.09	66.9	1.25
G005013		>30.0	51.4	0.04	199.5	10	<0.05	0.02	1.65	>1000	0.24	2.4	<1	0.24	826	2.67
G005014		5.51	0.12	0.06	10	10	0.07	0.02	21.4	4.86	1.09	1.1	3	0.32	4.6	0.47
G005015		3.55	1.45	0.05	24	20	0.11	0.01	18.45	87.8	1.72	1.5	<1	0.06	52.3	1.14
G005016		4.75	2.44	0.06	26	30	0.1	0.01	18.85	102.5	2.37	1.4	1	<0.05	72.2	1.07
G005017		1.04	0.05	0.1	17	40	0.11	0.01	20.1	3.25	3.39	0.9	<1	0.06	6.4	0.63
G005018		1.06	0.47	0.04	14	20	0.1	0.02	20.6	11.15	2.16	1	1	<0.05	14.2	0.76
G005019		14.45	14.3	0.08	49	30	0.05	0.22	14.8	446	2.31	2.4	5	0.12	262	0.99
G005020		1.12	0.7	0.1	16	30	0.07	0.01	19.95	21.2	3.36	1.2	<1	0.07	21.3	1.02
G005021		0.95	0.44	0.24	23	50	0.12	0.01	19.35	19.65	5.85	1.8	1	0.18	16.4	1.2
G005022		0.39	0.06	0.09	17	20	0.12	0.01	20.4	1.32	3.02	1.1	1	0.06	4.5	0.86
G005023		0.28	0.1	0.06	17	20	0.11	0.03	19.85	3.17	2.53	1.1	1	<0.05	5.2	1.09
G005024		1.19	0.37	0.05	24	30	0.1	0.01	18.95	21.4	2.26	1.1	2	<0.05	20.3	1.13
G005025		0.12	0.06	0.05	27	20	0.09	0.01	19.25	1.06	1.97	1.2	<1	<0.05	3.4	0.99
G005026		4.47	1.31	0.09	55	120	0.07	0.01	15.05	83.1	2.19	1.9	1	0.05	76.9	2.13
G005027		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005028		0.69	0.2	0.07	21	30	0.08	0.03	20.9	12	2.46	1.3	2	0.05	14.5	1.05
G005029		0.82	0.15	0.06	23	20	0.06	0.07	19.25	14.25	2.17	1.2	2	<0.05	14	1.14
G005030		0.02	0.01	0.05	8	10	0.06	0.02	21.7	0.32	1.11	1.1	1	0.1	1.9	0.45
G005031		0.05	0.04	0.04	18	10	0.13	0.02	21.8	0.59	1.93	0.9	<1	<0.05	2	0.7
G005032		0.86	0.13	0.06	19	10	0.09	0.01	19.65	13.95	1.7	0.9	1	<0.05	14.4	0.81
G005033		0.22	0.1	0.06	19	10	0.08	0.01	20.1	3.3	1.94	1.4	2	<0.05	5.3	1.25
G005034		0.53	0.12	0.07	32	20	0.06	0.01	18.2	11.05	2.21	2	2	0.05	9.2	1.1
G005035		0.05	0.05	0.07	16	20	0.11	0.02	19.2	0.16	2.21	0.8	2	0.06	2.3	0.53
G005036		0.13	0.05	0.05	20	10	0.1	0.01	19.85	2.26	1.88	1	3	<0.05	3.4	0.94

Comments: **REJECT FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE VA08091370.**

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Finalized Date: 5-NOV-2008
Account: F

Project: F_VA08091370REJ

CERTIFICATE OF ANALYSIS VA08134948

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	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
G005001		1.55	0.1	0.1	0.009	0.03	1.9	3.4	11.65	881	0.12	0.02	0.2	2.4	70	10.2
G005002		7.45	0.08	<0.1	0.093	0.01	1.2	5.5	9.67	690	0.09	0.01	0.1	1.9	60	23.6
G005003		4.21	0.07	<0.1	0.054	0.01	1.6	7.5	10.6	736	0.08	0.01	0.1	2.1	70	18.1
G005004		1.53	0.06	0.1	0.012	0.03	3.1	4.8	11.15	678	0.13	0.01	0.2	1.8	90	14.6
G005005		1.56	0.07	<0.1	0.017	0.01	1.5	3.6	10.6	647	0.08	0.01	0.1	1.5	50	7
G005006		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005007		9.68	0.07	<0.1	0.102	0.01	1.5	3.5	7.7	633	0.18	<0.01	0.1	1.6	60	37
G005008		1.56	0.06	<0.1	0.018	0.01	1.9	3.1	10.95	590	0.1	0.01	0.1	2.6	50	15.9
G005009		5.09	0.06	<0.1	0.07	0.02	1.6	3.6	10.95	654	0.11	0.01	0.1	6.7	80	20.1
G005010		1.4	0.06	<0.1	0.019	0.01	1.3	4.2	10.4	724	0.05	0.01	0.1	2.7	80	14.1
G005011		1.62	0.06	<0.1	0.023	0.01	1.4	4.1	10.5	741	0.11	0.01	0.1	3	70	20
G005012		3.39	0.06	<0.1	0.049	0.01	1.1	5.3	9.84	609	0.15	<0.01	0.1	3	60	21.8
G005013		18	35.2	<0.1	0.469	0.01	<0.5	8.5	0.87	65	0.16	<0.01	0.1	4.7	20	80.2
G005014		0.32	0.05	<0.1	<0.005	0.02	0.5	0.9	13.4	236	0.06	<0.01	0.2	3.9	210	1.9
G005015		1.43	0.07	<0.1	0.018	0.01	1	3.5	11.2	653	0.07	0.01	0.1	2.5	40	11.2
G005016		2.22	0.08	<0.1	0.039	0.01	1.5	2.6	11.45	738	0.1	0.01	0.1	2.3	70	8.9
G005017		0.43	0.05	0.1	<0.005	0.02	2	2.5	12.35	604	0.05	0.01	0.2	1.1	70	2.5
G005018		0.39	0.05	<0.1	0.006	0.01	1.3	2.5	12.6	671	<0.05	0.01	0.1	2.5	60	6.3
G005019		7.69	2.44	<0.1	0.182	0.02	1.4	3.4	8.68	672	0.13	0.01	0.1	20.6	70	34.8
G005020		1.23	0.05	0.1	0.017	0.03	1.9	3.3	12.1	867	0.05	0.01	0.2	2.3	70	9.6
G005021		1.23	0.05	0.2	0.01	0.09	3.3	5.6	11.8	902	0.51	0.01	0.5	2.8	130	9.4
G005022		0.36	0.05	0.1	<0.005	0.03	1.8	3.1	12.4	849	<0.05	0.01	0.2	2.1	80	4.8
G005023		0.37	0.05	<0.1	<0.005	0.02	1.5	2.6	12.2	1035	0.18	0.01	0.1	2.2	40	4.3
G005024		0.97	0.06	<0.1	0.015	0.01	1.3	2.4	11.45	922	0.06	0.01	0.1	2.4	50	5.8
G005025		0.28	<0.05	<0.1	<0.005	0.01	1.2	2.7	12.25	822	<0.05	0.01	0.1	1.9	20	5.6
G005026		3.81	0.08	<0.1	0.094	0.02	1.1	7.7	8.79	995	0.05	0.01	0.1	3.3	110	19.4
G005027		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005028		0.81	<0.05	<0.1	0.017	0.02	1.3	4.3	12.65	699	<0.05	0.01	0.2	3.9	90	10.4
G005029		1.16	0.06	<0.1	0.026	0.01	1.3	3.3	11.6	865	<0.05	0.01	0.1	2.2	40	7.2
G005030		0.21	<0.05	<0.1	<0.005	0.02	0.5	1	13.5	211	0.07	<0.01	0.2	2.8	180	1.7
G005031		0.22	<0.05	<0.1	<0.005	0.01	1.2	2.9	13.45	674	0.12	0.01	0.1	1.8	50	3.1
G005032		1.11	0.06	<0.1	0.013	0.01	1	3.6	11.85	715	0.07	0.01	0.1	1.8	20	5.1
G005033		0.34	0.05	<0.1	<0.005	0.02	1.1	3.7	12.1	836	0.06	0.01	0.1	2	40	13.2
G005034		0.59	0.05	<0.1	0.006	0.02	1.3	3.9	10.95	727	0.06	0.01	0.2	2.6	80	11.4
G005035		0.3	0.05	<0.1	<0.005	0.02	1.4	2.9	11.55	618	0.16	0.01	0.2	1.8	60	2.7
G005036		0.31	0.05	<0.1	<0.005	0.01	1.1	2.3	11.95	894	<0.05	0.01	0.1	1.7	40	4.2

Comments: **REJECT FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE VA08091370.**

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

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

Project: F_VA08091370REJ

CERTIFICATE OF ANALYSIS VA08134948

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	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
G005001		1.1	<0.002	0.74	8.84	0.4	3	0.2	55.3	<0.05	<0.05	0.2	0.005	0.1	0.5	3
G005002		0.3	<0.002	3.06	29.4	0.3	6	0.6	38.5	<0.05	<0.05	<0.2	<0.005	0.07	0.2	2
G005003		0.5	<0.002	2.1	6.55	0.3	4	0.3	47.4	<0.05	<0.05	<0.2	<0.005	0.11	0.3	1
G005004		0.9	<0.002	0.71	3.94	0.3	4	0.2	73	<0.05	<0.05	0.3	<0.005	0.09	0.4	2
G005005		0.4	<0.002	0.76	3.29	0.2	6	0.3	53.2	<0.05	<0.05	<0.2	<0.005	0.1	0.2	1
G005006		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005007		0.4	<0.002	3.33	30	0.2	14	0.8	45.5	<0.05	<0.05	<0.2	<0.005	0.24	0.3	1
G005008		0.5	<0.002	1.35	6.21	0.3	6	0.2	60.8	<0.05	<0.05	<0.2	<0.005	0.1	0.4	1
G005009		0.5	<0.002	3.26	7.34	0.2	5	0.6	59.9	<0.05	<0.05	<0.2	<0.005	0.15	0.3	1
G005010		0.4	<0.002	1.25	2.57	0.2	5	0.2	61.2	<0.05	<0.05	<0.2	<0.005	0.08	0.2	1
G005011		0.4	<0.002	1.96	5.17	0.2	5	0.3	61.9	<0.05	<0.05	<0.2	<0.005	0.13	0.3	1
G005012		0.4	<0.002	3.11	7.61	0.2	5	0.4	57.8	<0.05	<0.05	<0.2	<0.005	0.15	0.2	1
G005013		0.3	<0.002	>10.0	176	<0.1	27	3.1	6.8	<0.05	<0.05	<0.2	<0.005	0.69	0.1	<1
G005014		0.8	<0.002	0.09	0.43	0.4	2	<0.2	50.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	3
G005015		0.3	<0.002	2.02	6.74	0.2	4	0.2	60.8	<0.05	<0.05	<0.2	<0.005	0.12	0.2	1
G005016		0.5	<0.002	2.15	13.25	0.2	5	0.4	71.4	<0.05	<0.05	<0.2	<0.005	0.13	0.3	1
G005017		0.8	<0.002	0.13	0.55	0.3	3	<0.2	77.8	<0.05	<0.05	0.2	<0.005	0.04	0.4	1
G005018		0.3	<0.002	0.38	2.83	0.2	3	<0.2	60.1	<0.05	<0.05	<0.2	<0.005	0.04	0.3	1
G005019		1	<0.002	8.45	33.9	0.3	11	1.1	60.9	<0.05	0.05	<0.2	<0.005	0.33	0.2	2
G005020		1.1	<0.002	0.89	5.56	0.3	3	0.2	82.3	<0.05	<0.05	0.2	<0.005	0.07	0.3	2
G005021		3	<0.002	0.95	2.59	0.5	3	0.2	97.8	<0.05	<0.05	0.6	0.011	0.17	0.7	5
G005022		0.9	<0.002	0.28	1.07	0.3	2	<0.2	83.1	<0.05	<0.05	0.2	<0.005	0.06	0.4	3
G005023		0.6	<0.002	0.41	1.04	0.2	2	0.2	84.3	<0.05	<0.05	<0.2	<0.005	0.06	0.3	2
G005024		0.4	<0.002	1.04	2.66	0.2	3	0.2	81.7	<0.05	<0.05	<0.2	<0.005	0.05	0.3	1
G005025		0.5	<0.002	0.51	0.88	0.2	2	<0.2	76.6	<0.05	<0.05	<0.2	<0.005	0.06	0.3	1
G005026		0.7	<0.002	4.05	9.82	0.3	4	0.6	66.6	<0.05	<0.05	<0.2	<0.005	0.15	0.2	2
G005027		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G005028		0.7	<0.002	0.93	2.2	0.3	2	0.2	72.8	<0.05	<0.05	<0.2	<0.005	0.07	0.4	2
G005029		0.5	<0.002	1	1.62	0.2	2	0.2	74.7	<0.05	<0.05	<0.2	<0.005	0.04	0.3	3
G005030		0.9	<0.002	0.03	0.09	0.4	2	<0.2	55.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	1
G005031		0.3	<0.002	0.23	0.39	0.2	2	<0.2	75.1	<0.05	<0.05	<0.2	<0.005	0.05	0.4	1
G005032		0.3	<0.002	0.76	0.98	0.2	3	0.2	61.6	<0.05	<0.05	<0.2	<0.005	0.03	0.3	1
G005033		0.4	<0.002	0.82	2.04	0.2	2	<0.2	60.3	<0.05	<0.05	<0.2	<0.005	0.04	0.2	3
G005034		0.7	<0.002	0.91	2.29	0.2	2	<0.2	76.5	<0.05	<0.05	<0.2	<0.005	0.06	0.3	2
G005035		0.7	<0.002	0.11	0.39	0.2	2	<0.2	75.2	<0.05	<0.05	<0.2	<0.005	0.03	0.3	1
G005036		0.4	<0.002	0.29	0.62	0.1	2	<0.2	76.5	<0.05	<0.05	<0.2	<0.005	0.03	0.3	2

Comments: **REJECT FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE VA08091370.**

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

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

Project: F_VA08091370REJ

CERTIFICATE OF ANALYSIS VA08134948

Sample Description	Method / Analyte / Units / LOR	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-CON01 Zn % 0.01
G005001		0.1	2.4	>10000	2.2	1.43
G005002		0.1	1.7	>10000	0.7	5.44
G005003		0.1	2	>10000	0.8	2.83
G005004		0.3	2.2	>10000	1.7	1.84
G005005		0.2	1.8	>10000	0.9	4.44
G005006		NSS	NSS	NSS	NSS	NSS
G005007		0.2	1.5	>10000	0.7	14.74
G005008		0.1	2.1	>10000	1.1	4.46
G005009		0.1	1.8	>10000	1	5.67
G005010		<0.1	1.7	>10000	0.7	4.20
G005011		<0.1	1.6	>10000	0.9	4.68
G005012		<0.1	1.3	>10000	0.8	6.36
G005013		<0.1	0.1	>10000	<0.5	>15.00
G005014		<0.1	0.9	1390	<0.5	0.12
G005015		<0.1	1.4	>10000	0.6	3.74
G005016		0.1	1.8	>10000	0.9	4.94
G005017		0.1	2	9270	1.9	0.99
G005018		<0.1	2	9850	0.7	1.00
G005019		0.2	1.4	>10000	1.2	14.67
G005020		0.1	1.8	9840	1.8	1.03
G005021		0.3	2.4	9490	6.1	0.99
G005022		<0.1	2.2	3970	2	0.37
G005023		0.1	1.9	2830	0.9	0.27
G005024		<0.1	1.7	>10000	0.7	1.17
G005025		<0.1	1.7	1170	1.3	0.11
G005026		<0.1	1.7	>10000	1	4.70
G005027		NSS	NSS	NSS	NSS	NSS
G005028		0.1	1.7	6560	1.2	0.67
G005029		<0.1	1.7	7930	0.8	0.82
G005030		<0.1	0.9	149	<0.5	0.01
G005031		<0.1	1.7	594	0.5	0.05
G005032		<0.1	1.4	8340	0.7	0.83
G005033		0.1	1.6	2260	0.8	0.21
G005034		<0.1	1.6	5290	1.4	0.52
G005035		0.1	1.6	427	1.1	0.04
G005036		<0.1	1.5	1370	0.8	0.13

Comments: **REJECT FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE VA08091370.**

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

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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 5-NOV-2008
Account: F

Project: F_VA08091370REJ

CERTIFICATE OF ANALYSIS VA08134948

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.
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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To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2008
Account: F

CERTIFICATE TR08131347

Project: GOZ Batch 8

P.O. No.:

This report is for 1 Drill Core sample submitted to our lab in Terrace, BC, Canada on 11-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

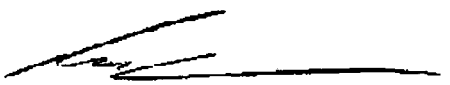
ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

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

Finalized Date: 22-SEP-2008
Account: F

Project: GOZ Batch 8

CERTIFICATE OF ANALYSIS TR08131347

Sample Description	Method	Pb-OG62
	Analyte	Pb
	Units	%
	LOR	0.01
G005261		1.60

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VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2008
Account: F

CERTIFICATE TR08131345

Project: GOZ - BATCH 7

P.O. No.:

This report is for 3 Drill Core samples submitted to our lab in Terrace, BC, Canada on 11-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

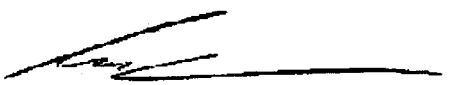
ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ARCHER, CATHRO AND 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: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

Finalized Date: 22-SEP-2008
Account: F

Project: GOZ - BATCH 7

CERTIFICATE OF ANALYSIS TR08131345

Sample Description	Method	Ag-OG62	Pb-OG62
	Analyte	Ag	Pb
	Units	ppm	%
	LOR	1	0.01
G005224			1.50
G005227			1.96
G005240		357	

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Finalized Date: 22-SEP-2008
Account: F

CERTIFICATE TR08131344

Project: GOZ Batch 16

P.O. No.:

This report is for 2 Drill Core samples submitted to our lab in Terrace, BC, Canada on 11-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
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

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

Finalized Date: 22-SEP-2008
Account: F

Project: GOZ Batch 16

CERTIFICATE OF ANALYSIS TR08131344

Sample Description	Method	Ag-OG62
	Analyte	Ag
	Units	ppm
	LOR	1
G005193		360
G005214		359

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Finalized Date: 22-SEP-2008
Account: F

CERTIFICATE TR08131343

Project: GOZ

P.O. No.:

This report is for 2 Drill Core samples submitted to our lab in Terrace, BC, Canada on 11-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
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

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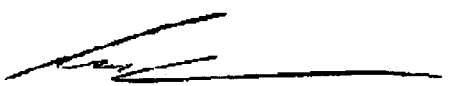
Signature: 

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Finalized Date: 22-SEP-2008
Account: F

Project: GOZ

CERTIFICATE OF ANALYSIS TR08131343

Sample Description	Method	Ag-OG62
	Analyte	Ag
	Units	ppm
	LOR	1
G005113		361
G005127		347

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Finalized Date: 22-SEP-2008
Account: F

CERTIFICATE TR08131342

Project: GOZ Batch 5

P.O. No.:

This report is for 2 Drill Core samples submitted to our lab in Terrace, BC, Canada on 11-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
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

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Finalized Date: 22-SEP-2008
Account: F

Project: GOZ Batch 5

CERTIFICATE OF ANALYSIS TR08131342

Sample Description	Method	Ag-OG62	Pb-OG62
	Analyte	Ag	Pb
	Units	ppm	%
	LOR	1	0.01
G005146		353	
G005169			1.59

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Finalized Date: 17-SEP-2008
Account: F

CERTIFICATE VA08131341

Project: GOZ

P.O. No.: Batch #3

This report is for 2 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 11-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
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

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Signature: 

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Finalized Date: 17-SEP-2008
Account: F

Project: GOZ

CERTIFICATE OF ANALYSIS VA08131341

Sample Description	Method	Ag-OG62	Pb-OG62
	Analyte	Ag	Pb
	Units	ppm	%
	LOR	1	0.01
G005079		375	
G005096			1.65

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Finalized Date: 17-SEP-2008
Account: F

CERTIFICATE VA08131340

Project: GOZ

P.O. No.: GOZ-08-56

This report is for 2 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 11-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
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
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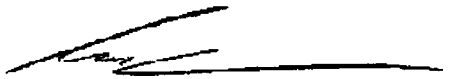
Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 17-SEP-2008
Account: F

Project: GOZ

CERTIFICATE OF ANALYSIS VA08131340

Sample Description	Method	Ag-OG62
	Analyte	Ag
	Units	ppm
	LOR	1
G005006		362
G005027		357

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Finalized Date: 20-AUG-2008
Account: F

CERTIFICATE TR08104051

Project: GOZ

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Terrace, BC, Canada on 22-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-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
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	
Zn-CON02	Control Zinc	
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

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Signature:

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Finalized Date: 20-AUG-2008
Account: F

Project: GOZ

CERTIFICATE OF ANALYSIS TR08104051

Sample Description	Method	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
G005109		1.63	0.03	0.07	5	10	0.05	0.02	18.5	0.08	1.26	1.2	2	0.22	1.9	0.45
G005110		3.67	0.1	0.28	16	60	0.12	0.01	14.25	2.76	4.09	1.1	5	0.28	4.9	0.64
G005111		3.67	0.55	0.32	28	90	0.17	0.01	16.2	50.3	7.32	1.6	3	0.3	14.2	0.68
G005112		3.45	0.35	0.15	16	50	0.09	0.01	16	35.4	3.15	1	3	0.13	9.3	0.75
G005113		0.13	>100	5.6	4350	280	1.02	0.14	2.23	137	27.7	15	45	4.21	451	7.63
G005114		3.75	0.08	0.69	38	160	0.32	0.04	16.7	3.03	8.51	2.1	6	0.65	5.2	1.08
G005115		3.15	0.04	0.15	5	40	0.17	0.01	16.15	0.16	2.96	1.3	3	0.15	2.1	0.46
G005116		3.68	1.52	0.07	7	50	0.12	<0.01	17.4	15.2	4.04	0.9	1	0.05	13	0.68
G005117		3.63	2.23	0.06	23	70	0.17	<0.01	16.95	46.8	3.28	0.8	1	<0.05	24.4	0.73
G005118		3.70	0.51	0.04	22	80	0.2	<0.01	16.4	26.4	2.49	0.9	1	<0.05	17.1	0.9
G005119		1.55	0.88	0.04	24	90	0.16	<0.01	16.2	35.1	2.69	0.9	1	<0.05	12.8	0.83
G005120		2.51	0.97	0.04	16	80	0.09	0.02	17.3	35.3	2.82	0.8	1	<0.05	11.1	0.64
G005121		3.66	0.49	0.05	15	110	0.16	<0.01	15.25	75.1	2.79	1.2	3	<0.05	9.2	0.52
G005122		2.27	20.3	0.13	74	100	0.05	0.01	1.47	392	0.92	0.5	7	0.11	198	0.38
G005123		3.20	5.77	0.42	29.6	570	0.17	<0.01	2.56	209	5.35	1.3	10	0.21	78.8	0.47
G005124		2.54	12.15	0.21	38.9	90	<0.05	0.02	0.35	406	0.69	0.4	12	0.16	149.5	0.28
G005125		2.55	2.31	0.12	15.5	30	<0.05	0.01	1.97	172.5	0.89	1.2	14	0.08	41.4	0.54
G005126		1.60	0.04	0.06	9	10	0.05	0.02	18.25	1.43	1.18	1	1	0.12	2.1	0.41
G005127		0.12	>100	5.38	4140	270	1.1	0.13	2.16	136	27.4	14.6	42	4.13	433	7.43
G005128		3.47	0.8	0.05	16	70	0.09	<0.01	16.6	8.13	1.93	0.7	2	<0.05	2.2	0.65
G005129		3.58	0.4	0.04	22	50	0.16	<0.01	16.75	63.2	3.05	1.1	1	<0.05	4	0.63
G005130		3.31	0.41	0.03	26	30	0.07	<0.01	15.85	32.3	3.01	1.2	2	<0.05	8.2	0.81
G005131		3.77	7.82	0.04	43	70	0.06	<0.01	15.55	112.5	2.38	1.2	1	<0.05	89.3	0.94
G005132		3.50	4.75	0.08	28	160	0.12	<0.01	17.15	47.3	3.63	1.1	2	<0.05	46.3	0.75
G005133		3.24	0.16	0.05	17	100	0.1	<0.01	16.85	2.69	2.46	0.9	1	<0.05	1.8	0.7
G005134		3.77	0.58	0.08	24	340	0.18	<0.01	16.65	12.9	2.75	1.1	2	<0.05	5.7	0.72
G005135		3.15	2.41	0.22	24	80	0.1	0.02	11.95	126.5	2.88	2.1	3	0.23	49.9	1.02
G005136		0.84	8.39	0.32	38	50	0.13	0.01	13.7	367	3.31	4	5	0.34	128	1.58
G005137		1.64	45.1	0.02	76.4	60	<0.05	0.01	0.74	>1000	1.37	2.9	<1	0.11	1000	1.36
G005138		1.58	0.03	0.05	5	10	0.05	0.03	18.25	0.79	1.16	1.1	1	0.11	2	0.41
G005139		3.85	0.98	0.05	18	50	0.1	<0.01	16.95	46	1.88	1.3	2	<0.05	18.3	0.81
G005140		2.86	0.15	0.04	12	20	0.15	<0.01	17.65	2.77	1.59	0.7	1	<0.05	2.1	0.62
G005141		3.64	0.34	0.04	22	20	0.12	<0.01	16.25	18.15	1.61	0.7	1	<0.05	6.5	0.73
G005142		3.56	1.54	0.04	27	10	0.15	<0.01	16.95	29.6	1.57	0.9	1	<0.05	30.4	0.85
G005143		2.91	3.78	0.05	45	10	0.06	<0.01	14.4	80.5	1.64	1	3	<0.05	51.4	0.93
G005144		3.70	3.82	0.14	54	50	0.13	0.01	15.4	90.6	3.03	1.9	2	0.11	90.6	1.25

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

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1016-510 W HASTINGS ST
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Finalized Date: 20-AUG-2008
Account: F

Project: GOZ

CERTIFICATE OF ANALYSIS TR08104051

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	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
G005109		0.23	<0.05	<0.1	<0.005	0.03	0.6	1	11.6	176	0.09	0.01	0.3	2.4	150	1.7
G005110		0.78	0.05	0.1	<0.005	0.1	2.4	10.6	8.99	475	0.14	0.01	0.5	0.9	80	18.1
G005111		1.48	0.05	0.2	0.007	0.13	4.4	5.8	10.5	491	0.3	0.01	0.8	<0.2	170	8.2
G005112		1.01	0.07	0.1	0.007	0.06	2	3.4	10.3	628	0.17	0.01	0.3	<0.2	100	43.1
G005113		15.65	0.17	1.6	0.372	1.61	13.2	23	0.82	1330	8.01	1.18	5.7	28.5	490	8410
G005114		1.9	<0.05	0.3	<0.005	0.3	5	10.9	10.35	672	0.48	0.02	1.1	4	190	9.5
G005115		0.46	<0.05	0.1	<0.005	0.06	1.8	4.2	10.05	377	0.11	0.01	0.4	1.8	70	2.4
G005116		0.91	<0.05	<0.1	0.012	0.02	2.7	2.6	11.2	624	0.22	0.01	0.2	<0.2	90	8
G005117		1.41	<0.05	<0.1	0.022	0.01	2.2	2	10.9	657	0.13	0.01	0.1	<0.2	100	8.5
G005118		0.51	<0.05	<0.1	0.006	0.01	1.9	1.8	10.7	597	0.1	0.01	0.1	<0.2	90	36.4
G005119		0.61	<0.05	<0.1	0.008	0.01	1.9	1.9	10.55	587	0.11	0.01	0.1	<0.2	100	8.9
G005120		0.6	0.06	<0.1	0.022	<0.01	2	2.3	11.25	549	0.07	0.01	0.1	<0.2	100	3.8
G005121		0.71	<0.05	<0.1	0.006	0.01	2	5.2	9.92	438	0.13	0.01	0.1	0.5	130	9.3
G005122		4.95	<0.05	<0.1	0.106	0.01	0.7	23.3	0.85	73	0.19	<0.01	0.1	1.2	130	3260
G005123		2.79	<0.05	<0.1	0.028	0.12	3.6	17.6	1.5	183	0.22	<0.01	0.1	2.9	450	1610
G005124		3.72	<0.05	<0.1	0.051	0.05	<0.5	21.5	0.2	39	0.21	<0.01	0.1	1.4	90	1160
G005125		1.13	0.16	<0.1	0.013	0.01	0.5	21.1	1.14	146	0.24	<0.01	0.1	2.1	70	482
G005126		0.22	<0.05	<0.1	<0.005	0.02	0.6	1.1	11.5	185	0.09	<0.01	0.3	2.5	180	6.6
G005127		15.5	0.18	1.5	0.386	1.54	13.1	27.3	0.79	1290	7.86	1.15	5.4	27.4	460	8190
G005128		0.21	<0.05	<0.1	<0.005	0.01	1.4	3	10.85	513	0.08	0.01	0.1	<0.2	90	13.9
G005129		0.49	0.05	<0.1	0.008	<0.01	2.2	3	11	550	0.15	0.01	0.1	4.8	80	15.6
G005130		0.52	<0.05	<0.1	0.008	<0.01	2.2	2.4	10.3	635	0.1	0.01	0.1	0.3	80	14.7
G005131		3.56	0.05	<0.1	0.092	0.01	1.6	3.1	10.05	601	0.13	0.01	0.1	<0.2	130	20.2
G005132		2.18	0.05	<0.1	0.051	0.02	2.4	3.5	11.1	597	0.12	0.01	0.2	<0.2	180	20.2
G005133		0.2	<0.05	<0.1	<0.005	0.01	1.7	3.2	10.95	608	0.07	0.01	0.1	<0.2	110	2.9
G005134		0.34	<0.05	<0.1	<0.005	0.01	1.8	3.9	10.85	582	0.11	0.01	0.1	<0.2	260	4
G005135		1.61	0.05	0.2	0.012	0.09	1.6	13.5	7.33	466	0.33	<0.01	0.6	1.9	360	8.3
G005136		3.37	0.9	0.3	0.042	0.15	1.5	5.9	8.32	565	0.62	<0.01	1	4.6	1320	14.7
G005137		3.23	39.2	0.3	0.11	<0.01	0.5	0.9	0.34	44	0.61	<0.01	0.5	4.2	700	42
G005138		0.21	<0.05	<0.1	<0.005	0.02	0.6	0.9	11.55	166	0.08	<0.01	0.3	2.7	240	1.6
G005139		0.82	0.05	<0.1	0.016	0.01	1.3	3.2	11.05	600	0.14	0.01	0.2	<0.2	70	13.3
G005140		0.21	<0.05	<0.1	<0.005	0.01	1.1	2.4	11.5	544	0.06	0.01	0.1	<0.2	50	6.9
G005141		0.59	<0.05	<0.1	0.008	0.01	1.2	2.3	10.5	635	0.09	0.01	0.1	<0.2	60	4.7
G005142		1.4	0.11	<0.1	0.029	0.01	1.2	3	11	606	0.08	0.01	0.1	<0.2	40	96.3
G005143		2.37	0.06	<0.1	0.037	0.01	1.2	3.9	9.12	542	0.1	0.01	0.1	0.3	30	8.7
G005144		4.83	0.07	0.1	0.079	0.05	2.1	3.6	9.92	633	0.3	0.01	0.3	1.1	70	32.5

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

Project: GOZ

CERTIFICATE OF ANALYSIS TR08104051

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	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
G005109		1.4	<0.002	0.04	0.05	0.3	2	<0.2	50.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	1
G005110		3.8	<0.002	0.27	5.04	0.5	2	0.4	71.8	<0.05	<0.05	0.5	0.012	0.07	0.7	4
G005111		5	<0.002	1.32	3.54	0.7	3	0.2	106.5	0.05	<0.05	0.8	0.015	0.14	1	5
G005112		2	<0.002	1.08	1.85	0.5	3	<0.2	76.6	<0.05	<0.05	0.3	0.007	0.06	0.5	4
G005113		115	0.011	6.05	116.5	14	24	12.1	204	0.38	<0.05	3.6	0.272	2.2	2.5	93
G005114		10.6	<0.002	0.53	5.59	1.3	2	0.2	145.5	0.07	<0.05	1.4	0.026	0.26	1.1	14
G005115		2.1	<0.002	0.1	0.44	0.3	2	<0.2	79	<0.05	<0.05	0.3	0.007	0.05	0.6	5
G005116		0.9	<0.002	0.33	3.62	0.2	2	0.2	74.9	<0.05	<0.05	0.2	<0.005	0.06	0.4	1
G005117		0.4	0.002	1.06	5.99	0.2	3	0.3	75.3	<0.05	<0.05	<0.2	<0.005	0.19	0.4	2
G005118		0.2	<0.002	0.72	18.5	0.3	3	<0.2	75.7	<0.05	<0.05	<0.2	<0.005	0.24	0.4	<1
G005119		0.3	<0.002	0.91	6.47	0.2	3	0.2	79.1	<0.05	<0.05	<0.2	<0.005	0.27	0.4	1
G005120		0.1	<0.002	0.61	5.23	0.2	3	<0.2	72.9	<0.05	<0.05	<0.2	<0.005	0.07	0.4	<1
G005121		0.2	<0.002	0.4	12.15	0.4	4	<0.2	84.6	<0.05	<0.05	<0.2	<0.005	0.03	0.4	1
G005122		0.7	<0.002	6.98	1145	<0.1	14	1.4	39.6	<0.05	<0.05	<0.2	<0.005	0.7	0.4	<1
G005123		4.6	<0.002	2.91	492	0.1	12	0.6	205	<0.05	<0.05	<0.2	<0.005	0.41	0.5	<1
G005124		2	<0.002	6.18	164	<0.1	13	0.7	30	<0.05	<0.05	<0.2	<0.005	0.61	0.2	<1
G005125		0.6	<0.002	2.35	124	0.1	9	0.5	17.7	<0.05	<0.05	<0.2	<0.005	0.19	0.3	<1
G005126		1	<0.002	0.03	0.88	0.2	2	<0.2	46.8	<0.05	<0.05	<0.2	<0.005	<0.02	1.6	1
G005127		110.5	0.01	5.83	114	14.3	24	12.1	198.5	0.36	<0.05	3.4	0.263	2.13	2.4	88
G005128		0.2	<0.002	0.19	6.88	0.2	2	<0.2	54.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.3	2
G005129		0.3	<0.002	0.18	11.4	0.3	4	<0.2	73.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.3	1
G005130		0.1	<0.002	0.52	12.25	0.3	4	<0.2	60.8	<0.05	<0.05	<0.2	<0.005	0.02	0.3	1
G005131		0.2	<0.002	2.56	26.6	0.3	5	1.1	74.3	<0.05	<0.05	<0.2	<0.005	0.11	0.3	1
G005132		0.6	<0.002	0.9	18.6	0.4	4	0.6	109	<0.05	<0.05	0.2	<0.005	0.1	0.5	2
G005133		0.4	<0.002	0.12	6.63	0.3	2	<0.2	69.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.4	2
G005134		0.4	<0.002	0.33	4.7	0.3	3	<0.2	129.5	<0.05	<0.05	0.2	<0.005	<0.02	0.6	1
G005135		4	<0.002	2.92	4.23	0.4	5	0.3	80.3	<0.05	<0.05	0.9	0.012	0.18	0.8	3
G005136		6.5	<0.002	8.49	10.55	0.6	14	1	123.5	0.06	<0.05	1.7	0.025	0.34	1.2	4
G005137		0.5	<0.002	>10.0	26.8	0.1	44	1.2	31	<0.05	0.05	1.5	0.015	1.09	1.2	<1
G005138		0.9	<0.002	0.02	0.08	0.3	2	<0.2	50.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.9	1
G005139		0.5	<0.002	1.14	8.04	0.3	3	0.2	89.2	<0.05	<0.05	<0.2	<0.005	0.07	0.4	2
G005140		0.3	<0.002	0.2	0.68	0.2	2	<0.2	61.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	1
G005141		0.3	<0.002	0.65	1.41	0.1	2	<0.2	58.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.4	2
G005142		0.3	<0.002	0.86	21.2	0.2	2	0.5	54.3	<0.05	<0.05	<0.2	<0.005	0.05	0.4	1
G005143		0.4	<0.002	1.93	13.35	0.3	4	0.4	47.8	<0.05	<0.05	<0.2	<0.005	0.11	0.3	3
G005144		2.1	<0.002	2.75	32.5	0.4	4	0.9	68.1	<0.05	<0.05	0.3	0.007	0.15	0.5	2

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Project: GOZ

CERTIFICATE OF ANALYSIS TR08104051

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Zn-CON02	Zn-OG62
	Analyte	W	Y	Zn	Zr	Zn	Zn
	Units	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	0.1	2	0.5	0.01	0.01
G005109		0.1	1	15	<0.5		
G005110		0.3	1.7	2860	3.9		
G005111		0.6	2.7	>10000	7.2		2.06
G005112		0.2	1.8	>10000	2.9		1.71
G005113		3.1	13.9	>10000	50.6		1.29
G005114		0.8	3.4	2570	8.7		
G005115		0.2	2.1	561	2.1		
G005116		0.2	3.1	5440	1.7		
G005117		0.2	2.4	>10000	0.8		2.04
G005118		0.2	2.3	>10000	0.6		1.52
G005119		0.2	2.5	>10000	0.6		1.80
G005120		0.1	2.5	>10000	0.5		1.40
G005121		0.1	1.9	>10000	0.6		2.75
G005122		0.1	0.4	>10000	<0.5		15.20
G005123		0.5	0.9	>10000	0.5		12.45
G005124		0.2	0.2	>10000	<0.5		15.20
G005125		0.4	0.5	>10000	0.6		9.17
G005126		0.1	0.9	478	<0.5		
G005127		3	13.5	>10000	49.5		1.30
G005128		0.1	1.5	8140	0.6		
G005129		0.1	2.4	>10000	0.6		2.59
G005130		0.1	2.3	>10000	<0.5		2.77
G005131		0.1	1.9	>10000	0.7		4.72
G005132		0.2	2.4	>10000	1.7		2.14
G005133		0.1	1.9	7350	0.9		
G005134		0.2	2.2	>10000	1		1.29
G005135		1	1.7	>10000	6.4		4.91
G005136		3	2.8	>10000	13.1		15.50
G005137		1.9	1.1	>10000	11.2	62.05	>30.0
G005138		0.1	0.9	250	<0.5		
G005139		0.2	1.6	>10000	1.4		2.21
G005140		0.1	1.7	1460	0.8		
G005141		0.1	1.5	8730	0.6		
G005142		0.1	1.5	9960	0.7		
G005143		0.2	1.4	>10000	0.7		3.04
G005144		0.2	1.8	>10000	2		4.00

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

Finalized Date: 20-AUG-2008
Account: F

Project: GOZ

CERTIFICATE OF ANALYSIS TR08104051

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: 20-AUG-2008
Account: F

CERTIFICATE TR08103829

Project: GOZ Batch 16

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Terrace, BC, Canada on 22-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-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing 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	
Zn-CON02	Control Zinc	
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ARCHER, CATHRO AND 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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Project: GOZ Batch 16

CERTIFICATE OF ANALYSIS TR08103829

Sample Description	Method	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
G005181		1.87	7.06	0.09	22.3	10	0.34	0.23	0.04	>1000	0.53	0.7	7	0.22	67.2	0.3
G005182		2.71	2.71	0.19	30.2	20	0.28	0.1	3.46	276	3.07	1.6	22	0.16	47.5	0.54
G005183		1.51	0.38	0.09	43	40	0.11	0.04	11.6	489	3.44	1.4	5	0.05	34	0.67
G005184		1.58	30.8	0.12	18.1	10	0.34	0.06	4.01	370	1.91	1.2	14	0.08	85.6	0.47
G005185		1.60	0.08	0.07	<5	10	0.08	0.03	18.35	3.63	1.25	1.2	2	0.12	2.5	0.39
G005186		3.27	0.71	0.13	11.3	30	<0.05	0.02	0.6	119	1.5	1	32	0.1	20.2	0.42
G005187		3.39	1.38	0.21	21.6	70	0.07	0.03	0.45	90.5	4.06	1.5	47	0.14	27.4	0.67
G005188		1.59	3.07	0.25	47.8	100	0.07	0.03	0.43	94.4	5.78	2	22	0.15	55.3	1.22
G005189		3.93	35.6	0.11	121	30	0.21	0.04	0.13	788	1.01	0.8	27	0.19	380	0.47
G005190		0.92	10.4	0.11	33	30	0.22	0.12	0.11	754	1.06	0.6	13	0.13	180	0.35
G005191		1.48	0.09	0.06	<5	10	0.08	0.03	18.55	3.42	1.45	1.2	4	0.14	2.8	0.42
G005192		2.84	1.2	0.09	10.4	40	0.08	0.01	8.27	235	3.06	1.2	16	0.06	23	0.44
G005193		0.12	>100	5.37	4170	330	1	0.14	2.21	133	28.7	14.7	47	4.49	450	7.27
G005194		3.38	4.21	0.1	23	40	0.28	<0.01	10.1	119	3.5	1	6	<0.05	51.7	0.38
G005195		3.77	1.23	0.04	9	30	0.12	0.01	16.8	37.2	3.79	0.9	2	<0.05	15.9	0.45
G005196		2.96	0.14	0.03	5	20	0.17	0.04	17.2	25.6	3.54	0.9	2	<0.05	3	0.52
G005197		2.96	0.05	0.03	6	30	0.14	0.01	17.65	5.17	3.24	0.9	2	<0.05	2.3	0.57
G005198		3.36	0.4	0.06	6	40	0.17	0.01	16.85	18.45	3.56	0.8	2	<0.05	7.3	0.5
G005199		3.01	0.1	0.18	9	130	0.22	0.01	17.7	0.43	7.88	1.3	3	0.18	2.6	0.6
G005200		3.12	0.27	0.36	19	220	0.32	0.02	17.05	0.55	11.2	1.9	4	0.34	3.7	0.79
G005201		2.84	0.31	0.08	9	180	0.13	0.01	16.4	3.8	3.82	1.1	4	0.05	3.2	0.55
G005202		3.27	0.7	0.09	19	170	0.15	0.01	16.35	14.15	5.73	1.8	2	0.06	8.1	1.03
G005203		2.11	0.19	0.04	8	30	0.1	0.01	15.75	2.81	1.88	1.1	2	<0.05	3	0.72
G005204		1.84	7.23	0.34	38.2	170	0.15	0.03	1.84	210	3.79	2.5	18	0.2	95	0.77
G005205		3.27	0.5	0.15	18	60	0.13	0.02	15.9	13.3	4.81	2	4	0.11	12.3	0.95
G005206		2.71	0.15	0.19	19	50	0.14	0.03	16.15	8.03	6.06	1.8	2	0.17	6.1	0.91
G005207		3.20	0.22	0.09	19	30	0.15	0.01	16.1	11.05	3.34	1.5	2	0.09	8.5	0.98
G005208		1.98	0.04	0.05	<5	10	0.17	0.01	17.65	0.69	1.72	1	1	<0.05	1.9	0.56
G005209		0.94	0.05	0.05	<5	10	0.16	0.04	17.6	1.51	1.67	0.9	1	<0.05	2.7	0.54
G005210		3.67	0.19	0.09	10	20	0.14	0.02	16.4	14.55	3.06	1	2	0.07	11.4	0.73
G005211		3.35	0.14	0.06	7	10	0.1	0.01	16.95	6.6	2.49	0.9	2	<0.05	5.8	0.73
G005212		3.27	0.43	0.03	12	20	0.11	0.01	17.1	16.45	2.24	0.9	1	<0.05	9.8	0.93
G005213		3.50	0.05	0.06	7	20	0.15	0.01	17.25	0.41	2.49	1	1	<0.05	1.9	0.81
G005214		0.12	>100	5.32	4090	300	1.05	0.13	2.2	131.5	28.4	14.4	45	4.48	452	7.23
G005215		3.65	0.17	0.17	13	30	0.18	0.02	16.95	0.8	5.22	1	2	0.14	2.2	0.76
G005216		3.37	0.06	0.06	8	20	0.13	0.02	17.8	0.26	2.56	0.8	5	<0.05	1.7	0.65

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Project: GOZ Batch 16

CERTIFICATE OF ANALYSIS TR08103829

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	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
G005181	4.99	6.84	<0.1	<0.005	0.01	<0.5	9.2	0.02	26	0.3	0.01	0.2	6.5	60	447
G005182	2.5	0.47	0.1	<0.005	0.04	1.7	22	1.85	164	0.43	0.01	0.5	8	650	996
G005183	1.8	0.09	<0.1	0.016	0.01	2.1	5.4	7.38	465	0.21	0.02	0.2	2.4	150	331
G005184	2.41	0.52	<0.1	0.028	0.02	1	14.6	2.27	210	0.28	<0.01	0.2	4.7	380	62.2
G005185	0.33	0.11	<0.1	0.005	0.02	0.6	1	12.05	176	0.09	0.01	0.2	3.6	170	4.1
G005186	1.02	0.08	<0.1	0.012	0.02	0.9	16	0.3	89	0.41	<0.01	0.3	4.8	170	51.4
G005187	1.52	0.07	0.1	0.022	0.04	2.4	23	0.21	62	0.5	<0.01	0.4	4.8	250	59.4
G005188	2.67	0.08	0.1	0.038	0.04	3.4	30.7	0.18	50	0.39	0.01	0.5	5.5	280	60.6
G005189	16.65	0.41	<0.1	0.52	0.01	0.6	17.6	0.05	30	0.24	<0.01	0.2	5.4	110	1705
G005190	4	0.11	<0.1	0.064	0.01	0.6	20.9	0.04	44	0.17	<0.01	0.2	3.2	70	2290
G005191	0.29	0.07	<0.1	0.005	0.02	0.7	1.1	12.15	188	0.54	0.01	0.3	3.7	150	11.1
G005192	1.35	0.07	<0.1	0.016	0.01	1.9	15.8	4.77	302	0.27	0.01	0.2	5.2	70	82.9
G005193	14.65	0.23	1.3	0.361	1.62	13.7	21.4	0.81	1310	7.71	1.12	5.6	27.6	470	8290
G005194	2.93	0.26	0.1	<0.005	0.01	2.1	15.4	6.58	302	0.15	0.01	0.3	3	110	45
G005195	0.73	0.06	<0.1	0.005	0.01	2.6	2.5	11.25	467	0.11	0.01	0.1	1.6	60	11.5
G005196	0.24	0.08	<0.1	0.009	0.01	2.5	2.2	11.4	499	0.12	0.01	0.1	1.6	60	8.9
G005197	0.19	0.1	<0.1	0.006	0.01	2.3	1.9	11.6	557	0.08	0.01	0.1	1.6	60	3.2
G005198	0.43	0.09	<0.1	0.008	0.02	2.4	3.7	11	474	0.12	0.01	0.2	1.6	100	62
G005199	0.95	0.11	0.1	<0.005	0.08	4.9	5.9	11.65	521	0.23	0.01	0.6	2.4	190	5.7
G005200	1.82	0.1	0.4	<0.005	0.16	6.9	8.6	11.2	534	0.46	0.02	1	3.1	300	9.8
G005201	0.46	0.09	0.1	<0.005	0.02	2.5	3.4	10.85	482	0.16	0.01	0.3	2.7	280	4.1
G005202	0.78	0.08	0.1	0.005	0.03	3.8	4.1	10.7	717	0.3	0.01	0.5	3	230	7.1
G005203	0.2	0.08	<0.1	<0.005	0.01	1.2	5.4	10.4	553	0.15	0.01	0.2	1.9	50	4
G005204	4.16	0.35	0.2	<0.005	0.11	2.3	18.9	0.99	92	0.24	0.01	0.7	6	270	47.9
G005205	1.05	0.08	0.1	0.005	0.03	3	3.8	10.35	618	0.28	0.01	0.5	4.4	100	13.7
G005206	0.58	0.08	0.1	<0.005	0.07	3.8	5.3	10.6	609	0.48	0.01	0.5	3.2	90	13.7
G005207	0.55	0.08	0.1	<0.005	0.04	2.1	4.1	10.6	682	0.2	0.01	0.3	2.7	120	11.3
G005208	0.17	0.07	<0.1	<0.005	0.02	1.2	2.9	11.7	513	0.16	0.01	0.2	1.3	40	3.1
G005209	0.2	0.09	<0.1	<0.005	0.01	1.1	2.6	11.6	493	0.11	0.02	0.1	1.2	40	2.9
G005210	0.67	0.11	<0.1	0.008	0.04	2	3.7	10.75	572	0.11	0.01	0.2	1.9	240	21.4
G005211	0.39	0.09	<0.1	<0.005	0.02	1.6	2.9	11.25	685	0.15	0.01	0.2	1.9	60	9
G005212	0.41	0.08	<0.1	<0.005	0.01	1.5	2.2	11.25	717	0.09	0.01	0.1	1.6	60	9.4
G005213	0.21	0.08	<0.1	<0.005	0.02	1.7	2.6	11.25	726	0.19	0.01	0.1	1.6	50	5.1
G005214	14.8	0.2	1.2	0.367	1.61	13.7	21.3	0.81	1300	7.48	1.13	5.7	30.2	470	8140
G005215	0.45	<0.05	0.1	<0.005	0.07	3.1	4.1	11.2	647	0.16	0.01	0.3	1.9	210	9.1
G005216	0.16	0.07	<0.1	<0.005	0.02	1.7	2.6	11.65	623	0.09	0.01	0.2	3.2	70	3.8

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

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

Finalized Date: 20-AUG-2008
Account: F

Project: GOZ Batch 16

CERTIFICATE OF ANALYSIS TR08103829

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	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
G005181		1.1	<0.002	>10.0	123	0.4	36	1	1.9	<0.05	0.07	<0.2	<0.005	1.21	0.1	<1
G005182		1.8	<0.002	3.75	370	0.7	11	1	15.8	<0.05	<0.05	1	0.007	0.38	1	1
G005183		0.6	<0.002	0.79	72.3	0.7	10	<0.2	44	<0.05	<0.05	0.3	0.005	0.11	0.5	2
G005184		0.9	<0.002	5.41	22.9	0.3	13	0.9	15	<0.05	<0.05	0.5	<0.005	0.46	0.6	1
G005185		1.1	<0.002	0.03	0.7	0.4	2	<0.2	54.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	2
G005186		0.7	<0.002	0.67	26.5	0.2	5	0.3	11.7	<0.05	<0.05	0.3	<0.005	0.18	0.5	1
G005187		1.7	<0.002	0.88	32.4	0.2	4	0.4	28.1	<0.05	<0.05	0.5	0.007	0.21	0.9	1
G005188		1.7	<0.002	1.71	48.2	0.2	4	0.5	41.3	<0.05	<0.05	0.6	0.009	0.58	1	1
G005189		0.6	<0.002	>10.0	713	0.7	23	5.6	10.7	<0.05	<0.05	0.2	<0.005	1.24	0.4	<1
G005190		0.5	<0.002	6.4	568	0.7	17	2.8	9.4	<0.05	0.06	<0.2	<0.005	0.82	0.3	<1
G005191		1.2	<0.002	0.05	3.62	0.5	2	<0.2	54.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.7	2
G005192		0.5	<0.002	1.23	29.5	0.3	8	0.2	38.2	<0.05	<0.05	0.2	<0.005	0.16	0.3	1
G005193		123.5	0.01	5.78	113	13.3	23	11.2	206	0.38	0.05	3.6	0.27	2.36	2.7	93
G005194		0.9	<0.002	1.48	26.8	1	6	0.9	54.8	<0.05	0.05	0.3	0.005	0.18	0.5	1
G005195		0.4	<0.002	0.44	12.75	0.3	3	<0.2	67	<0.05	<0.05	<0.2	<0.005	0.05	0.3	<1
G005196		0.2	<0.002	0.15	11.25	0.3	3	<0.2	55.8	<0.05	<0.05	<0.2	<0.005	0.04	0.4	<1
G005197		0.2	<0.002	0.12	9.63	0.2	2	<0.2	54.1	<0.05	<0.05	<0.2	<0.005	0.04	0.5	<1
G005198		0.7	<0.002	0.32	27.1	0.3	3	<0.2	73.6	<0.05	<0.05	0.2	<0.005	0.06	0.6	1
G005199		3.2	<0.002	0.15	5.42	0.6	2	<0.2	143.5	<0.05	<0.05	0.5	0.011	0.08	0.9	3
G005200		6.2	<0.002	0.33	6.4	1	2	0.2	213	0.06	<0.05	1.3	0.024	0.16	1.2	5
G005201		0.8	<0.002	0.21	2	0.4	2	<0.2	148	<0.05	<0.05	0.3	0.005	0.05	0.8	2
G005202		1	<0.002	0.67	3.59	0.5	3	<0.2	145	<0.05	<0.05	0.5	0.009	0.24	0.8	3
G005203		0.3	<0.002	0.24	1.68	0.5	2	<0.2	69.4	<0.05	<0.05	<0.2	<0.005	0.04	0.4	2
G005204		4.1	<0.002	4.98	15.1	<0.1	11	1.2	71	<0.05	<0.05	1.2	0.017	0.72	1.1	2
G005205		1.3	<0.002	0.68	5.57	0.5	3	<0.2	107	<0.05	<0.05	0.4	0.009	0.15	0.8	3
G005206		2.9	<0.002	0.56	4.22	0.6	3	<0.2	96.9	<0.05	<0.05	0.5	0.009	0.09	0.7	3
G005207		1.4	<0.002	0.65	3.75	0.4	2	<0.2	70.7	<0.05	<0.05	0.2	<0.005	0.06	0.6	2
G005208		0.5	<0.002	0.13	0.71	0.2	2	<0.2	69.4	<0.05	<0.05	<0.2	<0.005	0.03	0.4	<1
G005209		0.5	<0.002	0.14	0.6	0.2	2	<0.2	65.1	<0.05	<0.05	<0.2	<0.005	0.03	0.4	1
G005210		1.3	<0.002	0.56	7.92	0.3	3	<0.2	70.1	<0.05	<0.05	0.2	<0.005	0.06	0.6	2
G005211		0.7	<0.002	0.24	3.15	0.3	2	<0.2	54.7	<0.05	<0.05	<0.2	<0.005	0.05	0.4	1
G005212		0.3	<0.002	0.56	3.37	0.2	3	<0.2	62.9	<0.05	<0.05	<0.2	<0.005	0.06	0.4	1
G005213		0.7	<0.002	0.15	0.93	0.2	2	<0.2	66.8	<0.05	<0.05	<0.2	<0.005	0.04	0.4	1
G005214		124.5	0.011	5.74	111.5	13	23	11.3	206	0.38	<0.05	3.5	0.268	2.34	2.6	91
G005215		2.7	<0.002	0.2	1.09	0.4	2	<0.2	80.8	<0.05	<0.05	0.3	0.007	0.06	0.7	3
G005216		0.7	<0.002	0.1	0.54	0.2	2	<0.2	59.7	<0.05	<0.05	<0.2	<0.005	0.02	0.5	3

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

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

Finalized Date: 20-AUG-2008
Account: F

Project: GOZ Batch 16

CERTIFICATE OF ANALYSIS TR08103829

Sample Description	Method / Analyte / Units / LOR	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-CON02 Zn % 0.01	Zn-OG62 Zn % 0.01
G005181		0.1	0.2	>10000	0.7	43.20	>30.0
G005182		0.3	1.6	>10000	3.2		9.23
G005183		0.3	1.4	>10000	2		10.85
G005184		0.1	1	>10000	1.6		14.40
G005185		0.1	1	778	<0.5		
G005186		0.4	0.5	>10000	1.2		5.05
G005187		0.6	0.8	>10000	3.1		3.38
G005188		0.4	1	>10000	4.5		3.14
G005189		0.3	0.3	>10000	0.7		25.2
G005190		0.8	0.2	>10000	0.8		18.20
G005191		0.1	1.1	916	0.5		
G005192		0.2	1.4	>10000	1.3		8.94
G005193		3.1	13.3	>10000	40		1.30
G005194		0.2	1.5	>10000	2.4		5.10
G005195		0.3	2.6	>10000	0.9		1.24
G005196		0.1	2.8	6060	0.6		
G005197		0.1	3	3800	0.7		
G005198		0.3	2.8	5520	1.1		
G005199		0.6	3.7	599	5		
G005200		1.2	4.2	478	13.1		
G005201		0.4	2.7	2570	2.6		
G005202		1.1	2.8	6390	5.1		
G005203		0.5	1.6	2950	1.1		
G005204		1.6	0.9	>10000	6.1		10.00
G005205		0.7	2.6	6690	5.1		
G005206		0.4	2.7	6880	4.9		
G005207		0.2	2.2	4800	2.5		
G005208		0.1	1.6	688	1		
G005209		0.1	1.7	1100	0.9		
G005210		0.2	2.4	6150	1.8		
G005211		0.1	2	3730	1.2		
G005212		0.1	2	6710	0.6		
G005213		0.1	2.2	1040	1		
G005214		3.2	13.4	>10000	38.3		1.31
G005215		0.4	2.6	874	3.1		
G005216		0.2	2.2	823	1.4		

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To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2008
Account: F

Project: GOZ Batch 16

CERTIFICATE OF ANALYSIS TR08103829

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

Finalized Date: 18-AUG-2008
Account: F

CERTIFICATE TR08098523

Project: GOZ - BATCH 7

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Terrace, 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

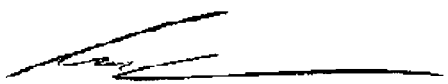
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ARCHER, CATHRO AND 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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Finalized Date: 18-AUG-2008
Account: F

