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

ASSESSMENT REPORT

describing

2007 DIAMOND DRILLING AND SOIL SAMPLING

on the

MARG PROPERTY

Marg 1-144	YB02385-YB02528
145-178	YB02580-YB02613
179-190	YB02944-YB02955
191-290	YB03107-YB03206
291-370	YB03606-YB03685
Tudl 1-32	YA76768-YA76799

NTS 105M/15 & 16 and 106D/1 & 2
Latitude 64°01' N; Longitude 134°28' W

Mayo Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

YUKON GOLD CORPORATION, INC.

B. Gelber, B.Sc.
R.C. Carne, M.Sc., P.Geo.
November 2007

TABLE OF CONTENTS

	PAGE
INTRODUCTION	1
PROPERTY LOCATION AND ACCESS	1
2007 PROGRAM	1
GEOLOGY	3
MINERALIZATION AND RESULTS	4
GEOCHEMISTRY	5
REFERENCES	6

LIST OF TABLES

I	DRILL HOLE SUMMARY	2
II	RECOMMENDED VALUES OF STANDARD SAMPLES	4

APPENDICES

I CLAIM SUMMARY

II STATEMENTS OF QUALIFICATIONS

III DIAMOND DRILL LOGS

IV CERTIFICATES OF ANALYSIS

V 2007 ASSAY SUMMARY

FIGURES

NO.	DESCRIPTION	FOLLOWING PAGE
1	Location Map	1
2	Claim Location	1
3	Marg 2007 Drill Hole Locations	2
4	Jane Zone 2007 Drill Hole Locations	2
5	Soil Sample Location Map Grid A	3
6	Soil Sample Location Map Grid B	3
7	Soil Sample Location Map Grid C, D and E	3
8	Soil Sample Location Map Grid F	3
9	Soil Sample Location Map Grid G	3
10	Cu Geochemistry	In Pocket
11	Pb Geochemistry	In Pocket
12	Zn Geochemistry	In Pocket

INTRODUCTION

The Marg property in central Yukon hosts a polymetallic volcanogenic massive sulphide deposit discovered in 1984. Diamond drilling in 1988-1990 and 1996-1997 totalled 23,034 m in 83 holes and outlined a NI43-101 compliant Indicated Resource of 4,646,200 tonnes grading 1.80% copper, 2.57% lead, 4.77% zinc, 65.08 g/t silver and 0.99 g/t gold plus an Inferred Resource of 880,800 tonnes grading 1.55% copper, 1.90% lead, 3.75% zinc, 50.42 g/t silver and 0.95 g/t gold (Holbek, 2005). Yukon Gold Corporation, Inc. purchased a 100% working interest in the property in 2005 and completed an 1184.6 m diamond drilling program the same year, followed by a 2987.9 m program in 2006. A recalculation of the resource was conducted in 2007. A resource at a 1% Cu cutoff contains 1.72 million tonnes averaging 1.97% Cu, 2.40% Pb, 4.59% Zn, 59.7 g/t Ag and 0.95 g/t Au classed as indicated. At the same 1.0% Cu cutoff, an additional 4.8 million tonnes averaging 1.81% Cu, 2.28% Pb, 4.64% Zn, 55.4 g/t Ag and 0.78 g/t Au is classed as inferred (Carne and Giroux, 2007).

The 2007 exploration program consisted of eleven HQ/NQ/BTW diamond drill holes totalling 3300.9 m in length. This report documents the results of those eleven holes only. An exhaustive summary of previous work, regional geology and property geology as well as an updated resource estimate is given in Carne and Giroux (2007). The 2007 program was managed by Archer, Cathro & Associates (1981) Limited on behalf of Yukon Gold.

PROPERTY LOCATION AND ACCESS

The Marg property is located in the Mayo Mining District in central Yukon, 42 km east of Keno City, Yukon at 64°01'N and 134°28'W on NTS map sheet 106D/1, 106D/2, 105M/15 and 105M/16 (Figure 1). Keno City is 415 km by all-weather highway from Whitehorse and 600 km from the deepsea port of Skagway, Alaska.

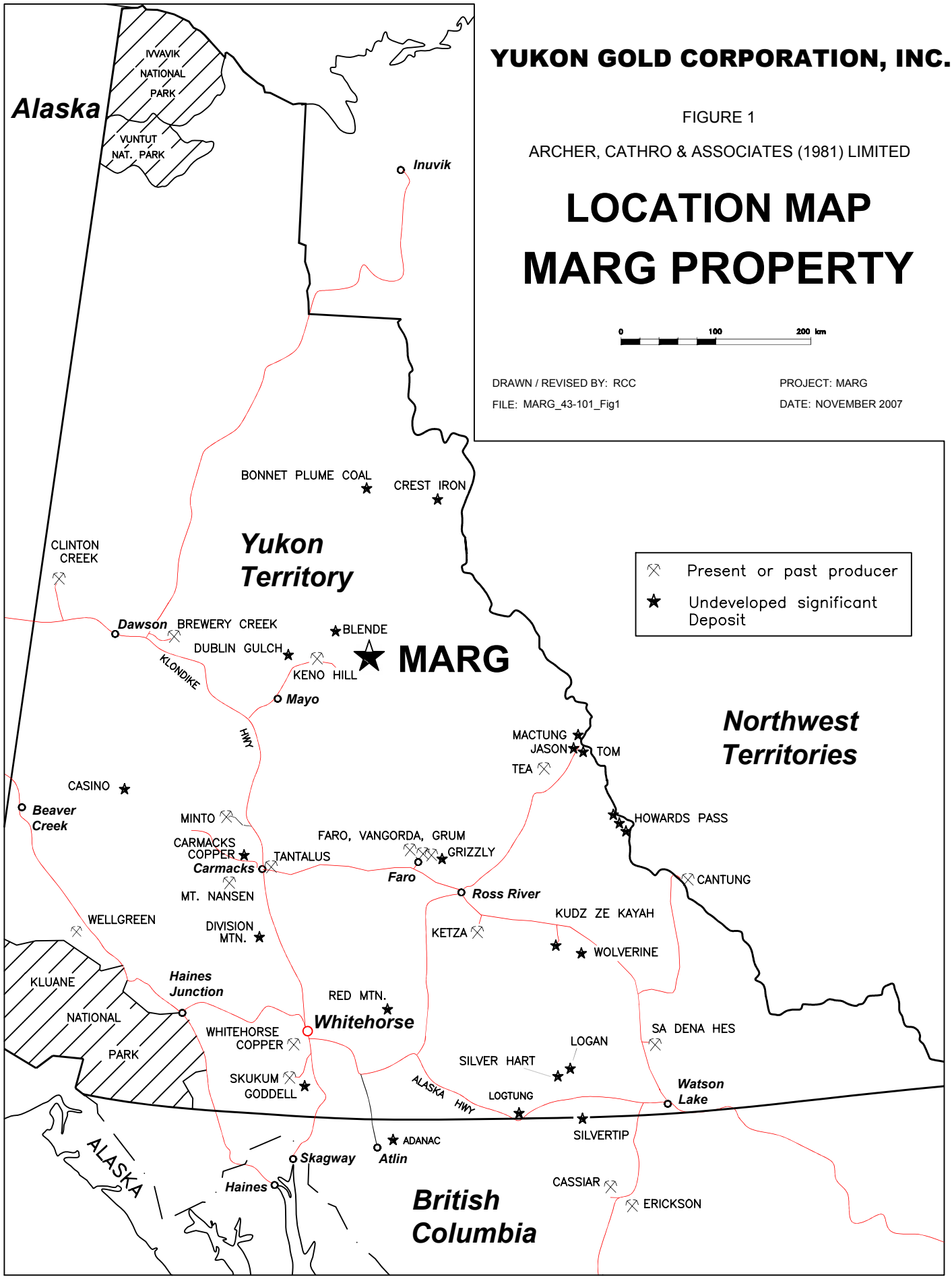
Access is by helicopter from the nearest road at Keno City or by fixed wing aircraft from Mayo (83 km) to a 380 m gravel airstrip on the property. A tote road was constructed from Keno City to the property in 1996.

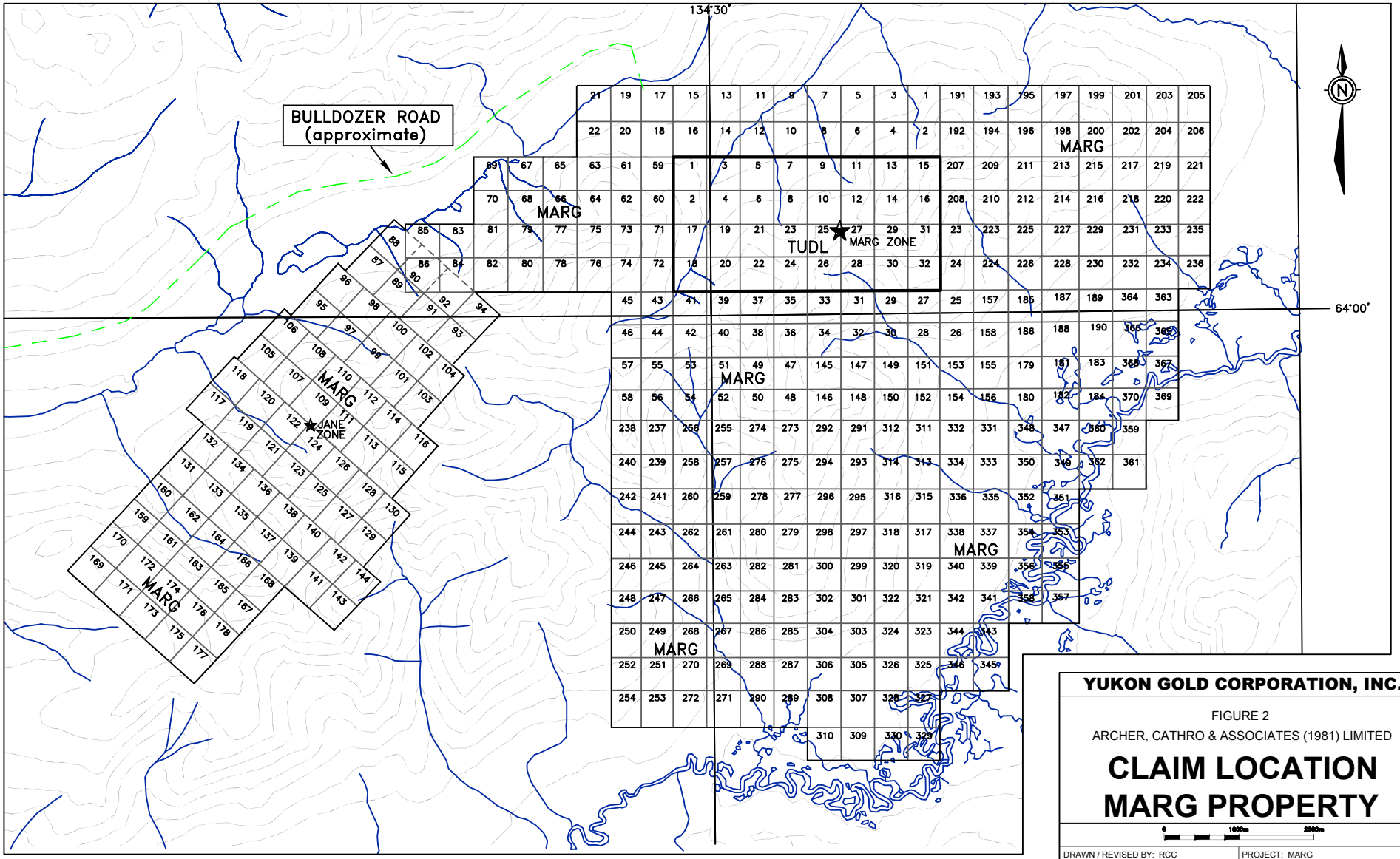
The property consists of 402 contiguous claims that cover an 8403 ha area (Figure 2) in the Mayo Mining District. They are registered in the name of Yukon Gold Corporation, Inc., as listed in Appendix I.

The Marg property lies within a 4739 square kilometre area of Class ‘A’ settlement lands owned by the Nacho Nyak Dun First Nation, most of whose members reside in Mayo. Should any of the claims forming the Marg property be allowed to lapse, the open ground will revert to the Class ‘A’ land block.

2007 PROGRAM

The work outlined in this report consists of eleven diamond drill holes (Holes 07-97 to 07-107) totalling 3300.97 m (Table I) and 1110 soil samples collected from seven grids. The exploration


YUKON GOLD CORPORATION, INC.
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
LOCATION MAP
MARG PROPERTY
0
100
200 km
DRAWN / REVISED BY: RCC
FILE: MARG_43-101_Fig1
PROJECT: MARG
DATE: NOVEMBER 2007
Alaska
IVVAVIK NATIONAL PARK
VUNTUT NAT. PARK
Inuvik
BONNET PLUME COAL
CREST IRON
Yukon Territory
CLINTON CREEK
Dawson
BREWERY CREEK
DUBLIN GULCH
BLENDE
MARG
KENO HILL
KLONDIKE
Mayo
HWY
Present or past producer
Undeveloped significant Deposit
Northwest Territories
MACTUNG
JASON
TOM
TEA
CASINO
Beaver Creek
MINTO
HOWARDS PASS
CARMACKS COPPER
TANTALUS
FARO, VANGORDA, GRUM
GRIZZLY
Carmacks
Faro
CANTUNG
MT. NANSEN
Ross River
KUDZ ZE KAYAH
WELLGREEN
DIVISION MTN.
KETZA
WOLVERINE
KLUANE NATIONAL PARK
Haines Junction
RED MTN.
Whitehorse
WHITEHORSE COPPER
SA DENA HES
LOGAN
SILVER HART
SKUKUM GODDELL
ALASKA HWY
LOGTUNG
Watson Lake
SILVERTIP
ADANAC
Atlin
Skagway
ALASKA
Haines
CASSIAR
ERICKSON
British Columbia



YUKON GOLD CORPORATION, INC.

FIGURE 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATION
MARG PROPERTY

0 1000m 2000m

DRAWN / REVISED BY: RCC	PROJECT: MARG
	DATE: NOVEMBER 2007

program was carried out between June 2 and September 30, 2007. The work was managed by Archer Cathro and supervised by the author.

Appendix II contains the author's Statement of Qualifications. The following Archer Cathro personnel were involved at various times in the program:

Rob Carne	Project manager
Benjamin Gelber	Project geologist
Michael Philips	Project geologist
Hansie Mundhenk	Project geologist
Benjamin Galambos	Camp manager
Brandon Willmot	Geological assistant
Dylan Wallinger	Geological assistant
Cameron Shook	Geological assistant
Andrew Fietz	Geological assistant
Matt Baker	Geological assistant
Joel Dampier	Geological assistant
Sean Low	Geological assistant
Beth Hunt	Cook
Aggie Jensen	Cook
Leah LeClerc	Cook
Joanne O'Harra	Cook

Drilling was contracted to E. Caron Diamond Drilling Ltd. of Whitehorse using a Longyear 38 wireline-equipped diamond drill, and Top Rank Diamond Drilling Ltd. of St. Rose du Lac, Manitoba using a JKS-300 hydraulic helicopter-portable diamond drill. Both the Longyear 38 and JKS-300 were removed from the property at the end of the project by helicopter. A summary of the 2007 drilling is given below. Drill hole collar locations updated using new and historic data are shown in figures 3 and 4.

TABLE I: DRILL HOLE SUMMARY

Hole	Drill Section	Collar Northing	Collar Easting	Azimuth	Dip	Depth (m)
07-97	6000	7098062	525973	010°	-72°	472.44
07-98	6400	7097926	526396	010°	-65°	372.77
07-99	6500	7097910	526497	015°	-80°	218.54
07-100	4800/4900	7098032	524898	335°	-75°	493.47
07-101	5200	7097919	525204	005°	-80°	459.94
07-102	5000/5100	7098043	525088	005°	-80°	291.69
07-103	N/A	7095076	519354	340°	-50°	32.61
07-104	N/A	7095076	519354	340°	-60°	29.57
07-105	N/A	7094900	519159	340°	-50°	306.93
07-106	N/A	7096250	519896	340°	-50°	233.78
07-107	5900	7098025	525898	005°	-70°	389.23

A D6 bulldozer supplied by E. Caron Diamond Drilling Ltd. was used to build drill sites, access

525 000 mE

526 000 mE

7 098 000 mN

N

2007 Drill Hole Location

Historic Drill Hole Location

Bulldozer Trails

DDH-07-100

DDH-07-102

DDH-07-101

DDH-07-107

DDH-07-97

DDH-07-98

DDH-07-99

YUKON GOLD CORPORATION, INC.

FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

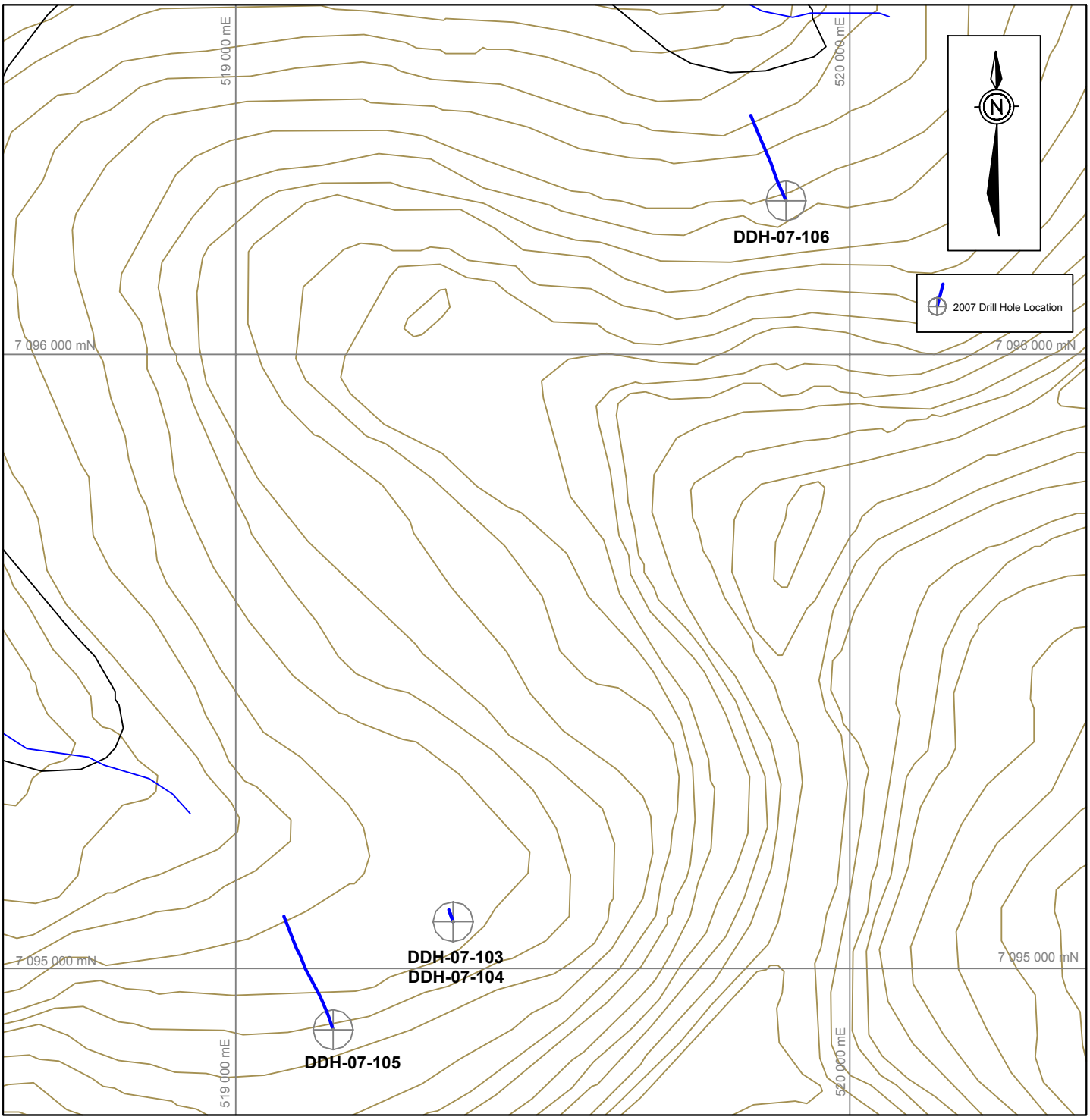
MARG 2007 DRILL HOLE LOCATIONS

MARG PROPERTY

0 100 200 300 400 m

UTM ZONE 8V, NAD 83, 106D/1

FILE: ...2007/MARG/DRILL PLAN.DWG | DATE: NOVEMBER 2007



YUKON GOLD CORPORATION, INC.

FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

JANE ZONE 2007 DRILL HOLE LOCATIONS

MARG PROPERTY

0 200 400 600 800 m

UTM ZONE 8V, NAD 83, 105M/15

FILE: ...2007/MARG/DRILL PLAN.DWG	DATE: NOVEMBER 2007

roads, plough snow and move the drill between sites. A D3 bulldozer, which was originally flown to the property by helicopter in 1996, was not used during the 2007 project due to mechanical problems and remains winterised on site with the D6 bulldozer, which was walked to the property from Keno City via a winter road in March 2006.

Fireweed Helicopters provided helicopter support with casual support from Trans North Helicopters from a base in Mayo. Fireweed Helicopters provided Bell 204, Bell 206B-3 and Bell 206L-4 aircraft. Trans North Helicopters provided Bell 205 and 206 for support.

Grid sampling was carried out on seven soil grids spaced throughout the north and north west of the property. 1110 soil samples were collected at 50 m by 100 m line spacing (see Figures 5-9). Soil sampling was previously conducted on the Marg property in 1986, 1988 and 1989. Sampling in 2007 tested anomalies observed in geophysical data collected in 2006.

All core sampling, collection of geotechnical data and core logging was done on site. Mineralized intervals were split and one-half was sent to ALS Chemex Labs, North Vancouver, B.C. Blank samples consisting of barren limestone were routinely inserted into the sample stream. Duplicate samples collected by quartering core were inserted into the sample stream. Prepared pulps and coarse rejects were sent as check samples to Acme Analytical Laboratories Ltd. in Vancouver. Reanalysis for results greater than 1% copper, lead or zinc were routinely carried out. The drill core is stored on the property at the camp location

Analytical procedures are summarized below as reported by ALS Chemex. At the laboratory, the core samples were weighed, dried and crushed to 70% minus 2 mm, before a 250 g split was taken and pulverized to better than 85% minus 75 microns. A 50 gram split of the pulverized fraction was dissolved in aqua regia and analyzed for 50 elements using the ICPMS technique. Over limit copper, lead, zinc and silver values were determined using atomic absorption spectroscopy (AAS). A 30 gram split was analyzed for gold with a fire assay preparation and AAS finish. ALS Chemex operates according to the guidelines set out in ISO/IEC Guide 25 "General requirements for the competence of calibration and testing laboratories" and the company is certified to ISO 9002 by KPMG in Canada and other countries. Soil samples were dried and sieved to minus 80 mesh before undergoing 34 element ICP-AES analysis. ALS Chemex operates according to the guidelines set out in ISO/IEC Guide 25 "General requirements for the competence of calibration and testing laboratories" and the company is certified to ISO 9002 by KPMG in Canada and other countries.

Standard samples were prepared by CDN Resource Laboratories Ltd. The ore was chosen based on similarities to the ore found at the Marg deposit. The ore is described as massive to semi-massive sulphides from the High Lake West Zone ore body, an Archean aged VMS deposit in the Slave structural province of Canada. Standard material was dried, crushed, pulverized and then passed through a 200 mesh screen. The +200 material was discarded. The –200 material was mixed for five days in a V-mixer. Splits were taken and sent to twelve laboratories for round robin assaying. The material was packaged in 100 g lots in vacuum-sealed polyethylene bags. The average values assayed for gold, silver, copper, lead and zinc are shown Table II below with the calculated standard deviation for each. All blank samples assayed by Chemex in 2007 were within the standard deviation listed by CDN Resource Laboratories Ltd. for each

528 000 mE

530 000 mE

GRID A

0.22'

27°05'

True north

Grid north

Magnetic north

Annual change increasing 20.9'

- 2007 Soil Samples
- Historic Soil Samples

YUKON GOLD CORPORATION, INC.

FIGURE 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SOIL SAMPLE LOCATION MAP
GRID A

MARG PROPERTY

0 0.35 0.7

kilometres NAD83 Zone 8

NTS Mapsheets 105M/15 &16 and 106D/1 & 2

FILE:...Marg/Marg Geochem 2007/Tables

DATE: NOVEMBER 2007

528 000 mE

7 098 000 mN

530 000 mE

526 000 mE

528 000 mE

7 100 000 mN

7 100 000 mN

GRID B

0.22'

27°05'

True north

Grid north

Magnetic north

Annual change increasing 20.9'

- 2007 Soil Samples
- Historic Soil Samples

NS	CC20741	CC20888	CC20889	CC20821	CC20820	CC20662	NS	CC29020	CC29019	CC20918	CC20919	NS	CC26555	NS	
CC20742	CC20740	CC20887	CC20890	CC20822	CC20819	CC20663	NS	CC29021	CC29018	CC20917	CC20920	NS	CC26556	CC26554	
CC20743	CC20739	CC20886	CC20891	CC20823	CC20818	CC20664	CC20661	CC29022	CC29017	CC20916	CC20921	CC20957	NS	NS	
CC20744	CC20738	CC20885	CC20892	CC20824	CC20817	CC20665	CC20660	CC29023	CC29016	CC20915	CC20922	CC20956	CC26557	NS	
NS	CC20737	CC20884	CC20893	CC20825	CC20816	CC20666	CC20659	CC29024	CC20850	CC20914	CC20923	CC20955	CC20951	CC26553	
CC20745	CC20736	CC20883	CC20894	CC20826	CC20815	CC20667	CC20658	CC29025	CC20849	CC20913	CC20924	CC20954	CC20952	CC26552	
NS	CC20735	CC20882	CC20895	CC20827	CC20814	CC20668	NS	CC29026	CC20848	CC20912	CC20925	CC20953	NS	CC26551	
CC20746	CC20734	CC20881	CC20896	CC20828	CC20813	CC20669	CC20657	CC29027	CC20847	CC20911	CC20926	NS	CC29084	CC26550	
CC20747	CC20733	CC20880	CC20897	CC20829	CC20812	CC20670	CC20656	CC29028	CC20846	CC20910	CC20927	NS	CC29083	CC26549	
CC20748	NS	CC20879	CC20898	CC20830	CC20811	CC20671	CC20655	CC29029	CC20845	CC20909	CC20928	CC29061	CC29082	CC26548	
CC20749	CC20732	CC20878	CC20899	CC20831	CC20810	CC20672	CC20654	CC29030	CC20844	CC20908	CC20929	CC29060	CC29081	CC26547	
CC20750	CC20731	CC20877	CC20900	CC20832	CC20809	CC20673	CC20653	CC29031	CC20843	CC20907	NS	CC29059	NS	CC26546	
NS	CC20730	CC20876	CC29001	CC20833	CC20808	CC20674	CC20652	CC29032	CC20842	CC20906	CC20930	NS	CC29080	CC26545	
CC20901	CC20729	CC20875	CC29002	CC20834	CC20807	CC20675	CC20651	CC29033	CC20841	NS	CC20931	NS	NS	CC26544	
CC20902	CC20728	CC20874	CC29003	CC20835	CC20806	CC20676	CC20551	CC29034	CC20840	CC20905	CC20932	CC29058	CC29079	CC26543	
NS	CC20727	CC20873	CC29004	CC20836	CC20805	CC20677	CC20550	CC29035	CC20839	CC20904	CC20933	CC29057	CC29078	CC26542	
NS	CC20726	CC20872	CC29005	CC20837	CC20804	CC20678	CC20549	CC29036	CC20838	CC20903	CC20934	CC29056	CC29077	CC26541	

526 000 mE

528 000 mE

YUKON GOLD CORPORATION, INC.

FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SOIL SAMPLE LOCATION MAP

GRID B

MARG PROPERTY

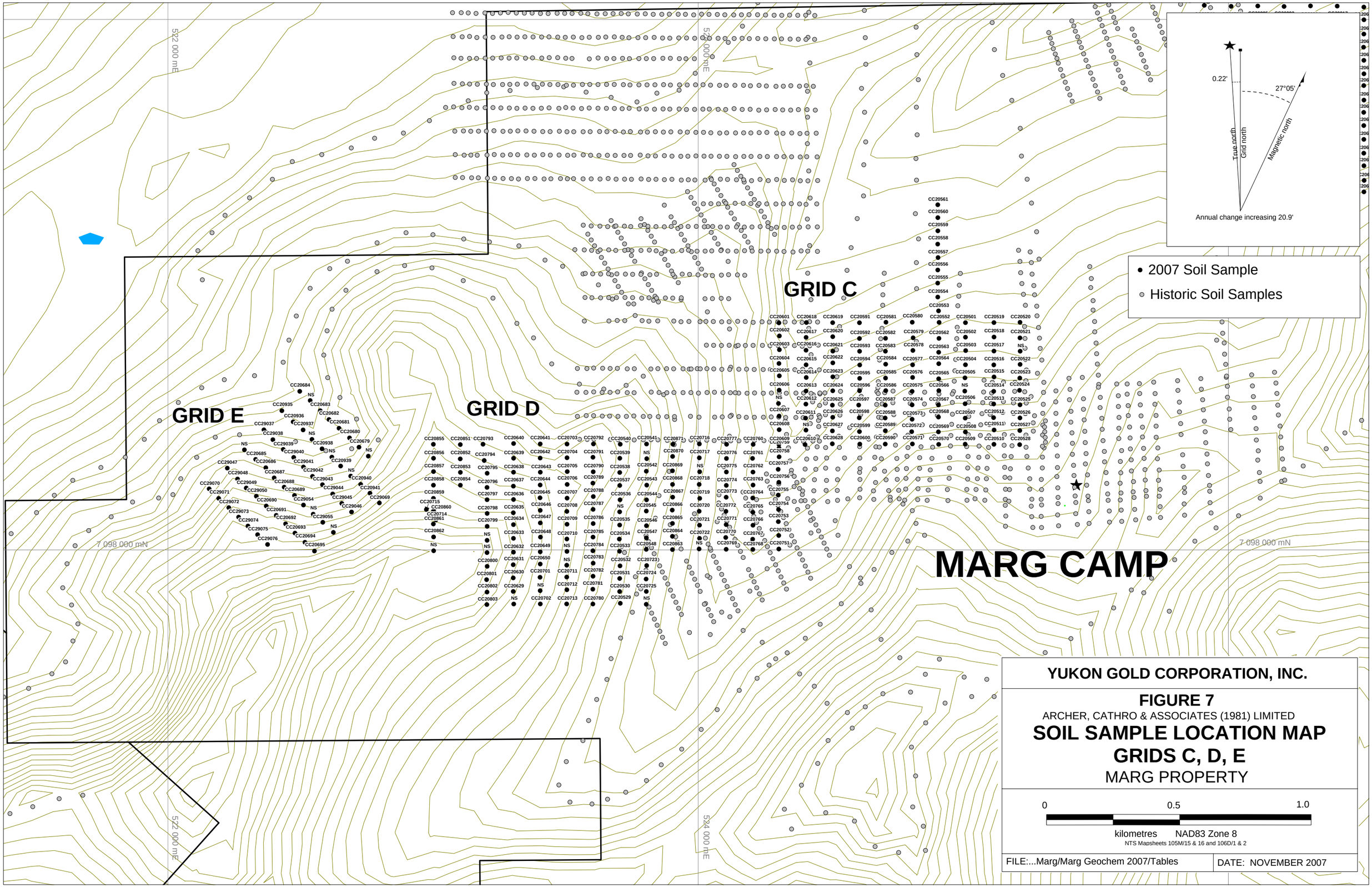
0 0.35 0.7

kilometres NAD83 Zone 8

NTS Mapsheets 105M/15 &16 and 106D/1 & 2

FILE:...Marg/Marg Geochem 2007/Tables

DATE: NOVEMBER 2007


522 000 mE
524 000 mE
7 098 000 mN
0.22'
27°05'
True north
Grid north
Magnetic north
Annual change increasing 20.9'
• 2007 Soil Sample
Historic Soil Samples
GRID C
GRID D
GRID E
MARG CAMP
YUKON GOLD CORPORATION, INC.
FIGURE 7
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
SOIL SAMPLE LOCATION MAP
GRIDS C, D, E
MARG PROPERTY
0
0.5
1.0
kilometres
NAD83 Zone 8
NTS Mapsheets 105M/15 & 16 and 106D/1 & 2
FILE:...Marg/Marg Geochem 2007/Tables
DATE: NOVEMBER 2007

GRID F

520 000 mE

7 096 000 mN

0.22'

27°05'

True north

Grid north

Magnetic north

Annual change increasing 20.9'

- 2007 Soil Sample Location
- Historic Soil Sample Location

YUKON GOLD CORPORATION, INC.

FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SOIL SAMPLE LOCATION MAP GRID F

MARG PROPERTY

0 0.35 0.7

kilometres NAD83 Zone 8

NTS Mapsheets 105M/15 &16 and 106D/1 & 2

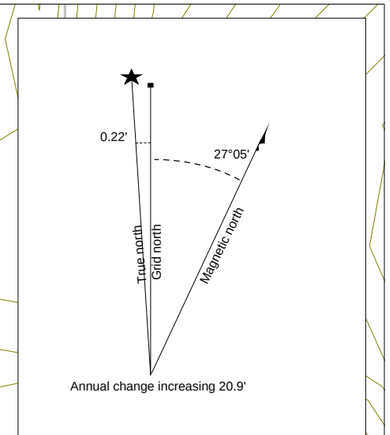
FILE:...Marg/Marg Geochem 2007/Tables

DATE: NOVEMBER 2007

GRID G

518 000 mE

7 094 000 mN



- 2007 Soil Sample Location
- Historic Soil Sample Location

CC29272 CC29271 CC29270 CC29269 CC29268 CC29267 CC29266 CC29265 CC29264 CC29263 NS NS NS NS CC29262 CC29261 CC29260 CC29259 CC29258 CC29257 CC29256 NS NS CC29289 NS CC29290 CC29291 CC29292 CC29293 CC29294 CC29295 CC29296 CC29297 CC29298 CC29299 NS CC29300 CC29401 CC29402 CC29283 CC29284 CC29285 CC29286 CC29287 CC29288 CC29273 CC29274 CC29275 CC29276 CC29277 CC29278 CC29279 CC29280 CC29281 NS CC29282 CC29409 CC29408 CC29407 CC29406 CC29405 CC29404 CC29403 CC29388 CC29387 CC29386 CC29385 CC29384 NS CC29383 CC29382 CC29381 CC29380 NS NS CC29379 CC29378 CC29377 CC29376 CC29375 CC29374 CC29373 CC29372 NS CC29371 CC29370 CC29369 NS CC29368 NS CC29367 CC29366 CC29350 CC29349 CC29348 CC29347 NS NS CC29329 CC29328 CC29327 NS CC29326 CC29325 CC29324 CC29323 CC29322 CC29321 NS CC29320 NS CC29319 CC29318 CC29317 CC29316 CC29315 CC29314 CC29313 CC29312 CC29311 CC29310 CC29309 CC29308 CC29307 CC29337 CC29338 CC29339 CC29340 CC29341 CC29342 CC29343 CC29344 CC29345 CC29346 NS CC29336 CC29335 CC29334 CC29333 CC29332 CC29331 CC29330 NS CC29410 NS CC29411 CC29412 CC29413 CC29414 CC29415 CC29416 CC29417 CC29418 CC29419 CC29420 CC29421 NS CC29422 NS CC29423 CC29424 NS CC29425 NS CC29426 NS CC29427 CC29428 CC29429 CC29430 CC29431 CC29432 CC29433 CC29434 CC29435 CC29436 NS CC29463 CC29464 CC29465 CC29466 NS CC29457 NS CC29458 CC29459 CC29460 CC29461 CC29462 CC29456 CC29455 CC29454 CC29453 CC29452 CC29451 CC29472 CC29471 CC29470 CC29469 CC29468 CC29467

YUKON GOLD CORPORATION, INC.

FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SOIL SAMPLE LOCATION MAP GRID G

MARG PROPERTY

0 0.35 0.7

kilometres NAD83 Zone 8

NTS Mapsheets 105M/15 &16 and 106D/1 & 2

FILE:...Marg/Marg Geochem 2007/Tables

DATE: NOVEMBER 2007

respective element.

TABLE II: RECOMMENDED VALUES OF STANDARD SAMPLES

Element	Recommended Assay Value
Gold	0.83 +/- 0.12 g/t
Silver	65.1 +/- 6.7 g/t
Copper	1.49 +/- 0.06 %
Lead	0.29 +/- 0.03 %
Zinc	3.01 +/- 0.17 %

GEOLOGY

Geology of the Marg property and the immediate area is described in detail in Holbek (2005) and Carne and Giroux (2007) and is only summarized here. Lithologies are divided into four major units which are repeated by southeast dipping thrust faults. The two major faults are the Tombstone Thrust and the Robert Service Thrust. One thrust panel contains the Marg Zone while the Jane Zone lies in a structurally lower panel. All rocks are lower greenschist metamorphic grade and, despite evidence of three or more phases of small scale deformation, the rocks within the thrust sheets appear to be largely homoclinal in nature. The thrust panel containing the Marg Zone is composed of repeated sequences of quartzite, quartz-sericite phyllite and black graphite phyllite. The quartz-sericite phyllite is probably the metamorphosed equivalent of felsic to intermediate submarine volcanic tuffaceous rocks. A radiometric age obtained from fission-track dating of zircons in quartz-eye quartz-sericite phyllite in drill core at the Marg Zone has yielded an Early Mississippian age.

MINERALIZATION AND RESULTS

The Marg deposit is a typical fine grained, polymetallic, massive sulphide assemblage comprised principally of pyrite with lesser sphalerite, chalcopyrite and galena. Mineralization is distributed mainly within four relatively continuous, tabular, stacked, massive sulphide bodies, termed A, B, C and D Horizons, that occur within a 100 m thick succession of quartz-sericite phyllite and graphitic phyllite. In detail, the four mineralized horizons may actually consist of two or more close spaced massive or semi-massive sulphide intervals separated by weakly mineralized wall rock. The mineralized horizons are subparallel, striking approximately 060 to 090° and dipping between 40 and 60° south. Moving up section, the horizons become richer in overall metal value from the A Horizon to the D Horizon. The mineralized horizons are up to 23 m thick, averaging 3 to 4 m thick and diamond drilling has traced mineralization for 1200 m along strike and to a depth of 700 m down the dip. The deposit remains open both at depth and along strike.

Diamond drill holes drilled in 2007 consisted of seven holes on the Marg deposit and four holes on geophysical and geochemical targets to the southwest. The seven holes drilled on the Marg deposit were designed to test the extents of the known deposit. Mineralized intersections were achieved in four of seven holes while one hole was abandoned short of its target depth. To the southwest one hole was completed and two abandoned due to thick overburden in the Jane Zone

area. A geophysical anomaly located approximately 6.3 km southwest of the Marg camp was tested with one drill hole. Significant mineralization was not encountered in either area. Drill logs of the 2007 diamond drill holes are located in Appendix III, Certificates of Analysis are given in Appendix IV and a detailed assay summary is given in Appendix V. Grades and thicknesses of the intersections are within the expected range based on results from adjacent holes. The Marg mineralization remains open to extension in unexplored areas down the dip and along strike to the west and east.

GEOCHEMISTRY

Geochemistry in 2007 consisted of seven soil grids throughout the north and northwest of the Marg property. Sampling was conducted on 50 m by 100 m spacing. Grids were chosen to fill gaps between previous soil sampling programs conducted in 1986, 1988 and 1989, and to investigate targets generated from an airborne geophysical survey conducted in 2006. Soil values for copper, zinc and lead on the seven soil grids sampled in 2007 as well as the historic results for samples previously collected are shown in Figures 10-12.

Coincident copper, lead and zinc soil geochemical anomalies resulting from the 2007 soil sampling program were observed in one location on the property. Grid B, directly to the west of the area previously explored by drilling. In this area an alpine glacier deposited a thick mantle of glacial till over the projected extension of the mineralized zones that presumably occupy the creek valley. Surface traces of mineralization in this area are represented by a strongly anomalous lead response as well as elevated levels of the more mobile metals such as copper and zinc. Lead values on all of the other 2007 soil grids are generally not anomalous except for occasional elevated spot values.

Copper and zinc values are anomalous in Grid B as well as in small areas of Grid A, Grid F and Grid G. These anomalies correspond to conductors outlined by the 2006 VTEM geophysical survey.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

B. Gelber B.Sc.

R. C. Carne, M.Sc., P. Geo.

GRID B

GRIDS C, D AND E

GRID A

MARG CAMP

GRID F

GRID G

CLAIM BOUNDARY

7 100 000 mN

7 098 000 mN

7 096 000 mN

7 094 000 mN

7 092 000 mN

515 000 mE

518 000 mE

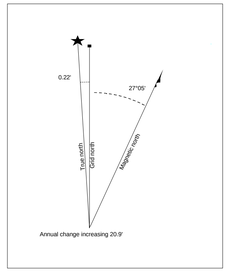
521 000 mE

524 000 mE

527 000 mE

530 000 mE

533 000 mE



Copper (ppm)

- 200 to 2,500
- 150 to 200
- 100 to 150
- 75 to 100
- 50 to 75
- 0 to 50

* Caution: Soil samples within this area analysed using titration method.

Area represented by soil sample locaction maps

Claim Boundary

YUKON GOLD CORPORATION, INC.

FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Cu SOIL GEOCHEMISTRY

MARG PROPERTY

0 1 2

kilometres NAD 83 Zone 8

NTS Map sheets 105H/15 & 16 and 106D/1 & 2

FILE:...Marg/Marg Geochem 2007/Tables

DATE: NOVEMBER 2007

GRID B

GRIDS C, D AND E

GRID A

MARG CAMP

GRID F

GRID G

CLAIM BOUNDARY

515 000 mE
518 000 mE
520 000 mE
523 000 mE
526 000 mE
529 000 mE
530 000 mE
532 000 mE

7 100 000 mN
7 098 000 mN
7 096 000 mN
7 094 000 mN
7 092 000 mN

0.22°
27°05'
True north
Grid north
Magnetic north
Annual change increasing 20.9'

Lead (ppm)

- 250 to 2,000
- 100 to 250
- 75 to 100
- 50 to 75
- 0 to 50
- all others

* Caution: Soil samples within this area analysed using titration method.

Area represented by soil sample locaction maps

Claim Boundary

YUKON GOLD CORPORATION, INC.

FIGURE 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Pb GEOCHEMISTRY

MARG PROPERTY

0 1 2

kilometres NAD 83 Zone 8

NTS Mapsheets 105M/15 & 16 and 106D/1 & 2

FILE:...Marg/Marg Geochem 2007/Tables

DATE: NOVEMBER 2007

GRID B

GRIDS C, D AND E

GRID A

MARG CAMP*

GRID F

GRID G

CLAIM BOUNDARY

516 000 mE
518 000 mE
520 000 mE
522 000 mE
526 000 mE
528 000 mE
530 000 mE
532 000 mE

7 100 000 mN
7 098 000 mN
7 096 000 mN
7 094 000 mN
7 092 000 mN

0.22°
27°05'
True north
Grid north
Magnetic north
Annual change increasing 20.9'

Zinc (ppm)
- 1,000 to 5,000
- 500 to 1,000
- 200 to 500
- 150 to 200
- 100 to 150
- 0 to 100

* Caution: Soil samples within this area analysed using titration method.

Area represented by soil sample locaction maps

Claim Boundary

YUKON GOLD CORPORATION, INC.

FIGURE 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Zn SOIL GEOCHEMISTRY

MARG PROPERTY

0 1 2

kilometres NAD 83 Zone 8

NTS Mapsheets 105M/15 & 16 and 105O/1 & 2

FILE:...Marg/Marg Geochem 2007/Tables

DATE: NOVEMBER 2007

REFERENCES

Carne R. C. and Giroux G.

2007 Geology, Geochemistry, Geophysics, Diamond Drilling and Resource Estimation at the Marg Project, prepared for Yukon Gold Corporation, Inc.

Holbek, Peter. M

2005 Technical Report on the Marg Volcanogenic Massive Sulphide Property, prepared for Yukon Gold Corporation, Inc. 45 pp.

APPENDIX I

CLAIM SUMMARY

CLAIM SUMMARY

Claim Name	Grant Number	Mining District	Expiry Date*
Tudl 1-32	YA76768-YA76799	Mayo	January 14, 2016
Marg 1-24	YB02385-YB02408	Mayo	January 14, 2015
25-58	YB02409-YB02442	Mayo	January 14, 2015
59-86	YB02443-YB02470	Mayo	January 14, 2015
87-144	YB02471-YB02528	Mayo	January 14, 2011
145-158	YB02580-YB02593	Mayo	January 14, 2015
159-178	YB02594-YB02613	Mayo	January 14, 2011
179-190	YB02944-YB02955	Mayo	January 14, 2015
191-236	YB03107-YB03152	Mayo	January 14, 2015
237-290	YB03153-YB03206	Mayo	January 14, 2015
291-308	YB03606-YB03623	Mayo	January 14, 2015
309-310	YB03624-YB03625	Mayo	January 14, 2008
311-328	YB03626-YB03643	Mayo	January 14, 2015
329-330	YB03644-YB03645	Mayo	January 14, 2008
331-370	YB03646-YB03685	Mayo	January 14, 2015

APPENDIX II

STATEMENTS OF QUALIFICATIONS

STATEMENTS OF QUALIFICATION

I, Benjamin D.J. Gelber, geologist, with business address in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Vancouver, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 2002 with a B.Sc. majoring in Geological Sciences.

2. From 2005 to present, I have been actively engaged as a geologist in mineral exploration in the Yukon Territory.

3. I have personally participated in or supervised the field work reported herein and have interpreted all data resulting from this work.

Benjamin D.J. Gelber, B.Sc.

I, Robert C. Carne, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Burnaby, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 1974 with a B.Sc. and in 1979 with a M.Sc. majoring in Geological Sciences.

2. I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (registration number 19868).

3. From 1974 to present, I have been actively engaged as a geologist in mineral exploration in British Columbia and Yukon Territory.

4. I have personally participated in or supervised the field work reported herein and have interpreted all data resulting from this work.

Robert C. Carne, M.Sc., P.Geo.

APPENDIX III

DIAMOND DRILL LOGS

PROJECT - MARG

PROPERTY: MARG

HOLE: DDH-07-97

Easting	Northing	Elev.	Depth (m)
525972.963	7098061.910	1425.884	472.44

Contractor: Caron Diamond Drilling
Drill: Longyear D-38

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	010	-72	Brunton				

Core size: HQ/NQ
Casing depth: 12.19 (m) **in/out**

Drilling dates: June 13-26, 2007

Logged by: Ben Gelber

Target: Massive sulphide horizons D1 through A1.

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments
349.22	350.82	1.6	SUMS	Massive Sx w/ FG Py, Cp, Po, Sp and Ga
350.82	351.81	0.99	QMPH	QMPH w/ disseminated Sx.
351.81	352.32	0.51	SUMS	Massive Sx w/ FG Py, Cp, Po, Sp and Ga
352.32	354.43	2.11	QMPH	QMPH w/ disseminated Sx.
354.43	355.43	1	SUMS	Massive Sx w/ FG Py, Cp, Po, Sp and Ga
355.43	356.53	1.1	SUSM	Semi-MA Sx in QMPH gangue
356.53	374.70	18.17	QMPH	QMPH unmineralized host rock

SAMPLES	
Numbers:	C487501 - C487522
Total:	22
Date sent:	July 7, 2007

COMMENTS

PROPERTY: MARG **HOLE:** DDH-07-97

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.			MINERALS				SAMPLES From (m	To (m)	Interval (m	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	Blocks From (m)	To (m)	Intvl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weatherin	Hardnes	JOINTS Frequency	Attitude	Shape	Roughnes	Infilling
		0.00	12.46	12.46	OVB				OVB																	0.00	7.92	7.92	0.00	0	0.00	0	-	-	-	-	-	-	-
																										7.92	10.97	3.05	0.45	15	0.00	0	HW	W	>20	-	-	-	-
																										10.97	12.46	1.49	0.00	0	0.00	0	HW	W	>20	-	-	-	-
LA		12.46	22.57	10.11	QMPH		SH	LA	GY thinly LA QMPH. GY w/ slight oxide staining on surfaces. Minor Gr. Contains bands of Ca and Qz. Intense folding visible locally. Minor ser alteration locally. Trace Py. LA at 65 deg.	oxi	ser		Ak	Gr	Se	Py										12.46	14.02	1.56	1.40	90	0.00	0	MW	W	>20	40	5	4	Gr
																										14.02	16.20	2.18	1.12	51	0.17	8	HW	W	>20	50	4	4	Gr
																										16.20	17.06	0.86	0.84	98	0.00	0	HW	W	>20	55	4	4	Gr
																										17.06	17.98	0.92	0.79	86	0.00	0	MW	VW	>20	-	5	4	Gr
																										17.98	20.11	2.13	2.13	100	0.53	25	MW	W	12	35	4	4	Gr
																										20.11	21.33	1.22	1.22	100	0.42	34	MW	W	13	40	4	4	Gr
LA	65	22.57	32.62	10.05	QZIT		SH	LA	GY LA QZIT. Minor Gr and Py. Alternating LA of WH Qz and GR QZIT. Bands of recrystallized crosscutting at VT's up to 10 cm w/ trace Py. LA at 65 deg.	oxi			Gr	Py	Ca											21.33	24.07	2.74	2.55	93	0.45	16	MW	W	12	70	5	5	Gr
									(24.33-25.22m) GY thinly LA QMPH w/ minor Gr. Slight oxidation.	oxi															24.07	25.45	1.38	1.20	87	0.10	7	MW	W	>20	55	4	4	Gr
																										25.45	26.21	0.76	0.76	100	0.61	80	MW	W	7	30	5	5	Gr
																										26.21	27.27	1.06	1.06	100	0.59	56	MW	W	12	50	4	4	Gr
																										27.27	29.26	1.99	1.99	100	0.58	29	MW	W	11	50	5	4	Gr
																										29.26	32.36	3.10	2.97	96	0.50	16	MW	W	13	50	4	4	Gr
LA	65	32.62	36.87	4.25	QMPH		SH	LA	GN LA QMPH. Thinly LA w/ bands of Qz, Se, Mu and thin LA of Ak, Si, Ca and trace Py assoc. w/ Qz bands. Intense ser alteration. Unit is v. bleached. LA at 65 deg.	ser	car	oxi	Se	Ak	Si	Py										32.36	36.56	4.20	3.54	84	0.34	8	MW	W	11	56	4	5	Gr
LA	65	36.87	46.52	9.65	QZIT		SH	LA	GY LA QZIT. VT's of WH Qz and GY QZIT w/ Gr, Ak, Si, Ca and Tr. Py. Xcutting VT's of WH Qz up to 5 cm. Small nested intervals of QMPH w/ strong Gr up to 20 cm. LA at 65 deg.	car	oxi		Gr	Ak	Si	Ca										36.56	38.70	2.14	2.13	100	0.48	22	MW	W	>20	55	4	4	Gr
																										38.70	40.54	1.84	1.84	100	0.21	11	MW	W	17	72	4	4	Gr
																										40.54	43.28	2.74	2.74	100	0.46	17	MW	W	14	72	4	4	Gr
																										43.28	46.32	3.04	3.05	100	0.63	21	SW	W	13	66	4	4	Gr
LA	70	46.52	57.29	10.77	QMPH		SH	LA	GN QMPH. Strong ser, car alteration. Strongly LA at 70 deg w/ bands of Se, Qz, Mu, Ak, and Ca. Trace Py assoc. w/ Qz. Unit becomes strongly graphitic toward bottom of unit. Grades into GY QMPH	ser	car		Se	Qz	Ak	Gr										46.32	49.30	2.98	2.98	100	1.31	44	SW	MS	7	70	4	3	Gr
																										49.30	50.59	1.29	1.13	88	0.39	30	SW	MS	8	58	4	3	Gr
									(51.45-53.74m) nested interval of folded LA QZIT																50.59	53.64	3.05	3.05	100	0.80	26	FR	MS	12	45	5	4	Gr
									(54.27-54.84m) nested interval of folded LA QZIT.																53.64	56.69	3.05	3.05	100	1.39	46	FR	MS	17	65	4	4	Gr
																										56.69	58.82	2.13	2.13	100	0.62	29	FR	W	18	70	4	4	Gr
LA	65	57.29	61.00	3.71	QZIT		SH	LA	GY LA QZIT. Bands of WH Qz and GY QZIT w/ thin laminations of Gr. Minor Ca and trace Py. LA at 65 deg.	car			Gr	Ca	Py										58.82	59.74	0.92	0.92	100	0.10	11	FR	W	16	58	3	4	Gr
		61.00	61.87	0.87	FLT		FLT		FLT w/ crushed rong and GO. Contains WH Ca.				GO	Ca											59.74	61.87	2.13	1.64	77	0.38	18	FR	W	16	72	3	4	Gr
LA	70	61.87	78.91	15.04	QMPH		SH	LA	GY QMPH. Strongly LA w/ v. strong Ca. Abundant Gr as thin laminae. Trace Py assoc. w/ Qz. Ak assoc. w/ Ca. LA at 70 deg. Strong tectonic foliation.	car			Ca	Gr	Ak	Py										61.87	63.39	1.52	1.52	100	0.10	7	FR	W	17	85	4	4	Gr
																										63.39	64.92	1.53	1.46	95	0.26	17	FR	MS	18	35	5	4	Gr
																										64.92	65.85	0.93	0.93	100	0.11	12	FR	EW	16	40	5	4	Gr
																										65.85	66.75	0.90	0.90	100	0.40	44	FR	VW	11	75	4	5	Gr
																										66.75	68.88	2.13	2.13	100	0.71	33	FR	W	16	30	5	5	Gr
																										68.88	71.93	3.05	3.00	98	1.20	39	FR	W	17	60	5	5	Gr
									(68.60-70.00m) GY LA QZIT. Same as above.	car			Ca	Py	Gr										71.93	74.98	3.05	3.05	100	1.55	51	FR	W	6	65	4	5	Gr

PROPERTY: MARG **HOLE:** DDH-07-97

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.			MINERALS				SAMPLES From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	Blocks From (m)	To (m)	Intvl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weatherin	Hardnes	JOINTS Frequency	Attitude	Shape	Roughnes	Infilling
LA	65	76.91	80.75	3.84	QZIT		SH	LA	GY LA QZIT. VN's of WH Qz and Ca and dark bands of QZIT w/ thin laminae of Gr. Minor Py. Moderate to abundant Ca. LA at 65 deg.	car			Ca	Gr	Py											74.98	78.02	3.04	3.04	100	1.83	60	FR	MS	7	50	4	5	Gr
LA	70	80.75	86.10	5.35	QMPH		SH	LA	GY QMPH. Extremely LA and folded. Strong Ca. Many vuggy areas where Ca has dissolved. Strong Gr and trace Py. LA at 70 deg. Strong tectonic fabric.	car			Ca	Gr	Py											78.02	81.07	3.05	3.05	100	0.87	29	FR	MS	5	50	4	3	Gr
																										81.07	83.52	2.45	2.33	95	0.87	27	FR	VW	11	65	5	4	Gr
LA	65	86.10	88.75	2.65	QZIT		SH	LA	GY LA QZIT. Strong LA w/ WH Qz and Ca bands and GY QZIT w/ Gr laminae. Med to strong Ca. Trace Py assoc. w/ Qz and on Fx surfaces. LA at 65 deg.	car			Ca	Gr	Py											83.52	86.56	3.04	3.04	100	1.60	53	FR	MS	8	72	5	5	Gr
C	60	88.75	89.35	0.60	FLT		FLT		FLT w/ dark GY to BK graphitic gouge. Contains crushed rock and GO. HW contact 60 deg.																	86.56	87.78	1.22	1.22	100	0.00	0	FR	VW	>20	65	5	5	Gr
C	60	89.35	90.76	1.41	QMPH		SH	LA	Dark GY QMPH. Extremely LA and folded. Strong Ca. Strong Gr and trace Py. Gr on surfaces. HW contact 40 deg, LA at 60 deg. Tectonic fabric.	car			Ca	Gr	Py											87.78	90.22	2.44	2.44	100	0.54	22	FR	EW	>20	55	5	5	Gr
C	40	90.76	98.14	7.38	QZIT		SH	LA	GY LA QZIT. Strong LA w/ WH Qz and Ca bands and GY QZIT w/ Gr laminae. Med to strong Ca. Trace Py assoc. w/ Qz bands and VT's up to 10 cm. Ca dissolved in areas leaving vuggy texture. LA at 65 deg, HW contact 40 deg.	car			Ca	Gr	Py											90.22	93.27	3.05	3.03	99	0.97	32	FR	W	15	75	5	5	Gr
																										93.27	94.75	1.48	1.48	100	0.00	0	FR	W	10	70	5	3	Gr
																										94.75	97.75	3.00	2.74	91	1.04	35	FR	W	5	50	5	4	Gr
C	50	98.14	100.86	2.72	FLT		FLT		Large FLT w/ GO and broken rock. HW contact 50 deg. Possibly hanging wall fault contact.																	97.75	99.36	1.61	1.61	100	0.47	29	FR	VW	11	85	4	4	Gr
LA	50	100.86	107.29	6.43	QMPH		SH	LA	GY LA QMPH. Strong LA of WH Qz and decreasing amounts of Ca. Bands od GY QZIT w/ Gr laminae. Weak Ca. Trace Py assoc. w/ Qz bands and and VT's. LA at 50 deg. Unit contains two small FLT's or Fx's <10cm each w/ GO and crushed rock. Unit has been significantly recystallized.																	99.36	102.41	3.05	2.06	68	0.00	0	FR	EW	>20	70	5	5	Gr
																										102.41	105.00	2.59	2.60	100	1.08	42	FR	VW	5	64	5	5	Gr
																										105.00	107.59	2.59	2.55	98	0.64	25	FR	W	10	45	5	5	Gr
C	60	107.29	107.50	0.21	FLT		FLT		FLT w/ GO and crushed rock. HW contact 60 deg.																	107.59	108.51	0.92	0.87	95	0.31	34	FR	W	10	52	5	5	Gr
SH	60	107.50	118.92	11.42	QMPH		SH		GY QMPH. Recrystallized and sheared into thick laminae. Weak to med. chl and ser alt. Minor to tr. Gr and Py. **Significant contact here between GY QMPH and QZIT, and BK QGPH**	chl	ser		Cl	Se	Gr	Py											108.51	110.64	2.13	1.81	85	1.32	62	FR	W	5	60	5	5	Gr
																										110.64	111.56	0.92	0.92	100	0.92	100	FR	W	5	58	5	5	Gr
																										111.56	113.38	1.82	1.20	66	0.00	0	FR	VW	>20	70	4	4	Gr
																										113.38	115.67	2.29	2.29	100	0.59	26	FR	VW	15	80	4	5	Gr
																										115.67	118.56	2.89	2.90	100	0.00	0	FR	VW	15	70	2	4	Gr
LA	60	118.92	196.90	77.98	QGPH		SH	LA	BK and WH LA QGPH. Strongly SH and LA alternating bands of BK Gr and WH Qz. 2-5% Py locally and locally car altered. Minor Py throughout unit. Gr locally massive. Occasional Qz VT's Xcutting laminations up to 10 cm. LA at an average of 60 deg.	car			Py	Ca												118.56	121.61	3.05	2.05	67	0.36	12	FR	W	10	70	4	3	Gr
																										121.61	124.66	3.05	3.05	100	1.37	45	FR	W	5	65	3	4	Gr
																										124.66	127.71	3.05	3.05	100	1.24	41	FR	W	5	45	4	4	Gr
LA	60								(128.00 - 130.69) nested GY QZIT. Strongly folded and LA. Laminations of Gr and pure Qz. VN's of Qz up to 35 cm Xcutting unit. LA at 60 deg.				Gr	Py	Cl											127.71	130.76	3.05	3.05	100	0.13	4	FR	W	5	60	5	4	Gr
																										130.76	132.28	1.52	1.52	100	0.00	0	FR	VW	10	72	4	5	Gr

PROPERTY: MARG **HOLE:** DDH-07-87

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	LITHOLOGY To (m)	LITHOLOGY Interval (m)	LITHOLOGY Type	LITHOLOGY Unit	LITHOLOGY Texture	LITHOLOGY Modifier	Notes:	ALT.			MINERALS			SAMPLES From (m)	SAMPLES To (m)	SAMPLES Interval (m)	SAMPLES Sample	SAMPLES Cu (%)	SAMPLES Zn (%)	SAMPLES Pb(%)	SAMPLES Ag (%)	SAMPLES Au (%)	Blocks From (m)	Blocks To (m)	Blocks Intvl. (m)	GEOTECHNICAL REC (m)	GEOTECHNICAL REC Percent	GEOTECHNICAL RQD (m)	GEOTECHNICAL RQD Percent	GEOTECHNICAL Weatherin	GEOTECHNICAL Hardnes	JOINTS Frequency	JOINTS Attitude	JOINTS Shape	JOINTS Roughnes	JOINTS Infilling
																									132.28	134.42	2.14	1.26	59	0.00	0	FR	VW	15	85	4	5	Gr
																									134.42	136.55	2.13	2.13	100	0.28	13	FR	VW	10	85	4	5	Gr
																									136.55	138.99	2.44	2.24	92	0.25	10	FR	W	5	80	5	5	Gr
																									138.99	141.73	2.74	2.74	100	0.96	35	FR	W	5	80	4	5	Gr
																									141.73	143.26	1.53	1.27	83	0.15	10	FR	W	5	80	4	5	Gr
																									143.26	145.08	1.82	1.82	100	0.54	30	FR	W	5	85	4	5	Gr
																									145.08	147.27	2.19	2.16	99	0.21	10	FR	VW	15	82	4	5	Gr
																									147.27	149.35	2.08	2.03	98	0.10	5	FR	VW	>20	72	4	4	Gr
																									149.35	150.57	1.22	1.17	96	0.00	0	FR	VW	10	80	4	3	Gr
																									150.57	152.40	1.83	1.83	100	0.55	30	FR	W	5	80	4	3	Gr
																									152.40	155.45	3.05	3.05	100	1.02	33	FR	W	5	78	4	3	Gr
																									155.45	157.28	1.83	1.83	100	0.62	34	FR	W	10	75	4	4	Gr
																									157.28	160.02	2.74	2.74	100	0.91	33	FR	VW	15	82	4	3	Gr
																									160.02	162.46	2.44	1.67	68	0.92	38	FR	VW	15	70	4	4	Gr
																									162.46	166.73	4.27	3.11	73	0.69	16	FR	VW	15	85	4	5	Gr
																									166.73	168.70	1.97	1.97	100	1.89	96	FR	W	5	85	4	4	Gr
																									168.70	171.90	3.20	3.13	98	2.56	80	FR	W	5	82	4	4	Gr
																									171.90	174.96	3.06	2.53	83	0.10	3	FR	VW	15	50	4	4	Gr
																									174.96	176.93	1.97	1.97	100	0.22	11	FR	W	15	78	4	4	Gr
																									176.93	178.55	1.62	1.62	100	0.00	0	FR	W	15	50	4	4	Gr
																									178.55	181.50	2.95	2.95	100	1.17	40	FR	W	5	45	5	3	Gr
									(180.29 - 181.20) nested QMPH. LA at 70 deg. Banded w/ Gr laminations and trace Py. High Ferroan carbonate content.	car			Ca	Py											181.50	184.71	3.21	2.32	72	0.51	16	FR	W	5	88	4	3	Gr
																									184.71	187.75	3.04	3.04	100	0.85	28	FR	W	5	80	4	3	Gr
																									187.75	190.80	3.05	3.05	100	0.75	25	FR	W	10	80	4	3	Gr
									(192.33 - 192.73) small FLT																190.80	192.63	1.83	1.44	79	0.00	0	FR	VW	10	75	4	3	Gr
																									192.63	193.85	1.22	0.88	72	0.13	11	FR	W	10	80	4	4	Gr
																									193.85	194.76	0.91	0.91	100	0.00	0	FR	W	15	83	4	4	Gr
																									194.76	196.90	2.14	0.51	24	0.00	0	FR	VW	20	85	5	5	Gr
		196.90	202.69	5.79	FLT		FLT		Large VOID. Interpreted to be a large FLT. No recovery.																196.90	197.51	0.61	0.00	0	0.00	0	-	-	-	-	-	-	-
																									197.51	199.99	2.48	0.00	0	0.00	0	-	-	-	-	-	-	-
																									199.99	202.99	3.00	0.00	0	0.00	0	-	-	-	-	-	-	-
LA	50	202.69	274.83	72.14	QGPH		SH	LA	BK and WH QGPH. Alternating BK Gr and WH Qz w/ minor Ca and 2-3% Py throughout. Xcutting VN's of Qz up to 10 cm w/ assoc. trace Cl. Unit is very sheared and laminated w/ intense folding visible locally. Py occurs as subhedral to EU xtals that display elongation along SH axis. LA varies throughout unit 45 - 55 deg. Strong tectonic fabric.	car			Qz	Cl	Py										202.99	206.04	3.05	2.65	87	1.48	49	FR	W	5	75	5	5	Gr
									(206.39 - 207.00 m) CARB. Appears to be QMPH overprinted w/ high ferroan carbonate content. Unit has porphyroblastic texture w/ relic laminations visible.	car													206.04	209.09	3.05	3.04	100	1.18	39	FR	VW	5	72	4	5	Gr
																									209.09	212.14	3.05	3.05	100	1.74	57	FR	W	5	50	4	4	Gr
																									212.14	215.18	3.04	3.04	100	2.13	70	FR	W	5	50	4	3	Gr
																									215.18	216.71	1.53	1.53	100	0.90	59	FR	W	5	70	4	3	Gr
																									216.71	218.23	1.52	1.52	100	1.26	83	FR	W	5	70	4	4	Gr
																									218.23	221.28	3.05	3.00	98	1.54	50	FR	W	5	55	5	5	Gr
																									221.28	224.33	3.05	3.05	100	1.56	51	FR	W	10	80	4	3	Gr
																									224.33	227.38	3.05	3.04	100	2.46	81	FR	W	5	80	4	4	Gr
																									227.38	230.43	3.05	3.05	100	2.19	72	FR	W	5	72	5	3	Gr
																									230.43	233.48	3.05	3.05	100	1.38	45	FR	W	5	75	4	4	Gr
																									233.48	236.52	3.04	2.95	97	2.70	89	FR	W	5	80	4	5	Gr
																									236.52	239.57	3.05	3.01	99	2.21	72	FR	W	2	74	5	4	Gr
																									239.57	242.62	3.05	3.05	100	2.08	68	FR	W	3	26	4	4	Gr
																									242.62	245.67	3.05	3.05	100	2.47	81	FR	W	4	75	5	5	Gr
																									245.67	248.73	3.06	3.03	99	1.61	53	FR	W	3	72	4	3	Gr
																									248.73	251.76	3.03	3.01	99	1.47	49	FR	W	3	55	4	4	Gr

PROPERTY: MARG **HOLE:** DDH-07-97

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.			MINERALS				SAMPLES From (m	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	Blocks From (m)	To (m)	Incvl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weatherin	Weathering	JOINTS Frequency	Attitude	Shape	Roughnes	Infilling
																										251.76	254.81	3.05	3.05	100	2.52	83	FR	W	3	80	4	4	Gr
																										254.81	257.86	3.05	3.05	100	2.09	69	FR	W	5	70	4	4	Gr
																										257.86	263.96	6.10	3.08	50	1.69	28	FR	W	2	52	4	3	Gr
																										263.96	266.40	2.44	2.40	98	0.83	34	FR	W	6	30	4	3	Gr
																										266.40	266.85	0.45	0.40	89	0.16	36	FR	W	6	30	4	4	Gr
																										266.85	270.16	3.31	3.30	100	1.76	53	FR	W	2	60	4	4	Gr
																										270.16	273.10	2.94	2.94	100	1.83	62	FR	W	3	50	4	4	Gr
LA	50	274.83	285.29	10.46	CARB		SH	LA	GN QMPH. Unit is strongly SH and LA w/ intense Se and Ca. Intense ser alteration. Contains Ca, Ak, Se, Mu, Qz w/ trace Py and GN Ba? Xcutting VT's of Qz up to 2.0cm. LA at 50 deg.	ser	car		Se	Ca	Ak	Ba												273.10	276.14	3.04	3.04	100	1.32	43	FR	W	3	80	4	4	Gr
																										276.14	278.58	2.44	2.44	100	1.53	63	FR	W	4	48	5	3	Gr
																										278.58	279.50	0.92	0.92	100	0.29	32	FR	W	8	52	5	3	Gr
									(280.90 - 281.80 m) Nested interval of QGPH. Minor Ca. SH and folded, trace Py. Brecciated at FW contact.	car														279.50	282.24	2.74	2.44	89	1.32	48	FR	W	9	85	5	4	Gr
																										282.24	285.29	3.05	0.80	26	0.17	6	FR	W	7	75	5	4	Gr
LA	60	285.29	314.85	29.56	QGPH		SH	LA	BK and WH QGPH. LA of BK Gr w/ WH Qz and Ca. minor Ca. Intensely folded, minor Py, frequent xcutting VT's of Qz. Slight brecciation assoc. w/ Qz VT's. LA vary due to folds from 0-70 deg. Average ~60 deg.	car			Ca	Py														285.29	288.34	3.05	2.99	98	0.89	29	FR	W	13	78	4	3	Gr
																										288.34	291.38	3.04	2.34	77	0.62	20	FR	W	8	70	4	3	Gr
																										291.38	294.43	3.05	3.05	100	0.22	7	FR	VW	10	85	4	3	Gr
																										294.43	297.48	3.05	3.05	100	1.99	65	FR	W	8	80	4	3	Gr
																										297.48	300.53	3.05	3.05	100	1.73	57	FR	W	5	82	4	3	Gr
																										300.53	303.58	3.05	1.72	56	1.69	55	FR	W	3	5	4	4	Gr
																										303.58	306.62	3.04	3.04	100	1.34	44	FR	W	4	65	4	5	Gr
																										306.62	309.67	3.05	2.92	96	1.07	35	FR	W	7	74	5	5	Gr
																										309.67	311.51	1.84	1.84	100	1.21	66	FR	W	6	60	5	4	Gr
																										311.51	312.72	1.21	1.21	100	0.00	0	FR	W	15	60	4	3	Gr
																										312.72	314.40	1.68	1.68	100	0.00	0	FR	W	20	55	4	4	Gr
LA	50	314.85	338.18	23.33	QMPH		SH	LA	GY QMPH. Intensely SH and LA. Moderate Ca. Xcutting VT's of Qz and ferroan carbonates up to 1.5cm. Moderate Cl, minor Gr. LA varies throughout unit averaging 50	car	chl		Ca	Ak	Cl	Gr												314.40	316.99	2.59	2.59	100	0.89	34	FR	W	7	80	4	3	Gr
																										316.99	320.04	3.05	3.05	100	1.46	48	FR	W	5	70	4	3	Gr
																										320.04	323.08	3.04	3.00	99	1.08	36	FR	W	5	57	4	5	Ca
																										323.08	324.92	1.84	1.84	100	0.47	26	FR	W	11	75	4	5	Ca
																										324.92	327.96	3.04	3.04	100	1.57	52	FR	W	6	75	4	4	Gr
																										327.96	331.01	3.05	3.05	100	1.16	38	FR	W	11	60	4	3	Gr
																										331.01	333.45	2.44	2.39	98	0.56	23	FR	W	12	85	4	4	Gr
																										333.45	334.95	1.50	1.50	100	0.00	0	FR	W	15	90	4	4	Gr
																										334.95	335.74	0.79	0.79	100	0.00	0	FR	W	15	65	4	3	Gr
C	50	338.10	338.43	0.33	FLT				FLT w/ crushed rock and gouge. HW contact 50 deg.																	335.74	338.93	3.19	1.63	51	0.98	30	FR	W	3	75	4	4	Gr
LA	50	338.43	340.83	2.40	QMPH		SH	LA	QMPH same as above	car	chl		Ca	Ak	Cl	Gr												338.93	341.07	2.14	2.14	100	0.58	27	FR	W	8	78	4	3	Gr
LA	60	340.83	345.64	4.81	QGPH		SH	LA	BK and WH QGPH. Intensely folded and LA. Alternating LA of BK Gr and WH Qz w/ minor Ca. Trace Py. Average LA 60 deg.	car			Ca														341.07	342.59	1.52	1.52	100	0.00	0	FR	VW	14	78	4	4	Gr
LA	50	345.64	346.62	0.98	QMPH		SH	LA	GY QMPH. SH, folded and LA. Strong Ca. Xcutting VT's of Ca, Ak, and Qz. Minor Py. LA at 50 deg.	car			Ca	Ak	Qz	Py	345.64	346.62	0.98	C487501	<0.01	0.02	<0.01	0.1	0.02	342.59	345.64	3.05	3.05	100	0.92	30	FR	W	6	60	4	5	Ca
LA	60	346.62	346.95	0.33	QMPH		SH	LA	GY QMPH w/ disseminated to semi MA sulphides. Abundant Py w/ Cp and Po visible. Unit is banded and LA at 60 deg.				Py	Cp	Po		346.62	346.95	0.33	C487502	2.73	5.83	1.90	67.1	0.47	345.64	348.38	2.74	2.74	100	1.23	45	FR	W	7	45	4	3	Gr
LA	40	346.95	349.22	2.27	QMPH		SH	LA	GY QMPH. SH, folded and LA. Strong Ca. Xcutting VT's of Ak, Ca, and Qz. Minor Py. LA at 50 deg.	car			Ca	Ak	Qz	Py	346.95	348.38	1.43	C487503	0.06	0.10	0.03	2.1	0.21	348.38	349.91	1.53	1.53	100	0.30	20	FR	W	20	78	4	4	Ca
																	348.38	349.22	0.84	C487504	0.57	1.35	0.50	21.4	0.33														
																	BLANK			C487505	<0.01	<0.01	<0.01	0.1	<0.005														

PROPERTY: MARG **HOLE:** DDH-07-87

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.			MINERALS			
LA	65	349.22	350.82	1.60	SUMS		MA	LA	MA sulphides. LA, FG Py, Cp, Po, Sp, and Ga. LA at 65 deg.				Py	Cp	Po	Sp
LA	55	350.82	351.81	0.99	QMPH		SH	LA	QMPH w/ disseminated sulphides. Bands of QMPH w/ bands of FG Py, Cp, Po, Sp, and Ga. Locally semi-MA. LA at 55 deg. No apparent car alt.				Py	Cp	Po	Sp
LA	55	351.81	352.32	0.51	SUMS		MA	LA	MA sulphides. LA FG Py, Cp, Po, Sp, Ga. LA at 55 deg.				Py	Cp	Po	Sp
LA	50	352.32	354.43	2.11	QMPH		SH	LA	QMPH w/ disseminated Sx. Bands of Py, Cp, Po, Sp, and Ga w/ bands of QMPH. No apparent car alt. LA at 50 deg.				Py	Cp	Po	Sp
LA	50	354.43	355.43	1.00	SUMS		MA	LA	MA sulphides. LA, FG Py, Cp, Po, Sp, and Ga. LA at 50 deg.				Py	Cp	Po	Sp
LA	55	355.43	356.53	1.10	SUSM		SH	LA	Semi-MA Py, Cp, Po, Sp, and Ga in altered QMPH gangue. Sx locally MA. LA at 55 deg.				Py	Cp	Po	Sp
LA	50	356.53	374.70	18.17	QMPH		SH	LA	GY QMPH. Stgrongly folded, SH and LA. Moderate Ca and Se. Contains Ak, Ca, Se w/ minor Gr and trace Py. LA at 50 deg. Unit very broken locally. Xcutting VT's of Ak and Qz. Local intercallations of Gr LA.	car	ser		Ak	Se	Gr	Py
C	60	374.70	377.38	2.68	CARB		MA		GY CARB unit MA, little folding, shearing or laminations. Minor to trace Gr. Xcitting VT's of Ca and Ak up to 1.0 cm. HW contact 60 deg. Possibly an altered mafic dyke.	car			Ca	Ak	Gr	
LA	65	377.38	381.30	3.92	QMPH		SH	LA	GY QMPH, strongly folded, SH, and LA. Moderate Ca. Contains Ca, Ak, Gr w/ minor Cl and trace Py. LA at 65 deg.	car			Ca	Ak	Gr	Py
C	45	381.30	383.43	2.13	FLT		FLT		FLT w/ GO and crushed rock. Actually two smaller FLTs on either end of interval w/ crushed rock in between. HW contact 45 deg.							
LA	65	383.43	408.79	25.36	QMPH		SH	LA	GY QMPH. Strongly folded, SH and LA. Moderate Ca and Se. Unit contains Ca, Ak, Se, Gr, Cl and trace Py. Xcutting VT's of Qz w/ car and Ak. Contains one small ~10.0cm FLT. Unit quite broken locally. LA varies throughout unit. Average ~ 65 deg. Unit contains very distinct tectonic fabric. Kaolinite present near footwall. lack of delicate LA and textures.	car	ser	chl	Ca	Ak	Cl	Se

SAMPLES From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)
349.22	350.02	0.80	C487506	3.23	7.56	4.20	123.0	1.39
350.02	350.82	0.80	C487507	2.93	8.71	4.41	117.0	1.45
DUPLICATE			C487508	2.87	8.87	4.44	117.0	1.16
350.82	351.81	0.99	C487509	1.46	3.83	1.89	53.0	0.55
DUPLICATE			C487510	1.42	3.58	1.75	52.1	0.57
351.81	352.32	0.51	C487511	1.82	6.26	3.07	71.6	1.30
STANDARD			C487512	1.50	2.85	0.25	64.8	0.87
352.32	353.43	1.11	C487513	2.80	3.34	1.44	50.4	0.40
353.43	354.43	1.00	C487514	0.23	0.69	0.39	7.6	0.13
354.43	355.43	1.00	C487515	4.10	5.53	1.76	51.3	1.08
355.43	356.53	1.10	C487516	4.61	2.25	0.85	40.9	1.19
356.53	358.00	1.47	C487517	0.13	0.08	0.03	1.5	0.12

Blocks From (m)	To (m)	Incrl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weatherin	Hardnes	JOINTS Frequency	Attitude	Shape	Roughnes	Infilling
349.91	351.73	1.82	1.82	100	1.05	58	FR	W	8	75	4	4	Ca
351.73	353.68	1.95	1.95	100	0.75	38	FR	W	7	60	4	4	Ca
356.31	358.59	2.28	2.26	99	0.90	39	FR	W	6	80	5	4	Ca
358.59	359.66	1.07	1.07	100	0.14	13	FR	VW	6	45	5	5	Ca
359.66	362.10	2.44	2.44	100	0.41	17	FR	W	8	60	5	4	Ca
362.10	365.15	3.05	1.50	49	0.25	8	FR	W	8	50	5	4	Ca
365.15	366.30	1.15	0.50	43	0.00	0	FR	VW	18	65	4	4	Gr
366.30	367.58	1.28	0.42	33	0.00	0	FR	VW	20	0	4	4	Gr
367.58	368.96	1.38	1.38	100	0.00	0	FR	VW	18	0	4	3	Gr
368.96	370.65	1.69	1.70	101	0.00	0	FR	W	18	60	4	4	Gr
370.65	373.07	2.42	2.42	100	0.61	25	FR	W	9	80	4	4	Gr
373.07	376.12	3.05	3.05	100	0.49	16	FR	W	10	60	5	5	Ca
376.12	378.56	2.44	2.44	100	1.46	60	FR	W	2	85	5	4	Ca
378.56	379.78	1.22	0.99	81	0.64	52	FR	W	5	80	5	3	Ca
379.78	382.21	2.43	2.42	100	0.74	30	FR	W	15	50	5	4	Ca
382.21	383.43	1.22	1.22	100	0.00	0	FR	W	18	45	5	4	Ca
383.43	385.87	2.44	2.44	100	0.80	33	FR	W	3	70	5	3	Ca
385.87	388.92	3.05	3.05	100	2.28	75	FR	W	3	78	4	4	Ca
388.92	391.97	3.05	3.05	100	1.99	65	FR	W	6	78	4	4	Ca
391.97	395.02	3.05	3.05	100	1.96	64	FR	W	8	80	5	5	Ca
395.02	398.06	3.04	3.04	100	2.10	69	FR	W	5	43	4	4	Ca
398.06	399.59	1.53	1.53	100	0.32	21	FR	W	12	63	4	4	Ca

PROPERTY: MARG **HOLE:** DDH-07-97

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.	MINERALS			SAMPLES From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	Blocks From (m)	To (m)	Incvl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weatherin	Hardnes	JOINTS Frequency	Attitude	Shape	Roughnes	Infilling
																							398.59	400.81	1.22	1.20	98	0.00	0	FR	VW	20	80	4	4	Gr
																							400.81	402.79	1.98	1.98	100	0.00	0	FR	VW	13	55	4	4	Ca
																							402.79	403.86	1.07	1.07	100	0.00	0	FR	VW	20	60	5	5	Ca
																							403.86	405.53	1.67	1.99	119	0.26	16	FR	W	12	70	4	5	Ca
																							405.53	407.21	1.68	1.68	100	0.57	34	FR	VW	15	80	5	5	Ca
LA	70	408.79	429.58	20.79	QGPH		SH	LA	BK and WH QGPH. LA of BK Gr w/ WH Qz, Ca, and Ak. Minor Py throughout unit. Unit is strongly folded, SH and LA. LA at 70 deg.	car	Ca	Ak	Py											407.21	410.25	3.04	2.89	95	0.76	25	FR	W	8	75	4	5	Gr
																							410.25	413.30	3.05	3.05	100	1.08	35	FR	W	5	82	4	5	Gr
																							413.30	415.44	2.14	1.98	93	0.96	45	FR	W	8	68	4	3	Gr
																							415.44	418.49	3.05	3.05	100	1.47	48	FR	W	7	78	4	4	Gr
																							418.49	421.53	3.04	3.04	100	2.44	80	FR	W	5	68	4	4	Gr
														421.20	422.70	1.50	C487518	0.08	0.29	0.11	4.1	0.08	421.53	422.75	1.22	1.08	89	0.20	16	FR	W	3	62	4	3	Gr
									(422.75 - 422.91m) Folded band of Py w/ trace Cp. Several fold noses visible. Sampled as may be possible distal horizon.					422.70	423.00	0.30	C487519	1.30	3.12	1.44	56.6	0.22	422.75	425.50	2.75	2.75	100	1.41	51	FR	W	10	75	4	3	Gr
														BLANK			C487520	<0.01	<0.01	<0.01	0.1	<0.005	425.50	426.72	1.22	0.73	60	0.00	0	FR	VW	15	60	4	5	Gr
														STANDARD			C487521	1.52	2.98	0.26	69.9	0.90	426.72	427.63	0.91	0.91	100	0.18	20	FR	W	11	78	4	5	Gr
														423.00	424.50	1.50	C487522	0.03	0.18	0.03	3.2	0.03	427.63	430.83	3.20	3.20	100	1.79	58	FR	W	8	82	5	3	Gr
LA	60	429.58	436.06	6.48	QMPH		SH	LA	GY QMPH. Very folded, SH and LA. Minor Ca. Minor Py. LA at 60 deg.	car	Py	Ca	Ak										430.83	433.73	2.90	2.91	100	1.84	63	FR	W	6	62	5	4	Ca
																							433.73	436.16	2.43	2.22	91	0.58	24	FR	W	10	70	5	5	Ca
C	75	436.06	436.58	0.52	FLT		FLT		FLT and contact between QMPH and QGPH. Crushed rock and GO. Poor recovery. HW contact 75 deg.														436.16	437.08	0.92	0.89	97	0.00	0	FR	W	20	70	4	5	Gr
LA	70	436.58	449.27	12.69	QGPH		SH	LA	BK and WH QGPH. Alternating bands of BK Gr and WH Qz w/ minor Ca. Thin LA of Py. Unit is intensely folded and LA at 70 deg.	car	Ca	Ak	Py											437.08	438.91	1.83	1.83	100	0.00	0	FR	W	12	60	5	4	Gr
																							438.91	440.74	1.83	1.83	100	0.00	0	FR	W	8	70	4	4	Gr
																							440.74	442.41	1.67	1.67	100	0.58	34	FR	W	15	70	4	4	Gr
																							442.41	444.39	1.98	1.98	100	0.21	11	FR	W	13	65	4	4	Gr
																							444.39	446.37	1.98	1.37	69	0.57	29	FR	W	20	70	4	3	Gr
																							446.37	449.27	2.90	2.88	99	1.18	41	FR	W	3	70	4	4	Gr
		449.27	454.15	4.88	FLT		FLT		Large broken faulted zone w/ crushed rock and GO. Possibly FW FLT. Contacts unknown.														449.27	451.40	2.13	1.58	74	0.12	6	FR	W	8	78	4	3	Gr
																							451.40	452.62	1.22	1.22	100	0.00	0	FR	W	9	78	4	4	Gr
																							452.62	454.45	1.83	1.83	100	0.00	0	FR	W	8	75	4	4	Gr
		454.15	472.44	18.29	QZIT		MA	BD	GY QZIT. Contains some minot interbeds of QGPH. Regularely xcut by WH Qz VT's up to 2.0cm. No apparent alteration. Contains minor Gr.		Qz	Gr											454.45	455.06	0.61	0.61	100	0.00	0	FR	W	9	70	4	5	Gr
																							455.06	455.98	0.92	0.90	98	0.00	0	FR	W	14	72	4	5	Gr
																							455.98	458.11	2.13	2.13	100	0.54	25	FR	W	9	80	4	5	Gr
																							458.11	460.09	1.98	1.98	100	1.16	59	FR	W	3	78	4	5	Gr
																							460.09	461.46	1.37	1.37	100	0.22	16	FR	W	8	80	4	4	Gr
																							461.46	462.68	1.22	1.22	100	0.21	17	FR	W	13	56	4	4	Gr
																							462.68	464.66	1.98	1.98	100	0.15	8	FR	W	16	42	4	5	Gr
																							464.66	466.64	1.98	1.98	100	0.38	19	FR	W	13	68	4	5	Gr
																							466.64	467.56	0.92	0.65	71	0.11	12	FR	W	16	55	4	4	Gr
																							467.56	471.83	4.27	1.45	34	0.21	5	FR	W	12	65	5	3	Gr
									EOH 472.44m														471.83	472.44	0.61	0.61	100	0.00	0	FR	W	20	65	4	5	Gr

PROJECT - MARG

PROPERTY: MARG

HOLE: DDH-07-98

Easting	Northing	Elev.	Depth (m)
526396.141	7097925.656	1277.035	372.77

Contractor: Caron Diamond Drilling Ltd.
Drill: Longyear D-38

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	010	-65	Brunton				

Core size: HQ/NQ
Casing depth: 13.41 (m) in/**out**

Drilling dates: June 27 - July 7, 2007

Logged by: Ben Gelber

Target: Massive sulphide lenses D1 through A1.