Project: GOZ - BATCH 7

CERTIFICATE OF ANALYSIS TR08098523

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
G005217		3.59	0.02	0.1	7	20	0.15	0.08	17.75	0.02	2.29	0.9	2	0.09	1.7	0.7
G005218		3.65	0.02	0.08	5	20	0.1	0.02	17.25	0.02	2.02	0.8	2	0.07	1.5	0.67
G005219		2.67	0.02	0.05	7	20	0.13	0.03	17.85	0.02	2	0.8	2	<0.05	1.2	0.79
G005220		2.93	0.02	0.04	6	10	0.12	<0.01	17.9	0.02	1.75	0.8	1	<0.05	1	0.83
G005221		3.41	0.04	0.05	6	20	0.1	0.01	17	0.03	1.77	0.8	1	<0.05	1	0.73
G005222		3.99	0.03	0.1	7	20	0.16	0.01	17.95	0.59	4.42	1.1	1	0.07	1.8	0.71
G005223		3.47	1.22	0.08	11	30	0.21	0.03	15.6	127	4.25	1	1	0.08	54.1	0.72
G005224		0.13	59.1	3.27	157.5	20	0.5	55.7	1.92	341	9.16	92.9	80	2.35	>10000	15.5
G005225		3.35	0.26	0.13	10	40	0.17	0.22	16.75	14.9	5.71	1.5	2	0.12	26.7	0.75
G005226		2.55	0.64	0.09	16	40	0.14	0.1	15.1	20.2	3.13	1.6	2	0.07	21.9	0.87
G005227		1.68	9.61	0.16	162	10	<0.05	0.16	0.97	511	0.67	0.5	9	0.28	58.8	0.42
G005228		3.62	0.13	0.07	10	30	0.16	0.04	16.05	30.9	2.97	1	2	0.05	5	0.53
G005229		3.75	0.06	0.08	9	20	0.13	0.04	14.4	14.15	3.24	1	4	0.07	5.6	0.65
G005230		2.16	0.36	0.08	21	60	0.13	0.04	16.9	14.85	2.97	1.5	3	0.05	5.9	0.94
G005231		1.40	1.68	0.11	53.4	20	<0.05	0.08	1.95	465	1.11	0.9	13	0.18	29.1	0.89
G005232		0.64	1.6	0.11	35.1	40	0.06	0.12	2.38	498	1.27	0.8	15	0.19	26.3	0.75
G005233		3.50	0.04	0.1	11	50	0.12	0.03	14.75	5.29	3.61	1.2	6	0.08	2.5	0.73
G005234		3.39	0.02	0.07	9	80	0.17	0.02	17.65	7.31	3.89	1.1	2	<0.05	3	0.63
G005235		3.83	0.08	0.06	12	60	0.11	0.02	17.35	22.6	3.08	1.4	2	<0.05	5.1	0.71
G005236		3.39	0.09	0.05	17	30	0.09	0.03	16.7	16.7	3.61	1.5	2	<0.05	5.2	0.88
G005237		3.09	0.38	0.05	17	20	0.09	0.02	14.1	34.3	2.88	1.6	4	<0.05	9.2	0.94
G005238		3.66	9.21	0.14	50.4	10	<0.05	0.03	0.64	406	0.65	0.4	25	0.16	104.5	0.23
G005239		3.12	3.56	0.1	23.6	20	<0.05	0.01	6.2	310	2.21	1.4	15	0.07	59.2	0.52
G005240		0.12	>100	5.35	4290	190	0.95	0.15	2.19	133	28.1	13.7	44	4.28	456	7.54
G005241		2.56	3.59	0.12	21.2	10	0.05	0.04	4.42	342	1.07	0.6	12	0.12	39	0.48
G005242		2.03	3.19	0.14	28.3	10	<0.05	0.04	2.22	228	0.69	0.7	16	0.12	33.2	0.46
G005243		3.06	1.36	0.09	8	10	0.07	0.02	10.8	88	1.84	1.2	11	0.08	16.1	0.6
G005244		2.01	0.06	0.04	11	80	0.11	0.02	17.15	11.2	2.67	1.3	2	<0.05	1.8	0.61
G005245		2.18	20.9	0.09	63.9	30	0.05	0.05	2.83	551	0.51	0.6	7	0.15	191.5	0.46
G005246		1.59	0.15	0.15	<5	40	0.38	0.04	19.75	0.84	5.51	1.6	18	0.34	3.6	0.43
G005247		2.76	0.12	0.06	6	20	0.11	0.02	15.85	12.4	2.36	0.9	3	<0.05	3.8	0.56
G005248		3.72	1.48	0.09	11	10	0.05	0.01	8.63	96.8	1.04	0.6	6	0.08	12.7	0.46
G005249		2.56	0.6	0.14	12.2	50	0.06	0.02	9.88	44.1	2.03	1	8	0.13	6.7	0.78
G005250		1.76	2.81	0.28	16.6	90	0.07	0.04	0.58	218	3.53	1.3	27	0.3	25.5	0.85
G005251		1.92	5.86	0.21	17.2	40	<0.05	0.04	0.41	216	1.56	1.4	26	0.19	40.2	0.84
G005252		1.55	0.17	0.08	5	10	0.05	0.02	19.1	0.64	2.47	1.1	13	0.22	1.9	0.41

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

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

Finalized Date: 18-AUG-2008
Account: F

Project: GOZ - BATCH 7

CERTIFICATE OF ANALYSIS TR08098523

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	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
G005217		0.33	<0.05	<0.1	<0.005	0.04	1.5	3	11.2	626	0.09	0.01	0.2	0.4	160	1.9
G005218		0.29	<0.05	<0.1	<0.005	0.03	1.3	2.9	10.8	622	0.08	0.01	0.2	0.3	50	2.3
G005219		0.21	<0.05	<0.1	<0.005	0.02	1.3	2.6	11.15	718	0.09	0.01	0.2	<0.2	70	2.4
G005220		0.2	<0.05	<0.1	<0.005	0.01	1.2	2.3	11.2	743	0.07	0.01	0.2	<0.2	50	6.6
G005221		0.22	<0.05	<0.1	<0.005	0.01	1.1	2.9	10.7	611	0.07	0.01	0.2	0.2	60	7
G005222		0.37	<0.05	0.1	<0.005	0.04	2.7	4.4	11.2	580	0.15	0.01	0.3	0.6	140	3.3
G005223		4.73	0.06	<0.1	0.034	0.03	2.6	3.9	9.75	587	0.14	0.01	0.2	2	80	6.2
G005224		16.5	0.37	0.4	2.45	0.56	3.5	31.4	1.09	590	36	0.63	1.9	49.7	360	>10000
G005225		0.87	<0.05	0.1	0.013	0.05	3.4	4.4	10.65	580	0.29	0.01	0.3	2.4	120	27.8
G005226		0.68	<0.05	0.1	0.01	0.02	2	6	9.55	541	0.28	0.01	0.2	2.7	90	26
G005227		1.19	0.05	<0.1	0.006	0.02	1.1	19.4	0.51	52	0.31	<0.01	0.2	1.7	50	>10000
G005228		0.36	0.05	<0.1	<0.005	0.02	1.8	4.7	10.15	442	0.13	0.01	0.2	2.3	70	109
G005229		0.33	0.05	<0.1	<0.005	0.02	2.1	6.7	9.05	445	0.31	0.01	0.2	2.4	110	89
G005230		0.58	0.05	<0.1	<0.005	0.02	1.9	5.1	10.75	653	0.19	0.01	0.2	3.2	90	40
G005231		0.77	0.13	<0.1	<0.005	0.02	0.7	13.7	1.05	105	0.52	<0.01	0.3	3	100	2050
G005232		0.68	0.43	<0.1	<0.005	0.02	0.7	13	1.28	96	0.42	<0.01	0.2	2.2	100	1265
G005233		0.33	0.06	<0.1	<0.005	0.03	2.1	6.4	10.1	578	0.33	0.01	0.2	0.3	120	29.1
G005234		0.27	0.05	<0.1	<0.005	0.02	2.5	3.3	11.3	579	0.13	0.01	0.2	2.3	110	10.9
G005235		0.38	0.06	<0.1	<0.005	0.01	2	3.7	11	583	0.2	0.01	0.2	2.9	80	9.5
G005236		0.4	0.06	<0.1	<0.005	0.01	2.2	3.4	10.65	722	0.2	0.01	0.2	2.8	60	8.6
G005237		0.49	0.05	<0.1	<0.005	0.01	1.8	6.1	8.9	598	0.43	<0.01	0.2	3.4	60	86.3
G005238		2.92	0.05	<0.1	0.053	0.02	<0.5	20.9	0.33	39	0.81	<0.01	0.1	1.8	50	2280
G005239		2.31	0.05	<0.1	0.032	0.01	1.3	19.7	3.51	258	0.37	<0.01	0.1	3.1	100	487
G005240		14.5	0.18	1.3	0.375	1.53	13.6	21.4	0.77	1315	7.22	1.13	5.6	28.3	480	8400
G005241		1.08	0.19	<0.1	0.008	0.02	0.6	22.7	2.49	150	0.32	<0.01	0.2	1.8	90	746
G005242		1.02	0.08	<0.1	0.009	0.01	<0.5	30.2	1.23	102	0.37	<0.01	0.2	2.1	50	870
G005243		0.5	0.14	<0.1	<0.005	0.01	1.1	15.7	6.77	581	0.14	0.01	0.1	1.4	40	231
G005244		0.31	<0.05	<0.1	<0.005	0.01	1.8	2.8	11.05	575	0.06	0.01	0.1	2.9	80	7.7
G005245		7.8	0.07	<0.1	0.254	0.01	<0.5	15.3	1.55	134	0.2	<0.01	0.1	1.6	40	847
G005246		0.39	0.07	<0.1	0.01	0.06	3.4	1.4	12.7	208	0.14	0.01	0.3	3.9	200	3.2
G005247		0.31	<0.05	<0.1	<0.005	0.01	1.6	5.1	10.15	509	0.13	0.01	0.1	2.5	60	7.7
G005248		0.44	0.1	<0.1	0.006	0.01	0.6	16.3	5.35	324	0.12	<0.01	0.1	1.6	40	102
G005249		0.68	<0.05	0.1	<0.005	0.04	1.1	11.8	6.27	429	0.24	<0.01	0.3	2.3	140	5.5
G005250		1.36	<0.05	0.2	<0.005	0.08	1.9	20.2	0.28	46	0.59	<0.01	0.7	3.6	310	16.1
G005251		1.18	<0.05	0.1	0.006	0.04	0.9	21.5	0.19	42	0.53	<0.01	0.4	3.1	200	13.6
G005252		0.3	0.07	<0.1	0.009	0.03	1.8	0.8	12.45	185	0.12	0.01	0.3	2.4	160	2.1

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VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2008
Account: F

Project: GOZ - BATCH 7

CERTIFICATE OF ANALYSIS TR08098523

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	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
G005217		1.3	<0.002	0.09	0.38	0.3	2	<0.2	58.1	<0.05	<0.05	0.2	<0.005	0.03	0.5	3
G005218		1	<0.002	0.06	0.3	0.3	2	<0.2	49.7	<0.05	<0.05	<0.2	<0.005	0.02	0.4	3
G005219		0.6	<0.002	0.1	0.33	0.3	2	<0.2	59.7	<0.05	<0.05	<0.2	<0.005	0.02	0.5	3
G005220		0.5	<0.002	0.15	0.51	0.3	2	<0.2	57.8	<0.05	<0.05	<0.2	<0.005	0.02	0.3	2
G005221		0.5	<0.002	0.13	0.41	0.2	2	<0.2	55.3	<0.05	<0.05	<0.2	<0.005	0.03	0.5	2
G005222		1.4	<0.002	0.24	0.62	0.4	2	<0.2	66.4	<0.05	<0.05	0.2	0.005	0.05	0.6	1
G005223		1.2	<0.002	3.75	2.96	0.4	6	0.3	57.7	<0.05	<0.05	0.2	<0.005	0.18	0.7	1
G005224		22.8	0.019	>10.0	90.6	13.1	70	11.6	68.3	0.14	0.09	0.8	0.221	6.05	3	95
G005225		1.9	<0.002	0.71	1.19	0.5	3	<0.2	62.4	<0.05	<0.05	0.3	0.007	0.1	0.9	2
G005226		0.9	<0.002	0.79	7.46	0.4	3	<0.2	60.5	<0.05	<0.05	0.2	<0.005	0.11	0.6	2
G005227		0.8	<0.002	9.68	7850	0.1	15	0.4	5.1	<0.05	<0.05	<0.2	<0.005	1.67	0.4	<1
G005228		0.7	<0.002	0.28	35.3	0.4	3	<0.2	52.7	<0.05	<0.05	0.2	<0.005	0.09	0.5	1
G005229		0.8	<0.002	0.24	38.2	0.3	3	<0.2	50.8	<0.05	<0.05	0.2	<0.005	0.07	0.6	1
G005230		0.8	<0.002	0.77	11.7	0.3	3	<0.2	75.7	<0.05	<0.05	0.2	<0.005	0.1	0.6	1
G005231		0.9	<0.002	8.35	627	0.1	13	0.2	11.6	<0.05	<0.05	<0.2	<0.005	0.81	0.4	<1
G005232		1	<0.002	8.54	380	0.1	14	0.2	14.3	<0.05	0.05	0.2	<0.005	0.73	0.4	<1
G005233		1	<0.002	0.39	10.2	0.3	3	<0.2	68.2	<0.05	<0.05	0.2	<0.005	0.07	0.8	1
G005234		0.7	<0.002	0.2	5.48	0.3	2	<0.2	80.2	<0.05	<0.05	0.2	<0.005	0.06	0.8	2
G005235		0.6	<0.002	0.32	5.73	0.3	3	<0.2	65.6	<0.05	<0.05	0.2	<0.005	0.08	0.7	1
G005236		0.5	<0.002	0.4	2.77	0.3	3	<0.2	53	<0.05	<0.05	<0.2	<0.005	0.08	0.6	2
G005237		0.3	<0.002	0.74	32.9	0.3	3	<0.2	41.5	<0.05	<0.05	<0.2	<0.005	0.12	0.6	2
G005238		0.7	<0.002	7.25	725	0.1	13	0.7	6.1	<0.05	<0.05	<0.2	<0.005	0.8	0.3	<1
G005239		0.4	<0.002	4.12	124	0.2	10	0.4	19.4	<0.05	<0.05	<0.2	<0.005	0.47	0.4	<1
G005240		117.5	0.01	5.85	111.5	12.2	21	11.3	198.5	0.36	0.05	3.9	0.278	2.24	2.8	88
G005241		0.6	<0.002	7.71	142	0.2	12	0.2	13	<0.05	<0.05	<0.2	<0.005	0.43	0.5	<1
G005242		0.5	<0.002	5	283	0.2	9	0.2	8.9	<0.05	<0.05	<0.2	<0.005	0.32	0.4	<1
G005243		0.3	<0.002	1.65	84.9	0.2	7	<0.2	30.4	<0.05	<0.05	<0.2	<0.005	0.15	0.5	<1
G005244		0.3	<0.002	0.11	6.29	0.2	3	<0.2	63.7	<0.05	<0.05	<0.2	<0.005	0.04	0.5	1
G005245		0.5	<0.002	>10.0	285	0.1	17	1.7	17.1	<0.05	<0.05	<0.2	<0.005	0.82	0.3	<1
G005246		2.3	0.003	<0.01	0.6	0.3	1	<0.2	54.8	<0.05	<0.05	0.3	0.005	<0.02	0.9	2
G005247		0.4	<0.002	0.17	2.51	0.3	2	<0.2	51.5	<0.05	<0.05	<0.2	<0.005	0.04	0.6	1
G005248		0.3	<0.002	2.2	44.4	0.2	4	<0.2	25.4	<0.05	<0.05	<0.2	<0.005	0.14	0.5	<1
G005249		1.5	<0.002	1.24	5.47	0.5	3	<0.2	41.9	<0.05	<0.05	0.3	0.005	0.12	0.7	3
G005250		3.3	<0.002	5.38	12.05	0.1	8	0.2	33.1	<0.05	<0.05	0.9	0.014	0.34	1.5	2
G005251		1.7	<0.002	5.16	7.47	0.1	8	0.2	13.5	<0.05	<0.05	0.5	0.006	0.31	1.2	1
G005252		1.4	0.003	<0.01	0.17	0.2	1	<0.2	56.7	<0.05	<0.05	0.2	<0.005	<0.02	0.6	1

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CERTIFICATE OF ANALYSIS TR08098523

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Zn-OG62
	Analyte	W	Y	Zn	Zr	Zn
	Units	ppm	ppm	ppm	ppm	%
	LOR	0.1	0.1	2	0.5	0.01
G005217		0.1	2	1180	1.1	
G005218		0.1	1.7	787	0.8	
G005219		0.1	1.8	221	<0.5	
G005220		0.1	1.7	212	2.7	
G005221		0.1	1.6	144	<0.5	
G005222		0.2	3.1	446	1.3	
G005223		0.2	3	>10000	1.6	6.74
G005224		54.7	11.1	>10000	10.5	7.37
G005225		0.3	2.9	6600	3	
G005226		0.4	1.9	>10000	1.8	1.26
G005227		0.2	0.3	>10000	0.8	19.60
G005228		0.2	1.9	>10000	1.2	1.62
G005229		0.1	2.2	5660	1.2	
G005230		0.2	2	7260	1.2	
G005231		0.3	0.4	>10000	1	17.20
G005232		1	0.7	>10000	1.2	17.65
G005233		0.2	2.4	3170	1.6	
G005234		0.2	2.9	3740	1.2	
G005235		0.2	2.2	>10000	1.2	1.22
G005236		0.1	2.8	7030	1	
G005237		0.1	2.3	>10000	1	2.54
G005238		0.1	0.3	>10000	0.6	16.55
G005239		0.1	1.3	>10000	0.8	13.45
G005240		3.1	13	>10000	40.3	1.30
G005241		0.1	0.7	>10000	0.8	15.75
G005242		0.1	0.4	>10000	0.6	10.45
G005243		0.2	1.4	>10000	0.6	4.39
G005244		0.1	2	6000	0.8	
G005245		0.3	0.3	>10000	0.5	22.8
G005246		0.1	1.1	354	0.5	
G005247		0.1	1.8	5210	0.9	
G005248		0.1	0.8	>10000	0.7	4.18
G005249		0.2	1.1	>10000	1.9	2.24
G005250		0.5	0.8	>10000	5.7	10.55
G005251		0.2	0.5	>10000	2.8	10.65
G005252		0.1	1.1	234	<0.5	

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CERTIFICATE OF ANALYSIS TR08098523

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

Finalized Date: 20-AUG-2008
Account: F

CERTIFICATE TR08098522

Project: GOZ Batch 8

P.O. No.:

This report is for 10 Drill Core samples submitted to our lab in Terrace, 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-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing 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	
Zn-CON02	Control Zinc	
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

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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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Account: F

Project: GOZ Batch 8

CERTIFICATE OF ANALYSIS TR08098522

Sample Description	Method	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
G005253		1.24	7.75	0.17	30.7	10	0.05	0.08	0.06	450	1	0.8	23	0.19	33	0.56
G005254		1.07	15.8	0.12	28.9	<10	<0.05	0.02	0.06	717	0.79	0.7	14	0.2	114	0.42
G005255		2.63	10.3	0.2	19.8	10	0.05	0.03	0.14	316	1.34	1	33	0.22	53.9	0.56
G005256		1.80	5.46	0.27	11.4	30	0.05	0.03	0.85	116	2.29	1.3	37	0.27	25	0.43
G005257		1.51	0.02	0.06	<5	<10	0.06	0.03	18.1	0.38	1.22	1.1	5	0.16	2.2	0.4
G005258		1.19	0.67	0.14	7	90	0.1	0.01	14.1	26.3	2.06	1.4	6	0.1	7.5	0.64
G005259		0.95	0.65	0.21	17.1	10	0.08	0.03	7.79	38.1	2.2	1.4	13	0.22	12.9	0.7
G005260		4.48	0.2	0.1	<5	10	0.13	0.02	15.95	24.4	2.62	1.2	6	0.1	7.1	0.54
G005261		0.12	60.6	3.35	151.5	190	0.41	64.5	1.96	339	10.5	83.4	83	2.83	>10000	15.6
G005262		3.62	0.16	0.17	8	10	0.15	0.15	15.35	8.92	3.15	1.2	8	0.17	11.7	0.47

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

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Finalized Date: 20-AUG-2008
Account: F

Project: GOZ Batch 8

CERTIFICATE OF ANALYSIS TR08098522

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	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
G005253		2.34	0.06	0.1	0.006	0.03	0.5	17.7	0.04	25	0.28	0.01	0.2	2	60	27.5
G005254		3.28	1.24	0.1	0.025	0.02	<0.5	14	0.04	14	0.25	0.01	0.2	1.6	60	10.7
G005255		1.92	0.14	0.1	0.015	0.05	0.7	19.4	0.07	23	0.32	0.01	0.3	2.6	90	13
G005256		1.09	0.05	0.2	<0.005	0.07	1.2	28.1	0.45	45	0.42	0.01	0.5	3.2	150	7.2
G005257		0.27	0.08	<0.1	<0.005	0.03	0.5	1	11.65	183	0.09	0.01	0.2	2.6	190	1.9
G005258		0.6	0.05	0.1	<0.005	0.03	1	7	8.89	535	0.09	0.01	0.2	1.5	110	4.5
G005259		1.02	<0.05	0.1	<0.005	0.07	1.1	20.1	4.56	318	0.23	0.01	0.4	1.6	130	6.9
G005260		0.72	0.32	0.1	<0.005	0.03	1.6	5.3	10.2	478	0.1	0.01	0.2	0.6	50	4.8
G005261		15.45	0.46	0.4	3.03	0.61	3.8	30.3	1.11	624	37.5	0.69	1.9	45.4	360	>10000
G005262		0.89	0.06	0.1	0.015	0.07	1.8	6.9	9.74	407	1.61	0.01	0.4	1	50	11.9

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Finalized Date: 20-AUG-2008
Account: F

Project: GOZ Batch 8

CERTIFICATE OF ANALYSIS TR08098522

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	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
G005253		1.2	<0.002	8.88	24.9	0.1	26	0.2	4	<0.05	<0.05	0.3	<0.005	0.79	0.5	<1
G005254		1.1	<0.002	>10.0	16.4	0.1	41	0.3	1.6	<0.05	<0.05	0.3	<0.005	0.7	0.4	<1
G005255		1.8	<0.002	6.79	14.95	0.2	20	0.2	4.6	<0.05	<0.05	0.4	0.005	0.35	0.7	1
G005256		2.9	<0.002	2.78	6.7	0.3	9	0.2	12.3	<0.05	<0.05	0.7	0.012	0.2	1.4	2
G005257		1.3	<0.002	0.03	0.23	0.5	3	<0.2	50.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.8	2
G005258		1.2	<0.002	0.53	3.56	0.6	6	<0.2	83.5	<0.05	<0.05	0.2	<0.005	0.07	0.7	3
G005259		2.7	<0.002	1.18	2.85	0.5	5	0.2	20.1	<0.05	<0.05	0.6	0.009	0.25	1.2	4
G005260		1.3	<0.002	0.43	1.84	0.4	4	<0.2	65.7	<0.05	<0.05	0.3	<0.005	0.06	0.5	3
G005261		24.1	0.024	>10.0	95	13.4	81	13.5	69.4	0.15	0.12	0.9	0.222	6.47	3.2	101
G005262		2.5	<0.002	0.21	3.16	0.5	3	0.2	59.6	<0.05	<0.05	0.4	0.008	0.07	0.7	4

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2008
Account: F

Project: GOZ Batch 8

CERTIFICATE OF ANALYSIS TR08098522

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Zn-CON02	Zn-OG62
	Analyte	W	Y	Zn	Zr	Zn	Zn
	Units	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	0.1	2	0.5	0.01	0.01
G005253		0.5	0.3	>10000	4		20.2
G005254		0.1	0.2	>10000	1.4	32.74	>30.0
G005255		0.2	0.4	>10000	2		15.15
G005256		0.4	0.6	>10000	5.9		5.62
G005257		0.1	1	240	<0.5		
G005258		0.2	1.2	>10000	1.6		2.29
G005259		0.3	0.8	>10000	3.8		2.32
G005260		0.1	1.5	9570	1.9		
G005261		57.9	12.4	>10000	11.7		7.24
G005262		0.2	1.7	5020	2.8		

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Project: GOZ Batch 8

CERTIFICATE OF ANALYSIS TR08098522

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: 20-AUG-2008
Account: F

CERTIFICATE TR08098521

Project: GOZ Batch 5

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Terrace, BC, Canada on 21-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-24	Pulp Login - Rcd w/o Barcode
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	
Zn-CON02	Control Zinc	
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ARCHER, CATHRO AND 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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Finalized Date: 20-AUG-2008
Account: F

Project: GOZ Batch 5

CERTIFICATE OF ANALYSIS TR08098521

Sample Description	Method	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
G005145		4.06	1.15	0.09	17	50	0.08	0.08	16.75	31.8	3.7	1	2	0.07	44.3	0.9
G005146		0.13	>100	5.36	3960	260	0.92	0.15	2.3	125.5	28.1	12.8	45	4.12	458	7.72
G005147		3.44	0.78	0.08	35	40	0.12	0.11	17.15	13.35	2.81	1.2	2	0.06	51.8	1.46
G005148		3.78	0.28	0.11	26	20	0.16	0.07	17.2	8.34	3.67	1.6	2	0.09	24.3	1.26
G005149		3.84	0.19	0.36	31	40	0.21	0.16	17.35	7.05	5.59	2.7	4	0.29	9.8	1.4
G005150		3.92	0.41	0.39	17	40	0.19	0.07	17.65	6.07	5.24	2	5	0.28	12.2	1.18
G005151		3.54	0.94	0.08	37	20	0.15	0.05	18.05	51.7	2.48	1.5	3	0.05	47.5	1.4
G005152		3.70	0.91	0.11	27	20	0.15	0.09	17.6	54.6	3.85	1.3	4	0.08	41.4	0.97
G005153		3.62	0.04	0.06	5	10	0.15	0.75	18.35	1.57	2.22	0.8	4	<0.05	2.6	0.56
G005154		3.62	0.07	0.11	9	20	0.16	0.05	18.65	2.8	3.82	1.3	5	0.09	4	0.71
G005155		3.78	0.16	0.19	25	20	0.12	0.03	17.95	0.51	5.18	2	5	0.15	3.4	1.63
G005156		3.32	0.1	0.22	18	80	0.15	0.03	18.15	0.4	6.12	1.7	6	0.18	3.4	1.17
G005157		4.69	0.06	0.13	8	30	0.11	0.03	17.35	0.84	4.15	1.3	4	0.11	4.7	0.88
G005158		2.95	0.14	0.1	11	40	0.11	0.04	17.9	1.21	2.84	1.5	2	0.07	2.4	1.04
G005159		4.18	0.09	0.12	13	50	0.15	0.1	18.65	2.02	3.67	1.6	3	0.1	3.2	0.87
G005160		2.37	0.1	0.16	17	110	0.2	0.05	17.65	2.06	3.71	1.7	4	0.13	4.1	1.22
G005161		1.60	0.02	0.05	<5	10	0.05	0.03	19.75	0.1	1.09	1.2	3	0.1	0.8	0.45
G005162		3.40	0.13	0.29	26	90	0.19	0.02	18.7	7.49	4.66	1.5	5	0.2	4.1	0.89
G005163		3.29	0.04	0.14	6	40	0.1	0.02	19	1.4	2.85	1.1	5	0.11	1.6	0.84
G005164		1.26	0.1	0.17	10	100	0.13	0.02	16.85	2.59	6.92	1.1	5	0.07	3.9	0.49
G005165		2.50	0.16	0.26	7	130	0.14	0.02	14.95	8.55	5.39	1	5	0.1	7.2	0.53
G005166		2.20	0.57	0.77	24	100	0.24	0.03	15.15	7.92	9.01	1.8	10	0.51	5.9	0.7
G005167		1.34	3.21	1.48	128	450	0.31	0.04	5.63	101	12.85	3.4	12	0.58	23.5	1.22
G005168		1.35	1.91	0.41	57.1	90	0.07	0.06	1.06	30	3.59	2.3	24	0.23	19.8	0.48
G005169		0.13	62.6	3.4	167.5	40	0.45	60.8	2.06	358	10.1	89.7	87	2.31	>10000	16.15
G005170		1.46	3.93	0.47	84.5	80	0.14	0.3	0.76	71.4	5.76	0.7	22	0.36	80.1	0.72
G005171		2.75	7.95	0.43	47.2	60	0.06	0.1	0.8	203	5.84	0.6	39	0.27	171	0.67
G005172		1.55	0.07	0.08	<5	10	0.09	0.06	19.45	0.71	1.38	1.1	4	0.15	2.5	0.41
G005173		1.18	20.9	0.32	71.9	50	0.06	0.07	0.18	512	8.79	0.8	34	0.23	299	0.52
G005174		2.24	44	0.12	137	10	<0.05	0.09	0.5	>1000	1.51	0.7	14	0.25	486	0.44
G005175		2.40	4.51	0.18	37	20	<0.05	0.04	0.15	269	1.17	0.4	46	0.14	99.75	0.36
G005176		2.71	9.73	0.25	58.4	40	0.05	0.08	0.21	240	4.23	0.9	27	0.15	118	0.55
G005177		1.49	34.5	0.55	130	50	0.18	0.06	0.07	836	2.94	1.3	24	0.56	478	0.98
G005178		0.50	20.2	0.5	79.7	60	0.08	0.08	0.08	643	2.77	1.1	15	0.53	394	1
G005179		1.43	6.83	0.33	51.5	50	0.07	0.04	0.12	459	3.59	0.9	29	0.29	176.5	0.71
G005180		3.31	4.66	0.13	27.3	10	<0.05	0.02	1.09	589	0.69	0.5	15	0.15	80.2	0.32

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2008
Account: F

Project: GOZ Batch 5

CERTIFICATE OF ANALYSIS TR08098521

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	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
G005145		1.56	<0.05	<0.1	0.015	0.03	2.2	3.7	10.55	678	0.23	0.01	0.2	1.1	200	9.8
G005146		13.6	1.28	1.2	0.342	1.65	12.7	21.2	0.81	1320	6.4	1.14	5.2	26.5	480	8460
G005147		1.05	<0.05	<0.1	0.015	0.03	1.7	4.2	10.65	741	0.23	0.01	0.2	1.9	80	69.4
G005148		0.61	<0.05	0.1	0.006	0.04	2.2	4.8	10.85	603	0.22	0.01	0.4	3.4	100	17.5
G005149		1.26	0.1	0.1	0.006	0.15	3.5	8.6	11.05	725	0.63	0.02	0.7	3.8	200	15.5
G005150		1.4	0.06	0.2	<0.005	0.16	3	9.6	11.2	751	0.44	0.01	0.7	1.8	150	9.2
G005151		1.97	0.06	<0.1	0.025	0.03	1.5	4.3	11.45	569	0.3	0.01	0.2	0.9	90	19.6
G005152		1.66	0.06	0.1	0.012	0.04	2.2	5.1	11.15	544	0.22	0.01	0.3	0.5	150	9.3
G005153		0.3	0.08	<0.1	<0.005	0.02	1.3	3.6	11.85	530	0.08	0.01	0.2	<0.2	110	1.1
G005154		0.47	0.07	0.1	<0.005	0.04	2.2	4.8	12	511	0.15	0.01	0.3	0.2	150	13.6
G005155		0.56	0.06	0.1	<0.005	0.08	2.9	5.5	11.45	807	0.33	0.01	0.5	1.4	140	33
G005156		0.65	0.06	0.1	<0.005	0.09	3.3	5.4	12.1	700	0.25	0.01	0.5	1.2	230	13.1
G005157		0.47	0.06	0.1	<0.005	0.06	2.2	4.2	11.25	633	0.14	0.01	0.4	0.4	150	8.7
G005158		0.37	0.06	0.1	<0.005	0.04	1.5	3.8	11.55	614	0.15	0.01	0.3	0.4	60	50.7
G005159		0.47	0.06	0.1	0.007	0.05	1.9	3.7	12.1	618	0.11	0.01	0.3	0.9	150	9
G005160		0.68	0.09	0.1	<0.005	0.05	2.1	3.3	11.3	936	0.15	0.01	0.3	1.4	130	24.6
G005161		0.22	0.09	<0.1	<0.005	0.02	0.5	1	13.3	203	0.08	<0.01	0.2	0.3	170	1.4
G005162		1.09	0.08	0.1	0.005	0.12	2.5	5	11.95	633	0.29	0.01	0.6	0.5	120	11.2
G005163		0.49	0.06	0.1	<0.005	0.06	1.5	3.9	12.3	685	0.11	0.01	0.3	<0.2	100	5.2
G005164		0.69	0.08	0.1	<0.005	0.04	4	8.2	10.45	472	0.34	0.01	0.3	<0.2	110	2.9
G005165		1.21	0.08	0.1	<0.005	0.05	2.9	9.5	9.13	434	0.2	0.01	0.4	<0.2	200	4.3
G005166		4.15	0.08	0.4	<0.005	0.25	5	15.8	9.25	379	0.63	0.01	1.4	1.9	170	9.8
G005167		7.38	0.12	0.5	0.008	0.24	6.9	26.1	3.32	270	0.93	0.01	1.4	5.5	330	67.4
G005168		2.23	<0.05	0.1	<0.005	0.09	2	37.4	0.58	153	0.52	0.01	0.5	3.3	140	124
G005169		17.3	0.5	0.4	2.47	0.62	3.6	35.5	1.18	621	37.5	0.69	1.8	51.4	370	>10000
G005170		5.12	0.05	0.3	0.019	0.15	3	42.7	0.37	49	0.53	0.01	0.9	2.1	550	127.5
G005171		5.33	0.06	0.3	0.065	0.09	3.5	32.7	0.41	49	0.69	0.01	0.9	3.5	400	113
G005172		0.33	0.05	<0.1	0.006	0.03	0.6	1.5	12.65	179	0.12	0.01	0.4	0.7	180	3.6
G005173		9.67	0.06	0.4	0.203	0.08	5.3	28.4	0.09	25	0.51	0.01	1.3	3.5	120	292
G005174		17.75	0.12	0.1	0.392	0.02	0.9	13.1	0.26	21	0.25	0.01	0.3	1.5	90	3020
G005175		1.78	0.09	0.1	0.028	0.03	0.8	25.2	0.06	29	0.45	0.01	0.2	3.6	170	3170
G005176		4.86	0.07	0.2	0.051	0.04	2.4	33.7	0.1	44	0.48	0.01	0.6	2.6	220	3310
G005177		18.7	0.18	0.3	0.245	0.21	1.6	31	0.06	25	0.61	0.01	1	3.3	110	357
G005178		12.35	0.08	0.3	0.147	0.18	1.7	26	0.06	31	0.53	<0.01	1	3.1	120	252
G005179		6.89	<0.05	0.2	0.113	0.1	2.1	24.6	0.06	28	0.56	<0.01	0.7	3.3	150	271
G005180		2.34	0.18	<0.1	0.025	0.01	<0.5	19.3	0.58	59	0.26	<0.01	0.1	1.8	80	865

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

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

Finalized Date: 20-AUG-2008
Account: F

Project: GOZ Batch 5

CERTIFICATE OF ANALYSIS TR08098521

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	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
G005145		1.1	<0.002	0.97	10.8	0.1	4	0.2	70.7	<0.05	<0.05	0.2	<0.005	0.07	0.7	2
G005146		114	0.007	5.83	111	11	21	11.1	201	0.36	0.07	3.5	0.274	2.09	2.6	90
G005147		1	<0.002	1.09	39.3	<0.1	3	0.2	63.5	<0.05	<0.05	<0.2	<0.005	0.09	0.5	3
G005148		1.4	<0.002	0.99	5.04	0.1	3	<0.2	60.5	<0.05	<0.05	0.3	0.006	0.09	0.8	2
G005149		4.7	<0.002	1.12	3.42	0.6	3	0.2	70.2	0.07	<0.05	0.9	0.016	0.2	1.2	5
G005150		5.8	<0.002	0.77	3.82	0.6	1	0.2	67.7	<0.05	<0.05	0.7	0.016	0.16	0.9	5
G005151		1	<0.002	2.29	9.61	0.1	3	0.3	57.2	<0.05	<0.05	<0.2	<0.005	0.06	0.6	1
G005152		1.7	<0.002	1.93	6.43	0.2	3	0.3	74.7	<0.05	<0.05	0.2	0.005	0.07	0.7	3
G005153		0.7	<0.002	0.13	0.28	0.1	1	<0.2	55.1	<0.05	<0.05	<0.2	<0.005	0.02	0.5	1
G005154		1.6	<0.002	0.37	0.77	0.2	2	<0.2	69.6	<0.05	<0.05	0.2	0.006	0.06	0.8	3
G005155		2.9	<0.002	1.19	2.32	0.3	1	<0.2	83.1	<0.05	<0.05	0.4	0.011	0.14	0.8	6
G005156		3.4	<0.002	0.76	1.16	0.3	1	<0.2	104.5	<0.05	<0.05	0.5	0.011	0.11	1	6
G005157		2.2	<0.002	0.41	0.65	0.2	1	<0.2	76.6	<0.05	<0.05	0.3	0.007	0.06	0.6	3
G005158		1.5	<0.002	0.7	1.26	0.1	2	<0.2	66.4	<0.05	<0.05	0.2	0.005	0.06	0.5	2
G005159		1.7	<0.002	0.46	1.36	0.2	1	<0.2	90.8	<0.05	<0.05	0.3	0.006	0.07	0.8	7
G005160		1.7	<0.002	0.69	2.02	0.4	3	0.2	97.5	<0.05	<0.05	0.4	0.007	0.09	0.9	4
G005161		1.1	<0.002	0.02	<0.05	0.1	1	<0.2	51	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	2
G005162		4.1	<0.002	0.57	1.58	0.3	2	0.2	119	<0.05	<0.05	0.6	0.014	0.11	1	5
G005163		2.1	<0.002	0.31	0.54	0.2	1	<0.2	89.2	<0.05	<0.05	0.3	0.007	0.06	0.9	6
G005164		1.6	<0.002	0.07	0.86	0.4	1	<0.2	131.5	<0.05	<0.05	0.3	0.007	0.04	0.4	2
G005165		1.9	<0.002	0.05	2.5	0.6	2	0.3	133.5	<0.05	<0.05	0.4	0.008	0.06	0.5	4
G005166		10.5	<0.002	0.12	8.55	1.3	2	0.5	91.4	0.1	<0.05	1.4	0.036	0.21	0.9	13
G005167		10.2	<0.002	0.2	53.3	0.7	2	0.6	180.5	0.1	<0.05	1.8	0.04	0.35	1.5	9
G005168		3.3	<0.002	0.13	49.3	0.1	1	0.4	20.9	<0.05	<0.05	0.5	0.013	0.15	0.6	4
G005169		25.7	0.021	>10.0	92.5	13.3	82	12.1	77.6	0.16	0.11	0.8	0.233	6.41	3.1	102
G005170		6	<0.002	0.22	63.3	0.2	2	0.8	11.3	0.06	<0.05	1	0.026	0.22	1	5
G005171		3.4	<0.002	1.3	64.4	0.3	5	1.1	9.8	0.06	<0.05	0.9	0.024	0.21	0.9	3
G005172		1.6	<0.002	0.02	0.35	0.2	2	<0.2	51.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7	3
G005173		3.6	<0.002	6.24	103	0.1	12	3	7.7	0.08	<0.05	1.1	0.031	0.39	0.7	3
G005174		1	<0.002	>10.0	1135	<0.1	25	5.5	3.1	<0.05	<0.05	0.3	0.005	1.38	0.4	<1
G005175		0.8	<0.002	3.27	1115	0.2	10	1.1	3.1	<0.05	<0.05	0.2	<0.005	0.58	0.5	1
G005176		1.8	<0.002	2.06	968	0.1	7	1.3	9.2	<0.05	<0.05	0.7	0.016	0.66	0.7	2
G005177		8.5	<0.002	>10.0	190	0.2	22	3	4.2	0.07	<0.05	1	0.027	1.34	0.8	5
G005178		7.2	<0.002	>10.0	145.5	0.3	14	2.2	4.4	0.06	<0.05	0.9	0.025	0.89	0.8	3
G005179		3.9	<0.002	7.08	128.5	0.2	10	1.1	4.2	<0.05	<0.05	0.7	0.018	0.51	0.7	2
G005180		0.6	<0.002	8.72	257	0.1	12	0.7	4.7	<0.05	<0.05	<0.2	<0.005	0.53	0.2	<1

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

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

Finalized Date: 20-AUG-2008
Account: F

Project: GOZ Batch 5

CERTIFICATE OF ANALYSIS TR08098521

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Zn-CON02	Zn-OG62
	Analyte	W	Y	Zn	Zr	Zn	Zn
	Units	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	0.1	2	0.5	0.01	0.01
G005145		0.3	2.4	>10000	1.5		1.67
G005146		3.1	13.1	>10000	37.6		1.34
G005147		0.3	2.2	5730	1.2		
G005148		0.2	2.6	3910	2.4		
G005149		0.3	2.6	3740	4.2		
G005150		0.4	2.8	2370	5.5		
G005151		0.1	2.2	>10000	1.6		2.42
G005152		0.2	2.7	>10000	2.1		2.62
G005153		0.1	2	745	1.2		
G005154		0.2	2.7	1535	2.8		
G005155		0.3	3	263	4.4		
G005156		0.3	3	231	4.5		
G005157		0.3	2.3	379	3.2		
G005158		0.2	2	602	2		
G005159		0.3	2.4	870	2.6		
G005160		0.3	2.3	905	3		
G005161		0.1	0.9	29	0.5		
G005162		0.4	1.9	2510	4.4		
G005163		0.3	1.8	599	2.7		
G005164		0.3	3.3	1540	2.2		
G005165		0.5	1.8	4370	3		
G005166		3.8	2.2	2540	11.6		
G005167		3	1.4	>10000	14.5		1.43
G005168		1	0.5	6520	4.2		
G005169		56.4	12	>10000	11.7		6.93
G005170		1.5	1.4	>10000	10.2		1.08
G005171		1.5	1.2	>10000	7.9		5.24
G005172		0.1	0.9	107	0.7		
G005173		2.1	0.8	>10000	12.4		14.45
G005174		0.3	0.3	>10000	2.4	30.52	>30.0
G005175		0.3	0.4	>10000	1.4		7.42
G005176		3	0.7	>10000	6		5.46
G005177		0.5	0.6	>10000	9		28.3
G005178		0.5	0.6	>10000	8.8		22.0
G005179		0.9	0.7	>10000	6.1		15.55
G005180		0.1	0.3	>10000	0.7		19.70

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

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To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
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VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2008
Account: F

Project: GOZ Batch 5

CERTIFICATE OF ANALYSIS TR08098521

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.

VA08092489 - Finalized
CLIENT : "F - Archer ssociates (1981) Limited"
# of SAMPLES : 36
DATE RECEIVED : 2008-07-08 DATE FINALIZED : 2008-08-20
PROJECT : "GOZ"
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. "
PO NUMBER : "Batch #2"

SAMPLE DESCRIPTION	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
G005037	0.14	0.06	8	20	0.14	0.87	19.95	32.9	2.06	1	4	0.09	6.8
G005038	0.01	0.05	<5	10	0.12	0.04	18.4	4.66	1.43	0.8	3	0.11	2.2
G005039	61.7	3.42	125.5	50	0.38	59.4	2.03	358	9.27	87.1	84	2.42	>10000
G005040	2.22	0.04	13	60	0.1	0.65	16.5	85.7	1.15	0.8	3	0.06	85.3
G005041	0.18	0.05	15	40	0.17	0.03	17.6	24.1	2.05	1.1	2	0.08	8.5
G005042	0.09	0.03	<5	30	0.16	0.03	17.6	61.9	1.87	0.8	3	0.05	6.1
G005043	0.24	0.04	<5	10	0.13	0.03	16.85	82.4	1.15	0.6	4	0.06	6.2
G005044	4.57	0.25	17.9	30	0.1	0.08	2.56	578	2.7	1	6	0.3	62.7
G005045	6.45	0.37	42.7	50	0.1	0.45	5.73	473	5.08	1.2	8	0.42	215
G005046	5.88	0.39	22.5	40	<0.05	0.05	5.95	128	4.46	1.6	12	0.38	67.2
G005047	15.1	0.15	12	20	0.17	0.03	14.55	159.5	3.52	1.5	4	0.15	57.7
G005048	7.03	0.7	14	70	0.21	0.04	10.55	68.6	8.42	1.6	10	0.74	17.8
G005049	11.6	0.68	9.4	70	0.2	0.05	7.9	135	8.34	1.8	11	0.61	34.7
G005050	6.95	0.24	8	30	0.14	0.02	14.85	63	4.65	1.2	4	0.26	13.2
G005051	5.08	0.38	10.1	40	0.11	0.02	8.73	55.4	4.76	1.1	7	0.36	7.7
G005052	87.1	0.36	13.2	30	0.15	0.38	3.14	631	5.04	1.1	10	0.47	33.5
G005053	53.4	0.22	7.2	20	<0.05	0.09	7.56	321	3.34	0.8	15	0.26	25
G005054	>100	0.28	10.3	20	<0.05	0.06	2.41	710	10.65	0.8	14	0.36	29.37
G005055	3.52	0.15	6	10	<0.05	0.02	14.05	45	2.76	0.6	5	0.15	4.5
G005056	16.35	0.19	6.5	10	0.1	0.04	7.8	244	2.65	0.7	10	0.19	20.5
G005057	19.85	0.22	8.8	20	<0.05	0.04	1.16	418	2.26	0.5	11	0.21	50.5
G005058	>100	5.61	4330	300	0.94	0.19	2.3	137.5	29	14.4	48	4.7	453
G005059	26.1	0.16	16.1	10	<0.05	0.03	2.38	504	1.91	0.6	15	0.18	53.9
G005060	0.78	0.27	6	30	0.13	0.04	17.45	14.4	6.62	1.1	8	0.27	3
G005061	6.49	0.3	5	30	0.12	0.02	11.55	119	3.83	1.1	8	0.32	29.5
G005062	15.1	0.81	30.1	70	0.3	0.16	0.99	252	8.61	1.2	24	0.97	191
G005063	14.35	0.66	25.4	60	0.13	0.05	1.4	198	10.15	1.4	30	0.74	189.5
G005064	9.62	0.44	10.8	40	<0.05	0.02	8.73	167	6.55	1.1	10	0.48	17.3
G005065	22.7	0.5	13.3	40	0.15	0.03	2.15	405	6.53	1.2	23	0.49	33.2
G005066	>100	0.33	12.7	30	<0.05	0.03	0.24	911	4.22	0.8	11	0.41	40.5
G005067	0.24	0.05	<5	20	<0.05	0.02	21.1	3.18	1.16	1	2	0.14	2
G005068	78.1	0.69	24.7	50	0.08	0.04	0.19	557	7.79	2	21	0.71	25
G005069	77.5	0.59	19.1	40	0.15	0.03	0.33	560	6.73	1.6	17	0.64	24.4
G005070	31.6	0.62	19.8	40	0.1	0.32	0.2	223	7.63	1.7	22	0.58	14.6
G005071	84.3	0.36	62.9	30	<0.05	0.07	0.19	758	3.76	3.2	16	0.43	56.7
G005072	33.6	0.46	13.4	40	0.05	0.04	0.28	438	5.51	1.2	16	0.49	14.7

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	ME-MS61
Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
0.52	0.46	0.06	<0.1	0.008	0.02	1.3	2.8	12.3	464	0.05	0.01	0.1	<0.2	70	5.6
0.57	0.26	0.09	<0.1	<0.005	0.01	0.9	2	11.85	528	<0.05	0.01	0.1	1	60	2.1
15.65	16.75	0.48	0.4	2.49	0.59	3.8	28.2	1.17	608	32.6	0.65	1.8	47.7	390	>10000
0.42	3.49	<0.05	<0.1	0.055	0.01	0.7	3.4	10.65	407	0.34	0.01	0.1	0.8	70	37
0.76	0.44	<0.05	<0.1	<0.005	0.01	1.3	2.4	11.4	562	0.11	0.01	0.2	1.3	120	11.3
0.59	0.21	<0.05	<0.1	<0.005	0.01	1.2	1.6	11.45	475	0.08	0.01	0.1	1.2	70	17.3
0.45	0.27	0.07	<0.1	<0.005	0.01	0.7	2.8	10.9	432	0.08	0.01	0.1	0.8	60	96.1
0.42	3.03	0.21	0.1	0.079	0.08	1.5	14.1	1.45	93	0.26	0.01	0.4	1.8	130	241
0.57	9.19	0.23	0.2	0.226	0.13	2.9	16.5	3.19	209	0.34	0.01	0.7	2.5	290	72.2
0.71	3.23	0.16	0.2	0.051	0.14	2.5	19.3	3.42	224	0.37	0.01	0.6	2.8	420	17.9
0.79	1.7	0.18	0.1	0.016	0.05	2.2	6.8	9.3	491	0.23	0.01	0.3	2	140	22.2
0.76	2.04	0.37	0.3	0.007	0.31	4.7	22.9	6.6	333	0.28	0.01	1.1	2.8	370	8.2
0.83	2.63	0.12	0.3	0.011	0.27	4.9	23.3	4.59	280	0.41	0.01	1	3.2	390	24.2
0.72	1.1	0.15	0.1	0.011	0.1	2.8	10.3	9.63	459	0.18	0.01	0.4	1.5	170	6.3
0.62	1.05	0.05	0.1	<0.005	0.14	2.7	21.8	5.1	319	0.28	0.01	0.6	1.6	330	5.1
0.5	2.29	13.8	0.2	0.005	0.14	2.6	27.2	1.8	117	0.58	0.02	0.5	4.3	140	13.3
0.52	1.33	0.32	0.1	<0.005	0.08	1.7	23.7	4.43	265	0.43	0.01	0.4	1.9	140	8.1
0.4	1.53	8.86	0.1	0.01	0.11	2.2	23.8	1.36	96	0.37	0.02	0.4	1.9	150	10.9
0.61	0.43	<0.05	0.1	<0.005	0.05	1.7	17.2	8.39	457	0.19	0.01	0.3	1.1	210	2.4
0.47	0.97	0.15	0.1	0.005	0.06	1.3	26.3	4.5	257	0.28	0.01	0.3	1.4	130	5.3
0.31	2.2	0.17	0.1	0.01	0.07	1.1	24.8	0.62	49	0.4	0.02	0.4	1.6	70	7.7
7.91	15.4	0.2	1.5	0.397	1.66	14	21.7	0.83	1340	7.86	1.14	5.7	28.4	480	8780
0.35	1.95	0.3	<0.1	0.011	0.04	0.8	23.7	1.3	83	0.32	0.02	0.2	1.3	100	17.7
0.66	0.65	<0.05	0.1	<0.005	0.11	3.7	16.1	10.45	458	0.24	0.01	0.5	1.8	130	3.8
0.65	1	<0.05	0.1	<0.005	0.11	2.2	23.6	7.12	438	0.27	<0.01	0.5	2.5	140	4.9
0.53	2.82	0.51	0.3	0.017	0.34	4.6	62.1	0.55	42	0.38	0.02	1.3	2.8	300	15.5
0.5	2.98	0.54	0.3	<0.005	0.27	5.3	67.7	0.73	56	0.54	0.01	1.1	2.9	560	13.2
0.69	1.58	0.11	0.2	<0.005	0.18	3.4	32.2	5.06	306	0.28	0.01	0.7	2.3	180	7.8
0.59	1.73	0.29	0.2	0.005	0.2	3.3	35.9	1.17	81	0.38	0.02	0.7	3	250	13.6
0.38	2.03	3.79	0.2	0.007	0.13	2.1	47	0.13	14	0.28	0.02	0.5	1.7	130	15.4
0.43	0.22	0.06	<0.1	0.005	0.03	0.6	1.2	12.75	183	0.07	<0.01	0.2	2.5	180	1.6
0.94	1.92	3.17	0.3	<0.005	0.27	4.4	79.5	0.11	14	0.49	0.02	1.1	4	210	22.5
0.74	1.85	4.37	0.2	<0.005	0.23	3.7	75.1	0.18	16	0.52	0.02	1	3.4	210	17.7
0.85	1.72	0.11	0.2	0.081	0.23	4.1	95.6	0.1	17	0.59	0.01	1.1	3.6	290	18.7
1.87	1.82	4.69	0.2	0.009	0.14	2	49	0.1	14	0.45	0.02	0.7	5.2	140	47.2
0.67	1.21	3.69	0.2	<0.005	0.18	2.9	55.2	0.14	19	0.41	0.02	0.7	2.2	240	20.2

ME-MS61 Rb ppm	ME-MS61 Re ppm	ME-MS61 S %	ME-MS61 Sb ppm	ME-MS61 Sc ppm	ME-MS61 Se ppm	ME-MS61 Sn ppm	ME-MS61 Sr ppm	ME-MS61 Ta ppm	ME-MS61 Te ppm	ME-MS61 Th ppm	ME-MS61 Ti %	ME-MS61 Tl ppm	ME-MS61 U ppm	ME-MS61 V ppm	ME-MS61 W ppm
0.7	<0.002	0.14	5.48	0.2	2	<0.2	53.4	<0.05	<0.05	0.2	<0.005	0.03	0.4	<1	0.1
0.8	<0.002	0.06	2.4	0.2	3	<0.2	47.1	<0.05	<0.05	<0.2	<0.005	0.02	0.4	<1	0.1
25.8	0.021	>10.0	88.7	12	80	11.2	74.1	0.16	0.1	0.8	0.23	5.72	3	101	57
0.3	<0.002	0.77	19.9	<0.1	6	1	43.6	<0.05	<0.05	<0.2	<0.005	0.3	0.4	<1	0.3
0.7	<0.002	0.37	15.55	0.3	3	<0.2	67.7	<0.05	<0.05	<0.2	<0.005	0.14	0.4	<1	0.1
0.3	<0.002	0.16	10.65	0.2	3	<0.2	54.6	<0.05	<0.05	<0.2	<0.005	0.05	0.5	<1	0.1
0.4	<0.002	0.33	34.4	0.2	3	<0.2	49.1	<0.05	<0.05	<0.2	<0.005	0.06	0.4	<1	0.1
3.2	<0.002	>10.0	74.1	<0.1	18	0.7	9.4	<0.05	<0.05	0.6	0.012	0.71	0.5	2	0.3
5.2	<0.002	5.09	76	<0.1	12	2.4	24.1	0.05	<0.05	1.1	0.018	0.7	1	3	0.5
5.9	<0.002	3.25	15	<0.1	6	0.8	22	0.05	<0.05	0.9	0.016	0.25	1	3	0.4
2	<0.002	3.38	11.85	<0.1	7	0.3	45.2	<0.05	<0.05	0.4	0.008	0.2	0.6	1	0.2
11.9	<0.002	1.99	2.64	0.6	4	0.3	30.7	0.08	<0.05	1.3	0.028	0.24	1.1	7	0.6
10.2	<0.002	3.21	5.42	0.1	6	0.4	25.1	0.08	<0.05	1.4	0.028	0.34	1.2	7	0.6
4	<0.002	1.62	2.47	0.5	4	0.2	39.8	<0.05	<0.05	0.5	0.01	0.15	0.7	3	0.2
5.5	<0.002	1.5	1.38	0.5	4	0.2	27	<0.05	<0.05	0.8	0.014	0.15	0.9	4	0.3
5.9	<0.002	>10.0	3.35	0.5	13	0.7	10.6	0.05	0.1	0.8	0.013	0.6	0.6	2	0.4
3	<0.002	6.58	2.73	0.7	9	0.7	18.6	<0.05	0.1	0.5	0.007	0.32	0.5	3	0.3
4.1	<0.002	>10.0	3.03	0.3	15	0.8	8.7	<0.05	<0.05	0.7	0.01	0.64	0.6	1	0.3
1.8	<0.002	1.04	0.55	0.6	2	<0.2	31.3	<0.05	<0.05	0.4	0.006	0.06	0.5	2	0.2
2.1	<0.002	5.33	1.95	0.5	7	0.7	18.8	<0.05	<0.05	0.4	0.006	0.18	0.5	1	0.3
2.6	<0.002	9.16	5.21	0.3	11	0.8	4.5	<0.05	<0.05	0.5	0.01	0.2	0.5	<1	0.2
134	0.013	5.79	119	12.9	24	12.3	200	0.41	0.05	3.8	0.285	2.27	2.8	94	3.5
1.7	<0.002	>10.0	5.36	0.5	13	0.7	7.2	<0.05	<0.05	0.4	<0.005	0.29	0.3	<1	0.2
4.3	<0.002	0.58	0.83	0.9	1	<0.2	41.1	<0.05	<0.05	0.8	0.013	0.08	0.7	5	0.3
4.2	<0.002	3.14	1.19	0.7	7	0.2	35.4	<0.05	<0.05	0.5	0.012	0.14	0.6	7	0.2
14.1	0.006	5.11	7.03	0.4	6	0.8	5.6	0.1	<0.05	1.1	0.035	0.33	1.5	6	0.9
11	<0.002	4.14	4.86	0.5	5	0.7	7.7	0.08	<0.05	1.8	0.029	0.24	2	6	0.7
6.6	<0.002	4.05	1.8	0.6	5	0.7	24.8	0.06	0.08	0.8	0.018	0.23	0.7	4	0.4
6.9	<0.002	8.47	3.65	0.5	9	0.6	7.8	0.05	0.07	1	0.02	0.31	1.2	4	0.4
4.8	<0.002	>10.0	3.88	0.3	18	0.6	2.3	<0.05	0.07	0.6	0.012	0.58	0.7	1	0.2
1.1	<0.002	0.09	0.09	0.4	1	<0.2	46.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	1	0.1
10	<0.002	9.34	5.54	0.6	10	0.6	3	0.08	<0.05	1.3	0.028	0.56	1.6	5	0.5
8.9	<0.002	9.28	4.2	0.6	11	0.7	3.1	0.07	0.06	1.1	0.024	0.5	1.4	4	0.5
8.9	<0.002	4.4	6.11	0.6	5	0.7	3.2	0.07	0.06	1.2	0.025	0.24	1.9	5	0.5
4.9	<0.002	>10.0	11.4	0.3	15	0.6	2.3	<0.05	0.07	0.8	0.014	0.62	1.2	1	0.3
6.2	<0.002	7.65	4.49	0.4	8	0.6	3.1	0.05	<0.05	0.9	0.018	0.42	1.3	3	0.3

ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62	Zn-CON02
Y	Zn	Zr	Ag	Cu	Pb	Zn	Zn
ppm	ppm	ppm	ppm	%	%	%	%
2.2	3530	0.8				0.38	
1.8	1790	0.7				0.18	
11.8	>10000	11.4		1.375	1.62	7.28	
1.2	>10000	0.7				3.69	
2.3	>10000	1.2				1.49	
1.5	4880	1				0.57	
1.3	>10000	0.9				1.23	
0.7	>10000	3.5				21.9	
1.4	>10000	5.9				11.85	
1.6	>10000	5.8				5.64	
1.7	>10000	3.2				6.14	
2	>10000	9.5				2.83	
1.7	>10000	9.1				5.51	
2.3	>10000	3.7				2.9	
1.5	>10000	4.8				2.89	
0.8	>10000	4.5				25.5	
1	>10000	2.6				13.85	
0.7	>10000	3.5	119			27.4	
1.6	>10000	2.1				2.08	
1	>10000	2.4				10.9	
0.4	>10000	2.6				19.7	
14.1	>10000	41.6	355			1.36	
0.5	>10000	1.6				23.6	
1.9	7110	4.8				0.76	
1.3	>10000	4.1				5.05	
1.6	>10000	9.6				10.85	
2	>10000	9.5				8.28	
1.3	>10000	5.5				7.01	
1.2	>10000	6				16.4	
0.6	>10000	4.2	117			>30.0	31.3
1	1310	0.5				0.19	
1.2	>10000	8.8				18.75	
1.1	>10000	7.8				20	
1.4	>10000	8.3				8.33	
0.7	>10000	4.7				27.1	
0.9	>10000	5.4				16	

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

Finalized Date: 6-AUG-2008
Account: F

CERTIFICATE VA08092488

Project: GOZ

P.O. No.: Batch #3

This report is for 36 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 8-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
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-CON02	Control Zinc	
ME-MS61	48 element four acid ICP-MS	