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

SAMPLES
Numbers:
Total:
Date sent:

COMMENTS
No Sx encountered. Angle may have been slightly shallow at collar combined with shallowing during drilling causing the target to be missed.

PROPERTY: MARG **HOLE:** DDH-07-98

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	LITHOLOGY To (m)	LITHOLOGY Interval (m)	LITHOLOGY Type	LITHOLOGY Unit	LITHOLOGY Texture	LITHOLOGY Modifier	Notes:	ALT.			MINERALS				SAMPLES From (m	SAMPLES To (m)	SAMPLES Interval (m	SAMPLES Sample	SAMPLES Cu (%)	SAMPLES Zn (%)	SAMPLES Pb(%)	SAMPLES Ag (%)	SAMPLES Au (%)	Blocks From (m)	Blocks To (m)	Blocks Intvl (m)	GEOTECHNICAL REC (m)	GEOTECHNICAL REC Percent	GEOTECHNICAL RQD (m)	GEOTECHNICAL RQD Percent	GEOTECHNICAL Weathering	GEOTECHNICAL Hardnes	JOINTS Frequency	JOINTS Attitude	JOINTS Shape	JOINTS Roughness	JOINTS Infilling
		0.00	10.97		OVB				OVB. Poor recovery																	0.00	9.90	9.90	0.64	6.5	0.00	0	HW	W	>20	0	5	5	Fe
																										9.90	10.97	1.07	0.90	84	0.00	0	HW	W	>20	0	5	5	Fe
LA	70	10.97	40.39		QMPH		SH	LA	Gr QMPH. Sheared, LA and strongly folded. Med to strong Ca. Contains Qz, Ak, Ca, Si, w/ minor Gr. Unit is med to strongly weathered w/ numerous fractures, Heavy oxi. alt. and dissolution of Carbonates giving vuggy texture. locally croscutting VT's of QZ w/ minor Ak, Si up to 6.0 cm. LA at 70'	oxi	car		Ak	Ca	Si	Gr													10.97	12.41	1.44	0.58	40	0.00	0	HW	W	>20	72	5	5	Fe
																										12.41	14.48	2.07	1.82	88	0.13	6	HW	W	>20	0	5	5	Fe
																										14.48	15.84	1.36	1.04	76	0.00	0	HW	W	>20	45	5	5	Fe
																										15.84	17.37	1.53	0.30	20	0.00	0	HW	W	>20	0			
																										17.37	20.12	2.75	1.24	45	0.00	0	HW	W	>20	0	5	5	Fe
																										20.12	21.34	1.22	0.80	49	0.00	0	HW	W	>20	52	5	5	Fe
																										21.34	23.47	2.13	2.13	100	0.21	10	HW	W	>20	55	5	5	Fe
																										23.47	25.36	1.89	1.71	90	0.00	0	HW	W	>20	60	5	5	Fe
																										25.36	26.52	1.16	1.16	100	0.36	31	HW	W	>20	80	5	5	Fe
																										26.52	29.56	3.04	3.04	100	0.00	0	HW	W	9	78	4	5	Gr
																										29.56	32.61	3.05	2.75	90	0.52	17	HW	W	15	70	4	5	Gr
																										32.61	35.66	3.05	3.05	100	0.14	5	HW	W	12	80	4	4	Gr
																										35.66	38.10	2.44	2.34	96	0.00	0	HW	W	10	60	4	5	Gr
																										38.10	40.69	2.59	1.03	40	0.00	0	HW	W	15	70	4	5	Gr
LA	70	40.39	55.50		FLT		FLT		Large FLT zone, rocks are crushed and fractured, strong weathering and oxi staining on surfaces abundant FLT Gouge, little competent rock.	oxi																40.69	44.81	4.12	1.22	30	0.00	0	HW	W	>20	70	4	5	Gr
																										44.81	47.85	3.04	1.96	64	0.00	0	HW	W	>20	70	4	5	Gr
																										47.85	51.96	4.11	2.06	50	0.00	0	HW	W	>20	0	4	5	Gr
LA	10	55.50	81.38		QMPH		SH	LA	Gr QMPH Strongly SH and LA. Minor Ca. Minor weathering w/ occasional oxi staining on surfaces LA angle very shallow 0-30 deg throughout unit. Contains occasional QZ VT up to 5.0 cm Minor Ak, Si and Ca and Gr Trace Py assoc w/ Qz VT's	car	oxi		Ak	Ca	Gr	Py													51.96	56.99	5.03	2.16	43	0.00	0	HW	EW	>20	0	5	5	Gr
																										56.99	59.74	2.75	0.40	15	0.00	0	HW	W	>20	60	5	5	Gr
																										59.74	62.17	2.43	1.53	63	0.00	0	HW	W	>20	60	5	5	Gr
																										62.17	63.09	0.92	0.92	100	0.00	0	HW	W	>20	0	5	5	Gr
																										63.09	64.31	1.22	1.22	100	0.00	0	HW	W	>20	0	5	5	Qz
																										64.31	67.97	3.66	2.54	69	0.00	0	HW	W	>20	0	5	5	Gr
																										67.97	69.18	1.21	0.31	26	0.00	0	HW	W	>20	0	5	5	Gr
																										69.18	69.64	0.46	0.28	61	0.00	0	HW	W	>20	45	5	5	Gr
																										69.64	70.71	1.07	1.07	100	0.00	0	HW	W	>20	50	5	5	Gr
																										70.71	71.93	1.22	1.21	99	0.00	0	HW	W	>20	0	5	5	Gr
																										71.93	72.99	1.06	1.06	100	0.00	0	HW	W	>20	0	5	5	Gr
																										72.99	75.29	2.30	1.14	50	0.00	0	HW	EW	>20	0	5	5	Ca
																										75.29	78.33	3.04	2.02	66	0.00	0	HW	VW	>20	0	5	5	Ca
																										78.33	81.38	3.05	1.64	54	0.00	0	HW	W	>20	0	5	5	Gr
C	15	81.38	83.83		FLT		FLT		FLT w/ crushed rock and Go. Hw contact 15 deg	oxi			Qz	Gr	Mu											81.38	84.43	3.05	1.53	50	0.00	0	HW	VW	>20	70	5	5	Gr
LA	65	83.83	114.45		QZIT		SH	LA	GY QZIT. Unit is SH, Folded and LA. Contains Gr laminations and trace Mu. Numerous xcutting VT's of WH Qz up to 5 cm. Unit is quite broken w/ minor oxi staining on surfaces LA at 65 deg. Bottom half of unit contains sub units (<30cm) Of QGPH Periodically	oxi			Qz	Gr	Mu													84.43	85.03	0.60	0.60	100	0.00	0	HW	W	>20	75	4	5	Gr
									(85.03-85.4) Beige bleached QMPH w/ abundant ferroan carbonates.	car														85.03	86.71	1.68	1.22	73	0.00	0	HW	W	>20	60	4	5	Gr
																										86.71	88.08	1.37	0.67	49	0.00	0	HW	W	>20	65	5	5	Gr
																										88.08	90.52	2.44	2.19	90	0.24	10	HW	W	>20	55	4	5	Gr
																										90.52	92.05	1.53	1.53	100	0.15	10	HW	W	>20	65	4	5	Gr
																										92.05	94.18	2.13	2.13	100	0.81	38	HW	W	>20	72	4	4	Gr
																										94.18	95.40	1.22	1.12	92	0.24	20	HW	W	>20	55	4	4	Gr

PROPERTY: MARG **HOLE:** DDH-07-98

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	LITHOLOGY To (m)	LITHOLOGY Interval (m)	LITHOLOGY Type	LITHOLOGY Unit	LITHOLOGY Texture	LITHOLOGY Modifier	Notes:	ALT.		MINERALS				SAMPLES From (m)	SAMPLES To (m)	SAMPLES Interval (m)	SAMPLES Sample	SAMPLES Cu (%)	SAMPLES Zn (%)	SAMPLES Pb(%)	SAMPLES Ag (%)	SAMPLES Au (%)	Blocks From (m)	Blocks To (m)	Blocks Intvl. (m)	GEOTECHNICAL REC (m)	GEOTECHNICAL REC Percent	GEOTECHNICAL RQD (m)	GEOTECHNICAL RQD Percent	GEOTECHNICAL Weathering	GEOTECHNICAL Hardnes	JOINTS Frequency	JOINTS Attitude	JOINTS Shape	JOINTS Roughness	JOINTS Infilling
LA	65								(94.74 - 97.23) GY QMPH. Very LA, SH and folded. Unit is quite graphitic. Contains Qz, Gr And Mu. Minor Ca. LA at 65	car		Qz	Gr	Mu	Ca											95.40	97.25	1.85	1.00	54	0.00	0	HW	W	>20	80	4	4	Gr
																										97.25	98.60	1.35	1.09	81	0.12	9	HW	W	>20	60	4	5	Gr
																										98.60	99.97	1.37	0.75	55	0.00	0	HW	W	>20	50	5	3	Ca
																										99.97	101.19	1.22	0.18	15	0.00	0	FR	MS	4	44	2	2	Ca
																										101.19	101.88	0.69	0.27	39	0.00	0	FR	S	5	60	3	4	Gr
																										101.88	102.26	0.38	0.29	76	0.00	0	FR	VW	6	30	2	2	Gr
																										102.26	102.72	0.46	0.37	80	0.12	26	FR	S	4	56	2	2	Ca
																										102.72	103.94	1.22	1.15	94	0.20	16	FR	MS	20	52	2	2	Gr
																										103.94	104.85	0.91	0.82	90	0.10	11	FR	W	15	61	2	2	Gr
																										104.85	106.07	1.22	1.14	93	0.60	49	FR	W	18	35	2	2	Gr
																										106.07	106.68	0.61	0.43	70	0.00	0	FR	W	13	50	3	2	Gr
																										106.68	106.98	0.30	0.26	87	0.12	40	FR	MS	5	45	2	2	Qz
																										106.98	108.81	1.83	0.95	52	0.48	26	FR	M/MS	11	40	3	2	Gr
																										108.81	109.88	1.07	0.84	79	0.11	10	FR	M/MS	>20	55	2	2	Gr
																										109.88	110.34	0.46	0.25	54	0.20	43	FR	MS	4	64	2	2	Qz
																										110.34	110.79	0.45	0.18	40	0.00	0	FR	MS	7	37	3	2	Gr
																										110.79	111.86	1.07	1.04	97	0.38	36	FR	M/MS	20	53	2	2	Gr
																										111.86	112.78	0.92	0.80	87	0.00	0	FR	W	>20	54	2	2	Gr
																										112.78	114.00	1.22	1.15	94	0.27	22	FR	M/MS	>20	61	3	2	Gr
LA	55	114.45	148.93		QGPH		SH	LA	BK and WH QGPH. Bands of BK Gr w/ WH Qz, Ca and Ak. Unit is intensely folded, LA and SH. Contains Med. Ca and Trace Py. Small Subunits of SH, LA QZIT are included. LA at 55 Deg. Many xcutting, folded, irregular VT's of WH Qz included in unit up to 30 cm in width. strong tectonic fabric.	car		Qz	Ca	Ak	Py											114.00	115.52	1.52	1.14	75	0.36	24	FR	M/MS	>20	62	3	3	Gr
																										115.52	116.13	0.61	0.56	92	0.10	16	FR	W	15	54	3	2	Gr
																										116.63	117.04	0.41	0.41	100	0.16	39	FR	M/MS	>20	45	2	3	Gr
																										117.04	117.81	0.77	0.32	42	0.00	0	FR	M/MS	13	60	2	2	Qz
																										117.81	118.72	0.91	0.78	86	0.24	26	FR	MS	17	55	2	2	Gr
																										118.72	119.18	0.46	0.21	46	0.00	0	FR	MS	10	50	3	2	Gr
																										119.18	120.09	0.91	0.65	71	0.21	23	FR	W	17	25	3	2	Gr
																										120.09	121.49	1.40	1.23	88	0.42	30	FR	I S/S	>20	54	2	2	Gr
																										121.49	123.23	1.74	1.60	92	0.98	56	FR	M/MS	>20	50	2	3	Gr/Qz
																										123.23	125.88	2.65	2.20	83	1.43	54	FR	MS	>20	46	3	2	Gr
																										125.88	127.71	1.83	1.83	100	0.41	22	FR	W	>20	35	2	2	Gr
																										127.71	129.84	2.13	2.00	94	0.95	45	FR	W	>20	50	2	3	Gr
																										129.84	131.98	2.14	2.05	96	0.80	37	FR	MS	8	40	2	2	Gr
																										131.98	132.89	0.91	0.58	64	0.49	54	FR	MS	>20	60	3	3	Gr
																										132.89	134.72	1.83	1.45	79	0.45	25	FR	MS	>20	55	2	3	Gr
																										134.72	136.55	1.83	1.34	73	0.47	26	FR	W	>20	70	2	3	Gr
																										136.55	138.68	2.13	0.88	41	0.00	0	FR	W	>20	75	3	3	Gr
																										138.68	139.44	0.76	0.76	100	0.10	13	FR	MS	>20	58	5	3	Gr
																										139.44	141.12	1.68	1.48	88	0.35	21	FR	MS	>20	50	2	3	Gr
																										141.12	142.34	1.22	0.97	80	0.15	12	FR	W	>20	65	3	3	Gr
																										142.34	144.17	1.83	1.83	100	0.85	46	FR	MS	>20	70	3	2	Gr
																										144.17	146.91	2.74	2.49	91	1.20	44	FR	W	>20	80	3	2	Gr
																										146.91	148.44	1.53	1.52	99	0.88	58	FR	W	>20	65	5	3	Gr
LA	55	148.93	159.70		QZIT		SH	LA	GY QZIT. Unit is very folded and LA. Contains bands of folded and LA GY QZIT w/ laminations of Gr and Ca w/ Ak. Numerous xcutting VT's of WH Qz, Ca and Ak up to 30 cm. Locally abundant Ca. LA at 55.	car	ser	Ca	Se	Qz											148.44	151.49	3.05	2.08	68	1.85	61	FR	MS	>20	45	2	2	Gr
																										151.49	154.43	2.94	2.95	100	2.00	68	FR	MS	>20	45	2	2	Gr
																										154.43	156.06	1.63	1.60	98	1.17	72	FR	MS	14	50	2	2	Gr
									(156.60-157.26) Vn of Ca, Qz and Ak.	car														156.06	157.58	1.52	1.20	79	0.32	21	FR	MS	>20	70	3	3	Gr
																										157.58	158.04	0.46	0.66	143	0.61	133	FR	MS	5	50	2	2	Gr
LA	55	159.70	161.03		QMPH		SH	LA	GN QMPH. SH folded and LA. Intensely Se and strong Ca. Strong tectonic fabric. LA 55 deg.	ser	car	Ca	Se	Qz											158.04	160.63	2.59	2.25	87	1.02	39	FR	MS	>20	70	2	2	Gr
LA	55	161.03	163.20		QZIT		Sh	LA	GY QZIT. Same as above.	car		Qz	Ca	Gr	Ak										160.63	161.70	1.07	1.00	93	0.90	84	FR	MS	6	65	2	2	Gr

PROPERTY: MARG **HOLE:** DDH-07-98

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.			MINERALS				SAMPLES From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	Blocks From (m)	To (m)	Incvl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weatherin	Hardnes	JOINTS Frequency	Attitude	Shape	Roughnes	Infilling
																										161.70	162.15	0.45	0.40	89	0.28	62	FR	MS	7	70	5	3	Gr
																										162.15	163.07	0.92	0.62	67	0.10	11	FR	MS	>20	65	5	2	Gr
C	80	163.20	168.86		DIOR		MA	SH	GN DIOR. MA, intensely chl altered DIOR. contains Cl, Qz and Ba as Fx infill. Se and minor Ca w/ trace Py. Dior has adopted some of the country rock textures and contains tectonic fabric.	chl	car		Cl	Qz	Ba	Py											163.07	165.81	2.74	2.50	91	2.16	79	FR	MS	7	80	3	2	Se
																										165.81	168.86	3.05	3.04	100	2.64	87	FR	MS	4	87	5	4	Gr
LA	65	168.86	176.81		QZIT		SH	LA	GY QZIT. Unit is very folded and LA. Contains bands of folded, LA GY QZIT w/ LA of Gr and Ca w/ Ak VT's. LA at 65 deg.	car			Gr	Ca	Ak												168.86	169.77	0.91	0.80	88	0.32	35	FR	MS	>20	70	3	2	Gr
																										169.77	171.60	1.83	1.75	96	0.45	25	FR	MS	>20	80	2	2	Gr
																										171.60	174.04	2.44	2.42	99	0.46	19	FR	MS	10	40	4	3	Gr
LA	60	176.81	202.39		QMPH		SH	LA	GY QMPH. Unit is strongly folded. SH And LA. Contains laminations of Qz, Mu, Se, Gr, Ca, Ak w/ minor Cl And Trace Py. Unit becomes more graphitic toward FW contact. LA at 60 deg. Unit has moderate Ca. Weak ser alteration. VT's of Qz., Ca, and Se xcutting unit up to 30 cm. (181.95-182.90) Vn of Qz, Caand Ak. Drilled down dip of Vn. Hw contact 10 Deg.	ser	car		Ca	Se	Gr	Ak											174.04	177.08	3.04	3.04	100	1.67	55	FR	MS	5	80	4	4	Gr
																										177.08	179.52	2.44	2.44	100	0.90	37	FR	MS	4	88	5	4	Gr
									(181.95-182.90) Vn of Qz, Ca and Ak. Drilled down dip of Vn. Hw contact 10 Deg.																	179.52	182.58	3.06	2.56	84	0.89	29	FR	MS	5	80	4	5	Gr
																										182.58	184.40	1.82	1.82	100	1.02	56	FR	MS	8	90	5	4	Gr
																										184.40	187.15	2.75	2.75	100	0.90	33	FR	MS	7	80	4	5	Gr
																										187.15	189.43	2.28	2.06	90	0.32	14	FR	MS	10	78	5	2	Gr
																										189.43	191.11	1.68	1.68	100	0.34	20	FR	MS	15	70	5	3	Gr
																										191.11	192.63	1.52	1.52	100	0.42	28	FR	MS	16	85	4	3	Gr
																										192.63	194.15	1.52	1.52	100	0.14	9.2	FR	MS	17	88	5	3	Gr
																										194.15	195.68	1.53	1.43	93	0.14	9.2	FR	MS	16	78	4	3	Gr
																										195.68	196.75	1.07	1.07	100	0.00	0	FR	MS	14	80	4	5	Gr
																										196.75	199.94	3.19	3.14	98	0.42	13	FR	MS	15	90	5	4	Gr
																										199.94	200.86	0.92	0.90	98	0.10	11	FR	MS	12	88	4	4	Gr
																										200.86	202.34	1.48	1.48	100	0.00	0	FR	MS	7	80	5	5	Gr
C	20	202.39	207.57		FLT		FLT		FLT. Large FLT And Broken zone w/ go and broken rock. Contains large void. HW contact 20 deg. Interpreted to be HW FLT AND contact between QMPH/QZIT AND QGPH.																	202.34	203.60	1.26	0.76	60	0.29	23	FR	W	18	72	5	4	Gr
																										203.60	206.35	2.75	0.99	36	0.00	0	FR	VW	>20	0	5	4	Gr
																										206.35	207.57	1.22	1.22	100	0.00	0	FR	VW	>20	88	4	5	Gr
LA	75	207.57	261.97		QGPH		SH	LA	BK And WH QGPH. Bands AND LA of Bk Gr w/ Bands AND LA of Bk Gr w/ Bands And LA of WH WZ and Ca. Unit very folded, SH, AND LA. Contains minor Py throughout. Very fractured and broken. LA at 75 deg Unit becomes bleached/ cooked at lower contact (233.31 - 244.60m) Very broken section of QGPH. strong tectonic fabric.																	207.57	209.56	1.99	0.54	27	0.00	0	FR	VW	18	70	4	5	Gr
																										209.56	210.00	0.44	0.44	100	0.00	0	FR	W	>20	85	4	5	Gr
																										210.00	211.23	1.23	1.10	89	0.00	0	FR	W	18	66	4	5	Gr
																										211.23	212.45	1.22	0.58	48	0.00	0	FR	W	15	80	4	5	Gr
																										212.45	214.16	1.71	0.84	49	0.00	0	FR	W	>20	0	4	5	Gr
																										214.16	215.79	1.63	0.84	52	0.00	0	FR	W	>20	0	4	5	Gr
																										215.79	217.62	1.83	0.81	44	0.00	0	FR	W	12	78	4	5	Gr
																										217.62	219.15	1.53	1.53	100	0.00	0	FR	W	4	60	5	4	Gr
																										219.15	222.19	3.04	1.54	51	0.27	8.9	FR	W	8	77	4	5	Gr
																										222.19	224.64	2.45	3.05	124	1.08	44	FR	W	5	70	4	5	Gr
																										224.64	226.31	1.67	1.67	100	0.63	38	FR	W	7	85	5	4	Gr
																										226.31	227.68	1.37	1.00	73	0.23	17	FR	W	10	75	4	5	Gr

PROPERTY: MARG **HOLE:** DDH-07-98

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	LITHOLOGY To (m)	LITHOLOGY Interval (m)	LITHOLOGY Type	LITHOLOGY Unit	LITHOLOGY Texture	LITHOLOGY Modifier	Notes:	ALT.			MINERALS				SAMPLES From (m)	SAMPLES To (m)	SAMPLES Interval (m)	SAMPLES Sample	SAMPLES Cu (%)	SAMPLES Zn (%)	SAMPLES Pb(%)	SAMPLES Ag (%)	SAMPLES Au (%)	Blocks From (m)	Blocks To (m)	Blocks Intvl. (m)	GEOTECHNICAL REC (m)	GEOTECHNICAL REC Percent	GEOTECHNICAL RQD (m)	GEOTECHNICAL RQD Percent	GEOTECHNICAL Weatherin	GEOTECHNICAL Hardnes	JOINTS Frequency	JOINTS Attitude	JOINTS Shape	JOINTS Roughnes	JOINTS Infilling
																										227.68	230.73	3.05	1.50	49	0.00	0	FR	W	8	80	4	4	Gr
																										230.73	232.56	1.83	1.83	100	1.40	77	FR	W	10	80	4	3	Gr
																										232.56	235.61	3.05	1.88	62	0.65	21	FR	VW	>20	65	4	4	Gr
																										235.61	236.30	0.69	0.69	100	0.00	0	FR	W	>20	82	4	4	Gr
																										236.30	239.26	2.96	0.65	22	0.00	0	FR	VW	>20	85	4	3	Gr
																										239.26	241.40	2.14	0.68	32	0.00	0	FR	VW	>20	80	4	5	Gr
																										241.40	242.31	0.91	0.91	100	0.00	0	FR	VW	>20	78	4	5	Gr
																										242.31	243.84	1.53	1.05	69	0.00	0	FR	VW	>20	76	4	4	Gr
																										243.84	244.60	0.76	0.58	76	0.00	0	FR	VW	>20	74	4	5	Gr
																										244.60	245.91	1.31	1.00	76	0.00	0	FR	W	>20	78	4	5	Gr
																										245.91	247.04	1.13	1.13	100	0.00	0	FR	W	10	60	4	5	Gr
																										247.04	249.32	2.28	1.98	87	0.88	39	FR	VW	6	78	4	3	Gr
																										249.32	251.15	1.83	1.83	100	0.24	13	FR	VW	15	82	4	4	Gr
																										251.15	252.06	0.91	0.91	100	0.23	25	FR	VW	12	68	4	4	Gr
																										252.06	253.28	1.22	1.22	100	0.00	0	FR	VW	11	80	4	5	Gr
																										253.28	254.20	0.92	0.92	100	0.00	0	FR	W	15	70	4	4	Gr
																										254.20	255.11	0.91	0.80	88	0.20	22	FR	W	8	75	5	5	Qz
																										255.11	258.16	3.05	3.03	99	1.98	65	FR	W	3	80	4	4	Gr
					VN				(258.06-258.60) WH QZ VN w/ minor Ca	car			QZ	G	AK												258.16	258.62	0.46	0.46	100	0.00	0	FR	VW	8	75	4	5	Gr
																										258.62	259.99	1.37	1.37	100	0.28	20	FR	VW	14	72	4	5	Gr
C	20				VN				(260.91-261.25) WH QZ VN w/ minor Ca AND Ak. Contact 20 Deg	car			Qz	Ca	AK												259.99	261.21	1.22	1.18	97	0.17	14	FR	MS	8	80	5	5	Qz
C	45	261.97	270.42		QMPH		SH	LA	GN QMPH strongly folded LA and SH. Intense ser alt. Strong Ca. Contains Ca, Se, Ak, CL, Qz. Relic LA Fabric at 50 Deg. Hw Contact 45 Deg. Strong tectonic fabric.	ser	car	chl	Se	Ca	Cl	Qz											261.21	264.26	3.05	3.05	100	2.07	68	FR	MS	8	75	3	2	Ca
																										264.26	267.31	3.05	3.05	100	2.32	76	FR	MS	4	80	5	4	Ca
																										267.31	270.31	3.00	3.00	100	2.13	71	FR	MS	2	78	5	4	Ca
LA	70	270.42	276.36		QGPH		SH	LA	BK and Wh QGPH. BK Gr La w/ WH WZ Ca and Ak Unit is strongly folded SH and LA. Med To strong Ca locally. Minor Py throughout Unit as sub to Euhedral xtals La at 70 deg. Strong tectonic fabric.	car			Ca	Qz	Ak	Py											270.31	271.75	1.44	0.92	64	0.00	0	FR	W	20	70	4	5	Gr
																										271.75	273.41	1.66	0.35	21	0.00	0	FR	W	20	80	4	5	Gr
																										273.41	274.77	1.36	1.36	100	0.00	0	FR	VW	20	78	4	5	Gr
																										274.77	276.14	1.37	1.37	100	0.13	9.5	FR	VW	20	80	4	4	Gr
C	85	276.36	278.28		QMPH		SH	LA	GN QMPH w/ intense ferroan carbonates and Se. Relic textures and LA only apparent at HW and FW. Contains Ca, Ak, Se, Qz. Hw contact 85 deg.	car	ser		Ca	Ak	Se	Qz											276.14	278.58	2.44	2.44	100	1.02	42	FR	W	20	70	4	4	Gr
LA	45	278.28	295.90		QGPH		SH	LA	BK and WH QGPH. Strong Ca and med Se. Locally bleached. Folded, sheared, La texture visible throughout unit. Minor Py throughout LA at 45 Deg. Tectonic fabric.	car	ser		Ca	Se	Qz	Py											278.58	280.11	1.53	1.06	69	0.00	0	FR	EW	20	80	4	5	Gr
																										280.11	281.02	0.91	0.91	100	0.00	0	FR	W	20	70	4	3	Gr
																										281.02	282.55	1.53	1.42	93	0.00	0	FR	W	20	75	4	5	Gr
																										282.55	283.77	1.22	1.22	100	0.22	18	FR	VW	20	70	4	3	Gr
																										283.77	285.29	1.52	1.52	100	0.12	7.9	FR	W	20	60	5	5	Gr
																										285.29	286.20	0.91	0.91	100	0.00	0	FR	W	20	68	4	5	Gr
																										286.20	287.27	1.07	1.00	93	0.00	0	FR	W	20	60	4	5	Gr
																										287.27	290.17	2.90	2.90	100	1.55	53	FR	W	9	82	4	4	Gr
																										290.17	292.61	2.44	2.10	86	0.28	11	FR	W	20	70	4	3	Gr

PROPERTY: MARG **HOLE:** DDH-07-98

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.			MINERALS				SAMPLES From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	Blocks From (m)	To (m)	Int'vl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weathering	Hardness	JOINTS Frequency	Attitude	Shape	Roughness	Infilling
LA	55	295.90	306.45		QMPH		LA		GN QMPH. Intense ferroan carbonates and Se. Original Texture and Fabric mostly visible throughout. Contains Ca, Ak, Se, Qz w/ trace Py. Minor sub units of QGPH. X cutting Vt's of Qz and Ca LA AT 55 Deg	ser	car		Ca	Se	Ak	Qz										292.61	296.41	3.80	1.87	49	0.25	8.6	FR	W	1	80	4	5	Gr
																										296.41	299.31	2.90	2.90	100	0.90	31	FR	W	10	80	4	4	Gr
																										299.31	300.84	1.53	1.53	100	0.78	51	FR	W	9	90	4	5	Gr
																										300.84	303.88	3.04	2.86	94	2.30	76	FR	W	3	85	4	5	Gr
																										303.88	306.93	3.05	3.05	100	1.62	53	FR	W	3	70	4	4	Gr
LA	75	306.45	310.98		QGPH		SH	LA	BK and WH QGPH. Strongly Folded SH and LA QGPH. LA of BK Gr and WH Qz And Ca. Moderate Ca. Contains minor Py as euhedral to subhedral xtals. La at 75 deg. Strong tectonic fabric.	car	ser		Ca	Se	Ak	Py										306.93	309.98	3.05	3.05	100	2.17	71	FR	W	12	65	4	4	Gr
LA	55	310.98	314.98		QMPH		SH	LA	GN QMPH w/ Intense ferroan carbonates and Se. Relic textures and LA visible. Very SH, LA, and folded. Contains Ca, Se, Ak, Qz, w/ Trace Py. La at 55 deg.	car	ser		Ca	Se	Ak	Py										309.98	313.03	3.05	3.05	100	1.72	56	FR	W	7	60	4	3	Gr
La	60	314.28	363.02		QGPH		SH	LA	Bk And Wh QGPH. Bands of Bk Gr w/ Bands of WH QZ and Ca. Unit has moderate Ca, locally strong. Contains Several Sub-intervals of GN QMPH <30cm. Contains two WH Qz Vn's Near top of unit up to 60 cm. Unit is locally bleached and broken but otherwise consistent throughout contains minor Py As subhedral to euhedral xtals throughout unit. Unit is very LA, SH, and folded w/ LA Angle varying throughout unit w/ average 60 deg.																	313.03	315.77	2.74	2.74	100	1.05	38	FR	W	8	75	5	4	Qz
																										315.77	317.14	1.37	1.32	96	0.61	45	FR	W	9	73	5	5	Qz
																										317.14	317.60	0.46	0.46	100	0.00	0	FR	MS	12	70	5	5	Qz
																										317.60	318.82	1.22	1.22	100	0.00	0	FR	MS	10	90	5	5	Gr
																										318.82	319.43	0.61	0.61	100	0.00	0	FR	W	20	60	4	4	Gr
																										319.43	321.17	1.74	1.74	100	1.33	76	FR	W	6	70	4	4	Gr
																										321.17	325.22	4.05	3.10	77	0.98	24	FR	W	8	90	4	4	Gr
																										325.22	328.26	3.04	3.04	100	1.04	34	FR	W	5	60	4	4	Gr
																										328.26	331.01	2.75	1.97	72	0.83	30	FR	EW	12	50	4	5	Gr
																										331.01	331.32	0.31	0.31	100	0.00	0	FR	W	8	40	4	4	Gr
																										331.32	332.23	0.91	0.91	100	0.10	11	FR	W	8	60	4	4	Gr
																										332.23	333.15	0.92	0.92	100	0.00	0	FR	W	20	90	4	5	Gr
																										333.15	334.36	1.21	1.21	100	0.30	25	FR	VW	15	75	4	5	Gr
																										334.36	336.65	2.29	2.24	98	0.00	0	FR	VW	20	80	4	4	Gr
																										336.65	338.02	1.37	1.24	91	0.00	0	FR	VW	12	78	4	4	Gr
																										338.02	338.93	0.91	0.91	100	0.00	0	FR	VW	14	50	4	3	Gr
																										338.93	341.07	2.14	2.14	100	0.11	5.1	FR	VW	18	72	4	5	Gr
																										341.07	342.29	1.22	1.22	100	0.17	14	FR	VW	8	88	4	5	Gr
																										342.29	345.34	3.05	3.05	100	1.05	34	FR	W	7	85	4	5	Gr
																										345.34	348.39	3.05	3.05	100	0.82	27	FR	W	3	80	4	5	Gr
																										348.39	351.43	3.04	3.04	100	1.78	59	FR	W	4	90	4	4	Gr
																										351.43	354.48	3.05	3.05	100	1.78	58	FR	W	4	68	4	4	Gr
																										354.48	357.53	3.05	3.05	100	1.65	54	FR	MS	8	75	5	4	Gr
																										357.53	360.27	2.74	2.74	100	0.98	36	FR	W	14	78	4	5	Gr
																										360.27	363.02	2.75	2.73	99	0.37	13	FR	W	11	80	4	4	Gr
		363.02	372.77	QZIT		RX			GY QZIT. Recrystallized, very smooth glassy texture. Regularely xcut by VT's of WH Qz and Ca w/ trace Ak. No apparent bedding or laminations.				Qz	Ca	Ak										363.02	364.85	1.83	1.83	100	0.55	30	FR	W	6	78	4	4	Gr
																										364.85	367.13	2.28	1.23	54	0.75	33	FR	W	6	75	5	5	Qz
																										367.13	367.89	0.76	0.76	100	1.00	132	FR	MS	7	70	5	3	Qz
																										367.89	368.50	0.61	0.61	100	0.21	34	FR	MS	9	85	4	3	Qz
																										368.50	371.55	3.05	3.05	100	1.84	60	FR	MS	8	90	4	3	Qz
									EOH 372.77m																	371.55	372.77	1.22	0.26	21	0.00	0	FR	MS	16	85	4	3	Qz

PROJECT - MARG

PROPERTY: MARG

HOLE: DDH-07-99

Easting	Northing	Elev.	Depth (m)
526496.967	7097910.012	1260.314	218.54

Contractor: Caron Diamond Drilling Ltd.
Drill: Longyear D-38

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	015	-80	Brunton				
140	-	-71	Acid				

Core size: HQ/NQ
Cassing depth: 23.77 (m) in/**out**

Drilling dates: July 8-16, 2007

Logged by: Ben Gelber

Target: Massive sulphide lenses D1 through A1.

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

SAMPLES
Numbers:
Total:
Date sent:

COMMENTS
Very fractured and broken ground. Drill lost recovery and rods became stuck. Managed to free and remove all of the HQ rods and casing, leaving 450' of NQ rods in the drill hole.

PROPERTY: MARG **HOLE:** DDH-07-98

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.		MINERALS				SAMPLES From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	Blocks From (m)	To (m)	Intvl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weatherin	Hardnes	JOINTS Frequency	Attitude	Shape	Roughnes	Infilling
0		0.00	11.27		OVBN				OVB NO RECOVERY																0.00	11.27	11.27	0.12	1	0.00	0	HW	W	>20	80	5	4	Ca
LA	20	11.27	47.85		QMPH		SH	LA	GY QMPH. Very broken unit w/ oxi staining on most surfaces. Appear to be large Qz VN's included in unit. Moderate Ca. Most Ca and Ak has ben oxidized and weathered out. Minor Py throughout, locally graphitic. LA From 0-30 deg. Avg. 20 Deg.	oxi	car	Ca	Ak	Gr	Py													11.27	12.19	0.92	0.92	100	0.00	0	HW	W	>20	70	4	5	Gr
																									12.19	14.33	2.14	0.79	36.9	0.00	0	HW	W	>20	50	4	5	Gr
																									14.33	17.38	3.05	1.62	53.1	0.00	0	HW	W	>20	50	5	5	Ca
																									17.38	20.42	3.04	0.58	19.1	0.00	0	HW	W	>20	50	4	5	Gr
																									20.42	21.03	0.61	0.60	98.4	0.00	0	HW	W	>20	55	4	4	Gr
																									21.03	21.94	0.91	0.48	52.7	0.00	0	HW	W	>20	60	4	4	Gr
																									21.94	24.99	3.05	2.54	83.3	0.00	0	HW	W	>20	42	5	5	Ca
																									24.99	26.21	1.22	0.18	14.8	0.00	0	HW	W	>20	55	5	5	Ca
																									26.21	28.19	1.98	1.50	75.8	0.12	6	HW	W	>20	50	4	5	Gr
																									28.19	29.56	1.37	0.44	32.1	0.00	0	HW	W	>20	53	4	4	Gr
																									29.56	32.61	3.05	0.56	18.4	0.00	0	HW	VW	>20	80	4	4	Gr
																									32.61	35.66	3.05	0.55	18	0.00	0	HW	EW	>20	0	5	5	Gr
																									35.66	38.70	3.04	0.32	10.5	0.00	0	HW	EW	>20	0	5	5	Gr
																									38.70	41.75	3.05	0.56	18.4	0.00	0	HW	EW	>20	0	5	5	Ca
																									41.75	43.28	1.53	0.23	15	0.00	0	HW	VW	>20	0	5	5	Ca
																									43.28	46.32	3.04	1.04	34.2	0.00	0	HW	W	>20	90	5	5	Ca
																									46.32	47.85	1.53	0.29	19	0.00	0	HW	W	>20	80	5	5	Ca
		47.85	50.44		FLT		FLT		FLT w/ gouge and crushed rock. Poor recovery. Contacts unkown.																47.85	50.59	2.74	0.57	20.8	0.00	0	HW	EW	>20	0	4	5	Gr
LA	55	50.44	75.03		QMPH		SH	LA	GY QMPH. Unit is very folded, SH and LA Locally bleached w/ Ca and Se, and locally very graphitic. Contains Qz, Mu, Gr, Ca, Ak, Se w/ trace Py, Strong Ca throughout. Unit very broken Locally LA variable. Average 55 deg.	car	oxi	Ca	Gr	Ak	Py													50.59	51.51	0.92	0.59	64.1	0.00	0	HW	VW	>20	45	4	5	Gr
																									51.51	52.12	0.61	0.61	100	0.00	0	HW	VW	>20	60	4	5	Gr
																									52.12	53.03	0.91	0.76	83.5	0.00	0	Fr	W	>20	70	4	5	Gr
																									53.03	54.56	1.53	1.53	100	0.61	39.9	Fr	W	3	60	4	4	Gr
																									54.56	55.79	1.23	1.20	97.6	0.29	23.6	Fr	W	7	60	4	4	Gr
																									55.79	56.69	0.90	0.90	100	0.22	24.4	Fr	W	8	60	4	5	Gr
																									56.69	57.61	0.92	0.92	100	0.00	0	Fr	W	14	55	4	5	Gr
																									57.61	58.52	0.91	0.91	100	0.20	22	Fr	W	12	60	4	4	Gr
																									58.52	59.13	0.61	0.61	100	0.12	19.7	Fr	W	13	55	4	3	Gr
																									59.13	59.74	0.61	0.61	100	0.00	0	Fr	W	18	70	4	3	Gr
																									59.74	61.87	2.13	0.75	35.2	0.00	0	Fr	VW	>20	75	4	5	Gr
																									61.87	63.09	1.22	0.82	67.2	0.00	0	Fr	VW	>20	0	4	5	Gr
																									63.09	64.61	1.52	1.52	100	0.00	0	Fr	W	18	60	4	4	Gr
																									64.61	66.14	1.53	1.53	100	0.16	10.5	Fr	W	12	86	4	5	Gr
																									66.14	67.36	1.22	1.22	100	0.00	0	Fr	W	13	0	4	5	Gr
																									67.36	69.19	1.83	1.83	100	0.00	0	Fr	W	8	75	4	4	Gr
																									69.19	70.41	1.22	1.22	100	0.00	0	Fr	VW	>20	70	4	4	Gr
																									70.41	72.23	1.82	0.92	50.5	0.00	0	Fr	VW	>20	42	4	5	Gr
																									72.23	72.85	0.62	0.57	91.9	0.00	0	Fr	VW	>20	0	4	5	Gr
																									72.85	74.37	1.52	1.05	69.1	0.00	0	Fr	VW	>20	60	4	5	Gr
																									74.37	75.28	0.91	0.91	100	0.00	0	Fr	W	>20	60	4	4	Gr
LA	40	75.03	86.81		QMPH		SH	LA	GY QMPH. Strongly folded. SH and LA Weak Ca. Locally graphitic. Contains Qz, Ca, Gr, Ak w/ trace Py. Xcut by VT's of Qz up to 40 cm. Some FX surfaces Oxi stained. LA vary throughout unit from 25-60 deg. Avg. 40 Deg.	Car	Oxi	Ca	Gr	Ak	Py													75.28	76.04	0.76	0.76	100	0.00	0	Fr	W	>20	50	2	3	Ca
																									76.04	76.65	0.61	0.61	100	0.00	0	Fr	W	>20	73	4	5	Gr
																									76.65	77.42	0.77	0.77	100	0.00	0	Fr	W	16	45	4	5	Gr
																									77.42	78.33	0.91	0.91	100	0.00	0	Fr	W	8	50	4	4	Gr
																									78.33	79.55	1.22	1.22	100	0.00	0	Fr	VW	8	70	4	4	Gr
																									79.55	81.38	1.83	0.79	43.2	0.00	0	Fr	VW	8	65	4	5	Gr
																									81.38	83.21	1.83	1.83	100	0.00	0	Fr	W	8	56	4	5	GR
																									83.21	84.42	1.21	1.21	100	0.45	37.2	Fr	MS	6	76	4	5	GR
																									84.42	85.95	1.53	1.38	90.2	0.42	27.5	Fr	MS	5	65	4	5	GR

PROPERTY: MARG **HOLE:** DDH-07-99

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.			MINERALS				SAMPLES From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	Blocks From (m)	To (m)	Interval (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weathering	Hardness	JOINTS Frequency	Attitude	Shape	Roughness	Infilling
LA	55	88.81	107.28		QGPH		SH	LA	BK and WH QGPH. Intensely folded, SH and LA. Med. Ca. Augenized sweats of WH Qz and Ca sheared and elongated. Contains Qz, Ca, Ak, w/ minor Py. LA at 55 deg. Contains ~50 cm nested interval of QZIT. Toward FW contact unit is xcut by Vn's of WH Qz.	car			Qz	Ca	Ak	Py											85.95	87.17	1.22	1.22	100	0.16	13.1	Fr	W	8	65	4	5	GR
																										87.17	89.00	1.83	1.77	96.7	0.64	35	Fr	VW	>20	70	4	5	GR
																										89.00	89.76	0.76	0.65	85.5	0.00	0	Fr	W	16	60	4	4	GR
																										89.76	90.53	0.77	0.77	100	0.10	13	Fr	MS	7	68	4	4	GR
																										90.53	92.96	2.43	0.73	30	0.00	0	Fr	w	>20	70	5	4	CA
																										92.96	94.18	1.22	0.33	27	0.00	0	Fr	ms	>20	0	5	4	CA
																										94.18	96.62	2.44	1.46	59.8	0.11	5	Fr	VW	>20	80	4	4	GR
																										96.62	98.45	1.83	1.83	100	0.26	14.2	Fr	W	7	60	4	3	GR
																										98.45	100.27	1.82	0.12	7	0.00	0	Fr	W	10	70	4	5	GR
																										100.27	101.49	1.22	1.15	94.3	0.29	23.8	Fr	W	8	70	4	5	GR
																										101.49	104.24	2.75	0.18	7	0.00	0	Fr	VW	11	50	5	4	CA
																										104.24	105.76	1.52	1.52	100	0.00	0	Fr	W	11	70	4	3	GR
																										105.76	107.28	1.52	0.90	59.2	0.00	0	Fr	VW	5	70	4	5	GR
LA	55	107.28	129.35		QZIT		SH	LA	GY QZIT. Banded, SH, LA QZIT. Unit is brecciated and xcut by WH Qz Vn's. Contains Gr LA, Ca and Ak. Weak car alteration as Fx infill. Local small subunits of QGPH <20cm. LA at 55 deg.	car			Gr	Ca	Ak													107.28	108.81	1.53	1.53	100	0.00	0	Fr	VW	10	70	4	5	GR
																										108.81	109.42	0.61	0.61	100	0.00	0	Fr	W	10	30	5	5	QZ
																										109.42	110.03	0.61	0.50	82	0.00	0	Fr	W	12	78	4	5	GR
																										110.03	110.49	0.46	0.46	100	0.15	32.6	Fr	W	11	75	4	5	GR
																										110.49	111.25	0.76	0.76	100	0.10	13.2	Fr	MS	7	78	4	5	GR
																										111.25	112.32	1.07	0.82	76.6	0.00	0	Fr	W	>20	0	4	5	GR
																										112.32	112.78	0.46	0.20	43.5	0.00	0	Fr	VW	>20	0	4	5	GR
																										112.78	114.15	1.37	0.74	54	0.31	22.6	Fr	MS	10	80	4	5	GR
																										114.15	115.52	1.37	1.37	100	0.24	17.5	Fr	ms	11	82	4	5	GR
																										115.52	116.43	0.91	1.52	167	0.83	91.2	Fr	ms	2	55	4	5	GR
																										116.43	117.95	1.52	1.52	100	0.37	24.3	Fr	ms	7	55	5	5	QZ
																										117.95	119.78	1.83	1.83	100	0.12	7	Fr	ms	11	70	4	5	GR
																										119.78	121.00	1.22	0.84	68.9	0.00	0	Fr	W	10	65	4	4	GR
																										121.00	121.46	0.46	0.46	100	0.00	0	Fr	W	>20	68	4	4	GR
																										121.46	121.92	0.46	0.46	100	0.00	0	Fr	W	>20	70	4	4	GR
																										121.92	123.13	1.21	1.10	90.9	0.00	0	Fr	W	13	79	4	5	GR
																										123.13	123.75	0.62	0.62	100	0.00	0	Fr	W	3	80	5	4	CA
																										123.75	125.12	1.37	1.37	100	0.00	0	Fr	W	10	77	4	3	GR
																										125.12	126.49	1.37	1.37	100	0.00	0	Fr	W	14	78	5	4	QZ
																										126.49	127.71	1.22	1.04	85.2	0.00	0	Fr	W	18	66	4	5	GR
LA	50	129.35	140.21		QMPH		SH	LA	GY QMPH. Strongly Folded, SH and LA. Moderate Ca. Contains strong Gr w/ Qz, Ca, Ak and Trace Py. LA varies throughout unit from 20-55 Deg. Average 50 deg.	car			Gr	Qz	Ca	Ak												127.71	130.45	2.74	2.74	100	0.16	6	Fr	W	7	80	4	4	GR
																										130.45	131.97	1.52	1.52	100	0.11	7	Fr	W	10	78	5	5	CA
																										131.97	134.41	2.44	2.02	82.8	0.00	0	Fr	VW	13	88	4	5	GR
																										134.41	135.32	0.91	0.89	97.8	0.00	0	Fr	VW	>20	55	4	5	GR
																										135.32	136.25	0.93	0.93	100	0.00	0	Fr	VW	9	75	4	5	GR
																										136.25	137.77	1.52	1.48	97.4	0.11	7	Fr	VW	19	68	4	4	GR
																										137.77	140.51	2.74	2.54	92.7	0.00	0	Fr	VW	14	70	4	4	GR
																										140.51	142.34	1.83	1.83	100	0.11	6	Fr	VW	16	70	5	5	QZ
																										142.34	143.86	1.52	1.10	72.4	0.00	0	Fr	VW	>20	70	4	5	GR
																										143.86	145.23	1.37	0.38	27.7	0.00	0	Fr	VW	>20	44	4	5	GR
																										145.23	145.99	0.76	0.64	84.2	0.00	0	Fr	VW	>20	0	4	5	GR
LA	50	147.52	151.49		QMPH		SH	LA	GN QMPH. Strongly folded, LA and SH. Intense Se w/ moderate Ca. Unit is strongly bleached and altered. Contains Se, Ca, Qz, Do, Ak, w/ minor Cl. LA at 50 deg.	ser	car		Se	Ca	Do	Cl												145.99	147.52	1.53	0.79	51.6	0.00	0	Fr	VW	>20	0	4	5	GR
																										147.52	148.44	0.92	0.92	100	0.00	0	Fr	W	>20	78	4	4	GR
																										148.44	150.27	1.83	1.83	100	0.00	0	Fr	VW	16	80	4	4	GR
																										150.27	151.49	1.22	1.22	100	0.26	21.3	Fr	W	16	75	4	4	GR

PROPERTY: MARG **HOLE:** DDH-07-99

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.			MINERALS				SAMPLES From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	Blocks From (m)	To (m)	Intvl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weathering	Hardness	JOINTS Frequency	Attitude	Shape	Roughness	Infilling
LA	75	151.49	166.12		QMPH		SH	LA	GY QMPH. Strongly folded, LA and SH. Weak to moderate Ca. Contains locally strong Gr. Qz as sweats. Contains WH Qz veins up to 20 cm. LA at 75 deg. Very poor recovery from 160.02-170.38cm No signs of faulting. Trace Py.	car			Qz	Gr	Ca	Py										151.49	152.40	0.91	0.81	100	0.13	14.3	Fr	W	8	70	4	5	GR
																										152.40	153.01	0.61	0.20	32.8	0.17	27.9	Fr	W	>20	65	4	4	GR
																										153.01	153.62	0.61	0.39	63.9	0.00	0	Fr	W	18	65	4	5	GR
																										153.62	155.45	1.83	1.52	83.1	0.13	7	Fr	VW	>20	58	4	4	GR
																										155.45	157.28	1.83	1.83	100	0.86	47	Fr	W	15	85	4	5	GR
																										157.28	158.50	1.22	1.22	100	0.00	0	Fr	W	10	75	4	4	GR
																										158.50	160.00	1.50	1.41	94	0.00	0	Fr	W	14	75	4	4	GR
																										160.00	160.93	0.93	0.38	40.9	0.00	0	Fr	W	>20	0	4	4	GR
																										160.93	161.85	0.92	0.78	84.8	0.00	0	Fr	W	>20	65	4	4	GR
																										161.85	164.29	2.44	0.55	22.5	0.00	0	Fr	W	>20	70	5	5	QZ
																										164.29	166.12	1.83	0.24	13.1	0.00	0	Fr	W	>20	70	5	5	QZ
																										166.12	170.38	4.26	0.90	21.1	0.00	0	Fr	W	>20	68	4	4	GR
																										170.38	172.82	2.44	2.44	100	0.69	28.3	Fr	MS	18	80	4	5	GR
																										172.82	174.35	1.53	1.53	100	0.32	20.8	Fr	MS	9	72	4	4	GR
																										174.35	175.87	1.52	1.16	76.3	0.11	7	Fr	MS	7	75	4	4	GR
																										175.87	177.39	1.52	0.70	46.1	0.41	27	Fr	W	7	80	5	4	CA
																										177.39	179.53	2.14	1.86	86.9	0.30	14	Fr	MS	8	70	4	4	GR
																										179.53	180.75	1.22	0.92	75.4	0.00	0	Fr	W	>20	73	4	5	GR
																										180.75	181.36	0.61	0.61	100	0.00	0	Fr	MS	18	75	4	5	GR
																										181.36	183.18	1.82	1.43	78.6	0.29	15.9	Fr	MS	20	85	4	4	GR
																										183.18	184.40	1.22	1.22	100	0.14	11.5	Fr	MS	12	68	4	4	GR
																										184.40	185.62	1.22	1.22	100	0.10	8	Fr	MS	10	73	4	4	GR
																										185.62	188.67	3.05	3.05	100	1.38	45.2	Fr	MS	6	82	5	4	QZ
																										188.67	190.20	1.53	1.42	92.8	0.53	34.8	Fr	MS	6	58	4	4	GR
																										190.20	191.11	0.91	0.81	89	0.12	13.2	Fr	W	45	48	4	4	GR
																										191.11	192.33	1.22	1.22	100	0.14	11.5	Fr	W	43	68	4	5	GR
																										192.33	193.24	0.91	0.79	86.8	0.00	0	Fr	W	12	78	4	4	GR
																										193.24	194.15	0.91	0.49	53.8	0.00	0	Fr	W	>20	40	4	3	GR
																										194.15	194.91	0.76	0.35	46.1	0.00	0	Fr	W	>20	0	5	5	QZ
																										194.91	196.29	1.38	0.90	65.2	0.14	10.1	Fr	W	9	85	5	4	GR
																										196.29	197.20	0.91	0.30	33	0.00	0	Fr	W	>20	65	5	5	QZ
																										197.20	198.72	1.52	0.60	39.5	0.00	0	Fr	VW	>20	80	4	5	GR
																										198.72	200.10	1.38	1.35	97.8	0.36	26.1	Fr	W	7	75	4	5	GR
																										200.10	201.47	1.37	0.95	69.3	0.00	0	Fr	W	10	45	4	5	GR
																										201.47	203.00	1.53	1.53	100	0.00	0	Fr	W	5	70	4	5	GR
																										203.00	205.49	2.49	2.04	81.9	0.41	16.5	Fr	W	>20	58	4	4	GR
																										205.49	207.87	2.38	2.38	100	0.65	27.3	Fr	W	6	73	4	3	GR
																										207.87	209.70	1.83	1.83	100	0.68	37.2	Fr	MS	7	72	4	4	GR
LA	50	211.75	213.15		SH		SH	LA	GN QMPH. Very folded. SH and LA. Abundant Se and Ca. Xcutting Vt's of Qz up to 1.0 cm w/ minor Ca. Trace Py throughout unit. LA at 50 deg.	ser	car		Se	Ca	Qz	Py										209.70	212.45	2.75	2.72	98.9	0.53	19.3	Fr	VW	9	88	4	5	GR
																										212.45	214.88	2.43	2.43	100	1.84	75.7	Fr	W	4	60	4	4	GR
																										214.88	217.02	2.14	2.04	95.3	0.00	0	Fr	VW	5	60	4	5	GR
									EOH 218.54 m																	217.02	218.54	1.52	1.36	89.5	0.00	0	Fr	VW	10	55	4	5	GR

PROJECT - MARG

PROPERTY: MARG

HOLE: DDH-07-100

Easting	Northing	Elev.	Depth (m)
524898.204	7098031.537	1551.991	498.96

Contractor: Caron Diamond Drilling Ltd.
Drill: Longyear D-38

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	335	-75	Brunton	462.1	-	-60	Acid
159.72	-	-69.15	Acid				
319.13	-	-63.15	Acid				
364.85	-	-62.15	Acid				

Core size: HQ/NQ
Cassing depth: 3.66 (m) in/**out**

Drilling dates: July 17 - August 10, 2007

Logged by: Ben Gelber and Michael Philips

Target: Massive sulphide lenses D1-A1.

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments
356.00	356.92	0.92	SUSM	3 lenses of MA and semi-MA Sx
356.92	357.75	0.83	QGPH	bands of SUSM and diss. Sx throughout
357.75	359.10	1.35	QMPH	QMPH w/ 6cm band of SUMS
359.10	369.45	10.35	QGPH	QGPH w/ Di Py
369.45	373.35	3.90	QMPH	QMPH w/ 3% Di Py
373.35	376.77	3.42	QMPH	
376.77	377.10	0.33	SUMS	MA Sx in nose of isoclinal fold.
377.10	377.90	0.80	QMPH	Sx bands on cm scale
377.90	379.35	1.45	SUMS	MA Sx isoclinally folded
379.35	388.17	8.82	QMPH	Di Py

SAMPLES	
Numbers:	C487523 - C487539
Total:	17
Date sent:	August 10, 2007

COMMENTS

PROPERTY: MARG **HOLE:** DDH-07-100

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	LITHOLOGY To (m)	LITHOLOGY Interval (m)	LITHOLOGY Type	LITHOLOGY Unit	LITHOLOGY Texture	LITHOLOGY Modifier	Notes:	ALT.			MINERALS				SAMPLES From (m)	SAMPLES To (m)	SAMPLES Interval (m)	SAMPLES Sample	SAMPLES Cu (%)	SAMPLES Zn (%)	SAMPLES Pb(%)	SAMPLES Ag (%)	SAMPLES Au (%)	Blocks From (m)	Blocks To (m)	Blocks Intvl. (m)	GEOTECHNICAL REC (m)	GEOTECHNICAL REC Percent	GEOTECHNICAL RQD (m)	GEOTECHNICAL RQD Percent	GEOTECHNICAL Weathertin	GEOTECHNICAL Hardnes	JOINTS Frequency	JOINTS Attitude	JOINTS Shape	JOINTS Roughnes	JOINTS Infilling
		0.00	4.37	4.37	OVBN				OVBN																	0.00	4.57	4.57	0.48	11	0.00	0	VW	MS	>20	82	4	4	Gr
LA	80	4.37	6.10	1.73	QGPH	DMph	SH	LA	Bkand WH QGPH. Very folded and LA. Strong tectonic fabric. Bands of BK Gr w/ WH Qz and Ca. contains abundant Ca and minor ferroan carbonatee. Oxi staining on all surfaces.	oxi			Qz	Ca	Do	Ak										4.57	6.10	1.53	1.45	95	0.00	0	VW	MS	>20	68	4	5	Gr
SH	45	6.10	19.01	12.91	DIOR	Tg	PO	SH	GN DIOR.Intense Cl and strong Ca and Ferroan carbonates. Oxi staining on all Fx surfaces. Abundant Qz veining w/ associated ferroan carbonates. Unit has strong tectonic fabric at 45 deg.	chl	car	oxi	Cl	Do	Ak											6.10	8.23	2.13	0.95	45	0.00	0	W	MS	>20	36	4	4	Gr
																										8.23	10.36	2.13	1.05	49	0.98	46	W	MS	6	36	5	3	Ca
																										10.36	12.95	2.59	1.78	68	0.61	24	W	MS	4	85	4	5	Ca
																										12.95	14.32	1.37	1.37	100	0.43	31	W	MS	8	54	2	2	Ca
																										14.32	17.37	3.05	1.69	55	1.88	62	W	MS	6	60	4	4	Gr
SH	45	18.01	35.10	16.09	QGPH	DMph	SH	LA	Bk and WH QGPH. Very folded and LA. Strong tectonic fabric. Bands of BK Gr w/ WH Qz and Ca. Contains abundant Ca and minor ferroan carbonates. Unit is broken. LA varies throughout unit with average of 45 deg.	car	oxi		Qz	Ca											17.37	19.51	2.14	0.88	41	0.60	28	W	MS	7	70	4	5	Gr
																										19.51	20.42	0.91	0.91	100	0.00	0	VW	HW	>20	72	4	5	Gr
																										20.42	23.47	3.05	0.98	31	0.00	0	VW	HW	>20	45	4	5	Gr
																										23.47	24.38	0.91	0.91	100	0.00	0	VW	HW	>20	60	4	5	Gr
																										24.38	26.52	2.14	2.14	100	0.00	0	W	HW	>20	54	4	5	Gr
																										26.52	29.57	3.05	1.65	54	0.69	23	VW	HW	>20	90	4	3	Gr
																										29.57	31.24	1.67	0.85	51	0.11	6.6	W	HW	>20	80	4	5	Gr
																										31.24	32.61	1.37	1.37	100	0.00	0	W	MS	6	65	4	5	Gr
																										32.61	34.74	2.13	2.13	100	0.65	31	W	MS	3	75	4	5	N/I
SH	45	35.10	48.35	13.25	DIOR	Tg	PO	SH	GN DIOR. Intense chl and strong Ca and Do. Unit is PO, MG and contains pronounces tectonic fabric at 45 deg. Unit is xcut by VN's of Qz w/ Ca and Do. Locally CG porphyritic w/ stretched Pl and Hb visible	chl	car		Cl	Ca	Pl	Hb										34.74	37.79	3.05	0.85	28	1.80	59	W	MS	3	50	4	5	N/I
																										37.79	38.71	0.92	0.92	100	0.59	64	W	MS	2	75	4	5	N/I
																										38.71	40.23	1.52	1.52	100	1.40	92	W	MS	6	75	4	5	N/I
																										40.23	41.48	1.25	1.20	96	0.61	49	FR	MS	6	60	5	4	N/I
																										41.48	44.19	2.71	2.71	100	2.43	90	FR	MS	1	68	5	5	N/I
																										44.19	47.24	3.05	3.05	100	2.15	70	FR	MS	2	65	5	4	N/I
LA	45	48.35	74.63	26.28	QGPH	DMps	SH	LA	BK and WH QGPH. Intensely folded, SH and LA. Bands of BK Gr w/ WH Qz and Ca. oxi on surfaces. LA varies throughout unit averaging 45 deg.	car	oxi		Qx	Ca											47.24	50.90	3.66	3.62	99	2.53	69	FR	MS	7	48	5	4	N/I
									(48.35-51.69m) GY QZIT. Recrystallized and xcut by Qz, Ca VT's.																50.90	53.04	2.14	2.10	98	0.90	42	FR	MS	7	70	5	4	N/I
																										53.04	55.17	2.13	2.10	99	0.10	4.7	FR	MS	4	70	4	5	N/I
																										55.17	57.00	1.83	1.70	93	0.28	15	FR	MS	5	60	5	4	N/I
									(56.20-60.20m) GY QZIT. Recrystallized and xcut by Qz, Ca VT's.																57.00	58.37	1.37	1.37	100	1.03	75	FR	MS	3	80	5	4	N/I
																										58.37	60.35	1.98	1.98	100	1.41	71	FR	MS	2	55	5	4	N/I
																										60.35	61.87	1.52	1.52	100	0.22	14	FR	MS	5	35	4	5	N/I
																										61.87	64.31	2.44	2.40	98	0.00	0	FR	MS	12	65	4	5	N/I
																										64.31	65.53	1.22	1.22	100	0.00	0	FR	MS	10	0	4	5	N/I
																										65.53	66.14	0.61	0.52	85	0.33	54	FR	MS	3	75	4	5	N/I
																										66.14	69.19	3.05	3.05	100	1.24	41	FR	MS	4	58	4	5	N/I
																										69.19	72.24	3.05	3.05	100	1.58	52	FR	MS	6	50	4	5	N/I
SH	45	74.63	125.37	50.74	DIOR	Tg	PO	SH	GN DIOR. MG to CG, PO and sheared. Intense chl and strong car alt. Unit is locally CG w/ stretched and fractured xtals of Pl and Hb visible. Xcut by VT's of Ca and minor Qz. Trace Cp locally associated w/ xcutting VT's unit has tectonic fabric at 45 deg.	chl	car		Cl	Ca	Pl	Cp										72.24	75.29	3.05	3.05	100	2.13	70	FR	MS	4	57	5	5	N/I
																										75.29	78.33	3.04	3.04	100	2.34	77	FR	MS	3	80	5	4	N/I
																										78.33	81.38	3.05	2.90	95	2.13	70	FR	MS	5	5	5	4	N/I

PROPERTY: MARG **HOLE:** DDH-07-100

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	LITHOLOGY To (m)	LITHOLOGY Interval (m)	LITHOLOGY Type	LITHOLOGY Unit	LITHOLOGY Texture	LITHOLOGY Modifier	Notes:	ALT.			MINERALS				SAMPLES From (m)	SAMPLES To (m)	SAMPLES Interval (m)	SAMPLES Sample	SAMPLES Cu (%)	SAMPLES Zn (%)	SAMPLES Pb(%)	SAMPLES Ag (%)	SAMPLES Au (%)	Blocks From (m)	Blocks To (m)	Blocks Intvl. (m)	GEOTECHNICAL REC (m)	GEOTECHNICAL REC Percent	GEOTECHNICAL RQD (m)	GEOTECHNICAL RQD Percent	GEOTECHNICAL Weatherin	GEOTECHNICAL Hardnes	JOINTS Frequency	JOINTS Attitude	JOINTS Shape	JOINTS Roughnes	JOINTS Infilling
																										81.38	84.43	3.05	3.05	100	2.67	88	FR	MS	2	72	5	4	N/I
																										84.43	87.48	3.05	2.89	95	2.44	80	FR	MS	3	50	5	4	N/I
																										87.48	90.53	3.05	3.05	100	2.04	67	FR	MS	4	78	5	4	N/I
																										90.53	93.57	3.04	3.05	100	2.32	76	FR	MS	4	65	5	4	N/I
																										93.57	96.62	3.05	3.05	100	2.07	68	FR	MS	4	58	5	4	N/I
																										96.62	99.67	3.05	3.05	100	1.80	59	FR	MS	4	90	5	4	N/I
																										99.67	102.72	3.05	1.70	56	1.58	51	FR	MS	4	82	5	4	N/I
																										102.72	105.77	3.05	3.01	99	2.07	68	FR	MS	3	90	5	5	N/I
																										105.77	108.81	3.04	3.02	99	2.53	83	FR	MS	4	90	4	5	N/I
																										108.81	111.86	3.05	2.96	97	2.47	81	FR	MS	2	85	4	4	N/I
																										111.86	114.91	3.05	2.20	72	2.93	96	FR	MS	2	70	5	5	N/I
																										114.91	117.96	3.05	2.35	77	2.70	89	FR	MS	2	85	4	5	N/I
																										117.96	121.01	3.05	3.05	100	2.61	86	FR	MS	2	90	4	5	N/I
																										121.01	124.05	3.04	3.04	100	2.66	88	FR	MS	1	80	4	5	N/I
SH	50	125.37	151.49	26.12	QZIT	Mq	SH		GY QZIT. FG recrystallized QZIT. Unit is fractured w/ Qz and minor Ca as infill and as VT's. unit is locally carbonate rich. Py locally associated w/ xcutting VT's as subhedral to euhedral xtals. Unit is locally mixedw/ subunits QGPH up to 1.0m. QGPH subunits are generally very broken. unit has tectonic fabric at 50 deg.	car			Qz	Ca													124.05	126.19	2.14	1.26	59	0.95	44	FR	MS	2	70	4	5	N/I
																										126.19	129.23	3.04	1.88	62	1.45	48	FR	MS	5	88	4	5	N/I
																										129.23	132.28	3.05	3.05	100	2.35	77	FR	MS	4	65	4	5	N/I
																										132.28	133.81	1.53	1.38	90	0.91	59	FR	MS	2	70	4	5	N/I
																										133.81	136.24	2.43	2.43	100	1.54	63	FR	MS	4	60	4	3	N/I
																										136.24	137.77	1.53	1.53	100	0.22	14	FR	MS	10	60	4	4	N/I
																										137.77	139.29	1.52	1.52	100	0.78	51	FR	MS	3	55	4	5	N/I
																										139.29	140.82	1.53	1.53	100	1.00	65	FR	W	5	50	4	5	N/I
																										140.82	141.88	1.06	0.30	28	0.00	0	FR	VW	20	40	4	5	N/I
																										141.88	145.08	3.20	2.35	73	1.62	51	FR	VW	3	2	4	5	N/I
																										145.08	145.39	0.31	0.31	100	0.00	0	FR	VW	20	90	4	5	N/I
																										145.39	147.22	1.83	1.83	100	0.60	33	FR	VW	7	45	4	5	N/I
																										147.22	149.35	2.13	1.96	92	0.75	35	FR	MS	8	50	4	5	N/I
																										149.35	151.49	2.14	1.37	64	1.18	55	FR	MS	5	80	4	5	N/I
LA	45	151.49	212.20	60.71	QZIT	Mq	SH	LA	Large mixed unit of GY QZIT and BK QGPH. Sections of GY recrystallized, fractured, SH QZIT w/ regular intercallations of BK and WH QGPH. Both units locally Py rich w/ sub to euhedral xtal growth up to 1.0cm. QZIT bleached and completely recrystallized locally, impure and granular in others. QGPH has strong tectonic fabric, is very folded, SH and LA w/ minor Ca. LA varies throughout unit averaging 50 deg.				Qz	Ca	Py												151.49	152.40	0.91	0.50	55	0.00	0	FR	MS	20	0	4	5	N/I
																										152.40	153.01	0.61	0.55	90	0.00	0	FR	VW	20	70	4	5	N/I
																										153.01	154.99	1.98	1.58	79	0.00	0	FR	W	20	70	4	5	N/I
																										154.99	155.45	0.46	0.46	100	0.00	0	FR	W	20	72	4	5	N/I
																										155.45	156.97	1.52	1.46	96	0.00	0	FR	W	20	40	4	5	N/I
																										156.97	159.11	2.14	1.76	82	0.15	7	FR	W	5	5	4	5	N/I
																										159.11	159.71	0.60	0.60	100	0.11	18	FR	W	5	65	4	5	N/I
																										159.71	160.33	0.62	0.15	24	0.00	0	FR	W	20	70	4	5	N/I
																										160.33	160.63	0.30	0.30	100	0.00	0	FR	W	20	68	4	5	N/I
																										160.63	162.00	1.37	0.92	67	0.38	28	FR	W	9	55	4	5	N/I
																										162.00	162.76	0.76	0.76	100	0.29	38	FR	W	5	55	4	5	N/I
																										162.76	163.38	0.62	0.50	81	0.12	19	FR	W	20	76	4	5	N/I
																										163.38	164.13	0.75	0.15	20	0.00	0	FR	W	20	64	4	5	N/I
																										164.13	165.66	1.53	0.15	10	0.00	0	FR	W	20	65	4	5	N/I
																										165.66	165.81	0.15	0.15	100	0.00	0	FR	W	20	40	4	5	N/I
																										165.81	166.73	0.92	0.65	71	0.48	52	FR	W	15	80	4	5	N/I
																										166.73	168.86	2.13	0.26	12	0.62	29	FR	W	8	30	4	5	N/I
																										168.86	169.70	0.84	0.45	54	0.10	12	FR	W	16	45	4	5	N/I
																										169.70	171.91	2.21	1.10	50	0.42	19	FR	W	8	80	4	5	N/I
																										171.91	172.52	0.61	0.61	100	0.33	54	FR	W	10	65	4	5	N/I

PROPERTY: MARG **HOLE:** DDH-07-100

LITHOLOGY										ALT.			MINERALS				SAMPLES									Blocks			GEOTECHNICAL						JOINTS				
Struct.																													REC		RQD								
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:								From (m	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	PN(%)	Ag (%)	Au (%)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weatherin	Hardnes	Frequency	Attitude	Shape	Roughnes	Infilling
																										172.52	173.74	1.22	0.80	66	0.23	19	FR	W	13	72	4	5	N/I
																										173.74	174.96	1.22	1.22	100	0.61	50	FR	W	7	60	4	3	N/I
																										174.96	176.78	1.82	1.82	100	0.31	17	FR	W	4	45	4	4	N/I
																										176.78	178.92	2.14	2.10	98	1.21	57	FR	W	3	35	4	3	N/I
																										178.92	181.51	2.59	2.45	95	1.05	41	FR	W	8	63	4	4	N/I
																										181.51	183.95	2.44	2.44	100	1.36	56	FR	MS	7	70	4	3	N/I
																										183.95	184.86	0.91	0.91	100	0.42	46	FR	MS	4	72	4	4	N/I
																										184.86	187.15	2.29	2.22	97	1.30	57	FR	MS	2	75	5	3	N/I
																										187.15	188.06	0.91	0.91	100	0.16	18	FR	MS	12	35	4	5	N/I
																										188.06	189.89	1.83	0.66	36	0.12	6.6	FR	MS	7	22	3	3	N/I
																										189.89	192.94	3.05	1.85	61	0.00	0	FR	MS	11	25	5	3	N/I
																										192.94	195.99	3.05	3.05	100	0.69	23	FR	MS	12	52	4	4	N/I
																										195.99	196.96	0.97	0.91	94	0.00	0	FR	MS	15	50	4	5	N/I
																										196.96	199.64	2.68	2.68	100	0.71	26	FR	MS	7	70	5	5	Gr
																										199.64	201.02	1.38	1.19	86	0.30	22	FR	MS	10	85	4	5	N/I
																										201.02	201.78	0.76	0.76	100	0.00	0	FR	MS	>20	70	4	5	Ca
																										201.78	204.50	2.72	2.72	100	0.43	16	FR	MS	>20	60	4	5	Gr
																										204.50	206.35	1.85	1.85	100	0.34	18	FR	MS	10	72	4	4	Gr
																										206.35	208.80	2.45	2.43	99	0.54	22	FR	MS	7	32	4	4	Gr
																										208.80	210.61	1.81	1.81	100	0.32	18	FR	MS	8	65	4	5	Gr
																										210.61	211.23	0.62	0.49	79	0.00	0	FR	MS	15	54	4	3	N/I
SH	45	212.20	315.47	103.27	DIOR	Tg	PO	SH	GN DIOR. Intense chl alteration and moderate to strong car alteration. MG PO texture with relic Pl and Hb xtals in Cl, Ca matrix w/ Ca also as Fx infill. Pl xtals are stretched in direction of strong tectonic fabric at 45 deg.	chl	car		Cl	Ca	Pl	Hb													211.23	213.66	2.43	2.00	82	0.90	37	FR	MS	10	85	5	4	N/I
																										213.66	215.44	1.78	1.68	94	1.36	76	FR	MS	4	70	4	3	N/I
																										215.44	218.54	3.10	2.62	85	2.01	65	FR	MS	14	75	5	4	N/I
																										218.54	221.59	3.05	2.93	96	2.25	74	FR	MS	10	54	5	4	N/I
																										221.59	223.11	1.52	1.50	99	1.25	82	FR	MS	6	50	5	4	N/I
																										223.11	225.86	2.75	1.63	59	1.50	55	FR	MS	4	60	3	3	N/I
																										225.86	227.69	1.83	1.61	88	1.20	66	FR	MS	9	80	3	3	N/I
																										227.69	228.90	1.21	1.16	96	0.68	56	FR	MS	11	68	3	3	N/I
																										228.90	230.73	1.83	1.70	93	0.90	49	FR	MS	8	50	3	3	N/I
																										230.73	233.78	3.05	2.92	96	1.84	60	FR	MS	7	70	5	4	N/I
																										233.78	236.07	2.29	2.20	96	0.74	32	FR	MS	>20	40	3	3	N/I
																										236.07	237.13	1.06	0.10	9	0.10	9.4	FR	MS	>20	70	5	4	N/I
																										237.13	239.88	2.75	2.60	95	0.47	17	FR	MS	>20	50	5	4	N/I
																										239.88	241.10	1.22	1.22	100	0.54	44	FR	MS	17	60	3	3	N/I
																										241.10	242.16	1.06	0.90	85	0.17	16	FR	MS	16	30	5	4	N/I
																										242.16	245.67	3.51	3.30	94	1.68	48	FR	MS	8	70	3	3	N/I
																										245.67	248.72	3.05	2.78	91	1.62	53	FR	MS	10	80	3	3	N/I
																										248.72	249.94	1.22	1.10	90	0.58	48	FR	MS	9	75	3	3	N/I
																										249.94	251.16	1.22	1.07	88	0.55	45	FR	MS	7	68	5	4	N/I
																										251.16	253.14	1.98	1.95	98	0.96	48	FR	MS	11	45	3	3	N/I
																										253.14	254.20	1.06	1.04	98	0.40	38	FR	MS	12	66	3	3	N/I
																										254.20	256.96	2.76	2.65	96	2.50	91	FR	MS	10	42	3	3	N/I
																										256.96	259.08	2.12	1.90	90	1.10	52	FR	MS	6	45	3	3	N/I
																										259.08	261.21	2.13	1.74	82	1.03	48	FR	MS	8	60	3	3	N/I
																										261.21	262.43	1.22	1.08	89	0.46	38	FR	MS	>20	65	3	3	N/I
																										262.43	264.26	1.83	1.80	98	1.14	62	FR	MS	14	50	3	2	N/I
																										264.26	267.00	2.74	2.50	91	1.84	67	FR	MS	6	40	3	4	N/I
																										267.00	269.44	2.44	2.30	94	1.49	61	FR	MS	5	84	3	4	N/I
																										269.44	271.88	2.44	2.00	82	0.34	14	FR	MS	15	45	5	4	N/I
																										271.88	272.74	0.86	0.86	100	0.15	17	FR	MS	14	85	5	4	N/I
																										272.74	274.62	1.88	1.79	95	0.34	18	FR	MS	10	65	5	5	N/I
																										274.62	276.42	1.80	1.80	100	0.74	41	FR	MS	6	86	5	3	N/I
																										276.42	279.27	2.85	2.85	100	2.55	89	FR	MS	2	72	5	5	N/I
																										279.27	282.35	3.08	3.00	97	2.35	76	FR	MS	1	68	5	4	N/I
																										282.35	285.50	3.15	3.10	98	1.77	56	FR	MS	5	68	5	5	N/I
																										285.50	288.65	3.15	3.00	95	1.60	51	FR	MS	7	58	5	4	N/I
																										288.65	291.69	3.04	3.04	100	2.38	78	FR	MS	3	55	5	3	N/I
																										291.69	294.74	3.05	3.05	100	2.34	77	FR	MS	4	85	5	3	N/I
																										294.74	297.48	2.74	2.75	100	1.74	64	FR	MS	5	80	5	4	N/I
																										297.48	299.00	1.52	1.52	100	0.78	51	FR	MS	7	85	5	5	N/I

PROPERTY: MARG **HOLE:** DDH-07-100

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.	MINERALS				SAMPLES From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	Blocks From (m)	To (m)	Intvl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weathering	Hardness	JOINTS Frequency	Alt.	Shape	Roughness	Infilling
																								299.00	302.05	3.05	2.90	95	2.18	71	FR	MS	3	80	5	4	N/I
																								302.05	303.58	1.53	1.52	99	0.76	50	FR	MS	4	72	5	4	N/I
																								303.58	305.41	1.83	1.80	98	0.78	43	FR	MS	6	80	5	5	N/I
																								305.41	307.08	1.67	1.60	96	0.65	39	FR	MS	3	62	5	3	N/I
																								307.08	309.83	2.75	2.75	100	1.66	60	FR	MS	3	82	4	4	N/I
																								309.83	312.42	2.59	2.59	100	1.70	66	FR	MS	7	80	5	3	N/I
																								312.42	315.47	3.05	3.00	98	2.64	87	FR	MS	1	88	5	3	N/I
FO	30	315.47	318.06	2.59	QZIT	Mq	FO		DK GY colour, thich band; 20 cm band calcareous; 8 cm band of QMPH.															315.47	318.51	3.04	3.00	99	1.68	55	FR	MS	11	78	4	4	N/I
FO	65	318.06	348.70	28.64	QGPH	DMv	FO		to <0.5mm GY Qz and to 3cm WH Qz sweats. FLT at 318.16 at 70 deg w/ crushed rock and gouge, 9cm. FLT at 320.27 at ~70 deg w/ crushed and gougy, 8cm. FLT at 324.12-324.88m, highly broken, thin Gr Goon FO, wk FLT; Py v. fine up to 4mm, 1-4%. 10cm QMPH w/ high Cb at 346.35m	car		Gr	Qz	Cb													318.51	320.34	1.83	1.28	70	0.21	11	FR	MS	6	80	4	5	N/I
																								320.34	321.56	1.22	1.22	100	0.20	16	FR	MS	17	70	4	3	N/I
																								321.56	323.39	1.83	1.83	100	0.52	28	FR	W	7	80	4	4	Gr
																								323.39	325.53	2.14	0.62	29	0.27	13	FR	VW	10	78	4	5	Gr
																								325.53	328.27	2.74	1.59	58	0.80	29	FR	W	6	65	4	3	Gr
																								328.27	330.70	2.43	1.65	68	0.00	0	FR	W	16	70	4	3	Gr
																								330.70	333.76	3.06	1.16	38	0.56	18	FR	W	4	62	4	4	Gr
																								333.76	335.89	2.13	2.13	100	0.70	33	FR	W	10	70	4	5	Gr
																								335.89	338.63	2.74	2.75	100	0.00	0	FR	W	>20	78	4	4	Gr
																								338.63	339.55	0.92	0.92	100	0.14	15	FR	W	>20	80	4	4	Gr
																								339.55	340.76	1.21	1.00	83	0.00	0	FR	W	>20	82	4	5	Gr
																								340.76	344.12	3.36	1.37	41	0.12	3.6	FR	VW	>20	58	4	4	Gr
																								344.12	345.34	1.22	0.92	75	0.00	0	FR	VW	>20	68	4	4	Gr
FO	65	346.70	356.00	9.30	QMPH	DMv			QMPH - Mu>>Qz; 351.50-355.40 - increasing bands. QGPH in 15 - 40cm bands ~35% in total. QMPH = Ca weak	car		Mu	Qz	Gr										345.34	346.56	1.22	1.05	86	0.11	9	FR	W	14	82	4	5	Gr
																								346.56	348.69	2.13	1.50	70	0.17	8	FR	W	16	70	4	5	Gr
																								348.69	349.61	0.92	0.72	78	0.00	0	FR	W	18	70	4	4	Gr
																								349.61	352.04	2.43	2.29	94	0.78	32	FR	W	14	80	4	3	Gr
																								352.04	354.48	2.44	2.00	82	0.29	12	FR	W	>20	90	4	5	Gr
															354.45	355.90	1.45	C487523	0.01	0.03	<0.01	0.29	0.02	354.48	355.40	0.92	0.74	80	0.00	0	FR	W	>20	65	4	5	Gr
FO	75	356.00	356.90	0.90	SUSM				3 - SM & MS Sx lenses - 27cm SM at top. 27 MS at middle & 27cm SM at bottom. Lenses seperated by QMPH and Qz sweats up to 5cm. All lenses show weak Ga and Cp, w/ minor Sp.			Py	Ga	Sp	Cp	355.90	357.00	1.10	C487524	0.32	5.02	2.08	55.90	0.58	355.40	356.92	1.52	1.52	100	0.10	6.6	FR	W	>20	90	4	4	Gr
FO	70	356.92	357.75	0.83	QGPH	DMps	FO		QGPH - inports QMPH; 2cm SUSM and on bottom contact 20cm band of SUSM. Both weak Sp and Ga, fair Cp. Fair Di Py in QGPH, 9cm Qz sweat, strong Ca.	car		Py	Ga	Sp	Cp	357.00	357.80	0.80	C487525	0.01	2.74	0.90	19.75	0.22	356.92	358.74	1.82	1.76	97	0.78	43	FR	W	6	90	4	4	Gr
FO	75	357.75	359.10	1.35	QMPH	DMv	FO		Pale GN colour, Mu>>Qz, at 359.0 - 6cm band SUMS.			Py	Ga	Sp	Cp	357.80	359.10	1.30	C487526	0.32	1.12	0.41	15.30	0.28	358.74	360.88	2.14	2.14	100	0.63	29	FR	W	10	80	4	5	Gr
FO	65	359.10	369.45	10.35	QGPH	DMps	FO		BK, Py +/- 5% Di FG euhedral. 367.25-368.38 - Qz sweat w/ <10% bands and patches of QMPH; QGPH - strong GY Qz content >> Gr.			Gr	Py			359.10	360.60	1.50	C487527	0.01	0.06	<0.01	0.53	0.01	360.88	363.90	3.02	2.88	95	0.14	4.6	FR	W	8	81	4	4	Gr
															370.80	371.35	0.55	C487528	0.12	0.05	0.01	1.13	0.03	363.90	366.98	3.08	2.94	95	0.77	25	FR	VW	13	65	4	4	Gr
															371.35	372.50	1.15	C487529	0.25	0.03	<0.01	0.68	0.04	366.98	370.03	3.05	3.00	98	1.07	35	FR	W	6	88	4	3	Gr
FO	65	369.45	373.35	3.90	QMPH	DMv	FO		Med. GN, Qz strong - Qz porphyry 1-3% fine blue Qz phenocrysts, 3% Di Py. 371.35-372.50m zone with four 1cm to 8cm (15%) bands with Di rare heavy (<1cm) MA Py and minor Cp. Waek Cb			Qz	Mu	Py		372.50	373.00	0.50	C487530	0.02	<0.01	<0.01	0.37	0.02	370.03	373.07	3.04	3.04	100	2.55	84	FR	W	4	85	4	4	Gr
FO	65	373.35	376.77	3.42	QMPH	DMv	FO		QMPH-DK GN colour, increasing Mu and Qz segregations and Cb-pervasive in Mu and w/ Qz segregations. Occ. fine blue Qz phenocrysts. Bottom 25cm increasing mod-heavy Py along FO.							375.20	376.70	1.50	C487531	0.17	0.23	0.10	2.75	0.08	373.07	376.12	3.05	3.05	100	2.68	88	FR	W	4	75	4	5	Gr