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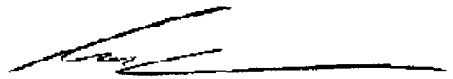
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VA08092488

Sample Description	Method	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
G005073		2.81	1.8	0.75	22	50	0.35	0.04	14.4	22.7	11.6	1.6	9	0.74	8.4	0.83
G005074		2.45	38.6	0.36	81	20	0.11	0.02	0.7	471	3.89	1.1	20	0.38	783	0.47
G005075		1.11	31.3	0.37	61.9	30	0.29	0.04	1.06	419	4.36	1.1	18	0.32	626	0.6
G005076		2.39	60.7	0.34	218	20	2.12	0.06	0.12	986	7.65	1.8	14	0.5	2000	0.5
G005077		2.72	48.5	0.27	351	20	<0.05	0.06	0.12	951	6.85	1.3	13	0.22	2460	0.74
G005078		2.66	25.6	0.3	390	20	<0.05	0.06	0.11	866	7.89	0.9	14	0.33	2390	0.54
G005079		0.20	>100	5.38	4240	330	0.9	0.13	2.25	134	28.9	12.9	46	4.07	468	7.63
G005080		3.69	0.67	0.21	15	50	0.16	0.03	16.35	14.4	4.59	0.9	5	0.19	28.2	0.69
G005081		4.08	0.22	0.26	11	30	0.21	0.01	16.75	2.49	4.64	1.1	7	0.22	12.9	0.72
G005082		3.72	0.28	0.64	22	40	0.29	0.03	16.2	7.75	8.57	1.6	7	0.51	7.6	0.82
G005083		3.50	0.2	0.36	9	40	0.17	0.02	16.4	2.46	5.42	1.4	4	0.31	4.9	0.76
G005084		3.66	0.15	0.27	13	60	0.2	0.02	17.2	1.92	5.75	1.3	4	0.21	2.7	0.83
G005085		3.63	0.14	0.28	5	90	0.17	0.02	17.35	4.78	4.95	1.2	4	0.23	4.2	0.7
G005086		3.51	0.65	0.27	25	190	0.21	0.02	16	21.4	4.93	1.3	4	0.23	16.9	0.86
G005087		3.58	0.09	0.14	<5	200	0.1	<0.01	17.1	0.67	3.14	0.8	3	0.11	1.1	0.73
G005088		2.45	0.9	0.35	12	260	0.22	0.4	16.4	15.75	13.6	2	7	0.39	14.4	0.8
G005089		1.81	19.2	0.65	39.7	20	0.36	0.16	3.22	607	33.5	4	19	0.69	179.5	1.18
G005090		2.54	7.44	2.35	49	30	0.41	0.14	1.93	395	41.3	7.8	41	1.47	113	2.07
G005091		0.68	0.84	0.95	19	460	0.24	0.07	14.8	35.8	17	3.8	13	0.72	12.2	1.35
G005092		2.10	29.5	3.47	38.1	40	0.45	0.1	0.4	806	26.3	6.1	24	2.2	284	2.25
G005093		1.35	9.23	6.57	28.3	140	0.74	0.07	1.5	504	22.8	6.5	19	2.77	154.5	2.55
G005094		4.07	1.55	0.29	6	140	0.16	0.01	16.85	29.1	4.99	1.1	4	0.26	13.4	0.58
G005095		1.61	0.03	0.07	<5	10	0.07	0.04	18.45	1.24	1.16	1	2	0.14	2.2	0.4
G005096		0.16	60	3.36	126.5	50	0.41	55.9	1.98	350	9.64	87.6	81	2.41	>10000	15.35
G005097		3.34	0.63	0.24	20	140	0.15	0.11	18.35	13.25	5.59	1.7	5	0.25	14.3	1.15
G005098		3.82	0.4	0.12	18	80	0.13	0.05	18.45	8.53	3.51	1.2	6	0.11	8.5	0.83
G005099		3.62	0.97	0.04	5	70	0.1	0.01	18.35	16	2.81	0.8	4	0.05	8.9	0.69
G005100		1.06	35	0.02	31	30	0.33	0.03	14.5	374	3.43	0.7	8	<0.05	169	0.7
G005101		3.01	0.19	0.06	5	60	0.08	0.01	17.85	2.26	3.27	0.9	3	0.06	2.8	0.68
G005102		3.63	0.4	0.1	<5	190	0.14	0.01	16.5	35.6	3.19	0.8	3	0.09	3.6	0.65
G005103		3.74	0.04	0.1	6	40	0.09	<0.01	16.2	1.23	3.02	0.8	2	0.11	1.9	0.62
G005104		3.58	0.02	0.05	<5	20	0.09	<0.01	17.1	0.22	1.93	0.7	2	0.06	1.4	0.53
G005105		2.78	0.06	0.06	6	20	0.09	0.01	15.55	5.59	2.23	0.8	6	0.06	3.5	0.74
G005106		3.52	0.09	0.05	8	20	0.06	0.02	14.5	5.99	1.56	0.7	5	0.06	7.9	0.66
G005107		3.83	1.52	0.08	15	20	0.12	0.01	12.05	79.8	1.48	0.5	5	0.07	56	0.49
G005108		3.08	0.66	0.14	11.5	10	0.05	0.03	5.54	57.7	0.82	0.4	9	0.13	21.3	0.34

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

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

Finalized Date: 6-AUG-2008
Account: F

Project: GOZ

CERTIFICATE OF ANALYSIS VA08092488

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	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
G005073		1.73	0.07	0.3	<0.005	0.34	6.3	28.8	9.1	389	0.33	0.01	1.4	3.2	320	14.1
G005074		4.07	11.3	0.1	<0.005	0.12	1.9	56.9	0.37	30	0.37	0.01	0.7	2.1	180	31.7
G005075		3.14	8.75	0.2	<0.005	0.12	2.2	52.8	0.58	49	0.66	0.01	0.7	2.2	200	32.5
G005076		12.2	108.5	0.2	<0.005	0.11	2	34.6	0.06	12	1.64	0.01	0.8	2.1	170	86.8
G005077		23.7	137.5	0.1	0.068	0.09	1.5	34.5	0.06	16	0.46	0.01	0.5	3.9	140	184
G005078		20.3	106.5	0.1	0.067	0.11	2.1	29.6	0.05	14	0.08	0.01	0.8	0.5	200	130.5
G005079		14.05	0.14	1.4	0.331	1.6	12.9	18.5	0.8	1320	7.22	1.12	5.2	27.7	490	8350
G005080		0.77	0.05	0.1	<0.005	0.09	2.7	7.1	10.45	442	0.44	0.01	0.4	1.3	130	8.7
G005081		0.76	<0.05	0.1	<0.005	0.11	2.7	6.8	10.75	444	0.3	0.01	0.6	2.9	90	7.3
G005082		1.68	<0.05	0.3	<0.005	0.28	4.8	11.4	10.35	427	0.55	0.02	1.1	2.8	200	17.5
G005083		0.93	<0.05	0.1	<0.005	0.15	3.1	8.4	10.45	464	0.36	0.01	0.7	1.9	110	8.1
G005084		0.69	<0.05	0.1	<0.005	0.11	3.2	6.3	10.95	491	0.32	0.01	0.5	2.3	160	9.2
G005085		0.82	<0.05	0.1	<0.005	0.12	2.8	6.5	11.1	439	0.31	0.01	0.5	1.5	160	5.8
G005086		1.38	<0.05	0.1	<0.005	0.11	2.7	7.6	10.1	437	0.2	0.02	0.5	2.2	430	13.1
G005087		0.52	<0.05	<0.1	<0.005	0.05	1.9	5.3	10.9	523	0.11	0.02	0.2	1.1	260	6.6
G005088		2.36	0.13	0.3	0.013	0.15	7.9	10.8	10.6	457	0.24	0.02	1.1	6.5	210	18.3
G005089		14.65	0.16	0.7	0.169	0.27	21.1	19	1.88	98	0.5	0.01	2.8	9.5	290	53.5
G005090		15.15	0.08	1.4	0.053	0.76	25.7	28.3	1.17	78	0.92	0.01	4.8	14.8	710	43.5
G005091		4.92	0.05	0.6	0.009	0.34	10.3	11.8	9.64	561	0.69	0.01	2.2	6.3	500	12.4
G005092		21.6	0.27	1.1	0.17	1.22	17	18.5	0.34	20	0.75	0.01	3.6	11.3	810	43.2
G005093		23.8	0.26	1.2	0.035	2.31	13.7	19.1	1.04	46	0.86	0.01	3.2	12.4	930	41.2
G005094		2	0.08	0.1	0.016	0.11	3.1	5.5	11	431	0.17	0.01	0.7	1.5	180	4.3
G005095		0.33	0.14	<0.1	<0.005	0.03	0.6	0.8	12.1	173	0.2	<0.01	0.2	2.4	170	2.1
G005096		16.8	0.43	0.4	2.42	0.57	4	29	1.14	591	32.6	0.64	1.8	47.6	380	>10000
G005097		1.58	0.05	0.2	0.01	0.1	3.2	6.9	11.75	748	0.23	0.02	0.8	2.3	140	19.8
G005098		0.63	0.05	0.1	<0.005	0.04	2	3.7	11.9	617	0.19	0.01	0.5	1.6	100	11.8
G005099		0.52	0.07	<0.1	0.007	0.01	1.5	2.1	12.05	649	0.08	0.01	0.1	0.9	90	4
G005100		10.5	2.54	<0.1	0.192	<0.01	1.6	1.4	9.41	531	0.12	0.01	0.1	1.2	60	49.3
G005101		0.29	0.07	0.1	<0.005	0.02	2	2.3	11.55	654	0.11	0.01	0.4	0.8	70	3.3
G005102		0.43	0.08	<0.1	<0.005	0.03	2	3.2	10.7	516	0.13	0.01	0.2	0.6	180	7.8
G005103		0.39	0.08	<0.1	<0.005	0.03	1.9	3.1	10.4	583	0.12	0.01	0.2	0.7	70	4
G005104		0.21	0.11	<0.1	<0.005	0.01	1.2	2.1	11.2	547	0.09	0.01	0.1	0.7	50	1.9
G005105		0.24	0.07	<0.1	<0.005	0.01	1.4	3.8	9.97	667	0.13	0.01	0.2	1	40	13.4
G005106		0.23	0.06	<0.1	<0.005	0.01	1	4.4	9.22	607	0.08	0.01	0.1	0.8	50	17.6
G005107		1.47	0.21	<0.1	0.007	0.01	0.9	7.9	7.7	400	0.1	0.01	0.1	0.9	40	123
G005108		1	<0.05	<0.1	0.014	0.02	0.5	16.6	3.21	197	0.11	0.01	0.1	0.6	40	83.3

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Finalized Date: 6-AUG-2008
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Project: GOZ

CERTIFICATE OF ANALYSIS VA08092488

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	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
G005073		11.3	<0.002	1.09	4.59	1.2	3	0.3	50.3	0.09	<0.05	1.6	0.032	0.2	1.4	9
G005074		4.3	0.002	8.57	39.4	0.5	15	0.8	4.7	<0.05	<0.05	0.7	0.014	0.14	1	2
G005075		4.3	0.004	7.79	31.2	0.6	12	0.8	4.9	<0.05	0.09	0.7	0.015	0.1	1	3
G005076		4.3	0.002	>10.0	133.5	2.8	36	5.9	3.7	<0.05	0.68	0.8	0.013	<0.02	0.9	2
G005077		3.2	<0.002	>10.0	248	3.3	42	6.1	3.8	<0.05	1.43	0.6	0.011	<0.02	0.9	2
G005078		3.8	0.023	>10.0	227	2.7	36	5.9	3	<0.05	<0.05	2	0.011	<0.02	1.3	2
G005079		117	0.011	5.97	115	12.2	21	11.1	199.5	0.35	<0.05	4.3	0.276	1.99	2.5	94
G005080		2.9	<0.002	0.56	2.83	0.5	2	<0.2	58.3	<0.05	<0.05	0.4	0.009	0.07	0.8	5
G005081		3.6	<0.002	0.27	2.23	0.5	2	<0.2	54.9	<0.05	<0.05	0.6	0.012	0.06	0.8	6
G005082		8.7	<0.002	0.74	4.12	1.1	2	0.3	71.7	0.08	<0.05	1.3	0.029	0.16	1.2	10
G005083		5.1	<0.002	0.47	2	0.7	2	0.2	71.2	<0.05	<0.05	0.8	0.015	0.1	0.8	5
G005084		3.6	<0.002	0.57	1.58	0.5	2	0.2	81.5	<0.05	<0.05	0.7	0.013	0.09	1	5
G005085		3.9	<0.002	0.52	1.15	0.6	2	0.2	97.4	<0.05	<0.05	0.6	0.012	0.09	0.8	4
G005086		3.6	<0.002	1.02	4.89	0.6	3	0.2	142.5	<0.05	<0.05	0.6	0.012	0.11	1.1	6
G005087		1.7	<0.002	0.3	0.77	0.5	2	<0.2	160.5	<0.05	<0.05	0.3	0.005	0.04	0.8	4
G005088		6.4	<0.002	0.74	2.64	2	3	0.6	167.5	0.09	<0.05	2.2	0.028	0.14	1.1	12
G005089		12.6	<0.002	>10.0	34.3	1	18	2.4	159.5	0.19	<0.05	6.6	0.069	0.6	1.9	15
G005090		30.6	<0.002	9.93	13.05	1.1	14	2	335	0.38	<0.05	8.2	0.125	1.01	4.3	20
G005091		14.1	<0.002	1.97	3.06	2	3	0.7	327	0.15	<0.05	3	0.049	0.35	2.4	15
G005092		46	<0.002	>10.0	44.9	0.5	24	2.6	435	0.29	<0.05	5.9	0.092	2	4.6	13
G005093		96.3	<0.002	>10.0	13	0.6	18	1.5	494	0.27	0.05	5.6	0.078	1.45	7.6	10
G005094		4.7	<0.002	0.89	3.38	0.6	3	0.4	144.5	0.05	<0.05	0.7	0.015	0.11	1	4
G005095		1.3	<0.002	0.05	0.1	0.3	2	<0.2	52.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.9	1
G005096		24.6	0.02	>10.0	88	12.1	76	10.9	73	0.15	0.12	0.8	0.224	5.53	3	100
G005097		4.4	<0.002	1.01	2.15	0.9	3	0.3	136	0.06	<0.05	0.9	0.019	0.17	1.1	7
G005098		1.7	<0.002	0.58	1.48	0.4	3	<0.2	103	<0.05	<0.05	0.6	0.011	0.12	1.1	4
G005099		0.3	<0.002	0.51	2.05	0.5	3	0.2	105	<0.05	<0.05	0.2	<0.005	0.06	0.7	3
G005100		0.2	<0.002	7.58	63.3	0.7	13	1.6	105.5	<0.05	<0.05	0.2	<0.005	1.08	0.8	4
G005101		0.6	<0.002	0.35	0.7	0.4	2	<0.2	75.2	<0.05	<0.05	0.4	0.008	0.06	0.7	3
G005102		1.1	<0.002	0.38	4.05	0.3	3	<0.2	109.5	<0.05	<0.05	0.2	<0.005	0.07	0.7	2
G005103		1.4	<0.002	0.22	2.44	0.3	3	<0.2	65.8	<0.05	<0.05	0.2	<0.005	0.06	0.6	2
G005104		0.5	<0.002	0.11	0.73	0.2	2	<0.2	61.2	<0.05	<0.05	<0.2	<0.005	0.03	0.5	1
G005105		0.5	<0.002	0.26	1.56	0.2	2	<0.2	53.8	<0.05	<0.05	<0.2	<0.005	0.05	0.5	1
G005106		0.3	<0.002	0.34	2.08	0.2	2	<0.2	46.7	<0.05	<0.05	<0.2	<0.005	0.04	0.4	1
G005107		0.4	<0.002	1.59	21.1	<0.1	4	0.3	36.2	<0.05	<0.05	<0.2	<0.005	0.14	0.4	<1
G005108		0.6	<0.002	1.39	9.41	0.1	4	0.7	18.1	<0.05	<0.05	<0.2	<0.005	0.11	0.4	<1

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2008
Account: F

Project: GOZ

CERTIFICATE OF ANALYSIS VA08092488

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Zn-OG62	Zn-CON02
	Analyte	W	Y	Zn	Zr	Zn	Zn
	Units	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	0.1	2	0.5	0.01	0.01
G005073		0.7	2.6	8800	10	0.99	
G005074		0.4	0.8	>10000	4.2	18.00	
G005075		0.3	0.8	>10000	4.3	15.95	
G005076		0.7	0.7	>10000	7.8	>30.0	33.82
G005077		0.4	0.6	>10000	3.9	>30.0	34.83
G005078		0.3	0.6	>10000	3.3	>30.0	32.31
G005079		3	13.3	>10000	44.1	1.52	
G005080		0.2	2.2	5140	2.9	0.63	
G005081		0.3	2.1	1120	3.9	0.13	
G005082		0.6	2.7	3930	8.5	0.43	
G005083		0.4	2.1	1110	4.7	0.11	
G005084		0.4	3	1015	4.6	0.11	
G005085		0.4	2.4	2210	3.9	0.25	
G005086		0.4	2.4	7370	3.4	0.86	
G005087		0.3	1.9	658	1.8	0.07	
G005088		4	2.7	5580	9.4	0.66	
G005089		15.5	1.7	>10000	24.1	24.9	
G005090		20.9	2.5	>10000	43.5	17.15	
G005091		8.8	2.3	>10000	19.1	1.70	
G005092		14.7	2.1	>10000	33.4	>30.0	31.15
G005093		10.2	2.4	>10000	36.4	22.8	
G005094		2.4	1.7	>10000	4.4	1.33	
G005095		0.1	0.8	581	<0.5	0.07	
G005096		54.2	11.5	>10000	11.2	7.41	
G005097		2.5	2.3	5450	5.8	0.58	
G005098		1.1	2.1	3260	4.5	0.33	
G005099		0.3	2	5410	1.4	0.62	
G005100		0.4	1.9	>10000	1.2	14.10	
G005101		0.9	1.7	1100	2.6	0.12	
G005102		0.2	2.1	6360	1.6	0.74	
G005103		0.2	1.7	5510	1.7	0.56	
G005104		0.1	1.7	977	0.9	0.10	
G005105		0.2	1.6	3570	1.3	0.42	
G005106		0.1	1.3	4600	0.9	0.48	
G005107		0.2	1.1	>10000	0.7	3.03	
G005108		0.2	0.5	>10000	0.6	2.68	

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CERTIFICATE OF ANALYSIS VA08092488

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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QC CERTIFICATE VA08092488

Project: GOZ

P.O. No.: Batch #3

This report is for 36 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 8-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
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-CON02	Control Zinc	
ME-MS61	48 element four acid ICP-MS	

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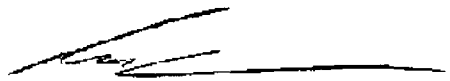
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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QC CERTIFICATE OF ANALYSIS VA08092488

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
STANDARDS																
CZn-3																
Target Range - Lower Bound																
Upper Bound																
GBM302-10																
Target Range - Lower Bound																
Upper Bound																
GBM306-12																
Target Range - Lower Bound																
Upper Bound																
GBM3961c		8.65	4.53	772	80	1.04	23.5	3.36	23.1	52.4	169.0	683	5.92	3040	9.36	14.25
GBM3961c		8.09	4.01	725	640	0.94	21.6	3.04	21.8	45.5	149.0	647	4.88	2750	8.64	12.05
Target Range - Lower Bound		7.28	3.75	669	150	0.77	18.15	2.77	19.35	43.5	144.0	594	4.83	2590	8.00	11.75
Upper Bound		8.92	4.60	818	220	1.05	22.2	3.40	23.7	53.2	176.5	728	6.01	3160	9.80	14.45
GBM398-4c																
Target Range - Lower Bound																
Upper Bound																
GBM399-5																
Target Range - Lower Bound																
Upper Bound																
GEOMS-03		0.68	4.84	601	2360	1.61	0.37	0.40	0.42	48.9	11.6	113	10.40	124.5	4.00	13.80
GEOMS-03		0.69	4.69	598	2270	1.58	0.33	0.38	0.32	48.4	10.5	109	9.56	122.5	3.93	12.85
Target Range - Lower Bound		0.67	4.61	570	2060	1.34	0.31	0.33	0.30	47.0	10.7	105	9.04	120.5	3.64	12.00
Upper Bound		0.85	5.65	697	2810	1.74	0.41	0.43	0.42	57.4	13.3	131	11.15	147.5	4.48	14.75
BLANKS																
BLANK																
BLANK																
BLANK		<0.01	<0.01	<0.2	<10	<0.05	0.01	<0.01	<0.02	0.01	<0.1	<1	<0.05	<0.2	<0.01	<0.05
BLANK		<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	0.03	0.1	1	<0.05	0.5	0.04	0.06
Target Range - Lower Bound		<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	<0.01	<0.05
Upper Bound		0.02	0.02	0.4	20	0.10	0.02	0.02	0.04	0.02	0.2	2	0.10	0.4	0.02	0.10

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

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North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 6-AUG-2008
Account: F

Project: GOZ

QC CERTIFICATE OF ANALYSIS VA08092488

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
STANDARDS																
CZn-3																
Target Range - Lower Bound																
Upper Bound																
GBM302-10																
Target Range - Lower Bound																
Upper Bound																
GBM306-12																
Target Range - Lower Bound																
Upper Bound																
GBM3961c		0.23	2.0	1.515	0.83	28.0	19.2	2.84	915	10.90	0.69	3.7	2260	300	2030	72.8
GBM3961c		0.16	1.9	1.265	0.75	23.0	16.6	2.54	829	10.40	0.63	3.5	1990	270	1760	61.5
Target Range - Lower Bound		0.17	1.5	1.250	0.68	22.9	16.8	2.32	780	8.97	0.56	3.0	1925	250	1725	60.5
Upper Bound		0.32	2.1	1.540	0.85	29.1	21.0	2.85	964	11.10	0.71	3.9	2350	330	2110	74.1
GBM398-4c																
Target Range - Lower Bound																
Upper Bound																
GBM399-5																
Target Range - Lower Bound																
Upper Bound																
GEOMS-03		0.13	1.5	0.052	1.05	28.3	44.6	0.50	498	3.26	0.08	15.4	52.1	1050	7.3	63.5
GEOMS-03		0.10	1.3	0.040	1.05	25.5	37.7	0.49	490	3.14	0.09	14.6	49.6	1030	7.0	55.7
Target Range - Lower Bound		0.10	1.2	0.035	1.03	25.6	37.6	0.48	483	3.05	0.06	13.1	48.1	970	7.2	55.7
Upper Bound		0.24	1.6	0.053	1.29	32.4	46.4	0.60	601	3.83	0.10	16.3	59.3	1210	9.9	68.3
BLANKS																
BLANK																
BLANK																
BLANK		<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5	<0.1
BLANK		<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	0.4	<10	0.6	0.1
Target Range - Lower Bound		<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5	<0.1
Upper Bound		0.10	0.2	0.010	0.02	1.0	0.4	0.02	10	0.10	0.02	0.2	0.4	20	1.0	0.2

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Finalized Date: 6-AUG-2008
Account: F

Project: GOZ

QC CERTIFICATE OF ANALYSIS VA08092488

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	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
STANDARDS																
CZn-3																
Target Range - Lower Bound																
Upper Bound																
GBM302-10																
Target Range - Lower Bound																
Upper Bound																
GBM306-12																
Target Range - Lower Bound																
Upper Bound																
GBM3961c		0.005	3.96	33.4	14.7	7	7.3	98.0	0.94	3.64	7.4	0.267	1.09	1.9	120	19.7
GBM3961c		0.004	3.58	29.6	13.1	7	6.4	90.1	0.96	3.13	6.4	0.238	0.91	1.6	104	16.9
Target Range - Lower Bound		<0.002	3.33	25.3	11.9	6	5.7	83.7	0.71	3.01	5.8	0.213	0.82	1.4	97	14.6
Upper Bound		0.007	4.10	34.4	14.8	9	7.4	102.5	0.98	3.79	7.5	0.272	1.15	1.9	120	20.0
GBM398-4c																
Target Range - Lower Bound																
Upper Bound																
GBM399-5																
Target Range - Lower Bound																
Upper Bound																
GEOMS-03		<0.002	0.04	18.45	12.6	4	2.4	167.0	1.05	0.15	6.9	0.440	1.27	3.8	113	22.3
GEOMS-03		<0.002	0.03	17.60	12.6	4	2.4	159.5	0.92	0.13	6.3	0.424	1.15	3.4	108	20.7
Target Range - Lower Bound		<0.002	0.03	15.85	12.4	2	2.1	157.5	0.81	0.07	6.2	0.409	0.99	3.1	104	18.1
Upper Bound		0.004	0.05	21.5	15.4	4	3.0	192.5	1.10	0.19	8.0	0.511	1.39	4.0	130	24.7
BLANKS																
BLANK																
BLANK																
BLANK		<0.002	<0.01	<0.05	0.1	1	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005	<0.02	<0.1	<1	<0.1
BLANK		<0.002	<0.01	<0.05	<0.1	2	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005	<0.02	<0.1	1	<0.1
Target Range - Lower Bound		<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005	<0.02	<0.1	<1	<0.1
Upper Bound		0.004	0.02	0.10	0.2	5	0.4	0.4	0.10	0.10	0.4	0.010	0.04	0.2	2	0.2

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2008
Account: F

Project: GOZ

QC CERTIFICATE OF ANALYSIS VA08092488

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.01	Zn-CON02 Zn % 0.01
STANDARDS						
CZn-3						50.95
Target Range - Lower Bound						49.11
Upper Bound						52.73
GBM302-10					14.45	
Target Range - Lower Bound					13.80	
Upper Bound					14.85	
GBM306-12					2.08	
Target Range - Lower Bound					1.97	
Upper Bound					2.13	
GBM3961c		12.4	7320	65.7		
GBM3961c		10.9	6540	60.1		
Target Range - Lower Bound		10.7	6280	52.6		
Upper Bound		13.3	7680	72.4		
GBM398-4c					0.51	
Target Range - Lower Bound					0.48	
Upper Bound					0.54	
GBM399-5					0.93	
Target Range - Lower Bound					0.91	
Upper Bound					0.99	
GEOMS-03		23.6	107	51.1		
GEOMS-03		21.0	49	38.9		
Target Range - Lower Bound		19.8	40	38.3		
Upper Bound		24.4	54	52.9		
BLANKS						
BLANK					<0.01	
BLANK					<0.01	
BLANK		<0.1	3	<0.5		
BLANK		<0.1	<2	<0.5		
Target Range - Lower Bound		<0.1	<2	<0.5	<0.01	
Upper Bound		0.2	4	1.0	0.02	

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QC CERTIFICATE OF ANALYSIS VA08092488

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
G005092																
DUP																
Target Range - Lower Bound																
Upper Bound																
G005097		0.63	0.24	20	140	0.15	0.11	18.35	13.25	5.59	1.7	5	0.25	14.3	1.15	1.58
DUP		0.54	0.23	15.0	140	0.15	0.04	17.70	12.55	5.31	1.6	5	0.22	6.3	1.10	1.52
Target Range - Lower Bound		0.55	0.21	16.4	120	0.09	0.06	17.10	12.25	5.17	1.5	4	0.17	9.6	1.06	1.42
Upper Bound		0.62	0.26	18.6	160	0.21	0.09	18.95	13.55	5.73	1.8	6	0.30	11.0	1.19	1.68
ORIGINAL		0.01	10.20	2.3	810	3.51	0.37	0.15	0.04	275	26.6	91	7.59	31.8	5.94	32.9
DUP		0.01	10.05	2.2	820	3.23	0.37	0.17	0.02	247	25.9	86	7.58	28.3	5.76	32.6
Target Range - Lower Bound		<0.01	9.61	1.9	740	3.15	0.34	0.14	<0.02	248	24.8	83	7.16	28.3	5.55	31.1
Upper Bound		0.02	10.65	2.6	890	3.59	0.40	0.18	0.04	274	27.7	94	8.01	31.8	6.15	34.4

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Finalized Date: 6-AUG-2008
Account: F

Project: GOZ

QC CERTIFICATE OF ANALYSIS VA08092488

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	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
G005092																
DUP																
Target Range - Lower Bound																
Upper Bound																
G005097		0.05	0.2	0.01	0.1	3.2	6.9	11.75	748	0.23	0.02	0.8	2.3	140	19.8	4.4
DUP		<0.05	0.2	0.007	0.10	3.0	5.9	11.55	732	0.17	0.01	0.8	2.3	130	8.0	4.3
Target Range - Lower Bound		<0.05	<0.1	<0.005	0.09	2.4	5.9	11.05	698	0.14	<0.01	0.7	2.0	120	12.7	4.0
Upper Bound		0.10	0.3	0.010	0.12	3.8	6.9	12.25	782	0.26	0.02	0.9	2.6	150	15.1	4.7
ORIGINAL		0.22	2.5	0.096	2.68	122.5	63.7	0.90	1730	0.59	0.65	10.5	50.7	760	28.1	148.0
DUP		0.18	2.4	0.100	2.63	108.5	63.1	0.90	1780	0.42	0.63	10.1	48.8	670	28.6	148.5
Target Range - Lower Bound		0.14	2.2	0.088	2.51	109.0	60.0	0.85	1660	0.43	0.60	9.7	47.1	670	26.4	140.5
Upper Bound		0.26	2.7	0.108	2.80	122.0	66.8	0.96	1850	0.58	0.68	10.9	52.4	760	30.3	156.0

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VANCOUVER BC V6B 1L8

Finalized Date: 6-AUG-2008
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Project: GOZ

QC CERTIFICATE OF ANALYSIS VA08092488

Sample Description / Method / Analyte / Units / LOR	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
DUPLICATES															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
G005092															
DUP															
Target Range - Lower Bound															
Upper Bound															
G005097	<0.002	1.01	2.15	0.9	3	0.3	136	0.06	<0.05	0.9	0.019	0.17	1.1	7	2.5
DUP	<0.002	0.98	1.89	0.8	2	0.3	133.5	0.06	<0.05	0.9	0.019	0.16	1.1	7	2.3
Target Range - Lower Bound	<0.002	0.94	1.82	0.7	<1	<0.2	128.0	<0.05	<0.05	0.7	0.013	0.13	0.9	6	2.1
Upper Bound	0.004	1.05	2.22	1.0	4	0.4	141.5	0.10	0.10	1.1	0.025	0.20	1.3	8	2.7
ORIGINAL	<0.002	0.02	0.55	19.1	2	2.9	154.5	0.75	<0.05	34.4	0.264	0.77	3.1	112	1.1
DUP	<0.002	0.01	0.52	19.0	2	2.7	153.0	0.71	<0.05	33.1	0.256	0.71	3.1	108	1.0
Target Range - Lower Bound	<0.002	<0.01	0.44	18.0	<1	2.5	146.0	0.64	<0.05	31.9	0.242	0.66	2.8	104	0.9
Upper Bound	0.004	0.02	0.63	20.1	3	3.1	161.5	0.82	0.10	35.6	0.278	0.82	3.4	117	1.2

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Finalized Date: 6-AUG-2008
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Project: GOZ

QC CERTIFICATE OF ANALYSIS VA08092488

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.01	Zn-CON02 Zn % 0.01
		DUPLICATES				
ORIGINAL					1.19	
DUP					1.23	
Target Range - Lower Bound					1.17	
Upper Bound					1.25	
ORIGINAL					1.09	
DUP					1.10	
Target Range - Lower Bound					1.06	
Upper Bound					1.13	
G005092						31.15
DUP						31.16
Target Range - Lower Bound						30.37
Upper Bound						31.94
G005097		2.3	5450	5.8		
DUP		2.2	4930	5.7		
Target Range - Lower Bound		2.0	4930	5.0		
Upper Bound		2.5	5450	6.5		
ORIGINAL		10.9	128	79.2		
DUP		10.5	134	78.3		
Target Range - Lower Bound		10.1	122	74.3		
Upper Bound		11.3	140	83.2		

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Finalized Date: 6-AUG-2008
Account: F

Project: GOZ

QC CERTIFICATE OF ANALYSIS VA08092488

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: 5-AUG-2008
Account: F

CERTIFICATE VA08091370

Project: GOZ

P.O. No.: GOZ-08-56

This report is for 36 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 4-JUL-2008.

The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

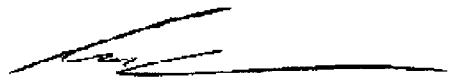
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-CON02	Control Zinc	
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	

To: **ARCHER, CATHRO AND 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

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

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

Finalized Date: 5-AUG-2008
Account: F

Project: GOZ

CERTIFICATE OF ANALYSIS VA08091370

Method	WEI-21	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	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
Sample Description LOR	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
G005001	3.18	0.44	0.08	16	10	0.06	0.02	19.1	108	2.79	1.2	2	0.05	28.1	1.17
G005002	2.46	1.18	0.05	26	10	<0.05	0.06	15.35	167	1.99	1	1	<0.05	93.1	1.36
G005003	2.46	0.27	0.06	17	10	<0.05	0.01	16.4	136	2.3	1.1	1	<0.05	29.7	1.17
G005004	3.36	0.13	0.08	11	40	0.09	0.03	17.35	270	4.72	1.1	2	0.05	12.3	0.93
G005005	3.20	0.21	0.05	14	30	0.06	0.05	16.7	204	2.25	1.1	1	<0.05	14.9	0.75
G005006	0.14	>100	5.67	4450	270	0.76	0.16	2.29	134	29.4	14	46	4.37	465	7.85
G005007	4.08	3.69	0.06	44	140	0.15	0.09	12.5	758	2.73	1.3	1	0.05	184	1.26
G005008	4.22	0.89	0.05	20	20	0.1	0.02	17.2	236	2.92	2	1	<0.05	29.1	0.95
G005009	3.80	1.98	0.04	24	30	<0.05	0.04	16.85	165.5	2.48	2.2	1	<0.05	48.6	1.14
G005010	3.54	0.59	0.05	18	40	0.1	0.01	16.7	235	2.43	1.4	1	<0.05	15	1.06
G005011	1.46	1.42	0.05	31	30	0.09	0.03	16.6	255	2.34	1.8	1	<0.05	23.2	1.33
G005012	3.26	1.91	0.05	22	20	0.18	0.92	15.4	181.5	1.83	2.2	3	0.06	39.6	1.18
G005013	0.68	45	0.04	98	<10	<0.05	2.63	1.84	>1000	3.86	3.1	5	<0.05	692	2.28
G005014	1.54	0.09	0.04	5	10	<0.05	0.06	19.8	5.68	1.15	1	<1	0.1	5.3	0.43
G005015	1.98	1.81	0.04	22	20	0.06	0.04	17.05	95.8	1.95	1.4	1	<0.05	42	1.08
G005016	3.76	2.64	0.05	24	30	0.13	0.04	17.45	100.5	2.44	1.3	1	0.08	62.6	1
G005017	3.44	0.15	0.06	5	30	0.09	0.02	19.25	6.7	3.52	0.8	2	0.06	3.5	0.63
G005018	1.60	0.39	0.03	<5	20	0.1	0.01	19	9.86	2.11	0.8	1	<0.05	7.1	0.7
G005019	1.46	14.7	0.04	40	20	0.28	0.03	13.1	440	1.85	0.7	2	0.09	227	0.87
G005020	3.66	0.68	0.08	11	30	0.08	0.01	17.65	22.8	3.58	1.1	2	0.07	16.3	0.96
G005021	3.64	0.28	0.22	10	40	0.11	0.03	16.9	14.4	5.7	1.6	3	0.19	9.5	1.09
G005022	3.68	0.04	0.07	<5	20	0.08	0.02	18.5	0.93	3.09	0.9	3	0.07	2.4	0.78
G005023	3.54	0.07	0.05	11	20	0.09	0.03	17.45	2.35	2.57	0.9	1	<0.05	3.3	0.99
G005024	3.08	0.31	0.04	16	20	0.1	0.01	18.35	20	2.37	0.9	1	<0.05	12.5	1.12
G005025	2.16	0.06	0.04	14	20	0.09	0.01	18.3	0.91	2.15	1	1	<0.05	2.4	0.93
G005026	3.72	1.26	0.08	53	110	0.13	0.41	14.6	80.7	2.37	1.8	2	0.06	56.1	2.12
G005027	0.14	>100	5.61	4350	300	1.02	0.16	2.29	134	29.8	14.6	46	4.49	458	7.71
G005028	3.26	0.4	0.06	23	20	0.1	0.04	17.95	13.45	2.68	1.1	2	<0.05	9.8	1.03
G005029	3.58	0.21	0.04	15	20	0.09	0.04	16.75	14.9	2.31	1.1	3	<0.05	10.5	1.06
G005030	1.56	0.05	0.05	<5	10	0.06	0.04	20.1	0.21	1.24	1	1	0.11	2.1	0.41
G005031	3.60	0.05	0.03	<5	10	0.12	0.05	19.05	0.33	2.06	0.7	2	<0.05	1.8	0.62
G005032	3.72	0.11	0.04	11	10	0.08	0.02	16.7	13.65	1.87	0.8	1	<0.05	9.2	0.72
G005033	3.62	0.09	0.04	18	10	0.06	0.03	17.95	2.84	1.97	1.2	1	<0.05	3.8	1.13
G005034	2.86	0.12	0.06	25	20	0.08	0.02	17.2	11.9	2.34	1.9	2	0.05	6.4	1.07
G005035	3.38	2.71	0.05	8	20	0.1	0.02	17.6	0.07	2.35	0.6	2	0.06	3.9	0.51
G005036	3.44	0.06	0.04	11	10	0.08	0.01	17.5	2.48	2.02	0.8	3	<0.05	2.4	0.89

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Finalized Date: 5-AUG-2008
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CERTIFICATE OF ANALYSIS VA08091370

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	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
G005001		1.5	0.06	<0.1	0.009	0.03	1.7	3.1	11.35	848	0.32	0.01	0.1	2.3	60	8.4
G005002		7.16	0.1	<0.1	0.085	0.01	1.2	5	9	649	0.21	0.01	0.1	2.3	50	22.4
G005003		3.48	0.07	<0.1	0.043	0.01	1.4	6.6	9.74	665	0.16	0.01	0.1	2.2	60	15.1
G005004		1.53	0.07	<0.1	0.013	0.03	2.7	4.5	10.3	638	0.2	0.01	0.2	2	100	13
G005005		1.52	0.06	<0.1	0.018	0.01	1.4	3	10	608	0.16	0.01	0.1	2.3	50	6.1
G005006		14.2	0.19	1.1	0.348	1.65	13.9	17.1	0.81	1320	7.14	1.16	5.4	28.5	500	8640
G005007		8.41	0.2	<0.1	0.087	0.02	1.5	3.2	7.3	596	0.39	0.01	0.1	1.2	60	53.3
G005008		1.42	0.06	<0.1	0.016	0.02	1.8	2.7	10.35	558	0.12	0.01	0.1	1.9	50	17.1
G005009		5.06	0.15	<0.1	0.063	0.01	1.4	3.3	10.25	587	0.17	0.01	0.1	3.5	60	29
G005010		1.27	0.06	<0.1	0.013	0.01	1.4	3.9	10.05	660	0.09	0.01	0.1	1.2	50	14.1
G005011		1.53	0.05	<0.1	0.024	0.01	1.4	3.7	9.99	683	0.13	0.01	0.1	1.4	50	19.3
G005012		3.38	0.21	<0.1	0.043	0.01	1.1	5.9	9.34	553	0.14	0.01	0.1	2.4	30	27.1
G005013		21.3	3.47	<0.1	0.426	0.01	<0.5	11.2	0.98	81	<0.05	0.02	0.1	9.6	20	71.3
G005014		0.35	0.14	<0.1	0.009	0.02	0.6	1	12.3	209	0.09	<0.01	0.2	2	160	1.9
G005015		1.6	0.06	<0.1	0.023	0.01	1.1	2.3	10.4	568	0.09	0.01	0.1	1.8	40	11.9
G005016		2.46	0.12	<0.1	0.034	0.02	1.5	3.6	10.75	647	0.14	0.01	0.1	2.4	50	12.5
G005017		0.43	0.09	0.1	<0.005	0.02	2.1	2.6	11.9	564	0.08	0.01	0.2	0.3	60	4.5
G005018		0.37	0.07	<0.1	0.006	0.01	1.3	2.3	11.75	590	0.06	0.01	0.1	<0.2	40	4.4
G005019		8.94	3.19	<0.1	0.176	0.01	1.1	3.6	7.91	585	0.15	0.01	0.1	1.4	40	18.1
G005020		1.19	0.05	<0.1	0.019	0.03	1.9	3.2	11.4	767	0.09	0.01	0.2	0.5	50	8.1
G005021		1.09	0.05	0.1	0.009	0.09	3.1	5.2	10.8	772	0.48	0.01	0.5	1.7	110	8.3
G005022		0.32	0.07	0.1	<0.005	0.03	1.8	2.9	11.25	733	0.3	0.01	0.2	1.3	60	4.1
G005023		0.25	0.06	<0.1	<0.005	0.02	1.5	2.3	11.2	878	0.05	0.01	0.1	0.2	40	4.2
G005024		0.86	0.05	<0.1	0.013	0.01	1.4	2.2	11.1	855	0.05	0.01	0.1	<0.2	30	5.6
G005025		0.23	0.06	<0.1	<0.005	0.02	1.2	2.5	11.55	733	0.05	0.01	0.1	0.4	40	5.3
G005026		4.04	0.13	<0.1	0.117	0.02	1	6.9	8.58	908	0.14	0.01	0.1	2	100	22.1
G005027		15.05	0.19	1.2	0.368	1.62	13.9	23.2	0.82	1300	7.35	1.18	5.5	28.4	480	8430
G005028		0.87	<0.05	<0.1	0.019	0.02	1.4	4.4	11.55	621	0.07	0.01	0.1	0.4	60	13.1
G005029		1.27	0.05	<0.1	0.03	0.01	1.4	3	10.75	747	0.07	0.01	0.1	0.5	40	8.5
G005030		0.29	0.16	<0.1	<0.005	0.02	0.6	0.9	12.35	180	0.11	<0.01	0.2	1	160	2.4
G005031		0.18	0.1	<0.1	<0.005	0.01	1.2	2.4	11.85	561	0.07	0.01	0.1	0.9	30	3.2
G005032		1.14	0.07	<0.1	0.013	0.01	1.1	3.1	10.8	624	0.09	0.01	0.1	<0.2	20	4.5
G005033		0.29	0.05	<0.1	<0.005	0.01	1.1	2.8	10.9	716	0.07	0.01	0.1	0.5	30	12.2
G005034		0.57	0.05	<0.1	0.007	0.02	1.4	3.2	10.55	667	0.12	0.01	0.2	1.3	70	11.2
G005035		0.26	0.09	<0.1	<0.005	0.02	1.5	2.2	10.95	557	0.09	0.01	0.2	0.5	50	2.2
G005036		0.25	0.08	<0.1	<0.005	0.01	1.2	1.8	11.2	794	0.07	0.01	0.1	<0.2	30	3.8

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	Analyte	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
G005001		0.8	<0.002	0.69	8.65	0.3	2	0.2	60.7	<0.05	<0.05	0.2	<0.005	0.09	0.4	2
G005002		0.4	<0.002	2.9	29.1	0.3	3	0.5	42	<0.05	<0.05	<0.2	<0.005	0.06	0.2	1
G005003		0.5	<0.002	1.73	6.09	0.3	2	0.3	45.2	<0.05	<0.05	<0.2	<0.005	0.09	0.3	1
G005004		0.9	<0.002	0.67	4.28	0.3	2	0.2	68.8	<0.05	<0.05	0.3	<0.005	0.09	0.4	2
G005005		0.4	<0.002	0.72	3.26	0.2	3	0.2	54.4	<0.05	<0.05	<0.2	<0.005	0.1	0.2	1
G005006		117.5	0.012	6.06	111.5	12.1	22	10.7	205	0.38	0.06	3.4	0.288	2.06	2.5	92
G005007		1.5	0.003	2.96	26.2	0.7	12	0.8	44.8	<0.05	0.15	<0.2	<0.005	0.31	0.3	<1
G005008		0.6	<0.002	1.26	5.61	0.3	5	0.2	59.9	<0.05	<0.05	<0.2	<0.005	0.1	0.4	1
G005009		0.8	0.006	3.03	6.72	0.1	6	0.6	55	<0.05	<0.05	<0.2	<0.005	0.18	0.2	1
G005010		0.4	<0.002	1.15	2.4	0.2	5	0.2	58.3	<0.05	<0.05	<0.2	<0.005	0.07	0.2	<1
G005011		0.4	<0.002	1.78	4.66	0.2	4	0.3	57.7	<0.05	<0.05	<0.2	<0.005	0.11	0.2	1
G005012		0.5	<0.002	2.84	7.13	<0.1	6	0.5	58.3	<0.05	0.18	<0.2	<0.005	0.17	0.2	1
G005013		0.6	<0.002	>10.0	167.5	6.3	36	8.2	8.3	<0.05	<0.05	<0.2	<0.005	0.91	<0.1	<1
G005014		0.8	0.004	0.08	0.41	0.3	2	<0.2	48.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	2
G005015		0.3	<0.002	2.06	8.11	0.2	5	0.2	58.1	<0.05	<0.05	<0.2	<0.005	0.14	0.2	<1
G005016		0.7	0.002	2	12.85	<0.1	6	0.4	72.7	<0.05	<0.05	<0.2	<0.005	0.14	0.3	1
G005017		0.8	<0.002	0.19	0.83	0.3	3	<0.2	73.6	<0.05	<0.05	0.2	0.005	0.05	0.3	2
G005018		0.3	<0.002	0.31	2.45	0.1	2	<0.2	53.9	<0.05	<0.05	<0.2	<0.005	0.03	0.3	<1
G005019		0.4	<0.002	8.15	33.8	0.1	11	1.2	58.4	<0.05	<0.05	<0.2	<0.005	0.34	0.2	<1
G005020		1.1	<0.002	0.88	4.43	0.2	2	0.2	79.4	<0.05	<0.05	0.2	<0.005	0.07	0.3	2
G005021		3	<0.002	0.8	1.99	0.5	2	0.2	86.6	<0.05	<0.05	0.5	0.011	0.15	0.6	4
G005022		0.9	<0.002	0.25	0.74	0.2	2	0.3	75.9	<0.05	<0.05	0.2	<0.005	0.05	0.4	2
G005023		0.5	<0.002	0.37	1.03	0.2	2	<0.2	74.7	<0.05	<0.05	<0.2	<0.005	0.06	0.3	1
G005024		0.4	<0.002	0.97	2.37	0.1	3	0.2	78.5	<0.05	<0.05	<0.2	<0.005	0.04	0.2	<1
G005025		0.5	<0.002	0.47	0.78	0.1	2	<0.2	72.2	<0.05	<0.05	<0.2	<0.005	0.05	0.3	1
G005026		0.6	<0.002	3.89	9.32	0.1	6	0.6	66.4	<0.05	<0.05	<0.2	<0.005	0.14	0.3	2
G005027		122.5	0.012	5.99	110.5	12.3	24	11.2	203	0.41	0.05	3.7	0.282	2.17	2.7	92
G005028		0.7	<0.002	0.97	2.29	0.2	2	0.2	69.9	<0.05	<0.05	<0.2	<0.005	0.07	0.3	2
G005029		0.4	<0.002	0.96	1.64	0.2	2	0.2	71.6	<0.05	<0.05	<0.2	<0.005	0.05	0.3	2
G005030		0.9	<0.002	0.02	0.09	0.3	2	<0.2	52.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.7	2
G005031		0.3	<0.002	0.2	0.33	0.1	2	<0.2	68.2	<0.05	<0.05	<0.2	<0.005	0.04	0.4	<1
G005032		0.4	<0.002	0.68	0.79	0.1	2	<0.2	57.2	<0.05	<0.05	<0.2	<0.005	0.03	0.3	<1
G005033		0.4	<0.002	0.73	1.77	0.1	2	<0.2	55.3	<0.05	<0.05	<0.2	<0.005	0.04	0.2	1
G005034		0.7	<0.002	0.91	2.2	0.2	2	<0.2	72.6	<0.05	<0.05	<0.2	<0.005	0.06	0.3	1
G005035		0.6	<0.002	0.11	0.37	0.1	2	<0.2	69.3	<0.05	<0.05	<0.2	<0.005	0.03	0.3	1
G005036		0.4	<0.002	0.29	0.58	0.1	2	<0.2	71.2	<0.05	<0.05	<0.2	<0.005	0.03	0.3	2

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VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2008
Account: F

Project: GOZ

CERTIFICATE OF ANALYSIS VA08091370

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Zn-CON02	Zn-OG62
	Analyte	W	Y	Zn	Zr	Zn	Zn
	Units	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	0.1	2	0.5	0.01	0.01
G005001		0.1	2.2	>10000	1.7		1.38
G005002		0.1	1.6	>10000	0.7		5.45
G005003		0.1	1.8	>10000	0.7		2.58
G005004		0.2	2	>10000	1.6		1.82
G005005		0.2	1.6	>10000	0.7		4.04
G005006		4.2	12.5	>10000	36.2		1.27
G005007		1.5	1.4	>10000	0.8		14.15
G005008		0.1	2	>10000	1.2		4.19
G005009		0.1	1.7	>10000	0.9		5.50
G005010		0.1	1.7	>10000	0.6		4.02
G005011		0.1	1.6	>10000	0.7		4.49
G005012		0.1	1.3	>10000	0.7		6.20
G005013		<0.1	0.2	>10000	<0.5	41.25	>30.0
G005014		0.1	0.9	1460	0.7		0.15
G005015		0.1	1.5	>10000	0.7		3.78
G005016		0.2	1.8	>10000	1.1		4.78
G005017		0.2	2	9610	2.3		1.10
G005018		0.1	1.9	8550	0.7		0.93
G005019		0.2	1.2	>10000	1		15.85
G005020		0.2	1.9	9190	1.9		1.03
G005021		0.3	2.3	7350	5.4		0.85
G005022		0.2	2.2	4060	1.9		0.42
G005023		0.1	1.9	2440	0.9		0.26
G005024		0.1	1.8	9500	0.8		1.06
G005025		0.3	1.7	976	1.1		0.09
G005026		0.2	1.7	>10000	0.9		4.44
G005027		3.1	13.3	>10000	39.6		1.35
G005028		0.1	1.8	6410	1.2		0.69
G005029		0.1	1.8	7440	0.8		0.88
G005030		0.1	0.9	97	0.5		0.01
G005031		0.1	1.6	457	0.8		0.04
G005032		0.2	1.4	7170	0.9		0.78
G005033		0.1	1.6	1895	1		0.19
G005034		0.1	1.6	4850	1.5		0.56
G005035		0.4	1.6	409	1.2		0.04
G005036		0.1	1.5	1305	1		0.13

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Project: GOZ

CERTIFICATE OF ANALYSIS VA08091370

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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To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
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CERTIFICATE VA08082590

Project: MIKE LAKE / GOZ

P.O. No.:

This report is for 20 Rock samples submitted to our lab in Vancouver, BC, Canada on 20-JUN-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	
ME-MS41	51 anal. aqua regia ICPMS	
ME-ICP61a	High Grade Four Acid ICP-AES	ICP-AES
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

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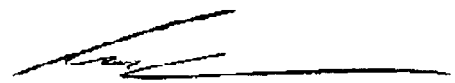
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Project: MIKE LAKE / GOZ

CERTIFICATE OF ANALYSIS VA08082590

Sample Description	Method	WEI-21	Au-AA25	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	2	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
C386130		1.98	0.01													
C386131		1.32	0.01													
C386132		2.04	0.01													
C386133		2.06	0.01													
C386134		2.06	0.01													
C386135		1.60	0.04													
C386136		1.86	0.01													
C386137		1.62	<0.01													
C386138		1.64	0.01													
C386139		1.70	0.01													
C386140		1.72	0.01													
C386141		1.54	<0.01	0.02	0.04	<2	<0.2	<10	10	0.07	0.03	19.5	0.05	1.24	0.7	1
C386122		2.14	0.01	0.01	0.04	<2	<0.2	<10	10	0.05	0.01	19.8	0.06	1.41	0.7	1
C386123		2.08	0.01													
C386124		2.32	0.01													
C386125		2.08	<0.01													
C386126		2.14	<0.01													
C386127		2.28	<0.01													
C386128		2.04	0.01													
C386129		2.20	0.01													

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Account: F

Project: MIKE LAKE / GOZ

CERTIFICATE OF ANALYSIS VA08082590

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
C386130																
C386131																
C386132																
C386133																
C386134																
C386135																
C386136																
C386137																
C386138																
C386139																
C386140																
C386141		0.14	3.6	0.39	0.12	<0.05	<0.02	0.01	<0.005	0.02	0.6	0.6	12.55	169	0.05	0.01
C386122		0.15	1.9	0.37	0.16	<0.05	<0.02	0.01	<0.005	0.02	0.6	0.7	12.45	170	0.18	0.01
C386123																
C386124																
C386125																
C386126																
C386127																
C386128																
C386129																

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CERTIFICATE OF ANALYSIS VA08082590

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
C386130																
C386131																
C386132																
C386133																
C386134																
C386135																
C386136																
C386137																
C386138																
C386139																
C386140																
C386141		0.05	0.7	250	1.4	0.9	<0.001	0.01	<0.05	0.4	0.5	<0.2	50.1	<0.01	0.04	<0.2
C386122		0.05	1.5	210	1.4	1.1	<0.001	0.01	<0.05	0.3	0.4	<0.2	48.8	<0.01	0.03	<0.2
C386123																
C386124																
C386125																
C386126																
C386127																
C386128																
C386129																

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CERTIFICATE OF ANALYSIS VA08082590

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Al	As	Ba	Be	Bi	Ca
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	1	0.05	50	50	10	20	0.05
C386130										<1	0.16	<50	<50	<10	<20	21.1
C386131										<1	0.14	<50	<50	<10	<20	21.3
C386132										<1	0.16	<50	<50	<10	<20	21.6
C386133										<1	0.13	<50	<50	<10	<20	21.5
C386134										<1	0.12	<50	<50	<10	<20	21.7
C386135										<1	0.13	<50	<50	<10	<20	21.6
C386136										<1	0.12	<50	<50	<10	<20	21.2
C386137										<1	0.13	<50	<50	<10	<20	21.6
C386138										<1	0.12	<50	<50	<10	<20	21.6
C386139										<1	0.14	<50	<50	<10	<20	21.3
C386140										<1	0.14	<50	<50	<10	<20	22.0
C386141		<0.005	<0.02	0.34	1	<0.05	0.95	14	<0.5	<1	0.14	<50	<50	<10	<20	21.6
C386122		<0.005	<0.02	0.72	1	<0.05	0.97	14	<0.5	<1	0.14	<50	<50	<10	<20	21.8
C386123										<1	0.13	<50	<50	<10	<20	21.4
C386124										<1	0.14	<50	<50	<10	<20	21.6
C386125										<1	0.14	<50	<50	<10	<20	21.5
C386126										<1	0.12	<50	<50	<10	<20	21.7
C386127										<1	0.13	<50	<50	<10	<20	21.6
C386128										<1	0.13	<50	<50	<10	<20	21.6
C386129										<1	0.14	<50	<50	<10	<20	21.5

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Finalized Date: 2-JUL-2008
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Project: MIKE LAKE / GOZ

CERTIFICATE OF ANALYSIS VA08082590

Sample Description	Method	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a
	Analyte	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	10	10	10	0.05	50	0.1	50	0.05	10	10	0.05	10	50	20
C386130		<10	<10	<10	<10	0.46	<50	<0.1	<50	11.90	200	<10	0.17	<10	220	<20
C386131		<10	<10	<10	<10	0.42	<50	<0.1	<50	11.85	190	<10	0.16	<10	200	<20
C386132		<10	<10	<10	<10	0.41	<50	0.1	<50	11.65	180	<10	0.14	<10	280	<20
C386133		<10	<10	<10	<10	0.43	<50	<0.1	<50	12.00	190	<10	0.14	<10	190	<20
C386134		<10	<10	<10	<10	0.45	<50	<0.1	<50	12.30	190	<10	0.13	<10	250	<20
C386135		<10	<10	<10	<10	0.41	<50	<0.1	<50	11.95	190	<10	0.15	<10	180	<20
C386136		<10	<10	<10	<10	0.42	<50	<0.1	<50	12.00	200	<10	0.14	<10	210	<20
C386137		<10	<10	<10	<10	0.41	<50	<0.1	<50	11.70	180	<10	0.15	<10	360	<20
C386138		<10	<10	<10	<10	0.41	<50	<0.1	<50	11.95	180	<10	0.14	<10	210	<20
C386139		<10	<10	<10	<10	0.36	<50	<0.1	<50	10.90	170	<10	0.14	<10	300	<20
C386140		<10	<10	<10	<10	0.39	<50	<0.1	<50	11.90	180	<10	0.16	<10	240	<20
C386141		<10	<10	<10	<10	0.42	<50	<0.1	<50	12.05	170	<10	0.14	<10	260	<20
C386122		<10	<10	<10	<10	0.41	<50	<0.1	<50	12.00	180	<10	0.12	<10	230	<20
C386123		<10	<10	<10	<10	0.43	<50	<0.1	<50	12.20	200	<10	0.16	<10	190	<20
C386124		<10	<10	<10	<10	0.42	<50	<0.1	<50	12.20	180	<10	0.16	<10	210	20
C386125		<10	<10	<10	10	0.46	<50	<0.1	<50	12.00	180	<10	0.17	20	200	<20
C386126		<10	<10	<10	<10	0.44	<50	<0.1	<50	12.40	190	<10	0.14	<10	200	<20
C386127		<10	<10	<10	<10	0.44	<50	<0.1	<50	11.95	190	<10	0.13	<10	250	<20
C386128		<10	<10	<10	<10	0.42	<50	<0.1	<50	12.25	190	<10	0.17	<10	180	<20
C386129		<10	<10	<10	<10	0.42	<50	<0.1	<50	11.90	180	<10	0.13	<10	200	<20

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Project: MIKE LAKE / GOZ

CERTIFICATE OF ANALYSIS VA08082590

Sample Description	Method	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a
	Analyte	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	50	10	10	50	0.05	50	50	10	50	20
C386130		<0.1	<50	<10	50	<50	<0.05	<50	<50	<10	<50	<20
C386131		<0.1	<50	<10	50	<50	<0.05	<50	<50	<10	<50	<20
C386132		<0.1	<50	<10	40	<50	<0.05	<50	<50	<10	<50	<20
C386133		<0.1	<50	<10	50	<50	<0.05	<50	<50	<10	<50	<20
C386134		<0.1	<50	<10	50	<50	<0.05	<50	<50	<10	<50	<20
C386135		<0.1	<50	<10	50	<50	<0.05	<50	<50	<10	<50	<20
C386136		<0.1	<50	<10	50	<50	<0.05	<50	<50	<10	<50	<20
C386137		<0.1	<50	<10	50	<50	<0.05	<50	<50	<10	<50	<20
C386138		<0.1	<50	<10	60	<50	<0.05	<50	<50	<10	<50	<20
C386139		<0.1	<50	<10	80	<50	<0.05	<50	<50	<10	<50	<20
C386140		<0.1	<50	<10	50	<50	<0.05	<50	<50	<10	<50	<20
C386141		<0.1	<50	<10	60	<50	<0.05	<50	<50	<10	<50	<20
C386122		<0.1	<50	<10	60	<50	<0.05	<50	<50	<10	<50	<20
C386123		<0.1	<50	<10	50	<50	<0.05	<50	<50	<10	<50	<20
C386124		<0.1	<50	<10	40	<50	<0.05	<50	<50	<10	<50	<20
C386125		<0.1	<50	<10	60	<50	<0.05	<50	<50	<10	<50	<20
C386126		<0.1	<50	<10	50	<50	<0.05	<50	<50	<10	<50	<20
C386127		<0.1	<50	<10	40	<50	<0.05	<50	<50	<10	<50	<20
C386128		<0.1	<50	<10	50	<50	<0.05	<50	<50	<10	<50	<20
C386129		<0.1	<50	<10	50	<50	<0.05	<50	<50	<10	<50	<20