PROPERTY: MARG **HOLE:** DDH-07-100

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.	MINERALS				SAMPLES From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	Blocks From (m)	To (m)	Intvl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weathering	Hardness	JOINTS Frequency	Attitude	Shape	Roughness	Infilling
FO	65	376.77	377.10	0.33	SUMS		MA		near top Sx dropped around isoclinal fold of QMPH 6cm wide; weak Cp>Ga>Sp		Py	Cp	Ga	Sp	376.70	377.15	0.45	C487532	0.73	6.31	2.82	40.70	0.90	376.12	376.56	2.44	2.38	98	1.46	60	FR	W	6	75	4	4	Gr
FO	55	377.10	377.90	0.80	QMPH	DMv	FO		Med. GN, near top 8cm band isoclinally folded. 1cm Sx bands near lower contact, increasing FO and DI Py.						DUPLICATE			C487533	1.37	7.41	3.47	53.10	1.18	378.56	381.00	2.44	2.20	90	0.15	6.1	FR	W	12	90	3	3	Gr
FO	60	377.90	379.35	1.45	SUMS		MA		378.40-378.65 - QMPH - mod. DI and weak FO Py; MASX - rare isoclinal folding; Cp>Ga>Sp - all very weak.		Py	Cp	Ga	Sp	377.15	377.85	0.70		0.26	0.56	0.30	10.55	0.25	381.00	384.05	3.05	3.05	100	1.58	52	FR	W	4	90	3	4	Gr
FO	60	379.35	388.17	8.82	QMPH	DMv	FO		379.35-382.55 - LA light GY and dark GN (Mu) weak, Cb;	car	Qz	Cb	Py		377.85	378.55	0.70	C487535	0.82	3.50	1.60	29.50	0.55	384.05	387.09	3.04	3.04	100	0.44	14	FR	W	12	88	4	3	N/I
									382.55-387.00 - weak blue Qz phenocrysts, strong DI Cb, Py - 3% DI and occ. <1cm SM foliaforms habit; strong folia Qz.						STANDARD			C487536	1.44	3.03	0.26	64.80	0.81	387.09	390.14	3.05	3.03	99	1.78	58	FR	W	10	85	4	4	N/I
									387.00-388.17 - DK GN, strong Mu						378.55	379.35	0.80	C487537	1.89	7.36	2.69	58.20	1.50	390.14	390.45	0.31	0.31	100	0.12	39	FR	W	8	75	4	3	N/I
															BLANK			C487538	<0.01	0.03	<0.01	0.18	<0.01	390.45	392.27	1.82	1.82	100	1.75	96	FR	W	10	85	4	4	Gr
															379.35	380.85	1.50	C487539	0.01	0.02	<0.01	0.29	0.02	392.27	395.32	3.05	3.05	100	0.79	26	FR	W	8	85	4	5	Gr
FO	60	388.17	394.65	6.48	QGPH	DMph			BK to DK-GY; LA FO; Qz content 80% - looks more like Gr QZIT; on bottom contact 1.3m of QMPH		Qz	Gr	Cb	Py										395.32	398.37	3.05	3.05	100	1.65	54	FR	W	4	65	4	4	Gr
FO	50	394.65	404.90	10.25	QGPH	DMph	LA		DK GY - BK, LA; bands of QMPH 10-100cm wide +/- 25%; QGPH - strong Qz ~50%; QMPH - strong Mu, weak Qz and Cb, Py 1-3%; strong folds - open and occ. isoclinal common.		Qz	Gr												398.37	401.42	3.05	3.00	98	1.49	49	FR	W	4	45	4	5	Gr
																								401.42	404.47	3.05	3.05	100	1.26	41	FR	W	8	60	4	5	Gr
FO	55	404.90	411.80	6.90	QMPH	DMv			LT GY and MD GN; Qz>Mu, rare blue Qz Phenocrysts, weak Cb; 2% v. fine Di Py; 25cm band QGPH-QZIT with a few <1cm LA w/ weak-strong Py.		Qz	Mu	Cb	Py										404.47	407.52	3.05	3.05	100	2.14	70	FR	W	5	70	4	5	Gr
																								407.52	410.57	3.05	3.05	100	2.35	77	FR	W	6	75	4	5	Gr
FO	55	411.80	419.05	7.25	QGPH	DMph	LA		DK GY, LA, v. weak Gr as weak partings, FO generally highly folded; below 414 8-25% bands <30cm wide of QMPH. QGPH looks more like atypical QZIT or Gr QZIT.		Qz	Gr	Mu											410.57	413.61	3.04	2.00	66	2.34	77	FR	W	2	9	4	5	Gr
																								413.61	416.66	3.05	2.05	67	2.00	66	FR	W	2	80	4	4	Gr
																								416.66	419.71	3.05	2.16	71	1.43	47	FR	W	6	70	4	4	Gr
FO	68	419.05	424.33	5.28	QMPH	DMv			421.85-422.76 FLT zone w/ approx. 30% recovery. Broken and gougy rock; 419.05-420.45 85% to 35cm wide WH Qz bands; below 423.67 5-7cm bands of QGPH; QMPH-MD GN, rare blue Qz phenocrysts, 3% v. fine Di Py, minor Cb.		Qz	Mu								419.71	421.54	1.83	1.83	100	0.28	15	FR	W	17	80	4	5	Gr
																								421.54	422.76	1.22	0.78	64	0.19	16	FR	W	>20	70	4	5	Gr
																								422.76	423.67	0.91	0.91	100	0.27	30	FR	W	7	80	4	5	Gr
FO	60	424.33	430.40	6.07	QGPH	DMph			429.45-430.40 DIOR? LT GN FG strongly altered; below 428.8m 1-2cm bands QMPH; QGPH BK, strong Qz, FO, often contorted, higher Qz than normal		Qz	Gr												423.67	425.81	2.14	2.06	96	1.32	62	FR	W	4	45	4	4	Gr
																								425.81	428.85	3.04	3.01	99	2.13	70	FR	W	4	85	4	4	Gr
																								428.85	431.60	2.75	2.75	100	1.84	67	FR	W	11	80	4	4	Gr
FO	60	430.40	450.12	19.72	QGPH	DMph	LA		QGPH - typical, +/- 50% Gr, Py Di ~3%, BK colour; 443.65 - 25cm band of QMPH.		Gr	Qz	Cb	Py										431.60	432.82	1.22	1.22	100	0.16	13	FR	W	9	85	4	4	Gr
																								432.82	434.95	2.13	2.09	98	1.36	64	FR	W	5	70	4	4	Gr
																								434.95	438.00	3.05	3.05	100	2.30	75	FR	W	5	85	4	4	Gr
																								438.00	441.05	3.05	3.05	100	2.48	81	FR	W	7	83	4	4	Gr
																								441.05	444.09	3.04	3.04	100	2.84	97	FR	W	8	70	4	4	Gr
																								444.09	447.14	3.05	3.02	99	2.03	67	FR	W	>20	85	4	4	Gr
																								447.14	448.97	1.83	1.83	100	0.53	0.5	FR	W	>20	76	4	4	Gr
																								448.97	450.20	1.23	1.23	100	0.46	37	FR	W	>20	90	4	4	Gr
		450.12	454.57	4.45	FLT				FLT - 45% recovery; 450.12-451.47 strong BX and GO QGPH; 451.47-454.57 strongly fra slickensides on FO and FX. FLT in QGPH.															450.20	451.41	1.21	0.56	46	0.00	0	FR	VW	>20	80	4	5	Gr
																								451.41	453.24	1.83	0.62	34	0.00	0	FR	VW	>20	85	4	4	Gr
																								453.24	454.57	1.33	0.95	71	0.00	0	FR	VW	>20	-	4	4	Gr

PROPERTY: MARG **HOLE:** DDH-07-100

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.	MINERALS			SAMPLES From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	Blocks From (m)	To (m)	Intvl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weathering	Hardness	JOINTS Frequency	Attitude	Shape	Roughness	Infilling
		454.57	457.62	3.05	QGPH	DMph	FX		BK, FX, strong Gr; 20cm band tuff - Ca QMPH.		Gr	Qz											454.57	455.07	0.50	0.31	62	0.00	0	FR	VW	>20	-	4	4	Gr
																							455.07	456.29	1.22	0.47	39	0.00	0	FR	VW	>20	-	4	4	Gr
																							456.29	457.50	1.21	0.20	17	0.00	0	FR	VW	>20	65	4	4	Gr
FO	75	457.62	467.78	10.16	QMPH	DMv			+/-40% Qz, Qz phenocrysts, weak Cb, GO and FO at top near FLT; 2-3% v. fine Dy Py; fair-strong clay (?) along FO and some FX to 463.53 where becomes competent; Cb-moderate, rare LA <1mm w/ strong FG Py.		Mu	Qz	Cb									457.50	458.42	0.92	0.44	48	0.00	0	FR	VW	>20	87	4	4	Gr
																							458.42	459.03	0.61	0.45	74	0.00	0	FR	VW	>20	85	4	4	Gr
																							459.03	459.94	0.91	0.86	95	0.00	0	FR	VW	>20	82	4	4	Gr
																							459.94	462.08	2.14	2.14	100	0.11	5.1	FR	W	>20	85	4	1	Gr
																							462.08	463.60	1.52	1.52	100	0.00	0	FR	VW	>20	83	4	4	Gr
																							463.60	466.65	3.05	3.05	100	1.09	36	FR	W	12	65	4	4	Gr
FO	65	467.78	483.11	15.33	QGPH	DMph			PH-core broken along FO (occ. Polished) and lessor xcutting FO FX 5mm-30mm. Increasing amount of broken core towards FLT at 474.57m; 474.57-479.45 fair broken core - polished FO and FX common; 479.45 - 483.05 - normal, non-FX.		Gr	Qz										466.65	468.48	1.83	1.83	100	0.63	34	FR	W	>20	75	4	4	Gr
																							468.48	470.61	2.13	2.10	99	0.00	0	FR	W	>20	80	4	4	Gr
																							470.61	472.44	1.83	1.83	100	0.00	0	FR	VW	>20	78	4	4	Gr
																							472.44	473.66	1.22	1.22	100	0.00	0	FR	VW	>20	82	4	4	Gr
																							473.66	474.57	0.91	0.91	100	0.00	0	FR	VW	>20	-	4	4	Gr
																							474.57	475.49	0.92	0.89	97	0.00	0	FR	VW	>20	80	4	4	Gr
																							475.49	476.70	1.21	0.91	75	0.00	0	FR	VW	>20	75	4	4	Gr
																							476.70	477.62	0.92	0.89	97	0.00	0	FR	W	>20	65	4	4	Gr
																							477.62	478.84	1.22	1.22	100	0.00	0	FR	W	>20	70	4	3	Gr
																							478.84	479.45	0.61	0.59	97	0.00	0	FR	W	8	65	4	4	Gr
																							479.45	480.67	1.22	1.22	100	0.31	25	FR	W	5	72	4	4	Gr
																							480.67	482.50	1.83	1.78	97	0.54	30	FR	W	8	80	4	4	Gr
																							482.50	483.11	0.61	0.58	95	0.00	0	FR	W	12	-	4	4	Gr
		483.11	486.46	3.35	FLT		FX		moderate to highly broken rock. Strong FX and SH, poloished FO and FX fairly common; at 484.0 - 12cm QMPH - BX clasts in FLT? QGPH		Gr	Qz										483.11	484.02	0.91	1.01	111	0.00	0	FR	VW	>20	-	4	4	Gr
																							484.02	484.94	0.92	0.92	100	0.00	0	FR	VW	>20	-	4	4	Gr
																							484.94	485.70	0.76	0.74	97	0.00	0	FR	VW	>20	-	4	4	Gr
																							485.70	486.46	0.76	0.72	95	0.00	0	FR	VW	>20	-	4	4	Gr
FO	45	486.46	493.47	7.01	QGPH	DMph			typical MD ps; up to 30% to 1cm WH Qz sweats; 2-3% fine Di Py. Cb Di and weak. 492.86 - 30cm folia band LT GY, more of a QZIT. EOH 493.47m		Gr	Qz	Cb									486.46	487.38	0.92	0.91	99	0.15	16	FR	W	>20	15	4	4	Gr

PROJECT - MARG

PROPERTY: MARG

HOLE: DDH-07-101

Easting	Northing	Elev.	Depth (m)
525201.601	7097919.660	1478.601	459.94

Contractor: Caron Diamond Drilling Ltd.
Drill: Longyear D-38

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	5	-80	Brunton	243.8	-	-64.3	Acid
60.35	-	-74.15	Acid	368.5	-	-64.3	Acid
121.92	-	-69.5	Acid	428.85	-	-63.5	Acid
181.97	-	-65.45	Acid				

Core size: HQ/NQ
Cassing depth: 7.32 (m) in/**out**

Drilling dates: August 11 - 27, 2007

Logged by: M. Phillips and B. Gelber

Target: Massive sulphide lenses D1-A1.

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments
338.83	339.13			SUMS. MA Py w/ 3-5% Cp.
339.13	339.30			SUSM. SM Py w/ up to 3% Cp.
415.30	415.67			SUSM within QGPH
426.13	426.53			Bands of SUSM
437.85	439.98			SUSM. 5 Sx bands averaging 3-10cm wide

SAMPLES	
Numbers:	C487544 - C487559
Total:	16
Date sent:	August 30, 2007

COMMENTS

PROPERTY: MARG **HOLE:** DDH-07-101

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	LITHOLOGY To (m)	LITHOLOGY Interval (m)	LITHOLOGY Type	LITHOLOGY Unit	LITHOLOGY Texture	LITHOLOGY Modifier	Notes:	ALT.			MINERALS				SAMPLES From (m)	SAMPLES To (m)	SAMPLES Interval (m)	SAMPLES Sample	SAMPLES Cu (%)	SAMPLES Zn (%)	SAMPLES Pb(%)	SAMPLES Ag (%)	SAMPLES Au (%)	Blocks From (m)	Blocks To (m)	Blocks Intvl. (m)	GEOTECHNICAL REC (m)	GEOTECHNICAL REC Percent	GEOTECHNICAL RQD (m)	GEOTECHNICAL RQD Percent	GEOTECHNICAL Weathering	GEOTECHNICAL Hardnes	JOINTS Frequency	JOINTS Attitude	JOINTS Shape	JOINTS Roughness	JOINTS Infilling
FO	50	68.75	84.25	15.50	QZIT	Mq			MD-DK GY; rare partings of Gr on FO; 69.75 - 5cm GO w/ fine rock clasts - FLT core mod broken above FLT due to FX xcutting FO; below FLT core weak, broken, FX in places and shows weathering.				Gr	Qz	Cb												69.80	71.93	2.13	2.13	100	0.00	0	FR	W	20	60	4	5	N/I
									Below 74.35 - Increase FX and strongly broken core; 78.85 - 10cm intense FX - FLT; 80.40 - FLT - 5cm. Fine fragments of rock and GO; below 81.15 decrease in FX and core only weak - fairly broken.																	71.93	73.46	1.53	1.53	100	0.00	0	FR	W	20	45	4	4	N/I
																										73.46	74.98	1.52	1.52	100	0.00	0	FR	W	20	35	4	3	N/I
																										74.98	76.80	1.82	1.82	100	0.00	0	FR	W	20	n/a	4	4	N/I
																										76.80	78.33	1.53	1.53	100	0.00	0	FR	W	20	n/a	3	4	N/I
																										78.33	78.94	0.61	0.61	100	0.00	0	FR	W	20	n/a	3	4	N/I
																										78.94	80.47	1.53	1.53	100	0.00	0	FR	W	20	n/a	4	4	N/I
																										80.47	81.08	0.61	0.61	100	0.00	0	FR	W	20	n/a	4	4	N/I
																										81.08	82.60	1.52	1.52	100	0.00	0	FR	W	20	n/a	4	4	N/I
																										82.60	84.12	1.52	1.52	100	0.00	0	FR	W	20	n/a	4	4	N/I
																										84.12	84.43	0.31	0.31	100	0.00	0	FR	W	20	n/a	4	5	N/I
FO	40	84.25	117.45	33.20	QGPH				BK, Gr strong, Py DI 1-3%, fine to med grained; 87.0-87.15 QMPH - LT GN, Mu strong, Cb low, Tuf.																	84.43	86.56	2.13	2.13	100	0.66	31	FR	W	10	45	4	5	N/I
FO	25								87.15-90.75 - MD GY QZIT, FO strong; Qz>Gr, looks more like transitional QGPH than typical QZIT.																	86.56	88.09	1.53	1.53	100	0.61	40	FR	W	3	38	4	5	N/I
																										88.09	89.61	1.52	1.52	100	0.10	7	FR	W	8	40	4	5	N/I
																										89.61	91.14	1.53	1.53	100	0.20	13	FR	W	6	75	4	5	N/I
FO	45								90.75-91.30 - Qz w/ <5% lenses Gr																	91.14	92.05	0.91	0.91	100	0.00	0	FR	W	12	45	4	5	N/I
																										92.05	93.57	1.52	1.52	100	0.47	31	FR	W	9	75	4	5	N/I
																										93.57	95.10	1.53	1.53	100	0.53	35	FR	W	8	85	4	5	N/I
																										95.10	96.62	1.52	1.52	100	0.47	31	FR	W	5	45	4	3	N/I
FO	10								96.15-97.75 - FX zone - fair FX, xcut FO towards bottom slickensides on FX and FO often gougy;																	96.62	98.15	1.53	1.53	100	0.00	0	FR	W	20	30	4	5	N/I
FO	10								97.75-98.15 - FLT, FO 0 deg and often gougy-drag on FLT.																	98.15	99.52	1.37	1.37	100	0.00	0	FR	W	20	35	4	5	N/I
									98.15-100.20 - weak FR, FO 10-15 deg. With rare slickensides.																	99.52	101.80	2.28	2.28	100	0.47	21	FR	W	20	70	4	5	N/I
																										101.80	103.33	1.53	1.53	100	0.44	29	FR	W	7	60	4	5	N/I
																										103.33	104.85	1.52	1.02	67	0.42	28	FR	W	6	58	4	5	N/I
FO	25								104.20-107.67 - LT GY QZIT, LA, thinbedded with 10 % QGPH, weak Cb																	104.85	106.38	1.53	1.53	100	0.61	40	FR	W	6	45	4	5	N/I
																										106.38	107.90	1.52	1.52	100	0.69	45	FR	W	8	80	4	5	N/I
FO	45								109.42-110.40 - QMPH ~75% MD-DK GN; strong Mu and Ca-Cb, weak Py to crystalline coarse grained.																	107.90	109.42	1.52	1.52	100	0.32	21	FR	W	12	60	4	5	N/I
																										109.42	110.95	1.53	1.53	100	0.51	33	FR	W	11	58	4	3	N/I
																										110.95	112.47	1.52	1.52	100	0.10	7	FR	W	20	50	4	4	N/I
																										112.47	113.39	0.92	0.86	93	0.00	0	FR	VW	14	80	4	4	N/I
									114.0-114.70 - QMPH - 90% Qz hight; Mu weak, Cb fair, Py weak.																	113.39	115.52	2.13	2.13	100	0.64	30	FR	W	3	60	4	4	N/I
																										115.52	116.73	1.21	1.21	100	0.38	31	FR	W	13	25	4	4	N/I
																										116.73	118.26	1.53	1.50	98	0.15	10	FR	W	20	22	4	4	N/I
HW	40	117.45	119.00	1.55	FLT		BX	GO	Hanging wall FLT(?) - contact parallel FO, 20cm bands at top and bottom contacts - breccia and strong GO between FLTs. Strong broken core with GO often on FO in QGPH unit																	118.26	119.18	0.92	0.48	52	0.00	0	FR	EW	20	40	4	4	N/I
FxX		199.00	120.10	-78.90	QGPH	DMph		FX	as prev. 3% DI FG Py, moderate FX, FO contorted; looks more like Mu QZIT.				Gr	Qz												119.18	119.94	0.76	0.70	92	0.00	0	FR	EW	20	60	4	4	N/I
FO	20	120.10	121.90	1.80	QMPH	DMv			LY GY, strong Qz, weak pale and dark green Mu LA, strong Cb; ~30% WH Qz sweats				Cb													119.94	121.62	1.68	1.68	100	0.00	0	FR	EW	8	30	2	4	N/I
HW	40	121.90	122.25	0.35	FLT		BX	GO	HW FLT zone. Appears parallel to FO, <1cm clasts in GO matrix, QGPH unit.																	121.62	123.14	1.52	1.50	99	0.22	14	FR	W	20	65	4	4	N/I

PROPERTY: MARG **HOLE:** DDH-07-101

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.	MINERALS	SAMPLES From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	Blocks From (m)	To (m)	Interval (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weathering	Hardness	JOINTS Frequency	Attitude	Shape	Roughness	Infilling
									283.73-283.86 - 40deg FLT BX; Qz and QGPH in GO, weak FLT												282.24	284.23	1.99	1.05	53	1.50	75	FR	W	3	40	3	2	Gr
									284.23 - 30 deg FLT - 1cm BX and GO at WH Qz contact.												284.23	286.51	2.28	2.20	96	1.88	82	FR	W	4	65	3	2	Gr
FO	50	285.00							286.0 - FLT and SH QGPH, 7cm												286.51	288.04	1.53	1.35	88	0.46	30	FR	W	8	60	3	2	Gr
FO	45	288.00																			288.04	289.10	1.06	0.98	92	0.12	11	FR	W	8	60	3	2	Gr
									289.95-291.30 - QMPH, MD GN, weak Mu, patchy Cb-Ca, odd ball tuff.												289.10	291.69	2.59	2.50	97	1.67	64	FR	W	4	70	3	2	Gr
									291.69-292.15 - FLT - 30% recovery, BX and GO												291.69	292.30	0.61	0.30	49	0.00	0	FR	W	N/A	0	0	2	Gr
		292.15	296.53	4.38	DIOR	Tg			LT-DK GN, FO, altered, Ca moderate to above average.												292.30	293.22	0.92	0.85	92	0.74	80	FR	W	N/A	25	4	2	Gr
																					293.22	293.83	0.61	0.40	66	0.00	0	FR	W	N/A	30	0	2	Gr
																					293.83	294.74	0.91	0.83	91	0.61	67	FR	W	N/A	30	4	2	Gr
																					294.74	296.11	1.37	1.37	100	1.31	96	FR	W	3	30	3	2	Gr
FO	50	296.53	334.00	37.47	QGPH	DMph			296.53-300.50 - ~3% 1cm and 7cm bands of QMPH, strong Mu, weak Qz and Ca.		Qz Gr Py										296.11	297.79	1.68	1.55	92	1.26	75	FR	W	3	70	4	2	Gr
																					297.79	299.62	1.83	1.49	81	0.97	53	FR	W	5	55	3	2	Gr
																					299.62	300.83	1.21	1.21	100	1.30	107	FR	W	3	60	3	2	Gr
FO	45	300.00							300.50-301.95 - ~50% QMPH, bands ~10cm, Mu and variable Cb.												300.83	302.67	1.84	1.39	76	1.00	54	FR	W	N/A	40	3	2	Gr
									301.95-302.67 - FLT - 50% recovery, highly FX, weak GO												302.67	303.89	1.22	0.67	55	0.36	30	FR	W	N/A	45	3	2	Gr
FO	45	304.00							303.20-303.89 - FLT - 50% recovery, BX and strong GO												303.89	306.93	3.04	2.85	94	1.40	46	FR	W	6	30	3	2	Gr
									305.87-306.4 - 90% QMPH, Ca patchy and weak to strong, Mu fair; trace Py.												306.93	308.15	1.22	1.02	84	0.70	57	FR	W	5	35	4	2	Gr
FO	55	308.00							308.47 - 7cm QMPH, no Ca or Cb												308.15	310.74	2.59	2.50	97	1.46	56	FR	W	5	50	4	2	Gr
																					310.74	313.64	2.90	2.90	100	2.65	91	FR	W	N/A	50	3	2	Gr
FO	45	312.00							312.64 - 12cm QMPH, Ca strong and Mu weak.												313.64	315.77	2.13	2.10	99	0.15	7	FR	W	11	55	3	2	Gr
FO	60	316.00							314.64-314.35 - QMPH, LT GN, weak to fair Ca and Cb.												315.77	317.30	1.53	1.25	82	0.13	8	FR	W	17	55	2	3	Gr
																					317.30	321.56	4.26	4.26	100	1.30	31	FR	W	8	55	2	3	Gr
																					321.56	322.17	0.61	0.61	100	0.33	54	FR	W	6	60	3	3	Gr
									322.73-323.9 - LT GN LA, 30% bands of QMPH 1-5cm wide, Ca and Cb fair, trace Py.												322.17	325.22	3.05	3.05	100	2.15	70	FR	W	3	40	3	3	Gr
									325.70 - 8cm band QMPH - weak Qz and Cb												325.22	326.90	1.68	1.60	95	0.95	57	FR	W	6	60	2	3	Gr
																					326.90	329.79	2.89	2.88	100	1.47	51	FR	W	5	50	3	2	Gr
FO	55								330.36-330.75 - FLT - 50% recovery, BX and strong GO.												329.79	331.16	1.37	1.37	100	0.56	41	FR	W	9	65	3	3	Gr
																					331.16	332.54	1.38	1.28	91	0.72	52	FR	W	6	60	4	3	Gr
									332.82-333.62 - QMPH, LT GN LA, weak Qz, Ca and Cb fair to moderate, trace Py												332.54	334.37	1.83	1.60	87	1.20	66	FR	W	8	65	3	2	Gr
FO	60	334.00	338.83	4.83	QMPH	DMv			LT GY-GN; moderate to strong Qz, weak Mu and weak to fair Ca and Cb, Di fine Py 1%.												334.37	335.58	1.21	1.03	85	0.00	0	FR	W	6	70	2	2	Gr
									336.89-337.50 - QGPH; 5% FG Di Py.												335.58	336.80	1.22	0.80	66	0.00	0	FR	W	10	70	5	5	Gr
												337.20	338.70	1.50	C487544	<0.01	0.02	<0.01	0.18	0.02	336.80	338.02	1.22	1.10	90	0.95	78	FR	W	6	70	4	4	Gr
HW	55	338.83	339.13	0.30	SUMS				MA Py; Cp strong in bottom 7cm ~3-5%, trace Gn and Sp.			338.70	339.35	0.65	C487545	2.97	5.69	1.71	44.2	0.39	338.02	338.63	0.61	0.60	98	0.00	0	FR	W	FLT	0	0	0	Gr
		339.13	339.30	0.17	SUSM				below upper contact for 5cm decreasing 40 deg to 5%, below up to 5cm semi MA (40%) Py cut by Qz w/ strong coarse Cb; patchy Cp ~3%.			BLANK			C487546	<0.01	<0.01	<0.01	0.06	0.005	338.63	341.68	3.05	3.05	100	2.90	95	FR	W	1	60	4	3	Mu
		339.30	414.70	75.40	QMPH	DMv			LT GN-GY, Qz strong, rare blue Qz Phenocrysts; LA to very thin banded, Cb weak, Py Di and up to 10% near hanging wall decreasing to ~1% Di FG Py.			STANDARD			C487547	1.52	3.00	0.26	73	0.78	341.68	344.73	3.05	3.05	100	2.55	84	FR	W	2	45	4	3	Mu
FO	70											339.35	340.85	1.50	C487548	0.03	0.07	0.03	0.84	0.01	344.73	346.56	1.83	1.75	96	1.30	71	FR	W	2	45	4	3	Mu
																					346.56	350.22	3.66	3.40	93	2.59	71	FR	W	5	65	3	2	Mu
																					350.22	352.65	2.43	2.25	93	1.92	79	FR	W	3	40	4	3	Mu

PROPERTY: MARG **HOLE:** DDH-07-101

Struct.		LITHOLOGY								ALT.			MINERALS				SAMPLES									Blocks			GEOTECHNICAL							JOINTS				
																													REC		RQD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:								From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
FO	65																									352.65	354.18	1.53	1.44	94	1.14	75	FR	W	6	70	2	2	Mu
																										354.18	356.62	2.44	2.33	95	1.69	69	FR	W	3	50	2	2	Mu
																										356.62	357.99	1.37	1.37	100	1.00	73	FR	W	5	55	3	2	Mu
																										357.99	361.04	3.05	3.05	100	2.70	89	FR	W	3	40	4	3	Mu
FO	45																									361.04	363.63	2.59	2.41	93	1.58	61	FR	W	2	45	4	3	Mu
FO	70																									363.63	366.67	3.04	3.04	100	2.07	68	FR	W	2	45	2	2	Mu
																										366.67	367.89	1.22	1.20	98	0.50	41	FR	W	8	45	3	2	Mu
																										367.89	369.42	1.53	1.22	80	0.78	51	FR	W	4	65	3	2	Mu
																										369.42	369.72	0.30	0.28	93	0.00	0	FR	W	12	50	3	2	Mu
																										369.72	371.55	1.83	1.70	93	0.70	38	FR	W	7	75	4	3	Mu
									~371m - Mu >Qz downhole; Py 1-2 % very fine assoc. w/ Mu.																371.55	372.47	0.92	0.85	92	0.72	78	FR	W	5	75	4	3	Mu
FO	60								372m downhole fair increase of Mu in LA and occ. Thin bands to 1.0cm. Overall Qz>Mu, Mu stronger in 0.5-1.0m bands.																372.47	375.51	3.04	3.04	100	2.08	68	FR	W	6	45	4	3	Mu
																										375.51	377.65	2.14	1.83	86	1.02	48	FR	W	6	55	4	3	Mu
																										377.65	379.78	2.13	2.20	103	0.95	45	FR	W	6	55	3	3	Mu
																										379.78	382.83	3.05	3.05	100	2.28	75	FR	W	6	45	2	2	Mu
																										382.83	385.88	3.05	3.05	100	1.14	37	FR	W	6	60	3	3	Mu
FO	60																									385.88	388.92	3.04	3.05	100	2.87	94	FR	W	5	55	3	3	Mu
																										388.92	389.84	0.92	0.86	93	0.71	77	FR	W	6	55	4	4	Mu
																										389.84	392.89	3.05	3.05	100	1.85	61	FR	W	5	55	3	3	Mu
FO	45								390.40-397.10 - overall above averageto strong Mu in ~30 cm bands																392.89	393.80	0.91	0.70	77	0.00	0	FR	W	6	60	4	3	Mu
																										393.80	395.94	2.14	2.10	98	1.70	79	FR	W	7	40	3	3	Mu
																										395.94	398.37	2.43	2.40	99	1.44	59	FR	W	7	45	3	3	Mu
									398.15-400.20 - FLT - and broken zone. Bx and strong GO common with lost recovery.																398.37	400.20	1.83	1.20	66	0.00	0	FR	W	15	55	2	2	Mu
FO	45																									400.20	402.03	1.83	1.77	97	0.65	36	FR	W	5	50	3	3	Mu
																										402.03	404.47	2.44	2.27	93	1.87	77	FR	W	3	60	3	3	Mu
FO	60																									404.47	407.53	3.06	3.03	99	2.90	95	FR	W	3	60	3	3	Mu
																										407.53	410.57	3.04	3.05	100	2.80	92	FR	W	1	60	3	2	Mu
																										410.57	413.61	3.04	3.04	100	3.05	100	FR	W	1	50	3	2	Mu
FO	55	414.70	418.82	4.12	QGPH	DMph			BK QGPH, ~20% 3-30cm bands of QMPH occ. And minor Gr. 2% very fine to MG Py.								413.70	415.20	1.50	C487549	0.06	0.37	0.21	4.26	0.02	413.61	418.66	3.05	3.05	100	2.96	97	FR	W	3	60	3	4	Mu/Gr
FO	65								SUSM 415.30-415.67 - ~15% 5 to 10mm bands w/ 10% to 40% Py in QGPH, weak Cp, trace Gn.								415.20	415.80	0.60	C487550	0.50	1.41	0.63	14.9	0.08	418.66	418.71	3.05	3.00	98	2.98	97	FR	W	2	60	3	4	Mu/Gr
																	415.80	417.30	1.50	C487551	0.03	0.12	0.04	1.83	0.21	418.71	422.76	3.05	3.05	100	2.91	95	FR	W	2	45	3	2	Mu/Gr
		418.82	437.85	19.03	QMPH	DMv			DK-MD GN QMPH; to 424.81 moderate to strong Mu, Py DI and FG ~1%, Cb weak.								424.55	426.05	1.50	C487552	0.04	0.20	0.05	1.25	0.01	422.76	425.81	3.05	3.05	100	2.84	93	FR	W	1	55	2	2	Mu/Gr
FO	40								Below 424.8 decreasing Mu.								426.05	426.65	0.60	C487553	0.16	0.99	0.38	8.46	0.04	425.81	428.85	3.04	3.05	100	2.92	96	FR	W	3	70	4	3	Mu
FO	70								426.13 - SUSM - 3cm band of Py (40%) and Cp (1%). 426.44 - 7cm band of 10% Py. 426.53 - 15cm band 30-40% Py and 1-2% Cp.								426.65	428.15	1.50	C487554	<0.01	0.02	<0.01	0.19	0.03	428.85	430.99	2.14	1.94	91	1.33	62	FR	W	5	70	4	3	Mu/Gr
									430.15-435.65 - FLT - upper section of GO and FX common, occ to 2cm.								436.30	437.80	1.50	C487555	<0.01	0.04	0.02	0.39	0.03	430.99	432.82	1.83	1.75	96	0.62	34	FR	W	8	55	3	3	Mu
																	437.80	439.05	1.25	C487556	1.13	3.86	1.64	54.2	0.31	432.82	434.04	1.22	1.04	85	0.37	30	FR	W	8	55	4	3	Mu
																	BLANK			C487557	<0.01	<0.01	<0.01	0.08	0.005	434.04	436.78	2.74	1.80	66	0.46	17	FR	W	10	50	4	3	Mu
FO	55	437.85	438.98	1.13	SUSM				SUSM - 5 Sx bands 2-8cm averaging 3 cm wide at top and one on bottom contact; Py 10-60% in Sx bands, occ. Weak Cp and trace Sp and Gn;								STANDARD			C487558	1.48	2.97	0.31	63.4	1.04	436.78	439.82	3.04	3.04	100	1.90	62	FR	W	4	75	2	2	Mu
									below 438.47 - 22cm MS band Py 70%, strong Cp ~5%, weak Gn and Sp. 5 Sx bands = 20% and MA band = 20%.								439.05	440.55	1.50	C487559	0.12	0.24	0.11	5.3	0.05	439.82	442.87	3.05	3.05	100	2.12	70	FR	W	3	70	4	3	Mu
FO	65	438.98	447.80	8.82	QMPH	DMv			QMPH; Qz strong, Mu fair to moderate, Py <0.5%, Cb weak. 6cm band of 10-20% Py at 439.77m. 440.60-441.70 - 5 to 30cm bands of QGPH 60% interbedded with QMPH.																		442.87	445.92	3.05	3.05	100	2.44	80	FR	W	5	70	4	3	Mu

PROPERTY: MARG **HOLE:** DDH-07-101

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	LITHOLOGY To (m)	LITHOLOGY Interval (m)	LITHOLOGY Type	LITHOLOGY Unit	LITHOLOGY Texture	LITHOLOGY Modifier	Notes:	ALT.			MINERALS				SAMPLES From (m)	SAMPLES To (m)	SAMPLES Interval (m)	SAMPLES Sample	SAMPLES Cu (%)	SAMPLES Zn (%)	SAMPLES Pb(%)	SAMPLES Ag (%)	SAMPLES Au (%)	Blocks From (m)	Blocks To (m)	Blocks Incrl. (m)	GEOTECHNICAL REC (m)	GEOTECHNICAL REC Percent	GEOTECHNICAL RQD (m)	GEOTECHNICAL RQD Percent	GEOTECHNICAL Weatherin	GEOTECHNICAL Hardnes	JOINTS Frequency	JOINTS Attitude	JOINTS Shape	JOINTS Roughnes	JOINTS Infilling
FO	65								445.07-447.80 - fair partings to 10% MG Py.																	445.92	447.75	1.83	1.82	99	1.82	99	FR	W	2	70	5	4	Mu
FO	55	447.80	459.94	12.14	QGPH	DMph			BK QGPH; Qz strong, Gr strong, Py fine occ. Coarse crystalline 1-3%. FLT at bottom w/ 5cm of BX and GO and FX rock.																	447.75	450.79	3.04	3.05	100	2.92	96	FR	W	2	70	4	4	Mu
																										450.79	452.48	1.69	1.66	98	1.66	98	FR	W	2	15	4	4	Mu/Gr
																										452.48	454.00	1.52	1.20	79	0.80	53	FR	W	8	15	4	3	Mu
																										454.00	454.76	0.76	0.57	75	0.21	28	FR	W	10	80	5	3	Mu/Gr
																										454.76	455.37	0.61	0.50	82	0.10	16	FR	W	10	0	5	4	Mu/Gr
																										455.37	457.20	1.83	1.67	91	1.24	68	FR	W	4	30	4	3	Mu
																										457.20	458.42	1.22	1.20	98	0.80	66	FR	W	3	15	4	3	Mu
																										458.42	459.94	1.52	1.50	99	1.00	66	FR	W	4	70	4	3	Mu/Gr
																										459.94	EOH												

PROJECT - MARG

PROPERTY: MARG

HOLE: DDH-07-102

Easting	Northing	Elev.	Depth (m)
525088.363	7098043.012	1472.559	291.69

Contractor: Caron Diamond Drilling Ltd.
Drill: Longyear D-38

Core size: HQ/NQ
Cassing depth: 5.49 (m) in/**out**

Drilling dates: August 28 - September 14, 2007

Logged by: M. Phillips and B. Gelber

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	5	-80	Brunton	244.45	-	-72	Acid
64.62	-	-74.5	Acid	291.08	-	-71	Acid
122.53	-	-74	Acid				
181.96	-	-74	Acid				

Target: Massive sulphide lenses D1-A1.

SUMMARY

From (m)	To (m)	Interval	Unit	Coments

SAMPLES

Numbers:

Total:
Date sent:

COMMENTS

Did not intersect D Horizon.

PROPERTY: MARG **HOLE:** DDH-07-102

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.	MINERALS	SAMPLES From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	Blocks From (m)	To (m)	Intvl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weathering	Hardness	JOINTS Frequency	Attitude	Shape	Roughness	Infilling
		0.00	7.16		OVB																0.00	7.16	7.16	0.20	3	CASN							
FO	20	7.16	13.23		QZIT	Mq			LT GY, fair partings to 2 cm bands of QMPH; occ LT BN weathering to 10cm bands. QMPH variable with nil to strong Ca and Cb.												7.16	10.36	3.20	2.20	69	0.87	27	4	2	13	50	2	2	Gr Cy
																					10.36	11.43	1.07	0.80	75	0.52	49	4	2	8	10	2	2	Gr Cy
																					11.43	12.95	1.52	1.52	100	0.45	30	4	2	10	30	2	3	Gr Cy
																					12.95	13.87	0.92	0.80	87	0.25	27	4	2	5	30	3	3	Gr Cy
FO	20	13.23	17.37		QGPH	DMph			BK; fair to moderate <3cm bands DK GY QZIT bands; minor LT GN QMPH w/ strong Mu; increasing DK GY Gr QZIT to lower contact; from 15.85-17.0 - highly FX w/ GO partings, possible FLT zone.												13.87	15.85	1.98	1.98	100	0.21	11	4	2	8	15	3	3	Gr Cy
																					15.85	17.37	1.52	0.90	59	0.27	18	4	2	13	30	3	2	Gr Cy
FO	15	17.37	21.45		QZIT	Mq			LT-MD GY; up to 7cm QGPH bands												17.37	18.90	1.53	1.40	92	0.26	17	4	2	9	15	2	2	Gr Cy
									20.42-21.45 - strong vuggy WH Qz.												18.90	20.42	1.52	1.40	92	0.44	29	4	2	6	10	4	4	Gr Cy
																					20.42	21.95	1.53	0.90	59	0.51	33	4	2	10	30	4	4	Cy
FO	30	21.45	34.60		DIOR	Tg			OR BN weathered occ. Moderately strong Ca. highly broken core.												21.95	23.47	1.52	1.52	100	0.84	55	4	2	10	20	4	4	Cy
																					23.47	24.38	0.91	0.91	100	0.35	38	4	2	12	35	4	4	Cy
																					24.38	25.30	0.92	0.70	76	0.27	29	4	2	8	35	4	4	Cy
																					25.30	28.05	2.75	1.15	42	0.00	0	4	2	20	25	4	4	Cy
																					28.05	29.57	1.52	1.42	93	0.37	24	4	2	12	45	4	4	Cy
																					29.57	31.09	1.52	0.70	46	0.00	0	4	2	12	45	4	3	Cy
																					31.09	32.31	1.22	0.68	56	0.12	10	4	2	15	20	5	4	Cy
																					32.31	34.14	1.83	0.54	30	0.11	6	4	2	20	50	5	4	Cy
FO	60	34.60	40.70		QMPH	DMv			LT-DK, atypical, narrow bands of LT GY and BK QZIT as well as QGPH increasing to bottom contact.												34.14	35.20	1.06	0.87	82	0.22	21	4	2	10	45	3	2	Gr Cy
									35.97-36.20 - FLT - BX and Go; Cb strong in QMPH.												35.20	35.97	0.77	0.36	47	0.10	13	4	2	20	45	3	4	Gr Cy
																					35.97	37.19	1.22	0.70	57	0.00	0	4	2	9	45	4	3	Gr
																					37.19	38.56	1.37	0.75	55	0.33	24	4	2	9	45	4	3	Gr
																					38.56	39.62	1.06	0.40	38	0.14	13	4	2	10	45	4	3	Gr
																					39.62	40.23	0.61	0.50	82	0.36	59	4	2	12	40	4	3	Gr
FO	35	40.70	123.60		QGPH	DMph			BK, typical, Py 1-2% FG and some MG; Cb occ in Qz rich phases of QGPH.												40.23	42.37	2.14	0.75	35	0.23	11	4	2	>20	35	4	4	Gr
									41.0 - FLT - 8cm BX and GO												42.37	43.89	1.52	0.65	43	0.10	7	4	2	>20	45	3	3	Gr
																					43.89	44.65	0.76	0.45	59	0.00	0	4	2	>20	30	4	4	Gr
																					44.65	45.72	1.07	0.55	51	0.00	0	4	2	>20	54	5	4	Gr
FO	60								45.84-46.27 - QMPH; strong Qz and Cb												45.72	46.63	0.91	0.91	100	0.00	0	4	2	19	49	3	4	NI/Gr
																					46.63	47.85	1.22	1.10	90	0.10	8	4	2	15	56	3	4	Gr
									47.68-48.20 - ~40% bands 7 and 10 cm LT GY QZIT.												47.85	49.38	1.53	1.53	100	0.29	19	4	2	>20	48	3	4	Gr
FO	55								48.65 - FLT - 10cm FO, GO, QGPH												49.38	50.90	1.52	1.15	76	0.00	0	4	2	>20	57	3	3	Gr
									50.80 - FLT - 5cm FO, GO and BX												50.90	51.82	0.92	0.70	76	0.00	0	4	2	>20	70	3	3	Gr
									52.00-56.00 - increase in Py 2-3% as fine and medium grained.												51.82	53.04	1.22	0.78	62	0.14	11	4	2	>20	54	2	3	Gr
																					53.04	54.56	1.52	1.50	99	0.62	41	4	2	10	35	2	3	Gr
																					54.56	56.08	1.52	1.30	86	0.64	42	4	2	12	48	2	3	Gr
									56.00-60.00 - Py 2-3% mainly med grained euhedral, rare CG, FG absent.												56.08	57.61	1.53	1.50	98	0.77	50	4	2	8	50	5	4	Gr
																					57.61	59.13	1.52	1.38	91	1.09	72	4	2	7	45	3	3	Gr
																					59.13	60.65	1.52	1.42	93	0.90	59	4	2	5	36	3	3	Gr
																					60.65	61.57	0.92	0.82	89	0.66	72	4	2	3	27	3	3	Gr
																					61.57	62.79	1.22	1.10	90	0.00	0	4	2	17	35	2	3	Gr
FO	30								62.25-64.40 - core broken, FX weak xcut FO; Py 2-3% mainly MG occ CG euhedral.												62.79	64.01	1.22	0.80	66	0.00	0	4	2	>20	30	2	2	Gr
																					64.01	64.62	0.61	0.44	72	0.00	0	4	2	>20	34	3	2	Gr
																					64.62	66.14	1.52	1.34	88	0.26	17	4	2	9	45	5	4	Gr
FO	25								66.85-67.38 - FLT - 25deg (FO) BX and GO.												66.14	67.38	1.24	1.02	82	0.29	23	4	2	15	55	2	2	Gr
																					67.38	68.58	1.20	0.95	79	0.10	8	4	2	>20	57	5	3	Gr
																					68.58	70.10	1.52	1.35	89	0.45	30	4	2W	7	26	5	2	Gr
																					70.10	71.02	0.92	0.50	54	0.00	0	4	2W	>20	30	3	2	Gr