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

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e: Appendix 1
Total # ndix Pages: 1
Finalized Date: 2-JUL-2008
Account: F

Project: MIKE LAKE / GOZ

CERTIFICATE OF ANALYSIS VA08082590

Method	CERTIFICATE COMMENTS
ME-MS41	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 2-JUN-2008
Account: F

CERTIFICATE VA08070730

Project: "GOZ"

P.O. No.:

This report is for 22 Rock samples submitted to our lab in Vancouver, BC, Canada on 29-MAY-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
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

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

Finalized Date: 2-JUN-2008
Account: F

Project: "GOZ"

CERTIFICATE OF ANALYSIS VA08070730

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	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	5	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
B678075		0.03	0.09	5	10	0.08	0.01	20.1	0.09	1.39	0.9	2	0.1	4.3	0.36	0.24
B678076		0.05	0.08	8	10	0.08	0.03	19.6	0.08	1.23	0.9	4	0.15	2.9	0.42	0.25
B678077		0.17	0.06	<5	10	<0.05	0.05	19.65	0.09	1.2	0.9	2	0.11	9.1	0.41	0.24
B678078		0.1	0.06	5	10	0.08	0.08	19.85	0.07	1.05	0.9	3	0.09	3	0.43	0.22
B678079		0.08	0.08	10	20	0.07	0.02	19.9	0.07	1.3	1	7	0.17	1.5	0.43	0.32
B678080		0.06	0.05	<5	10	0.06	0.02	19.85	0.06	1	1	2	0.1	2.2	0.42	0.25
B678081		0.02	0.07	9	30	<0.05	0.02	19.95	0.06	1.09	0.9	2	0.13	1.4	0.42	0.28
B678082		0.06	0.05	<5	10	0.08	0.02	20	0.06	0.92	0.8	1	0.1	2.5	0.41	0.21
B678083		0.08	0.1	10	10	0.1	0.02	20.3	0.05	1.07	0.9	3	0.16	5.2	0.43	0.34
B678084		0.02	0.07	<5	20	0.09	0.05	20.7	0.07	1.37	1	1	0.17	3.9	0.42	0.31
B678085		0.04	0.05	6	10	0.09	0.04	20.5	0.24	1.26	1	1	0.15	2.1	0.44	0.3
B678086		0.02	0.07	<5	20	0.07	0.02	20.2	0.07	1.5	1.3	1	0.26	4.6	0.48	0.39
B678087		0.01	0.08	<5	10	0.1	0.03	20.6	0.07	1.49	1.3	2	0.16	2.1	0.48	0.41
B678088		0.01	0.05	<5	10	0.07	0.01	20.7	0.06	1.28	1.1	1	0.13	3.4	0.43	0.34
B678089		<0.01	0.04	<5	40	<0.05	0.01	20.5	0.07	1.1	1	1	0.1	1.5	0.42	0.34
B678090		0.12	0.06	<5	10	0.07	1.85	20.7	0.08	1.41	1.2	1	0.11	4.5	0.44	0.35
B678091		0.01	0.05	5	10	0.07	0.04	20.4	0.07	1.2	1	1	0.12	1.8	0.44	0.34
B678092		0.02	0.08	<5	20	0.07	0.07	20.4	0.07	1.37	1.1	2	0.16	15.4	0.38	0.4
B678093		0.03	0.06	<5	20	0.09	0.02	20.6	0.07	1.2	1	1	0.12	2.1	0.43	0.36
B678094		0.06	0.07	<5	20	<0.05	0.03	20.6	0.08	1.28	1.1	1	0.11	3.8	0.35	0.4
B678095		0.04	0.08	<5	70	<0.05	0.05	20.7	0.05	1.45	0.9	1	0.13	2.1	0.41	0.43
B678096		0.01	0.06	5	20	0.06	0.02	20.5	0.06	1.24	0.9	1	0.1	3.7	0.41	0.35

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2-JUN-2008
Account: F

Project: "GOZ"

CERTIFICATE OF ANALYSIS VA08070730

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	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
B678075		<0.05	<0.1	0.005	0.04	0.8	0.9	12.45	182	0.07	0.01	0.2	0.6	200	1.4	0.9
B678076		0.05	<0.1	0.005	0.03	0.6	0.9	12.3	181	0.23	0.01	0.2	2	270	1.7	1.1
B678077		0.05	<0.1	0.005	0.02	0.7	0.8	12.3	177	0.08	0.01	0.2	1.1	200	1.6	0.8
B678078		<0.05	<0.1	0.005	0.02	0.6	0.7	12.5	192	0.16	0.01	0.2	1.5	170	1.3	0.8
B678079		0.05	<0.1	0.005	0.04	0.7	1	12.5	188	0.11	0.01	0.3	3.9	160	1.6	1.6
B678080		<0.05	<0.1	0.006	0.02	0.5	0.8	12.5	192	0.17	0.01	0.2	1.3	170	1.3	0.8
B678081		<0.05	<0.1	<0.005	0.03	0.5	0.9	12.6	193	0.29	0.01	0.2	1.2	190	1.3	1.1
B678082		0.05	<0.1	<0.005	0.02	0.5	0.7	12.65	190	0.05	0.01	0.2	0.6	180	1.5	0.7
B678083		0.05	<0.1	<0.005	0.04	0.6	1	12.8	202	0.05	0.01	0.2	1.1	210	1.3	1.4
B678084		0.09	<0.1	<0.005	0.03	0.7	1.2	12.6	183	0.16	<0.01	0.3	<0.2	200	2.6	1.7
B678085		0.15	<0.1	0.011	0.02	0.6	1	12.6	203	0.1	<0.01	0.2	<0.2	170	1.6	1.3
B678086		0.17	<0.1	<0.005	0.03	0.7	1.3	12.35	192	0.11	<0.01	0.3	<0.2	200	1.6	1.7
B678087		0.21	<0.1	<0.005	0.02	0.7	0.9	12.55	205	0.07	0.01	0.3	0.4	210	1.6	1.1
B678088		0.24	<0.1	<0.005	0.02	0.6	0.8	12.65	188	0.07	<0.01	0.2	0.2	170	1.5	1.1
B678089		0.23	<0.1	<0.005	0.02	0.5	0.6	12.5	194	0.06	<0.01	0.2	0.6	170	1.6	0.9
B678090		0.25	<0.1	<0.005	0.02	0.7	0.6	12.6	192	0.17	<0.01	0.2	1.2	170	3.3	0.9
B678091		0.24	<0.1	<0.005	0.02	0.6	0.6	12.45	198	0.21	<0.01	0.2	1.5	160	1.6	0.9
B678092		0.24	<0.1	<0.005	0.03	0.7	0.7	12.45	187	0.08	<0.01	0.3	2	330	1.9	1.7
B678093		0.24	<0.1	<0.005	0.02	0.6	0.5	12.6	195	0.08	<0.01	0.2	2.4	190	1.7	1.1
B678094		0.26	<0.1	<0.005	0.02	0.7	0.4	12.4	170	0.38	<0.01	0.2	2.4	240	1.5	1.1
B678095		0.24	<0.1	<0.005	0.03	0.8	0.5	12.6	186	0.31	<0.01	0.3	3.2	230	1.5	1.3
B678096		0.23	<0.1	<0.005	0.02	0.6	0.3	12.65	197	0.27	<0.01	0.2	2.9	200	1.3	0.9

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Finalized Date: 2-JUN-2008
Account: F

Project: "GOZ"

CERTIFICATE OF ANALYSIS VA08070730

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	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1
B678075		0.003	0.02	0.16	0.2	1	<0.2	64.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	2	0.1
B678076		0.003	0.02	0.17	0.3	1	<0.2	46.7	<0.05	0.06	<0.2	<0.005	<0.02	0.8	2	0.2
B678077		0.002	0.02	3.33	0.4	2	<0.2	49.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	1	0.1
B678078		0.002	0.03	0.1	0.2	1	<0.2	43.1	<0.05	<0.05	<0.2	<0.005	<0.02	0.7	2	0.1
B678079		0.002	0.02	0.17	0.4	1	<0.2	47.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	2	0.2
B678080		0.003	0.02	0.07	0.3	1	<0.2	47.7	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	2	0.1
B678081		0.002	0.01	0.06	0.3	1	<0.2	45.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	2	0.1
B678082		0.002	0.01	0.06	0.2	2	<0.2	42.7	<0.05	0.06	<0.2	<0.005	<0.02	0.6	1	0.1
B678083		0.003	0.01	0.07	0.3	2	<0.2	44.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	1	0.2
B678084		<0.002	0.01	0.2	0.3	4	<0.2	53.2	<0.05	0.24	<0.2	<0.005	<0.02	0.8	2	0.1
B678085		<0.002	0.01	0.12	0.4	3	<0.2	51.1	<0.05	0.09	<0.2	<0.005	<0.02	0.7	3	0.1
B678086		<0.002	0.09	0.11	0.3	4	<0.2	54	<0.05	0.21	<0.2	<0.005	<0.02	0.8	2	0.1
B678087		<0.002	0.02	0.09	0.4	3	<0.2	55	<0.05	0.12	<0.2	0.007	<0.02	0.8	2	0.1
B678088		<0.002	0.02	0.09	0.3	3	<0.2	48	<0.05	0.12	<0.2	<0.005	<0.02	0.6	1	0.1
B678089		<0.002	0.01	0.08	0.3	3	<0.2	49.4	<0.05	0.12	<0.2	<0.005	<0.02	0.6	1	0.1
B678090		<0.002	0.04	0.09	0.3	3	<0.2	52.3	<0.05	0.13	<0.2	<0.005	<0.02	0.6	1	0.1
B678091		<0.002	0.01	0.12	0.4	3	<0.2	49.2	<0.05	0.09	<0.2	<0.005	<0.02	0.6	2	0.1
B678092		<0.002	0.02	0.08	0.2	2	<0.2	54.1	<0.05	0.08	<0.2	<0.005	<0.02	0.6	2	0.1
B678093		<0.002	0.02	0.12	0.3	3	<0.2	50.6	<0.05	0.09	<0.2	<0.005	<0.02	0.7	2	0.1
B678094		<0.002	0.01	0.12	0.3	3	<0.2	60.1	<0.05	0.09	<0.2	<0.005	<0.02	0.6	1	0.1
B678095		<0.002	0.01	0.1	0.3	2	<0.2	51.6	<0.05	<0.05	0.2	<0.005	<0.02	0.7	1	0.1
B678096		<0.002	0.01	0.07	0.2	2	<0.2	47.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.5	1	0.1

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CERTIFICATE OF ANALYSIS VA08070730

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61
	Analyte	Y	Zn	Zr
	Units	ppm	ppm	ppm
	LOR	0.1	2	0.5
B678075		1.1	13	0.9
B678076		0.8	21	0.5
B678077		1	15	0.5
B678078		0.8	16	<0.5
B678079		0.9	18	0.5
B678080		0.8	14	<0.5
B678081		0.9	16	<0.5
B678082		0.7	14	<0.5
B678083		0.8	14	<0.5
B678084		1	20	0.6
B678085		0.9	37	<0.5
B678086		1	18	0.5
B678087		1	17	1.2
B678088		0.9	16	<0.5
B678089		0.8	15	0.5
B678090		0.9	18	<0.5
B678091		0.9	16	<0.5
B678092		1.1	14	0.5
B678093		0.9	17	<0.5
B678094		1.1	16	0.5
B678095		1.1	15	0.7
B678096		0.9	16	0.6

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CERTIFICATE OF ANALYSIS VA08070730

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.

APPENDIX V

GEOLOGICAL AND GEOTECHNICAL LOGS

Goz Project - Drill Summary

Date: March 19, 2009

	(ft)	(m)		
Total	2545	775.73	**Total samples** **246**	**7 holes**

GOZ PROPERTY *NAD 83, ZONE 8W, 106C08*

Hole #	Claim	Easting (m)	Northing (m)	Elevation (m)	Azimuth	Dip	Start Date	End Date	Casing (ft)	Final Depth (ft)	Final Depth (m)	Adv. (m)	Num. Samp.	Sample status	Comments
GOZ-08-56	Duo 2	620041	7147280	1413	062	-60	June 18, 2008	June 24, 2008	20	223	67.97	23.25	0		Delay due to engine failure, started night shift June 23 rd
GOZ-08-57	Duo 4	619977	7147264	1425	062	-60	June 25, 2008	June 26, 2008	15	297	90.53	30.96	36	Shipped	Move delayed due to timing/problems at drill
GOZ-08-58	Duo 4	619970	7147402	1413	242	-50	June 27, 2008	June 29, 2008	15	437	133.20	45.56	65	Shipped	
GOZ-08-59	Duo 4	620000	7147353	1414	242	-60	June 30, 2008	July 1, 2008	10	357	108.81	37.22	14	Shipped	
GOZ-08-60	Duo 4	619966	7147435	1394	242	-45	July 1, 2008	July 3, 2008	20	437	133.20	45.56	32	Shipped	
GOZ-08-61	Duo 4	619871	7147395	1415	062	-60	July 4, 2008	July 7, 2008	50	407	124.06	42.43	58	Shipped	
GOZ-08-62	Duo 4	619913	7147312	1433	062	-60	July 8, 2008	July 10, 2008	17	387	117.96	40.34	41	Shipped	
GOZ-P-58	Duo 4	619946	7147295	1426	062	-60									Proposed site, pad complete
GOZ-P-61	Duo 4	619948	7147366	1423	062	-60									Proposed site, pad complete
GOZ-P-62	Duo 4	619884	7147329	1438	062	-60									Proposed site, pad complete
GOZ-P-67	Duo 4	619848	7147426	1414	062	-50									Proposed site, pad complete
GOZ-P-68	Duo 4	619898	7147457	1395	242	-50									Proposed site, no pad
GOZ-P-69	Duo 4	619879	7147489	1383	242	-50									Proposed site, no pad
GOZ-P-70	Duo 4	619896	7147499	1379	242	-50									Proposed site, no pad
GOZ-P-63	Duo 4	619870	7147354	1435	062	-55									Proposed site, pad complete

Goz - Daily Drill Summary

	TOTAL FOOTAGE:	##### ft				
		Current	Footage (ft)			
Date	Hole	Depth (ft)	day	night	Total	Comments
June 18, 2008	GOZ-08-56	0	-	-	######	Started 2 pm after fixing waterline, engine brok
June 19, 2008	GOZ-08-56	0	-	-	######	waiting for replacement engine
June 20, 2008	GOZ-08-56	0	-	-	######	waiting for replacement engine
June 21, 2008	GOZ-08-56	0	-	-	######	waiting for replacement engine
June 22, 2008	GOZ-08-56	0	-	-	######	engine arrives, islander broke, parts missin
June 23, 2008	GOZ-08-56	63	-	63	######	parts arrive in evening, restart drillin
June 24, 2008	GOZ-08-56	223	80	80	160	**EOH**
June 25, 2008	GOZ-08-57	147	47	100	147	New Hole
June 26, 2008	GOZ-08-57	297	140	10	150	**EOH**, late evening before ready for mov
June 27, 2008	GOZ-08-58	117	57	60	117	New Hole (proposed GOZ-08-64
June 28, 2008	GOZ-08-58	227	80	30	110	Hard ground, slow drilling
June 29, 2008	GOZ-08-58	437	90	120	210	**EOH**
June 30, 2008	GOZ-08-59	267	87	180	267	New Hole (proposed GOZ-08-60
July 1, 2008	GOZ-08-59	357	90		90	**EOH**
July 1, 2008	GOZ-08-60	17		17	17	New Hole (proposed GOZ-08-6
July 2, 2008	GOZ-08-60	247	100	130	230	
July 3, 2008	GOZ-08-60	437	130	60	190	**EOH**
July 4, 2008	GOZ-08-61	47	12	47	59	New Hole (proposed GOZ-08-66
July 5, 2008	GOZ-08-61	117	58	50	108	
July 6, 2008	GOZ-08-61	237	40	80	120	
July 7, 2008	GOZ-08-61	407	100	70	170	**EOH**
July 8, 2008	GOZ-08-62	187	37	150	187	New Hole (proposed GOZ-08-59
July 9, 2008	GOZ-08-62	337	80	70	150	
July 10, 2008	GOZ-08-62	387	50	-	######	**EOH**, pump broken unable to continue, at target dept
July 11, 2008						Drill Demob
July 12, 2008						Drill Demob

GOZ DENSITY LOG

HOLE	DEPTH	LITH.	HEIGHT	DIAM.	MASS.	DENSITY	TIME
GOZ-08-56	17.77		11.4	4.1	438.4	2.912782786	-24
GOZ-08-56	40.15		14.7	4.1	558.2	2.876172322	-24
GOZ-08-56	53.65		14.8	4.1	576.1	2.948346792	-24
GOZ-08-56	67.27		14.8	4.1	567.6	2.904845755	-24
STD-B					148.7		-24
STD-B					148.7		720
GOZ-08-56	17.77		11.4	4.1	436.2	2.898165719	720
GOZ-08-56	40.15		14.7	4.1	554.9	2.859168795	720
GOZ-08-56	53.65		14.8	4.1	574.7	2.941181915	720
GOZ-08-56	67.27		14.8	4.1	565.5	2.894098439	720
STD-P					204.3		720
STD-B					148.7		0
GOZ-08-56	17.77		11.4	4.1	438	2.910125137	0
GOZ-08-56	40.15		14.7	4.1	558	2.875141805	0
GOZ-08-56	53.65		14.8	4.1	575.3	2.944252577	0
GOZ-08-56	67.27		14.8	4.1	568.6	2.909963524	0
STD-P					204.2		0
STD-B					148.7		0
STD-P					204.2		30
GOZ-08-56	17.77		11.4	4.1	436.9	2.902816604	30
GOZ-08-56	40.15		14.7	4.1	556.4	2.866897671	30
GOZ-08-56	53.65		14.8	4.1	575.2	2.9437408	30
GOZ-08-56	67.27		14.8	4.1	567	2.901775093	30
STD-B					148.7		30
STD-B					148.7		60
GOZ-08-56	17.77		11.4	4.1	436.5	2.900158955	60
GOZ-08-56	40.15		14.7	4.1	556	2.864836637	60
GOZ-08-56	53.65		14.8	4.1	575	2.942717246	60
GOZ-08-56	67.27		14.8	4.1	566.3	2.898192655	60
STD-P					204.2		60
STD-P					204.2		90
GOZ-08-56	17.77		11.4	4.1	436.3	2.898830131	90
GOZ-08-56	40.15		14.7	4.1	555.8	2.86380612	90
GOZ-08-56	53.65		14.8	4.1	574.9	2.942205469	90
GOZ-08-56	67.27		14.8	4.1	566	2.896657324	90
STD-B					148.7		90
STD-P					204.2		120
GOZ-08-56	17.77		11.4	4.1	436.3	2.898830131	120
GOZ-08-56	40.15		14.7	4.1	555.6	2.862775604	120
GOZ-08-56	53.65		14.8	4.1	574.9	2.942205469	120
GOZ-08-56	67.27		14.8	4.1	565.9	2.896145547	120
STD-B					148.7		120
STD-B					148.7		150
GOZ-08-56	17.77		11.4	4.1	436.2	2.898165719	150
GOZ-08-56	40.15		14.7	4.1	555.5	2.862260345	150
GOZ-08-56	53.65		14.8	4.1	574.9	2.942205469	150
GOZ-08-56	67.27		14.8	4.1	565.8	2.89563377	150
STD-P					204.2		150
STD-B					148.7		180
GOZ-08-56	17.77		11.4	4.1	436.2	2.898165719	180

GOZ-08-56	40.15	14.7	4.1	555.4	2.861745087	180
GOZ-08-56	53.65	14.8	4.1	574.8	2.941693692	180
GOZ-08-56	67.27	14.8	4.1	565.7	2.895121993	180
STD-P				204.2		180
STD-B				148.7		210
GOZ-08-56	17.77	11.4	4.1	436.1	2.897501307	210
GOZ-08-56	40.15	14.7	4.1	555.3	2.861229828	210
GOZ-08-56	53.65	14.8	4.1	574.8	2.941693692	210
GOZ-08-56	67.27	14.8	4.1	565.6	2.894610216	210
STD-P				204.2		210
STD-P				204.2		-24
GOZ-08-57	22.86	14.7	4.1	558.8	2.879263872	-24
GOZ-08-57	39.56	14.6	4.1	621.6	3.224783442	-24
GOZ-08-57	45.56	15.0	4.1	563.4	2.844906443	-24
STD-B				148.7		-24
STD-P				204.1		720
GOZ-08-57	22.86	14.7	4.1	553.4	2.851439919	720
GOZ-08-57	39.56	14.6	4.1	619.8	3.215445266	720
GOZ-08-57	45.56	15.0	4.1	561.5	2.835312331	720
STD-B				148.6		720
STD-P				204.2		0
GOZ-08-57	22.86	14.7	4.1	559	2.880294389	0
GOZ-08-57	39.56	14.6	4.1	621.5	3.224264654	0
GOZ-08-57	45.56	15.0	4.1	563.4	2.844906443	0
STD-B				148.7		0
STD-P				204.2		35
GOZ-08-57	22.86	14.7	4.1	556.6	2.867928187	35
GOZ-08-57	39.56	14.6	4.1	620.6	3.219595566	35
GOZ-08-57	45.56	15.0	4.1	562.1	2.838342051	35
STD-B				148.7		35
STD-P				204.2		65
GOZ-08-57	22.86	14.7	4.1	555.7	2.863290862	65
GOZ-08-57	39.56	14.6	4.1	620.5	3.219076779	65
GOZ-08-57	45.56	15.0	4.1	562	2.837837098	65
STD-B				148.7		65
STD-P				204.3		115
GOZ-08-57	22.86	14.7	4.1	555	2.859684053	115
GOZ-08-57	39.56	14.6	4.1	620.4	3.218557991	115
GOZ-08-57	45.56	15.0	4.1	562	2.837837098	115
STD-B				148.7		115
STD-P				204.2		145
GOZ-08-57	22.86	14.7	4.1	554.5	2.857107761	145
GOZ-08-57	39.56	14.6	4.1	620.2	3.217520416	145
GOZ-08-57	45.56	15.0	4.1	561.8	2.836827191	145
STD-B				148.7		145
STD-P				204.2		190
GOZ-08-57	22.86	14.7	4.1	554.2	2.855561986	190
GOZ-08-57	39.56	14.6	4.1	620.2	3.217520416	190
GOZ-08-57	45.56	15.0	4.1	561.8	2.836827191	190
STD-B				148.7		190
STD-P				204.2		220
GOZ-08-57	22.86	14.7	4.1	554	2.854531469	220
GOZ-08-57	39.56	14.6	4.1	620.1	3.217001629	220

GOZ-08-57	45.56	15.0	4.1	561.7	2.836322238	220
STD-B				148.7		220
STD-P				204.2		250
GOZ-08-57	22.86	14.7	4.1	554	2.854531469	250
GOZ-08-57	39.56	14.6	4.1	620.2	3.217520416	250
GOZ-08-57	45.56	15.0	4.1	561.7	2.836322238	250
STD-B				148.7		250
STD-P				204.2		280
GOZ-08-57	22.86	14.7	4.1	553.9	2.854016211	280
GOZ-08-57	39.56	14.6	4.1	620.2	3.217520416	280
GOZ-08-57	45.56	15.0	4.1	561.8	2.836827191	280
STD-B				148.7		280
STD-P				204.2		310
GOZ-08-57	22.86	14.7	4.1	553.9	2.854016211	310
GOZ-08-57	39.56	14.6	4.1	620.2	3.217520416	310
GOZ-08-57	45.56	15.0	4.1	561.8	2.836827191	310
STD-B				148.7		310
STD-P				204.2		-24
GOZ-08-58	47.9	14.9	4.1	561.9	2.856374642	-24
GOZ-08-58	50.96	14.7	4.1	638.8	3.291470582	-24
GOZ-08-58	64.38	14.7	4.1	582.3	3.000349593	-24
STD-B				148.7		-24
STD-P				204.2		720
GOZ-08-58	47.9	14.9	4.1	560.9	2.85129122	720
GOZ-08-58	50.96	14.7	4.1	637.9	3.286833257	720
GOZ-08-58	64.38	14.7	4.1	581	2.993651234	720
STD-B				148.7		720
STD-P				204.3		0
GOZ-08-58	47.9	14.9	4.1		0	0
GOZ-08-58	50.96	14.7	4.1		0	0
GOZ-08-58	64.38	14.7	4.1		0	0
STD-B				148.8		0
STD-P				204.3		-24
GOZ-08-58	73.57	15.1	4.1	669.1	3.356266884	-24
GOZ-08-58	103.04	14.8	4.1	566.9	2.911098107	-24
STD-B				148.8		-24
STD-P				204.1		720
GOZ-08-58	73.57	15.1	4.1	667.8	3.349745965	720
GOZ-08-58	103.04	14.8	4.1	560.4	2.877719843	720
STD-B				148.7		720
STD-P				204.2		0
GOZ-08-58	103.04	14.8	4.1	566.3	2.908017037	0
GOZ-08-58	73.57	15.1	4.1	668.7	3.354260447	0
GOZ-08-58	64.38	14.7	4.1	582.2	2.999834335	0
GOZ-08-58	50.96	14.7	4.1	638.8	3.291470582	0
GOZ-08-58	47.9	14.9	4.1	561.8	2.8558663	0
STD-B				148.7		0
STD-P				204.2		45
GOZ-08-58	103.04	14.8	4.1	562.2	2.886963055	45
GOZ-08-58	73.57	15.1	4.1	668.1	3.351250792	45
GOZ-08-58	64.38	14.7	4.1	581.6	2.996742784	45
GOZ-08-58	50.96	14.7	4.1	638.2	3.288379032	45
GOZ-08-58	47.9	14.9	4.1	561.3	2.853324589	45

STD-B				148.7		45
STD-P				204.2		75
GOZ-08-58	103.04	14.8	4.1	561.4	2.882854961	75
GOZ-08-58	73.57	15.1	4.1	667.9	3.350247574	75
GOZ-08-58	64.38	14.7	4.1	581.5	2.996227526	75
GOZ-08-58	50.96	14.7	4.1	638.1	3.287863774	75
GOZ-08-58	47.9	14.9	4.1	561.2	2.852816247	75
STD-B				148.8		75
STD-P				204.3		105
GOZ-08-58	103.04	14.8	4.1	561.1	2.881314426	105
GOZ-08-58	73.57	15.1	4.1	667.9	3.350247574	105
GOZ-08-58	64.38	14.7	4.1	581.5	2.996227526	105
GOZ-08-58	50.96	14.7	4.1	638.1	3.287863774	105
GOZ-08-58	47.9	14.9	4.1	561.2	2.852816247	105
STD-B				148.7		105
STD-P				204.2		135
GOZ-08-58	103.04	14.8	4.1	560.9	2.880287402	135
GOZ-08-58	73.57	15.1	4.1	667.9	3.350247574	135
GOZ-08-58	64.38	14.7	4.1	581.4	2.995712268	135
GOZ-08-58	50.96	14.7	4.1	638.1	3.287863774	135
GOZ-08-58	47.9	14.9	4.1	561.1	2.852307905	135
STD-B				148.7		135
STD-P				204.2		165
GOZ-08-58	103.04	14.8	4.1	560.8	2.87977389	165
GOZ-08-58	73.57	15.1	4.1	667.8	3.349745965	165
GOZ-08-58	64.38	14.7	4.1	581.4	2.995712268	165
GOZ-08-58	50.96	14.7	4.1	638	3.287348515	165
GOZ-08-58	47.9	14.9	4.1	561.1	2.852307905	165
STD-B				148.7		165
STD-P				204.2		-24
GOZ-08-59	65.2	14.7	4.1	559.2	2.881324905	-24
GOZ-08-59	71.68	14.3	4.1	526.3	2.787659578	-24
GOZ-08-59	75.65	14.5	4.1	551.3	2.879800451	-24
STD-B				148.7		-24
STD-P				204.2		720
GOZ-08-59	65.2	14.7	4.1	557.7	2.87359603	720
GOZ-08-59	71.68	14.3	4.1	524.5	2.778125496	720
GOZ-08-59	75.65	14.5	4.1	549.2	2.868830778	720
STD-B				148.7		720
STD-P				204.3		0
GOZ-08-59	65.2	14.7	4.1	560	2.885446973	0
GOZ-08-59	71.68	14.3	4.1	527.4	2.793485962	0
GOZ-08-59	75.65	14.5	4.1	551.9	2.882934644	0
STD-B				148.8		0
STD-P				204.2		30
GOZ-08-59	65.2	14.7	4.1	558.6	2.878233355	30
GOZ-08-59	71.68	14.3	4.1	525.3	2.782362866	30
GOZ-08-59	75.65	14.5	4.1	550.7	2.876666259	30
STD-B				148.7		30
STD-P				204.2		60
GOZ-08-59	65.2	14.7	4.1	558.5	2.877718097	60
GOZ-08-59	71.68	14.3	4.1	525	2.780773853	60
GOZ-08-59	75.65	14.5	4.1	550.4	2.875099163	60

STD-B				148.7		60
STD-P				204.2		90
GOZ-08-59	65.2	14.7	4.1	558.4	2.877202838	90
GOZ-08-59	71.68	14.3	4.1	524.9	2.780244181	90
GOZ-08-59	75.65	14.5	4.1	550.2	2.874054432	90
STD-B				148.7		90
STD-P				204.2		120
GOZ-08-59	65.2	14.7	4.1	558.2	2.876172322	120
GOZ-08-59	71.68	14.3	4.1	524.7	2.779184839	120
GOZ-08-59	75.65	14.5	4.1	550.1	2.873532067	120
STD-B				148.7		120
STD-P				204.2		150
GOZ-08-59	65.2	14.7	4.1	558.2	2.876172322	150
GOZ-08-59	71.68	14.3	4.1	524.7	2.779184839	150
GOZ-08-59	75.65	14.5	4.1	550	2.873009701	150
STD-B				148.7		150
STD-P				204.2		180
GOZ-08-59	65.2	14.7	4.1	558.2	2.876172322	180
GOZ-08-59	71.68	14.3	4.1	524.7	2.779184839	180
GOZ-08-59	75.65	14.5	4.1	549.9	2.872487336	180
STD-B				148.7		180
STD-P				204.2		210
GOZ-08-59	65.2	14.7	4.1	558.2	2.876172322	210
GOZ-08-59	71.68	14.3	4.1	524.7	2.779184839	210
GOZ-08-59	75.65	14.5	4.1	549.9	2.872487336	210
STD-B				148.7		210
STD-P				204.2		240
GOZ-08-59	65.2	14.7	4.1	558.1	2.875657063	240
GOZ-08-59	71.68	14.3	4.1	524.6	2.778655168	240
GOZ-08-59	75.65	14.5	4.1	549.8	2.87196497	240
STD-B				148.7		240
STD-P				204.2		270
GOZ-08-59	65.2	14.7	4.1	558.2	2.876172322	270
GOZ-08-59	71.68	14.3	4.1	524.6	2.778655168	270
GOZ-08-59	75.65	14.5	4.1	549.7	2.871442605	270
STD-B				148.7		270
STD-P				204.2		300
GOZ-08-59	65.2	14.7	4.1	558.1	2.875657063	300
GOZ-08-59	71.68	14.3	4.1	524.6	2.778655168	300
GOZ-08-59	75.65	14.5	4.1	549.8	2.87196497	300
STD-B				148.7		300
STD-P				204.2		-24
GOZ-08-60	27.18	14.7	4.1	544.5	2.805581922	-24
GOZ-08-60	98.98	14.1	4.1	709.2	3.809710891	-24
STD-B				148.7		-24
STD-P				204.3		720
GOZ-08-60	27.18	14.7	4.1	541.6	2.790639429	720
GOZ-08-60	98.98	14.1	4.1	707.4	3.800041574	720
STD-B				148.8		720
STD-P				204.2		0
GOZ-08-60	27.18	14.7	4.1	545.8	2.812280281	0
GOZ-08-60	98.98	14.1	4.1	717.8	3.855908739	0
STD-B				148.7		0

STD-P				204.2		30
GOZ-08-60	27.18	14.7	4.1	543.4	2.79991408	30
GOZ-08-60	98.98	14.1	4.1	709.8	3.812933997	30
STD-B				148.7		30
STD-P				204.2		60
GOZ-08-60	27.18	14.7	4.1	542.8	2.79682253	60
GOZ-08-60	98.98	14.1	4.1	708.5	3.805950601	60
STD-B				148.7		60
STD-P				204.2		90
GOZ-08-60	27.18	14.7	4.1	542.4	2.794761496	90
GOZ-08-60	98.98	14.1	4.1	707.9	3.802727496	90
STD-B				148.8		90
STD-P				204.3		120
GOZ-08-60	27.18	14.7	4.1	542.1	2.793215721	120
GOZ-08-60	98.98	14.1	4.1	707.4	3.800041574	120
STD-B				148.8		120
STD-P				204.3		150
GOZ-08-60	27.18	14.7	4.1	542	2.792700463	150
GOZ-08-60	98.98	14.1	4.1	707.3	3.79950439	150
STD-B				148.8		150
STD-P				204.3		180
GOZ-08-60	27.18	14.7	4.1	542	2.792700463	180
GOZ-08-60	98.98	14.1	4.1	707.3	3.79950439	180
STD-B				148.8		180
STD-P				2047.3		210
GOZ-08-60	27.18	14.7	4.1	541.9	2.792185204	210
GOZ-08-60	98.98	14.1	4.1	707.3	3.79950439	210
STD-B				148.8		210
STD-P				204.3		240
GOZ-08-60	27.18	14.7	4.1	541.8	2.791669946	240
GOZ-08-60	98.98	14.1	4.1	707.2	3.798967206	240
STD-B				148.8		240
STD-P				204.3		270
GOZ-08-60	27.18	14.7	4.1	541.7	2.791154688	270
GOZ-08-60	98.98	14.1	4.1	707.2	3.798967206	270
STD-B				148.7		270
STD-P				204.3		300
GOZ-08-60	27.18	14.7	4.1	541.7	2.791154688	300
GOZ-08-60	98.98	14.1	4.1	707.3	3.79950439	300
STD-B				148.8		300
STD-P				204.2		330
GOZ-08-60	27.18	14.7	4.1	541.7	2.791154688	330
GOZ-08-60	98.98	14.1	4.1	707.2	3.798967206	330
STD-B				148.8		330
STD-P				204.2		-24
GOZ-08-61	73.6	12.3	4.1	501.9	3.090683186	-24
GOZ-08-61	56.7	12.6	4.1	509.4	3.0621806	-24
GOZ-08-61	37.12	12.4	4.1	602.7	3.681475474	-24
GOZ-08-61	29.12	12.8	4.1	583.7	3.453998375	-24
STD-B				148.7		-24
STD-P				204.2		720
GOZ-08-61	73.6	12.3	4.1	496.9	3.059893355	720
GOZ-08-61	56.7	12.6	4.1	506.6	3.045348826	720

GOZ-08-61	37.12	12.4	4.1	597.6	3.650323118	720
GOZ-08-61	29.12	12.8	4.1	582.3	3.445713986	720
STD-B				148.7		720
STD-P				204.2		0
GOZ-08-61	73.6	12.3	4.1	503.3	3.099304338	0
GOZ-08-61	56.7	12.6	4.1	512.2	3.079012374	0
GOZ-08-61	37.12	12.4	4.1	603.8	3.688194609	0
GOZ-08-61	29.12	12.8	4.1	585.5	3.464649732	0
STD-B				148.7		0
STD-P				204.2		30
GOZ-08-61	73.6	12.3	4.1	499.6	3.076519864	30
GOZ-08-61	56.7	12.6	4.1	508.6	3.057371521	30
GOZ-08-61	37.12	12.4	4.1	599.6	3.662539728	30
GOZ-08-61	29.12	12.8	4.1	582.7	3.448080954	30
STD-B				148.7		30
STD-P				204.2		60
GOZ-08-61	73.6	12.3	4.1	498.5	3.069746101	60
GOZ-08-61	56.7	12.6	4.1	507.9	3.053163578	60
GOZ-08-61	37.12	12.4	4.1	598.9	3.658263914	60
GOZ-08-61	29.12	12.8	4.1	582.6	3.447489212	60
STD-B				148.7		60
STD-P				204.2		120
GOZ-08-61	73.6	12.3	4.1	497.9	3.066051321	120
GOZ-08-61	56.7	12.6	4.1	507.5	3.050759039	120
GOZ-08-61	37.12	12.4	4.1	598.6	3.656431423	120
GOZ-08-61	29.12	12.8	4.1	582.4	3.446305728	120
STD-B				148.7		120
STD-P				204.2		150
GOZ-08-61	73.6	12.3	4.1	497.8	3.065435525	150
GOZ-08-61	56.7	12.6	4.1	507.4	3.050157904	150
GOZ-08-61	37.12	12.4	4.1	598.5	3.655820592	150
GOZ-08-61	29.12	12.8	4.1	582.4	3.446305728	150
STD-B				148.8		150
STD-P				204.2		180
GOZ-08-61	73.6	12.3	4.1	497.5	3.063588135	180
GOZ-08-61	56.7	12.6	4.1	502.3	3.01950003	180
GOZ-08-61	37.12	12.4	4.1	598.3	3.654598931	180
GOZ-08-61	29.12	12.8	4.1	582.4	3.446305728	180
STD-B				148.7		180
STD-P				204.3		210
GOZ-08-61	73.6	12.3	4.1	497.2	3.061740745	210
GOZ-08-61	56.7	12.6	4.1	507.1	3.0483545	210
GOZ-08-61	37.12	12.4	4.1	598.2	3.653988101	210
GOZ-08-61	29.12	12.8	4.1	582.4	3.446305728	210
STD-B				148.8		210
STD-P				204.2		-24
GOZ-08-62	93.8	13.3	4.1	567.6	3.232459937	-24
GOZ-08-62	82.78	13.4	4.1	621.5	3.513004773	-24
GOZ-08-62	53.7	13.8	4.1	583.3	3.201513189	-24
STD-B				148.7		-24
STD-P				204.2		720
GOZ-08-62	93.8	13.3	4.1	566.2	3.224486992	720
GOZ-08-62	82.78	13.4	4.1	620	3.50452608	720

GOZ-08-62	53.7	13.8	4.1	581.9	3.193829118	720
STD-B				148.7		720
STD-P				204.2		0
GOZ-08-62	93.8	13.3	4.1	568.9	3.239863387	0
GOZ-08-62	82.78	13.4	4.1	623.7	3.525440188	0
GOZ-08-62	53.7	13.8	4.1	585.2	3.21194157	0
STD-B				148.7		0
STD-P				204.2		30
GOZ-08-62	93.8	13.3	4.1	566.8	3.227903969	30
GOZ-08-62	82.78	13.4	4.1	620.6	3.507917557	30
GOZ-08-62	53.7	13.8	4.1	582.9	3.19931774	30
STD-B				148.7		30
STD-P				204.2		60
GOZ-08-62	93.8	13.3	4.1	566.8	3.227903969	60
GOZ-08-62	82.78	13.4	4.1	620.5	3.507352311	60
GOZ-08-62	53.7	13.8	4.1	582.8	3.198768878	60
STD-B				148.7		60
STD-P				204.2		90
GOZ-08-62	93.8	13.3	4.1	566.7	3.227334472	90
GOZ-08-62	82.78	13.4	4.1	620.4	3.506787065	90
GOZ-08-62	53.7	13.8	4.1	582.7	3.198220015	90
STD-B				148.7		90
STD-P				204.2		120
GOZ-08-62	93.8	13.3	4.1	566.6	3.226764976	120
GOZ-08-62	82.78	13.4	4.1	620.3	3.506221819	120
GOZ-08-62	53.7	13.8	4.1	582.5	3.197122291	120
STD-B				148.7		120
STD-P				204.2		150
GOZ-08-62	93.8	13.3	4.1	566.5	3.22619548	150
GOZ-08-62	82.78	13.4	4.1	620.2	3.505656573	150
GOZ-08-62	53.7	13.8	4.1	582.5	3.197122291	150
STD-B				148.7		150
STD-P				204.2		180
GOZ-08-62	93.8	13.3	4.1	566.5	3.22619548	180
GOZ-08-62	82.78	13.4	4.1	620.2	3.505656573	180
GOZ-08-62	53.7	13.8	4.1	582.4	3.196573429	180
STD-B				148.7		180
STD-P				204.2		210
GOZ-08-62	93.8	13.3	4.1	566.4	3.225625984	210
GOZ-08-62	82.78	13.4	4.1	620.2	3.505656573	210
GOZ-08-62	53.7	13.8	4.1	582.2	3.195475704	210
STD-B				148.7		210

GOZ DENSITY LOG

TIME: -24=initial, 0=wet, 720=dry

HOLE	DEPTH	LITH.	HEIGHT	DIAM.	MASS.	DENSITY	TIME
GOZ-08-56	17.77		11.4	4.1	438.4	2.91	-24
GOZ-08-56	17.77		11.4	4.1	438.0	2.91	0
GOZ-08-56	17.77		11.4	4.1	436.9	2.90	30
GOZ-08-56	17.77		11.4	4.1	436.5	2.90	60
GOZ-08-56	17.77		11.4	4.1	436.3	2.90	90
GOZ-08-56	17.77		11.4	4.1	436.3	2.90	120
GOZ-08-56	17.77		11.4	4.1	436.2	2.90	150
GOZ-08-56	17.77		11.4	4.1	436.2	2.90	180
GOZ-08-56	17.77		11.4	4.1	436.1	2.90	210
GOZ-08-56	17.77		11.4	4.1	436.2	2.90	720
GOZ-08-56	40.15		14.7	4.1	558.2	2.88	-24
GOZ-08-56	40.15		14.7	4.1	558.0	2.88	0
GOZ-08-56	40.15		14.7	4.1	556.4	2.87	30
GOZ-08-56	40.15		14.7	4.1	556.0	2.86	60
GOZ-08-56	40.15		14.7	4.1	555.8	2.86	90
GOZ-08-56	40.15		14.7	4.1	555.6	2.86	120
GOZ-08-56	40.15		14.7	4.1	555.5	2.86	150
GOZ-08-56	40.15		14.7	4.1	555.4	2.86	180
GOZ-08-56	40.15		14.7	4.1	555.3	2.86	210
GOZ-08-56	40.15		14.7	4.1	554.9	2.86	720
GOZ-08-56	53.65		14.8	4.1	576.1	2.95	-24
GOZ-08-56	53.65		14.8	4.1	575.3	2.94	0
GOZ-08-56	53.65		14.8	4.1	575.2	2.94	30
GOZ-08-56	53.65		14.8	4.1	575.0	2.94	60
GOZ-08-56	53.65		14.8	4.1	574.9	2.94	90
GOZ-08-56	53.65		14.8	4.1	574.9	2.94	120
GOZ-08-56	53.65		14.8	4.1	574.9	2.94	150
GOZ-08-56	53.65		14.8	4.1	574.8	2.94	180
GOZ-08-56	53.65		14.8	4.1	574.8	2.94	210
GOZ-08-56	53.65		14.8	4.1	574.7	2.94	720
GOZ-08-56	67.27		14.8	4.1	567.6	2.90	-24
GOZ-08-56	67.27		14.8	4.1	568.6	2.91	0
GOZ-08-56	67.27		14.8	4.1	567.0	2.90	30
GOZ-08-56	67.27		14.8	4.1	566.3	2.90	60
GOZ-08-56	67.27		14.8	4.1	566.0	2.90	90
GOZ-08-56	67.27		14.8	4.1	565.9	2.90	120
GOZ-08-56	67.27		14.8	4.1	565.8	2.90	150
GOZ-08-56	67.27		14.8	4.1	565.7	2.90	180
GOZ-08-56	67.27		14.8	4.1	565.6	2.89	210
GOZ-08-56	67.27		14.8	4.1	565.5	2.89	720
GOZ-08-57	22.86		14.7	4.1	558.8	2.88	-24
GOZ-08-57	22.86		14.7	4.1	559.0	2.88	0
GOZ-08-57	22.86		14.7	4.1	556.6	2.87	35
GOZ-08-57	22.86		14.7	4.1	555.7	2.86	65
GOZ-08-57	22.86		14.7	4.1	555.0	2.86	115
GOZ-08-57	22.86		14.7	4.1	554.5	2.86	145
GOZ-08-57	22.86		14.7	4.1	554.2	2.86	190
GOZ-08-57	22.86		14.7	4.1	554.0	2.85	220
GOZ-08-57	22.86		14.7	4.1	554.0	2.85	250
GOZ-08-57	22.86		14.7	4.1	553.9	2.85	280
GOZ-08-57	22.86		14.7	4.1	553.9	2.85	310
GOZ-08-57	22.86		14.7	4.1	553.4	2.85	720
GOZ-08-57	39.56		14.6	4.1	621.6	3.22	-24
GOZ-08-57	39.56		14.6	4.1	621.5	3.22	0
GOZ-08-57	39.56		14.6	4.1	620.6	3.22	35
GOZ-08-57	39.56		14.6	4.1	620.5	3.22	65
GOZ-08-57	39.56		14.6	4.1	620.4	3.22	115

HOLE	DEPTH	LITH.	HEIGHT	DIAM.	MASS.	DENSITY	TIME
GOZ-08-57	39.56		14.6	4.1	620.2	3.22	145
GOZ-08-57	39.56		14.6	4.1	620.2	3.22	190
GOZ-08-57	39.56		14.6	4.1	620.1	3.22	220
GOZ-08-57	39.56		14.6	4.1	620.2	3.22	250
GOZ-08-57	39.56		14.6	4.1	620.2	3.22	280
GOZ-08-57	39.56		14.6	4.1	620.2	3.22	310
GOZ-08-57	39.56		14.6	4.1	619.8	3.22	720
GOZ-08-57	45.56		15.0	4.1	563.4	2.84	-24
GOZ-08-57	45.56		15.0	4.1	563.4	2.84	0
GOZ-08-57	45.56		15.0	4.1	562.1	2.84	35
GOZ-08-57	45.56		15.0	4.1	562.0	2.84	65
GOZ-08-57	45.56		15.0	4.1	562.0	2.84	115
GOZ-08-57	45.56		15.0	4.1	561.8	2.84	145
GOZ-08-57	45.56		15.0	4.1	561.8	2.84	190
GOZ-08-57	45.56		15.0	4.1	561.7	2.84	220
GOZ-08-57	45.56		15.0	4.1	561.7	2.84	250
GOZ-08-57	45.56		15.0	4.1	561.8	2.84	280
GOZ-08-57	45.56		15.0	4.1	561.8	2.84	310
GOZ-08-57	45.56		15.0	4.1	561.5	2.84	720
GOZ-08-58	47.9		14.9	4.1	561.9	2.86	-24
GOZ-08-58	47.9		14.9	4.1	561.8	2.86	0
GOZ-08-58	47.9		14.9	4.1	561.3	2.85	45
GOZ-08-58	47.9		14.9	4.1	561.2	2.85	75
GOZ-08-58	47.9		14.9	4.1	561.2	2.85	105
GOZ-08-58	47.9		14.9	4.1	561.1	2.85	135
GOZ-08-58	47.9		14.9	4.1	561.1	2.85	165
GOZ-08-58	47.9		14.9	4.1	560.9	2.85	720
GOZ-08-58	50.96		14.7	4.1	638.8	3.29	-24
GOZ-08-58	50.96		14.7	4.1	638.8	3.29	0
GOZ-08-58	50.96		14.7	4.1	638.2	3.29	45
GOZ-08-58	50.96		14.7	4.1	638.1	3.29	75
GOZ-08-58	50.96		14.7	4.1	638.1	3.29	105
GOZ-08-58	50.96		14.7	4.1	638.1	3.29	135
GOZ-08-58	50.96		14.7	4.1	638.0	3.29	165
GOZ-08-58	50.96		14.7	4.1	637.9	3.29	720
GOZ-08-58	64.38		14.7	4.1	582.3	3.00	-24
GOZ-08-58	64.38		14.7	4.1	582.2	3.00	0
GOZ-08-58	64.38		14.7	4.1	581.6	3.00	45
GOZ-08-58	64.38		14.7	4.1	581.5	3.00	75
GOZ-08-58	64.38		14.7	4.1	581.5	3.00	105
GOZ-08-58	64.38		14.7	4.1	581.4	3.00	135
GOZ-08-58	64.38		14.7	4.1	581.4	3.00	165
GOZ-08-58	64.38		14.7	4.1	581.0	2.99	720
GOZ-08-58	73.57		15.1	4.1	669.1	3.36	-24
GOZ-08-58	73.57		15.1	4.1	668.7	3.35	0
GOZ-08-58	73.57		15.1	4.1	668.1	3.35	45
GOZ-08-58	73.57		15.1	4.1	667.9	3.35	75
GOZ-08-58	73.57		15.1	4.1	667.9	3.35	105
GOZ-08-58	73.57		15.1	4.1	667.9	3.35	135
GOZ-08-58	73.57		15.1	4.1	667.8	3.35	165
GOZ-08-58	73.57		15.1	4.1	667.8	3.35	720
GOZ-08-58	103.04		14.8	4.1	566.9	2.91	-24
GOZ-08-58	103.04		14.8	4.1	566.3	2.91	0
GOZ-08-58	103.04		14.8	4.1	562.2	2.89	45
GOZ-08-58	103.04		14.8	4.1	561.4	2.88	75
GOZ-08-58	103.04		14.8	4.1	561.1	2.88	105
GOZ-08-58	103.04		14.8	4.1	560.9	2.88	135
GOZ-08-58	103.04		14.8	4.1	560.8	2.88	165
GOZ-08-58	103.04		14.8	4.1	560.4	2.88	720

HOLE	DEPTH	LITH.	HEIGHT	DIAM.	MASS.	DENSITY	TIME
GOZ-08-59	65.2		14.7	4.1	559.2	2.88	-24
GOZ-08-59	65.2		14.7	4.1	560.0	2.89	0
GOZ-08-59	65.2		14.7	4.1	558.6	2.88	30
GOZ-08-59	65.2		14.7	4.1	558.5	2.88	60
GOZ-08-59	65.2		14.7	4.1	558.4	2.88	90
GOZ-08-59	65.2		14.7	4.1	558.2	2.88	120
GOZ-08-59	65.2		14.7	4.1	558.2	2.88	150
GOZ-08-59	65.2		14.7	4.1	558.2	2.88	180
GOZ-08-59	65.2		14.7	4.1	558.2	2.88	210
GOZ-08-59	65.2		14.7	4.1	558.1	2.88	240
GOZ-08-59	65.2		14.7	4.1	558.2	2.88	270
GOZ-08-59	65.2		14.7	4.1	558.1	2.88	300
GOZ-08-59	65.2		14.7	4.1	557.7	2.87	720
GOZ-08-59	71.68		14.3	4.1	526.3	2.79	-24
GOZ-08-59	71.68		14.3	4.1	527.4	2.79	0
GOZ-08-59	71.68		14.3	4.1	525.3	2.78	30
GOZ-08-59	71.68		14.3	4.1	525.0	2.78	60
GOZ-08-59	71.68		14.3	4.1	524.9	2.78	90
GOZ-08-59	71.68		14.3	4.1	524.7	2.78	120
GOZ-08-59	71.68		14.3	4.1	524.7	2.78	150
GOZ-08-59	71.68		14.3	4.1	524.7	2.78	180
GOZ-08-59	71.68		14.3	4.1	524.7	2.78	210
GOZ-08-59	71.68		14.3	4.1	524.6	2.78	240
GOZ-08-59	71.68		14.3	4.1	524.6	2.78	270
GOZ-08-59	71.68		14.3	4.1	524.6	2.78	300
GOZ-08-59	71.68		14.3	4.1	524.5	2.78	720
GOZ-08-59	75.65		14.5	4.1	551.3	2.88	-24
GOZ-08-59	75.65		14.5	4.1	551.9	2.88	0
GOZ-08-59	75.65		14.5	4.1	550.7	2.88	30
GOZ-08-59	75.65		14.5	4.1	550.4	2.88	60
GOZ-08-59	75.65		14.5	4.1	550.2	2.87	90
GOZ-08-59	75.65		14.5	4.1	550.1	2.87	120
GOZ-08-59	75.65		14.5	4.1	550.0	2.87	150
GOZ-08-59	75.65		14.5	4.1	549.9	2.87	180
GOZ-08-59	75.65		14.5	4.1	549.9	2.87	210
GOZ-08-59	75.65		14.5	4.1	549.8	2.87	240
GOZ-08-59	75.65		14.5	4.1	549.7	2.87	270
GOZ-08-59	75.65		14.5	4.1	549.8	2.87	300
GOZ-08-59	75.65		14.5	4.1	549.2	2.87	720
GOZ-08-60	27.18		14.7	4.1	544.5	2.81	-24
GOZ-08-60	27.18		14.7	4.1	545.8	2.81	0
GOZ-08-60	27.18		14.7	4.1	543.4	2.80	30
GOZ-08-60	27.18		14.7	4.1	542.8	2.80	60
GOZ-08-60	27.18		14.7	4.1	542.4	2.79	90
GOZ-08-60	27.18		14.7	4.1	542.1	2.79	120
GOZ-08-60	27.18		14.7	4.1	542.0	2.79	150
GOZ-08-60	27.18		14.7	4.1	542.0	2.79	180
GOZ-08-60	27.18		14.7	4.1	541.9	2.79	210
GOZ-08-60	27.18		14.7	4.1	541.8	2.79	240
GOZ-08-60	27.18		14.7	4.1	541.7	2.79	270
GOZ-08-60	27.18		14.7	4.1	541.7	2.79	300
GOZ-08-60	27.18		14.7	4.1	541.7	2.79	330
GOZ-08-60	27.18		14.7	4.1	541.6	2.79	720
GOZ-08-60	98.98		14.1	4.1	709.2	3.81	-24
GOZ-08-60	98.98		14.1	4.1	717.8	3.86	0
GOZ-08-60	98.98		14.1	4.1	709.8	3.81	30
GOZ-08-60	98.98		14.1	4.1	708.5	3.81	60
GOZ-08-60	98.98		14.1	4.1	707.9	3.80	90
GOZ-08-60	98.98		14.1	4.1	707.4	3.80	120

HOLE	DEPTH	LITH.	HEIGHT	DIAM.	MASS.	DENSITY	TIME
GOZ-08-60	98.98		14.1	4.1	707.3	3.80	150
GOZ-08-60	98.98		14.1	4.1	707.3	3.80	180
GOZ-08-60	98.98		14.1	4.1	707.3	3.80	210
GOZ-08-60	98.98		14.1	4.1	707.2	3.80	240
GOZ-08-60	98.98		14.1	4.1	707.2	3.80	270
GOZ-08-60	98.98		14.1	4.1	707.3	3.80	300
GOZ-08-60	98.98		14.1	4.1	707.2	3.80	330
GOZ-08-60	98.98		14.1	4.1	707.4	3.80	720
GOZ-08-61	29.12		12.8	4.1	583.7	3.45	-24
GOZ-08-61	29.12		12.8	4.1	585.5	3.46	0
GOZ-08-61	29.12		12.8	4.1	582.7	3.45	30
GOZ-08-61	29.12		12.8	4.1	582.6	3.45	60
GOZ-08-61	29.12		12.8	4.1	582.4	3.45	120
GOZ-08-61	29.12		12.8	4.1	582.4	3.45	150
GOZ-08-61	29.12		12.8	4.1	582.4	3.45	180
GOZ-08-61	29.12		12.8	4.1	582.4	3.45	210
GOZ-08-61	29.12		12.8	4.1	582.3	3.45	720
GOZ-08-61	37.12		12.4	4.1	602.7	3.68	-24
GOZ-08-61	37.12		12.4	4.1	603.8	3.69	0
GOZ-08-61	37.12		12.4	4.1	599.6	3.66	30
GOZ-08-61	37.12		12.4	4.1	598.9	3.66	60
GOZ-08-61	37.12		12.4	4.1	598.6	3.66	120
GOZ-08-61	37.12		12.4	4.1	598.5	3.66	150
GOZ-08-61	37.12		12.4	4.1	598.3	3.65	180
GOZ-08-61	37.12		12.4	4.1	598.2	3.65	210
GOZ-08-61	37.12		12.4	4.1	597.6	3.65	720
GOZ-08-61	56.7		12.6	4.1	509.4	3.06	-24
GOZ-08-61	56.7		12.6	4.1	512.2	3.08	0
GOZ-08-61	56.7		12.6	4.1	508.6	3.06	30
GOZ-08-61	56.7		12.6	4.1	507.9	3.05	60
GOZ-08-61	56.7		12.6	4.1	507.5	3.05	120
GOZ-08-61	56.7		12.6	4.1	507.4	3.05	150
GOZ-08-61	56.7		12.6	4.1	502.3	3.02	180
GOZ-08-61	56.7		12.6	4.1	507.1	3.05	210
GOZ-08-61	56.7		12.6	4.1	506.6	3.05	720
GOZ-08-61	73.6		12.3	4.1	501.9	3.09	-24
GOZ-08-61	73.6		12.3	4.1	503.3	3.10	0
GOZ-08-61	73.6		12.3	4.1	499.6	3.08	30
GOZ-08-61	73.6		12.3	4.1	498.5	3.07	60
GOZ-08-61	73.6		12.3	4.1	497.9	3.07	120
GOZ-08-61	73.6		12.3	4.1	497.8	3.07	150
GOZ-08-61	73.6		12.3	4.1	497.5	3.06	180
GOZ-08-61	73.6		12.3	4.1	497.2	3.06	210
GOZ-08-61	73.6		12.3	4.1	496.9	3.06	720
GOZ-08-62	53.7		13.8	4.1	583.3	3.20	-24
GOZ-08-62	53.7		13.8	4.1	585.2	3.21	0
GOZ-08-62	53.7		13.8	4.1	582.9	3.20	30
GOZ-08-62	53.7		13.8	4.1	582.8	3.20	60
GOZ-08-62	53.7		13.8	4.1	582.7	3.20	90
GOZ-08-62	53.7		13.8	4.1	582.5	3.20	120
GOZ-08-62	53.7		13.8	4.1	582.5	3.20	150
GOZ-08-62	53.7		13.8	4.1	582.4	3.20	180
GOZ-08-62	53.7		13.8	4.1	582.2	3.20	210
GOZ-08-62	53.7		13.8	4.1	581.9	3.19	720
GOZ-08-62	82.78		13.4	4.1	621.5	3.51	-24
GOZ-08-62	82.78		13.4	4.1	623.7	3.53	0
GOZ-08-62	82.78		13.4	4.1	620.6	3.51	30
GOZ-08-62	82.78		13.4	4.1	620.5	3.51	60
GOZ-08-62	82.78		13.4	4.1	620.4	3.51	90

CALC

HOLE	DEPTH	LITH.	HEIGHT	DIAM.	MASS.	DENSITY	TIME
GOZ-08-62	82.78		13.4	4.1	620.3	3.51	120
GOZ-08-62	82.78		13.4	4.1	620.2	3.51	150
GOZ-08-62	82.78		13.4	4.1	620.2	3.51	180
GOZ-08-62	82.78		13.4	4.1	620.2	3.51	210
GOZ-08-62	82.78		13.4	4.1	620	3.50	720
GOZ-08-62	93.8		13.3	4.1	567.6	3.23	-24
GOZ-08-62	93.8		13.3	4.1	568.9	3.24	0
GOZ-08-62	93.8		13.3	4.1	566.8	3.23	30
GOZ-08-62	93.8		13.3	4.1	566.8	3.23	60
GOZ-08-62	93.8		13.3	4.1	566.7	3.23	90
GOZ-08-62	93.8		13.3	4.1	566.6	3.23	120
GOZ-08-62	93.8		13.3	4.1	566.5	3.23	150
GOZ-08-62	93.8		13.3	4.1	566.5	3.23	180
GOZ-08-62	93.8		13.3	4.1	566.4	3.23	210
GOZ-08-62	93.8		13.3	4.1	566.2	3.22	720

HOLE	DEPTH	LITH.	DENSITY
GOZ-08-56	17.77		2.76
GOZ-08-56	40.15		2.72
GOZ-08-56	53.65		2.80
GOZ-08-56	67.27		2.76
GOZ-08-57	22.86		2.72
GOZ-08-57	39.56		3.06
GOZ-08-57	45.56		2.70
GOZ-08-58	47.9		2.72
GOZ-08-58	50.96		3.13
GOZ-08-58	64.38		2.85
GOZ-08-58	73.57		3.19
GOZ-08-58	103.04		2.74
GOZ-08-59	65.2		2.74
GOZ-08-59	71.68		2.65
GOZ-08-59	75.65		2.73
GOZ-08-60	27.18		2.66
GOZ-08-60	98.98		3.62
GOZ-08-61	29.12		3.28
GOZ-08-61	37.12		3.48
GOZ-08-61	56.7		2.90
GOZ-08-61	73.6		2.92
GOZ-08-62	53.7		3.04
GOZ-08-62	82.78		3.34
GOZ-08-62	93.8		3.07

GOZ PROJECT

PROPERTY: GOZ

HOLE: GOZ-08-56

Easting	Northing	Elev.	Depth (m)
620041	7147280	1413	67.97

Contractor: Top Rank
Drill: JKS-300

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	62	-60	compass	37.19	61.6	-59.2	Icefield
6.71	61.3	-59.3	Icefield	52.43	62	-59.3	Icefield
9.75	60.4	-59.2	Icefield	67.67	57.1	-59.4	Icefield
21.95	61.2	-59.3	Icefield				

Core size: BTW
Casing depth: 6.10 (m) out

Drilling dates: June 23 to 24, 2008

Logged by: M.R.Dumala

Target: _____

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

SAMPLES	
Numbers:	
Total:	0
Date sent:	

COMMENTS

PROPERTY: GOZ **HOLE:** GOZ-08-56

Struct.		LITHOLOGY								ALT.		MINERALS				SAMPLES								Blocks			GEOTECHNICAL						JOINTS				
																			REC								REC		ROD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Silica		Sphalerite	Smithsonite	Pyrite	Galena	From (m)	To (m)	Interval (m)	(m)	Percent	Sample	Zn (ppm)	Pb (ppm)	Ag (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
		0.00	7.01	7.01	OVB				Ground & rubbly, poor recovery							Hole not sampled.									0.00	7.01	7.01	0.36	5%	0.00	0%	MW		>50				
									Same lithology as below	w		t	w																									
		7.01	10.00	2.99	SP	DOL	FX		Light gray speckled dolostone	w		t	w												7.01	10.06	3.05	1.95	64%	0.58	19%	SW		>50				
									fractured, Sm & Sp(red) fracture filling																														
									vugy intervals with Sm filling																														
									lower contact rubly and fractured																														
		10.00	17.11	7.11	SP	DOL	CR		as above, crackle texture	w		w	w												10.06	13.11	3.05	2.57	84%	1.84	60%	SW		>50				
									rubbly and broken sections																13.11	16.15	3.04	2.32	76%	1.66	55%	SW		>50				
									red Sp and Sm fracture filling																														
									10.10 to 10.35 1-2 cm fractures																														
									with strong and patchy Sp																														
		17.11	22.80	5.69	SP	DOL			as above, more solid appearance	w		t	t												16.15	19.20	3.05	2.64	87%	1.79	59%	MW		>50				
									less fractured and brecciated																19.20	22.25	3.05	2.22	73%	0.53	17%	SW		>50				
									locally vuggy (19.20)																														
									17.11 to 19.20 minor fractures																														
									with Sm and Sp filling																														
									increased fractures to lower contact																														
		22.80	28.45	5.65	SP	DOL			as above, increased silicification	M		t													22.25	25.30	3.05	2.21	72%	1.75	57%	SW		>50				
									"bleby" qz patches/veins <2 cm																25.30	28.35	3.05	2.32	76%	0.57	19%	SW		>50				
									with red Sp along edges & centres																														
									most abundant after 26.00																														
									rubbly patches																														
									powder coating on joints reacts with																														
									zinc zap																														
		28.45	33.83	5.38	SP	DOL	CR		as above, less quartz blebs	M		t													28.35	31.39	3.04	2.65	87%	1.33	44%	SW		18	50	5	4	Hz
									qz blebs/veins with red Sp every 30 cm																31.39	34.44	3.05	2.89	95%	2.05	67%	SW		14	52	3	3	Hz
									1-2 cm in width/diameter																														
									mild crackle texture																														
									bands of micritic dolostone																														
									increasing with depth																														
		33.83	40.54	6.71	INC	DOL	CR		Inclusion Dolostone	M		w		t											34.44	37.49	3.05	2.93	96%	2.00	66%	FR		16	25	4	3	Hz
									Gray fragments with light gray to white																37.49	40.54	3.05	2.92	96%	2.09	69%	FR		12	34	4	3	None
									dolomite matrix																														
									weak to moderate crackle texture																														
									minor patches of speckled dolostone																														
									very little mineralizaiton, some diss Py																														
		40.54	46.50	5.96	INC	DOL	CR		as above, increased silicification	M		t		t											40.54	43.59	3.05	3.05	100%	2.54	83%	FR		7	40	5	3	None
									40.54 to 42.00 Psilitic texture																43.59	46.63	3.04	2.82	93%	2.01	66%	FR		9	30	4	3	None
									with bands of wispy/speckled dolo																														
									minor quartz blebs with red Sp																														
									At 43.50, minor py fracture filling																														

PROPERTY: GOZ **HOLE:** GOZ-08-56

Struct.		LITHOLOGY								ALT.		MINERALS				SAMPLES									Blocks			GEOTECHNICAL						JOINTS				
																			REC									REC		ROD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Silica		Sphalerite	Smithsonite	Pyrite	Galena	From (m)	To (m)	Interval (m)	(m)	Percent	Sample	Zn (ppm)	Pb (ppm)	Ag (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
		46.50	58.80	12.30	MIC	DOL			Micritic dolostone	M		t		t											46.63	49.68	3.05	2.99	98%	2.58	85%	FR		11	45	4	3	Hz
									Pisolitic and speckled to 50.00																49.68	52.73	3.05	2.77	91%	2.26	74%	FR		5	45	3	3	None
									48.25 weak pyrite fracture filling																52.73	55.78	3.05	3.02	99%	2.74	90%	FR		3	55	3	3	Fe
									hairline fractures	S		w													55.78	58.83	3.05	2.94	96%	2.34	77%	FR		11	35	2	3	None
									50.95 to 51.10 quartz vein	M		w		t																									
									with yellow & red sphalerite + large																														
									quartz crystzls																														
									53.00 strong crackle texture ~20 cm	M		t																											
									with wispy/speckeled dolostone																														
									abrubtly changes texture to uniform																														
									micritic dolostone																														
									fracturing increasing after 56.00 m	S		t																											
		58.80	63.40	4.60	PSI	DOL			mottled to psiolitic texture, locally micritic	S															58.83	61.87	3.04	2.87	94%	1.64	54%	FR		5	50	2	3	None
									some quartz blebs with trace Sp			t													61.87	64.92	3.05	2.92	96%	2.26	74%	FR		8	25	2	3	None
		63.40	67.97	4.57	INT	DOL			Interformational Dolostone breccia																64.92	67.97	3.05	2.75	90%	1.21	40%	FR		10	35	2	3	None
									moderate to strong silicification																														
									64.95/64.75/65.80/65/10 patcheswith			w																												
									0.5 to 1 cm red Sp																														
									disseminated Sp from 64 to 67 (<1%)																														
									Sp occurs with white quartz																														
									Psiolitic texture near EOH																														
		67.97			EOH				EOH																														

GOZ PROJECT

PROPERTY: GOZ

HOLE: GOZ-08-57

Easting	Northing	Elev.	Depth (m)
619977	7147264	1425	90.53

Contractor: Top Rank
Drill: JKS-300

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	62	-60	compass	59.44	63.3	-61.4	Icefield
13.72	61.3	-61.2	Icefield	74.68	63.3	-61.5	Icefield
28.96	62.2	-61.4	Icefield	89.92	63.9	-61.2	Icefield
44.2	62.9	-61.4	Icefield				

Core size: BTW
Casing depth: 4.57 (m) out

Drilling dates: June 25 to 26, 2008

Logged by: M.R.Dumala

Target: _____

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

SAMPLES	
Numbers:	G005001 – G005036
Total:	36
Date sent:	July 2, 2008

COMMENTS

PROPERTY: GOZ **HOLE:** GOZ-08-57

LITHOLOGY										ALT.		MINERALS				SAMPLES									Blocks			GEOTECHNICAL						JOINTS					
Struct.																			REC									REC		RQD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Silica		Sphalerite	Smithsonite	Pyrite	Galena	From (m)	To (m)	Interval (m)	(m)	Percent	Sample	Zn (ppm)	Pb (ppm)	Ag (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling	
		0.00	5.18	5.18	OVB				Broken and rubbly, Zn hyrd. Coating																0.00	5.18	5.18	1.02	20	0.11	2	SW	MS	20		2	3		
									fragments of Speckled Dolostone																															
		5.18	12.50	7.32	SP	DOL			Speckled dolostone, rubbly	w			w	w											5.18	8.23	3.05	2.74	90	0.00	0	SW	S	25	45	3	2		
									patches (<10cm) brecciated (Sm MX)																8.23	11.28	3.05	2.78	91	1.12	37	SW	S	15	45	2	2		
									Py altered to limonite along fractures																11.28	14.33	3.05	2.65	87	2.18	71	FR	S	8	70	2	2		
		12.50	18.49	5.99	INT	DOL	BX		Interformational Dolostone Breccia	m		m	w	t																								
									Dark angular to sub-angular spec dol							13.58	15.57	1.99	1.69	85	G005001	1.38%	8.4	0.44	14.33	17.37	3.04	2.73	90	2.42	80	FR	MS	3	90	3	3		
									clasts with white dolomite mx																														
									Limonite on FX; red to yellow Sp with							15.57	17.17	1.60	1.59	99	G005002	5..45%	22.4	1.18															
									quartz in fractures and pockets																														
									increasing with depth							17.17	18.49	1.32	1.29	98	G005003	2.58%	15.1	0.27														
									minor purple Sp																														
									Strongest Sp after 16.75 (~1%)																17.37	20.42	3.05	2.70	89	1.70	56	SW	MS	5	75	5	4		
		18.49	19.21	0.72	ALT	DOL			Altered Interformational Dolostone	w		w	m			18.49	20.70	2.21	1.88	85	G005004	1.82%	13	0.13															
									zinc hydro. And Sm fracture coating																														
		19.21	22.67	3.46	INT	DOL			weakly altered Interfomational Dolo			w	w	t																								
									zinc hydro. And Sm on joints/FX							20.70	22.67	1.97	1.72	87	G005005	4.04%	6.1	0.21	20.42	23.47	3.05	2.92	96	1.99	65	SW	MS	8	70	3	3		
																STD					G005006	1.27%	8640	>100														
		22.67	25.29	2.62	ALT	DOL			Orange-white alt. Spec dol	w		w		w		22.67	25.29	2.62	2.24	85	G005007	14.15%	53.3	3.69	23.47	26.52	3.05	2.77	91	1.82	60	MW	MS	8	60	3	3		
									limonite+pyrite+smithsonite+/-Sp																														
		25.29	40.18	14.89	INT	DOL			Interformational Dolostone Breccia	w						25.29	27.54	2.25	2.23	99	G005008	4.19%	17.1	0.89	26.52	29.57	3.05	3.04	100	2.60	85	FR	MS	5	65	3	3		
									with minor band of wispy to speck Dolo							27.54	29.59	2.05	1.98	97	G005009	5.50%	29	1.98	29.57	32.61	3.04	3.03	100	2.80	92	FR	MS	3	60	3	3		
									moderate red Sp starting at 27.25 (1-2%)							29.59	31.57	1.98	2.00	101	G005010	4.02%	14.1	0.59	32.61	35.66	3.05	3.05	100	2.81	92	FR	MS	3	60	3	3		
									33.22 to 33.51 massive red Sp							DUPLICATE					G005011	4.49%	19.3	1.42	35.66	38.71	3.05	2.95	97	2.74	90	FR	MS	3	70	2	3		
									37.40 to 38.50 bleached							31.57	33.22	1.65	1.65	100	G005012	6.20%	27.1	1.91	38.71	41.76	3.05	3.02	99	2.84	93	FR	MS	2	85	3	2		
									Sp (red and yellow)							33.22	33.51	0.29	0.29	100	G005013	41.25	71.3	45														
									Sp ~5% between 39.40 and 40.18							BLANK					G005014	1460	1.9	0.09														
																33.51	34.60	1.09	1.05	96	G005015	3.78%	11.9	1.81														
																34.60	36.60	2.00	2.00	100	G005016	4.78%	12.5	2.64														
																36.60	38.56	1.96	1.89	96	G005017	9610	4.5	0.15														
																38.56	39.39	0.83	0.87	105	G005018	8550	4.4	0.39														
																39.39	40.16	0.77	0.77	100	G005019	15.85%	18.1	14.7														
		40.18	64.90	24.72	INT	DOL	BX		light gray vuggy interformational dolo	m		w				40.16	42.16	2.00	1.99	100	G005020	9190	8.1	0.68	41.76	44.81	3.05	3.01	99	2.79	91	FR	MS	4	80	3	2		
									increased silica							42.16	44.16	2.00	1.97	99	G005021	7350	8.3	0.28	44.81	47.85	3.04	3.05	100	2.74	90	FR	MS	5	50	3	3		
									disseminated red Sp <1%							44.16	46.16	2.00	2.00	100	G005022	4060	4.1	0.04	47.85	50.90	3.05	2.92	96	1.48	49	FR	MS	9	45	2	3		
									trace yellow sp							46.16	48.16	2.00	1.99	100	G005023	2440	4.2	0.07	50.90	53.95	3.05	2.77	91	2.10	69	FR	MS	15	55	4	4		
									lighter in appearance than INT DOL above							48.16	50.16	2.00	1.70	85	G005024	9500	5.6	0.31	53.95	57.00	3.05	3.03	99	2.72	89	FR	MS	6	45	3	2		
									weak internal bedding ~60 TCA							50.16	51.25	1.09	1.09	100	G005025	976	5.3	0.06														
									marked by darker wispy bands							STD					G005026	4.44%	22.1	1.26														
																51.25	53.25	2.00			G005027	1.35%	8430	>100														
																53.25	55.25	2.00	1.72	86	G005028	6410	13.1	0.4														
																55.25	57.25	2.00	1.93	97	G005029	7440	8.5	0.21	57.00	60.05	3.05	2.99	98	2.32	76	FR	S	8	50	2	2		
																BLANK					G005030	97	2.4	0.05														
																57.25	59.25	2.00	1.91	96	G005031	457	3.2	0.05	60.05	63.09	3.04	3.00	99	2.90	95	FR	MS	3	70	3	4		
																59.25	61.25	2.00	1.98	99	G005032	7170	4.5	0.11	63.09	66.14	3.05	2.94	96	2.14	70	FR	MS	4	50	2	3		
																61.25	63.25	2.00	1.90	95	G005033	1895	12.2	0.09														
		64.90	90.53	25.63	INT	DOL	BX		same unit as above, little to no Sp							63.25	64.83	1.58	1.57	99	G005034	4850	11.2	0.12	66.14	69.19	3.05	2.97	97	2.26	74	FR	MS	4	60	3	3		
									rubbly contact, minor gouge							64.83	66.83	2.00	1.77	89	G005035	409	2.2	2.71	69.19	72.24	3.05	3.01	99	2.32	76	FR	MS	7	50	2	2		
																66.83	68.83	2.00	1.89	95	G005036	1305	3.8	0.06	72.24	75.29	3.05	2.92	96	1.17	38	FR	S	6	45	3	3		
																									75.29	78.33	3.04	3.05	100	2.20	72	FR	MS	7	55	5	4		
																									78.33	81.38	3.05	3.07	101	2.10	69	FR	MS	6	60	3	4		
																									81.38	84.43	3.05	3.05	100	2.24	73	FR	MS	5	60	3	2		
																									84.43	87.48	3.05	3.06	100	1.97	65	FR	MS	9	70	3	2		
		90.53			EOH																				87.48	90.53	3.05	3.01	99	2.27	74	FR	MS	6	60	3	4		

GOZ PROJECT

PROPERTY: GOZ

HOLE: GOZ-08-58

Easting	Northing	Elev.	Depth (m)
619966	7147413	1413	133.2

Contractor: Top Rank
Drill: JKS-300

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	242	-50	compass	232.00	241.5	-51.0	Icefield
32.00	246.7	-51.1	Icefield	282.00	242.9	-50.5	Icefield
82.00	241.4	-51.9	Icefield	332.00	242.0	-50.2	Icefield
132.00	240.3	-51.7	Icefield	382.00	241.9	-49.5	Icefield
182.00	240.2	-51.3	Icefield	432.00	244.1	-48.9	Icefield

Core size: BTW
Casing depth: 4.57 (m) out

Drilling dates: June 27 to 30, 2008

Logged by: M. Kammerer

Target: _____

SUMMARY				
From (m)	To (m)	Interval	Unit	Comments
0.00	23.01	23.01		Dolostone Breccia Overburden
23.01	35.51	12.50		Intraformational Dolostone Breccia
35.51	76.19	40.68		Mineralized Siliceous Dolostone Breccia
76.19	93.80	17.61		Intraformational Dolostone Breccia
93.80	98.90	5.10		Mineralized Dolostone Gouge
98.90	113.15	14.25		Intraformational Dolostone Breccia
113.15	133.20	20.05		Micritic/Inclusion Dolostone
133.20				EOH

SAMPLES

Numbers: G005037 – G005101

Total: 65
Date sent: July 5, 2008

COMMENTS

PROPERTY: GOZ **HOLE:** GOZ-08-58

* R=Random

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	LITHOLOGY To (m)	LITHOLOGY Interval (m)	LITHOLOGY Type	LITHOLOGY Unit	LITHOLOGY Texture	LITHOLOGY Modifier	Notes:	ALT. Silica		MINERALS Sphalerite	MINERALS Smithsonite	MINERALS Hydrozincite	MINERALS Galena	MINERALS Pyrite	SAMPLES From (m)	SAMPLES To (m)	SAMPLES Interval (m)	SAMPLES REC (m)	SAMPLES REC Percent	SAMPLES Sample	SAMPLES Zn (ppm)	SAMPLES Pb (ppm)	SAMPLES Ag (ppm)	Blocks From (m)	Blocks To (m)	Blocks Intvl. (m)	GEOTECHNICAL REC (m)	GEOTECHNICAL REC Percent	GEOTECHNICAL RQD (m)	GEOTECHNICAL RQD Percent	GEOTECHNICAL Weathering	GEOTECHNICAL Hardness	JOINTS Frequency	JOINTS Attitude*	JOINTS Shape	JOINTS Roughness	JOINTS Infilling
		0.00	**23.01**	23.01	OVB				**Intraformational Dolostone Breccia Overburden**	TW		TW	W	W												0.00	5.18	5.18	1.68	32%	0.00	0%	HW	W	>50	R			
									Dark grey rubbly, weathered, clast supported dolostone																	5.18	8.23	3.05	1.57	51%	0.35	22%	HW	W	>50	R			
									breccia with orange-white dolomite/smithsonite matrix.																	8.23	11.28	3.05	2.27	74%	1.65	73%	HW	W	>50	R			
									White hydrozincite coating on many joint surfaces.																	11.28	14.33	3.05	1.38	45%	0.62	45%	HW	W	>50	R			
									Trace red sphalerite in blebs and joint infilling.																														
									Sphalerite appears weathered and reacts moderately to																														
									zinc-zap.																														
BD	278								14.50 – 15.35m: Pale, silty dolostone, bedded																	14.33	17.37	3.04	1.86	61%	1.62	87%	HW	W	>50	R			
																										17.37	20.42	3.05	2.51	82%	0.41	16%	HW	W	>50	R			
									19.72 – 23.01m: Broken core. Mostly gravel sized																	20.42	23.47	3.05	2.18	71%	0.50	23%	HW	W	>50	R			
									pieces.																														
		23.01	**35.51**	12.50	INT				**Intraformational Dolostone Breccia**	TW		W	W	W		T	23.01	25.10	2.09	1.95	93%	G005037	3530	5.6	0.14	23.47	26.52	3.05	2.92	96%	2.58	88%	MW	MS	32	R	3	2	Sm
									Dark to mid-grey clast supported dolostone breccia in								25.10	27.10	2.00	2.00	100%	G005038	1790	2.1	0.01	26.52	29.57	3.05	2.81	92%	2.81	100%	MW	MS	7	34	3	3	Sm/Hz
									orange-white dolomite/smithsonite matrix.								STD-HZ2					G005039	7.28%	>1%	61.7													
									Angular dolomite clasts.								27.10	29.32	2.22	1.95	88%	G005040	3.69%	37	2.22													
									White hydrozincite coating on many joint surfaces.								29.32	31.43	2.11	2.10	100%	G005041	1.49%	11.3	0.18													
									Trace dull, weathered red sphalerite as in previous unit.								31.43	33.40	1.97	1.93	98%	G005042	4880	17.3	0.09													
									Trace rusty pyrite in stylolitic fractures.								33.40	35.51	2.11	1.84	87%	G005043	1.23%	96.1	0.24													
																										29.57	32.61	3.04	2.99	98%	2.75	92%	MW	MS	6	42	3	3	Li
BD	388								28.41 – 28.65m: Bleached, dusty orange colour, strong																	32.61	35.66	3.05	2.93	96%	2.24	76%	MW	MS	>50	R			Sm
									reaction to zinc-zap. Contact 388 .																														
		35.51	**76.19**	40.68	SIL				**Mineralized Siliceous Dolostone Breccia**																	35.66	38.71	3.05	3.05	100%	2.99	98%	FR	MS	>50	R			Sm
									Strongly silica altered dolostone with abundant red																														
									and yellow sphalerite mineralization in breccia matrix.																														
									Yellow sphalerite often has speckled appearance and																														
									shows sunburst colour gradation from yellow to orange.																														
									Sphalerite also present to a lesser degree as blebs,																														
									joint infilling, and enrichment of sedimentary beds.																														
									Trace pyrite in matrix. Trace galena in lower section.																														
VN	758								35.51 – 35.60m: Quartz vein, massive red sphalerite in	I		I					35.51	36.05	0.54	0.54	100%	G005044	21.90%	241	4.57													
									margins.																														
									35.71 – 36.05m: Dolomite breccia with speckled yellow	I		30%																											
									sphalerite in matrix.																														
BD	508								36.05 – 37.00m: Banded dolostone with red sphalerite	I		S					36.05	36.82	0.77	0.77	100%	G005045	11.85%	72.2	6.45													
									filled fractures cross-cutting beds. Selective yellow																														
									discolouration of beds extending from sphalerite																														
									filled fractures.																														
	548								37.00 – 39.01m: Mottled dolostone with fuzzy margined	X		F					36.82	38.82	2.00	2.00	100%	G005046	5.64%	17.9	5.88													
									quartz blebs. Minor red sphalerite present as																														
									disseminated speckles and vague whispy banding.																														
									39.01 – 40.75m: Pale dolostone crackle breccia, with	W		T				T	38.82	40.75	1.93	1.93	100%	G005047	6.14%	22.2	15.1	38.71	41.76	3.05	3.05	100%	2.99	98%	FR	MS	10	51	3	2	N
									white dolomitic matrix. Trace red sphalerite and pyrite																														
									in fractures.																														
BD	538								40.75 – 43.90m: Banded dolostone with sub-angular	I		W					40.75	42.76	2.01	1.95	97%	G005048	2.83%	8.2	7.03	41.76	44.81	3.05	2.89	95%	2.62	91%	FR	MS	10	25	2	2	Sm.
									grey chert nodules. Trace red sphalerite blebs.																														
									43.90 – 44.40m: Sandy dolostone with moderate red	I		M					42.76	44.90	2.14	1.97	92%	G005049	5.51%	24.2	11.6													
									sphalerite in matrix.																														
									44.40 – 47.15m: Dolostone breccia with trace red and	MS		T					44.90	46.94	2.04	2.01	99%	G005050	2.90%	6.3	6.95	44.81	47.85	3.04	2.99	98%	2.72	91%	FR	MS	8	43	2	2	N
									yellow sphalerite in matrix.																														

PROPERTY: GOZ **HOLE:** GOZ-08-58

* R=Random

LITHOLOGY										ALT.	MINERALS					SAMPLES										Blocks			GEOTECHNICAL						JOINTS				
Struct.																			REC										REC		RQD								
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Silica	Sphalerite	Smithsonite	Hydrozincite	Galena	Pyrite	From (m)	To (m)	Interval (m)	(m)	Percent	Sample	Zn (ppm)	Pb (ppm)	Ag (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude*	Shape	Roughness	Infilling
BD	578								47.15 – 48.28m: Sandy banded dolomite with trace	I	T					46.94	48.28	1.34	1.33	99%	G005051	2.89%	5.1	5.08														
									sphalerite.																													
									48.28 – 49.18m: Matrix supported dolostone breccia	S	40%					48.28	49.18	0.90	0.90	100%	G005052	25.50%	13.3	87.1														
									with predominantly yellow sphalerite matrix.																													
									49.18 – 50.50m: Dolostone breccia, trace yellow	W	M																											
									sphalerite in matrix, increasing to strong sphalerite with							49.18	50.50	1.32	1.25	95%	G005053	13.85%	8.1	53.4	47.85	50.90	3.05	2.83	93%	2.52	89%	FR	S	9	32	3	3	N
									depth.																													
									50.50 – 51.73m: Matrix supported dolostone breccia	I	50%					50.50	51.73	1.23	1.23	100%	G005054	27.40%	10.9	119	50.90	53.95	3.05	2.93	96%	2.64	90%	FR	MS	8	35	3	2	N
									with predominantly yellow sphalerite matrix.																													
									51.73 – 52.45m: Dolostone breccia with weak yellow	I	W					51.73	52.45	0.72	0.72	100%	G005055	2.08%	2.4	3.52														
									sphalerite in matrix.																													
									52.45 – 53.38m: Matrix supported dolostone breccia	I	MS					52.45	53.38	0.93	0.73	78%	G005056	10.90%	5.3	16.4														
									with moderately strong yellow sphalerite in matrix.																													
									53.38 – 53.96m: Dolostone breccia with	40%	X					53.38	53.96	0.58	0.58	100%	G005057	19.70%	7.7	19.9	53.95	57.00	3.05	2.97	97%	2.59	87%	FR	MS	8	35	3	3	N
									sphalerite rich quartz matrix.							STD-SE2					G005058	1.36%	8780	355														
									53.96 – 56.18m: Dolostone breccia with red and yellow	I	S					53.96	56.18	2.22	1.18	53%	G005059	23.60%	17.7	26.1														
									sphalerite matrix.																													
									55.18 – 57.95m: Dolostone crackle breccia, trace	I	T					55.18	57.95	2.77	2.58	93%	G005060	7110	3.8	0.78														
									sphalerite.																													
									57.95 – 59.10m: Dolostone breccia with fair sphalerite	I	F					57.95	59.10	1.15	0.91	79%	G005061	5.05%	4.9	6.49	57.00	60.05	3.05	2.89	95%	2.45	85%	FR	S	12	28	3	3	N
									in matrix.																													
									59.10 – 60.48m: Chert breccia with red sphalerite and	60%	S					59.10	60.48	1.38	1.38	100%	G005062	10.85%	15.5	15.1														
									quartz matrix. Chert fragments angular. Mild rusrty																													
									colour to matrix.																													
VN	468								60.48 – 61.38m: Grey and black banded quartz with	30%	M					60.48	61.35	0.87	0.87	100%	G005063	8.28%	13.2	14.4	60.05	63.09	3.04	2.92	96%	2.39	82%	FR	S	16	34	3	3	N
									disseminated red sphalerite.																													
									61.38 – 63.09m: Dolostone breccia with fair yellow	I	F					61.38	63.09	1.71	1.61	94%	G005064	7.01%	7.8	9.62														
									sphalerite in matrix.																													
									63.09 – 64.56m: Dolostone breccia, intense yellow	I	I					63.09	64.56	1.47	1.47	100%	G005065	16.40%	13.6	22.7	63.09	66.14	3.05	2.76	90%	2.67	97%	FR	S	8	R	3	2	N
									sphalerite in matrix.																													
									63.12m: Large vug filled with well developed red																													
									sphalerite crystals.																													
									64.56 – 66.41m: Dolostone breccia with abundant	I	70%					64.56	66.41	1.85	1.29	70%	G005066	31.30%	15.4	117														
									yellow sphalerite in matrix.							BLANK					G005067	1310	1.6	0.24														
									66.41 – 67.17m: Dolostone breccia with yellow	I	X					66.41	67.17	0.76	0.76	100%	G005068	18.75%	22.5	78.1	66.14	69.19	3.05	3.05	100%	2.91	95%	FR	VS	10	30	3	3	N
									sphalerite in matrix.							DUPLICATE					G005069	20%	17.7	77.5														
VN	308								67.17 – 68.01m: Banded quartz breccia. Small	50%	I					67.17	68.01	0.84	0.84	100%	G005070	8.33%	18.7	31.6														
									sub-rounded quartz fragments in grey quartz and yellow																													
									sphalerite matrix. Matrix dominant (70%).																													
									68.01 – 69.23m: Quartz breccia with yellow sphalerite	40%	40%					68.01	69.23	1.22	1.22	100%	G005071	27.10%	47.2	84.3														
									matrix. Trace pyrite blebs.																													
									69.23 – 69.72m: Black and grey banded quartz with	50%	25%				T	69.23	69.72	0.49	0.49	100%	G005072	16%	20.2	33.6	69.19	72.24	3.05	2.82	92%	2.45	87%	FR	VS	16	R	4	3	N
									extreme yellow sphalerite.																													

PROPERTY: GOZ **HOLE:** GOZ-08-58

* R=Random

LITHOLOGY										ALT.	MINERALS					SAMPLES										Blocks			GEOTECHNICAL						JOINTS				
Struct.																			REC										REC		RQD								
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Silica		Sphalerite	Smithsonite	Hydrozincite	Galena	Pyrite	From (m)	To (m)	Interval (m)	(m)	Percent	Sample	Zn (ppm)	Pb (ppm)	Ag (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude*	Shape	Roughness	Infilling
									69.72 – 71.35m: Dolostone, trace orange sphalerite	I		I				T	69.72	71.35	1.63	1.61	99%	G005073	8800	14.1	1.8															
									in fractures, trace pyrite in stylolitic fractures.																																
	55	8							71.35 – 72.68m: Pisolitic quartz in red sphalerite matrix.	60%		30%				T	71.35	72.68	1.33	1.30	98%	G005074	18%	31.7	38.6															
									Welded clusters of uniform sized quartz spheresin								DUPLICATE					G005075	15.95%	32.5	31.3															
									sphalerite matrix.																																
	48	8							72.68 – 73.75m: Same as previous, but matrix	I		80%				T	72.68	73.75	1.07	1.07	100%	G005076	33.82%	86.8	60.7	72.24	75.29	3.05	3.05	100%	3.05	100%	FR	ES	15	R	4	3	N
									dominant, with vague banding and trace pyrite.																																
									73.75 – 76.19m: Same as previous but more quartz,	25%		70%			W	T	73.75	75.02	1.27	1.19	94%	G005077	34.83%	184	48.5	75.29	78.33	3.04	2.89	95%	2.13	74%	FR	ES	23	R	4	3	N
									and weak galena present.	25%		70%			W	T	75.02	76.19	1.17	1.17	100%	G005078	32.31%	130.5	25.6														
																	STD-SE2					G005079	1.52%	8350	>100												
		76.19	**93.80**	17.61	INT				**Intraformational Dolostone Breccia**																	78.33	81.38	3.05	2.93	96%	2.62	89%	FR	S	13	R	3	3	N
									Light grey dolostone breccia with white dolomite	T		T				T	76.19	77.25	1.06	1.06	100%	G005080	5140	8.7	0.67	81.38	84.43	3.05	2.85	93%	2.09	73%	FR	MS	22	50	5	4	N
									matrix. Clast/matrix boundaries have foggy appearance.	T		T				T	77.25	80.43	3.18	3.10	97%	G005081	1120	7.3	0.22	84.43	87.48	3.05	2.71	89%	1.73	64%	FR	MS	30	47	3	3	N
									Trace sphalerite in fractures, trace pyrte in stylolitic	T		T				T	80.43	82.40	1.97	1.95	99%	G005082	3930	17.5	0.28	87.48	90.53	3.05	2.77	91%	1.39	50%	FR	S	13	40	3	3	N
									fractures, broken and rubbley.	T		T				T	82.40	84.43	2.03	1.83	90%	G005083	1110	8.1	0.2	90.53	93.57	3.04	2.96	97%	2.06	70%	FR	MS	8	52	3	2	N
										T		T				T	84.43	86.43	2.00	1.55	78%	G005084	1015	9.2	0.15													
										T		T				T	86.43	88.43	2.00	1.82	91%	G005085	2210	5.8	0.14													
										T		T				T	88.43	90.43	2.00	1.73	87%	G005086	7370	13.1	0.65													
										T		T				T	90.43	92.43	2.00	1.93	97%	G005087	658	6.6	0.09													
										T		T				T	92.43	93.80	1.37	1.35	99%	G005088	5580	18.3	0.9													
		93.80	**98.90**	5.10	CLY				**Mineralized Dolostone Clay**																	93.57	96.62	3.05	2.95	97%	2.71	92%	FR	S	5	R	4	3	N
									Dark grey dolostone clay with abundant red																																
									sphalerite fragments and grains. Contact attitude																																
									obscure.																																
									disoloved carbonates, only resistive clays remain																																
									93.80 – 96-51m: Lithified clay. Sub-rounded	MS		30%					93.80	94.72	0.92	0.92	100%	G005089	24.90%	53.5	19.2														
									dolostone and red sphalerite clasts in well lithified	MS		30%					94.72	96.18	1.46	1.32	90%	G005090	17.15%	43.5	7.44														
									gouge matrix. Matrix composed of dolostone with red	MS		W					96.18	96.51	0.33	0.33	100%	G005091	1.70%	12.4	0.84														
									sphalerite grains. Trace chert clasts.																																
									96.51 – 98.90m: Clay. Grey pulverized	N		40%					96.51	97.57	1.06	1.02	96%	G005092	31.15%	43.2	29.5	96.62	99.67	3.05	2.56	84%	0.41	16%	FR	EW	>50				Go
									dolostone with abundant sand sized red sphalerite	N		50%					97.57	98.90	1.33	1.05	79%	G005093	22.80%	41.2	9.23														
									grains, with larger fragments of dolostone and																																
									sphalerite.																																
		98.90	**113.15**	14.25	INT				**Intraformational Dolostone Breccia**	T		T				T	98.90	100.90	2.00	2.00	100%	G005094	1.33%	4.3	1.55	99.67	102.72	3.05	2.30	75%	0.68	30%	FR	S	>50				Go
									Light grey dolostone breccia with white dolomite								BLANK					G005095	581	2.1	0.03	102.72	105.77	3.05	2.72	89%	1.04	38%	FR	VS	>50				Go
									matrix. Clast/matrix boundaries have foggy appearance.								STD-HZ2					G005096	7.41%	>1%	60	105.77	108.81	3.04	3.05	100%	1.50	49%	FR	S	>50				Go
									Trace sphalerite in fractures, trace pyrte in stylolitic	T		T				T	100.90	103.40	2.50	1.78	71%	G005097	5450	19.8	0.63	108.81	111.86	3.05	2.95	97%	0.67	23%	FR	MS	>50				Go
									fractures, broken and rubbley.	T		T				T	103.40	105.90	2.50	2.13	85%	G005098	3260	11.8	0.4	111.86	114.91	3.05	2.85	93%	1.51	53%	FR	MS	6	R	3	3	N
										T		T				T	105.90	107.94	2.04	1.90	93%	G005099	5410	4	0.97													
										T		W				T	107.94	108.49	0.55	0.55	100%	G005100	14.10%	49.3	35													
										T		T				T	108.49	110.49	2.00	1.84	92%	G005101	1100	3.3	0.19													
		113.15	**133.20**	20.05	MIC				**Micritic/Inclusion Dolostone**	T		T-N														114.91	117.96	3.05	2.94	96%	1.44	49%	FR	S	12	R	3	3	N
									Dolostone with micritic and inclusion textures.																	117.96	121.01	3.05	2.78	91%	1.20	43%	FR	S	18	R	2	2	N
									Sphalerite blebs very rare.																	121.01	124.05	3.04	3.05	100%	1.91	63%	FR	S	>50	55			Go
									Micritc dolostone: Mid-grey, featureless fine-grained																	124.05	127.10	3.05	3.02	99%	1.86	62%	FR	VS	7	50	2	3	N
									Inclusion dolostone: Sparry dolomite in abundant																	127.10	130.15	3.05	2.94	96%	2.42	82%	FR	S	8	R	3	4	N
									Micro-fractures, vugs with crystaline dolomite common.																	130.15	133.20	3.05	3.03	99%	2.47	82%	FR	S	9	R	4	3	N
		133.20							**End of Hole.**																															

GOZ PROJECT

PROPERTY: GOZ

HOLE: GOZ-08-59

Easting	Northing	Elev.	Depth (m)
619995	7147361	1414	105.77

Contractor: Top Rank
Drill: JKS-300

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	242	-60	compass	61.57	246.5	-60.8	Icefield
15.85	244.0	-61.7	Icefield	76.81	247.2	-60.5	Icefield
31.09	244.4	-61.3	Icefield	92.05	248.0	-60.2	Icefield
46.33	245.4	-61.0	Icefield	107.29	248.4	-59.6	Icefield

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

Drilling dates: June 30 to July 1, 2008

Logged by: M.Kammerer

Target: _____

SUMMARY				
From (m)	To (m)	Interval	Unit	Comments
0.00	19.66	19.66		Dolostone Breccia Overburden
19.66	68.10	48.44		Dolostone Breccia
68.10	72.08	3.98		Siliceous Dolostone Breccia
72.08	105.77	33.69		Dolostone Breccia
105.77				EOH

SAMPLES	
Numbers:	G005102 – G005115
Total:	14
Date sent:	July 5 and 13, 2008

COMMENTS

PROPERTY: GOZ **HOLE:** GOZ-08-59

* R=Random

LITHOLOGY										ALT.		MINERALS					SAMPLES									Blocks			GEOTECHNICAL						JOINTS					
Struct.																				REC										REC		ROD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Silica		Sphalerite	Smithsonite	Hydrozincite	Galena	Pyrite	From (m)	To (m)	Interval (m)	(m)	Percent	Sample	Zn (ppm)	Pb (ppm)	Ag (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude*	Shape	Roughness	Infilling	
		0.00	19.66	19.66	OVB				**Intraformational Dolostone Breccia Overburden**	T		T	M	T		T										0.00	5.18	5.18	2.27	74%	1.23	54%	HW	W	>50	R	4	3	Hz	
									Angular to sub-angular dark grey dolostone clasts in																5.18	8.23	3.05	2.89	95%	1.20	42%	HW	W	>50	R	3	2	Hz	
									dolomite/smithsonite matrix. Predominantly clast																8.23	11.28	3.05	2.34	77%	1.20	51%	HW	W	>50	R	4	3	Hz	
									supported, whispy banding common in clasts. Rubbly																11.28	14.33	3.05	2.70	89%	1.77	66%	HW	W	42	R	3	2	Hz	
									and very weathered with rusty and bleached sections.																14.33	17.37	3.04	2.52	83%	1.63	65%	HW	W	40	R	3	2	Hz	
									Strong zinc-zap reaction almost everywhere in matrix,																17.37	20.42	3.05	2.78	91%	2.19	79%	HW	MS	24	R	3	2	Hz	
									jointing, and microfractures. Trace weathered red																															
									sphalerite as joint infilling, hydrozincite on some																															
									fracture surfaces, trace pyrite in stylolitic fractures.																															
		19.66	68.10	48.44	INT				**Intraformational Dolostone Breccia**	T		TW	M	T	T											20.42	23.97	3.55	2.90	82%	2.74	94%	SW	MS	37	R	3	3	Hz	
									Angular to sub-rounded, dark to mid-grey dolostone																23.97	26.52	2.55	2.92	115%	2.83	97%	SW	MS	15	R	5	2	Hz	
									fragments in white, smithsonite enriched dolomite																26.52	29.57	3.05	2.97	97%	2.97	100%	SW	MS	10	R	3	2	N	
									martix. Predominantly clast supported. Trace to weak																29.57	32.61	3.04	3.03	100%	2.94	97%	SW	MS	11	R	4	2	N	
									red sphalerite joint infilling, trace galena, trace pyrite																32.61	35.66	3.05	2.94	96%	2.89	98%	SW	MS	6	R	3	2	N	
									in stylolitic fractures, hydrozincite coating on some																35.66	38.71	3.05	2.98	98%	2.39	80%	SW	MS	9	R	3	2	N	
									joint surfaces, trace quartz in blebs and vugs.																38.71	41.76	3.05	2.95	97%	2.81	95%	FR	MS	8	R	3	2	N	
									Strong zinc-zap reaction almost everywhere in matrix,																41.76	44.81	3.05	2.96	97%	2.77	94%	FR	MS	5	R	3	2	N	
									jointing, and microfractures.																44.81	47.85	3.04	2.93	96%	2.49	85%	FR	MS	13	57	5	4	N	
																									47.85	50.9	3.05	3.00	98%	2.77	92%	FR	MS	15	47	5	4	N	
									32.30 – 39.20m: Occasional red sphalerite blebs up																50.9	53.95	3.05	2.93	96%	2.63	90%	FR	MS	5	R	3	2	N	
									to 5cm diameter.																53.95	57.00	3.05	2.90	95%	2.70	93%	FR	MS	6	55	3	2	N	
									42.83m: Fracture filled with fine grained galena,						T										57.00	60.05	3.05	2.99	98%	2.99	100%	FR	MS	4	R	4	3	N	
									0.5 cm TW.																														
																									60.05	63.09	3.04	2.99	98%	2.90	97%	FR	MS	9	R	5	4	N	
									44.42m: Yellow to lime green residue on fracture																63.09	66.14	3.05	2.75	90%	2.28	83%	FR	MS	9	R	3	2	N	
									surface. Reaction to zinc-zap is below ambient for																															
									surrounding rock.																															
									44.42 – 45.41m: Small clast crackle breccia (coarse								58.10	60.10	2.00	1.95	98%	G005102	6360	7.8	0.4														
									sand to fine gravel sized), with calcite matrix. Vigorous								60.10	62.10	2.00	2.00	100%	G005103	5510	4	0.04														
									reaction to HCL								62.10	64.10	2.00	2.00	100%	G005104	977	1.9	0.02														
																	64.10	66.10	2.00	1.76	88%	G005105	3570	13.4	0.06														
									After 59.50m: Quartz blebs and veinlets become more								66.10	68.10	2.00	2.00	100%	G005106	4600	17.6	0.09														
									common.																														
C	45	68.10	72.08	3.98	SIL				**Siliceous Dolostone Breccia, Weakly Mineralized**	M-X		W	T			T										66.14	69.19	3.05	3.05	100%	2.93	96%	FR	MS	5	R	3	2		
									Moderately to extremely silicified dolostone breccia																69.19	72.24	3.05	2.93	96%	2.56	87%	FR	MS	2	R	3	2		
									with weak red and beige sphalerite mineralzation in								68.10	70.10	2.00	2.00	100%	G005107	3.03%	123	1.52														
									blebs and joint infilling.								70.10	72.08	1.98	1.95	98%	G005108	2.68%	83.3	0.66														
																	BLANK					G005109	15	1.7	0.03														
VT	58								68.26m: White quartz vein, 2cm TW																															
VN	70								70.77- 70.93m: White quartz vein, weak to moderate																															
									sphalerite, 12cm TW																															
FT	23								3.5cm TW of healed gouge at lower contact.																															
									slickensides running perpendicular to core axis.																															
C	23	72.08	105.77	33.69	INT				**Intraformational Dolostone Breccia**	T		T	T			T	72.08	74.10	2.02	1.99	99%	G005110	2860	18.1	0.1	72.24	75.29	3.05	2.88	94%	2.68	93%	FR	MS	3	R	3	2		

PROPERTY: GOZ **HOLE:** GOZ-08-59

* R=Random

Struct.		LITHOLOGY								ALT.		MINERALS					SAMPLES									Blocks			GEOTECHNICAL						JOINTS					
																				REC										REC		ROD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Silica		Sphalerite	Smithsonite	Hydrozincite	Galena	Pyrite	From (m)	To (m)	Interval (m)	(m)	Percent	Sample	Zn (ppm)	Pb (ppm)	Ag (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude*	Shape	Roughness	Infilling	
									Similar in character to upper unit, but no longer reacting								74.10	76.10	2.00	1.94	97%	G005111	2.06%	8.2	0.55	75.29	78.33	3.04	2.78	91%	2.58	93%	FR	MS	6	R	3	2		
									to zinc-zap.								76.10	78.10	2.00	1.78	89%	G005112	1.71%	43.1	0.35	78.33	81.38	3.05	2.55	84%	1.58	0.62	FR	MS	3	R	3	2		
																	STD-SE2					G005113	1.29%	8410	>100	81.38	84.43	3.05	2.97	97%	2.22	75%	FR	MS	12	R	4	3		
									74.83m: Cluster of red-beige sphalerite blebs.								78.10	80.10	2.00	1.95	98%	G005114	2570	9.5	0.08	84.43	87.48	3.05	2.95	97%	2.95	100%	FR	MS	8	R	3	3		
																	80.10	82.10	2.00	1.72	86%	G005115	561	2.4	0.04	87.48	90.53	3.05	3.05	100%	3.05	100%	FR	MS	4	R	3	3		
									76.68 – 77.00m: Cluster of small red-beige sphalerite																	90.53	93.57	3.04	3.05	100%	2.54	83%	FR	MS	2	R	3	2		
									blebs.																	93.57	96.62	3.05	2.99	98%	2.31	77%	FR	MS	7	R	4	3		
																										96.62	99.67	3.05	2.96	97%	2.57	87%	FR	MS	3	R	3	2		
									93.50m: Begins alternation between breccia and																	99.67	102.72	3.05	2.92	96%	2.49	85%	FR	MS	6	R	3	2		
									micritic dolostone textures																	102.72	105.77	3.05	2.97	97%	2.63	89%	FR	MS	4	R	3	2		
									100.70 – 101.23m: Abundant stylolitic fractures with																																	
									fine-grained pyrite.																																	
		105.77							**End of Hole.**																																

GOZ PROJECT

PROPERTY: GOZ

HOLE: GOZ-08-60

Easting	Northing	Elev.	Depth (m)
619959	7147444	1394	133.20

Contractor: Top Rank
Drill: JKS-300

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	242	-45	compass	70.71	241.1	42.2	Icefield
9.75	239.9	-44.5	Icefield	85.95	241.9	41.5	Icefield
24.99	239.8	-43.9	Icefield	101.19	242.9	40.8	Icefield
40.23	240.0	-43.5	Icefield	116.43	243.8	40.2	Icefield
55.47	240.4	-42.9	Icefield	131.67	244.5	39.6	Icefield

Core size: BTW
Casing depth: 5.18 (m) out

Drilling dates: July 1 to July 4, 2008

Logged by: M.Kammerer

Target: _____

SUMMARY				
From (m)	To (m)	Interval	Unit	Comments
0.00	26.13	26.13		Dolostone Breccia
26.13	32.54	6.41		Mineralized Siliceous Dolostone Breccia
32.54	46.48	13.94		Dolostone Breccia
46.48	49.44	2.96		Mineralized Sandy Dolostone
49.44	92.81	43.37		Dolostone Breccia
92.81	133.20	40.39		Inclusion Dolostone
133.20				EOH

SAMPLES

Numbers: G005116 – G005147

Total: 32
Date sent: July 13, 2008

COMMENTS

PROPERTY: GOZ **HOLE:** GOZ-08-60

* R=Random

Struct.		LITHOLOGY								ALT.		MINERALS					SAMPLES									Blocks			GEOTECHNICAL						JOINTS					
																			REC										REC		RQD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Silica		Sphalerite	Smithsonite	Hydrozincite	Galena	Pyrite	From (m)	To (m)	Interval (m)	(m)	Percent	Sample	Zn (ppm)	Pb (ppm)	Ag (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude*	Shape	Roughness	Infilling	
		0.00	26.13	26.13	INT				**Intraformational Dolostone Breccia**	T		T														0.00	5.18	5.18	0.40	8%	0.00	0%	HW	MS	>50	R	3	2	Do+N	
									Broken and rubbly to 9.78m.																	5.18	8.23	3.05	2.46	81%	0.78	26%	HW	MS	>50	R	4	3	Do+N	
									Dark grey angular to sub-angular dolostone clasts								16.43	18.43	2.00	1.91	96%	G005116	5440	8	1.52	8.23	11.28	3.05	2.04	67%	0.99	32%	HW	MS	>50	R	3	2	Do+N	
									in white to orange-white dolomite matrix. Very little								18.43	20.43	2.00	1.87	94%	G005117	2.04%	8.5	2.23	11.28	14.33	3.05	2.77	91%	1.73	57%	HW	MS	37	40	2	2	Do+N	
									zinc-zap reaction. Clast supported, with some whispy								20.43	22.43	2.00	1.99	100%	G005118	1.52%	36.4	0.51	14.33	17.37	3.04	2.99	98%	2.73	90%	HW	MS	14	40	2	2	Do+N	
									banded and speckled sections. Becomes increasingly								Duplicate					G005119	1.80%	8.9	0.88	17.37	20.42	3.05	3.01	99%	2.33	76%	HW	MS	9	50	3	2	N	
									more altered towards contact with lower unit.								22.43	24.13	1.70	1.28	75%	G005120	1.40%	3.8	0.97	20.42	23.47	3.05	2.79	91%	1.80	59%	HW	MS	19	45	3	2	N	
									Trace red sphalerite, trace quartz, increasing								24.13	26.13	2.00	1.98	99%	G005121	2.75%	9.3	0.49	23.47	26.52	3.05	3.01	99%	2.65	87%	HW	MS	11	40	3	2	N	
									towards lower contact. No hydrozincite observed.																																
VN	45	26.13	32.54	6.41	SIL				**Mineralized Siliceous Dolostone Breccia**																	26.52	29.57	3.05	2.70	89%	0.94	31%	HW	S	>50	45	4	4	N	
									Silica altered dolostone breccia alternating with																	29.57	32.61	3.04	2.93	96%	1.00	33%	HW	S	>50	R	5	4	N	
									white quartz veins. Moderate red sphalerite																																
									mineralization. Weathered looking, vuggy, some																																
									limonite staining, rubbly and broken.																																
									26.13 – 27.35m: Intensely silicified dolomite breccia	I		M					26.13	27.35	1.22	0.98	80%	G005122	15.20%	3260	20.3															
									with moderate red sphalerite. Sphalerite patchy, in																																
									blebs, joint infilling, and disseminated grains.																																
									27.35 – 29.43m: Predominantly white quartz (60%),	80		F			T		27.35	29.43	2.08	1.57	75%	G005123	12.45	1610	5.77															
									extremely silicified dolostone fragments. Weak to fair																																
									red sphalerite in blebs, trace galena.																																
									29.43 – 30.88m: Same as above with fair to moderate	80		M					29.43	30.88	1.45	1.45	100%	G005124	15.20%	1160	12.2															
									red sphalerite.																																
									30.88 – 32.54m: Same as above with weak red	80		W					30.88	32.54	1.66	1.5	91%	G005125	9.17%	482	2.31															
									sphalerite.								BLANK					G005126	478	6.6	0.04														
																	STD-SE2					G005127	1.30%	8190	>100													
VN	40	32.54	46.48	13.94	ALT				**Altered Dolostone**	W		W					32.54	34.44	1.90	1.90	100%	G005128	8140	13.9	0.8	32.61	35.66	3.05	2.97	97%	2.80	92%	HW	MS	12	35	3	3	N	
									Mainly speckled dolostone with abundant pale								34.44	36.44	2.00	1.85	93%	G005129	2.59%	15.6	0.4	35.66	38.71	3.05	2.91	95%	2.67	88%	MW	MS	10	R	3	3	N	
									yellow-orange discolouration, abundantly fractured								36.44	38.44	2.00	1.97	99%	G005130	2.77%	14.7	0.41	38.71	41.76	3.05	2.88	94%	2.52	83%	MW	MS	15	55	3	2	N	
									with discolouration intensifying in fractures and								38.44	40.44	2.00	1.87	94%	G005131	4.72%	20.2	7.82	41.76	44.81	3.05	2.80	92%	2.80	92%	MW	S	8	43	3	3	N	
									vugs. Quartz blebs common. Weak red sphalerite in								40.44	42.44	2.00	1.76	88%	G005132	2.14%	20.2	4.75	44.81	47.85	3.04	2.99	98%	2.79	92%	MW	S	13	55	3	3	N	
									blebs.								42.44	44.44	2.00	2.00	100%	G005133	7350	2.9	0.16															
																	44.44	46.48	2.04	2.00	98%	G005134	1.29%	4	0.58														
		46.48	49.44	2.96	DOL				**Mineralized Sandy Dolostone**																	47.85	50.90	3.05	3.05	100%	2.68	88%	MW	MS	16	R	5	3	N	
									Sandy bedded dolostone with weak to complete																																
									replacement by dark red sphalerite.																																
BD	50								46.48 – 48.24m: Sandy dolostone with disseminated	S		F					46.48	48.24	1.76	1.75	99%	G005135	4.91%	8.3	2.41															
									red sphalerite grains. Higher concentrations of																																
									sphalerite within coarser grained sandy dolostone																																
									beds. Overall fair sphalerite. Strongly silicified.																																
BD	45								48.24 – 48.74m: Dusty, altered looking sandstone with	T		F					48.24	48.74	0.50	0.50	100%	G005136	15.50%	14.7	8.39															
									fair disseminated red sphalerite, soft, weakly silicified.																																
BD	50								48.74 – 49.44m: Massive red sphalerite with vague	T		95+					48.74	49.44	0.70	0.70	100%	G005137	62.05%	42	45.1															
									remnant bedding. Grades from previous section.								BLANK					G005138	250	1.6	0.03															
		49.44	92.81	43.37	INT				**Intraformational Dolostone Breccia**	T		T														50.90	53.95	3.05	2.96	97%	0.92	30%	FR	MS	>50	R	5	3	N	
									Dark to medium grey dolostone clasts in white								49.44	51.44	2.00	2.00	100%	G005139	2.21	13.3	0.98	53.95	57.00	3.05	2.95	97%	2.11	69%	FR	MS	15	45	3	3	N	
									dolomite matrix. Occasional whispy banded and								51.44	53.44	2.00	1.98	99%	G005140	1460	6.9	0.15	57.00	60.05	3.05	2.63	86%	2.27	74%	FR	S	14	50	3	2	N	
									speckeled textures in clasts. Top 1.27m weathered								53.44	55.44	2.00	1.99	100%	G005141	8730	4.7	0.34	60.05	63.09	3.04	3.05	100%	2.59	85%	FR	MS	35	55	3	2	N	