PROPERTY: MARG **HOLE:** DDH-07-102

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	LITHOLOGY To (m)	LITHOLOGY Interval (m)	LITHOLOGY Type	LITHOLOGY Unit	LITHOLOGY Texture	LITHOLOGY Modifier	Notes:	ALT.			MINERALS				SAMPLES From (m)	SAMPLES To (m)	SAMPLES Interval (m)	SAMPLES Sample	SAMPLES Cu (%)	SAMPLES Zn (%)	SAMPLES Pb(%)	SAMPLES Ag (%)	SAMPLES Au (%)	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
FO	40								71.06 - FLT - 4cm BX and GO 25 deg sub parallel FO; Py 2-3% as above, decreasing to bottom.																		71.02	73.15	2.13	1.30	61	0.23	11	4	2W	>20	50	2	3	Gr
FO	40								73.40-75.74 - strong FX, below 75.74 - FLT - GO strong parallel FO; Py decreasing to 1% FG and MG euhedral.																		73.15	74.37	1.22	0.70	57	0.65	53	4	2W	>20	51	3	3	Gr
																										74.37	76.05	1.68	1.60	95	0.26	15	4	2W	12	55	3	3	Gr
																										76.05	77.42	1.37	1.20	88	0.10	7	4	2W	17	47	3	3	Gr
																										77.42	78.64	1.22	1.15	94	0.00	0	4	2W	16	75	2	3	Gr
																										78.64	79.86	1.22	1.16	97	0.21	17	Fr	MS	8	70	4	3	Gr
																										79.86	81.38	1.52	0.58	38	0.58	38	Fr	MS	9	85	4	3	Gr
																										81.38	82.91	1.53	0.67	44	0.32	21	Fr	MS	8	82	4	4	Gr
FO	60								83.65-84.25 - FX zone; weak FX xcut FO and weak GO FO planes common.																		82.91	84.28	1.37	0.68	50	0.35	26	Fr	MS	4	80	4	4	Gr
									85.80-86.60 - strong FX, hairlike cracks xcut FO; some FO weak Go																		84.28	85.80	1.52	0.77	51	0.00	0	Fr	W	18	58	4	3	Gr
																										85.80	86.41	0.61	0.61	100	0.00	0	Fr	MS	>20	65	4	5	Gr
FO	35								86.20-86.40 - FLT - weak Go and BX; Py 1-2% decreasing toward bottom, often very FG.																		86.41	87.78	1.37	0.78	55	0.33	24	Fr	MS	14	43	4	5	Gr
																										87.78	89.00	1.22	1.19	98	0.19	16	Fr	MS	8	68	4	4	Gr
																										89.00	90.53	1.53	1.30	85	0.51	33	Fr	W	14	50	2	2	Gr
																										90.53	92.05	1.52	1.35	89	0.60	39	Fr	W	9	54	3	3	Gr
FO	40								Py ~1% FG and MG euhedral. Weak 15mm QMPH mainly Tuf. Very low Qz.																		92.05	93.27	1.22	0.90	74	0.14	11	Fr	W	18	45	2	2	Gr
																										93.27	94.49	1.22	1.16	95	0.00	0	Fr	W	8	40	2	2	Gr
																										94.49	95.71	1.22	1.20	98	0.10	8	Fr	W	11	42	2	3	Gr
																										95.71	97.23	1.52	1.40	92	0.18	12	Fr	W	16	47	2	2	Gr
FO	45								97.66-99.50 - QMPH; LT-MD GY; Mu 60%, Qz ~40%, Cb (Ca?) strong, Py to 10mm 1%.																		97.23	98.76	1.53	1.28	84	0.74	48	Fr	W	10	36	4	3	Nl
																										98.76	99.82	1.06	0.98	91	0.00	0	Fr	W	18	38	3	2	Nl/Gr
																										99.82	101.19	1.37	1.34	98	0.38	28	Fr	W	15	40	2	2	Gr
FO	50								near top 5-15mm bands QMPH. Py 1-2% FG to MG, locally up to 5%.																		101.19	102.72	1.53	1.20	78	0.48	31	Fr	W	12	45	4	3	Gr
																										102.72	104.24	1.52	1.40	92	0.71	47	Fr	W	17	48	3	2	Gr
																										104.24	105.77	1.53	1.44	94	0.16	10	Fr	W	19	43	3	3	Gr
																										105.77	107.29	1.52	1.37	90	0.63	41	Fr	W	13	35	5	4	Gr
																										107.29	108.81	1.52	1.30	86	0.84	55	Fr	W	15	39	3	3	Nl/Gr
FO	45								109.85-110.75 - DIOR; LT-MD GN; strong Cb alteration, FO.																		108.81	110.34	1.53	1.48	97	1.00	65	Fr	W	6	44	5	5	Nl/Gr
																										110.34	111.86	1.52	1.45	95	0.50	33	Fr	W	6	37	2	2	Nl/Gr
																										111.86	113.39	1.53	1.53	100	0.30	20	Fr	W	14	33	2	3	Nl/Gr
FO	45								Py 2% as above.																	113.39	114.91	1.52	1.41	93	0.69	45	Fr	W	8	70	5	3	Nl/Gr
																										114.91	116.43	1.52	1.25	82	0.52	34	Fr	W	12	45	2	2	Gr
																										116.43	117.65	1.22	1.22	100	0.11	9	Fr	W	13	68	4	5	Gr
																										117.65	118.87	1.22	1.22	100	0.22	18	Fr	W	12	80	4	5	Gr
																										118.87	120.39	1.52	1.52	100	0.19	13	Fr	W	14	40	4	4	Gr
																										120.39	121.62	1.23	1.23	100	0.00	0	Fr	VW	14	45	4	4	Gr
																										121.62	122.53	0.91	0.91	100	0.32	35	Fr	VW	8	80	4	5	Gr
																										122.53	123.75	1.22	1.12	92	0.00	0	Fr	VW	11	35	4	3	Gr
FO	60	123.60	130.36		DIOR	Tg	FO		LT GY-GN DIOR; strongly FO, moderate car alteration. Se and Mu on Fx surfaces. Xcutting VT's of Qz and Cb up to 1.0cm. Strong tectonic fabric at 60 deg. Cl abundant.	car	chl		Cb	Cl	Se	Mu											123.75	125.27	1.52	1.52	100	0.25	16	Fr	W	7	40	4	4	Gr
																										125.27	128.02	2.75	2.75	100	0.35	13	Fr	W	>20	50	4	3	Gr
																										128.02	129.84	1.82	1.82	100	0.00	0	Fr	W	16	62	4	3	Gr
																										129.84	130.76	0.92	0.92	100	0.00	0	Fr	W	>20	90	4	4	Gr
FO	45	130.36	183.79		QGPH	DMph	FO		BK QGPH. Strongly folded and FO. Minor Cb. Py as euhedral MG and FG xtals up to 1-2% locally. Occ xcutting Qz vn up to 5.0cm. FO at 45 deg. Unit contains small bands of QMPH up to 10cm.				Cb	Py													130.76	132.28	1.52	1.12	74	0.00	0	Fr	W	11	85	4	4	Gr
																										132.28	133.81	1.53	1.53	100	0.28	18	Fr	W	11	70	4	4	Gr
																										133.81	135.33	1.52	1.17	77	0.31	20	Fr	W	7	78	4	5	Gr
																										135.33	136.86	1.53	1.53	100	0.29	19	Fr	W	10	56	4	4	Gr
																										136.86	137.77	0.91	0.91	100	0.40	44	Fr	VW	15	75	4	4	Gr
																										137.77	139.29	1.52	1.52	100	0.47	31	Fr	VW	10	85	4	4	Gr

PROPERTY: MARG **HOLE:** DDH-07-102

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.			MINERALS						SAMPLES From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	Blocks From (m)	To (m)	Intvl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weathering	Hardness	JOINTS Frequency	Attitude	Shape	Roughness	Infilling
																												138.29	140.82	1.53	1.53	100	0.10	7	Fr	VW	12	50	4	5	Gr
FO	50								141.90-142.55 - LT GN DIOR. Strong tectonic fabric 50 deg. Moderate Cb.																			140.82	143.87	3.05	3.05	100	0.62	20	Fr	W	8	85	4	5	Gr
																												143.87	145.39	1.52	1.52	100	0.75	49	Fr	W	6	82	4	5	Gr
																												145.39	146.91	1.52	1.52	100	0.71	47	Fr	W	8	75	4	5	Gr
																												146.91	148.44	1.53	1.53	100	0.15	10	Fr	W	6	70	4	4	Gr
																												148.44	149.96	1.52	1.52	100	0.11	7	Fr	W	17	86	4	5	Gr
																												149.96	151.49	1.53	1.53	100	0.00	0	Fr	VW	18	85	4	5	Gr
																												151.49	153.01	1.52	1.52	100	0.00	0	Fr	VW	>20	35	4	5	Gr
									152.37-153.01 - Ver broken section of QGPH, possible FLT.																			153.01	154.53	1.52	1.52	100	0.00	0	Fr	VW	12	45	4	5	Gr
									154.96-157.75 - GY QMPH; strongly folded and FO w/ strong tectonic fabric. Strong Se, low Qz.																			154.53	156.06	1.53	1.37	90	0.00	0	Fr	W	>20	39	4	5	Gr
																												156.06	157.28	1.22	1.22	100	0.18	15	Fr	W	9	42	4	5	Gr
																												157.28	158.80	1.52	1.52	100	0.23	15	Fr	W	7	76	4	5	Gr
																												158.80	160.32	1.52	1.52	100	0.89	59	Fr	W	6	70	4	4	Gr
																												160.32	161.85	1.53	1.53	100	0.18	12	Fr	W	16	65	4	4	Gr
																												161.85	163.52	1.67	1.35	81	0.00	0	Fr	W	15	42	4	5	Gr
																												163.52	164.44	0.92	0.92	100	0.00	0	Fr	W	>20	82	4	5	Gr
																												164.44	165.20	0.76	0.76	100	0.00	0	Fr	W	>20	83	4	5	Gr
																												165.20	168.25	3.05	2.34	77	0.62	20	Fr	W	8	78	4	5	Gr
																												168.25	169.77	1.52	1.52	100	0.70	46	Fr	W	10	85	4	5	Gr
									170.91-171.08 - GY GN QMPH; folded and xcut by WH Qz vn's up to 10cm. Subhedral to euhedral Py xtals up to 0.5cm. Cl assoc. w/ Qz vn's.																			169.77	171.30	1.53	1.53	100	0.80	52	Fr	W	7	78	4	5	Gr
																												171.30	173.43	2.13	2.13	100	0.51	24	Fr	W	7	82	4	5	Gr
																												173.43	175.87	2.44	2.44	100	0.64	26							
																												175.87	177.39	1.52	1.50	99	0.61	40							
																												177.39	179.83	2.44	2.45	100	0.28	11							
																												179.83	181.97	2.14	2.14	100	0.00	0							
																												181.97	183.79	1.82	1.82	100	0.00	0							
		183.79	187.91		FLT				FLT, very broken with lost recovery, BX, GO and crushed rock.																			183.79	186.09	2.30	0.66	29	0.00	0							
																												186.09	187.91	1.82	0.49	27	0.00	0							
FO	65	187.91	212.30		QGPH	DMph			Same as above.																			187.91	191.11	3.20	3.16	99	0.36	11							
FO	75								188.50-190.04 - GN DIOR; very SH w/ strong tectonic fabric at 75 deg. Strong chl and car alteration. Minor FG Py.	chl	car																	191.11	193.55	2.44	1.78	73	0.48	20							
									191.11-212.45 - frequent WH Qz vn's up to 15cm w/ minor Py , Ca and Cl assoc.																			193.55	196.60	3.05	3.00	98	1.32	43							
																												196.60	197.27	0.67	0.57	85	0.38	57							
																												197.27	200.25	2.98	2.98	100	1.75	59							
																												200.25	203.30	3.05	3.05	100	1.49	49							
									203.70-204.03 - GN DIOR. Very SH w/ strong tectonic fabric. Contains noses of isoclinal folds. Strong chl and car alteration. Unit xcut by WH Qz vn's up to 15cm.	chl	car																	203.30	206.35	3.05	3.05	100	1.42	47							
																												206.35	209.40	3.05	3.05	100	0.65	21							
																												209.40	212.45	3.05	3.00	98	1.67	55							
FO	75	212.30	284.74		QMPH	DMv	SH	FO	GY QMPH; unit is folded and has strong tectonic fabric at 75 deg. Occ. Xcutting WH Qz vn's w/ associated Cl. FG Py throughout unit ~1%. Unit contains																			212.45	215.49	3.04	3.04	100	1.52	50							
																												215.49	218.54	3.05	3.02	99	1.34	44							
																												218.54	221.59	3.05	2.20	72	2.01	66							
																												221.59	224.64	3.05	1.79	59	1.05	34							
																												224.64	227.69	3.05	3.05	100	1.24	41							
																												227.69	230.73	3.04	3.04	100	1.96	64							
																												230.73	233.78	3.05	2.26	74	0.15	5							
																												233.78	236.83	3.05	2.15	70	0.00	0							
																												236.83	239.88	3.05	2.67	88	0.68	22							
																												239.88	242.32	2.44	2.44	100	1.02	42							
																												242.32	246.28	3.96	3.30	83	0.37	9							
																												246.28	246.72	2.44	2.44	100	0.91	37							
																												246.72	251.31	2.59	2.59	100	0.39	15							

PROPERTY: MARG **HOLE:** DDH-07-102

Struct.		LITHOLOGY								ALT.			MINERALS					SAMPLES									Blocks			GEOTECHNICAL						JOINTS				
																														REC		RQD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:									From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
																											251.31	252.37	1.06	1.06	100	0.34	32						
																											252.37	255.12	2.75	2.75	100	1.34	49						
																											255.12	258.17	3.05	3.05	100	1.39	46						
																											258.17	261.27	3.10	3.10	100	1.57	51						
																											261.27	263.10	1.83	1.83	100	0.63	34						
																											263.10	265.02	1.92	1.77	92	0.83	46						
																											265.02	267.92	2.90	2.72	94	0.67	23						
																											267.92	270.36	2.44	0.74	30	0.23	9						
																											270.36	272.18	1.82	1.82	100	1.82	100						
																											272.18	275.23	3.05	3.05	100	2.65	87						
																											275.23	278.28	3.05	3.05	100	2.48	81						
																											278.28	279.50	1.22	1.22	100	1.09	89						
																											279.50	282.55	3.05	3.01	99	2.37	78						
																											282.55	285.60	3.05	3.05	100	2.73	90						
									287.45-289.32 - BK QGPH. Strongly SH and FO w/ trace FG Di Py.																		285.60	288.65	3.05	3.05	100	2.37	78						
																											288.65	291.69	3.04	3.04	100	2.52	83						
									EOH 294.74																		291.69	294.74	3.05	3.05	100	2.47	81						

PROJECT - MARG

PROPERTY: MARG Jane Zone

HOLE: DDH-07-103

Easting	Northing	Elev.	Depth (m)
519354	7095076	1501	32.61

Contractor: Top Rank Diamond Drilling Ltd.
Drill: JKS 300

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	340	-50	Brunton				

Core size: BTW
Casing depth: 8.23 (m) **in/out**

Drilling dates: September 4, 2007

Logged by: Benjamin Gelber

Target: Testing massive Py showing on surface in Jane Zone and testing soil geochemistry anomaly observed below Jane Zone.

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments
0.00	32.61	32.61	OVB	Overburden

SAMPLES	
Numbers:	
Total:	
Date sent:	

COMMENTS
Overburden too thick for small drill.

PROPERTY: MARG **HOLE:** DDH-07-103

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	LITHOLOGY To (m)	LITHOLOGY Interval (m)	LITHOLOGY Type	LITHOLOGY Unit	LITHOLOGY Texture	LITHOLOGY Modifier	Notes:	ALT.			MINERALS				SAMPLES From (m)	SAMPLES To (m)	SAMPLES Interval (m)	SAMPLES Sample	SAMPLES Cu (%)	SAMPLES Zn (%)	SAMPLES Pb(%)	SAMPLES Ag (%)	SAMPLES Au (%)
		0.00	32.61	32.61	OVB				OVB - Gravel and boulders.																

Blocks From (m)	Blocks To (m)	Blocks Intvl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weathering	Hardness:	JOINTS Frequency	Attitude	Shape	Roughness	Infilling
0.00	5.18	5.18	1.31	25	0.36	7							
5.18	8.23	3.05	1.45	48	0.62	20							
8.23	11.27	3.04	1.28	42	0.00	0							
11.27	14.33	3.06	2.08	68	0.15	5							
14.33	17.31	2.98	1.78	60	0.00	0							
17.31	20.42	3.11	2.01	65	0.47	15							
20.42	23.50	3.08	1.60	52	0.41	13							
23.50	26.52	3.02	1.49	49	0.14	5							
26.52	27.57	1.05	1.05	100	0.22	21							
27.57	32.61	5.04	1.91	38	0.13	3							
EOH 32.61 m													

PROJECT - MARG

PROPERTY: MARG Jane Zone

HOLE: DDH-07-104

Easting	Northing	Elev.	Depth (m)
519354	7095076	1501	29.57

Contractor: Top Rank Diamond Drilling Ltd.
Drill: JKS 300

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	340	-60	Brunton				

Core size: BTW
Casing depth: 8.23 (m) **in/out**

Drilling dates: September 5 - 6, 2007

Logged by: Benjamin Gelber

Target: Testing massive Py showing on surface in Jane Zone and testing soil geochemistry anomaly obseved below Jane Zone.

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments
0.00	29.57	29.57	OVB	Overburden

SAMPLES	
Numbers:	
Total:	
Date sent:	

COMMENTS
Overburden too thick for small drill.

PROPERTY: MARG **HOLE:** DDH-07-104

Struct.		LITHOLOGY								ALT.		MINERALS				SAMPLES									Blocks			GEOTECHNICAL						JOINTS				
																												REC		RQD								
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:							From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardnes:	Frequency	Attitude	Shape	Roughness	Infilling
		0.00	29.57	29.57	OVB				OVB - Gravel and Boulders																0.00	11.27	11.27	1.44	13	0.35	3							
																									11.27	14.32	3.05	1.22	40	0.00	0							
																									14.32	17.37	3.05	0.90	30	0.00	0							
																									17.37	20.42	3.05	1.85	54	0.15	5							
																									20.42	23.47	3.05	1.12	37	0.10	3							
																									23.47	26.57	3.10	1.34	43	0.24	8							
																									26.57	29.57	3.00	1.81	60	0.35	12							

PROJECT - MARG

PROPERTY: MARG Jane Zone

HOLE: DDH-07-105

Easting	Northing	Elev.	Depth (m)
519158.590	7094900.196	1579.329	306.93

Contractor: Top Rank Drilling Ltd.
Drill: JKS 300

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	340	-50	Brunton	245.97	-	44.45	Acid
60.04	-	45	Acid	306.93	-	49	Acid
124.05	-	45.45	Acid				
185.01	-	48	Acid				

Core size: BTW
Cassing depth: 8.23 (m) in/**out**

Drilling dates: September 7 - 12, 2007

Logged by: Hansie Mundhenk

Target: Testing massive Py showing on surface in Jane Zone and testing soil geochemistry anomaly observed below Jane Zone.

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments
0	10.3	10.30	OVB	
10.3	13.6	3.30	DIOR	
13.6	17.64	4.04	QGPH	
17.64	59.7	42.06	DIOR	
59.7	72.49	12.79	QGPH	
72.49	74.66	2.17	CARB	
74.66	193.72	119.06	QMPH	Di Po (3-5%) and minor Py and trace Sp.
193.72	216.31	22.59	QMPH	Mixed unit of QMPH and QGPH
216.31	241	24.69	QMPH	
241	276.8	35.80	QGPH	
276.8	282.8	6.00	DIOR	
282.8	306.93	24.13	QGPH	

SAMPLES
Numbers: C487560 - C487601
Total: 42
Date sent:

COMMENTS
Samples taken every third metre over QMPH unit containing disseminated sulphides.

PROPERTY: MARG Jane Zone **HOLE:** DDH-07-105

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.			MINERALS				SAMPLES From (m)	To (m)	Interval (m)	Sample	%Cu	%Zn	%Pb	Ag (%)	Au (%)	Blocks From (m)	To (m)	Intvl (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weathering	Hardness	JOINTS Frequency	Attitude	Shape	Roughness	Infilling
		0.00	10.30		Overburden																																	
FO	70	10.30	13.60		DIOR	Tg	FO	FG	LT GN DIOR. Sheared and altered. Strong chl and car alteration, surfaces oxidized. Strong tectonic foliation 70°.	chl	car	oxi	Cl	Cb												11.27	14.32	3.05	2.83	93	0.99	32							
FO	60	13.60	17.64		QGPH	DMph	FO	SH	BK QGPH. Strongly folded and sheared. Strong graphite with fine laminations of QZ sweats and ferroan carbonates. Strong OXI on all surfaces. Occasional crosscutting VNs of QZ up to 5.0 cm wide. Strong tectonic Fo 60°.	oxi			Qz	Ak												14.32	17.37	3.05	2.77	91	0.55	18							
FO	85	17.64	59.70		DIOR	Tg	FO	SH	LT GN DIOR. FG-MG. Sheared and altered. Strong chl and car alteration. Oxidation of Fx surfaces. Stretched Pl and Hb Xls visible. X-cutting VT's of Qz up to 3.0 cm wide. Fxs filled with Cb and Sl. Strong tectonic fabric 85°.	chl	car	oxi	Cl	Cb	Pl	Hb											17.37	20.42	3.05	3.05	100	0.77	25							
																										20.42	23.45	3.03	2.23	74	0.54	18							
																										23.45	26.52	3.07	2.97	97	0.89	29							
																										26.52	29.57	3.05	3.05	100	2.08	68							
																										29.57	32.61	3.04	3.02	99	2.09	69							
																										32.61	35.66	3.05	3.05	100	2.21	72							
																										35.66	38.71	3.05	3.03	99	1.89	62							
																										38.71	41.75	3.04	3.04	100	1.79	59							
																										41.75	44.81	3.06	3.06	100	2.05	67							
																										44.81	47.85	3.04	3.04	100	2.58	85							
																										47.85	50.90	3.05	3.05	100	1.39	46							
									48.60 - 50.16 m QGPH. Band of QGPH with regular X-cutting QZ VNs upto 5.0 cm wide. Fo 70°.																50.90	53.95	3.05	3.05	100	2.03	67							
																										53.95	57.00	3.05	3.05	100	1.77	58							
																										57.00	60.04	3.04	3.04	100	1.70	56							
FO	50	59.70	72.49		QGPH	DMph	FO	SH	BK QGPH. Strongly folded and sheared. Strong graphite with thin (1-2 mm) QZ sweats. Contains weak Cb. Trace to weak Po throughout with trace py. Contains bands of QMPH upto 1.0 m. Strong tectonic fabric 50°. Becomes mixed near FW contact.				Qz	Cb	Po	Py											60.04	63.09	3.05	3.05	100	1.13	37							
									61.80 - 62.82 m GY QMPH. Strong Do alteration, 1-2%. FG Do throughout. Strong tectonic fabric 85°. Trace Po.				Do	Po	Py										63.09	66.14	3.05	3.05	100	1.72	56							
																										66.14	69.18	3.04	3.04	100	0.98	32							
																										69.18	72.24	3.06	3.06	100	1.41	46							
FO	80	72.49	74.66		CARB		SH		GY CARB. MG-CG CARB unit. Sheared at 80°. Contains QZ and minor GR and FG Py. Mixed sections with GMPH locally.	car			Cb	Qz	Gr	Py										72.24	75.29	3.05	3.05	100	2.29	75							
FO	80	74.66	193.72		QMPH	DMv	SH	FO	GY QMPH. Strongly SH and folded. Weak to trace Cb. Strong Mu, QZ, and Se with weak FG Po with Py throughout (<1%). Upper part of unit contians strong Se with QZ VT's up to 10 cm wide. Occasional thin QGPH bands. Oxidation of Fx surfaces near top of unit. Cb assoc with QZ VNs. Frequent bands of Po upto 1 cm wide. Unit is locally 2-5% Po. Strong tectonic fabric 80°. Unit contains streched phenocrysts of blue QZ.				Qz	Se	Po	Py											75.29	78.33	3.04	3.04	100	2.26	74							
																	99.00	100.00	1.00	C487560	<0.01	<0.01	<0.01	0.08	<0.005	78.33	81.38	3.05	3.05	100	2.39	78							
																	102.00	103.00	1.00	C487561	<0.01	<0.01	<0.01	0.08	<0.005	81.38	84.43	3.05	3.05	100	2.49	82							
																	105.00	106.00	1.00	C487562	<0.01	<0.01	<0.01	0.13	<0.005	84.43	87.48	3.05	3.05	100	2.44	80							
																	108.00	109.00	1.00	C487563	<0.01	<0.01	<0.01	0.08	<0.005	87.48	90.52	3.04	3.04	100	2.50	82							
																	111.00	112.00	1.00	C487564	<0.01	<0.01	<0.01	0.18	<0.005	90.52	93.57	3.05	0.89	29	0.34	11							
																	114.00	115.00	1.00	C487565	<0.01	<0.01	<0.01	0.14	<0.005	93.57	96.62	3.05	3.05	100	2.57	84							
																	117.00	118.00	1.00	C487566	<0.01	<0.01	<0.01	0.05	<0.005	96.62	99.67	3.05	3.05	100	2.82	92							
																	120.00	121.00	1.00	C487567	<0.01	<0.01	<0.01	0.07	<0.005	99.67	102.71	3.04	3.04	100	2.69	88							
																	BLANK			C487568	<0.01	<0.01	<0.01	0.02	<0.005	102.71	105.77	3.06	3.06	100	2.67	87							

PROPERTY: MARG Jane Zone **HOLE:** DDH-07-105

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.	MINERALS	SAMPLES From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)
												STANDARD			C487569	1.52	3.03	0.272	67.4	0.829
												123.00	124.00	1.00	C487570	<0.01	<0.01	<0.01	0.07	0.005
												126.00	127.00	1.00	C487571	<0.01	<0.01	<0.01	0.06	<0.005
												129.00	130.00	1.00	C487572	<0.01	<0.01	<0.01	0.06	<0.005
												132.00	133.00	1.00	C487573	<0.01	<0.01	<0.01	0.05	<0.005
												135.00	136.00	1.00	C487574	<0.01	<0.01	<0.01	0.06	<0.005
												138.00	139.00	1.00	C487575	<0.01	<0.01	<0.01	0.06	0.007
												141.00	142.00	1.00	C487576	<0.01	<0.01	<0.01	0.06	0.005
												144.00	145.00	1.00	C487577	<0.01	0.021	<0.01	0.23	<0.005
												147.00	148.00	1.00	C487578	<0.01	0.04	0.02	0.44	<0.005
												BLANK			C487579	<0.01	<0.01	<0.01	0.02	<0.005
												STANDARD			C487580	1.56	3.1	0.258	61.7	0.912
												150.00	151.00	1.00	C487581	<0.01	0.016	<0.01	0.18	0.007
												153.00	154.00	1.00	C487582	<0.01	0.015	<0.01	0.07	<0.005
												156.00	157.00	1.00	C487583	<0.01	<0.01	<0.01	0.06	<0.005
												159.00	160.00	1.00	C487584	<0.01	<0.01	<0.01	0.09	<0.005
												162.00	163.00	1.00	C487585	<0.01	0.01	<0.01	0.05	<0.005
												163.68	164.91	1.23	C487586	<0.01	0.016	<0.01	0.1	0.007
												165.00	166.00	1.00	C487587	<0.01	0.015	<0.01	0.1	<0.005
									163.67 - 164.89 m BK QGPH. Sheared with strong tectonic fabric 65°. 2-3% FG Di Po and Py.			168.00	169.00	1.00	C487588	<0.01	<0.01	<0.01	0.1	<0.005
												BLANK			C487589	<0.01	<0.01	<0.01	0.01	<0.005
												STANDARD			C487590	1.54	2.9	0.263	64.3	0.978
												171.00	172.00	1.00	C487591	<0.01	0.019	<0.01	0.16	0.012
												174.00	175.00	1.00	C487592	<0.01	<0.01	<0.01	0.07	<0.005
												177.00	178.00	1.00	C487593	<0.01	0.013	<0.01	0.07	<0.005
												180.00	181.00	1.00	C487594	<0.01	<0.01	<0.01	0.07	<0.005
									184.34 - 185.18 m BK QGPH. 1-2% Po with trace py.			183.00	184.00	1.00	C487595	<0.01	<0.01	<0.01	0.09	<0.005
												186.00	187.00	1.00	C487596	<0.01	0.011	<0.01	0.08	<0.005
												189.00	190.00	1.00	C487597	<0.01	<0.01	<0.01	0.05	0.005
FO	85	193.72	216.31		QMPH and QGPH	DMv and DMph	SH	FO	Mixed unit of QMPH and QGPH. Thin bands of GY QMPH finely intercalated with QGPH. Local Po as subhedral XTs (<0.5 cm upto 1-2%). Unit is strongly sheared and folded. Strong tectonic fabric 85°.		Mu Gr Qz Po					<0.01	0.011	<0.01	0.07	<0.005
												192.00	193.00	1.00	C487598					
												BLANK			C487599	<0.01	<0.01	<0.01	0.01	<0.005
												STANDARD			C487600	1.47	2.78	0.263	61.6	0.859
												193.72	195.22	1.50	C487601	<0.01	0.017	<0.01	0.12	<0.005
		216.31	241.00		QMPH	DMv	SH	Fo	GY QMPH. Strongly SH and Fo. Trace to weak Cb. Local Gr rich with occasional bands of QGPH. Strong tectonic fabric 85°. Trace to weak FG Po locally with trace Py.		Po Py									
FO	45	241.00	276.80		QGPH	DMph	SH	FO	BK QGPH. Strongly SH and Fo. Very righ in Gr with minor QZ and Cb. Trace FG Po (<1%). Strong tectonic fabric 45°. Unit contains QZ sweats with minor associate Cb. Trace Py associated with Po.											

Blocks From (m)	To (m)	Intvl (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weathering	Hardness	JOINTS Frequency	Attitude	Shape	Roughness	Infilling
105.77	108.81	3.04	3.04	100	3.04	100							
108.81	111.86	3.05	1.76	58	1.45	48							
111.86	114.91	3.05	2.93	96	2.75	90							
114.91	117.96	3.05	3.05	100	2.93	96							
117.96	121.00	3.04	3.03	100	2.39	79							
121.00	124.05	3.05	3.12	102	2.65	87							
124.05	127.10	3.05	2.32	76	2.33	76							
127.10	130.14	3.04	3.04	100	1.57	52							
130.14	133.20	3.06	3.06	100	2.40	78							
133.20	136.25	3.05	3.05	100	1.99	65							
136.25	139.29	3.04	2.98	98	1.52	50							
139.29	142.34	3.05	3.05	100	1.81	59							
142.34	145.39	3.05	3.05	100	0.62	20							
145.39	148.44	3.05	3.05	100	1.27	42							
148.44	151.49	3.05	3.00	98	2.05	67							
151.49	154.53	3.04	3.04	100	0.98	32							
154.53	157.58	3.05	3.05	100	2.34	77							
157.58	160.63	3.05	3.00	98	2.36	77							
160.63	163.68	3.05	3.00	98	2.77	91							
163.68	166.73	3.05	3.00	98	2.86	94							
166.73	169.77	3.04	3.04	100	3.04	100							
169.77	172.82	3.05	3.05	100	2.89	95							
172.82	175.87	3.05	3.00	98	2.19	72							
175.87	178.92	3.05	3.05	100	2.00	66							
178.92	181.97	3.05	3.05	100	2.51	82							
181.97	185.01	3.04	3.04	100	2.47	81							
185.01	188.06	3.05	3.05	100	2.17	71							
188.06	191.11	3.05	3.05	100	2.70	89							
191.11	194.16	3.05	3.05	100	2.59	85							
194.16	197.21	3.05	3.05	100	2.47	81							
197.21	200.25	3.04	3.04	100	2.87	94							
200.25	203.30	3.05	3.05	100	1.00	33							
203.30	206.35	3.05	3.05	100	1.80	59							
206.35	209.40	3.05	3.05	100	1.04	34							
209.40	212.45	3.05	3.05	100	1.43	47							
212.45	215.50	3.05	3.05	100	1.64	54							
215.50	218.54	3.04	3.04	100	2.95	97							
218.54	221.59	3.05	3.05	100	1.94	64							
221.59	224.64	3.05	3.05	100	2.89	95							
224.64	227.69	3.05	3.05	100	2.71	89							
227.69	230.73	3.04	3.04	100	2.49	82							
230.73	233.78	3.05	3.05	100	2.68	88							
233.78	236.83	3.05	3.05	100	2.56	84							
236.83	239.88	3.05	3.05	100	1.62	53							
239.88	242.93	3.05	3.05	100	1.72	56							
242.93	245.97	3.04	2.91	96	0.00	0							
245.97	249.02	3.05	3.05	100	1.17	38							
249.02	252.07	3.05	3.05	100	0.89	29							
252.07	255.12	3.05	3.05	100	0.76	25							
255.12	258.17	3.05	3.05	100	1.89	62							
258.17	261.21	3.04	3.04	100	1.60	53							

PROPERTY: MARG Jans Zone **HOLE:** DDH-07-105

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.	MINERALS	SAMPLES From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)
FO	85	276.80	282.80		DIOR	Tg	SH	FO	LT GN DIOR. Unit is very SH with strong tectonic fabric. Original textures obscured by intens chl and car alteration. Unit is regularly x-cut by WH VNs of QZ and Cb with associated Cl up to 25 cm. Tectonic fabric varies, averaging 85. Contains stretched Cb Xts.											
		282.80	306.93		QGPH	DMph	SH	FO	BK QGPH. Strongly sheared and folded. Contains layers of Gr and QZ sweats with thin intercalations and bands of QMPH locally. Minor Cb associated with QGPH. Trace to weak Dl Po throughout unit (~1%) with trace associated Py.											
									285.72 - 287.17 m GN DIOR. Band of strongly sheared DIOR chl and car alteration. Strong tectonic fabric at 50°.											
									EOH 306.93 m											

Blocks From (m)	To (m)	Intvl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weathering	Hardness	JOINTS Frequency	Altitude	Shape	Roughness	Infilling
261.21	264.26	3.05	3.05	100	1.85	61							
264.26	267.31	3.05	3.05	100	1.68	55							
267.31	270.36	3.05	3.05	100	1.12	37							
270.36	273.41	3.05	3.04	100	0.82	27							
273.41	276.45	3.04	3.04	100	0.46	15							
276.45	279.50	3.05	2.87	97	1.18	39							
279.50	282.55	3.05	3.05	100	0.95	31							
282.55	285.60	3.05	3.05	100	2.20	72							
285.60	288.65	3.05	3.05	100	1.32	43							
288.65	291.70	3.05	3.05	100	1.55	51							
291.70	294.74	3.04	3.04	100	1.52	50							
294.74	297.79	3.05	3.01	99	1.55	51							
297.79	300.83	3.04	3.04	100	0.77	25							
300.83	303.89	3.06	3.01	98	1.27	42							
303.89	306.93	3.04	3.04	100	1.21	40							

PROJECT - MARG

PROPERTY: MARG

HOLE: DDH-07-106

Easting	Northing	Elev.	Depth (m)
519895.940	7096250.037	1524.480	233.78

Contractor: Top Rank Diamond Drilling Ltd
Drill: JKS-300

Core size: BTW
Cassing depth: 3.66 (m) in/**out**

Drilling dates: September 13 - 17, 2006

Logged by: Hansie Munhenk

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	340	-50	Brunton				
63.09	-	48	Acid				
124.05	-	45.45	Acid				
185.01	-	50	Acid				

Target: Testing Geophysical anomaly 06

SUMMARY

From (m)	To (m)	Interval	Unit	Coments
0	2.13	2.13	OVB	
2.13	13.7	11.57	DIOR	
13.7	42.03	28.33	QGPH	
42.03	45.25	3.22	DIOR	
45.25	67.14	21.89	QMPH	
67.14	91.8	24.66	QGPH	
91.8	98.67	6.87	DIOR	
98.67	127.46	28.79	QGPH	
127.46	147.42	19.96	DIOR	
147.42	223.04	75.62	QGPH	
223.04	230.43	7.39	DIOR	
230.43	233.78	3.35	QMPH	

SAMPLES

Numbers:

Total:
Date sent:

COMMENTS

Disseminated Po and Py throughout QMPH and QGPH units.

PROPERTY: MARG **HOLE:** DDH-07-108

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.			MINERALS				SAMPLES From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	Blocks From (m)	To (m)	Intvl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weatherin	Hardnes	JOINTS Frequency	Attitude	Shape	Roughnes	Infilling
		0.00	2.13		OVBN				Overburden - Not in box																	0.00	2.13	2.13	0.00	0	0.00	0								
FO	80	2.13	13.70		DIOR	Tg	FO	FG	LT GN DIOR. Unfoliated to moderately Fo. Strong chl and car alteration. Car is likely replacing pl XTs. Weak, patchy oxl near bottom of interval. Few QZ-car VTs at 70° crosscutting Fo.	car	chl	oxl	Ca	Cl	Ak											2.13	5.18	3.05	1.73	57	1.31	42.95								
																										5.18	8.23	3.05	2.69	88	1.38	45								
																										8.23	11.28	3.05	2.30	75	0.74	24								
																										11.28	14.32	3.04	2.27	75	1.06	35								
FO	75	13.70	42.03		QGPH	DMph	FO		BK-GY QGPH. Strongly Fo. Variable abundance of QZ sweasts as augen and lenses. Augen show occasional shear tails. Few small horizons of py and po less than 2 cm thick. Horizons are often strongly di with euhedral FG-MG py XTs and aphanitic po.				Qz	Py	Po											14.32	17.37	3.05	2.67	88	0.13	4								
																										17.37	20.42	3.05	2.55	84	0.65	21								
																										20.42	23.47	3.05	2.28	75	0.79	26								
																										23.47	26.52	3.05	2.62	86	0.53	17								
									26.07 - 27.53 m GY QMPH. Weak to strongly Fo. Weakly Fo could be DIOR, but unlikely. Weakly lacks mu and QZ sweats. BK QGPH has small interfingers throughout interval. Fingers are usually <10 cm. Weak car alteration in QZ sweats. Py and po in trace to weak di and blebs. Not in distinct horizons as noted above.															26.52	29.57	3.05	1.80	59	0.25	8								
																										29.57	32.62	3.05	1.87	61	0.64	21								
																										32.62	35.66	3.04	2.75	90	1.58	52								
																										35.66	38.71	3.05	2.63	86	1.66	54								
																										38.71	41.76	3.05	2.55	84	1.76	58								
FO	75	42.03	45.25		DIOR	Tg	FO	FG	Gy DIOR. Weakly foliated at top of interval, becoming strongly foliated deeper in interval. Trace di of py and po (and occasional blebs of po). Most of core is magnetic. Pervasive trace car alteration. Qz sweats throughout.	car			Qz	Mu	Py	Po										41.76	44.81	3.05	3.00	98	2.62	86								
FO	75	45.25	67.14		QMPH	DMv	FO		GY QMPH. Moderate to strong Fo. Some kink banding present. Qz sweats can be upto 2 cm wide in bands, irregular aggregates, and augen. Po is observed throughout as thin laminae, weak di, and FG blebs. Thin intercalations of QGPH present in variable abundance. Grading into occasional 40 cm long intervals of QGPH. Weak car alteration in bnads of more qz rich core as MG crysatlline overprint of tectonic Fo.				Qz	Mu	Po											44.81	47.85	3.04	2.95	97	2.49	82								
																										47.85	50.90	3.05	3.05	100	1.21	40								
																										50.90	53.95	3.05	3.05	100	1.74	57								
																										53.95	56.99	3.04	3.04	100	0.85	28								
																										56.99	60.04	3.05	3.05	100	0.82	27								
																										60.04	63.09	3.05	3.05	100	2.36	77								
																										63.09	66.14	3.05	3.05	100	2.35	77								
FO	60	67.14	91.80		QGPH	DMph	FO		GY QGPH. Strongly Fo. Small scale local folding and crenulation clevage development. Highly variable qz-gr abundances (from 30% - 60% qz). Intercalationsof QMPH common in intervals 40 cm long. Both units contain po and py in moderate di, small horizons of blebs upto 0.5 cm thick and as scattered patches of blebs. Blebs can be subhedral or stretched.				Qz	Gr	Py	Po										66.14	69.19	3.05	3.05	100	2.25	74								

PROPERTY: MARG **HOLE:** DDH-07-106

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	LITHOLOGY To (m)	LITHOLOGY Interval (m)	LITHOLOGY Type	LITHOLOGY Unit	LITHOLOGY Texture	LITHOLOGY Modifier	Notes:	ALT.			MINERALS				SAMPLES From (m)	SAMPLES To (m)	SAMPLES Interval (m)	SAMPLES Sample	SAMPLES Cu (%)	SAMPLES Zn (%)	SAMPLES Pb(%)	SAMPLES Ag (%)	SAMPLES Au (%)	Blocks From (m)	Blocks To (m)	Blocks Intvl. (m)	GEOTECHNICAL REC (m)	GEOTECHNICAL REC Percent	GEOTECHNICAL RQD (m)	GEOTECHNICAL RQD Percent	GEOTECHNICAL Weathering	GEOTECHNICAL Hardnes	JOINTS Frequency	JOINTS Attitude	JOINTS Shape	JOINTS Roughness	JOINTS Infilling
VN	25								Rare qz VNs upto 20 cm thick often containing wall rock inclusions and rare blebs of py.																	69.19	72.24	3.05	3.05	100	1.80	59									
																										72.24	75.29	3.05	3.05	100	0.51	17									
																										75.29	78.33	3.04	3.04	100	2.53	83									
																										78.33	81.38	3.05	3.05	100	2.29	75									
									80.74 15 cm band of MD GY-GN DIOR, very similar to next interval.																	81.38	84.43	3.05	3.05	100	1.79	59									
																										84.43	87.48	3.05	3.05	100	2.64	87									
																										87.48	90.52	3.04	3.04	100	2.39	79									
FO	80	91.80	98.67		DIOR	Tg	FO	FG	MD GN-GY DIOR. Margins of interval are moderately foliated while core of interval is unfoliated to weakly foliated. Strong car alteration as FG-MG XTs. Moderate chl alteration.	car	chl		Ca	Cl												90.52	93.57	3.05	3.05	100	2.86	87									
																										93.57	96.62	3.05	3.01	99	2.85	93									
																										96.62	99.67	3.05	3.03	99	2.43	80									
		98.67	127.46		QGPH	DMph	FO		GY QGPH. Strongly Fo with local small scale folding and crenulation development. Qz-gr abundances are relatively constant throughout interval. Abundant and variably sized qz sweats. From laminae to lenses. Trace to weak po throughout. Occurs as thin laminae, stretched to euhedral XTs and FG di.																	99.67	102.72	3.05	2.20	72	1.11	36									
									108.96 m 5 cm interband of LT GY-GN QMPH.	car	chl		Ca	Cl												102.72	105.77	3.05	3.05	100	2.08	68									
																										105.77	108.81	3.04	3.04	100	0.80	26									
																										108.81	111.86	3.05	3.05	100	0.23	8									
																										111.86	114.91	3.05	2.92	96	0.78	26									
																										114.91	117.96	3.05	3.05	100	0.72	24									
																										117.96	121.00	3.04	3.04	100	0.91	30									
																										121.00	124.05	3.05	3.05	100	1.58	52									
																										124.05	127.10	3.05	3.05	100	1.22	40									
FO	75	127.46	147.42		DIOR	Tg	FO	MG	LT GN DIOR. Moderately chl alteration. Strong car alteration visible as white stretched XTs. Fo varies from none to weak. Rare qz-car sweats and veinlets. Veinlets are irregular and often show milled qz XTs in car matrix.																	127.10	130.15	3.05	3.05	100	2.46	81									
									129.57 - 129.99 m FLT with 15 cm wide GO zone. Barren MA WH car-qz veins. Parallel to GO zone on footwall and hangingwall contacts. Contain irregularly shaped wall rock fragments.																	130.15	133.19	3.04	3.00	99	2.08	68									
																										133.19	136.24	3.05	3.05	100	2.55	84									
																										136.24	139.29	3.05	3.05	100	1.62	53									
																										139.29	142.34	3.05	3.01	99	2.15	70									
									142.23 - 142.83 m WH MA to CR qz-car VN cut down core axis. CR infill is car, clasts are qz. Irregularly shaped, partially digested wallrock fragments common throughout.																	142.34	145.39	3.05	3.05	100	2.46	81									
																										145.39	148.44	3.05	3.05	100	2.59	85									
FO	70	147.42	223.04		QGPH	DMph	FO		DK GY to BK QGPH. Moderate to strongly Fo. Locally folded. Moderate local development of crenulation clevage. Composition has significan variation; possible sandy protolith to produce a slightly harder more sucroic silica rich texture (possible quartzite) over intervals upto 1 m long. Sandier intervals are moderately common. Trace to weak subhedral po primarily found in qz sweats as small blebs. Trace car in qz sweats.																	148.44	151.49	3.05	3.05	100	1.85	61									

PROPERTY: MARG **HOLE:** DDH-07-108

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.	MINERALS	SAMPLES From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	Blocks From (m)	To (m)	Intvl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weatherin	Hardnes	JOINTS Frequency	Attitude	Shape	Roughnes	Infilling
																					151.48	154.53	3.04	3.04	100	1.60	53							
FO	70								155.05 m 9 cm thick massive qz band with 3% py in long, thin stretched XTs of stratiform bands approximately parallel to Fo. Very similar band 8 cm deeper which is 4 cm wide.											154.53	157.58	3.05	3.05	100	1.06	35							
									159.24 - 159.87 m LT GN QMPH. Contains 3-5% stretched po crystals. 7 cm MA barren qz VT in centre of interval.											157.58	160.63	3.05	3.00	98	1.84	60							
																					160.63	163.68	3.05	3.05	100	2.08	68							
																					163.68	166.73	3.05	3.05	100	2.56	84							
FO	75								166.40 m 10 cm wide MA qz band. Probable qz sweat.											166.73	169.77	3.04	3.04	100	2.62	86							
									166.99 - 167.62 m QMPH grading back into QGPH. Similar to 159.24 - 159.87 m. However, shows higher graphite content. Interval also shows folding. From end of interval upto 169.77 m upto 12 cm intervals of MA WH qz are common and contain fragments angular fragments of QGPH wallrock.											169.77	172.82	3.05	3.05	100	2.00	66							
									170.89 - 171.62 m Strong crenulations overprinting Fo. 3-5% po associated with qz sweats.											172.82	175.87	3.05	3.05	100	2.26	74							
																					175.87	178.91	3.04	3.05	100	2.08	68							
																					178.91	181.96	3.05	3.05	100	1.86	61							
																					181.96	185.01	3.05	3.05	100	2.17	71							
																					185.01	188.06	3.05	3.05	100	2.25	74							
																					188.06	191.11	3.05	3.05	100	2.73	90							
																					191.11	194.16	3.05	3.05	100	1.69	55							
																					194.16	197.21	3.05	3.05	100	1.14	37							
																					197.21	200.26	3.05	3.05	100	1.66	54							
																					200.26	203.30	3.04	3.04	100	2.31	76							
																					203.30	206.35	3.05	3.05	100	2.43	80							
									208.51 - 212.45 m Qz rich QMPH. 1-2% po and py in blebs upto 3 mm across and as trace di. Moderate to strong Fo, depending on qz content.											206.35	212.45	6.10	6.10	100	2.62	43							
																					212.45	215.50	3.05	3.05	100	1.93	63							
																					215.50	218.54	3.04	3.04	100	1.98	64							
																					218.54	221.59	3.05	3.05	100	2.54	83							
																					221.59	224.64	3.05	3.05	100	2.02	66							
FO	80	223.04	230.42		DIOR	Tg	FO	FG	LT GN DIOR. Weak to moderate Fo. Some partings along Fo. Strong car alteration and moderate chl alteration. Trace 102 mm blebs of by throughout. 21 cm well Fo qz rich interval. Parting surfaces commonly exhibit mu. Also contains py blebs. Similar interval over 38 cm at 224.64 m.											224.64	227.69	3.05	3.05	100	1.93	63							
																					227.69	230.73	3.04	3.04	100	1.25	41							
		230.43	233.78		QMPG and QGPH	DMv or DMph	FO		Intercalated bands of QMPH (Dominates first half of interval) and QGPH with QGPH bands thickening and beginning to dominate over the last half of the interval. Both are typical. Moderate to strong Fo. Po more common in QMPH. QMPH can be quite qz rich locally. Also locally developed crenulation clevage. EOH 233.78 m											230.73	233.78	3.05	3.05	100	0.84	28							

PROJECT - MARG

PROPERTY: MARG

HOLE: DDH-07-107

Easting	Northing	Elev.	Depth (m)
525897.764	7098025.281	1463.758	389.23

Contractor: Caron Diamond Drilling Ltd.
Drill: Longyear D-38

Core size: HQ/NQ
Cassing depth: 3.65 (m) in/**out**

Drilling dates: September 15 - 28, 2007

Logged by: Ben Gelber

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	5	-70	Brunton	245.97	-	57.45	Acid
61.56	-	65.45	Acid				
121.62	-	63.15	Acid				
182.88	-	61	Acid				

Target: Massive sulphide D Horizon

SUMMARY

From (m)	To (m)	Interval	Unit	Coments
193.24	341.43	148.19	QGPH	
341.43	345.40	3.97	QMPH	
345.40	346.06	0.66	SUMS	MA FG Py, Cp, Po, Sp, Ga
346.06	347.93	1.87	QMPH	
347.93	348.12	0.19	SUMS	MA Py w/ minor Cp, Po, Sp, Ga
348.12	356.30	8.18	QMPH	Minor Di Py and Cp (1-2%)
356.30	357.45	1.15	SUSM	Semi-MA Sx as bandsto 15cm in QMPH
357.45	389.23	31.78	QMPH	

SAMPLES

Numbers: C487602 - C487620

Total: 19
Date sent: September 30, 2007

COMMENTS

Intersected D horizon.

PROPERTY: MARG **HOLE:** DDH-07-107

Struct.		LITHOLOGY								ALT.			MINERALS				SAMPLES									Blocks			GEOTECHNICAL						JOINTS					
																													REC		RQD									
Type	Altitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:								From (m)	To (m)	Interval (m	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weatherin	Hardness	Frequency	Altitude	Shape	Roughnes	Infilling
		0.00	6.71	6.71	OVB				OVB																	0.00	4.87	4.87	1.74	36	0.00	0							
																										4.87	6.71	1.84	1.53	83	0.00	0							
FO	70	6.71	11.27	4.56	QMPH	DMv	FO		GY QMPH; very broken and weathered. Strong folding and FO. Contains WH Qz sweats and minor Gr. Oxidation on all FX surfaces. Strong tectonic fabric.	oxi			Qz	Gr												6.71	8.84	2.13	1.99	93	0.00	0							
																										8.84	9.75	0.91	0.74	81	0.00	0							
																										9.75	11.27	1.52	0.34	22	0.00	0							
FO	55	11.27	24.85	13.58	QGPH	DMph	FO		BK QGPH. Intensely folded w/ bands of Qz sweats separated by Gr LA. Medium ferroan carbonates assoc; very broken w/ occ. Small <10cm FLTs w/ BX and GO. Oxi alteration on FX surfaces. Strong tectonic fabric.	oxi														11.27	12.80	1.53	1.45	95	0.00	0							
																										12.80	13.87	1.07	0.98	92	0.00	0							
																										13.87	15.85	1.98	1.80	91	0.16	8							
									16.60-16.72 - FLT - w/ crushed rock and GO.																	15.85	17.68	1.83	1.25	68	0.00	0							
																										17.68	18.90	1.22	1.08	89	0.00	0							
																										18.90	20.12	1.22	1.05	86	0.00	0							
									20.68-21.02 - WH Qz vn or large sweat w/ assoc. FG Gr. Has been folded.																20.12	23.16	3.04	2.65	87	0.13	4							
																										23.16	24.38	1.22	1.05	86	0.00	0							
FO	45	24.85	29.04	4.19	QMPH	DMv	FO		GY-GN QMPH; strongly folded w/ strong tectonic FO. Intense Se and Mu separated by WH Qz sweats up to 3.0cm. Qz also augenized and sheared. Moderate Cb and Ak. Many fold noses visible. FO variable, averaging 45 deg. Unit becomes GY in colour toward footwall.	car			Se	Qz	Ak	Cb												24.38	24.99	0.61	0.58	95	0.28	46							
																										24.99	26.52	1.53	1.57	103	0.51	33							
																										26.52	28.04	1.52	1.39	91	0.74	49							
FO	45	29.04	32.45	3.41	QGPH	DMph	FO		BK and DK GY QGPH; strongly folded and FO. Strong crenulations w/ Qz sweats up to 5.0cm.Moderate Gr and bands of QZIT w/ moderate Cb and Ak. Strong tectonic FO at 45 deg.				Gr	Qz	Ak	Cb										28.04	31.09	3.05	2.84	93	0.81	27							
																										31.09	32.61	1.52	1.50	99	0.18	13							
FO	70	32.45	37.02	4.57	QZIT	Mq	FO		GY QZIT; moderate tectonic fabric w/ thin (<1cm) Qz sweats and bands of QGPH up to 10cm. Frequency of QGPH increases toward bottom of unit.				Qz	Gr										32.61	34.14	1.53	1.14	75	0.20	13							
																										34.14	36.27	2.13	1.53	72	0.54	25							
																										36.27	37.80	1.53	1.52	99	0.00	0							
FO	70	37.02	39.01	1.99	FLT	DMph			FLT; very broken, crushed rock and GO. Within the QGPH unit.															37.80	39.01	1.21	0.89	74	1.00	83							
FO	70	39.01	46.16	7.15	QMPH	DMv	FO		GY QMPH; strongly folded w/ strong tectonic fabric and FO. Contains abundant Qz as WH sweats and Mu w/ LA of Gr and trace Cb. QZIT rich near hanging wall.				Qz	Mu	Gr	Cb								39.01	40.24	1.23	0.97	79	0.00	0							
																										40.24	40.84	0.60	0.60	99	0.13	22							
																										40.84	41.30	0.46	0.48	104	0.00	0							
																										41.30	42.67	1.37	1.20	88	0.00	0							
																										42.67	43.28	0.61	0.86	141	0.00	0							
																										43.28	44.81	1.53	1.45	95	0.00	0							
																										44.81	46.33	1.52	1.72	113	0.00	0							
FO	45	46.16	64.27	18.11	QZIT	Mq	FO		Mixed unit of QZIT and QGPH; strongly folded bands of QZIT interbedded with equal QGPH bands. QZIT is recrystallized and SH w/ strong tectonic fabric. Vt's of WH Qz xcut QZIT. QGPH is strongly folded and FO. Qz sweats to 2cm. Minor Py (<1%). Unit is broken locally w/ minor FLTs <5cm in Gr rich bands. FO 45 deg.				Qz	Gr	Py									46.33	47.85	1.52	1.70	112	0.52	34							
																										47.85	49.38	1.53	1.64	107	0.00	0							

PROPERTY: MARG **HOLE:** DDH-07-107

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	ALT.	MINERALS	SAMPLES From (m)	To (m)	Interval (m)	Sample	Cu (%)	Zn (%)	Pb(%)	Ag (%)	Au (%)	Blocks From (m)	To (m)	Intvl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weatherin	Hardness	JOINTS Frequency	Attitude	Shape	Roughnes	Infilling
																					49.38	50.90	1.52	1.72	113	0.77	51								
																					50.90	52.42	1.52	1.66	109	0.00	0								
																					52.42	53.95	1.53	1.71	112	0.00	0								
																					53.95	55.47	1.52	1.55	102	0.00	0								
																					55.47	57.00	1.53	1.75	114	0.40	26								
																					57.00	57.91	0.91	1.50	165	0.44	48								
																					57.91	59.44	1.53	1.71	112	0.18	12								
																					59.44	60.35	0.91	0.96	105	0.24	26								
																					60.35	61.57	1.22	1.29	106	0.21	17								
																					61.57	63.09	1.52	1.61	106	0.45	30								
																					63.09	64.62	1.53	1.74	114	0.88	58								
FO	70	64.27	74.48	10.21	QGPH	DMph	FO		BK QGPH; strongly folded and FO. WH Qz sweats up to 3cm. Py as sub-euhedral xtals up to 2mm (<1%). Unit becomes mixed w/ bands of QZIT near footwall.		Qz Gr Py									64.62	66.14	1.52	1.66	109	0.75	49								
																					66.14	67.67	1.53	1.57	103	1.06	69								
																					67.67	69.19	1.52	1.65	109	1.04	68								
																					69.19	70.41	1.22	1.34	110	0.88	72								
																					70.41	73.76	3.35	3.60	107	2.07	62								
FO	50	74.48	90.18	15.70	QMPH	DMv	FO		GY QMPH; bands of QGPH and QZIT. Strongly folded w/ tectonic FO at 50 deg. Predominantly QMPH w/ bands of QGPH (up to 30cm) near top of unit and bands of QZIT throughout. WH Qz as sweats up to 5cm w/ minor assoc. Cb and Cl. Py FG assoc. w/ QGPH		Qz Cb Cl Py									73.76	79.86	6.10	2.63	43	1.20	20								
									81.32-81.60 - FLT - crushed rock, BX and GO. Minor lost recovery.												79.86	82.91	3.05	3.04	100	0.00	0								
																					82.91	85.95	3.04	3.18	105	0.85	28								
									85.05-85.76 - GY QZIT; recrystallized w/ WH Qz vt's xcuting.												85.95	89.00	3.05	3.36	110	1.12	37								
FO	60	90.18	103.82	13.64	QGPH	DMph	FO		BK QGPH; strongly folded with strong tectonic FO. Bands of BK Gr w/ WH Qz sweats up to 2.0cm. Also xcut by vn's of WH barren Qz. Minor Cb and 1-2% sub-euhedral Py. FO varies, avg. 60 deg.		Gr Qz Cb Py									89.00	92.05	3.05	3.52	115	0.98	31								
																					92.05	95.01	2.96	3.15	106	0.97	33								
																					95.01	96.62	1.61	1.69	105	0.40	25								
																					96.62	98.15	1.53	1.58	103	0.47	31								
																					98.15	99.67	1.52	1.64	108	0.29	19								
																					99.67	101.19	1.52	1.91	126	0.25	16								
																					101.19	102.72	1.53	1.37	90	0.66	43								
		103.82	108.50	4.68	FLT				FLT; large FLT and associated broken section. Crushed rock, BX and Go. Poor recovery.												102.72	105.77	3.05	1.86	61	0.20	7								
																					105.77	107.29	1.52	1.61	106	0.25	16								
																					107.29	108.81	1.52	1.35	89	0.00	0								
FO	50	108.50	127.20	18.70	QGPH	DMph	FO		BK QGPH; very folded and FO. Contains sheared WH Qz sweats as interconnected stretched bands or lensoid units. Strongly Gr w/ assoc. minor Cb and increasing amounts of Py as sub-euhedral phencrysts up to 0.5cm. Unit contains subunits of QMPH and QZIT. FO varies throughout unit avg. 50 deg.		Gr Qz Py Cb									108.81	111.25	2.44	2.80	115	1.16	48								
																					111.25	113.69	2.44	3.25	133	0.42	17								
									113.10-116.68 - QZIT; DK GY QZIT. Strongly folded and recrystallized w/ WH Qz sweats as stretched bands. Occ. As xcitting vt's. contains 5cm GY carb band at FW of unit.												113.69	114.91	1.22	1.24	102	0.44	36								
																					114.91	117.96	3.05	1.91	63	0.56	18								
																					117.96	119.79	1.83	1.67	91	0.32	17								
																					119.79	121.62	1.83	2.17	119	0.43	23								

PROPERTY: MARG **HOLE:** DDH-07-107

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	LITHOLOGY To (m)	LITHOLOGY Interval (m)	LITHOLOGY Type	LITHOLOGY Unit	LITHOLOGY Texture	LITHOLOGY Modifier	Notes:	ALT.	MINERALS	SAMPLES From (m)	SAMPLES To (m)	SAMPLES Interval (m)	SAMPLES Sample	SAMPLES Cu (%)	SAMPLES Zn (%)	SAMPLES Pb(%)	SAMPLES Ag (%)	SAMPLES Au (%)	Blocks From (m)	Blocks To (m)	Blocks Intvl. (m)	GEOTECHNICAL REC (m)	GEOTECHNICAL REC Percent	GEOTECHNICAL RQD (m)	GEOTECHNICAL RQD Percent	GEOTECHNICAL Weatherin	GEOTECHNICAL Hardness	JOINTS Frequency	JOINTS Attitude	JOINTS Shape	JOINTS Roughness	JOINTS Infilling
									121.62-125.93 - QGPH w/ strong vuggy texture. Appears to be a section of previously car rich QGPH from which the Cb has been dissolved by fluids.											121.62	123.60	1.98	2.10	106	0.26	13								
																					123.60	125.73	2.13	1.80	85	0.36	17								
																					125.73	127.00	1.27	1.12	88	0.00	0								
		127.20	131.37	4.17	FLT				FLT; large broken FLT zone w/ broken rock, crushed rock and GO. Poor recovery.												127.00	130.15	3.15	2.04	65	0.00	0								
FO	45	131.37	140.50	9.13	QMPH	DMv	FO		GY QMPH; strongly folded w/ strong FO. WH Qz sweats separating bands of Mu and Se w/ minor Gr and trace FG Py. Occ. Band of QGPH up to 10cm. FO at 45 deg.		Qz Mu Gr Py										130.15	133.19	3.04	3.64	120	0.40	13								
																					133.19	136.25	3.06	3.17	104	1.90	62								
																					136.25	139.29	3.04	3.09	102	1.04	34								
FO	50	140.50	186.00	45.50	QGPH	DMph	FO		BK QGPH; stronly folded and FO. WH Qz sweats as stretched bands and lenses and augenized bodies. Minor Cb assoc. w/ Qz sweats. Contains 1-3% DI Py as sub-euhedral xtals up to 1.0cm. Unit is very broken w/ occ. Small FLT's (<10cm) occ. Xcutting Qz vn's or large sweats up to 30 cm. occ. bands of QMPH.		Gr Qz Cb Py										139.29	142.34	3.05	3.63	119	0.61	20								
																					142.34	145.39	3.05	3.44	113	1.35	44								
																					145.39	148.44	3.05	3.30	108	1.39	46								
																					148.44	151.49	3.05	2.61	86	0.37	12								
																					151.49	154.33	2.84	3.65	129	0.26	9								
																					154.33	155.76	1.43	1.00	70	0.00	0								
									155.10-156.20 - GY QMPH. Same as above.												155.76	157.89	2.13	1.36	64	0.00	0								
																					157.89	160.02	2.13	1.68	79	0.00	0								
																					160.02	161.84	1.82	0.80	44	0.00	0								
																					161.84	163.67	1.83	0.72	39	0.00	0								
																					163.67	164.90	1.23	0.43	35	0.00	0								
																					164.90	166.42	1.52	1.27	84	0.00	0								
																					166.42	169.77	3.35	2.81	84	0.65	19								
																					169.77	170.99	1.22	1.30	107	0.29	24								
																					170.99	172.52	1.53	1.33	87	0.35	23								
																					172.52	173.43	0.91	0.65	71	0.00	0								
																					173.43	174.65	1.22	1.45	119	0.25	20								
																					174.65	177.09	2.44	2.39	98	0.50	20								
																					177.09	179.57	2.48	1.46	59		0								
																					179.57	181.97	2.40	2.12	88	0.64	27								
																					181.97	184.10	2.13	2.18	101	0.68	31								
																					184.10	185.90	1.80	1.73	96	0.36	20								
FO	50	186.00	193.24	7.24	QMPH	DMv	FO		GY QMPH; strongly folded and FO. Bands of Se and Mu separated by WH Qz sweats, elongated and stretched. Weak Cb. Unit is quite broken w/ strong tectonic FO at 50 deg.		Se Mu Qz Cb										185.90	188.06	2.16	2.02	94	0.00	0								
																					188.06	191.12	3.06	3.34	109	0.00	0								
																					191.12	192.33	1.21	1.40	116	0.12	10								
FO	45	193.24	341.43	148.19	QGPH	DMph	FO		BK QGPH; stronly folded and FO. Bands of BK Gr w/ WH Qz sweats as stretched bands and lenses and augenized masses. Minor Cb assoc. w/ Qz sweats. Contains 1-3% DI Py as sub-euhedral xtals up to 1.0cm assoc. w/ Gr. Locally very broken, occ. Xcutting barren WH Qz vn's or large sweats. bands of QMPH up to 10cm.		Gr Qz Cb Py										192.33	154.46	-37.87	2.12	-6	0.00	0								
																					154.46	198.73	44.27	4.17	9	0.16	0								
																					198.73	200.86	2.13	1.48	69	0.34	16								
																					200.86	203.30	2.44	2.76	113	0.13	5								
																					203.30	206.09	2.79	3.00	108	0.82	29								
																					206.09	208.48	2.39	2.50	105	0.58	24								

PROPERTY: MARG **HOLE:** DDH-07-107

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	LITHOLOGY To (m)	LITHOLOGY Interval (m)	LITHOLOGY Type	LITHOLOGY Unit	LITHOLOGY Texture	LITHOLOGY Modifier	Notes:	ALT.	MINERALS	SAMPLES From (m)	SAMPLES To (m)	SAMPLES Interval (m)	SAMPLES Sample	SAMPLES Cu (%)	SAMPLES Zn (%)	SAMPLES Pb(%)	SAMPLES Ag (%)	SAMPLES Au (%)	Blocks From (m)	Blocks To (m)	Blocks InVL (m)	GEOTECHNICAL REC (m)	GEOTECHNICAL REC Percent	GEOTECHNICAL RQD (m)	GEOTECHNICAL RQD Percent	Weatherin	Hardness	JOINTS Frequency	JOINTS Attitude	JOINTS Shape	JOINTS Roughnes	JOINTS Infilling
									209.33-212.33 - GY QMPH; strongly folded and FO 45 deg. Bands of Se and Mu w/ WH Qz sweats. Weak Cb and trace Py.													208.48	211.23	2.75	3.59	131	0.29	11								
																					211.23	212.49	1.26	2.47	196	0.14	11								
																					212.49	215.49	3.00	2.60	87	0.00	0								
																					215.49	218.54	3.05	2.59	85	0.67	22								
																					218.54	221.59	3.05	3.48	114	0.81	27								
																					221.59	224.64	3.05	3.53	116	1.30	43								
									223.99-225.74 - GY QMPH; same as above.												224.64	227.69	3.05	3.40	111	2.85	93								
																					227.69	230.73	3.04	3.44	113	2.10	69								
																					230.73	233.78	3.05	3.00	98	0.82	27								
																					233.78	237.83	4.05	1.79	44	1.26	31								
																					237.83	237.88	0.05	4.76	9580	0.58	1160								
																					237.88	242.32	4.44	2.59	58	1.94	44								
																					242.32	244.75	2.43	2.60	107	1.13	47								
																					244.75	245.97	1.22	1.31	107	1.00	82								
																					245.97	249.02	3.05	2.36	77	0.38	12								
FO	45								248.87-249.84 - GY GN DIOR; strong tectonic FO and strong chl and car alteration. Xcut by WH Qz vn's up to 5cm. FO 45 deg.													249.02	250.05	1.03	1.73	168	0.10	10								
																					250.05	252.68	2.63	2.29	87	0.25	10								
									253.40-253.70 - GN DIOR same as above												252.68	255.12	2.44	2.43	100	0.32	13								
									254.10-254.53 - GN DIOR same as above												255.12	258.17	3.05	2.82	92	1.09	36								
																					258.17	260.30	2.13	1.37	64	1.28	60								
																					260.30	263.35	3.05	2.92	96	0.12	4								
																					263.35	266.09	2.74	2.73	100	1.37	50								
																					266.09	266.22	2.13	2.06	97	0.73	34								
																					266.22	271.27	3.05	3.14	103	0.19	6								
																					271.27	274.34	3.07	3.32	108	2.39	78								
																					274.34	276.15	1.81	2.06	114	2.19	121								
																					276.15	279.50	3.35	2.98	88	0.93	28								
																					279.50	282.55	3.05	2.19	72	2.14	70								
									283.93-310.40 - BK QGPH. This portion of unit is very broken and may be a large FLT zone.												282.55	285.60	3.05	3.18	105	0.73	24								
																					285.60	288.65	3.05	2.89	95	0.49	16								
																					288.65	291.69	3.04	2.72	89	0.00	0								
																					291.69	294.74	3.05	3.03	99	0.30	10								
																					294.74	297.79	3.05	2.75	90	0.48	16								
																					297.79	303.89	6.10	2.14	35	0.10	2								
																					303.89	306.93	3.04	2.65	87	0.13	4								
																					306.93	309.98	3.05	2.78	91	0.52	17								
																					309.98	310.89	0.91	1.85	203	0.00	0								
																					310.89	313.03	2.14	3.05	143	1.45	68								
																					313.03	315.62	2.59	3.20	124	1.05	41								
																					315.62	318.36	2.74	2.72	99	1.00	36								
																					318.36	319.74	1.38	0.62	45	0.12	9								
																					319.74	322.78	3.04	2.95	97	0.43	14								
																					322.78	325.83	3.05	3.20	105	1.80	59								
																					325.83	328.27	2.44	2.61	107	2.21	91								
																					328.27	331.32	3.05	3.23	106	0.84	31								
																					331.32	333.45	2.13	2.55	120	0.00	0								
																					333.45	336.50	3.05	2.81	95	0.76	25								
									336.12-337.47 - GY QMPH. Strongly folded and FO. Bands of Se and Mu w/ WH Qz sweats and minor FG Py.		Se Mu Qz Py	343.90	345.40	1.50	C487602						336.50	338.94	2.44	2.84	116	0.62	25								
												354.40	356.06	1.66	C487603						338.94	340.77	1.83	1.22	67	0.37	20								
FO	50	341.43	345.40	3.97	QMPH	DMv	FO		GY QMPH; very folded and FO. Bands of Mu and Se separated by WH Qz sweats. Fine LA of Gr. Xcut by Qz vn's w/ minor Cb and Cl. Bands of Di Py w/ trace Cp increasing toward bottom of unit.		Py Cp Po	QUARTER		1.66	C487604						340.77	342.90	2.13	2.48	116	0.26	12								
												BLANK			C487605						342.90	343.97	1.07	0.89	83	0.00	0								

PROPERTY: MARG **HOLE:** DDH-07-107

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	LITHOLOGY To (m)	LITHOLOGY Interval (m)	LITHOLOGY Type	LITHOLOGY Unit	LITHOLOGY Texture	LITHOLOGY Modifier	Notes:	ALT.	MINERALS	SAMPLES From (m)	SAMPLES To (m)	SAMPLES Interval (m)	SAMPLES Sample	SAMPLES Cu (%)	SAMPLES Zn (%)	SAMPLES Pb(%)	SAMPLES Ag (%)	SAMPLES Au (%)	Blocks From (m)	Blocks To (m)	Blocks Intvl. (m)	GEOTECHNICAL REC (m)	GEOTECHNICAL REC Percent	GEOTECHNICAL RQD (m)	GEOTECHNICAL RQD Percent	GEOTECHNICAL Weatherin	GEOTECHNICAL Hardness	JOINTS Frequency	JOINTS Attitude	JOINTS Shape	JOINTS Roughnes	JOINTS Infilling
FO	50	345.40	346.06	0.66	SUMS				Massive banded Py, Cp, Po, Sp, and Ga. Contains thin bands of QMPH Gangue.		Py Cp Po Sp	STANDARD			C487606						343.87	346.56	2.59	3.12	120	1.69	65							
FO	50	346.06	347.93	1.87	QMPH	DMv	FO		GY QMPH; folded and FO. Bands of Se and Mu separated by WH Qz sweats and fine LA of Gr. Xcut by WH Qz vn's (<5cm) w/ minor Cb. No visible Sx.		Mu Se Qz Gr	346.06	347.00	0.94	C487607						346.56	349.61	3.05	3.33	109	1.52	50							
FO	65	347.93	348.12	0.19	SUMS				Massive FG Py w/ minor Cp and Po. Banded w/ thin laminations of gangue		Py Cp Po	347.00	347.93	0.93	C487608						349.61	352.65	3.04	3.53	116	1.01	33							
FO	75	348.12	356.30	8.18	QMPH	DMv	FO		GY QMPH; folded and FO. Bands of Se and Mu separated by WH Qz sweats and fine LA of Gr. Occ. Bands of Py w/ minor Cp up to 1cm.		Mu Qz Py Cp	347.93	348.53	0.60	C487609						352.65	355.70	3.05	3.13	103	0.52	17							
FO	75	356.30	357.45	1.15	SUSM	DMv	FO		Semi-massive Sx as frequent bands up to 15cm in QMPH gangue. Unit consists of ~17 bands of Py, Cp, Po, Sp and Ga averaging ~3cm.		Py Cp Po Sp	348.53	350.00	1.47	C487610						355.70	358.75	3.05	3.16	104	1.86	61							
FO	75	357.45	389.23	31.78	QMPH	DMv	FO		GY-GN QMPH. Strongly folded and FO. Bands of Mu and Se w/ WH Qz sweats and minor assoc Cb. Thin LA of Py w/ trace Cp near hanging wall contact. Frequently xcut by vn's or sweats? Of WH Qz w/ Do. Unit is locally Cl rich and contains occ. Small FLT's.			350.00	351.50	1.50	C487611						358.75	361.80	3.05	3.20	105	0.50	16							
									358.70-358.85 - FLT - small FLT w/ crushed rock and GO. Lost recovery.			351.50	353.00	1.50	C487612						361.80	364.85	3.05	3.35	110	3.56	117							
												353.00	354.50	1.50	C487613						364.85	367.89	3.04	3.30	109	3.26	107							
												354.50	355.40	0.90	C487614						367.89	370.94	3.05	3.08	101	0.00	0							
												355.40	356.30	0.90	C487615						370.94	373.54	2.60	2.82	112	0.27	10							
												356.30	357.45	1.15	C487616						373.54	375.51	1.97	1.95	99	0.16	8							
												BLANK			C487617						375.51	377.34	1.83	1.80	98	0.00	0							
									378.36-378.64 - BK QGPH; strongly graphitic w/ Qz sweats.			STANDARD			C487618						377.34	379.78	2.44	1.91	78	0.52	21							
												357.45	358.95	1.50	C487619						379.78	381.91	2.13	1.98	93	0.18	8							
												358.95	360.45	1.50	C487620						381.91	383.49	1.58	1.50	95	0.00	0							
																					383.49	384.66	1.17	1.09	93	0.00	0							
																					384.66	386.79	2.13	2.00	94	0.98	46							
									EOH 389.23m												386.79	389.23	2.44	2.24	92	0.00	0							

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

Finalized: 2-NOV-2007
Account: MARPRO

CERTIFICATE VA07116450

Project: MARG

P.O. No.:

This report is for 61 Rock samples submitted to our lab in Vancouver, BC, Canada on 3-OCT-2007.

The following have access to data associated with this certificate:

STEWART FUMERTON	JOAN MARIACHER	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

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

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

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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

Project: MARG

Finalized Date: 2-NOV-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07116450

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
C487560		1.68	<0.005	0.08	0.79	0.7	<0.2	<10	440	0.35	0.52	0.62	0.08	36.5	2.6	3
C487561		1.76	<0.005	0.08	0.7	0.2	<0.2	<10	380	0.31	0.47	0.48	0.07	44.8	2.7	2
C487562		1.66	<0.005	0.13	0.55	5.8	<0.2	<10	280	0.3	0.42	0.71	0.08	36.5	1.9	3
C487563		1.72	<0.005	0.06	1.45	2.6	<0.2	<10	280	0.37	0.17	0.85	0.09	60.9	8.3	6
C487564		1.84	<0.005	0.16	0.64	0.5	<0.2	<10	560	0.37	0.57	0.48	0.08	48.4	2.5	3
C487565		1.66	<0.005	0.14	0.64	2.2	<0.2	<10	350	0.29	0.45	0.85	0.14	23.6	2.9	3
C487566		1.68	<0.005	0.05	0.52	2.5	<0.2	<10	210	0.22	0.38	2.12	0.04	18.45	1.9	3
C487567		1.72	<0.005	0.07	0.66	1.7	<0.2	<10	340	0.24	0.45	1.4	0.04	29	2.4	3
C487568		0.66	<0.005	0.02	0.07	10	<0.2	<10	20	0.05	0.02	20.2	0.11	2.03	0.7	2
C487569		0.16	0.829	67.4	0.71	37.6	1.1	<10	10	0.05	56.7	0.89	71.6	6.47	120	29
C487570		1.74	0.005	0.07	0.65	3	<0.2	<10	50	0.2	0.33	0.85	0.06	15.6	1.8	3
C487571		1.72	<0.005	0.06	0.66	3.6	<0.2	<10	60	0.3	0.61	0.88	0.07	40.6	2.2	3
C487572		1.70	<0.005	0.06	0.58	3.3	<0.2	<10	50	0.21	0.32	0.49	0.03	16.65	1.9	3
C487573		1.74	<0.005	0.05	0.69	7.2	<0.2	<10	40	0.27	0.45	0.91	0.07	33.4	2	3
C487574		1.70	<0.005	0.06	1.49	0.9	<0.2	<10	270	0.37	0.35	1.22	0.06	48.9	5.7	6
C487575		1.70	0.007	0.06	0.93	7.5	<0.2	<10	180	0.29	0.51	0.79	0.08	45.1	2.8	3
C487576		1.72	0.005	0.06	2.21	9.5	<0.2	<10	230	0.36	0.25	1.15	0.09	47.6	8.2	8
C487577		1.32	<0.005	0.23	5.93	1	<0.2	<10	100	0.24	2.14	1.71	0.08	42.6	14.7	11
C487578		1.74	<0.005	0.44	1.77	43.3	<0.2	<10	140	0.32	0.93	2.35	0.56	44.8	16	16
C487579		0.50	<0.005	0.02	0.16	6	<0.2	<10	10	0.05	0.04	20.5	0.1	2.69	0.9	1
C487580		0.14	0.912	61.7	0.68	38.2	0.7	<10	10	0.05	52.6	0.85	74.4	7.46	104.5	27
C487581		1.96	0.007	0.18	1.95	127	<0.2	<10	300	0.4	0.76	1.91	0.23	47.4	17.1	12
C487582		1.76	<0.005	0.07	1.35	3.9	<0.2	<10	200	0.39	0.29	1.32	0.39	47.1	11.6	7
C487583		1.74	<0.005	0.06	1.97	0.5	<0.2	<10	430	0.38	0.24	2.54	0.12	56	11.1	8
C487584		1.74	<0.005	0.09	0.88	1.3	<0.2	<10	250	0.28	0.2	2.03	0.25	27.5	8.8	7
C487585		1.72	<0.005	0.05	2.06	2.1	<0.2	<10	120	0.48	0.26	1.79	0.11	54.6	11	5
C487586		2.18	0.007	0.1	0.75	264	<0.2	<10	60	0.39	0.23	0.51	0.57	37	12.1	7
C487587		1.68	<0.005	0.1	1.74	6.6	<0.2	<10	110	0.46	0.22	1.64	0.15	57.1	14	6
C487588		1.70	<0.005	0.1	2.16	2	<0.2	<10	300	0.36	0.29	1.72	0.09	54.7	11	8
C487589		0.86	<0.005	0.01	0.06	2	<0.2	<10	20	0.06	0.01	20.2	0.14	2.72	1	1
C487590		0.14	0.978	64.3	0.68	35.9	0.5	<10	10	0.08	48.9	0.89	77.1	7.84	115	28
C487591		1.74	0.012	0.16	2.63	0.1	<0.2	<10	170	0.44	0.32	1.25	0.23	76.4	12.8	11
C487592		1.66	<0.005	0.07	1.05	20.5	<0.2	<10	230	0.32	0.19	1.13	0.29	30.6	8.4	9
C487593		1.86	<0.005	0.07	2.37	0.3	<0.2	<10	160	0.4	0.2	0.82	0.12	56.6	13.3	8
C487594		1.86	<0.005	0.07	1.36	0.9	<0.2	<10	80	0.38	0.29	1.38	0.13	40	10.2	6
C487595		1.72	<0.005	0.09	1.42	0.1	<0.2	<10	100	0.34	0.24	0.33	0.18	59.1	13.3	10
C487596		1.76	<0.005	0.08	1.54	37.6	<0.2	<10	180	0.34	0.28	0.98	0.41	44.9	10.6	8
C487597		1.66	0.005	0.05	2.15	0.3	<0.2	<10	430	0.35	0.18	0.77	0.06	70.7	7.8	9
C487598		1.76	<0.005	0.07	2.27	1.3	<0.2	<10	190	0.37	0.25	0.64	0.06	63.1	9.3	8
C487599		0.80	<0.005	0.01	0.09	8	<0.2	<10	30	0.05	0.01	20.6	0.15	3.58	1.1	1

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

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

Project: MARG

Finalized Date: 2-NOV-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07116450

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
C487560		0.43	6.9	0.7	2.65	0.06	0.32	0.02	0.012	0.54	17.9	7.8	0.21	116	0.49	0.02
C487561		0.22	6	0.73	2.32	0.07	0.28	<0.01	0.01	0.5	22.8	7.2	0.21	104	0.54	0.01
C487562		0.2	5.1	0.85	2.11	0.06	0.23	<0.01	0.011	0.43	18.5	4.1	0.12	177	0.49	0.03
C487563		1.49	11.8	3.29	5.7	0.12	0.18	<0.01	0.017	0.49	31.2	13.2	0.67	281	0.87	0.03
C487564		0.18	7.7	0.85	2.33	0.07	0.19	<0.01	0.009	0.47	24.5	4.8	0.1	148	0.45	0.03
C487565		0.2	6.5	0.98	1.99	0.05	0.12	0.01	0.009	0.45	12.1	6.6	0.26	155	1.26	0.01
C487566		0.14	3.2	1.47	1.67	0.05	0.08	0.01	0.007	0.37	9.2	3.2	0.05	329	0.54	0.03
C487567		0.32	5.2	1.14	1.96	0.05	0.12	0.01	0.007	0.44	14.2	6.4	0.14	194	0.83	0.02
C487568		0.1	1.8	0.09	0.24	0.14	<0.02	<0.01	<0.005	0.03	1.4	1.5	11.2	131	0.07	0.01
C487569		0.19	>10000	29.3	6.9	0.87	0.08	0.98	1.33	0.07	3.4	2.3	1.1	561	10.7	0.01
C487570		0.17	7.3	2.23	1.73	0.05	0.24	0.01	0.012	0.4	7.4	3.6	0.05	71	0.93	0.01
C487571		0.24	5.8	1.95	2.18	0.06	0.16	0.02	0.009	0.4	19.9	7	0.08	91	0.69	0.03
C487572		0.16	4.9	2.61	1.65	0.05	0.35	0.02	0.008	0.37	8.1	3.3	0.05	31	0.88	0.01
C487573		0.5	4.4	2.84	2.12	0.07	0.14	0.01	0.008	0.41	16	7.2	0.21	116	1.02	0.02
C487574		0.43	8.8	2.54	4.59	0.08	0.17	0.01	0.013	0.38	24.7	23.6	0.96	178	1.14	0.01
C487575		0.35	6.8	1.77	2.76	0.07	0.15	0.01	0.011	0.35	22.8	13.8	0.7	213	1.03	0.01
C487576		0.44	10.8	4.24	7.18	0.11	0.19	0.01	0.022	0.32	24.7	35.5	1.58	268	1.24	0.02
C487577		0.42	59.1	7.27	18.65	0.18	0.18	0.04	0.02	0.14	22.2	151.5	6.42	1415	0.77	<0.01
C487578		0.57	75.9	3.99	4.57	0.1	0.08	0.25	0.015	0.36	22.6	29.2	1.3	1130	0.46	0.02
C487579		0.06	3.1	0.18	0.49	0.09	<0.02	<0.01	<0.005	0.02	1.7	3.7	11.7	96	0.09	0.01
C487580		0.23	>10000	29	6.67	0.76	0.09	1.11	1.38	0.07	3.8	2.2	1.05	531	11.45	0.02
C487581		0.87	87.6	4.54	5.93	0.1	0.12	0.04	0.027	0.38	23	37	1.18	728	1.11	0.04
C487582		0.75	21.9	3.48	4.46	0.08	0.18	0.06	0.021	0.3	23.6	29	0.63	382	2.01	0.05
C487583		0.72	14.1	3.61	6.51	0.1	0.21	0.02	0.022	0.27	27.6	56.2	1.12	512	0.96	0.04
C487584		0.64	15.4	3.76	2.96	0.08	0.14	0.03	0.017	0.23	14.1	18.1	0.56	523	4.78	0.04
C487585		0.87	12.3	4.92	7.08	0.11	0.2	0.02	0.026	0.32	27.4	56.1	1.2	398	0.72	0.05
C487586		0.61	31.5	4.89	2.3	0.1	0.19	0.08	0.028	0.22	18.7	15.6	0.33	120	10.9	0.04
C487587		0.85	14.8	6.66	6.43	0.13	0.14	0.03	0.029	0.31	28.3	43.1	1.12	398	1.21	0.06
C487588		0.64	11.9	4.88	7.66	0.1	0.15	0.01	0.024	0.24	27.4	54.4	1.47	387	0.69	0.03
C487589		0.06	2.3	0.1	0.24	<0.05	<0.02	<0.01	<0.005	0.01	1.6	1.5	11.25	107	0.07	0.02
C487590		0.21	>10000	30.8	6.73	0.77	0.09	1.11	1.465	0.07	3.9	2.3	1.08	542	12	0.02
C487591		0.73	21.3	5.61	10.6	0.11	0.22	0.02	0.04	0.26	38	62.2	1.84	414	0.45	0.05
C487592		0.54	17.7	3.38	3.39	0.06	0.13	0.04	0.017	0.28	15.7	20.7	0.87	363	3.89	0.03
C487593		0.65	15.8	5.43	8.11	0.1	0.22	0.03	0.028	0.29	27.8	58.3	1.59	250	1.09	0.04
C487594		0.61	12.9	5.46	5.06	0.09	0.18	0.02	0.025	0.3	19.5	25.1	1.02	317	0.79	0.04
C487595		0.53	19.1	4.98	4.52	0.1	0.1	0.03	0.019	0.28	30	29.2	0.88	160	1.97	0.03
C487596		0.47	17.3	3.9	5.6	0.08	0.13	0.04	0.026	0.25	22.4	35.3	0.91	248	3.8	0.04
C487597		0.44	11	3.37	7.56	0.11	0.2	0.01	0.025	0.2	35.2	51.1	1.27	205	0.75	0.03
C487598		0.52	15.1	4.02	7.81	0.1	0.2	0.01	0.026	0.26	31.7	52.4	1.38	243	1.86	0.03
C487599		0.07	2.1	0.12	0.34	<0.05	<0.02	<0.01	<0.005	0.02	2.1	2	11.55	84	0.09	0.03

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

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

Project: MARG

Finalized Date: 2-NOV-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07116450