PROPERTY: GOZ **HOLE:** GOZ-08-60

* R=Random

Struct.		LITHOLOGY								ALT.		MINERALS					SAMPLES										Blocks			GEOTECHNICAL						JOINTS					
																				REC										REC		RQD										
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Silica		Sphalerite	Smithsonite	Hydrozincite	Galena	Pyrite	From (m)	To (m)	Interval (m)	(m)	Percent	Sample	Zn (ppm)	Pb (ppm)	Ag (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude*	Shape	Roughness	Infilling			
									looking and vuggy. Trace sphalerite in blebs and joint								55.44	57.44	2.00	1.89	95%	G005142	9960	96.3	1.54	63.09	66.14	3.05	3.05	100%	1.82	60%	FR	MS	8	R	3	2	N			
									infilling, trace pyrite in stylolitic fractures, trace quartz								57.44	59.44	2.00	1.58	79%	G005143	3.04%	8.7	3.78	66.14	69.19	3.05	3.05	100%	1.95	64%	FR	MS	13	45	3	2	N			
									blebs.								59.44	61.44	2.00	1.85	93%	G005144	4%	32.5	3.82	69.19	72.14	2.95	2.95	100%	1.56	53%	FR	MS	>50	R	5	3	N			
																	61.44	63.44	2.00	2.00	100%	G005145	1.67%	9.8	1.15	72.24	75.29	3.05	2.99	98%	1.89	62%	FR	MS	25	40	3	3	N			
									59.50 – 63.30m: More frequent red sphalerite blebs,								STD-SE2					G005146	1.34%	8460	>100	75.29	78.33	3.04	2.98	98%	1.57	52%	FR	MS	>50	45	4	3	N			
									trace to weak, often with pyrite in margins.								63.44	65.44	2.00	1.92	96%	G005147	5730	69.4	0.78	78.33	81.38	3.05	2.97	97%	2.42	79%	FR	MS	20	40	3	2	N			
																	65.44	67.44	2.00	1.95	98%	G005148	3910	17.5	0.28	81.38	84.43	3.05	3.05	100%	1.71	56%	FR	MS	>50	33	3	2	N			
									87.62 – 91.70m: Healed fault gouge, no visible								67.44	69.44	2.00	2.00	100%	G005149	3740	15.5	0.19	84.43	87.48	3.05	2.99	98%	1.29	42%	FR	MS	28	55	3	2	N			
									mineralization.								69.44	71.44	2.00	2.00	100%	G005150	2370	9.2	0.41	87.48	90.53	3.05	2.74	90%	0.85	28%	FR	MS	>50	R	3	3	N			
																	71.44	73.44	2.00	1.69	85%	G005151	2.42%	19.6	0.94	90.53	93.57	3.04	3.02	99%	1.35	44%	FR	W	>50	50	4	3	N			
		92.81	133.20	40.39	INC				**Inclusion Dolostone**								73.44	75.44	2.00	1.86	93%	G005152	2.62%	9.3	0.91	93.57	96.62	3.05	3.02	99%	1.11	36%	FR	MS	>50	R	3	2	N			
									Dolostone with sparry dolomite, and vugs filled with								75.44	77.44	2.00	1.83	92%	G005153	745	1.1	0.04	96.62	99.67	3.05	2.90	95%	2.60	85%	FR	MS	8	R	3	3	N			
									crystaline dolomite. Some sections have vaguely								77.44	79.44	2.00	1.90	95%	G005154	1535	13.6	0.07	99.67	102.72	3.05	3.03	99%	2.61	86%	FR	MS	13	50	2	1	N			
									mottled pattern with sparry dolomite.								79.44	81.44	2.00	1.95	98%	G005155	263	33	0.16	102.72	105.77	3.05	2.99	98%	2.19	72%	FR	MS	11	R	2	1	N			
																	81.44	83.44	2.00	1.84	92%	G005156	231	13.1	0.1	105.77	108.81	3.04	2.94	97%	2.00	66%	FR	MS	10	R	5	3	N			
FT	0-10								100.22 – 104.60m: Slickensided fault running 0 to 10								83.44	85.44	2.00	2.00	100%	G005157	379	8.7	0.06	108.81	111.86	3.05	2.97	97%	2.13	70%	FR	MS	7	R	3	2	N			
									degrees TCA. Slickensides at 80 degress TCA (facing								85.44	87.62	2.18	1.60	73%	G005158	602	50.7	0.14	111.86	114.91	3.05	2.82	92%	2.13	70%	FR	MS	12	45	3	2	N			
									footwall). Grey-green polished, soapy feeling								87.62	89.70	2.08	2.05	99%	G005159	870	9	0.09	114.91	117.96	3.05	2.94	96%	1.54	50%	FR	MS	12	55	3	3	N			
									hardened gouge, 0.2 to 2.0cm thick. (talc?)								89.70	91.70	2.00	1.30	65%	G005160	905	24.6	0.1	117.96	121.01	3.05	2.73	90%	1.52	50%	FR	MS	6	R	3	3	N			
																	BLANK					G005161	29	1.4	0.02	121.01	124.05	3.04	3.05	100%	1.88	62%	FR	MS	>50	55	2	1	N			
FT	0-20								120.35 – 122.18m: Slickensided fault, similar								91.70	93.70	2.00	1.97	99%	G005162	2510	11.2	0.13	124.05	127.1	3.05	3.05	100%	2.07	68%	FR	MS	10	R	3	2	N			
									characteristics to above fault (at 100.22m), but with								93.70	95.70	2.00	1.87	94%	G005163	599	5.2	0.04	127.1	130.15	3.05	3.01	99%	2.49	82%	FR	MS	8	R	3	2	N			
									slickensides running nearly paralell to core axis.																	130.15	133.2	3.05	3.04	100%	2.36	77%	FR	MS	15	50	3	2	N			
		133.20							**End of Hole.**																																		

GOZ PROJECT

PROPERTY: GOZ

HOLE: GOZ-08-61

Easting	Northing	Elev.	Depth (m)
619866	7147390	1415	124.05

Contractor: Top Rank
Drill: JKS-300

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	242	-60	compass	76.81	70.3	-60.5	Icefield
15.85	59.1	-61.7	Icefield	92.05	71.5	-60.2	Icefield
31.09	67.8	-61.3	Icefield	107.29	72.6	-59.6	Icefield
46.33	68.8	-61.0	Icefield	122.53	73.9	-59.6	Icefield
61.57	69.3	-60.8	Icefield				

Core size: BTW
Casing depth: 15.24 (m) out

Drilling dates: July 4 to 8, 2008

Logged by: M.Kammerer

Target: _____

SUMMARY				
From (m)	To (m)	Interval	Unit	Comments
0.00	15.64	15.64		Overburden
15.64	21.89	6.25		Altered Dolostone
21.89	41.34	19.45		Mineralized Siliceous Dolostone Breccia
41.34	49.04	7.70		Mineralized White Quartz Vein Breccia
49.04	70.20	21.16		Altered Dolostone
70.20	70.79	0.59		White Quartz Vein
70.79	71.24	0.45		Mineralized Siliceous Dolostone Breccia
71.24	78.14	6.90		Altered Dolostone
78.14	124.05	45.91		Inclusion Dolostone
124.05				EOH

SAMPLES	
Numbers:	G005164 – G005221
Total:	58
Date sent:	July 13, 2008

COMMENTS

PROPERTY: GOZ **HOLE:** GOZ-08-61

* R=Random

Struct.		LITHOLOGY								ALT.		MINERALS					SAMPLES										Blocks			GEOTECHNICAL						JOINTS					
																			REC											REC		RQD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Silica		Sphalerite	Smithsonite	Hydrozincite	Galena	Pyrite	From (m)	To (m)	Interval (m)	(m)	Percent	Sample	Zn (ppm)	Pb (ppm)	Ag (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude*	Shape	Roughness	Infilling			
		0.00	15.64	15.64	OVB				**Overburden**																	0.00	5.18	5.18	0.55	11%	0.00	0%	EW	MS	>50	R	2	2	Li		
									Gravel sized pieces only. Very poor recovery. Cased																	5.18	8.23	3.05	0.58	19%	0.00	0%	EW	MS	>50	R	2	2	Li		
									hole to 15.24m.																	8.23	11.28	3.05	1.31	43%	0.00	0%	EW	W	>50	R	2	3	Li		
																										11.28	14.33	3.05	1.29	42%	0.00	0%	EW	W	>50	R	2	3	Li		
																										14.33	17.37	3.04	2.99	98%	0.54	18%	EW	MS	>50	45	3	3	Li		
		15.64	21.89	6.25	ALT				**Altered Dolostone**	w			t				15.64	16.62	0.98	0.75	77%	G005164	1540	2.9	0.1	17.37	20.42	3.05	2.39	78%	0.67	22%	EW	VW	>50	R	2	3	Li		
									Strongly discoloured dolostone, bleached, cream-beige								16.62	18.62	2.00	1.22	61%	G005165	4370	4.3	0.16	20.42	23.47	3.05	2.00	66%	0.76	25%	HW	W	>50	R	3	5	Li		
									colour with limonite staining in fractures.								18.62	20.62	2.00	1.25	63%	G005166	2540	9.8	0.57																
									Mild zinc-zap reaction throughout.								20.62	21.89	1.27	1.02	80%	G005167	1.43%	67.4	3.21																
									20.62 – 21.89m: Healed gouge, rusty, very altered, very																																
									porous, mild zinc-zap reaction, strongly silicified.																																
		21.89	41.34	19.45	SIL				**Mineralized Siliceous Dolostone Breccia – Altered**																																		
									Intensely silicified dolostone frequently interrupted by																																
									white quartz veins. Red and yellow sphalerite																																
									mineralization locally abundant, though some sections																																
									are barren. Strongly altered: deep limonite staining																																
									common, abundant leached cavities and boxwork,																																
									pervasive smithsonite enrichment - strong zinc-zap																																
									reaction throughout unit, including in crystaline																																
									sphalerite and in visually barren quartz.																																
																	21.89	23.59	1.70	0.60	35%	G005168	6520	124	1.91	23.47	26.52	3.05	2.00	66%	0.52	17%	HW	MS	>50	R	3	3	Li		
VT	43								21.89 – 27.54m: Altered siliceous dolostone, weak red	x		w	w				STD-HZ2					G005169	6.93%	>1%	62.6															
									sphalerite, very rubbley, leached cavities in speckled								23.59	25.54	1.95	1.20	62%	G005170	1.08%	127.5	3.93															
									pattern.								25.54	27.54	2.00	1.40	70%	G005171	5.24%	113	7.95	26.52	29.57	3.05	2.47	81%	1.24	41%	HW	MS	>50	R	2	3	Li		
																	BLANK					G005172	107	3.6	0.07															
									27.54 – 28.74m: Same as previous but with moderate	x		m	w				27.54	28.74	1.20	0.84	70%	G005173	14.45%	292	20.9															
									sphalerite.																																
VN	90								28.74 – 29.88m: Breccia: siliceous dolostone	x		55	w-m				28.74	29.88	1.14	1.05	92%	G005174	30.52	3020	44	29.57	32.61	3.04	2.71	89%	1.24	41%	HW	S	39	R	2	3	Li		
									fragments in a white quartz matrix with abundant																																
									red-beige sphalerite blebs.																																
									29.88 – 31.38m: Extremely silicified dolostone:	x		m	w-m				29.88	31.38	1.50	1.30	87%	G005175	7.42%	3170	4.51															
									chert-like appearance, moderate sphalerite as red																																
									speckles and yellow blebs.																																
									31.38 – 33.10m: Mixed white quartz veins and siliceous	x		w	w-m				31.38	33.10	1.72	1.07	62%	G005176	5.46%	3310	9.73	32.61	35.66	3.05	2.41	79%	1.17	38%	HW	W	>50	R	5	3	Li		
									dolostone, weak sphalerite. Very weathered and																																
									rubbley.																																
									33.10 – 33.30m: Sub-rounded clasts of red sphalerite	50		45	w-m				33.10	34.20	1.10	0.71	65%	G005177	28.3	357	34.5															
									in matrix of white quartz. Clasts are variably weathered								DUPLICATE					G005178	22%	252	20.2															
									showing rings of colour gradation.																																
									33.30 – 34.20m: Siliceous dolostone with deep limonite	x		45	w-m																												
									staining and abundant speckled red sphalerite.																																
									Some sphalerite has been leached away leaving																																
									speckled cavities.																																
									34.20 – 35.38m: Siliceous dolostone with limonite	x		30	w-m				34.20	35.38	1.18	0.78	66%	G005179	15.55%	271	6.83	35.66	38.71	3.05	3.05	100%	2.58	85%	MW	MS	14	R	2	3	Li		
									staining, abundant red sphalerite as speckles.																																
									35.38 – 37.01m: Large blebs of yellow sphalerite	x		25	w-m				35.38	37.01	1.63	1.59	98%	G005180	19.70%	865	4.66															

PROPERTY: GOZ **HOLE:** GOZ-08-61

* R=Random

Struct.		LITHOLOGY								ALT.		MINERALS					SAMPLES									Blocks			GEOTECHNICAL						JOINTS				
																			REC										REC		RQD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Silica		Sphalerite	Smithsonite	Hydrozincite	Galena	Pyrite	From (m)	To (m)	Interval (m)	(m)	Percent	Sample	Zn (ppm)	Pb (ppm)	Ag (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude*	Shape	Roughness	Infilling
									alternating with lower grade sections of siliceous																														
									dolostone.																														
									37.01 – 38.03m: Abundant yellow sphalerite. Looks	x		80	w-m				37.01	38.03	1.02	1.02	100%	G005181	43.20%	447	7.06														
									discoloured, pale, locally greenish, reacts strongly to																														
									zinc-zap.																														
BD	58								38.03 – 41.34m: Banded siliceous dolostone with	x		15	w-m				38.03	39.47	1.44	1.44	100%	G005182	9.23%	996	2.71	38.71	41.76	3.05	2.87	94%	2.72	89%	MW	S	9	R	2	3	He
									moderate to strong sphalerite as very fine speckling								39.47	40.48	1.01	0.95	94%	G005183	10.85%	331	0.38														
									within beds. Beds selectively discoloured yellow								40.48	41.34	0.86	0.80	93%	G005184	14.40%	62.2	30.8														
									(altered colouration of dolostone, rather than additive																														
									as with speckling). Some red sphalerite blebs running								BLANK					G005185	778	4.1	0.08														
									contrary to bedding. Fine-grained fossil detritus																														
									last 0.20m.																														
		41.34	49.04	7.70	QV				**Mineralized White Quartz Vein Breccia**																														
									41.34 – 46.60m: Angular dolostone fragments in white	70		w	w-m				41.34	43.40	2.06	2.00	97%	G005186	5.05%	51.4	0.71	41.76	44.81	3.05	2.75	90%	1.07	35%	MW	S	35	R	2	3	He
									quartz matrix, matrix dominant, weak red sphalerite.								43.40	45.45	2.05	1.95	95%	G005187	3.38%	59.4	1.38	44.81	47.85	3.04	2.72	89%	2.03	67%	SW	S	16	R	5	3	He
																	45.45	46.60	1.15	1.14	99%	G005188	3.14%	60.6	3.07														
									46.60 – 48.58m: Intense red sphalerite in bands, blebs,	40		25	w-m				46.60	48.58	1.98	1.98	100%	G005189	25.20%	1705	35.6	47.85	50.90	3.05	2.63	86%	1.55	51%	SW	S	30	R	5	3	He
									and within dolostone fragments.																														
									48.58 – 49.04m: Very altered quartz breccia. Angular	50		m	w-m				48.58	49.04	0.46	0.61	133%	G005190	18.20%	2290	10.4														
									white quartz fragments fused, but with vacant matrix.								BLANK					G005191	916	11.1	0.09														
									Moderate red sphalerite.																														
		49.04	70.20	21.16	ALT				**Altered Dolostone**	i		t-w	w-m				49.04	51.04	2.00	1.5	75%	G005192	8.94%	82.9	1.2	50.90	53.95	3.05	2.91	95%	2.55	84%	MW	S	5	R	2	3	Sm
									Strongly discoloured dolostone, sections of breccia,								STD-SE2					G005193	1.30%	8290	>100														
									crackle breccia, with speckled, banded and micritic								51.04	53.04	2.00	1.77	89%	G005194	5.10%	45	4.21														
									dolostone textures present, although obscured by								53.04	55.04	2.00	2.00	100%	G005195	1.24	11.5	1.23	53.95	57.00	3.05	3.00	98%	2.86	94%	MW	MS	9	R	2	3	Sm
									alteration. Pale, creamy-orange discolouration affecting								55.04	57.04	2.00	1.95	98%	G005196	6060	8.9	0.14														
									body of rock inconsistently, and affecting micro-fractures								57.04	59.04	2.00	1.69	85%	G005197	3800	3.2	0.05	57.00	60.05	3.05	2.76	90%	2.32	76%	MW	MS	9	R	2	3	Sm
									and breccia matrices pervasively. Silicification								59.04	61.04	2.00	2.00	100%	G005198	5520	62	0.4	60.05	63.09	3.04	2.89	95%	2.22	73%	MW	MS	30	30	2	3	Sm
									variable: intense in upper 4m, becoming moderate								61.04	63.04	2.00	1.80	90%	G005199	599	5.7	0.1														
									below. Very strong reaction to zinc-zap throughout,								63.04	65.04	2.00	1.90	95%	G005200	478	9.8	0.27	63.09	66.14	3.05	2.94	96%	0.38	12%	MW	MS	>50	R	2	3	Sm
									particularly strong in micro-fractures.								65.04	67.04	2.00	1.68	84%	G005201	2570	4.1	0.31														
																	67.04	69.04	2.00	2.00	100%	G005202	6390	7.1	0.7	66.14	69.19	3.05	2.90	95%	1.42	47%	MW	MS	20	R	2	3	Sm
BD	45								49.04 – 53.30m: Strongly altered with variable intense								69.04	70.20	1.16	0.96	83%	G005203	2950	4	0.19	69.19	72.24	3.05	2.98	98%	2.12	70%	HW	MS	26	R	2	3	Sm
									silicification, some banding present, 45°																														
BD	52								61.00m: Banding, 52°																														
									60.10 – 70.20m: Alteration becomes pervasive, network																														
									of microfractures becomes very dense, very strong																														
									zinc-zap reaction.																														
VN	55	70.20	70.79	0.59	QV				**White Quartz Vein**	90		w	w-m				70.20	71.24	1.04	1.04	100%	G005204	10%	47.9	7.23														
									White quartz with wall-rock inclusions and weak																														
									red sphalerite in margins only. Moderate zinc-zap																														
									reaction in small voids in visually barren quartz.																														
		70.79	71.24	0.45	SIL				**Mineralzed Siliceous Dolostone Crackle Breccia**	x		s	w-m																												

PROPERTY: GOZ **HOLE:** GOZ-08-61

* R=Random

Struct.		LITHOLOGY								ALT.		MINERALS					SAMPLES										Blocks			GEOTECHNICAL						JOINTS				
																			REC											REC		RQD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Silica		Sphalerite	Smithsonite	Hydrozincite	Galena	Pyrite	From (m)	To (m)	Interval (m)	(m)	Percent	Sample	Zn (ppm)	Pb (ppm)	Ag (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude*	Shape	Roughness	Infilling
									Mid to dark grey angular dolostone fragments in grey																																
									quartz and red sphalerite matrix. Strong zinc-zap																																	
									reaction in micro-fractures.																																	
		71.24	78.14	6.90	ALT				**Altered Dolostone**	s			w-m			w	71.24	73.24	2.00	1.86	93%	G005205	6690	13.7	0.5	72.24	75.29	3.05	2.51	82%	1.48	49%	EW	MS	>50	R	2	3	N
									Continuation of previous altered dolostone unit.								73.24	75.24	2.00	1.57	79%	G005206	6880	13.7	0.15															
									Occasional stylolitic fractures filled with pyrite.								75.24	77.14	1.90	1.76	93%	G005207	4800	11.3	0.22	75.29	78.33	3.04	2.99	98%	1.59	52%	MW	MS	30	R	2	3	N
																	77.14	78.14	1.00	1.00	100%	G005208	688	3.1	0.04														
									71.24 – 73.18m: Fault. Extremely dense network of	m		t	w-m				DUPLICATE					G005209	1100	2.9	0.05														
									microfractures grading into healed gouge with 5 to																																
									10 cm of active gouge at approximately 73.70m. Trace																																
									of weathered red sphalerite.																																
									77.19 – 78.14m: Darker coloured section showing only	f			t																												
									minor alteration in micro-fractures and vugs.																																
		78.14	124.05	45.91	INC				**Inclusion Dolostone**								78.14	80.14	2.00	2.00	100%	G005210	6150	21.4	0.19	78.33	81.38	3.05	2.94	96%	2.34	77%	MW	MS	12	R	2	3	N
									Micritic dolostone with sparry dolomite in microfractures								80.14	82.14	2.00	1.94	97%	G005211	3730	9	0.14	81.38	84.43	3.05	2.97	97%	2.65	87%	MW	MS	8	R	2	4	N
									and vugs. Crystaline quartz also common in vugs.								82.14	84.14	2.00	1.89	95%	G005212	6710	9.4	0.43															
									Very rare trace red sphalerite blebs.								84.14	86.14	2.00	2.00	100%	G005213	1040	5.1	0.05	84.43	87.48	3.05	3.05	100%	1.37	45%	MW	MS	20	R	2	4	N
																	STD-SE2					G005214	1.31%	8140	>100														
									78.14 – 98.00m: Moderate alteration discolouring	w-f		<t	w-m				86.14	88.14	2.00	2.00	100%	G005215	874	9.1	0.17	87.48	90.53	3.05	3.01	99%	2.02	66%	SW	MS	17	R	2	5	N
									grading very gradually to unaltered inclusion dolostone.								88.14	90.14	2.00	1.96	98%	G005216	823	3.8	0.06															
									Zinc-zap reaction declines in direct proportion to								90.14	92.14	2.00	1.99	100%	G005217	1180	1.9	0.02	90.53	93.57	3.04	3.05	100%	2.33	77%	SW	MS	18	35	2	3	N
									discolouration.								92.14	94.14	2.00	1.94	97%	G005218	787	2.3	0.02															
																	94.14	96.14	2.00	2.00	100%	G005219	221	2.4	0.02	93.57	96.62	3.05	2.47	81%	1.77	58%	SW	MS	16	35	2	3	N
									98.00 – 124.05m: Unaltered inclusion dolostone. Little	w-f		<t	w-n				96.14	98.14	2.00	2.00	100%	G005220	212	6.6	0.02	96.62	99.67	3.05	2.54	83%	0.79	26%	SW	MS	>50	R	2	3	N
									or no zinc-zap reaction.								98.14	100.14	2.00	2.00	100%	G005221	144	7	0.04	99.67	102.72	3.05	2.79	91%	1.58	52%	FR	MS	26	R	2	3	N
																										102.72	105.77	3.05	2.46	81%	1.96	64%	FR	MS	15	R	3	5	N
																										105.77	108.81	3.04	2.58	85%	1.50	49%	FR	MS	>50	R	2	3	N
		124.05							**End of Hole.**																	108.81	111.86	3.05	2.88	94%	2.15	70%	FR	MS	19	R	2	3	N
																										111.86	114.91	3.05	2.58	85%	1.79	59%	FR	MS	20	R	2	3	N
																										114.91	117.96	3.05	2.88	94%	1.55	51%	FR	MS	30	R	2	3	N
																										117.96	121.01	3.05	2.76	90%	1.17	38%	FR	MS	32	R	5	3	N
																										121.01	124.05	3.04	2.77	91%	1.67	55%	FR	MS	30	35	2	3	N

GOZ PROJECT

PROPERTY: GOZ

HOLE: GOZ-08-62

Easting	Northing	Elev.	Depth (m)
619910	7147311	1433	117.96

Contractor: Top Rank
Drill: JKS-300

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	62	-60	compass	70.71	63.1	-62.5	Icefield
9.75	64.7	-62.4	Icefield	85.95	63.7	-62.5	Icefield
24.99	65.3	-62.4	Icefield	101.19	64.9	-62.3	Icefield
40.23	64.7	-62.2	Icefield	116.43	66.8	-62.3	Icefield
55.47	63.8	-62.4	Icefield				

Core size: BTW
Casing depth: 5.18 (m) out

Drilling dates: July 8 to 10, 2008

Logged by: M.Kammerer

Target: _____

SUMMARY				
From (m)	To (m)	Interval	Unit	Comments
0.00	29.80	29.80		Overburden
29.80	61.11	31.31		Intraformational Dolostone Breccia
61.11	62.10	0.99		Mineralized Siliceous Dolostone Breccia
62.10	77.68	15.58		Intraformational Dolostone Breccia
77.68	93.03	15.35		Siliceous Dolostone Breccia, Weakly Mineraliz
93.03	98.78	5.75		Mineralized Siliceous Dolostone Breccia
98.78	117.96	19.18		Intraformational Dolostone Breccia
117.96				EOH

SAMPLES	
Numbers:	G005222 – G005262
Total:	41
Date sent:	July 13, 2008

COMMENTS

PROPERTY: GOZ **HOLE:** GOZ-08-62

* R=Random

LITHOLOGY										ALT.		MINERALS					SAMPLES									Blocks			GEOTECHNICAL						JOINTS				
Struct.																			REC										REC		ROD								
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Silica		Sphalerite	Smithsonite	Hydrozincite	Galena	Pyrite	From (m)	To (m)	Interval (m)	(m)	Percent	Sample	Zn (ppm)	Pb (ppm)	Ag (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude*	Shape	Roughness	Infilling
		0.00	29.80	29.80	OVB				**Overburden**																	0.00	5.18	5.18	1.20	23%	0.00	0%	HW	MS	>50	R	2	1	Li
									Loose, broken rock.																	5.18	8.23	3.05	1.71	56%	0.18	6%	HW	MS	>50	R	2	1	Li
																										8.23	11.28	3.05	2.35	77%	0.27	9%	MW	MS	>50	R	2	2	Li
																										11.28	14.33	3.05	2.18	71%	0.53	17%	MW	MS	>50	R	2	3	Li
		29.80	61.11	31.31	INT				**Intraformational Dolostone Breccia**																	14.33	17.37	3.04	2.44	80%	0.14	5%	HW	MS	>50	R	2	2	Li
									Dark grey dolostone clasts in grey to white dolomitic																	17.37	20.42	3.05	2.09	69%	0.17	6%	HW	EW	>50	R	2	3	Li
									matrix. Crackle texture common. Matrices discoloured																	20.42	23.47	3.05	2.39	78%	0.25	8%	HW	MS	>50	R	2	3	Li
									by alteration intermittently. White quartz locally common																	23.47	26.52	3.05	1.92	63%	0.10	3%	HW	MS	>50	R	2	2	Li
									in small blebs enveloped by orange stained dolomite.																	26.52	29.57	3.05	2.73	90%	0.24	8%	EW	EW	>50	R	2	3	Li
									Mild limonite staining on fracture surfaces, trace																	29.57	32.61	3.04	2.00	66%	1.19	39%	HW	EW	>50	R	2	3	Li
									rusted pyrite in stylolitic fractures. Little or no zinc-zap																	32.61	35.66	3.05	2.70	89%	0.71	23%	MW	MS	>50	R	2	3	N
									reaction.																	35.66	38.71	3.05	2.81	92%	1.60	52%	MW	MS	35	R	3	3	N
																										38.71	41.76	3.05	2.93	96%	1.06	35%	MW	W	>50	R	2	3	N
									45.73 – 53.90m: Trace red sphalerite in matrix.																	41.76	44.81	3.05	2.49	82%	1.27	42%	MW	MS	>50	R	3	3	N
																										44.81	47.85	3.04	2.93	96%	2.34	77%	SW	MS	16	R	4	3	N
									55.76 – 57.68m: Weak red sphalerite in clustered blebs								53.70	55.76	2.06			G005222	446	3.3	0.03	47.85	50.90	3.05	2.83	93%	0.77	25%	SW	MS	>50	R	2	2	N
									within white quartz veinlets and breccia matrix.								55.76	57.76	2.00			G005223	6.74%	6.2	1.22	50.90	53.95	3.05	2.75	90%	1.41	46%	SW	MS	>50	R	2	2	N
																	STD-HZ2					G005224	7.37%	>1%	59.1	53.95	57.00	3.05	2.88	94%	2.60	85%	SW	MS	18	35	2	3	N
									59.76 – 61.11m: Moderate alteration: yellow	w		t				t	57.76	59.76	2.00			G005225	6600	27.8	0.26	57.00	60.05	3.05	2.81	92%	1.87	61%	SW	MS	27	60	2	2	N
									discolouration forming halos around micro-fractures.								59.76	61.11	1.35			G005226	1.26%	26	0.64													
									Trace rusted pyrite in stylolitic fractures. Mild to																														
									moderate zinc-zap reaction. Becomes siliceous in																														
									bottom 10cm.																														
		61.11	62.10	0.99	SIL				**Mineralized Siliceous Dolostone Breccia**	x		40			t		61.11	62.10	0.99			G005227	19.60%	>1%	9.61	60.05	63.09	3.04	2.88	95%	2.79	92%	FR	MS	12	R	2	3	N
									Intensely silicified angular dolostone fragments in																														
									white quartz and blebby sphalerite matrix. Sphalerite																														
									is pale yellow-green with some red specks. Trace																														
									galena. Vague, mottled banding in upper section.																														
									Contact attitude unclear.																														
		62.10	77.68	15.58	INT				**Intraformational Dolostone Breccia**	w		t					62.10	64.16	2.06			G005228	1.62%	109	0.13	63.09	66.14	3.05	2.93	96%	2.87	94%	FR	MS	9	35	2	2	N
									Continuation of previous Intraformation Dolostone								64.16	66.16	2.00			G005229	5660	89	0.06	66.14	69.18	3.04	2.96	97%	2.00	66%	FR	MS	20	R	2	3	N
									Breccia.								66.16	67.33	1.17			G005230	7260	40	0.36														
									Moderate alteration to 64.16m. Mild to moderate																														
									zinc-zap reaction in areas of discolouration. Fractures																														
									commonly encrusted with pale grey-green opaque																														
									mineral, non-reactive with HCL or zinc-zap.																														
									67.33 – 67.96m: White quartz vein with wall rock	x		s					67.33	67.96	0.63			G005231	17.20%	2050	1.68	69.18	72.24	3.06	2.92	95%	2.02	66%	FR	MS	14	R	2	3	N
									inclusions and blebby yellow sphalerite. Contact								Duplicate of 231					G005232	17.65%	1265	1.6													
									attitude unclear.								67.96	69.96	2.00			G005233	3170	29.1	0.04													
																	69.96	71.96	2.00			G005234	3740	10.9	0.02													
									72.24 – 72.75m: Small-clast brackle breccia with	w			w				71.96	73.96	2.00			G005235	1.22%	9.5	0.08	72.24	75.29	3.05	2.91	95%	2.26	74%	FR	MS	15	R	2	3	N
									strong yellow discolouration. Moderate zinc-zap reaction								73.96	75.96	2.00			G005236	7030	8.6	0.09													
																	75.96	77.68	1.72			G005237	2.54%	86.3	0.38	75.29	78.33	3.04	2.96	97%	2.42	80%	FR	MS	16	R	2	3	N
		77.68	93.03	15.35	SIL				**Siliceous Dolostone Breccia, Weakly Mineralized**	m-i		f																												
									Moderate to intensely silicified dolostone with patchy,																														
									locally abundant sphalerite separated by long barren or																														
									low-grade intervals. Contact attitude unclear.																														
									77.68 – 84.00m: Patchy red and yellow sphalerite in	i		f					77.68	79.49	1.81			G005238	16.55%	2280	9.21	78.33	81.38	3.05	2.84	93%	2.17	71%	FR	MS	18	R	2	3	N
									quartz veinlets and breccia matrices.								79.49	81.38	1.89			G005239	13.45%	487	3.56													
																	STD-SE2					G005240	1.30%	8400	>100													
									84.00 – 87.05m: Weak sphalerite, moderate								81.38	83.00	1.62			G005241	15.75%	746	3.59	81.38	84.43	3.05	2.87	94%	1.91	63%	FR	MS	18	R	2	3	N

PROPERTY: GOZ **HOLE:** GOZ-08-62

* R=Random

Struct.		LITHOLOGY								ALT.		MINERALS					SAMPLES									Blocks			GEOTECHNICAL						JOINTS				
																			REC										REC		ROD								
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Silica		Sphalerite	Smithsonite	Hydrozincite	Galena	Pyrite	From (m)	To (m)	Interval (m)	(m)	Percent	Sample	Zn (ppm)	Pb (ppm)	Ag (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude*	Shape	Roughness	Infilling
									silicification.								83.00	84.00	1.00			G005242	10.45%	870	3.19														
																	84.00	85.50	1.50			G005243	4.39%	231	1.36	84.43	87.48	3.05	2.78	91%	1.54	50%	FR	MS	25	R	2	2	N
Fx	36								85.04m: Fracture coating: bright, lime green mineral,	m		w					85.50	87.05	1.55			G005244	6000	7.7	0.06														
									strongly reactive with zinc-zap in microfractures only.																																
VN	73								87.05 – 87.51m: White quartz vein with red sphalerite	65		35					87.05	88.07	1.02			G005245	22.80%	847	20.9	87.48	90.53	3.05	3.00	98%	2.63	86%	FR	MS	12	R	2	3	N
									in large blebs and in margins of vein. Sphalerite has								BLANK					G005246	354	3.2	0.15														
									gradational colour halo, light red to dark red.																																
									87.51 – 88.07m: Red sphalerite in breccia matrix.	i		m-s																													
									88.07 – 89.65m: Little or no spahlerite visible.	m		n					88.07	89.65	1.58			G005247	5210	7.7	0.12														
									89.65 – 93.03m: Trace to weak yellow sphalerite,	i		t-w					89.65	91.65	2.00			G005248	4.18%	102	1.48	90.53	93.57	3.04	2.94	97%	2.44	80%	FR	MS	12	45	2	2	N
									intense silica.																																
									91.58 – 92.52m: Pisolitic quartz in siliceous dolostone.	x		t					91.65	93.03	1.38			G005249	2.24%	5.5	0.6														
C	61	93.03	98.78	5.75	SIL				**Mineralized Siliceous Dolostone Breccia**	x		25																													
									Extremely silica altered dolostone with abundant red																																
									and yellow sphalerite. Sharp contact with units																																
									above and below. Complex appearance with variable																																
									textures: banded, brecciated, and pisolitic.																																
BN	59								93.05 – 95.01m: Grey, sub-angular cherty fragments,	x		25					93.03	94.03	1.00			G005250	10.55%	16.1	2.81	93.57	96.62	3.05	2.69	88%	2.03	67%	FR	MS	18	R	2	2	N
									white quartz veinlets and pisoliths supported in matrix								94.03	95.01	0.98			G005251	10.65%	13.6	5.86													
									of banded, dark grey to black fine grained quartz.								BLANK					G005252	234	2.1	0.17													
									Varying spahlerite content, overall 25%.																																
BN	62-89								94.58 – 94.70m: Sharp banding, 62 – 89 degrees.																																
FT	40								95.01 – 96.02m: Rusty brown quartz crackle breccia	x		s					95.01	96.02	1.01			G005253	20.20%	27.5	7.75													
									with white quartz blebs and strong pale yellow																																
									sphalerite. Very dense fracture network with some																																
									matrix voids. Sharp 40 degree contact with lower unit																																
									with 2cm of healed gouge.																																
C	40								96.02 – 97.82m: Breccia with grey quartz and yellow								96.02	96.55	0.53			G005254	32.74%	10.7	15.8	96.62	99.67	3.05	2.61	86%	1.37	45%	FR	MS	32	40	2	3	N
									sphalerite matrix. Yellow sphalerite blebs have red								96.55	97.82	1.27			G005255	15.15%	13	10.3													
									margins.																																
									96.02 – 96.55m: 60% sphalerite.	x		60																													
									96.55 – 97.82m: 25% sphalerite.	x		25																													
BN	45-62								97.82 – 98.78m: Banded fine-grained quartz with	x		m-s					97.82	98.78	0.96			G005256	5.62%	7.2	5.46													
									silicified pisoliths. Dense clusters of white, pea-sized								BLANK					G005257	240	1.9	0.02													
									quartz pisoliths, with black and grey banded quartz																																
									matrix. Moderate to strong speckled orange sphalerite																																
									within matrix. Banding 45 to 62 degrees.																																
C	70	98.78	117.96	19.18	INT				**Intraformational Dolostone Breccia**																																
									Continuation of previous Intraformation Dolostone																																
									Breccia.																																
BD	72								98.78 – 99.76m: Pale beige altered dolostone. Mild	m		t	t-w				98.78	99.76	0.98			G005258	2.29%	4.5	0.67													
									zinc-zap reaction. Vague banding at 72°																																
VT	58								99.35m: Quartz veinlet with speckled sphalerite in			w																												
									margin, 5cm TW.																																

PROPERTY: GOZ **HOLE:** GOZ-08-62

* R=Random

Struct.		LITHOLOGY								ALT.		MINERALS					SAMPLES									Blocks			GEOTECHNICAL						JOINTS				
																			REC										REC		ROD								
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Silica		Sphalerite	Smithsonite	Hydrozincite	Galena	Pyrite	From (m)	To (m)	Interval (m)	(m)	Percent	Sample	Zn (ppm)	Pb (ppm)	Ag (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude*	Shape	Roughness	Infilling
									99.76 – 100.58m: Dolostone healed gouge breccia.	m-s		t					99.76	100.58	0.82			G005259	2.32%	6.9	0.65	99.67	102.72	3.05	3.02	99%	2.68	88%	FR	MS	7	35	2	3	N
									Sub-rounded to sub-angular gravel sized dolostone																															
									fragments in sandy matrix. Very well healed, moderately																															
									to strongly silicified. Negligible zinc-zap reaction. Trace																															
									speckled red sphalerite, evenly distributed.																															
C	52								100.58 – 105.40m: Sporadic clustered pisoliths within	m		t				t	100.58	102.58	2.00			G005260	9570	4.8	0.2	102.72	105.77	3.05	2.96	97%	2.80	92%	FR	MS	8	R	2	3	N
									weakly silicified dolostone body.								STD-HZ2					G005261	7.24%	>1%	60.6														
																	102.58	104.58	2.00			G005262	5020	11.9	0.16														
Fx	20								105.00m: Unknown lime-green mineral coating																															
									fracture surface.																	105.77	108.81	3.04	3.05	100%	2.51	83%	FR	MS	14	R	2	3	N
																										108.81	111.86	3.05	3.05	100%	3.05	100%	FR	MS	6	R	2	3	N
									106.95 – 108.55m: Sparry dolomite in matrix with very	w		t																												
									thin red sphalerite in matrix margins.																															
																										108.81	111.86	3.05	3.05	100%	3.05	100%	FR	MS	6	R	2	3	N
									109.29 – 110.72m: Pyrite and sphalerite filled stylolites.	w		t				t																									
																										111.86	114.91	3.05	2.99	98%	2.24	73%	FR	MS	17	R	2	3	N
									110.72 – 117.96m: Sparry dolomite in breccia matrix.	w		n				t																									
									No sphalerite observed.																	114.91	117.96	3.05	3.05	100%	2.68	88%	FR	MS	10	R	2	3	N
		117.96							**End of Hole.**																															

APPENDIX VI

GEOPHYSICAL REPORT

March 13, 2009

TO: Marc Blythe-Tarsis Capital Corp.
FROM: Ken Witherly-Condor Consulting, Inc.
SUBJECT: Yukon Gravity Surveys-2008

Marc:

This memo covers the three gravity surveys we processed for Tarsis in 2008. The areas modeled were Goz, Walt Ridge and Mor.

The primary data acquisition and reduction was performed by MWH Geo-surveys in July 2008. The primary data (Excel spread sheet) and notes on the survey are provided in Appendix A.

The data sets were modeled with the code Grav3D, a voxel style inversion code developed at the University of British Colombia.

Apart from the modeling, no other assessment of these results has been undertaken.

In terms of deliverables, the UBC files, DXFs and a basic AVI of the models are provided.

Goz:
The primary survey outcome is shown in Figure 1 and the voxel model in Figure 2.

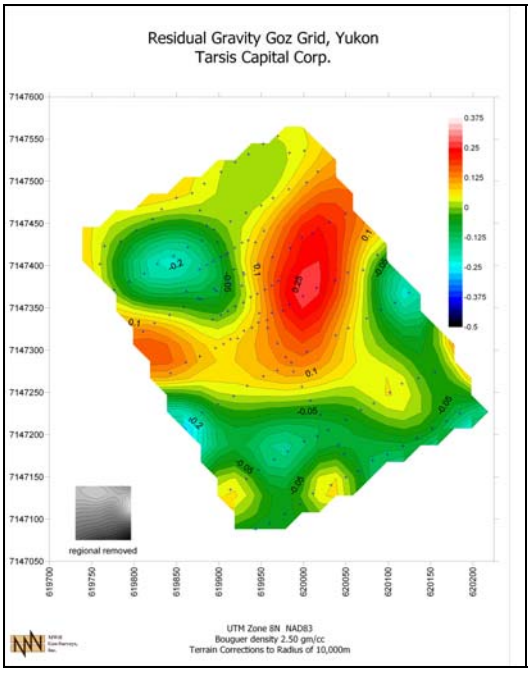


Figure 1: Goz Bouguer results.

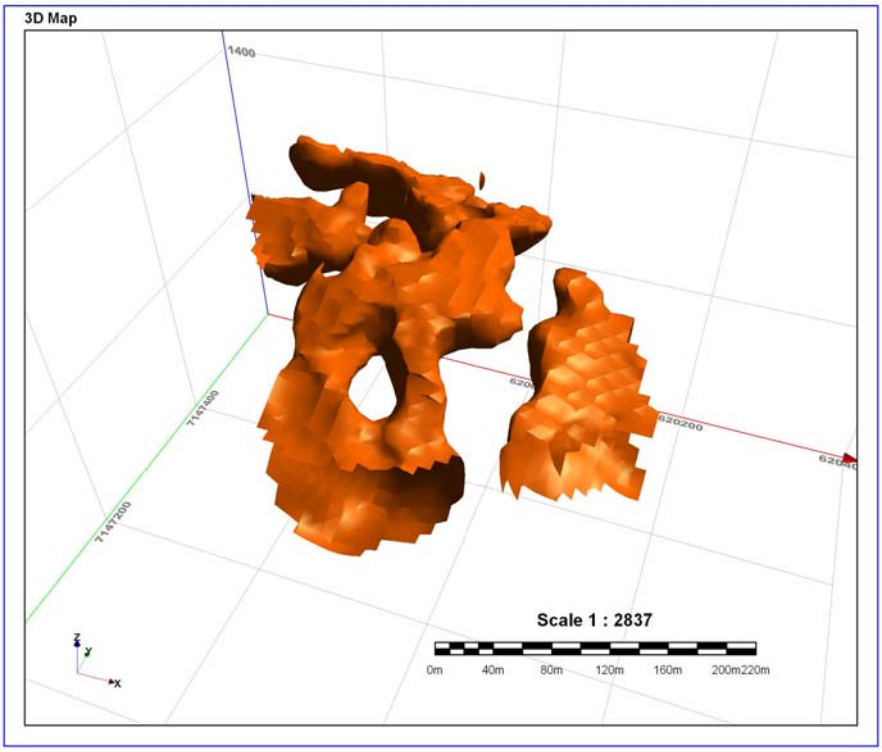


Figure 2: Goz voxel model (0.25 g/cc)

Walt Ridge:

The primary outcome is shown in Figure 3 with the voxel model in Figure 4.

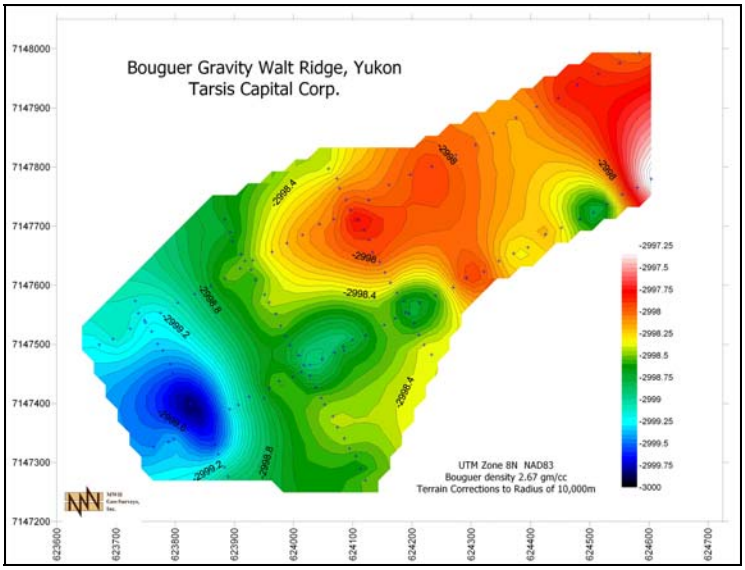


Figure 3: Walt Ridge Bouguer results.

Mor:

At Mor, only four lines were surveyed (designated 1, 2, 3 and 5). The results are shown in Figures 5 and 6 with the voxel models in Figures 7 and 8.

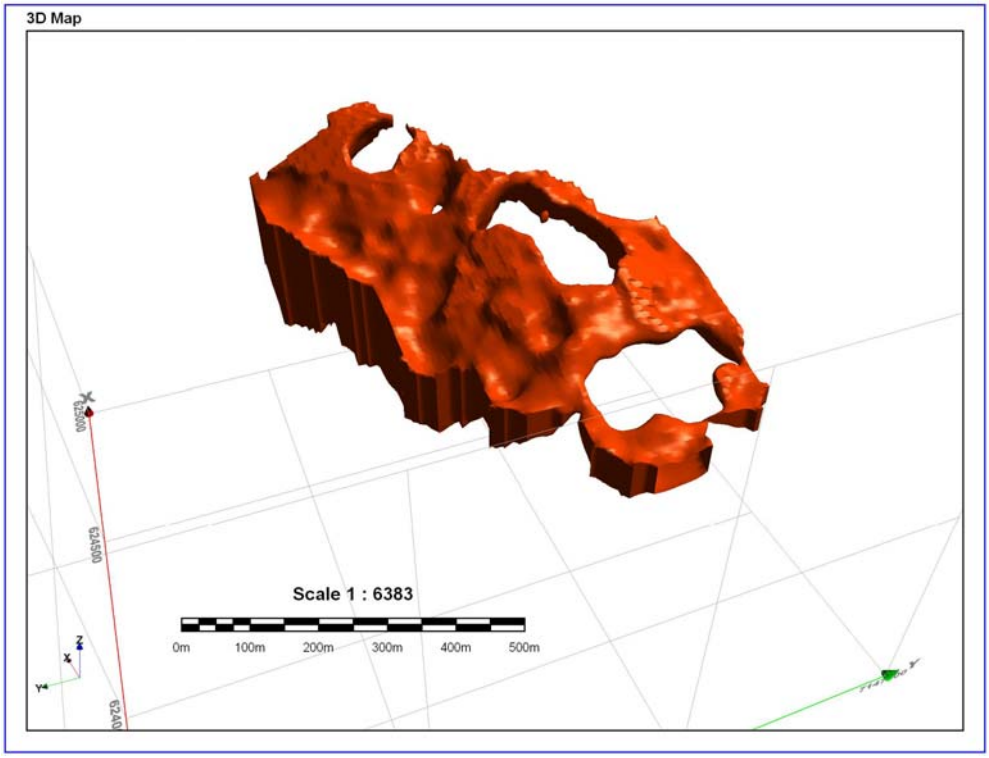


Figure 4: Walt Ridge Voxel model (0.27 g/cc).

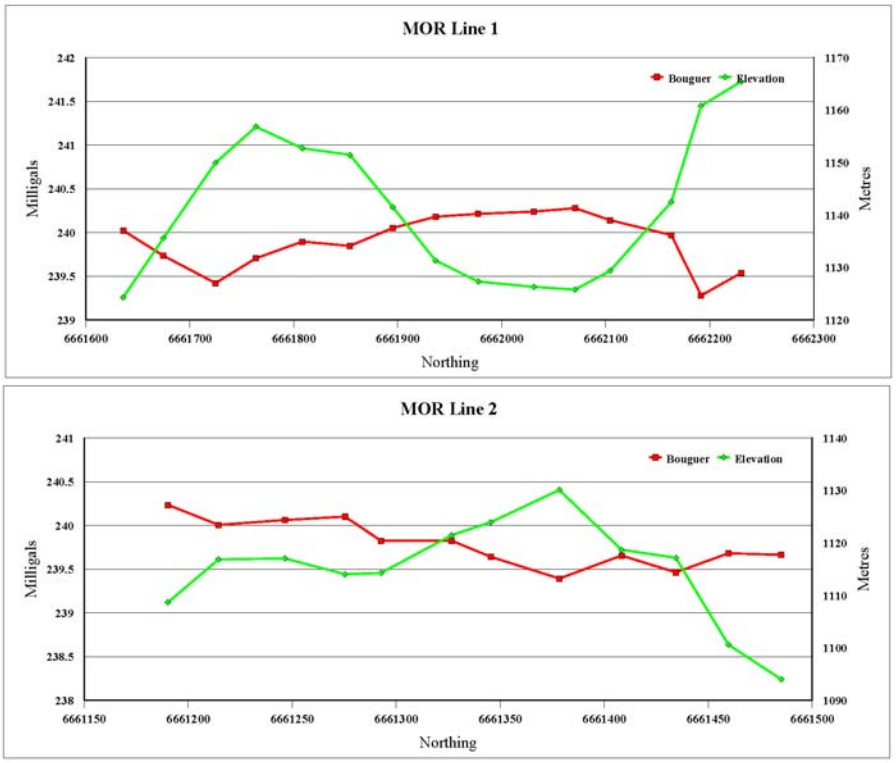


Figure 5: Mor lines 1 and 2.

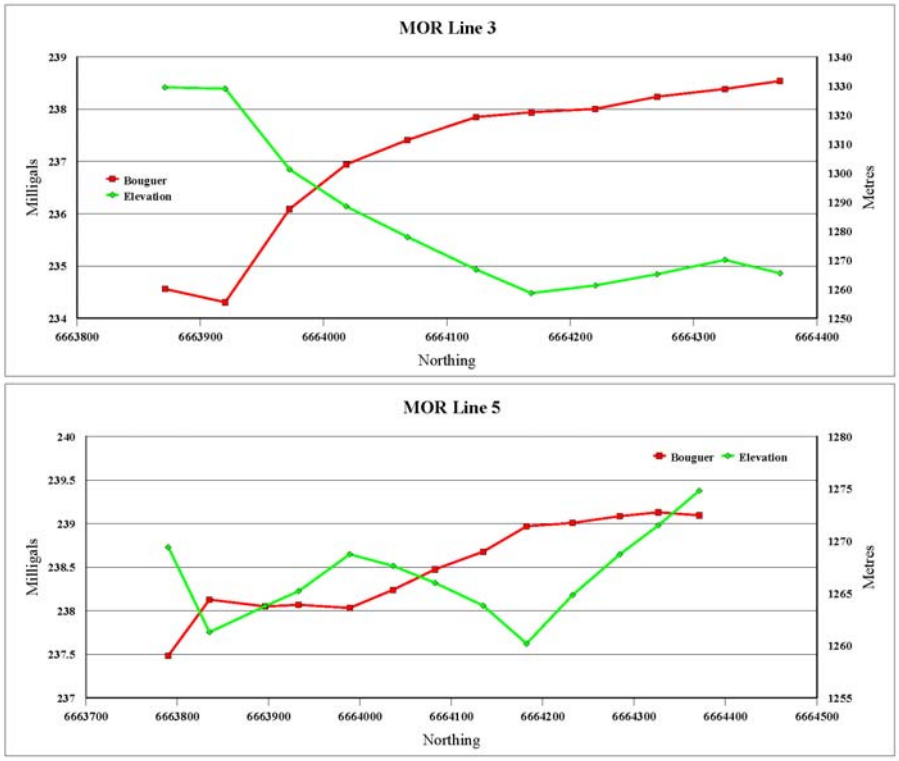


Figure 6: Mor lines 3 and 5.

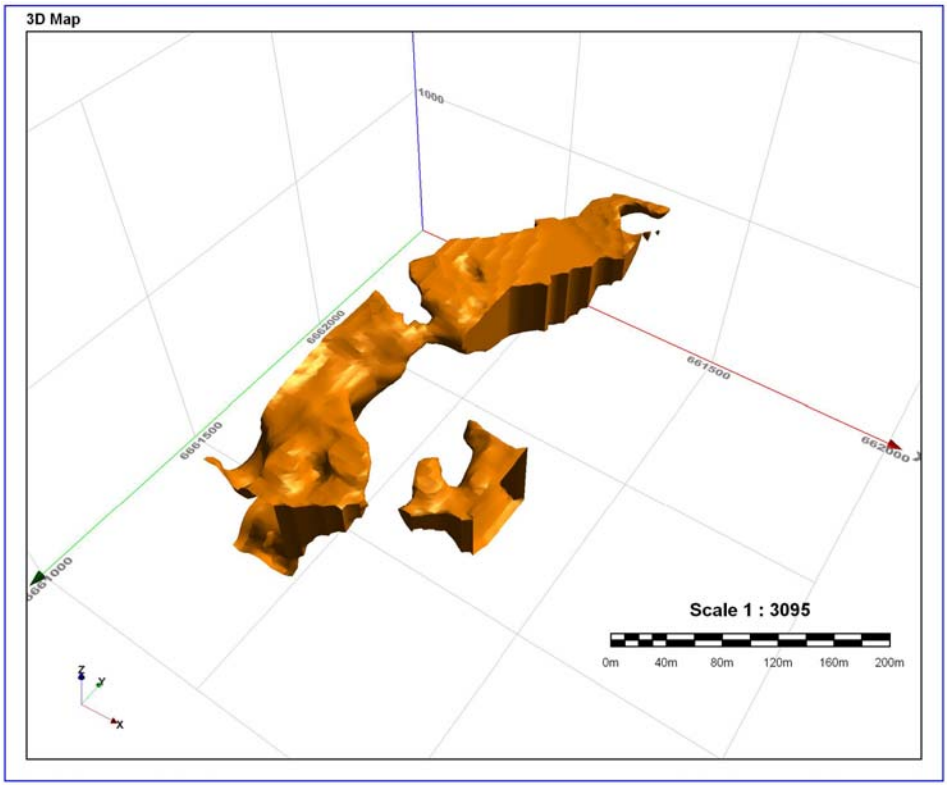


Figure 7: Mor 1_2 Voxel model (0.11 g/cc).

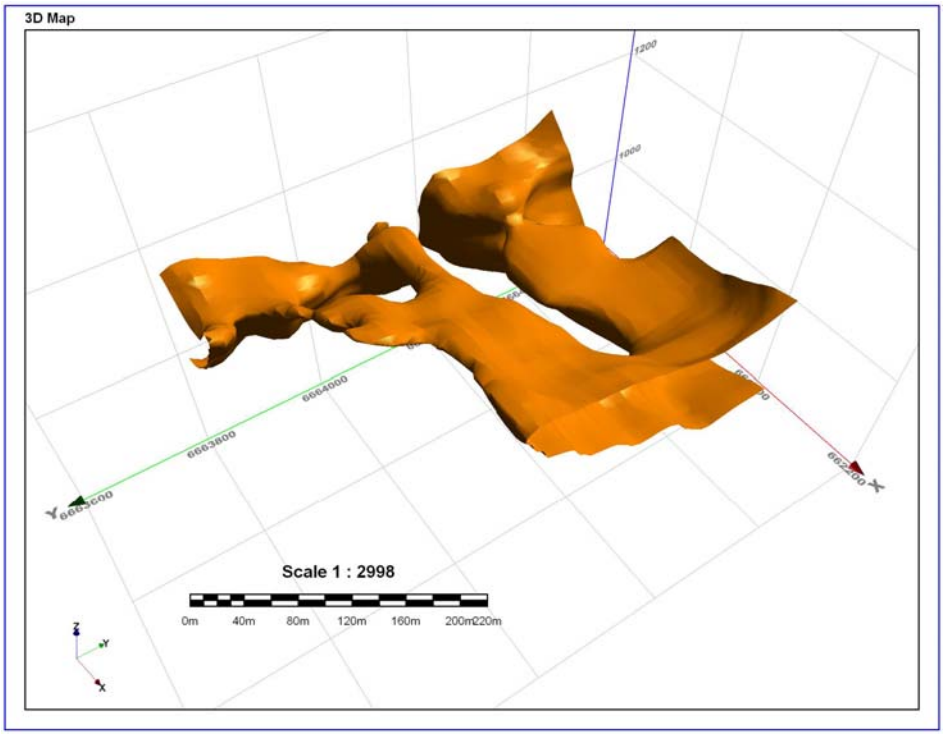


Figure 8: Mor 3_5 Voxel model (0.86 g/cc).

Note, the AVIs have all been produced using MPEG-4 Video Codec V1 format.

APPENDIX A-MWH Geo-surveys Gravity Survey for Tarsis Capital

MWH Geo-Surveys Ltd.

Proposal for Land Gravity & GPS Positioning Survey
Goz Creek, Yukon

For Tarsis Capital Corp.

MWH Geo-Surveys Ltd.
May 20, 2008

May 20, 2008

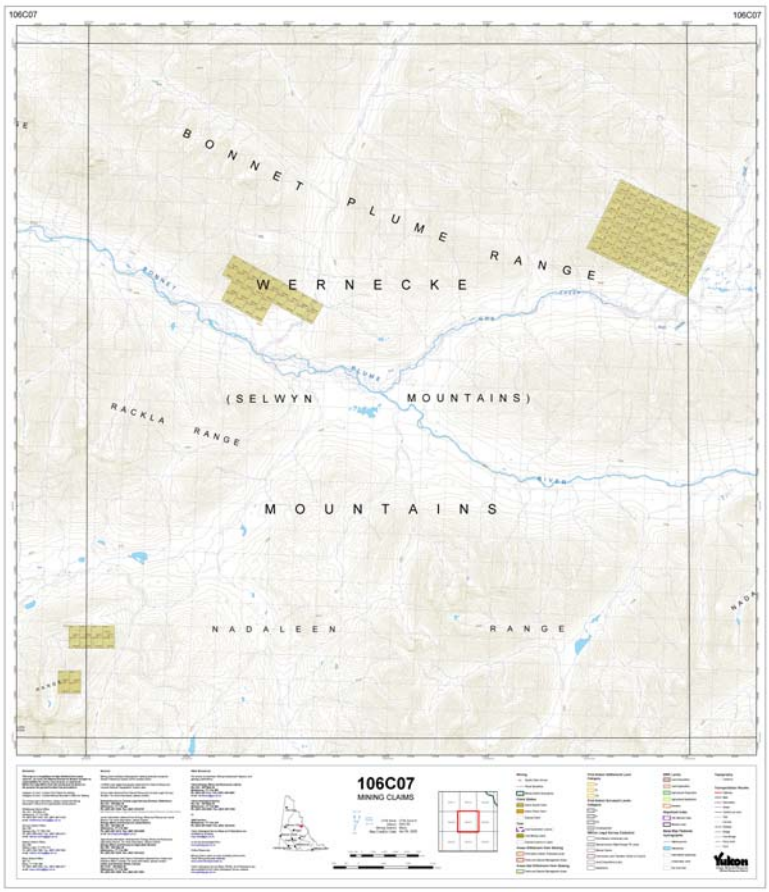
Mr. Marc G. Blythe, P.Eng., MBA.
President and CEO
Tarsis Capital Corp. 1103 – 750 W Pender Street
Vancouver BC Canada V6C 2T8

Re: Goz Creek, Yukon Gravity Survey

As per requested our proposal for the noted gravity survey:

SURVEY LAYOUT, EQUIPMENT & CREW

Layout: The project will consist of several target sites in the Northern Yukon Territory. Line locations and station intervals will be determined after discussions with Tarsis personnel. Stations will be located at sites accessible on foot.



Crew & Equipment: To carry out this survey MWH Geo-Surveys, Inc. will supply a crew equipped as follows:

- Two geophysical surveyors
- Two Lacoste & Romberg Aliod electronic microgravity meters
- Two handheld field PC operating *GControl* proprietary software
- Three Magellan (Ashtech) dual frequency RTK GPS receivers
- RTK base radio equipment and Allegro controller operating *FastSurvey*
- Computing equipment

MWH Geo-Surveys Ltd.
Suite 388, 3104 – 30 Avenue, Vernon, B.C. V1T 2C2 (250)542-9897

Gravity Equipment: MWH Geo-Surveys uses LaCoste & Romberg Aliod electronic gravity meters operated via proprietary controller software. These gravity meters, which incorporate electronic levels and electronic beam nulling, have proven to be quick, very accurate and reliable. The digital output from the Aliod meter is captured wirelessly via Bluetooth by *GControl*, software developed by MWH Geo-Surveys, operating on a Juniper Archer field PC. At each gravity station, *GControl* records gravity samples at 2 second intervals; the resultant average of these records is used as the final gravity reading, thereby removing much of the high frequency noise, such as that caused by wind and ground motion. *GControl* calculates precise real-time, location specific tidal corrections during data collection. Typical data accuracy is 0.02 milligals.

Positional Survey Equipment: MWH Geo-Surveys uses dual frequency, 12 channel Magellan (Ashtech) Z-Surveyor, Z-Xtreme and the latest wireless RTK Z-Max GPS receivers. The GPS methodology would be Real Time Kinematic (RTK) survey with static GPS control ties to USGS CORS GPS site in El Paso, Texas.

RTK acceptance criteria will be set to .025m horizontal & vertical. Only fixed solutions are utilized. *FastSurvey 2.0* is used as the controlling software.

Gravity & GPS Data Processing: The digital gravity readings obtained in the field will be reduced to Observed Gravity by converting to milligals and correcting for: earth tides, instrument height, instrument drift and base shifts. Bouguer gravity will be calculated by applying latitude, inner terrain, free air and bouguer corrections to the Observed Gravity values.

Static GPS data will be downloaded daily into Trimble Total Control version 2.73 for post-processing. RTK solutions are downloaded into GNSS Solutions.

Terrain Correction Procedures: Inner zone terrain corrections will be derived from a detailed DEM which is produced from merging GPS positions and positions obtained from a reflector-less laser. The laser is used to rapidly collect positions around the RTK GPS sightings yielding a large number of terrain points from which a detailed DEM is calculated.

Canadian Geospatial elevation data is downloaded, gridded and used for far zone terrain corrections. Using these data sources, high precision terrain corrections are calculated to a radius suitable for the project.

MWH Geo-Surveys Ltd.
Suite 388, 3104 – 30 Avenue, Vernon, B.C. V1T 2C2 (250)542-9897

MWH Geo-Surveys; EXPERIENCE & CAPABILITIES:

MWH Geo-Surveys has since 1980, been exclusively conducting gravity surveys and their related topographic surveys. MWH has extensive experience for both US and International surveys including surveys in Argentina, Bolivia, Chad, Cuba, Eritrea, Ethiopia, Gambia, Indonesia, Iraq, Italy, Mexico, Mongolia, Oman, Peru, Philippines, Senegal, Spain, Sudan, Thailand, Trinidad, Tunisia and Yemen. Additional information on our capabilities can be found at http://www.mwhgeo.com

COST QUOTATION & PRODUCTION ESTIMATES

Costs: Our rates for the services as outlined above in US dollars:

Mobilization/demobilization expenses:	At cost
Survey Production:	$1,770 per day
Standby days due to equipment malfunction:	nil
Standby due to weather conditions or travel days:	$1,250 per day

Land use permits and access will, as required, be arranged by Tarsis or their associates. Tarsis or their associates will be responsible for providing local transportation, a survey helper and room & board. Rates are exclusive of any duties or taxation which may apply.

Production and Scheduling: Production is typically dependent on access to work area, access within work area, station to station transport mode, severity of the topography and GPS methodology. An **estimate** of the production rate for this survey would be approximately 75 stations per day at 50 meter intervals. With current project commitments we anticipate a crew available for this project in late June.

If we can provide any further information or clarifications please contact me at by email or 250 542-9897.

Kevin MacNabb
MWH Geo-Surveys Ltd.

MWH Geo-Surveys, Inc.

Gravity Survey at Goz/Walt/MOR Grids, Yukon

for Tarsis Capital Corp.

Boug density #1:	2.30	unique stations:	345	
Boug density #2:	2.50	repeats:	10	
Boug density #3:	2.67	stdev of repeats:	0.009	

Area	Stn#	Date	UTC	Meter	Dial	TC-Aliod	H.I.	Tide	StatG	G Observed	TC@2.0 gm/cc 0 - 500 m	TC@2.0 gm/cc 0.5-10km
Goz1	1001	2008/7/10	15:50:50	562	5363.00	-34.455	0.040	-0.003	5508.870	981963.463	1.30	4.65
Goz1	1002	2008/7/10	15:51:17	562	5363.00	-32.963	0.040	-0.003	5510.362	981964.956	1.30	4.51
Goz1	1003	2008/7/10	15:56:53	562	5363.00	-30.908	0.040	-0.002	5512.417	981967.011	1.33	4.39
Goz1	1004	2008/7/10	16:00:58	562	5363.00	-28.798	0.040	-0.002	5514.527	981969.120	1.40	4.21
Goz1	1005	2008/7/10	16:07:26	562	5363.00	-26.912	0.040	-0.002	5516.413	981971.005	1.52	4.03
Goz1	1006	2008/7/10	16:11:33	562	5363.00	-25.588	0.040	-0.002	5517.737	981972.329	1.66	3.89
Goz1	1007	2008/7/10	16:19:41	562	5363.00	-22.937	0.040	-0.002	5520.388	981974.980	1.79	3.68
Goz1	1008	2008/7/10	16:29:07	562	5363.00	-22.471	0.040	-0.002	5520.854	981975.445	1.84	3.58
Goz1	1009	2008/7/10	16:36:00	562	5363.00	-21.316	0.040	-0.002	5522.009	981976.600	1.89	3.43
Goz1	1010	2008/7/10	16:51:30	562	5363.00	-19.663	0.040	-0.002	5523.662	981978.252	1.97	3.28
Goz1	1011	2008/7/10	16:58:15	562	5363.00	-18.158	0.040	-0.002	5525.167	981979.756	2.04	3.18
Goz1	1012	2008/7/10	17:05:14	562	5363.00	-16.839	0.040	-0.002	5526.486	981981.074	2.11	3.10
Goz1	1013	2008/7/10	17:12:09	562	5363.00	-15.134	0.040	-0.003	5528.191	981982.779	2.18	3.00
Goz1	1014	2008/7/10	17:21:03	562	5363.00	-13.443	0.040	-0.003	5529.882	981984.469	2.21	2.92
Goz1	1015	2008/7/10	17:29:36	562	5363.00	-14.368	0.040	-0.003	5528.957	981983.543	2.21	3.01
Goz1	1016	2008/7/10	17:37:15	562	5363.00	-13.150	0.040	-0.004	5530.174	981984.761	2.22	2.97
Goz2	2001	2008/7/10	18:02:42	562	5363.00	-34.235	0.040	-0.006	5509.090	981963.675	1.28	4.75
Goz2	2002	2008/7/10	18:08:44	562	5363.00	-33.076	0.040	-0.006	5510.249	981964.833	1.27	4.70
Goz2	2003	2008/7/10	18:12:51	562	5363.00	-31.723	0.040	-0.007	5511.602	981966.186	1.28	4.63
Goz2	2004	2008/7/10	18:17:07	562	5363.00	-30.394	0.040	-0.007	5512.931	981967.514	1.33	4.53
Goz2	2005	2008/7/10	18:21:13	562	5363.00	-30.223	0.040	-0.007	5513.101	981967.685	1.42	4.47
Goz2	2006	2008/7/10	18:26:47	562	5363.00	-29.405	0.040	-0.008	5513.920	981968.503	1.54	4.36
Goz2	2007	2008/7/10	18:32:55	562	5363.00	-28.490	0.040	-0.009	5514.835	981969.418	1.67	4.26
Goz2	2008	2008/7/10	18:37:34	562	5363.00	-26.647	0.040	-0.009	5516.678	981971.260	1.78	4.07
Goz2	2009	2008/7/10	18:46:48	562	5363.00	-24.901	0.040	-0.010	5518.424	981973.005	1.88	3.93
Goz2	2010	2008/7/10	18:52:45	562	5363.00	-23.239	0.040	-0.011	5520.086	981974.667	1.96	3.78
Goz2	2011	2008/7/10	19:03:27	562	5363.00	-21.804	0.040	-0.012	5521.521	981976.101	2.01	3.66
Goz2	2012	2008/7/10	19:09:13	562	5363.00	-20.555	0.040	-0.013	5522.770	981977.350	2.03	3.52
Goz2	2013	2008/7/10	19:14:48	562	5363.00	-18.228	0.040	-0.014	5525.097	981979.677	2.06	3.34
Goz2	2014	2008/7/10	19:22:00	562	5363.00	-15.971	0.040	-0.015	5527.354	981981.933	2.11	3.20
Goz2	2015	2008/7/10	19:25:54	562	5363.00	-14.160	0.040	-0.015	5529.165	981983.743	2.15	3.09
Goz2.5	2101	2008/7/11	21:35:43	562	5363.00	-31.542	0.040	-0.020	5511.783	981966.331	1.56	4.66
Goz2.5	2102	2008/7/11	21:30:43	562	5363.00	-30.980	0.040	-0.019	5512.345	981966.893	1.58	4.61
Goz2.5	2103	2008/7/11	21:26:46	562	5363.00	-30.449	0.040	-0.018	5512.876	981967.424	1.62	4.56
Goz2.5	2104	2008/7/11	21:22:53	562	5363.00	-29.709	0.040	-0.017	5513.616	981968.164	1.66	4.49
Goz2.5	2105	2008/7/11	21:18:51	562	5363.00	-29.098	0.040	-0.017	5514.227	981968.775	1.70	4.42
Goz2.5	2106	2008/7/11	21:14:32	562	5363.00	-28.571	0.040	-0.016	5514.754	981969.302	1.76	4.34
Goz2.5	2107	2008/7/11	21:09:54	562	5363.00	-27.547	0.040	-0.015	5515.778	981970.327	1.80	4.25
Goz2.5	2108	2008/7/11	21:04:36	562	5363.00	-26.961	0.040	-0.014	5516.364	981970.913	1.83	4.21
Goz2.5	2109	2008/7/11	20:54:47	562	5363.00	-26.629	0.040	-0.011	5516.696	981971.244	1.85	4.22
Goz2.5	2110	2008/7/11	20:59:53	562	5363.00	-24.605	0.040	-0.012	5518.719	981973.268	1.89	4.03
Goz3	3001	2008/7/10	21:05:54	562	5363.00	-32.194	0.040	-0.029	5511.131	981965.703	1.48	4.81
Goz3	3002	2008/7/10	20:59:17	562	5363.00	-33.970	0.040	-0.028	5509.355	981963.927	1.51	4.92
Goz3	3003	2008/7/10	20:54:58	562	5363.00	-34.382	0.040	-0.028	5508.943	981963.515	1.52	4.98
Goz3	3004	2008/7/10	20:52:08	562	5363.00	-34.146	0.040	-0.027	5509.179	981963.751	1.52	4.99
Goz3	3005	2008/7/10	20:48:22	562	5363.00	-33.551	0.040	-0.027	5509.773	981964.346	1.54	4.94
Goz3	3006	2008/7/10	20:44:03	562	5363.00	-32.783	0.040	-0.026	5510.542	981965.115	1.58	4.87
Goz3	3007	2008/7/10	20:39:56	562	5363.00	-31.370	0.040	-0.025	5511.955	981966.528	1.62	4.77
Goz3	3008	2008/7/10	20:36:00	562	5363.00	-29.666	0.040	-0.025	5513.659	981968.233	1.66	4.63
Goz3	3009	2008/7/10	20:32:14	562	5363.00	-28.665	0.040	-0.024	5514.660	981969.234	1.73	4.50
Goz3	3010	2008/7/10	20:27:47	562	5363.00	-28.171	0.040	-0.024	5515.154	981969.728	1.83	4.39
Goz3	3011	2008/7/10	20:20:49	562	5363.00	-26.119	0.040	-0.023	5517.206	981971.781	1.91	4.22
Goz3	3012	2008/7/10	20:09:08	562	5363.00	-23.603	0.040	-0.021	5519.722	981974.297	1.96	4.00
Goz3	3013	2008/7/10	20:04:47	562	5363.00	-22.539	0.040	-0.020	5520.786	981975.362	1.97	3.87
Goz3	3014	2008/7/10	19:58:51	562	5363.00	-19.886	0.040	-0.020	5523.439	981978.015	1.98	3.64
Goz3	3015	2008/7/10	19:51:56	562	5363.00	-17.934	0.040	-0.019	5525.391	981979.968	1.89	3.48
Goz3.5	3101	2008/7/11	21:59:48	562	5363.00	-33.530	0.040	-0.025	5509.795	981964.343	1.68	4.95
Goz3.5	3102	2008/7/11	22:04:06	562	5363.00	-32.961	0.040	-0.027	5510.364	981964.913	1.59	4.89
Goz3.5	3103	2008/7/11	22:07:32	562	5363.00	-31.302	0.040	-0.027	5512.023	981966.572	1.63	4.78
Goz3.5	3104	2008/7/11	22:10:56	562	5363.00	-29.788	0.040	-0.028	5513.537	981968.085	1.66	4.65
Goz3.5	3201	2008/7/11	22:52:20	562	5363.00	-33.701	0.040	-0.037	5509.624	981964.173	1.60	5.06
Goz3.5	3202	2008/7/11	22:49:01	562	5363.00	-33.361	0.040	-0.036	5509.964	981964.513	1.59	5.03
Goz3.5	3203	2008/7/11	22:45:50	562	5363.00	-33.144	0.040	-0.035	5510.181	981964.730	1.59	5.00
Goz3.5	3204	2008/7/11	22:42:23	562	5363.00	-32.709	0.040	-0.035	5510.616	981965.164	1.60	4.96
Goz3.5	3205	2008/7/11	22:38:33	562	5363.00	-32.037	0.040	-0.034	5511.288	981965.837	1.59	4.91
Goz3.5	3207	2008/7/11	22:31:06	562	5363.00	-30.451	0.040	-0.032	5512.874	981967.422	1.57	4.79
Goz3.5	3208	2008/7/11	22:27:29	562	5363.00	-29.699	0.040	-0.032	5513.626	981968.175	1.58	4.73
Goz3.5	3209	2008/7/11	22:24:08	562	5363.00	-29.597	0.040	-0.031	5513.728	981968.276	1.64	4.69
Goz3.5	3210	2008/7/11	22:19:11	562	5363.00	-29.725	0.040	-0.030	5513.600	981968.148	1.69	4.64
Goz4	4101	2008/7/10	21:14:46	562	5363.00	-29.037	0.040	-0.031	5514.288	981968.859	1.73	4.69
Goz4	4102	2008/7/10	21:25:29	562	5363.00	-32.517	0.040	-0.032	5510.808	981965.378	1.75	4.92
Goz4	4103	2008/7/10	21:29:02	562	5363.00	-33.585	0.040	-0.033	5509.739	981964.309	1.77	5.04
Goz4	4104	2008/7/10	21:32:15	562	5363.00	-34.150	0.040	-0.033	5509.175	981963.744	1.76	5.11
Goz4	4201	2008/7/11	22:58:06	562	5363.00	-33.982	0.040	-0.038	5509.343	981963.892	1.73	5.12
Goz4	4105	2008/7/10	21:36:11	562	5363.00	-33.741	0.040	-0.034	5509.584	981964.153	1.71	5.11
Goz4	4202	2008/7/11	23:05:23	562	5363.00	-33.378	0.040	-0.039	5509.947	981964.496	1.68	5.09
Goz4	4106	2008/7/11	16:08:40	562	5363.00	-32.865	0.040	0.014	5510.460	981965.007	1.65	5.05
Goz4	4106	2008/7/10	21:49:38	562	5363.00	-32.870	0.040	-0.036	5510.455	981965.023	1.64	5.05
Goz4	4203	2008/7/11	23:08:53	562	5363.00	-32.403	0.040	-0.040	5510.922	981965.471	1.63	5.02
Goz4	4107	2008/7/10	21:53:55	562	5363.00	-31.938	0.040	-0.036	5511.386	981965.955	1.61	4.98
Goz4	4204	2008/7/11	23:12:35	562	5363.00	-31.227	0.040	-0.041	5512.098	981966.646	1.58	4.93
Goz4	4108	2008/7/10	21:57:35	562	5363.00	-30.461	0.040	-0.037	5512.864	981967.431	1.56	4.87
Goz4	4205	2008/7/11	23:18:53	562	5363.00	-29.605	0.040	-0.042	5513.720	981968.268	1.56	4.81
Goz4	4109	2008/7/10	22:01:40	562	5363.00	-29.457	0.040	-0.037	5513.868	981968.436	1.60	4.76
Goz4	4110	2008/7/10	22:06:28	562	5363.00	-28.653	0.040	-0.038	5514.672	981969.239	1.68	4.65

Goz4	4112	2008/7/10	22:14:36	562	5363.00	-28.525	0.040	-0.039	5514.800	981969.367	1.98	4.39
Goz4	4113	2008/7/10	22:21:05	562	5363.00	-25.743	0.040	-0.040	5517.582	981972.148	1.94	4.21
Goz4	4114	2008/7/10	22:27:53	562	5363.00	-24.257	0.040	-0.041	5519.068	981973.634	1.85	4.11
Goz4	4115	2008/7/10	22:32:50	562	5363.00	-21.675	0.040	-0.042	5521.650	981976.215	1.82	3.89
Goz5	5001	2008/7/10	00:28:01	562	5363.00	-27.258	0.040	-0.051	5516.067	981970.624	2.07	4.51
Goz5	5002	2008/7/10	00:33:40	562	5363.00	-29.007	0.040	-0.052	5514.318	981968.874	2.07	4.68
Goz5	5003	2008/7/10	00:38:41	562	5363.00	-31.246	0.040	-0.052	5512.079	981966.636	2.05	4.87
Goz5	5004	2008/7/10	00:43:59	562	5363.00	-31.771	0.040	-0.053	5511.554	981966.110	2.00	4.99
Goz5	5005	2008/7/10	00:47:38	562	5363.00	-32.415	0.040	-0.053	5510.910	981965.465	1.94	5.07
Goz5	5006	2008/7/10	00:52:29	562	5363.00	-32.264	0.040	-0.053	5511.061	981965.617	1.90	5.09
Goz5	5007	2008/7/10	00:55:57	562	5363.00	-31.990	0.040	-0.054	5511.335	981965.890	1.87	5.09
Goz5	5008	2008/7/10	00:59:27	562	5363.00	-31.308	0.040	-0.054	5512.017	981966.572	1.82	5.04
Goz5	5009	2008/7/11	16:14:34	562	5363.00	-30.282	0.040	0.015	5513.043	981967.590	1.77	4.94
Goz5	5009	2008/7/10	01:03:58	562	5363.00	-30.262	0.040	-0.054	5513.063	981967.618	1.72	4.94
Goz5	5010	2008/7/11	16:19:12	562	5363.00	-28.359	0.040	0.015	5514.966	981969.513	1.67	4.73
Goz5	5011	2008/7/11	16:23:32	562	5363.00	-27.501	0.040	0.015	5515.824	981970.371	1.64	4.64
Goz5	5012	2008/7/11	16:27:17	562	5363.00	-26.312	0.040	0.016	5517.013	981971.560	1.66	4.53
Goz5	5013	2008/7/11	16:31:05	562	5363.00	-25.913	0.040	0.016	5517.412	981971.959	1.75	4.46
Goz5	5014	2008/7/11	16:34:30	562	5363.00	-26.109	0.040	0.016	5517.216	981971.763	1.87	4.39
Goz5	5015	2008/7/11	16:39:35	562	5363.00	-25.391	0.040	0.016	5517.933	981972.481	1.95	4.27
Goz6	6001	2008/7/10	00:12:39	562	5363.00	-21.009	0.040	-0.050	5522.316	981976.875	2.87	4.14
Goz6	6002	2008/7/10	00:02:03	562	5363.00	-24.172	0.040	-0.049	5519.153	981973.712	2.88	4.37
Goz6	6003	2008/7/10	23:54:25	562	5363.00	-26.636	0.040	-0.052	5516.689	981971.249	2.91	4.53
Goz6	6004	2008/7/10	23:47:04	562	5363.00	-29.020	0.040	-0.051	5514.305	981968.865	2.89	4.69
Goz6	6005	2008/7/10	23:41:09	562	5363.00	-28.582	0.040	-0.050	5514.743	981969.304	2.75	4.74
Goz6	6006	2008/7/10	23:31:48	562	5363.00	-27.129	0.040	-0.049	5516.196	981970.757	2.54	4.73
Goz6	6007	2008/7/10	23:23:25	562	5363.00	-27.332	0.040	-0.048	5515.993	981970.555	2.49	4.71
Goz6	6008	2008/7/11	19:34:29	562	5363.00	-28.463	0.040	0.004	5514.861	981969.409	2.57	4.71
Goz6	6008	2008/7/10	23:16:10	562	5363.00	-28.461	0.040	-0.047	5514.863	981969.426	2.56	4.71
Goz6	6009	2008/7/10	23:11:29	562	5363.00	-28.203	0.040	-0.047	5515.122	981969.685	2.46	4.67
Goz6	6010	2008/7/10	23:07:25	562	5363.00	-27.580	0.040	-0.046	5515.745	981970.308	2.36	4.63
Goz6	6011	2008/7/10	23:03:55	562	5363.00	-25.984	0.040	-0.046	5517.341	981971.904	2.16	4.57
Goz6	6012	2008/7/10	22:57:32	562	5363.00	-23.615	0.040	-0.045	5519.710	981974.274	1.92	4.52
Goz6	6013	2008/7/10	22:52:49	562	5363.00	-22.806	0.040	-0.044	5520.518	981975.082	1.80	4.50
Goz6	6014	2008/7/10	22:49:30	562	5363.00	-21.878	0.040	-0.044	5521.447	981976.012	1.79	4.46
Goz6	6015	2008/7/10	22:46:23	562	5363.00	-21.674	0.040	-0.043	5521.651	981976.215	1.82	4.43
Goz7	7000	2008/7/11	18:46:53	562	5363.00	-20.088	0.040	0.011	5523.237	981977.784	3.83	3.95
Goz7	7001	2008/7/11	18:41:24	562	5363.00	-21.554	0.040	0.012	5521.771	981976.318	3.73	4.09
Goz7	7002	2008/7/11	18:37:36	562	5363.00	-22.434	0.040	0.012	5520.890	981975.438	3.56	4.12
Goz7	7003	2008/7/11	18:30:16	562	5363.00	-21.489	0.040	0.013	5521.836	981976.383	3.30	4.09
Goz7	7004	2008/7/11	18:20:27	562	5363.00	-20.090	0.040	0.014	5523.235	981977.782	3.01	4.12
Goz7	7005	2008/7/11	17:51:04	562	5363.00	-17.936	0.040	0.016	5525.389	981979.936	2.81	4.09
Goz7	7006	2008/7/11	17:41:46	562	5363.00	-19.777	0.040	0.016	5523.548	981978.095	2.77	4.14
Goz7	7007	2008/7/11	17:34:00	562	5363.00	-22.495	0.040	0.017	5520.830	981975.378	2.80	4.24
Goz7	7008	2008/7/11	17:29:22	562	5363.00	-23.248	0.040	0.017	5520.077	981974.625	2.85	4.34
Goz7	7009	2008/7/11	17:25:31	562	5363.00	-22.386	0.040	0.017	5520.939	981975.487	2.78	4.28
Goz7	7010	2008/7/11	17:21:05	562	5363.00	-21.340	0.040	0.017	5521.985	981976.532	2.57	4.20
Goz7	7011	2008/7/11	17:17:25	562	5363.00	-19.961	0.040	0.017	5523.364	981977.911	2.39	4.17
Goz7	7012	2008/7/11	17:13:00	562	5363.00	-19.110	0.040	0.017	5524.215	981978.762	2.31	4.15
Goz7	7013	2008/7/11	17:09:32	562	5363.00	-18.196	0.040	0.017	5525.129	981979.676	2.23	4.10
Goz7	7014	2008/7/11	17:06:00	562	5363.00	-17.887	0.040	0.017	5525.438	981979.985	2.30	4.08
Goz7	7015	2008/7/11	17:01:02	562	5363.00	-17.444	0.040	0.017	5525.881	981980.428	2.50	4.11
Goz Base1	1	2008/7/12	14:54:35	562	5363.00	-34.004	0.040	0.010	5509.321	981963.860	1.53	4.89
Goz Base1	1	2008/7/11	15:22:18	562	5363.00	-34.005	0.040	0.009	5509.320	981963.866	1.53	4.89
Goz Base1	1	2008/7/10	15:28:17	562	5363.00	-34.045	0.040	-0.004	5509.280	981963.875	1.53	4.89
Goz Base1	1	2008/7/11	23:29:07	562	5363.00	-33.968	0.040	-0.044	5509.357	981963.906	1.53	4.89
Goz Base1	1	2008/7/10	01:25:44	562	5363.00	-33.970	0.040	-0.056	5509.354	981963.908	1.53	4.89
regional	1	2008/7/11	16:51:21	562	5363.00	-15.622	0.040	0.017	5527.703	981982.250	3.60	3.78
regional	2	2008/7/12	15:33:39	562	5363.00	-41.761	0.040	0.019	5501.564	981956.103	1.84	4.83
regional	3	2008/7/12	16:36:20	562	5363.00	23.555	0.040	0.029	5566.880	982021.420	1.52	4.79
Goz tie line	2	2008/7/11	19:07:43	562	5363.00	-24.073	0.040	0.008	5519.252	981973.800	2.58	4.41
Goz tie line	3	2008/7/11	19:28:18	562	5363.00	-25.546	0.040	0.005	5517.779	981972.327	2.52	4.52
Goz tie line	4	2008/7/11	19:38:39	562	5363.00	-30.200	0.040	0.003	5513.125	981967.673	2.43	4.87
Goz tie line	5	2008/7/11	19:43:01	562	5363.00	-31.027	0.040	0.003	5512.298	981966.846	2.30	5.00
Goz tie line	6	2008/7/11	19:46:54	562	5363.00	-31.238	0.040	0.002	5512.087	981966.635	2.09	5.05
Goz tie line	7	2008/7/11	19:51:03	562	5363.00	-31.274	0.040	0.001	5512.051	981966.599	1.90	5.06
Goz tie line	8	2008/7/11	19:54:49	562	5363.00	-31.509	0.040	0.001	5511.816	981966.364	1.79	5.03
Goz tie line	9	2008/7/11	19:58:33	562	5363.00	-31.668	0.040	0.000	5511.657	981966.205	1.70	5.01
Goz tie line	10	2008/7/11	20:02:20	562	5363.00	-31.589	0.040	-0.001	5511.736	981966.284	1.64	4.97
Goz tie line	11	2008/7/11	20:06:48	562	5363.00	-31.531	0.040	-0.002	5511.794	981966.342	1.60	4.92
Goz tie line	12	2008/7/11	20:10:38	562	5363.00	-31.077	0.040	-0.002	5512.248	981966.796	1.58	4.84
Goz tie line	12	2008/7/11	22:35:29	562	5363.00	-31.054	0.040	-0.033	5512.271	981966.819	1.58	4.84
Goz tie line	13	2008/7/11	20:15:07	562	5363.00	-30.857	0.040	-0.003	5512.468	981967.016	1.61	4.77
Goz tie line	14	2008/7/11	20:18:49	562	5363.00	-29.990	0.040	-0.004	5513.335	981967.883	1.63	4.62
Goz tie line	15	2008/7/11	20:24:07	562	5363.00	-29.322	0.040	-0.005	5514.003	981968.551	1.67	4.45
Goz tie line	16	2008/7/11	20:29:03	562	5363.00	-27.952	0.040	-0.006	5515.373	981969.921	1.72	4.26
Goz tie line	17	2008/7/11	20:32:31	562	5363.00	-26.352	0.040	-0.007	5516.973	981971.521	1.77	4.02
Goz tie line	18	2008/7/11	20:36:36	562	5363.00	-24.751	0.040	-0.008	5518.574	981973.122	1.80	3.80
Walt Base2	2	2008/7/13	02:36:56	562	5363.00	-29.046	0.040	-0.071	5514.279	981968.858	2.02	3.73
Walt Base2	2	2008/7/13	14:29:52	562	5363.00	-29.005	0.040	0.002	5514.320	981968.864	2.02	3.73
Walt L1	1001	2008/7/12	19:45:50	562	5363.00	3.286	0.040	0.022	5546.611	982001.150	1.18	2.11
Walt L1	1002	2008/7/12	20:05:54	562	5363.00	4.689	0.040	0.018	5548.014	982002.553	1.07	2.08
Walt L1	1003	2008/7/12	20:11:21	562	5363.00	5.350	0.040	0.017	5548.675	982003.214	1.11	2.04
Walt L1	1004	2008/7/12	20:14:36	562	5363.00	4.888	0.040	0.017	5548.212	982002.751	1.16	2.02
Walt L1	1005	2008/7/12	20:18:26	562	5363.00	5.755	0.040	0.016	5549.079	982003.618	1.20	2.00
Walt L1	1006	2008/7/12	20:22:12	562	5363.00	6.325	0.040	0.015	5549.650	982004.189	1.23	1.98
Walt L1	1007	2008/7/12	20:25:52	562	5363.00	5.471	0.040	0.014	5548.796	982003.335	1.25	1.98
Walt L1	1008	2008/7/12	20:30:11	562	5363.00	5.047	0.040	0.013	5548.371	982002.910	1.26	1.98
Walt L1	1009	2008/7/12	20:35:03	562	5363.00	4.996	0.040	0.012	5548.321	982002.860	1.26	1.98
Walt L1	1010	2008/7/12	20:39:17	562	5363.00	4.269	0.040	0.011	5547.594	982002.133	1.26	1.98
Walt L1	1011	2008/7/12	20:43:47	562	5363.00	3.735	0.040	0.010	5547.060	982001.599	1.25	1.98
Walt L1	1012	2008/7/12	20:47:25	562	5363.00	2.446	0.040	0.009	5545.771	982000.310	1.25	1.98
Walt L1	1013	2008/7/12	20:52:20	562	5363.00	2.413	0.040	0.008	5545.738	982000.277	1.25	1.99
Walt L1	1014	2008/7/12	20:57:27	562	5363.00	3.230	0.040	0.007	5546.555	982001.093	1.23	1.98
Walt L1	1015	2008/7/12	21:02:37	562	5363.00	4.051	0.040	0.005	5547.376	982001.915	1.21	1.97
Walt L1	1016	2008/7/12	21:07:07	562	5363.00	5.063	0.040	0.004	5548.386	982002.925	1.17	1.96

Walt L1	1018	2008/7/12	21:19:28	562	5363.00	6.828	0.040	0.001	5550.153	982004.692	1.09	1.95
Walt L2	2000	2008/7/13	17:22:54	562	5363.00	-6.052	0.040	0.043	5537.273	981991.825	1.63	2.44
Walt L2	2001	2008/7/13	17:17:34	562	5363.00	-8.650	0.040	0.042	5534.675	981989.228	1.57	2.54
Walt L2	2002	2008/7/13	17:07:37	562	5363.00	-11.830	0.040	0.041	5531.495	981986.047	1.67	2.68
Walt L2	2003	2008/7/13	17:02:15	562	5363.00	-13.055	0.040	0.040	5530.270	981984.822	1.78	2.74
Walt L2	2004	2008/7/13	16:57:26	562	5363.00	-14.580	0.040	0.039	5528.745	981983.296	1.84	2.83
Walt L2	2005	2008/7/13	16:52:25	562	5363.00	-16.020	0.040	0.039	5527.304	981981.856	1.91	2.90
Walt L2	2006	2008/7/13	16:47:48	562	5363.00	-17.221	0.040	0.038	5526.104	981980.655	1.97	2.96
Walt L2	2007	2008/7/13	16:41:32	562	5363.00	-18.612	0.040	0.037	5524.713	981979.264	2.03	3.00
Walt L2	2008	2008/7/13	16:37:08	562	5363.00	-19.759	0.040	0.036	5523.566	981978.117	2.11	3.06
Walt L2	2009	2008/7/13	16:29:32	562	5363.00	-22.148	0.040	0.034	5521.177	981975.727	2.19	3.17
Walt L2	2010	2008/7/13	16:21:23	562	5363.00	-23.484	0.040	0.033	5519.841	981974.391	2.24	3.26
Walt L2	2011	2008/7/13	16:15:45	562	5363.00	-23.988	0.040	0.031	5519.337	981973.886	2.26	3.28
Walt L2	2012	2008/7/13	16:11:18	562	5363.00	-23.843	0.040	0.030	5519.482	981974.031	2.23	3.26
Walt L2	2013	2008/7/13	16:03:51	562	5363.00	-22.035	0.040	0.028	5521.290	981975.839	2.19	3.15
Walt L2	2014	2008/7/13	15:55:06	562	5363.00	-20.931	0.040	0.026	5522.394	981976.943	2.14	3.07
Walt L2	2015	2008/7/13	15:48:29	562	5363.00	-19.206	0.040	0.025	5524.119	981978.667	2.09	2.95
Walt L2	2016	2008/7/13	15:42:02	562	5363.00	-17.541	0.040	0.023	5525.784	981980.332	2.04	2.81
Walt L2	2017	2008/7/13	15:36:37	562	5363.00	-14.923	0.040	0.021	5528.402	981982.950	1.96	2.63
Walt L2	2018	2008/7/13	15:32:51	562	5363.00	-13.292	0.040	0.020	5530.033	981984.581	1.88	2.52
Walt L2	2019	2008/7/13	15:28:30	562	5363.00	-10.646	0.040	0.019	5532.679	981987.227	1.85	2.34
Walt L2	2020	2008/7/13	15:25:02	562	5363.00	-8.385	0.040	0.018	5534.940	981989.487	1.83	2.24
Walt L2	2021	2008/7/13	15:21:19	562	5363.00	-6.231	0.040	0.017	5537.094	981991.640	1.81	2.15
Walt L2	2022	2008/7/13	15:17:32	562	5363.00	-4.752	0.040	0.016	5538.573	981993.120	1.77	2.09
Walt L2	2023	2008/7/13	15:04:37	562	5363.00	-1.689	0.040	0.012	5541.636	981996.182	1.72	2.00
Walt L2	2024	2008/7/12	21:49:44	562	5363.00	-0.117	0.040	-0.007	5543.208	981997.747	1.67	1.98
Walt L2	2024	2008/7/13	15:00:52	562	5363.00	-0.112	0.040	0.011	5543.213	981997.759	1.67	1.98
Walt L2	2025	2008/7/12	21:41:10	562	5363.00	2.858	0.040	-0.005	5546.183	982000.721	1.56	1.97
Walt L3	3002	2008/7/13	21:38:06	562	5363.00	-28.608	0.040	0.014	5514.717	981969.282	1.08	3.77
Walt L3	3003	2008/7/13	21:41:59	562	5363.00	-28.788	0.040	0.013	5514.537	981969.102	1.10	3.78
Walt L3	3004	2008/7/13	21:45:09	562	5363.00	-29.291	0.040	0.012	5514.034	981968.599	1.15	3.75
Walt L3	3005	2008/7/13	21:48:34	562	5363.00	-29.152	0.040	0.011	5514.173	981968.738	1.18	3.67
Walt L3	3006	2008/7/13	21:51:49	562	5363.00	-28.713	0.040	0.010	5514.612	981969.178	1.24	3.61
Walt L3	3007	2008/7/13	21:55:14	562	5363.00	-27.335	0.040	0.008	5515.990	981970.556	1.32	3.53
Walt L3	3008	2008/7/13	21:59:15	562	5363.00	-25.841	0.040	0.007	5517.483	981972.049	1.44	3.44
Walt L3	3009	2008/7/13	22:03:30	562	5363.00	-23.285	0.040	0.006	5520.040	981974.606	1.60	3.25
Walt L3	3010	2008/7/13	22:07:43	562	5363.00	-21.233	0.040	0.005	5522.092	981976.658	1.77	3.03
Walt L3	3011	2008/7/13	22:12:00	562	5363.00	-18.495	0.040	0.003	5524.830	981979.396	1.94	2.80
Walt L3	3012	2008/7/13	22:16:19	562	5363.00	-16.126	0.040	0.002	5527.199	981981.765	2.08	2.62
Walt L3	3013	2008/7/13	22:20:39	562	5363.00	-13.349	0.040	0.000	5529.976	981984.542	2.19	2.42
Walt L3	3014	2008/7/13	22:24:58	562	5363.00	-10.997	0.040	-0.001	5532.328	981986.895	2.32	2.29
Walt L3	3015	2008/7/13	22:29:23	562	5363.00	-8.537	0.040	-0.002	5534.788	981989.355	2.41	2.17
Walt L3	3016	2008/7/13	22:35:48	562	5363.00	-5.736	0.040	-0.004	5537.589	981992.156	2.37	2.07
Walt L3	3017	2008/7/13	22:40:18	562	5363.00	-3.666	0.040	-0.006	5539.659	981994.227	2.29	2.03
Walt L3	3018	2008/7/13	22:50:05	562	5363.00	-1.129	0.040	-0.009	5542.196	981996.764	2.26	2.01
Walt L3	3019	2008/7/13	22:54:38	562	5363.00	0.716	0.040	-0.011	5544.041	981998.609	2.20	2.02
Walt L3	3020	2008/7/13	22:59:27	562	5363.00	3.232	0.040	-0.012	5546.557	982001.125	1.94	2.07
Walt L4	4001	2008/7/13	17:40:38	562	5363.00	11.146	0.040	0.045	5554.470	982009.024	1.03	1.98
Walt L4	4002	2008/7/13	17:45:37	562	5363.00	9.320	0.040	0.045	5552.645	982007.199	0.99	1.97
Walt L4	4003	2008/7/13	17:49:34	562	5363.00	8.669	0.040	0.046	5551.994	982006.547	1.04	1.97
Walt L4	4004	2008/7/13	17:54:35	562	5363.00	7.943	0.040	0.046	5551.268	982005.822	1.14	1.98
Walt L4	4005	2008/7/13	17:58:09	562	5363.00	6.721	0.040	0.046	5550.046	982004.600	1.25	1.98
Walt L4	4006	2008/7/13	18:02:36	562	5363.00	4.498	0.040	0.046	5547.823	982002.378	1.34	2.00
Walt L4	4007	2008/7/13	18:06:24	562	5363.00	2.532	0.040	0.046	5545.857	982000.412	1.47	2.02
Walt L4	4008	2008/7/13	18:11:33	562	5363.00	-0.572	0.040	0.047	5542.753	981997.308	1.64	2.07
Walt L4	4009	2008/7/13	18:17:15	562	5363.00	-2.870	0.040	0.047	5540.455	981995.010	1.83	2.13
Walt L4	4010	2008/7/13	18:26:39	562	5363.00	-7.462	0.040	0.047	5535.862	981990.418	2.04	2.27
Walt L4	4011	2008/7/13	18:36:04	562	5363.00	-10.656	0.040	0.047	5532.669	981987.225	2.19	2.42
Walt L4	4012	2008/7/13	18:42:56	562	5363.00	-13.279	0.040	0.046	5530.046	981984.602	2.27	2.59
Walt L4	4013	2008/7/13	18:48:47	562	5363.00	-16.653	0.040	0.046	5526.672	981981.229	2.29	2.79
Walt L4	4014	2008/7/13	18:55:14	562	5363.00	-20.008	0.040	0.046	5523.317	981977.874	2.29	3.02
Walt L4	4015	2008/7/13	19:00:12	562	5363.00	-22.582	0.040	0.046	5520.743	981975.300	2.27	3.18
Walt L4	4016	2008/7/13	19:05:00	562	5363.00	-25.366	0.040	0.045	5517.959	981972.516	2.21	3.37
Walt L4	4017	2008/7/13	19:08:41	562	5363.00	-27.130	0.040	0.045	5516.195	981970.753	2.11	3.53
Walt L4	4018	2008/7/13	19:12:43	562	5363.00	-28.128	0.040	0.045	5515.197	981969.754	1.98	3.63
Walt L4	4019	2008/7/13	19:16:31	562	5363.00	-28.804	0.040	0.044	5514.521	981969.079	1.84	3.68
Walt L4	4020	2008/7/13	19:36:40	562	5363.00	-28.845	0.040	0.042	5514.480	981969.039	1.68	3.71
Walt L4	4021	2008/7/13	19:40:46	562	5363.00	-28.671	0.040	0.041	5514.654	981969.213	1.52	3.73
Walt L4	4023	2008/7/13	19:51:47	562	5363.00	-28.276	0.040	0.040	5515.048	981969.608	1.38	3.71
Walt L4	4024	2008/7/13	19:55:46	562	5363.00	-28.157	0.040	0.039	5515.168	981969.728	1.29	3.65
Walt L4	4025	2008/7/13	19:59:39	562	5363.00	-28.368	0.040	0.038	5514.957	981969.517	1.25	3.60
Walt L4	4026	2008/7/13	20:03:57	562	5363.00	-28.296	0.040	0.037	5515.028	981969.589	1.23	3.58
Walt L4	4027	2008/7/13	20:08:02	562	5363.00	-27.710	0.040	0.036	5515.615	981970.175	1.21	3.45
Walt L4	4028	2008/7/13	20:15:50	562	5363.00	-25.908	0.040	0.035	5517.417	981971.977	1.23	3.33
Walt L4	4029	2008/7/13	20:20:21	562	5363.00	-23.909	0.040	0.034	5519.416	981973.977	1.29	3.28
Walt L4	4030	2008/7/13	20:24:10	562	5363.00	-24.573	0.040	0.033	5518.752	981973.313	1.32	3.27
Walt L4	4031	2008/7/13	20:28:08	562	5363.00	-24.896	0.040	0.032	5518.429	981972.991	1.28	3.16
Walt L4	4032	2008/7/13	20:32:13	562	5363.00	-25.857	0.040	0.031	5517.467	981972.029	1.23	3.17
Walt L4	4033	2008/7/13	20:37:16	562	5363.00	-26.593	0.040	0.030	5516.732	981971.294	1.27	3.22
Walt L4	4034	2008/7/13	20:42:05	562	5363.00	-25.668	0.040	0.029	5517.656	981972.219	1.37	3.10
Walt L4	4035	2008/7/13	20:46:35	562	5363.00	-28.159	0.040	0.028	5515.166	981969.729	1.44	3.13
Walt L4	4036	2008/7/13	20:53:01	562	5363.00	-32.713	0.040	0.026	5510.612	981965.174	1.48	3.41
Walt L4	4037	2008/7/13	20:57:38	562	5363.00	-35.418	0.040	0.025	5507.907	981962.470	1.50	3.56
Walt L4	4038	2008/7/13	21:02:30	562	5363.00	-35.551	0.040	0.024	5507.774	981962.337	1.55	3.51
Walt L4	4039	2008/7/13	21:07:02	562	5363.00	-33.668	0.040	0.023	5509.657	981964.220	1.66	3.42
Walt L4	4040	2008/7/13	21:10:44	562	5363.00	-34.155	0.040	0.022	5509.170	981963.733	1.86	3.50
Walt L4	4041	2008/7/13	21:13:50	562	5363.00	-33.884	0.040	0.021	5509.441	981964.004	2.16	3.41
Walt L5	5001	2008/7/13	23:23:26	562	5363.00	9.621	0.040	-0.020	5552.945	982007.515	0.90	1.92
Walt L5	5002	2008/7/13	23:28:23	562	5363.00	8.469	0.040	-0.022	5551.794	982006.364	0.96	1.92
Walt L5	5003	2008/7/13	23:34:43	562	5363.00	7.644	0.040	-0.024	5550.969	982005.539	1.06	1.95
Walt L5	5004	2008/7/13	23:39:34	562	5363.00	5.190	0.040	-0.025	5548.514	982003.085	1.17	1.96
Walt L5	5005	2008/7/13	23:44:25	562	5363.00	1.342	0.040	-0.027	5544.667	981999.237	1.26	1.99
Walt L5	5006	2008/7/13	23:48:49	562	5363.00	-1.515	0.040	-0.028	5541.810	981996.381	1.36	2.05
Walt L5	5007	2008/7/13	23:53:13	562	5363.00	-3.886	0.040	-0.030	5539.439	981994.010	1.50	2.09
Walt L5	5008	2008/7/13	23:57:33	562	5363.00	-5.456	0.040	-0.031	5537.869	981992.440	1.63	2.13
Walt L5	5009	2008/7/13	00:02:21	562	5363.00	-6.231	0.040	-0.032	5537.094	981991.666	1.75	2.19

Walt L5	5011	2008/7/13	00:11:41	562	5363.00	-7.170	0.040	-0.045	5536.155	981990.727	1.95	2.17
Walt L5	5012	2008/7/13	00:17:20	562	5363.00	-7.088	0.040	-0.047	5536.237	981990.809	2.06	2.16
Walt L5	5013	2008/7/13	00:22:58	562	5363.00	-6.716	0.040	-0.048	5536.609	981991.181	2.16	2.13
Walt L5	5014	2008/7/13	00:28:36	562	5363.00	-6.343	0.040	-0.049	5536.982	981991.555	2.21	2.10
Walt L5	5015	2008/7/13	00:34:57	562	5363.00	-5.646	0.040	-0.050	5537.679	981992.252	2.24	2.06
Walt L5	5016	2008/7/13	00:40:54	562	5363.00	-6.277	0.040	-0.052	5537.048	981991.621	2.26	2.08
Walt L5	5017	2008/7/13	00:52:48	562	5363.00	-5.920	0.040	-0.054	5537.405	981991.979	2.26	2.07
Walt L5	5018	2008/7/13	00:59:56	562	5363.00	-4.583	0.040	-0.056	5538.742	981993.316	2.27	2.03
Walt L5	5019	2008/7/13	01:05:03	562	5363.00	-3.778	0.040	-0.057	5539.547	981994.121	2.31	2.03
Walt L5	5020	2008/7/13	01:10:25	562	5363.00	-3.435	0.040	-0.058	5539.890	981994.464	2.35	2.03
Walt L5	5021	2008/7/13	01:15:30	562	5363.00	-3.383	0.040	-0.059	5539.942	981994.517	2.33	2.04
Walt L5	5022	2008/7/13	01:25:43	562	5363.00	-6.618	0.040	-0.060	5536.707	981991.282	2.21	2.05
Walt L5	5023	2008/7/13	01:31:12	562	5363.00	-7.951	0.040	-0.062	5535.374	981989.950	2.12	2.06
Walt L5	5024	2008/7/13	01:36:48	562	5363.00	-9.100	0.040	-0.062	5534.225	981988.801	2.12	2.07
Walt L5	5025	2008/7/13	01:41:56	562	5363.00	-10.499	0.040	-0.063	5532.826	981987.402	2.17	2.08
Walt L5	5026	2008/7/13	01:46:58	562	5363.00	-11.197	0.040	-0.064	5532.128	981986.704	2.24	2.10
Walt L5	5027	2008/7/13	01:51:20	562	5363.00	-10.602	0.040	-0.065	5532.723	981987.300	2.26	2.10
Walt L5	5028	2008/7/13	01:55:09	562	5363.00	-11.654	0.040	-0.065	5531.671	981986.248	2.20	2.12
Walt L5	5029	2008/7/13	02:00:36	562	5363.00	-12.261	0.040	-0.066	5531.064	981985.641	2.10	2.13
Walt L5	5030	2008/7/13	02:04:33	562	5363.00	-12.033	0.040	-0.067	5531.292	981985.869	2.03	2.15
MOR1	1002	2008/7/15	18:42:58	562	5115.00	-45.922	0.040	0.075	5241.284	981933.938		
MOR1	1003	2008/7/15	18:55:25	562	5115.00	-45.291	0.040	0.077	5241.914	981934.570		
MOR1	1004	2008/7/15	19:03:08	562	5115.00	-41.015	0.040	0.078	5246.190	981938.846		
MOR1	1005	2008/7/15	19:10:30	562	5115.00	-38.303	0.040	0.078	5248.902	981941.559		
MOR1	1006	2008/7/15	19:18:05	562	5115.00	-37.484	0.040	0.079	5249.721	981942.378		
MOR1	1007	2008/7/15	19:24:43	562	5115.00	-37.655	0.040	0.079	5249.550	981942.207		
MOR1	1008	2008/7/15	19:39:14	562	5115.00	-37.915	0.040	0.079	5249.290	981941.949		
MOR1	1009	2008/7/15	19:58:59	562	5115.00	-38.773	0.040	0.078	5248.432	981941.093		
MOR1	1010	2008/7/15	20:11:03	562	5115.00	-40.934	0.040	0.077	5246.271	981938.933		
MOR1	1011	2008/7/15	20:20:06	562	5115.00	-43.128	0.040	0.076	5244.077	981936.740		
MOR1	1012	2008/7/15	20:30:32	562	5115.00	-43.356	0.040	0.074	5243.849	981936.513		
MOR1	1013	2008/7/15	20:55:40	562	5115.00	-44.386	0.040	0.069	5242.819	981935.485		
MOR1	1014	2008/7/15	21:05:00	562	5115.00	-43.349	0.040	0.067	5243.856	981936.523		
MOR1	1015	2008/7/15	21:15:08	562	5115.00	-40.248	0.040	0.064	5246.957	981939.624		
MOR1	1016	2008/7/15	21:30:40	562	5115.00	-37.759	0.040	0.060	5249.446	981942.115		
MOR2	2002	2008/7/16	20:22:26	562	5115.00	-32.259	0.040	0.081	5254.946	981947.603		
MOR2	2003	2008/7/16	20:34:09	562	5115.00	-33.566	0.040	0.080	5253.639	981946.296		
MOR2	2004	2008/7/16	20:43:46	562	5115.00	-37.057	0.040	0.079	5250.148	981942.804		
MOR2	2005	2008/7/16	20:50:22	562	5115.00	-37.184	0.040	0.078	5250.021	981942.677		
MOR2	2006	2008/7/16	21:02:56	562	5115.00	-39.707	0.040	0.076	5247.498	981940.154		
MOR2	2007	2008/7/16	21:11:00	562	5115.00	-38.271	0.040	0.075	5248.934	981941.590		
MOR2	2008	2008/7/16	21:19:11	562	5115.00	-37.608	0.040	0.073	5249.597	981942.252		
MOR2	2009	2008/7/16	21:29:33	562	5115.00	-36.221	0.040	0.070	5250.984	981943.639		
MOR2	2010	2008/7/16	21:37:05	562	5115.00	-35.903	0.040	0.068	5251.302	981943.956		
MOR2	2011	2008/7/16	21:50:28	562	5115.00	-36.555	0.040	0.065	5250.650	981943.304		
MOR2	2012	2008/7/16	21:55:52	562	5115.00	-36.593	0.040	0.063	5250.612	981943.266		
MOR2	2013	2008/7/16	22:04:21	562	5115.00	-34.771	0.040	0.060	5252.434	981945.087		
MOR3	3002	2008/7/16	15:50:36	562	5115.00	-65.128	0.040	0.001	5222.078	981914.745		
MOR3	3003	2008/7/16	15:57:45	562	5115.00	-66.213	0.040	0.004	5220.992	981913.659		
MOR3	3004	2008/7/16	16:04:30	562	5115.00	-65.438	0.040	0.007	5221.767	981914.434		
MOR3	3005	2008/7/16	16:10:18	562	5115.00	-64.939	0.040	0.010	5222.266	981914.933		
MOR3	3006	2008/7/16	16:17:51	562	5115.00	-64.525	0.040	0.013	5222.680	981915.346		
MOR3	3007	2008/7/16	16:22:40	562	5115.00	-66.237	0.040	0.016	5220.968	981913.634		
MOR3	3008	2008/7/16	16:28:55	562	5115.00	-68.932	0.040	0.019	5218.273	981910.939		
MOR3	3009	2008/7/16	16:36:08	562	5115.00	-71.497	0.040	0.022	5215.708	981908.373		
MOR3	3010	2008/7/16	16:41:31	562	5115.00	-74.900	0.040	0.025	5212.305	981904.970		
MOR3	3011	2008/7/16	16:48:00	562	5115.00	-82.192	0.040	0.028	5205.013	981897.679		
MOR3	3012	2008/7/16	16:54:50	562	5115.00	-82.061	0.040	0.030	5205.144	981897.809		
MOR4	4002	2008/7/17	15:33:50	562	5115.00	-67.112	0.040	-0.028	5220.093	981912.752		
MOR4	4003	2008/7/17	15:39:12	562	5115.00	-66.394	0.040	-0.025	5220.811	981913.471		
MOR4	4004	2008/7/17	15:43:30	562	5115.00	-65.755	0.040	-0.023	5221.450	981914.109		
MOR4	4005	2008/7/17	15:55:58	562	5115.00	-66.692	0.040	-0.018	5220.513	981913.173		
MOR5	5014	2008/7/17	17:26:58	562	5115.00	-66.388	0.040	0.025	5220.817	981913.477		
MOR5	5013	2008/7/17	17:22:51	562	5115.00	-65.732	0.040	0.023	5221.473	981914.132		
MOR5	5012	2008/7/17	17:17:02	562	5115.00	-65.260	0.040	0.021	5221.945	981914.605		
MOR5	5011	2008/7/17	17:12:29	562	5115.00	-64.607	0.040	0.019	5222.599	981915.258		
MOR5	5010	2008/7/17	17:07:29	562	5115.00	-63.767	0.040	0.016	5223.438	981916.097		
MOR5	5009	2008/7/17	17:02:55	562	5115.00	-64.808	0.040	0.014	5222.397	981915.056		
MOR5	5008	2008/7/17	16:58:35	562	5115.00	-65.475	0.040	0.012	5221.730	981914.389		
MOR5	5007	2008/7/17	16:53:30	562	5115.00	-66.062	0.040	0.010	5221.143	981913.802		
MOR5	5006	2008/7/17	16:45:21	562	5115.00	-66.524	0.040	0.006	5220.681	981913.340		
MOR5	5005	2008/7/17	16:38:21	562	5115.00	-65.833	0.040	0.002	5221.372	981914.031		
MOR5	5004	2008/7/17	16:31:11	562	5115.00	-65.595	0.040	-0.001	5221.610	981914.269		
MOR5	5003	2008/7/17	16:22:58	562	5115.00	-65.070	0.040	-0.005	5222.135	981914.795		
MOR5	5002	2008/7/17	16:14:08	562	5115.00	-67.346	0.040	-0.009	5219.859	981912.519		

total TC	NIMA 1998 Theoretical	Elevation	UTM8 Easting	NAD83 Northing	Latitude	Longitude	BG @2.30	BG @2.50	BG @2.67
5.95	982249.73	1432.87	619759.71	7147402.14	64.4311	-132.5127	24.58	13.16	3.45
5.81	982249.74	1426.26	619765.20	7147423.33	64.4313	-132.5125	24.50	13.12	3.44
5.72	982249.75	1416.89	619783.90	7147428.97	64.4314	-132.5121	24.45	13.14	3.53
5.61	982249.75	1407.46	619802.91	7147442.08	64.4315	-132.5117	24.43	13.18	3.63
5.55	982249.76	1398.46	619821.81	7147455.15	64.4316	-132.5113	24.32	13.15	3.65
5.55	982249.77	1392.13	619832.50	7147467.09	64.4317	-132.5111	24.30	13.18	3.73
5.47	982249.78	1379.37	619849.95	7147480.53	64.4318	-132.5107	24.14	13.12	3.75
5.42	982249.78	1376.70	619868.35	7147486.01	64.4318	-132.5103	23.98	12.97	3.62
5.32	982249.79	1370.75	619882.95	7147497.32	64.4319	-132.5100	23.75	12.78	3.47
5.25	982249.80	1362.06	619902.47	7147511.19	64.4320	132.5096	23.47	12.57	3.31
5.22	982249.81	1354.40	619919.40	7147522.60	64.4321	-132.5092	23.30	12.46	3.25
5.20	982249.81	1347.57	619935.22	7147531.86	64.4322	-132.5089	23.14	12.36	3.20
5.18	982249.82	1338.73	619952.28	7147544.19	64.4323	-132.5085	22.94	12.23	3.13
5.13	982249.83	1330.22	619969.51	7147553.40	64.4324	-132.5082	22.76	12.12	3.08
5.22	982249.81	1334.69	619983.51	7147533.53	64.4322	-132.5079	22.90	12.23	3.16
5.18	982249.82	1328.44	620001.12	7147536.20	64.4322	-132.5075	22.75	12.13	3.10
6.03	982249.71	1430.80	619776.39	7147371.44	64.4308	-132.5123	24.46	13.07	3.38
5.97	982249.71	1425.28	619794.23	7147381.14	64.4309	-132.5120	24.38	13.02	3.37
5.91	982249.72	1419.01	619812.05	7147390.86	64.4310	-132.5116	24.32	13.01	3.40
5.86	982249.73	1412.90	619827.38	7147402.12	64.4311	-132.5113	24.29	13.02	3.45
5.89	982249.73	1411.60	619846.75	7147411.55	64.4312	-132.5108	24.21	12.96	3.40
5.91	982249.74	1407.66	619863.42	7147421.88	64.4313	-132.5105	24.21	12.99	3.46
5.93	982249.74	1403.15	619879.71	7147429.86	64.4313	-132.5101	24.19	13.01	3.51
5.85	982249.75	1395.12	619894.50	7147442.84	64.4314	-132.5098	24.22	13.11	3.66
5.80	982249.76	1386.62	619913.71	7147452.36	64.4315	-132.5094	24.10	13.05	3.66
5.74	982249.77	1378.46	619932.13	7147462.67	64.4316	-132.5090	23.96	12.98	3.64
5.66	982249.77	1371.54	619949.94	7147471.34	64.4317	-132.5087	23.83	12.89	3.60
5.55	982249.78	1364.86	619964.05	7147480.32	64.4318	-132.5084	23.52	12.63	3.37
5.39	982249.79	1353.66	619982.79	7147490.68	64.4318	-132.5080	23.29	12.47	3.28
5.31	982249.79	1342.84	620003.57	7147498.53	64.4319	-132.5075	23.15	12.42	3.30
5.24	982249.80	1333.53	620016.92	7147511.40	64.4320	-132.5072	22.90	12.24	3.18
6.21	982249.72	1416.61	619876.96	7147395.94	64.4310	-132.5102	24.30	13.04	3.48
6.18	982249.73	1414.01	619885.73	7147401.06	64.4311	-132.5100	24.28	13.04	3.48
6.17	982249.73	1411.50	619893.29	7147405.49	64.4311	-132.5099	24.26	13.04	3.51
6.15	982249.73	1408.18	619902.84	7147410.61	64.4311	-132.5097	24.26	13.07	3.56
6.13	982249.73	1405.48	619910.94	7147415.03	64.4312	-132.5095	24.27	13.10	3.60
6.09	982249.74	1402.90	619918.71	7147421.24	64.4312	-132.5093	24.21	13.06	3.57
6.05	982249.74	1397.98	619927.45	7147427.25	64.4313	-132.5092	24.14	13.02	3.57
6.04	982249.74	1395.04	619934.70	7147430.02	64.4313	-132.5090	24.08	12.99	3.56
6.07	982249.74	1393.79	619943.20	7147427.75	64.4313	-132.5088	24.19	13.11	3.70
5.92	982249.75	1384.49	619953.13	7147441.49	64.4314	-132.5086	24.06	13.04	3.67
6.30	982249.68	1419.93	619810.72	7147322.20	64.4304	-132.5117	24.52	13.24	3.66
6.43	982249.68	1427.40	619824.16	7147331.97	64.4305	-132.5114	24.48	13.15	3.52
6.50	982249.69	1429.27	619841.78	7147341.73	64.4306	-132.5110	24.54	13.20	3.57
6.50	982249.69	1428.16	619858.60	7147351.26	64.4306	-132.5106	24.54	13.21	3.58
6.48	982249.70	1425.33	619875.94	7147361.51	64.4307	-132.5103	24.50	13.20	3.59
6.45	982249.71	1421.21	619894.69	7147372.36	64.4308	-132.5099	24.35	13.08	3.49
6.39	982249.71	1415.18	619910.80	7147381.29	64.4309	-132.5095	24.41	13.18	3.63
6.30	982249.72	1408.30	619928.98	7147391.98	64.4310	-132.5092	24.54	13.36	3.86
6.23	982249.73	1403.25	619947.17	7147402.19	64.4311	-132.5088	24.39	13.24	3.77
6.22	982249.73	1399.82	619963.31	7147410.56	64.4311	-132.5084	24.14	13.02	3.57
6.13	982249.74	1389.75	619984.14	7147421.03	64.4312	-132.5080	23.94	12.90	3.51
5.95	982249.75	1378.74	619997.98	7147433.16	64.4313	-132.5077	23.91	12.94	3.62
5.84	982249.75	1373.45	620010.30	7147438.46	64.4314	-132.5074	23.72	12.79	3.50
5.62	982249.76	1360.79	620030.70	7147451.84	64.4315	-132.5070	23.43	12.58	3.35
5.37	982249.77	1351.27	620049.75	7147461.91	64.4316	-132.5066	23.07	12.27	3.10
6.63	982249.70	1425.20	619878.99	7147360.46	64.4307	-132.5102	24.64	13.35	3.75
6.48	982249.70	1421.91	619897.23	7147369.81	64.4308	-132.5098	24.33	13.05	3.47
6.41	982249.71	1414.79	619914.23	7147378.93	64.4309	-132.5095	24.39	13.17	3.63
6.32	982249.72	1408.84	619930.01	7147389.37	64.4309	-132.5091	24.53	13.35	3.85
6.65	982249.68	1425.45	619892.84	7147336.66	64.4305	-132.5099	24.57	13.28	3.68
6.62	982249.69	1423.84	619902.56	7147341.86	64.4305	-132.5097	24.52	13.24	3.65
6.59	982249.69	1422.63	619910.66	7147346.46	64.4306	-132.5096	24.45	13.18	3.60
6.56	982249.69	1420.62	619919.22	7147352.00	64.4306	-132.5094	24.41	13.15	3.59
6.50	982249.70	1417.72	619929.07	7147356.62	64.4307	-132.5092	24.40	13.16	3.60
6.36	982249.70	1410.98	619945.51	7147366.72	64.4307	-132.5088	24.39	13.19	3.67
6.31	982249.71	1407.90	619954.46	7147371.67	64.4308	-132.5086	24.43	13.25	3.75
6.32	982249.71	1407.39	619962.77	7147376.33	64.4308	-132.5085	24.43	13.26	3.77
6.33	982249.71	1407.45	619970.44	7147382.03	64.4309	-132.5083	24.32	13.15	3.65
6.41	982249.65	1403.18	619843.08	7147272.67	64.4299	-132.5110	24.29	13.16	3.71
6.68	982249.65	1418.79	619861.09	7147285.12	64.4300	-132.5107	24.41	13.18	3.64
6.81	982249.66	1423.70	619877.66	7147292.93	64.4301	-132.5103	24.54	13.28	3.71
6.87	982249.66	1426.18	619896.07	7147302.73	64.4302	-132.5099	24.56	13.29	3.71
6.85	982249.66	1425.60	619905.53	7147307.38	64.4302	-132.5097	24.56	13.29	3.71
6.81	982249.67	1424.63	619913.62	7147313.23	64.4303	-132.5095	24.57	13.31	3.73
6.77	982249.67	1423.11	619922.37	7147313.98	64.4303	-132.5094	24.54	13.28	3.72
6.70	982249.67	1421.03	619929.62	7147323.06	64.4304	-132.5092	24.53	13.28	3.72
6.69	982249.67	1421.03	619929.62	7147323.06	64.4304	-132.5092	24.53	13.28	3.72
6.64	982249.68	1419.21	619939.08	7147326.70	64.4304	-132.5090	24.54	13.30	3.75
6.58	982249.68	1417.14	619946.53	7147332.63	64.4304	-132.5088	24.51	13.28	3.74
6.51	982249.68	1413.92	619956.83	7147335.59	64.4305	-132.5086	24.43	13.23	3.70
6.43	982249.69	1410.47	619962.52	7147344.30	64.4305	-132.5085	24.38	13.20	3.69
6.38	982249.69	1407.37	619975.78	7147346.81	64.4305	-132.5082	24.50	13.34	3.85
6.36	982249.69	1406.67	619983.03	7147354.37	64.4306	-132.5081	24.49	13.33	3.85
6.33	982249.70	1402.67	619999.25	7147364.04	64.4307	-132.5077	24.41	13.28	3.82

6.38	982249.71	1398.67	620037.34	7147382.14	64.4308	-132.5069	23.73	12.64	3.21
6.15	982249.72	1386.39	620052.21	7147392.03	64.4309	-132.5066	23.63	12.62	3.26
5.95	982249.72	1379.46	620070.46	7147394.79	64.4309	-132.5062	23.43	12.46	3.13
5.71	982249.73	1367.57	620087.24	7147412.82	64.4311	-132.5059	23.19	12.29	3.03
6.57	982249.61	1389.40	619865.36	7147216.98	64.4294	-132.5106	23.35	12.35	3.01
6.75	982249.62	1400.01	619880.56	7147225.80	64.4295	-132.5103	24.05	12.99	3.58
6.92	982249.62	1410.23	619898.78	7147236.21	64.4296	-132.5099	24.17	13.03	3.57
6.98	982249.63	1413.59	619917.44	7147245.71	64.4297	-132.5095	24.42	13.27	3.78
7.01	982249.63	1416.72	619933.71	7147257.76	64.4298	-132.5092	24.46	13.28	3.78
6.99	982249.64	1416.65	619952.65	7147269.26	64.4299	-132.5088	24.57	13.39	3.89
6.96	982249.64	1415.49	619969.15	7147275.96	64.4299	-132.5084	24.56	13.38	3.88
6.86	982249.65	1412.64	619985.54	7147285.52	64.4300	-132.5081	24.52	13.35	3.87
6.71	982249.66	1408.33	620003.94	7147298.02	64.4301	-132.5077	24.44	13.30	3.83
6.66	982249.66	1408.33	620003.94	7147298.02	64.4301	-132.5077	24.41	13.27	3.80
6.40	982249.67	1399.30	620038.02	7147317.48	64.4303	-132.5070	24.08	12.99	3.55
6.27	982249.68	1395.16	620052.96	7147326.19	64.4303	-132.5066	23.91	12.84	3.42
6.19	982249.68	1389.93	620074.49	7147337.63	64.4304	-132.5062	23.89	12.85	3.47
6.22	982249.69	1387.89	620091.27	7147347.74	64.4305	-132.5058	23.87	12.86	3.49
6.26	982249.69	1387.59	620108.25	7147356.43	64.4306	-132.5055	23.66	12.65	3.30
6.22	982249.70	1382.98	620124.36	7147367.96	64.4307	-132.5051	23.35	12.38	3.05
7.01	982249.56	1358.64	619913.76	7147134.96	64.4287	-132.5097	23.63	12.94	3.85
7.25	982249.57	1373.57	619932.30	7147147.76	64.4288	-132.5093	23.90	13.11	3.93
7.44	982249.57	1384.08	619947.01	7147158.33	64.4289	-132.5090	23.87	13.01	3.78
7.58	982249.58	1394.21	619965.47	7147170.73	64.4290	-132.5086	23.80	12.87	3.58
7.49	982249.59	1393.03	619981.13	7147180.33	64.4291	-132.5082	23.87	12.94	3.65
7.27	982249.59	1387.86	620000.73	7147192.12	64.4292	-132.5078	23.97	13.06	3.79
7.20	982249.60	1388.69	620016.40	7147198.51	64.4292	-132.5075	23.86	12.94	3.65
7.28	982249.60	1393.38	620029.38	7147205.79	64.4293	-132.5072	23.80	12.84	3.53
7.27	982249.60	1393.38	620029.38	7147205.79	64.4293	-132.5072	23.81	12.85	3.53
7.14	982249.61	1393.04	620050.02	7147217.31	64.4294	-132.5068	23.83	12.86	3.54
6.99	982249.61	1390.77	620067.86	7147229.21	64.4295	-132.5064	23.80	12.84	3.52
6.74	982249.62	1384.63	620082.91	7147236.94	64.4295	-132.5061	23.80	12.86	3.56
6.45	982249.63	1375.64	620101.84	7147249.78	64.4296	-132.5057	23.92	13.03	3.77
6.30	982249.63	1372.57	620116.19	7147260.58	64.4297	-132.5054	23.90	13.02	3.77
6.24	982249.64	1368.55	620135.67	7147266.91	64.4298	-132.5050	23.91	13.05	3.83
6.25	982249.64	1367.21	620155.30	7147274.03	64.4298	-132.5046	23.83	12.99	3.77
7.78	982249.53	1350.34	619943.32	7147088.19	64.4282	-132.5091	23.69	13.15	4.18
7.81	982249.54	1357.68	619960.25	7147095.15	64.4283	-132.5087	23.82	13.21	4.20
7.68	982249.54	1362.17	619978.03	7147106.22	64.4284	-132.5084	23.73	13.07	4.01
7.39	982249.55	1358.68	619995.65	7147117.68	64.4285	-132.5080	23.60	12.94	3.89
7.13	982249.56	1353.50	620011.15	7147130.47	64.4286	-132.5077	23.58	12.94	3.90
6.90	982249.56	1343.90	620032.34	7147140.36	64.4287	-132.5072	23.43	12.85	3.86
6.90	982249.57	1352.28	620049.91	7147149.27	64.4288	-132.5068	23.37	12.72	3.67
7.05	982249.57	1363.82	620064.84	7147157.15	64.4288	-132.5065	23.26	12.53	3.40
7.19	982249.58	1367.91	620081.81	7147169.78	64.4289	-132.5062	23.53	12.78	3.64
7.07	982249.58	1364.65	620099.15	7147176.42	64.4290	-132.5058	23.56	12.82	3.70
6.77	982249.59	1360.79	620117.16	7147186.86	64.4291	-132.5054	23.43	12.69	3.57
6.56	982249.59	1355.52	620133.72	7147196.07	64.4291	-132.5051	23.45	12.74	3.63
6.45	982249.60	1352.48	620151.91	7147207.22	64.4292	-132.5047	23.53	12.83	3.74
6.33	982249.61	1348.85	620168.81	7147215.95	64.4293	-132.5043	23.52	12.84	3.76
6.37	982249.61	1347.79	620184.43	7147225.52	64.4294	-132.5040	23.65	12.99	3.92
6.62	982249.67	1358.88	620293.87	7147325.09	64.4302	-132.5016	26.66	15.93	6.81
6.42	982249.70	1427.35	619861.56	7147369.52	64.4308	-132.5106	24.36	13.04	3.41
6.42	982249.70	1427.35	619861.56	7147369.52	64.4308	-132.5106	24.37	13.04	3.41
6.42	982249.70	1427.35	619861.56	7147369.52	64.4308	-132.5106	24.38	13.05	3.42
6.42	982249.70	1427.35	619861.56	7147369.52	64.4308	-132.5106	24.41	13.08	3.45
6.42	982249.70	1427.35	619861.56	7147369.52	64.4308	-132.5106	24.41	13.08	3.46
7.38	982249.59	1330.91	620300.78	7147189.89	64.4290	-132.5016	23.51	13.09	4.23
6.68	982249.78	1467.06	619619.14	7147490.57	64.4320	-132.5155	25.25	13.62	3.73
6.31	982250.01	1124.63	620222.44	7147823.03	64.4347	-132.5027	17.27	8.47	0.99
6.99	982249.58	1372.91	620048.03	7147177.30	64.4290	-132.5069	23.53	12.72	3.53
7.04	982249.59	1380.02	620041.18	7147187.82	64.4291	-132.5070	23.62	12.75	3.51
7.30	982249.61	1402.49	620019.96	7147223.66	64.4294	-132.5074	24.02	12.98	3.61
7.29	982249.62	1407.93	620008.04	7147240.11	64.4296	-132.5076	24.32	13.24	3.83
7.14	982249.63	1410.44	619998.15	7147256.84	64.4297	-132.5078	24.46	13.34	3.90
6.96	982249.64	1412.01	619988.17	7147274.87	64.4299	-132.5080	24.53	13.39	3.91
6.83	982249.65	1413.68	619978.86	7147291.91	64.4301	-132.5082	24.49	13.31	3.82
6.72	982249.66	1414.98	619968.98	7147308.20	64.4302	-132.5084	24.47	13.27	3.76
6.61	982249.68	1415.19	619957.81	7147326.40	64.4304	-132.5086	24.46	13.25	3.72
6.52	982249.69	1415.48	619947.46	7147343.82	64.4305	-132.5088	24.47	13.25	3.71
6.42	982249.70	1413.58	619937.51	7147362.84	64.4307	-132.5090	24.38	13.17	3.64
6.42	982249.70	1413.58	619937.51	7147362.84	64.4307	-132.5090	24.41	13.20	3.67
6.38	982249.71	1412.84	619927.11	7147376.45	64.4308	-132.5092	24.39	13.18	3.65
6.25	982249.72	1409.46	619918.05	7147395.51	64.4310	-132.5094	24.39	13.19	3.68
6.12	982249.73	1406.50	619908.27	7147412.87	64.4312	-132.5096	24.26	13.08	3.58
5.98	982249.74	1400.91	619898.32	7147428.11	64.4313	-132.5098	24.27	13.12	3.65
5.79	982249.76	1394.26	619886.01	7147447.61	64.4315	-132.5100	24.23	13.11	3.67
5.61	982249.77	1387.27	619877.86	7147465.49	64.4316	-132.5102	24.13	13.05	3.64
5.75	982249.68	1395.93	624085.43	7147489.18	64.4303	-132.4228	21.95	10.82	1.36
5.75	982249.68	1395.93	624085.43	7147489.18	64.4303	-132.4228	21.96	10.83	1.37
3.29	982249.56	1246.34	623889.11	7147276.19	64.4285	-132.4271	19.80	9.68	1.07
3.15	982249.57	1239.32	623883.42	7147291.87	64.4287	-132.4272	19.53	9.46	0.89
3.15	982249.59	1234.69	623872.94	7147313.92	64.4289	-132.4274	19.20	9.16	0.63
3.18	982249.60	1235.88	623867.81	7147329.60	64.4290	-132.4275	19.01	8.97	0.43
3.20	982249.61	1230.80	623854.17	7147346.84	64.4292	-132.4278	18.82	8.81	0.31
3.22	982249.62	1227.46	623840.45	7147360.52	64.4293	-132.4280	18.69	8.72	0.25
3.23	982249.63	1231.24	623833.67	7147382.44	64.4295	-132.4282	18.64	8.63	0.13
3.23	982249.64	1233.37	623826.97	7147398.82	64.4296	-132.4283	18.66	8.64	0.12
3.24	982249.65	1234.07	623815.31	7147416.27	64.4298	-132.4285	18.75	8.73	0.21
3.24	982249.66	1238.44	623805.56	7147434.75	64.4300	-132.4287	18.94	8.88	0.32
3.23	982249.67	1242.00	623795.21	7147450.92	64.4301	-132.4289	19.14	9.05	0.47
3.23	982249.68	1248.87	623791.74	7147466.77	64.4303	-132.4290	19.31	9.16	0.53
3.23	982249.70	1249.73	623779.16	7147489.54	64.4305	-132.4292	19.44	9.28	0.65
3.22	982249.71	1245.83	623770.50	7147500.33	64.4306	-132.4294	19.40	9.27	0.67
3.18	982249.72	1242.26	623760.20	7147521.73	64.4308	-132.4296	19.41	9.31	0.73

3.04	982249.75	1230.08	623732.50	7147573.14	64.4312	-132.4301	19.40	9.39	0.88
4.07	982249.55	1290.44	624121.27	7147269.91	64.4284	-132.4223	20.74	10.33	1.48
4.11	982249.56	1302.74	624112.81	7147289.53	64.4286	-132.4225	20.78	10.27	1.33
4.35	982249.57	1317.78	624105.47	7147310.89	64.4287	-132.4226	21.06	10.44	1.42
4.52	982249.58	1323.24	624094.34	7147323.43	64.4289	-132.4228	21.18	10.54	1.49
4.67	982249.59	1330.29	624085.70	7147340.62	64.4290	-132.4230	21.31	10.62	1.54
4.81	982249.60	1336.74	624074.30	7147359.36	64.4292	-132.4232	21.39	10.66	1.54
4.93	982249.61	1342.30	624066.31	7147377.66	64.4294	-132.4233	21.49	10.73	1.58
5.03	982249.62	1348.27	624052.22	7147398.01	64.4296	-132.4236	21.48	10.67	1.49
5.16	982249.63	1353.32	624046.54	7147409.21	64.4297	-132.4237	21.55	10.71	1.51
5.36	982249.64	1363.23	624037.61	7147427.11	64.4298	-132.4239	21.47	10.57	1.31
5.50	982249.65	1368.57	624027.62	7147446.48	64.4300	-132.4241	21.42	10.49	1.20
5.53	982249.67	1370.62	624017.29	7147464.56	64.4302	-132.4243	21.38	10.44	1.14
5.49	982249.68	1370.19	624009.01	7147481.18	64.4303	-132.4244	21.37	10.43	1.13
5.33	982249.69	1362.97	623994.02	7147498.37	64.4305	-132.4247	21.45	10.56	1.30
5.20	982249.70	1358.62	623986.70	7147513.68	64.4306	-132.4249	21.48	10.60	1.36
5.04	982249.71	1351.73	623978.37	7147531.25	64.4308	-132.4250	21.54	10.71	1.50
4.85	982249.72	1344.59	623970.10	7147551.92	64.4310	-132.4252	21.45	10.66	1.49
4.59	982249.74	1333.61	623958.74	7147571.13	64.4311	-132.4254	21.43	10.71	1.59
4.40	982249.75	1326.34	623950.70	7147584.04	64.4313	-132.4256	21.29	10.61	1.53
4.19	982249.76	1313.74	623935.54	7147608.77	64.4315	-132.4259	21.00	10.40	1.40
4.07	982249.78	1303.35	623927.80	7147625.88	64.4316	-132.4260	20.91	10.38	1.44
3.95	982249.79	1293.26	623917.71	7147640.97	64.4318	-132.4262	20.78	10.33	1.44
3.85	982249.79	1286.18	623911.00	7147652.45	64.4319	-132.4263	20.63	10.23	1.39
3.72	982249.81	1271.51	623896.30	7147674.90	64.4321	-132.4266	20.42	10.13	1.38
3.65	982249.82	1263.60	623892.94	7147689.36	64.4322	-132.4267	20.21	9.98	1.28
3.65	982249.82	1263.60	623892.94	7147689.36	64.4322	-132.4267	20.22	9.99	1.29
3.53	982249.84	1249.51	623883.74	7147711.18	64.4324	-132.4268	20.05	9.92	1.32
4.85	982249.67	1401.29	624233.00	7147482.49	64.4302	-132.4198	22.49	11.22	1.64
4.87	982249.68	1402.12	624220.36	7147499.01	64.4304	-132.4200	22.50	11.23	1.65
4.90	982249.69	1403.64	624211.22	7147516.09	64.4306	-132.4202	22.34	11.06	1.47
4.85	982249.70	1402.67	624203.91	7147535.92	64.4307	-132.4204	22.20	10.92	1.34
4.84	982249.71	1400.11	624194.35	7147552.52	64.4309	-132.4205	22.08	10.82	1.26
4.85	982249.73	1393.43	624186.54	7147572.63	64.4311	-132.4207	22.04	10.84	1.31
4.88	982249.74	1386.38	624174.52	7147586.88	64.4312	-132.4209	22.06	10.92	1.45
4.85	982249.75	1375.28	624163.35	7147604.16	64.4314	-132.4211	22.21	11.17	1.77
4.80	982249.76	1365.48	624154.18	7147621.40	64.4315	-132.4213	22.12	11.15	1.82
4.74	982249.77	1352.97	624145.51	7147639.11	64.4317	-132.4215	22.12	11.25	2.01
4.69	982249.79	1341.70	624133.06	7147655.80	64.4318	-132.4217	22.03	11.25	2.09
4.61	982249.80	1328.19	624127.56	7147676.71	64.4320	-132.4218	21.83	11.16	2.08
4.61	982249.81	1316.72	624118.86	7147693.39	64.4322	-132.4220	21.74	11.16	2.16
4.58	982249.82	1304.97	624109.95	7147709.96	64.4323	-132.4222	21.66	11.17	2.26
4.44	982249.84	1290.99	624095.55	7147727.32	64.4325	-132.4224	21.32	10.94	2.12
4.31	982249.85	1280.86	624088.84	7147744.79	64.4326	-132.4226	21.09	10.78	2.02
4.27	982249.86	1267.81	624077.63	7147764.25	64.4328	-132.4228	20.79	10.58	1.91
4.22	982249.87	1258.13	624073.29	7147780.16	64.4330	-132.4229	20.51	10.38	1.77
4.02	982249.89	1245.81	624058.94	7147797.00	64.4331	-132.4231	20.17	10.12	1.59
3.01	982249.60	1205.67	623763.60	7147326.23	64.4290	-132.4297	18.68	8.87	0.53
2.97	982249.60	1215.77	623788.84	7147334.58	64.4291	-132.4291	18.95	9.05	0.63
3.01	982249.61	1219.04	623797.76	7147339.97	64.4291	-132.4289	19.03	9.11	0.68
3.12	982249.62	1220.42	623821.26	7147357.52	64.4293	-132.4284	18.72	8.80	0.36
3.23	982249.62	1225.60	623836.58	7147358.88	64.4293	-132.4281	18.72	8.77	0.30
3.34	982249.62	1235.92	623854.78	7147372.11	64.4294	-132.4277	18.80	8.77	0.25
3.49	982249.63	1245.82	623869.81	7147380.27	64.4295	-132.4274	19.11	9.01	0.42
3.71	982249.63	1261.59	623892.27	7147390.17	64.4295	-132.4269	19.60	9.39	0.71
3.97	982249.63	1272.72	623906.63	7147397.56	64.4296	-132.4266	19.96	9.68	0.95
4.31	982249.64	1294.26	623924.64	7147411.40	64.4297	-132.4263	20.32	9.90	1.04
4.62	982249.64	1309.38	623949.77	7147409.26	64.4297	-132.4257	20.70	10.18	1.24
4.86	982249.65	1322.17	623958.65	7147426.54	64.4298	-132.4255	21.05	10.45	1.44
5.08	982249.65	1337.92	623975.38	7147437.43	64.4299	-132.4252	21.27	10.56	1.45
5.30	982249.66	1353.32	623998.26	7147444.94	64.4300	-132.4247	21.44	10.62	1.43
5.45	982249.66	1364.46	624013.33	7147452.75	64.4301	-132.4244	21.39	10.50	1.23
5.58	982249.67	1376.68	624027.75	7147465.45	64.4302	-132.4241	21.35	10.36	1.02
5.64	982249.67	1385.63	624048.37	7147474.82	64.4302	-132.4236	21.55	10.49	1.10
5.61	982249.68	1391.25	624068.73	7147485.93	64.4303	-132.4232	21.70	10.59	1.15
5.52	982249.68	1394.97	624083.36	7147496.66	64.4304	-132.4229	21.70	10.56	1.08
5.39	982249.69	1396.48	624099.70	7147508.02	64.4305	-132.4225	21.83	10.66	1.16
5.25	982249.69	1397.33	624121.92	7147515.22	64.4306	-132.4221	22.01	10.82	1.31
5.09	982249.70	1397.39	624152.83	7147532.94	64.4307	-132.4214	22.22	11.01	1.49
4.94	982249.71	1397.61	624171.99	7147544.09	64.4308	-132.4210	22.22	10.99	1.45
4.85	982249.72	1398.60	624188.48	7147554.02	64.4309	-132.4207	22.11	10.86	1.31
4.80	982249.72	1398.45	624212.66	7147570.41	64.4310	-132.4201	22.09	10.84	1.28
4.66	982249.73	1396.99	624239.80	7147582.47	64.4311	-132.4196	22.19	10.94	1.38
4.56	982249.74	1390.72	624269.44	7147596.28	64.4312	-132.4189	22.54	11.33	1.81
4.57	982249.75	1382.16	624292.06	7147612.35	64.4314	-132.4185	22.72	11.59	2.13
4.59	982249.76	1385.10	624321.16	7147623.11	64.4315	-132.4178	22.70	11.55	2.06
4.44	982249.77	1386.50	624346.79	7147640.95	64.4316	-132.4173	22.49	11.31	1.80
4.40	982249.77	1391.07	624371.41	7147653.94	64.4317	-132.4168	22.44	11.22	1.68
4.48	982249.78	1394.35	624395.81	7147664.01	64.4318	-132.4163	22.50	11.25	1.69
4.47	982249.79	1390.58	624425.56	7147685.90	64.4320	-132.4156	22.59	11.38	1.84
4.57	982249.80	1401.82	624452.01	7147697.43	64.4321	-132.4151	22.60	11.30	1.70
4.89	982249.81	1421.37	624483.04	7147711.48	64.4322	-132.4144	22.55	11.12	1.40
5.06	982249.81	1432.92	624506.38	7147722.80	64.4323	-132.4139	22.49	10.98	1.20
5.06	982249.82	1434.30	624529.39	7147737.55	64.4324	-132.4134	22.64	11.12	1.32
5.08	982249.83	1428.12	624555.06	7147753.54	64.4326	-132.4129	23.22	11.75	2.00
5.36	982249.84	1430.87	624580.05	7147765.13	64.4326	-132.4124	23.63	12.17	2.43
5.57	982249.84	1430.24	624603.71	7147779.87	64.4328	-132.4119	24.01	12.57	2.85
2.82	982249.71	1216.33	623671.92	7147499.48	64.4306	-132.4314	19.10	9.18	0.75
2.88	982249.72	1222.43	623695.08	7147508.90	64.4307	-132.4309	19.31	9.35	0.88
3.01	982249.73	1225.61	623724.16	7147526.11	64.4308	-132.4303	19.30	9.33	0.85
3.13	982249.73	1237.00	623748.14	7147540.62	64.4309	-132.4298	19.39	9.33	0.78
3.25	982249.74	1255.76	623775.45	7147553.05	64.4310	-132.4292	19.66	9.45	0.78
3.41	982249.75	1270.11	623804.42	7147570.33	64.4312	-132.4286	20.02	9.71	0.95
3.59	982249.75	1281.77	623833.18	7147584.85	64.4313	-132.4280	20.32	9.93	1.10
3.76	982249.76	1289.62	623860.00	7147598.76	64.4314	-132.4274	20.61	10.18	1.30
3.93	982249.77	1293.21	623884.57	7147611.47	64.4315	-132.4269	20.81	10.35	1.47

4.12	982249.79	1297.38	623931.28	7147642.24	64.4318	-132.4259	20.93	10.47	1.57
4.22	982249.80	1297.08	623963.56	7147656.45	64.4319	-132.4252	21.06	10.60	1.72
4.29	982249.80	1295.23	623988.63	7147671.18	64.4320	-132.4247	21.11	10.67	1.81
4.31	982249.81	1293.63	624014.90	7147685.08	64.4321	-132.4241	21.16	10.74	1.89
4.30	982249.82	1290.39	624043.53	7147703.08	64.4323	-132.4235	21.14	10.75	1.92
4.34	982249.83	1293.50	624067.89	7147711.64	64.4324	-132.4230	21.21	10.80	1.95
4.33	982249.85	1292.00	624127.06	7147743.71	64.4326	-132.4218	21.22	10.82	1.98
4.30	982249.86	1285.46	624161.52	7147770.01	64.4328	-132.4210	21.13	10.78	1.98
4.34	982249.87	1281.50	624197.10	7147786.90	64.4330	-132.4203	21.12	10.80	2.04
4.38	982249.88	1279.90	624233.26	7147800.84	64.4331	-132.4195	21.17	10.88	2.12
4.36	982249.89	1279.04	624274.02	7147820.35	64.4333	-132.4187	21.00	10.71	1.97
4.26	982249.90	1296.26	624307.14	7147837.48	64.4334	-132.4180	21.30	10.85	1.97
4.18	982249.91	1303.16	624337.48	7147857.00	64.4336	-132.4173	21.32	10.81	1.88
4.19	982249.93	1308.79	624375.76	7147883.37	64.4338	-132.4165	21.36	10.81	1.83
4.26	982249.94	1316.02	624410.57	7147901.91	64.4339	-132.4158	21.57	10.96	1.94
4.33	982249.95	1320.12	624447.09	7147916.77	64.4341	-132.4150	21.82	11.18	2.14
4.36	982249.96	1317.17	624478.88	7147939.11	64.4342	-132.4143	21.81	11.20	2.18
4.32	982249.97	1322.53	624515.07	7147957.75	64.4344	-132.4135	21.83	11.17	2.11
4.23	982249.98	1325.98	624550.41	7147976.10	64.4346	-132.4128	21.85	11.15	2.06
4.19	982249.99	1324.77	624584.09	7147993.86	64.4347	-132.4121	21.76	11.07	1.98
	981923.59	1165.46	6662230.17	661348.54	60.0654	-132.1010	257.62	247.84	239.54
	981923.56	1160.80	6662191.69	661321.93	60.0650	-132.1015	257.29	247.55	239.28
	981923.54	1142.49	6662162.90	661293.99	60.0648	-132.1020	257.70	248.11	239.97
	981923.50	1129.35	6662104.12	661284.74	60.0643	-132.1022	257.66	248.19	240.14
	981923.48	1125.77	6662070.34	661255.58	60.0640	-132.1027	257.74	248.30	240.28
	981923.45	1126.30	6662030.70	661228.53	60.0636	-132.1033	257.71	248.27	240.24
	981923.42	1127.30	6661977.28	661192.73	60.0632	-132.1039	257.70	248.25	240.21
	981923.39	1131.34	6661936.19	661174.31	60.0628	-132.1043	257.73	248.24	240.18
	981923.36	1141.52	6661895.07	661149.47	60.0624	-132.1048	257.76	248.19	240.05
	981923.33	1151.49	6661853.85	661123.88	60.0621	-132.1053	257.71	248.06	239.85
	981923.30	1152.73	6661808.28	661097.31	60.0617	-132.1058	257.78	248.11	239.90
	981923.27	1156.83	6661763.63	661071.75	60.0613	-132.1063	257.65	247.95	239.71
	981923.24	1149.97	6661724.74	661048.62	60.0610	-132.1067	257.26	247.62	239.42
	981923.21	1135.62	6661674.67	661019.09	60.0605	-132.1073	257.35	247.83	239.73
	981923.18	1124.29	6661635.93	660995.37	60.0602	-132.1078	257.46	248.04	240.02
	981923.06	1093.97	6661485.19	661473.22	60.0586	-132.0993	256.64	247.46	239.67
	981923.05	1100.61	6661459.69	661432.87	60.0584	-132.1000	256.76	247.53	239.68
	981923.03	1117.17	6661434.42	661387.09	60.0582	-132.1009	256.80	247.43	239.46
	981923.01	1118.71	6661408.34	661354.12	60.0580	-132.1015	257.01	247.63	239.66
	981922.99	1130.09	6661378.44	661302.45	60.0578	-132.1024	256.93	247.45	239.39
	981922.97	1123.95	6661345.46	661255.81	60.0575	-132.1033	257.08	247.65	239.64
	981922.96	1121.46	6661326.54	661211.87	60.0573	-132.1041	257.23	247.82	239.83
	981922.94	1114.28	6661292.77	661181.48	60.0570	-132.1047	257.11	247.77	239.82
	981922.92	1114.03	6661275.38	661135.61	60.0569	-132.1055	257.38	248.04	240.10
	981922.91	1117.05	6661246.47	661089.09	60.0567	-132.1064	257.39	248.02	240.06
	981922.88	1116.85	6661214.52	661048.61	60.0564	-132.1071	257.33	247.97	240.01
	981922.87	1108.67	6661190.26	661016.72	60.0562	-132.1077	257.44	248.14	240.24
	981925.06	1265.47	6664370.11	662099.55	60.0843	-132.0858	258.17	247.56	238.54
	981925.03	1270.07	6664325.36	662099.97	60.0839	-132.0858	258.09	247.44	238.39
	981924.99	1265.17	6664270.35	662104.59	60.0834	-132.0858	257.87	247.26	238.24
	981924.95	1261.28	6664220.29	662106.78	60.0829	-132.0858	257.57	247.00	238.01
	981924.92	1258.65	6664168.37	662110.01	60.0825	-132.0858	257.47	246.91	237.94
	981924.88	1266.74	6664123.62	662114.51	60.0821	-132.0857	257.50	246.88	237.85
	981924.84	1278.00	6664068.05	662118.50	60.0816	-132.0857	257.24	246.52	237.41
	981924.81	1288.49	6664018.29	662120.05	60.0811	-132.0857	256.93	246.13	236.94
	981924.77	1301.28	6663972.29	662125.06	60.0807	-132.0856	256.28	245.36	236.09
	981924.73	1329.09	6663920.18	662126.88	60.0802	-132.0856	254.93	243.78	234.31
	981924.70	1329.54	6663871.25	662131.26	60.0798	-132.0856	255.19	244.04	234.56
	981925.04	1278.02	6664332.73	661769.82	60.0841	-132.0917	258.86	248.14	239.03
	981925.01	1274.51	6664285.55	661774.85	60.0836	-132.0917	258.86	248.18	239.09
	981924.97	1270.87	6664225.17	661777.16	60.0831	-132.0917	258.77	248.11	239.06
	981924.94	1274.25	6664185.14	661786.89	60.0827	-132.0915	258.58	247.90	238.81
	981925.07	1274.82	6664371.32	661682.59	60.0844	-132.0933	258.87	248.18	239.10
	981925.04	1271.51	6664326.61	661683.82	60.0840	-132.0933	258.86	248.19	239.13
	981925.01	1268.72	6664284.22	661688.13	60.0837	-132.0932	258.77	248.13	239.09
	981924.97	1264.83	6664232.45	661693.99	60.0832	-132.0932	258.63	248.02	239.01
	981924.94	1260.19	6664182.30	661699.34	60.0827	-132.0931	258.52	247.95	238.97
	981924.90	1263.83	6664134.71	661703.75	60.0823	-132.0931	258.29	247.69	238.68
	981924.87	1265.99	6664082.24	661708.17	60.0818	-132.0930	258.12	247.50	238.48
	981924.83	1267.62	6664036.17	661714.07	60.0814	-132.0930	257.91	247.28	238.24
	981924.80	1268.74	6663988.60	661718.32	60.0810	-132.0929	257.72	247.08	238.03
	981924.76	1265.21	6663932.78	661723.75	60.0805	-132.0929	257.70	247.09	238.07
	981924.74	1263.77	6663895.89	661728.62	60.0802	-132.0928	257.66	247.06	238.05
	981924.69	1261.28	6663835.10	661735.26	60.0796	-132.0927	257.70	247.12	238.13
	981924.66	1269.42	6663790.15	661748.64	60.0792	-132.0925	257.18	246.53	237.49

CDN Resource Laboratories Ltd.

10945-B River Road, Delta, B.C., Canada, V4C 2R8, 604-540-2233, Fax: 604-540-2237 (www.cdnlabs.com)

ORE REFERENCE STANDARD: CDN-HZ-2

Recommended values and the "Between Lab" Two Standard Deviations

Gold 0.124 ± 0.024 g/t *** provisional value only (RSD = 9.67%)
Silver 61.1 ± 4.1 g/t
Copper 1.36 ± 0.06 %
Lead 1.62 ± 0.11 %
Zinc 7.20 ± 0.35 %

PREPARED BY: CDN Resource Laboratories Ltd.
CERTIFIED BY: Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia
INDEPENDENT GEOCHEMIST: Dr. Barry Smee., Ph.D., P. Geo.
DATE OF CERTIFICATION: March 1, 2008

METHOD OF PREPARATION:

Reject ore material was dried, crushed, pulverized and then passed through a 200 mesh screen. The +200 material was discarded. The -200 material was mixed for 5 days in a double-cone mixer. Splits were taken and sent to twelve laboratories for round robin assaying. The material has been packaged in nominal 100g (or 60g) lots in tin-top kraft bags which have been individually vacuum-sealed in nylon bags.

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-HZ-2 was made by compositing 700 kg of ore from three different properties with 100 kg of two high sulphide concentrates.

Approximate chemical composition is as follows:

	Percent			Percent
SiO2	43.2		MgO	2.2
Al2O3	6.3		K2O	0.8
Fe2O3	24.2		TiO2	0.5
CaO	3.0		LOI	11.1
Na2O	1.1		S	17.3

Statistical Procedures:

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean ±2 standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data. This method is different from that used by Government agencies in that the actual "between-laboratory" standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Confidence Limits published on other standards.

Assay Procedures:

Au: Fire assay pre-concentration, AA or ICP finish (10g sub-sample).
Ag, Cu, Pb, Zn: 4-acid digestion, AA or ICP finish.

STANDARD REFERENCE MATERIAL CDN-HZ-2

Results from round-robin assaying:

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12
	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t
CDN-HZ-2-1	0.14	0.14	0.13	0.131	0.11	0.110	0.120	0.11	0.150	0.121	0.123	0.11
CDN-HZ-2-2	0.13	0.09	0.12	0.128	0.11	0.120	0.133	0.14	0.170	0.132	0.128	0.11
CDN-HZ-2-3	0.13	0.10	0.13	0.124	0.11	0.100	0.131	0.12	0.147	0.131	0.132	0.13
CDN-HZ-2-4	0.12	0.09	0.14	0.121	0.12	0.100	0.133	0.12	0.140	0.134	0.136	0.12
CDN-HZ-2-5	0.13	0.09	0.12	0.143	0.11	0.100	0.137	0.13	0.168	0.118	0.121	0.13
CDN-HZ-2-6	0.12	0.09	0.13	0.140	0.12	0.110	0.140	0.15	0.144	0.119	0.134	0.11
CDN-HZ-2-7	0.15	0.09	0.13	0.130	0.11	0.100	0.125	0.14	0.160	0.147	0.127	0.11
CDN-HZ-2-8	0.12	0.09	0.12	0.132	0.11	0.120	0.137	0.13	0.136	0.112	0.146	0.13
CDN-HZ-2-9	0.14	0.09	0.13	0.143	0.10	0.110	0.131	0.14	0.164	0.129	0.145	0.13
CDN-HZ-2-10	0.13	0.09	0.10	0.141	0.10	0.110	0.126	0.12	0.160	0.118	0.129	0.13
Mean	0.131	0.096	0.125	0.133	0.108	0.108	0.131	0.130	0.154	0.126	0.132	0.121
Std. Devn.	0.0099	0.0158	0.0108	0.0080	0.0069	0.0079	0.0062	0.0125	0.0121	0.0105	0.0084	0.0099
% RSD	7.59	16.43	8.64	6.00	6.42	7.30	4.70	9.59	7.84	8.35	6.37	8.22
	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t
CDN-HZ-2-1	61.9	58	62	61	60.0	61	65.5	60.2	58.2	64.6	60	61.1
CDN-HZ-2-2	61.7	59	60	61	61.2	63	65.5	61.7	58.6	63.6	60	59.2
CDN-HZ-2-3	61.8	59	61	61	62.8	63	64.9	60.8	58.7	64.7	60	59.8
CDN-HZ-2-4	61.4	59	61	65	61.3	63	65.8	60.2	58.6	63.7	60	59.8
CDN-HZ-2-5	60.9	60	60	59	60.2	62	66.1	63.1	58.5	64.0	60	60.1
CDN-HZ-2-6	60.0	58	61	63	60.3	62	66.0	60.9	59.3	64.5	60	59.9
CDN-HZ-2-7	61.0	58	61	60	61.0	62	64.9	60.2	59.3	63.5	65	59.3
CDN-HZ-2-8	61.6	59	59	62	60.5	61	66.3	59.7	58.7	64.3	65	58.8
CDN-HZ-2-9	61.1	58	61	60	61.1	62	65.5	63.2	58.3	63.0	60	59.7
CDN-HZ-2-10	60.8	57	60	59	60.2	63	65.4	61.0	58.6	63.7	65	59.0
Mean	61.2	58.5	60.6	61.1	60.9	62.2	65.6	61.1	58.7	64.0	61.5	59.7
Std. Devn.	0.5808	0.8498	0.8433	1.8529	0.8303	0.7888	0.4701	1.2156	0.3645	0.5504	2.4152	0.6447
% RSD	0.95	1.45	1.39	3.03	1.36	1.27	0.72	1.99	0.62	0.86	3.93	1.08

NOTE: Au data from Lab. 2 and Lab. 9 were excluded from the data set for failing the "t" test.

STANDARD REFERENCE MATERIAL CDN-HZ-2

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12
	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu
CDN-HZ-2-1	1.35	1.36	1.382	1.370	1.39	1.34	1.38	1.35	1.33	1.42	1.32	1.337
CDN-HZ-2-2	1.34	1.35	1.385	1.360	1.41	1.45	1.42	1.34	1.32	1.38	1.29	1.339
CDN-HZ-2-3	1.38	1.38	1.355	1.370	1.43	1.38	1.38	1.33	1.33	1.39	1.35	1.338
CDN-HZ-2-4	1.34	1.35	1.345	1.410	1.42	1.42	1.41	1.35	1.32	1.40	1.31	1.338
CDN-HZ-2-5	1.33	1.35	1.374	1.365	1.42	1.32	1.41	1.34	1.33	1.36	1.32	1.339
CDN-HZ-2-6	1.33	1.34	1.37	1.435	1.41	1.40	1.36	1.33	1.34	1.39	1.33	1.336
CDN-HZ-2-7	1.37	1.39	1.362	1.375	1.43	1.35	1.42	1.33	1.35	1.35	1.37	1.331
CDN-HZ-2-8	1.36	1.35	1.367	1.395	1.40	1.32	1.36	1.33	1.33	1.38	1.35	1.342
CDN-HZ-2-9	1.34	1.37	1.373	1.385	1.43	1.38	1.40	1.34	1.33	1.38	1.34	1.353
CDN-HZ-2-10	1.33	1.35	1.377	1.375	1.42	1.37	1.40	1.34	1.36	1.40	1.34	1.372
Mean	1.35	1.36	1.37	1.38	1.42	1.37	1.39	1.34	1.33	1.39	1.33	1.34
Std. Devn.	0.0177	0.0160	0.0123	0.0233	0.0135	0.0424	0.0227	0.0079	0.0116	0.0201	0.0230	0.0119
% RSD	1.31	1.17	0.90	1.68	0.95	3.09	1.63	0.59	0.87	1.45	1.73	0.88
	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb
CDN-HZ-2-1	1.59	1.64	1.65	1.610	1.64	1.65	1.72	1.81	1.57	1.53	1.57	1.66
CDN-HZ-2-2	1.63	1.62	1.64	1.595	1.67	1.70	1.71	1.82	1.54	1.51	1.54	1.66
CDN-HZ-2-3	1.63	1.71	1.62	1.615	1.69	1.69	1.65	1.80	1.54	1.52	1.60	1.65
CDN-HZ-2-4	1.63	1.62	1.62	1.725	1.67	1.71	1.67	1.83	1.56	1.51	1.55	1.66
CDN-HZ-2-5	1.58	1.65	1.63	1.590	1.68	1.67	1.74	1.82	1.56	1.50	1.56	1.69
CDN-HZ-2-6	1.61	1.66	1.63	1.695	1.67	1.67	1.69	1.82	1.55	1.52	1.56	1.67
CDN-HZ-2-7	1.67	1.65	1.63	1.615	1.68	1.66	1.71	1.82	1.56	1.50	1.60	1.66
CDN-HZ-2-8	1.63	1.64	1.62	1.650	1.66	1.64	1.67	1.81	1.55	1.52	1.52	1.64
CDN-HZ-2-9	1.63	1.65	1.63	1.615	1.69	1.66	1.74	1.82	1.56	1.51	1.55	1.66
CDN-HZ-2-10	1.58	1.63	1.64	1.620	1.68	1.70	1.67	1.83	1.58	1.51	1.52	1.66
Mean	1.62	1.65	1.63	1.63	1.67	1.68	1.70	1.82	1.56	1.51	1.56	1.66
Std. Devn.	0.0282	0.0258	0.0099	0.0442	0.0149	0.0237	0.0316	0.0092	0.0119	0.0095	0.0279	0.0121
% RSD	1.74	1.57	0.61	2.70	0.89	1.41	1.86	0.51	0.76	0.63	1.79	0.73
	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn
CDN-HZ-2-1	7.51	7.84	7.52	7.05	6.99	7.07	7.42	7.15	7.03	7.24	7.08	7.07
CDN-HZ-2-2	7.66	7.73	7.49	7.06	7.09	7.18	7.52	7.15	7.08	7.16	6.99	7.01
CDN-HZ-2-3	7.66	7.81	7.43	7.16	7.17	7.10	7.24	7.10	7.03	7.20	7.20	7.04
CDN-HZ-2-4	7.48	7.65	7.45	7.29	7.10	7.16	7.54	7.20	7.05	7.19	6.95	7.04
CDN-HZ-2-5	7.53	7.66	7.43	7.11	7.11	7.10	7.45	7.15	7.05	7.08	7.03	7.09
CDN-HZ-2-6	7.62	7.68	7.49	7.50	7.04	7.04	7.36	7.15	7.07	7.18	7.02	7.05
CDN-HZ-2-7	7.60	7.81	7.52	7.14	7.12	7.10	7.50	7.15	7.05	7.12	7.10	7.06
CDN-HZ-2-8	7.58	7.36	7.44	7.25	6.99	6.98	7.36	7.10	7.07	7.19	7.04	7.15
CDN-HZ-2-9	7.56	7.44	7.52	7.16	7.12	7.02	7.43	7.15	7.04	7.17	7.12	7.22
CDN-HZ-2-10	7.44	7.31	7.53	7.24	7.07	7.15	7.37	7.15	7.06	7.16	7.15	7.29
Mean	7.56	7.63	7.48	7.20	7.08	7.09	7.42	7.15	7.05	7.17	7.07	7.10
Std. Devn.	0.0743	0.1927	0.0408	0.1329	0.0583	0.0639	0.0906	0.0284	0.0167	0.0441	0.0764	0.0892
% RSD	0.98	2.53	0.54	1.85	0.82	0.90	1.22	0.40	0.24	0.61	1.08	1.26

NOTE: Pb data from Lab. 8 was excluded from the data set for failing the "t" test.
Zn data from Lab.2 was excluded from the data set for failing the "t" test.

STANDARD REFERENCE MATERIAL CDN-HZ-2

Participating Laboratories:
(not in same order as listed in table of results)

Acme Analytical Laboratories Ltd., Vancouver
Assayers Canada Ltd., Vancouver
ALS Chemex Laboratories, North Vancouver
Actlabs, Ontario, Canada
Alex Stewart Assayers (Argentina) Ltd.
Genalysis Laboratory, Australia
Labtium Laboratory, Finland
OMAC Laboratory Ltd., Ireland
Skyline Laboratory, Arizona, USA
Teck Cominco - Global Discovery Laboratory, Vancouver
TSL Laboratories Ltd., Saskatoon
Ultra Trace Analytical Laboratories, Australia

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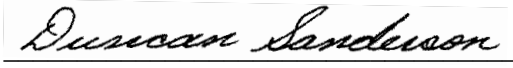
Certified by 

Duncan Sanderson, Certified Assayer of B.C.

Geochemist 

Dr. Barry Smee, Ph.D., P. Geo.

CDN Resource Laboratories Ltd.

10945-B River Road, Delta, B.C., Canada, V4C 2R8, 604-540-2233, Fax: 604-540-2237 (www.cdnlabs.com)

ORE REFERENCE STANDARD: CDN-SE-2

Recommended values and the "Between Lab" Two Standard Deviations

Gold	***0.242***	***±***	***0.018 g/t***
Silver	***354***	***±***	***21 g/t***
Copper	***0.049***	***±***	***0.003 %***
Lead	***0.957***	***±***	***0.044 %***
Zinc	***1.34***	***±***	***0.11 %***

PREPARED BY: CDN Resource Laboratories Ltd.
CERTIFIED BY: Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia
INDEPENDENT GEOCHEMIST: Dr. Barry Smee., Ph.D., P. Geo.
DATE OF CERTIFICATION: May 15, 2007

METHOD OF PREPARATION:

Reject ore material was dried, crushed, pulverized and then passed through a 200 mesh screen. The +200 material was discarded. The -200 material was mixed for 6 days in a double-cone blender. Splits were taken and sent to twelve laboratories for round robin assaying.

ORIGIN OF REFERENCE MATERIAL:

The ore was supplied by Silver Eagle Mines Inc. from their Miguel Auza property. The material is from a relatively coarse-grained, epithermal Pb-Zn-Ag vein with accessory pyrite, calcite, quartz, sericite and clays. Principal ore minerals are galena, sphalerite, argentite, native silver (electrum?) and minor silver sulphosalts.The latter may comprise one or more of iodargyrite, proustite-pyrargyrite, pearceite-polybasite, nuammanite, aguilarite and eucarite. Arsenic, lesser antimony and copper and minor selenium are all present. The sample was taken from the transition zone between the near-surface oxidized zone and the unweathered (protore) zone of primary sulphides. As such, some cerussite (PbCO3) and smithsonite (ZnCO3) are probably present. Standard CDN-SE-2 was prepared by mixing the primary ore 50:50 with A blank granitic material.

Approximate chemical composition is as follows:

	Percent			Percent
SiO2	60.7		Na2O	1.6
Al2O3	10.4		MgO	1.5
Fe2O3	11.3		K2O	2.0
CaO	3.2		TiO2	0.5
MnO	0.2		LOI	6.8
S	6.3		C	0.6

Statistical Procedures:

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean ±2 standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data. Outliers were defined as samples beyond the mean ± 2 Standard Deviations from all data. These outliers were removed from the data and a new mean and standard deviation was determined. This method is different from that used by Government agencies in that the actual "between-laboratory" standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Confidence Limits published on other standards.

STANDARD REFERENCE MATERIAL CDN-SE-2

Assay Procedures:

Au: Fire assay pre-concentration, AA or ICP finish (30g sub-sample).
Ag: either fire assay, gravimetric or 4 acid digestion, ICP finish
Cu, Pb, Zn: 4-acid digestion, AA or ICP finish.

Round-robin assay results:

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12
	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t
SE2-1	0.24	0.247	0.25	0.27	0.24	0.25	0.233	0.24	0.250	0.232	0.235	0.253
SE2-2	0.24	0.239	0.24	0.23	0.25	0.25	0.333	0.24	0.252	0.234	0.220	0.250
SE2-3	0.20	0.241	0.24	0.23	0.25	0.26	0.333	0.24	0.249	0.231	0.235	0.242
SE2-4	0.24	0.244	0.24	0.24	0.25	0.25	0.267	0.25	0.247	0.227	0.230	0.241
SE2-5	0.25	0.248	0.25	0.22	0.24	0.25	0.233	0.24	0.247	0.222	0.230	0.250
SE2-6	0.25	0.242	0.24	0.23	0.24	0.26	0.300	0.25	0.245	0.218	0.235	0.236
SE2-7	0.24	0.246	0.25	0.24	0.23	0.26	0.333	0.25	0.249	0.232	0.230	0.246
SE2-8	0.24	0.242	0.24	0.23	0.24	0.26	0.300	0.25	0.239	0.227	0.230	0.259
SE2-9	0.25	0.237	0.25	0.23	0.25	0.25	0.300	0.25	0.240	0.229	0.235	0.254
SE2-10	0.24	0.249	0.24	0.25	0.25	0.24	0.233	0.24	0.237	0.228	0.245	0.239
Mean	0.239	0.244	0.243	0.237	0.244	0.253	0.287	0.245	0.246	0.228	0.233	0.247
Std. Devn.	0.0145	0.0040	0.0025	0.0142	0.0070	0.0067	0.0422	0.0053	0.0051	0.0049	0.0063	0.0074
% RSD	6.06	1.63	1.03	5.98	2.87	2.67	14.72	2.15	2.09	2.15	2.73	3.00
	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t
SE2-1	356	358	352.6	350.9	353	380	351.1	387	350	370	347.0	362
SE2-2	362	341	350.9	345.3	358	380	343.9	371	347	349	343.1	368
SE2-3	362	339	352.7	349.0	357	380	345.1	415	345	357	353.7	362
SE2-4	364	341	351.3	349.7	357	380	349.1	378	346	352	353.3	368
SE2-5	362	348	353.2	340.3	358	380	350.2	354	348	348	349.5	362
SE2-6	369	342	356.0	361.3	357	390	345.7	357	346	349	344.0	357
SE2-7	373	340	349.2	359.3	360	380	338.4	376	346	341	348.3	373
SE2-8	367	338	352.7	349.5	357	380	337.3	365	348	352	342.4	357
SE2-9	377	247	349.3	348.6	357	390	342.4	363	347	362	352.1	368
SE2-10	369	248	355.4	354.2	354	390	345.4	369	350	340	350.7	368
Mean	366	324	352	351	357	383	345	374	347	352	348	365
Std. Devn.	6.1545	40.8461	2.2656	6.1963	4.9497	4.8305	4.6377	17.6147	1.7029	9.2164	4.1861	5.2967
% RSD	1.68	12.60	0.64	1.77	1.39	1.26	1.34	4.72	0.49	2.62	1.20	1.45

NOTE : Au data from Lab. 7 was removed for failing the "t" test.
Ag data from Lab. 6 was removed for failing the "t" test.

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	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12
	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu
SE2-1	0.049	0.051	0.05	0.048	0.049	0.049	0.049	0.051	0.050	0.050	0.048	0.051
SE2-2	0.050	0.052	0.05	0.048	0.048	0.048	0.049	0.050	0.049	0.050	0.048	0.056
SE2-3	0.049	0.053	0.05	0.046	0.047	0.048	0.049	0.056	0.049	0.050	0.049	0.048
SE2-4	0.049	0.049	0.05	0.048	0.048	0.048	0.049	0.050	0.050	0.050	0.047	0.049
SE2-5	0.048	0.051	0.05	0.047	0.047	0.050	0.050	0.049	0.050	0.050	0.047	0.047
SE2-6	0.048	0.052	0.05	0.048	0.047	0.047	0.050	0.048	0.050	0.050	0.048	0.049
SE2-7	0.048	0.051	0.05	0.046	0.048	0.050	0.049	0.049	0.048	0.049	0.047	0.049
SE2-8	0.050	0.050	0.05	0.048	0.048	0.048	0.049	0.049	0.049	0.050	0.047	0.050
SE2-9	0.050	0.050	0.05	0.048	0.047	0.050	0.049	0.047	0.049	0.051	0.048	0.051
SE2-10	0.049	0.051	0.05	0.048	0.048	0.050	0.049	0.049	0.05	0.050	0.050	0.050
Mean	0.049	0.051	0.051	0.048	0.048	0.049	0.049	0.050	0.049	0.050	0.048	0.050
Std. Devn.	0.0008	0.0012	0.0018	0.0008	0.0006	0.0011	0.0004	0.0024	0.0007	0.0005	0.0010	0.0024
% RSD	1.67	2.26	3.51	1.79	1.35	2.33	0.86	4.90	1.42	0.90	2.08	4.90
	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb
SE2-1	0.96	0.94	0.99	0.99	0.94	0.97	0.95	1.02	0.96	0.95	0.94	0.92
SE2-2	0.97	0.96	1.01	0.99	0.94	0.96	0.95	1.01	0.94	0.94	0.94	0.92
SE2-3	0.97	0.96	1.00	1.01	0.94	0.97	0.94	1.10	0.94	0.95	0.96	0.94
SE2-4	0.97	0.91	1.01	1.00	0.94	0.98	0.95	1.02	0.96	0.93	0.96	0.94
SE2-5	0.95	0.95	0.97	1.00	0.94	0.97	0.95	0.96	0.96	0.93	0.96	0.93
SE2-6	0.95	0.96	0.97	1.02	0.94	0.97	0.95	0.95	0.94	0.93	0.94	0.94
SE2-7	0.95	0.95	0.99	1.01	0.93	0.96	0.95	0.99	0.92	0.93	0.95	0.95
SE2-8	0.99	0.94	0.99	1.01	0.95	0.96	0.95	0.99	0.92	0.94	0.94	0.95
SE2-9	0.97	0.95	0.95	0.99	0.95	0.97	0.96	0.95	0.93	0.94	0.95	0.96
SE2-10	0.96	0.95	0.97	0.97	0.94	0.97	0.96	0.97	0.93	0.95	0.95	0.95
Mean	0.96	0.95	0.98	1.00	0.94	0.97	0.95	1.00	0.94	0.94	0.95	0.94
Std. Devn.	0.0126	0.0149	0.0198	0.0145	0.0062	0.0044	0.0063	0.0453	0.0156	0.0093	0.0065	0.0116
% RSD	1.31	1.58	2.01	1.45	0.66	0.45	0.66	4.54	1.66	0.99	0.69	1.24
	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn
SE2-1	1.36	1.32	1.40	1.26	1.34	1.42	1.34	1.43	1.29	1.35	1.32	1.27
SE2-2	1.38	1.31	1.40	1.24	1.33	1.45	1.34	1.40	1.26	1.33	1.31	1.25
SE2-3	1.39	1.33	1.42	1.28	1.35	1.43	1.34	1.55	1.26	1.34	1.33	1.23
SE2-4	1.39	1.30	1.42	1.28	1.34	1.43	1.33	1.44	1.29	1.32	1.33	1.27
SE2-5	1.38	1.30	1.38	1.27	1.35	1.44	1.33	1.37	1.28	1.32	1.35	1.24
SE2-6	1.39	1.29	1.37	1.26	1.35	1.41	1.32	1.36	1.27	1.33	1.32	1.28
SE2-7	1.36	1.29	1.39	1.27	1.33	1.41	1.33	1.41	1.23	1.34	1.34	1.28
SE2-8	1.42	1.28	1.39	1.26	1.34	1.43	1.33	1.39	1.25	1.32	1.33	1.28
SE2-9	1.41	1.28	1.34	1.27	1.33	1.43	1.34	1.35	1.27	1.34	1.34	1.30
SE2-10	1.38	1.27	1.36	1.28	1.34	1.44	1.35	1.42	1.26	1.34	1.34	1.29
Mean	1.39	1.30	1.39	1.27	1.34	1.43	1.34	1.41	1.27	1.33	1.33	1.27
Std. Devn.	0.0190	0.0189	0.0271	0.0125	0.0079	0.0129	0.0081	0.0569	0.0184	0.0103	0.0108	0.0223
% RSD	1.37	1.46	1.96	0.99	0.59	0.90	0.61	4.03	1.45	0.78	0.81	1.76

STANDARD REFERENCE MATERIAL CDN-SE-2

Participating Laboratories:
(not in same order as listed in table of results)

Acme Analytical Laboratories Ltd., Vancouver
Assayers Canada Ltd., Vancouver
ALS Chemex Laboratories, North Vancouver
Alaska Assay Lab., USA
Alex Stewart Assayers (Argentina) Ltd.
Eco Tech Laboratory, Kamloops, B.C.
Genalysis Laboratory Services, Australia
GTK Laboratory, Finland
OMAC Laboratory Ltd., Ireland
Skyline Laboratory, Arizona, USA
Teck Cominco - Global Discovery Laboratory, Vancouver
TSL Laboratories Ltd., Saskatoon

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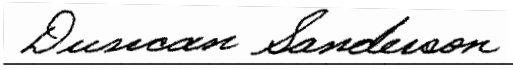
Certified by 
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