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
C487560		0.11	3.7	430	25.7	25.9	<0.001	0.29	0.42	0.9	0.2	0.9	75.8	<0.01	<0.01	14.3
C487561		0.08	4.2	400	22.3	23.5	<0.001	0.28	0.23	0.8	0.2	0.7	47.7	<0.01	<0.01	14.8
C487562		0.12	3.1	330	21.6	22.1	<0.001	0.48	0.21	0.8	0.3	0.9	58.3	<0.01	<0.01	10.5
C487563		0.55	7.4	990	16	29.1	<0.001	0.95	0.37	4.8	0.5	0.5	101.5	0.01	<0.01	11.5
C487564		0.15	4.6	390	32.2	22.4	0.001	0.36	0.12	0.9	0.3	0.9	63.1	<0.01	<0.01	13.3
C487565		0.1	5.9	380	30.2	17.1	<0.001	0.52	0.31	0.7	0.2	0.7	106.5	<0.01	<0.01	13
C487566		0.52	3.2	320	18.5	14.3	<0.001	1.48	0.21	0.7	0.4	0.8	124.5	<0.01	<0.01	8.7
C487567		0.29	4	370	20.2	17.1	<0.001	0.9	0.3	0.7	0.3	0.8	157	<0.01	<0.01	11.2
C487568		0.09	2.4	450	1.9	1	<0.001	0.01	0.13	0.5	0.2	<0.2	131	<0.01	0.01	0.3
C487569		0.36	15.7	100	2720	2.4	0.002	>10.0	8.18	0.9	62.4	6.7	2.8	<0.01	0.2	0.4
C487570		0.41	3	340	19.5	15	<0.001	2.45	0.34	0.7	0.2	0.8	66.5	0.01	<0.01	6.8
C487571		0.29	3.1	330	20	15.7	<0.001	2.08	0.33	0.8	0.3	0.9	138	<0.01	<0.01	11
C487572		0.62	3	380	16.8	13.7	<0.001	2.95	0.36	0.7	0.3	0.8	41.4	0.01	<0.01	7.2
C487573		0.26	3.3	400	20.3	16.7	<0.001	2.94	0.39	0.7	0.3	0.9	103	<0.01	<0.01	10.2
C487574		0.08	5.3	730	21.6	15.4	<0.001	0.91	0.45	2.5	0.4	0.5	129	<0.01	<0.01	13
C487575		0.1	4.2	390	22.1	14	<0.001	1.27	0.5	0.8	0.3	0.6	84.9	<0.01	<0.01	15.5
C487576		0.07	6.7	950	23.8	13.4	<0.001	1.3	0.49	4.7	0.4	0.3	98.6	<0.01	0.01	12.5
C487577		0.08	8.3	1320	52.4	5.8	<0.001	1.1	0.44	13.7	0.9	0.2	70.2	<0.01	0.05	13.2
C487578		0.14	29.8	420	202	15.3	<0.001	1.01	0.66	2.6	0.9	0.2	92.8	0.01	0.02	11.3
C487579		0.08	1.8	590	2.5	0.8	<0.001	0.03	0.12	0.7	0.3	<0.2	131.5	<0.01	0.01	0.4
C487580		0.51	16.3	70	2580	2.6	0.002	>10.0	8.94	0.9	65.3	7.2	3	<0.01	0.25	0.5
C487581		0.21	19.1	630	26.2	17.9	0.001	1.3	0.79	4.9	0.6	0.4	116.5	0.01	0.03	12.3
C487582		0.08	24	950	14	15	0.003	1.65	0.62	3.9	1	0.3	84.8	0.01	0.02	11.2
C487583		0.13	7	940	16.2	14.1	0.001	1.14	0.54	5.1	0.6	0.3	152.5	0.01	0.01	13.7
C487584		0.08	22.7	560	23.6	12.5	0.006	2	0.55	2.9	0.8	0.2	91.2	<0.01	0.02	6.8
C487585		0.12	7.5	770	14.6	18	<0.001	2.54	0.76	5.2	0.4	0.3	73.1	<0.01	0.02	13.4
C487586		0.09	41.2	490	21.9	11.7	0.017	3.75	2.85	2	2.3	0.2	31.6	<0.01	0.1	7.8
C487587		0.12	17.5	1050	17.9	16.1	0.001	3.39	1.03	5.5	0.6	0.3	80.8	<0.01	0.02	13.8
C487588		0.1	7.6	830	32.6	12.9	0.001	1.75	0.53	5	0.5	0.3	98.9	<0.01	0.02	13.4
C487589		0.05	1.4	580	1.3	0.6	0.001	0.04	0.12	0.6	<0.2	<0.2	115	<0.01	0.01	0.3
C487590		0.53	14.7	80	2630	2.5	0.002	>10.0	8.95	0.9	71	7.3	2.7	<0.01	0.25	0.4
C487591		0.08	9.9	1030	26.3	14.5	0.001	1.76	0.6	8.2	0.6	0.4	71.7	0.01	0.02	17.4
C487592		0.07	23.6	530	16.5	15.1	0.006	1.64	0.56	3	1	0.3	70.5	<0.01	0.02	8
C487593		0.09	9.5	1150	15.1	15.1	0.001	2.01	0.6	5.6	0.6	0.3	53.4	<0.01	0.03	14.6
C487594		0.1	7	800	23.9	15.7	0.001	2.63	0.6	4.5	0.3	0.3	86.2	<0.01	0.02	11.5
C487595		0.08	24.2	570	19.9	13.7	0.002	2.37	0.55	3	0.8	0.2	26.2	<0.01	0.03	13
C487596		0.07	16.1	660	21.9	12	0.006	1.71	0.74	4.3	0.7	0.3	57.3	<0.01	0.04	10.7
C487597		0.08	6.4	960	14.6	10.1	<0.001	0.48	0.43	4.6	0.4	0.3	58.9	<0.01	0.01	14.4
C487598		0.08	12.1	890	21.8	13.4	0.003	1.13	0.56	4.3	0.5	0.3	41.2	<0.01	0.01	14.5
C487599		0.05	1.9	330	1.7	0.9	<0.001	0.04	0.11	0.6	0.2	<0.2	122.5	<0.01	0.01	0.5

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

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

Project: MARG

Finalized Date: 2-NOV-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07116450

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	Pb-OG46	Zn-OG46
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Cu	Pb	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01	0.01
C487560		0.011	0.22	2.73	2	0.2	5.83	14	11			
C487561		0.008	0.19	2.69	2	0.1	6.17	19	10.5			
C487562		0.009	0.18	2.4	2	0.08	5.81	23	8.1			
C487563		0.076	0.24	0.32	12	0.28	7.76	65	7.9			
C487564		0.008	0.14	3.34	2	0.07	6.05	21	6.7			
C487565		0.006	0.15	3.4	2	0.09	5.15	30	4.6			
C487566		0.006	0.09	3.02	1	0.11	10.05	10	2.7			
C487567		0.007	0.16	3.51	1	0.12	8.44	9	4.2			
C487568		<0.005	<0.02	0.12	<1	0.12	2.58	8	<0.5			
C487569		0.01	11	0.08	8	0.75	1.52	>10000	3.3	1.52		3.03
C487570		0.006	0.11	2.67	1	0.11	7.26	36	7.8			
C487571		0.006	0.15	3.68	2	0.15	9	13	5.4			
C487572		0.007	0.1	3.59	1	0.2	8.75	8	11.3			
C487573		0.006	0.24	4.08	2	0.14	9.6	16	4.8			
C487574		0.005	0.12	1.91	6	0.08	9.81	46	5.8			
C487575		<0.005	0.2	3.55	2	0.08	8.04	22	4.9			
C487576		0.006	0.12	0.62	11	0.09	8.53	84	8.1			
C487577		0.009	0.08	0.68	35	0.09	7.38	207	8.1			
C487578		0.008	0.13	0.88	11	0.11	5.71	403	3.4			
C487579		<0.005	<0.02	0.09	<1	0.06	2.21	10	0.5			
C487580		0.01	12.15	0.1	9	0.73	1.74	>10000	3.7	1.56		3.10
C487581		0.014	0.28	0.7	19	0.08	6.5	162	5.3			
C487582		0.005	0.16	0.58	12	<0.05	9.62	152	5.7			
C487583		0.006	0.16	0.32	13	<0.05	14.05	95	8.6			
C487584		<0.005	0.14	0.52	9	<0.05	8.37	88	5.1			
C487585		0.006	0.26	0.28	13	<0.05	11.6	100	6.6			
C487586		<0.005	0.21	1.38	10	0.08	6.03	158	9			
C487587		0.006	0.22	0.39	15	0.13	12.8	145	6.9			
C487588		0.006	0.17	0.27	13	<0.05	12.15	99	6.2			
C487589		<0.005	<0.02	0.06	<1	<0.05	2.56	8	0.5			
C487590		0.01	12.2	0.1	9	0.6	1.63	>10000	3.6	1.54		2.90
C487591		0.007	0.19	0.33	22	<0.05	13.7	185	9.8			
C487592		<0.005	0.19	0.71	11	0.05	5.73	71	6.4			
C487593		0.006	0.18	0.38	18	<0.05	8.69	129	9.1			
C487594		0.006	0.16	0.32	10	0.05	8.41	79	7.3			
C487595		<0.005	0.16	0.38	12	0.06	5	92	4.5			
C487596		<0.005	0.15	0.39	13	<0.05	5.87	109	6.8			
C487597		0.006	0.12	0.35	13	<0.05	9.3	91	10			
C487598		0.006	0.16	0.37	14	<0.05	8.9	107	9.6			
C487599		<0.005	<0.02	0.06	<1	<0.05	2.43	10	0.5			

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

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

Project: MARG

Finalized Date: 2-NOV-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07116450

Sample Description	Method	WEI-21	Au-AA23	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	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
C487600		0.14	0.859	61.6	0.68	33.6	0.5	<10	10	<0.05	57.7	0.9	76.5	7.64	102.5	27
C487601		2.54	<0.005	0.12	1.06	54.3	<0.2	<10	90	0.36	0.3	1.18	0.51	39.1	12.1	9
C487602		2.66	0.135	4.42	1.04	387	<0.2	<10	90	0.32	10.1	1.12	9.09	31.8	6.5	9
C487603		1.82	0.723	63.8	0.75	5340	0.2	<10	<10	0.15	140	0.71	215	8.68	55.6	1
C487604		0.88	0.750	64.7	0.62	5710	<0.2	<10	<10	0.15	143.5	0.69	224	8.06	55.3	<1
C487605		0.66	0.009	0.56	0.06	43	<0.2	<10	10	0.05	1.31	20.7	2.02	2.26	1.3	1
C487606		0.16	0.964	72	0.72	33.7	1.7	<10	10	0.06	49	0.94	80.9	7.68	103	29
C487607		2.22	0.064	1.55	1.31	122	<0.2	<10	150	0.73	2.6	0.8	3.06	47.3	1.6	3
C487608		2.12	0.039	0.23	1.35	49.2	<0.2	<10	100	0.58	0.37	0.74	0.39	40.3	0.9	2
C487609		1.54	0.522	23.4	0.82	4220	0.3	<10	20	0.11	39.7	3.57	36.5	16.4	38.7	1
C487610		3.12	0.152	2.35	3.62	1090	<0.2	<10	150	0.14	7.38	5.02	4.33	30.5	36.6	1
C487611		3.26	0.074	0.69	4.63	390	<0.2	<10	110	0.13	1.07	1.42	2.87	29.1	17	3
C487612		3.06	0.043	0.74	1.5	207	<0.2	<10	180	0.2	3.43	1.15	3.04	38.6	4.3	3
C487613		3.50	0.024	1.35	1	401	<0.2	<10	200	0.32	2.63	0.26	4.91	64.3	1.5	3
C487614		1.80	0.022	1.51	0.84	306	<0.2	<10	180	0.32	6.78	0.06	2.44	60.1	2.4	3
C487615		1.72	0.029	1.53	0.86	369	<0.2	<10	60	0.24	5.46	0.1	3.6	44.1	2.2	3
C487616		2.94	0.153	31.2	0.58	2960	<0.2	<10	10	0.06	173.5	0.23	123	11.85	84.7	3
C487617		0.92	<0.005	0.09	0.12	10	<0.2	<10	20	0.08	0.4	21.7	0.45	2.82	1.3	2
C487618		0.16	0.998	75.5	0.77	42.8	1.1	<10	10	<0.05	60.8	0.93	84.5	8.47	126.5	30
C487619		3.38	0.094	1.32	0.97	877	<0.2	<10	40	0.1	3.46	0.58	4.53	34.2	12.9	3
C487620		3.12	0.063	2.1	1.96	512	<0.2	<10	120	0.11	4.3	0.47	2.89	40.7	14.4	5

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

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

Project: MARG

Finalized Date: 2-NOV-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07116450

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
C487600		0.2	>10000	29.3	6.42	0.68	0.09	1.09	1.435	0.07	3.8	2.3	1.08	542	11.25	0.01
C487601		0.5	33.8	4.42	3.65	0.07	0.12	0.05	0.024	0.26	19.5	19.1	0.56	260	5.11	0.04
C487602		0.49	1310	3.14	4.09	0.08	0.17	1.78	0.164	0.24	16	14.3	1.04	186	6.31	0.07
C487603		0.31	>10000	17.9	6.59	0.71	0.28	25.9	1.825	0.18	4.2	8.5	0.62	172	11.8	0.06
C487604		0.27	>10000	17.6	5.87	0.71	0.24	26.6	1.97	0.14	4	7.1	0.57	177	10.8	0.05
C487605		0.07	249	0.17	0.25	<0.05	<0.02	0.22	0.018	0.02	1.5	1.4	11.8	100	0.16	0.03
C487606		0.21	>10000	30.1	6.76	0.72	0.09	1.17	1.5	0.07	3.8	2.5	1.13	576	11.85	0.02
C487607		0.7	343	2.17	5.43	0.07	0.16	1.63	0.155	0.22	24.3	24.9	1.25	94	5.58	0.1
C487608		0.77	21.5	2.39	5.54	0.06	0.21	2.15	0.091	0.24	20	25.3	1.21	120	6.16	0.1
C487609		0.55	6080	12.45	4.05	0.21	0.26	5.17	0.158	0.24	8.4	11.7	2.07	530	12.9	0.05
C487610		0.66	680	7.06	16.5	0.11	0.85	0.67	0.022	0.2	16.3	82.7	5.73	1065	12.75	0.07
C487611		0.52	367	5.16	15.45	0.11	1	0.41	0.011	0.11	16.3	123.5	6.05	370	3.4	0.04
C487612		0.69	443	2.83	5.82	0.07	0.36	0.25	0.092	0.33	19.7	26.4	1.57	290	5.79	0.05
C487613		0.6	319	1.65	4.16	0.06	0.26	0.32	0.115	0.37	33	10.1	0.43	80	5.31	0.04
C487614		0.51	272	1.67	3.56	0.06	0.21	0.17	0.138	0.33	30.1	7.5	0.24	29	5.17	0.03
C487615		0.51	329	2.83	3.65	0.06	0.22	0.96	0.081	0.36	22.2	7.2	0.23	41	5.15	0.03
C487616		0.25	>10000	18.1	5.29	0.73	0.49	8.68	1.09	0.21	6	4.3	0.24	82	11.9	0.03
C487617		0.08	37.2	0.12	0.41	0.08	0.02	0.05	<0.005	0.03	1.8	2.6	11.75	79	0.2	0.03
C487618		0.22	>10000	34.4	7.76	1.08	0.11	1.17	1.61	0.08	4.1	2.4	1.11	560	12.1	0.03
C487619		0.35	477	5.56	3.39	0.12	0.29	0.38	0.027	0.27	16.9	13.1	0.59	167	2.86	0.04
C487620		0.37	196.5	3.76	7.57	0.1	0.49	0.27	0.008	0.31	20.9	40.9	1.49	230	2.64	0.02

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

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

Project: MARG

Finalized Date: 2-NOV-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07116450

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
C487600		0.45	13.9	100	2630	2.4	0.002	>10.0	8.09	0.8	62.5	7.3	3.1	<0.01	0.25	0.4
C487601		0.06	29.8	750	24.9	12.2	0.008	2.55	1.1	3.1	1.3	0.3	59.3	<0.01	0.04	9.6
C487602		1.98	6.9	20	1585	13.4	0.001	3.26	60.1	0.7	7.2	3.6	72.2	0.02	0.08	11.1
C487603		2.1	2.4	<10	>10000	8.8	0.006	>10.0	205	0.4	161.3	43.2	41	0.01	1.61	4.9
C487604		2.26	2.3	<10	>10000	7	0.005	>10.0	254	0.3	150	44.8	41.4	0.01	1.63	4.3
C487605		0.07	1.5	480	326	0.7	<0.001	0.19	2.98	0.6	1.3	0.4	108	<0.01	0.02	0.2
C487606		0.43	14.7	100	2800	2.6	0.002	>10.0	9.4	0.9	64.7	7.6	3.2	<0.01	0.26	0.4
C487607		2.9	0.9	70	623	12.7	0.001	2.14	47	0.7	3.2	2.2	69	0.03	0.01	17
C487608		2.82	1.1	30	54	13.7	0.001	2.21	7.84	0.7	0.9	2.6	71	0.03	0.01	16.4
C487609		2.51	5	100	4740	15.6	0.008	>10.0	202	0.5	28	6.7	142	0.01	1.82	7.5
C487610		0.36	1.7	100	745	12.7	0.002	4.27	18.9	1.7	1.5	0.8	219	0.01	1.86	14.4
C487611		0.17	2.3	210	272	7.6	0.001	3.09	12.55	2.2	0.8	1.1	67.9	<0.01	0.31	20.7
C487612		1.39	0.8	20	326	17.8	0.001	2.54	5.3	0.8	2.9	2	50	0.02	0.08	17.5
C487613		1.18	0.7	30	666	20.4	0.001	1.52	5.36	0.6	2.6	1.8	20.2	0.01	0.03	17.3
C487614		1.36	0.7	20	375	18.2	0.001	1.54	2.72	0.4	3.6	1.8	13	0.01	0.09	15.9
C487615		1.78	0.7	20	487	19.7	0.001	2.89	7.03	0.4	2.6	1.7	13.4	0.01	0.15	13.8
C487616		0.64	2.4	50	>10000	12.3	0.005	>10.0	36.2	0.4	116.5	15.8	15.8	<0.01	3.56	6.5
C487617		0.11	1.3	630	32.9	1.5	<0.001	0.08	0.28	0.6	0.5	<0.2	130	<0.01	0.01	0.5
C487618		0.43	14.2	100	3000	2.8	0.002	>10.0	5.45	0.8	77.9	8.1	3.1	<0.01	0.27	0.4
C487619		1.17	1	20	639	16.9	<0.001	5.79	13.05	0.5	2.4	1.1	36.6	0.01	0.24	9.6
C487620		0.21	3.5	50	356	20.6	<0.001	2.16	10.05	0.7	1.4	0.7	32.4	<0.01	0.21	10.1

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

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

Project: MARG

Finalized Date: 2-NOV-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07116450

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46	Pb-OG46	Zn-OG46
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Cu	Pb	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01	0.01	0.01
C487600		0.009	11.8	0.08	9	0.71	1.56	>10000	3.5	1.47		2.78
C487601		<0.005	0.15	0.58	14	<0.05	5.62	172	5.3			
C487602		<0.005	4.34	2.83	1	0.47	12.4	3260	5.9			
C487603		<0.005	6.72	2.16	2	0.71	5.37	>10000	8.2	2.73	3.80	7.85
C487604		<0.005	6.29	2.15	2	0.66	5.26	>10000	7	2.91	3.76	7.97
C487605		<0.005	0.07	0.09	<1	<0.05	2.51	630	<0.5			
C487606		0.01	12.7	0.08	9	0.72	1.62	>10000	3.4	1.60		3.14
C487607		<0.005	7.64	2.38	<1	0.57	22	1330	4.9			
C487608		<0.005	8.7	3.58	<1	0.67	18.55	168	6.7			
C487609		<0.005	20.6	2.07	2	1.69	14.6	7490	7.8			
C487610		<0.005	2.09	2.84	3	0.28	18.7	2030	29			
C487611		<0.005	1.54	3.24	7	0.15	9.94	914	33			
C487612		<0.005	1.44	3.03	1	0.35	12.65	888	12.1			
C487613		<0.005	1.68	2.29	<1	0.34	10.25	1280	9.6			
C487614		<0.005	1.88	2.41	<1	0.42	10.15	606	7.9			
C487615		<0.005	3.59	3.04	<1	2.39	12.55	939	7.8			
C487616		<0.005	7.22	3.18	1	0.65	4.14	>10000	14.6	1.45	0.95	3.05
C487617		<0.005	0.11	0.16	2	0.07	2.73	110	0.7			
C487618		0.01	12.45	0.07	10	0.45	1.85	>10000	4.6	1.43		2.87
C487619		<0.005	3.22	1.91	1	0.3	7.22	1335	10.3			
C487620		<0.005	1.43	1.31	1	0.13	6.48	2410	17.5			

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

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

Finalized: 6-OCT-2007
Account: MARPRO

CERTIFICATE VA07104202

Project: MARG

P.O. No.:

This report is for 16 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 7-SEP-2007.

The following have access to data associated with this certificate:

STEWART FUMERTON	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-32	Pulverize 1000g to 85% < 75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

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

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

Signature: Lawrence Ng, Laboratory Manager - Vancouver

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

Project: MARG

Finalized Date: 6-OCT-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07104202

Sample Description	Method	WEI-21	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	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
C487544		2.86	0.18	0.42	43.7	<0.2	<10	140	0.34	0.61	0.95	0.77	14.6	3.5	2	0.3
C487545		1.85	44.2	0.27	5660	<0.2	<10	<10	0.07	113	3.52	155.5	2.3	95.6	1	0.11
C487546		0.63	0.06	0.05	5	<0.2	<10	10	0.07	0.39	20.9	0.29	2.08	1.1	1	0.06
C487547		0.18	73	0.67	53.1	1.8	<10	10	0.05	54.6	0.84	76.3	6.3	134	30	0.17
C487548		3.34	0.84	0.76	91.2	<0.2	<10	150	0.12	2.41	1.95	2.09	16.2	7	4	0.2
C487549		3.64	4.26	0.47	207	<0.2	<10	60	0.37	2.73	0.46	10.1	29.1	3.1	2	0.41
C487550		1.41	14.9	0.42	581	<0.2	<10	20	0.34	27.6	0.86	48	9.58	17.2	8	0.43
C487551		3.68	1.83	0.5	196	<0.2	<10	40	0.35	2.32	1	6.65	12.65	8	8	0.51
C487552		3.27	1.25	0.42	89.5	<0.2	<10	160	0.31	4.35	1.1	5.61	20.8	5.2	3	0.34
C487553		1.52	8.46	0.44	292	<0.2	<10	30	0.41	17.65	0.65	36.2	21.5	8.6	2	0.38
C487554		3.51	0.19	0.34	128.5	<0.2	<10	90	0.43	0.44	0.12	0.34	36.6	0.8	2	0.24
C487555		3.43	0.39	0.41	81.7	<0.2	<10	160	0.25	0.34	0.15	0.76	51.5	1	2	0.33
C487556		3.27	54.2	0.36	1920	<0.2	<10	10	0.19	104	0.32	117.5	21	29.6	2	0.27
C487557		1.02	0.08	0.05	8	<0.2	<10	10	0.07	0.2	22.1	0.4	2.14	0.8	1	0.07
C487558		0.19	83.4	0.78	47.2	0.7	<10	10	<0.05	61.1	0.93	93.1	7.25	140	31	0.21
C487559		3.57	5.3	0.38	311	<0.2	<10	120	0.25	14.6	0.24	12.15	48.9	3.5	2	0.25

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

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

Project: MARG

Finalized e: 6-OCT-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07104202

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
C487544		23.5	2.4	1.72	0.06	0.2	0.26	0.121	0.11	6.6	5.3	0.66	146	12.55	0.02	4.58
C487545		>10000	16.8	2.68	0.5	0.26	25.6	0.284	0.13	1	2.2	1.91	539	30.6	0.01	1.01
C487546		33.8	0.16	0.16	<0.05	<0.02	0.05	<0.005	0.01	1.2	1.4	11.15	144	0.23	0.01	0.08
C487547		>10000	31.4	7.47	0.67	0.11	1.26	1.27	0.07	3.1	2.1	1.01	554	12.5	<0.01	0.17
C487548		262	2.14	2.02	0.05	0.22	0.35	0.02	0.2	7.9	12.4	1.4	341	2.43	0.01	<0.05
C487549		626	3.23	2	0.09	0.17	2.52	0.152	0.15	14.8	4.8	0.83	103	10.8	0.04	1.86
C487550		4980	6.44	2.36	0.22	0.54	9.2	0.403	0.14	4.9	3.6	0.39	100	33.1	0.02	0.72
C487551		325	3.65	1.76	0.09	0.55	1.21	0.071	0.16	6.5	3.5	0.63	163	18.6	0.03	0.18
C487552		441	2.32	1.36	0.06	0.23	1.37	0.102	0.17	10.7	3.7	0.81	137	3.28	0.02	0.52
C487553		1585	3.53	1.48	0.09	0.19	5.89	0.262	0.17	9.9	3.9	0.74	98	5.13	0.03	1.9
C487554		19.5	2.42	1.45	0.07	0.11	1	0.073	0.15	18.8	3.1	0.91	47	4.29	0.02	1.87
C487555		25.9	2.25	1.6	0.06	0.13	0.71	0.081	0.18	29.3	3.1	0.32	46	6.05	0.01	4.02
C487556		>10000	9.57	3.17	0.31	0.13	24.2	1	0.16	11.7	2.9	0.4	103	10.9	0.02	6.01
C487557		16	0.09	0.16	<0.05	<0.02	0.05	<0.005	0.01	1.6	1.2	11.15	85	0.1	0.01	0.15
C487558		>10000	34.2	7.26	0.73	0.11	1.25	1.52	0.08	3.9	2.1	1.1	582	13.45	0.01	0.28
C487559		1240	2.88	1.52	0.09	0.14	2.21	0.115	0.19	27.9	3.2	0.44	57	6.07	0.01	4.28

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

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

Project: MARG

Finalized Date: 6-OCT-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07104202

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	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	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	0.005
C487544		22.9	110	35.9	4.2	0.016	2.63	6.3	0.5	3.2	1.2	50.4	0.04	0.08	15.8	<0.005
C487545		14.4	200	>10000	4.9	0.015	>10.0	76.7	1	119.5	8	156	<0.01	5.24	6.7	<0.005
C487546		4.6	560	15.9	0.5	<0.001	0.05	0.38	1	0.5	<0.2	118	<0.01	0.01	0.2	<0.005
C487547		15.4	80	2630	2.6	0.002	>10.0	7.45	1	60.9	6.4	2.7	<0.01	0.15	0.3	0.01
C487548		7.6	560	253	8.8	0.001	1.86	4.36	1.4	1.7	0.4	90.4	<0.01	0.18	15.5	<0.005
C487549		14.2	170	2090	5.7	0.006	3.79	113	0.8	5.8	2	43	0.01	0.06	16	<0.005
C487550		81.5	2010	6340	6	0.046	8.39	141	1.1	42.6	11.5	57.3	<0.01	0.66	7.2	<0.005
C487551		72.9	1560	417	6.8	0.028	4.16	31.9	1.4	11.6	1.1	73.8	<0.01	0.11	12	<0.005
C487552		5.3	360	513	6.1	0.002	2.66	10.75	0.9	3.2	1.8	82.7	<0.01	0.03	23.1	<0.005
C487553		3.7	250	3750	5.9	0.003	4.42	51.7	0.6	12.8	4.5	51.6	0.01	0.35	22.1	<0.005
C487554		1.4	30	64.4	5.6	<0.001	2.41	3.91	0.6	1	1.1	21.8	0.01	0.01	14.8	<0.005
C487555		2.2	20	163	7.2	<0.001	2.42	6.43	0.5	1.1	2.1	18.6	0.02	0.01	19	<0.005
C487556		4.6	10	>10000	6.8	0.007	>10.0	293	0.5	63.9	25.1	25.3	0.02	1.49	10.9	<0.005
C487557		2	410	23.7	0.5	<0.001	0.04	0.69	0.6	0.3	<0.2	130.5	<0.01	0.02	0.2	<0.005
C487558		15	90	3080	2.6	0.001	>10.0	9.68	1	62.7	8.8	2.5	<0.01	0.24	0.4	0.011
C487559		2.2	40	1105	8.1	<0.001	3.27	70.7	0.5	10.9	2.3	19.3	0.02	0.45	18.3	<0.005

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

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

Project: MARG

Finalized Date: 6-OCT-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07104202

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Cu-OG46 Cu % 0.01	Pb-OG46 Pb % 0.01	Zn-OG46 Zn % 0.01	Au-AA23 Au ppm 0.005
C487544		0.78	4.17	2	0.28	29.5	243	4.6				0.016
C487545		5.79	2.3	2	1.62	14	>10000	7.1	2.97	1.71	5.69	0.392
C487546		<0.02	0.1	2	0.1	2.77	77	<0.5				<0.005
C487547		9.71	0.06	8	0.73	1.51	>10000	3.5	1.52		3.00	0.782
C487548		0.69	2.01	2	0.11	8.1	669	8				0.014
C487549		4.78	4.01	2	0.5	15.55	3650	5				0.021
C487550		8.93	7.77	26	0.45	13.05	>10000	17			1.41	0.056
C487551		2.49	6.81	25	0.27	9.86	1240	18.2				0.207
C487552		2.53	4.02	1	0.32	10.05	2010	7.5				0.012
C487553		4.85	3.55	1	0.4	13.7	>10000	6.4			0.99	0.043
C487554		6.5	2.81	<1	0.51	15.85	165	2.8				0.025
C487555		5.05	3.25	<1	0.96	19.9	374	2.7				0.034
C487556		8.81	2.64	<1	1.78	15.3	>10000	2.9	1.13	1.64	3.86	0.312
C487557		0.04	0.14	1	0.06	2.52	70	<0.5				<0.005
C487558		9.51	0.07	9	0.68	1.47	>10000	3.7	1.48		2.97	1.035
C487559		3.38	3.91	<1	1.6	21.1	2390	3				0.051

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

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 : 18-SEP-2007
Account: F

CERTIFICATE VA07092475

Project: MARG

P.O. No.:

This report is for 17 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 21-AUG-2007.

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-32	Pulverize 1000g to 85% < 75 um
LOG-24	Pulp Login - Rcd w/o Barcode
BAG-01	Bulk Master for Storage

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS

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: 

Lawrence Ng, Laboratory Manager - Vancouver

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 D..e: 18-SEP-2007
Account: F

Project: MARG

CERTIFICATE OF ANALYSIS VA07092475

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
C487523		2.58	0.017	0.29	0.35	107.5	<0.2	<10	150	0.22	0.37	0.93	1.72	9.94	7.8	18
C487524		3.43	0.558	55.90	0.28	2150.0	<0.2	<10	10	0.11	86.00	0.67	123.00	5.08	48.9	8
C487525		2.27	0.217	19.75	0.32	339.0	<0.2	<10	30	0.14	82.20	0.96	49.30	5.19	49.5	8
C487526		1.83	0.282	15.30	0.41	333.0	<0.2	<10	50	0.22	21.60	0.69	20.60	9.09	23.2	8
C487527		3.69	0.012	0.53	0.39	84.8	<0.2	<10	180	0.27	0.78	1.00	4.00	10.85	10.3	17
C487528		1.36	0.030	1.13	0.33	66.5	<0.2	<10	70	0.15	3.63	0.22	1.22	15.05	4.5	9
C487529		2.83	0.044	0.68	0.34	47.0	<0.2	<10	70	0.13	6.91	1.08	0.74	12.45	5.5	8
C487530		1.13	0.024	0.37	0.36	69.9	<0.2	<10	50	0.11	12.05	1.09	0.09	12.30	7.6	9
C487531		3.88	0.077	2.75	0.34	200.0	<0.2	<10	60	0.12	9.04	0.65	4.10	11.05	8.7	9
C487532		0.94	0.899	40.70	0.14	5000.0	<0.2	<10	10	0.06	90.10	0.47	81.30	2.23	40.9	1
C487533		0.49	1.180	53.10	0.06	8040.0	<0.2	<10	10	<0.05	119.00	0.45	97.20	1.11	49.7	<1
C487534		1.71	0.250	10.55	0.37	524.0	<0.2	<10	40	0.47	16.40	0.15	10.90	12.95	12.1	5
C487535		3.36	0.545	29.50	0.26	2210.0	0.2	<10	20	0.17	60.40	0.67	50.20	5.62	37.5	6
C487536		0.19	0.809	64.80	0.63	51.2	0.5	<10	10	<0.05	45.40	0.81	73.30	7.40	119.5	27
C487537		2.81	1.500	58.20	0.03	6360.0	<0.2	<10	10	<0.05	162.00	0.47	89.20	0.89	58.2	<1
C487538		1.05	0.008	0.18	0.06	34	<0.2	<10	10	<0.05	0.45	19.95	0.49	2.29	0.9	2
C487539		0.93	0.016	0.29	0.40	39.0	<0.2	<10	80	0.20	2.55	0.75	0.24	15.50	5.3	4

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

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07092475

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
C487523		0.39	133.0	2.88	1.19	0.06	0.27	0.18	0.040	0.11	4.8	2.2	0.70	208	7.50	0.03
C487524		0.22	>10000	17.00	3.68	0.46	0.23	20.00	0.617	0.09	2.4	3.2	0.37	185	19.50	0.02
C487525		0.35	>10000	13.10	1.89	0.24	0.19	9.78	0.567	0.10	2.4	2.2	0.45	236	6.95	0.04
C487526		0.34	3160.0	7.10	1.44	0.12	0.27	5.18	0.112	0.14	4.1	3.4	0.41	142	4.50	0.02
C487527		0.52	148.5	3.23	1.31	0.07	0.24	0.28	0.081	0.13	5.2	3.6	0.90	185	5.43	0.04
C487528		0.32	1020.0	2.49	1.12	0.05	0.25	0.24	0.128	0.17	7.0	2.9	0.12	25	1.88	0.02
C487529		0.35	2530.0	3.03	1.15	0.06	0.27	0.19	0.253	0.16	5.8	2.7	0.71	136	1.82	0.02
C487530		0.45	152.5	4.36	1.27	0.06	0.13	0.08	0.025	0.11	5.7	4.9	2.76	291	1.83	0.04
C487531		0.38	1670.0	4.62	1.38	0.06	0.21	1.43	0.035	0.13	5.2	4.1	1.32	188	3.96	0.03
C487532		0.18	7330.0	21.10	6.23	0.39	0.10	38.00	0.446	0.05	1.1	2.4	0.28	150	3.06	0.02
C487533		0.10	>10000	24.80	6.79	0.45	0.05	41.10	0.618	0.02	0.6	1.3	0.31	152	3.03	0.01
C487534		0.48	2580.0	5.71	2.10	0.09	0.33	4.81	0.261	0.12	5.8	4.4	0.64	70	7.89	0.04
C487535		0.27	8150.0	17.45	3.97	0.25	0.25	20.90	0.258	0.11	2.5	3.3	0.59	132	7.51	0.03
C487536		0.18	>10000	29.70	6.97	0.66	0.10	1.13	1.270	0.07	3.6	2.9	1.03	520	11.35	0.01
C487537		0.07	>10000	22.60	8.84	0.39	0.03	39.30	0.599	0.01	0.5	0.8	0.25	171	1.55	0.01
C487538		0.06	51.9	0.18	0.19	<0.05	<0.02	0.43	0.005	0.01	1.4	1.4	11.05	132	0.23	0.02
C487539		0.35	131.0	2.52	1.35	<0.05	0.25	0.30	0.026	0.14	7.1	5.6	1.17	131	1.14	0.03

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

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: 18-SEP-2007
Account: F

Project: MARG

CERTIFICATE OF ANALYSIS VA07092475

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
C487523		0.33	39.8	1050	67.6	5.8	0.010	1.42	4.16	1.4	3.9	0.4	55.6	<0.01	0.06	9.4
C487524		0.65	28.9	430	>10000	4.5	0.024	>10.0	483.00	0.5	103.0	22.9	34.4	<0.01	1.57	8.9
C487525		0.16	15.0	340	9000.0	4.8	0.002	>10.0	33.90	0.8	41.4	4.5	41.1	<0.01	1.70	9.3
C487526		0.07	12.1	660	4070.0	7.0	0.002	7.14	900.00	0.9	18.5	1.7	31.9	<0.01	0.50	12.6
C487527		1.14	46.5	540	81.6	7.2	0.006	1.70	5.53	1.6	5.9	0.4	47.0	0.01	0.05	7.2
C487528		<0.05	4.0	780	140.5	10.2	<0.001	2.29	3.19	0.8	2.5	1.1	11.9	<0.01	0.02	14.3
C487529		<0.05	3.7	690	58.2	9.3	<0.001	2.52	3.84	1.2	4.8	1.8	43.9	<0.01	0.04	12.5
C487530		<0.05	3.2	580	28.6	5.6	<0.001	2.06	5.08	1.9	0.9	0.3	41.2	<0.01	0.16	10.3
C487531		0.05	7.1	600	995.0	6.3	0.003	3.73	19.60	1.0	3.9	2.0	31.0	<0.01	0.19	9.7
C487532		0.12	4.9	180	>10000	2.5	0.003	>10.0	223.00	0.4	67.0	17.0	21.6	<0.01	1.34	3.3
C487533		0.13	5.5	30	>10000	1.0	0.003	>10.0	319.00	0.3	83.2	27.7	18.7	<0.01	1.85	0.9
C487534		1.61	16.5	230	2970.0	4.8	0.007	5.64	412.00	0.5	8.5	4.9	17.8	0.01	0.58	12.5
C487535		0.21	7.1	390	>10000	4.3	0.007	>10.0	286.00	0.7	38.2	10.5	41.7	<0.01	0.91	6.6
C487536		0.16	15.9	80	2550.0	2.5	0.002	>10.0	7.84	1.0	55.3	6.3	2.6	<0.01	0.15	0.4
C487537		0.11	1.9	30	>10000	0.5	0.001	>10.0	338.00	0.2	60.6	17.2	23.3	<0.01	2.17	0.3
C487538		<0.05	2.7	400	99.0	0.4	<0.001	0.17	1.21	0.7	0.6	<0.2	120.5	<0.01	0.04	<0.2
C487539		0.21	3.5	830	93.0	6.7	<0.001	1.62	2.20	1.3	0.9	0.6	41.8	<0.01	0.03	9.3

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

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: 18-SEP-2007
Account: F

Project: MARG

CERTIFICATE OF ANALYSIS VA07092475

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Cu-OG46 Cu % 0.01	Pb-OG46 Pb % 0.01	Zn-OG46 Zn % 0.01
C487523		<0.005	0.77	1.53	12	0.12	7.18	250	9.5			
C487524		<0.005	17.10	3.83	5	0.89	4.84	>10000	6.9	1.88	2.08	5.02
C487525		<0.005	4.30	2.55	2	0.33	3.94	>10000	5.8	1.76		2.74
C487526		<0.005	1.99	2.11	3	0.13	5.80	>10000	7.5			1.12
C487527		<0.005	0.37	3.06	15	0.06	6.63	570	8.7			
C487528		<0.005	0.45	2.47	1	0.13	4.24	526	8.1			
C487529		<0.005	0.78	2.20	1	0.11	5.66	294	8.9			
C487530		<0.005	0.56	1.69	2	0.09	6.36	90	4.4			
C487531		<0.005	2.10	2.10	1	0.16	4.48	2330	6.4			
C487532		<0.005	31.40	0.75	<1	1.02	1.88	>10000	3.3		2.92	6.31
C487533		<0.005	28.80	0.63	1	1.22	1.02	>10000	2.0	1.37	3.41	7.41
C487534		<0.005	5.10	1.90	2	0.30	9.00	5610	8.8			
C487535		<0.005	10.65	1.37	<1	0.71	3.97	>10000	6.8		1.60	3.50
C487536		0.009	8.90	0.07	5	0.69	1.49	>10000	3.2	1.44		3.03
C487537		<0.005	19.15	0.50	<1	2.09	0.99	>10000	1.5	1.89	2.69	7.36
C487538		<0.005	0.15	0.06	<1	0.06	2.65	250	<0.5			
C487539		<0.005	0.85	1.26	1	0.20	6.26	173	7.7			

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

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

Finalized : 30-AUG-2007
Account: MARPRO

CERTIFICATE VA07090259

Project: Marg Fly

P.O. No.:

This report is for 220 Soil samples submitted to our lab in Vancouver, BC, Canada on 3-AUG-2007.

The following have access to data associated with this certificate:

STEWART FUMERTON	JOAN MARIACHER	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature: Lawrence Ng

Lawrence Ng, Laboratory Manager - Vancouver

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

Project: Marg Fly

Finalized Date: 30-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07090259

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC38001		0.20	0.5	1.31	117	<10	290	<0.5	<2	0.06	2.5	14	19	77	4.23	10
CC38002		0.18	0.8	1.26	550	<10	1010	<0.5	<2	0.14	5.6	11	18	61	3.55	10
CC38003		0.12	<0.2	1.41	27	<10	740	<0.5	<2	0.69	5.2	11	17	41	2.90	<10
CC38004		0.16	0.5	1.86	24	<10	320	0.5	<2	0.09	<0.5	12	35	67	3.75	10
CC38005		0.16	0.3	2.25	18	<10	1030	0.7	<2	0.53	2.7	48	12	512	7.67	10
CC38006		0.16	1.8	1.49	12	<10	430	<0.5	<2	0.23	1.8	4	22	252	2.32	10
CC38007		0.18	0.4	1.49	19	<10	400	<0.5	<2	0.28	0.8	6	23	127	2.69	10
CC38008		0.18	0.7	2.19	8	<10	400	0.6	<2	0.84	17.4	53	10	295	3.31	10
CC38009		0.16	0.7	1.39	11	<10	820	<0.5	<2	1.47	7.2	11	24	92	2.81	<10
CC38010		0.10	0.4	0.74	8	<10	540	<0.5	<2	0.68	1.3	6	13	32	1.69	<10
CC38011		0.16	0.4	0.85	7	<10	900	<0.5	<2	2.38	1.8	5	16	43	2.02	<10
CC38248		0.34	<0.2	1.10	18	<10	110	<0.5	<2	0.05	<0.5	5	19	44	2.98	<10
CC38249		0.14	0.4	0.98	16	<10	120	<0.5	<2	0.03	<0.5	2	13	11	1.84	<10
CC38250		0.18	0.3	1.35	17	<10	170	<0.5	<2	0.09	<0.5	5	22	43	3.33	<10
CC38251		0.14	0.5	1.03	27	<10	100	<0.5	<2	0.02	<0.5	2	20	21	2.82	<10
CC38252		0.18	0.7	0.71	28	<10	80	<0.5	<2	0.02	<0.5	2	17	16	2.52	10
CC38253		0.12	1.3	1.26	27	<10	240	<0.5	<2	0.14	<0.5	4	23	44	3.12	<10
CC38254		0.14	0.6	1.29	29	<10	160	<0.5	<2	0.05	0.8	8	22	69	4.41	<10
CC38255		0.10	0.6	2.00	48	<10	110	<0.5	<2	0.09	0.7	14	54	144	6.31	<10
CC38260		0.12	0.3	0.70	9	<10	290	<0.5	<2	2.30	5.0	17	11	36	1.47	<10
CC38261		0.28	0.4	1.46	23	<10	480	<0.5	<2	1.05	24.4	15	27	87	3.39	<10
CC38262		0.38	0.4	1.26	26	<10	460	<0.5	<2	0.61	3.9	11	25	71	3.40	<10
CC38263		0.52	0.5	1.43	24	<10	440	<0.5	<2	0.42	1.1	13	31	79	3.83	<10
CC38264		0.18	0.4	1.31	15	<10	390	<0.5	<2	1.51	20.2	12	22	78	2.48	<10
CC38265		0.18	0.8	0.99	16	<10	900	<0.5	<2	0.05	2.3	2	14	30	2.22	<10
CC38266		0.30	1.1	0.64	41	<10	170	<0.5	<2	0.05	<0.5	10	8	54	4.63	<10
CC38267		0.22	1.1	0.68	45	<10	230	<0.5	<2	0.06	<0.5	11	9	55	4.70	<10
CC38268		0.30	1.7	0.57	51	<10	130	<0.5	<2	0.05	<0.5	9	8	56	4.56	<10
CC38269		0.16	<0.2	1.04	16	<10	270	<0.5	<2	0.01	<0.5	1	4	8	2.49	<10
CC38270		0.18	<0.2	1.23	17	<10	150	<0.5	<2	0.04	<0.5	4	18	10	3.00	10
CC38271		0.22	1.8	0.52	35	<10	110	<0.5	<2	0.01	<0.5	6	7	44	3.20	<10
CC38272		0.18	0.6	1.16	17	<10	80	<0.5	<2	0.03	<0.5	7	18	36	3.32	<10
CC38273		0.28	0.2	1.79	17	<10	170	<0.5	<2	0.06	<0.5	10	27	47	3.52	<10
CC38288		0.22	1.6	1.16	33	<10	2870	<0.5	<2	0.18	1.8	3	17	51	2.84	<10
CC38289		0.24	0.9	1.34	22	<10	1980	<0.5	<2	0.47	0.6	8	19	35	3.22	<10
CC38290		0.14	0.7	1.38	25	<10	430	0.6	<2	1.82	6.8	18	18	43	3.64	<10
CC38291		0.24	0.2	1.61	27	<10	350	<0.5	<2	0.30	<0.5	10	25	44	3.06	<10
CC38292		0.16	0.9	1.72	23	<10	390	0.5	<2	1.11	0.5	7	24	111	2.34	<10
CC38293		0.16	0.3	1.05	5	<10	200	<0.5	<2	0.15	1.1	3	13	35	1.10	10
CC38294		Not Recvd														

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

Project: Marg Fly

Finalized Date: 30-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07090259

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC38001		<1	0.06	10	0.24	607	3	<0.01	21	620	15	0.01	5	2	11	<20
CC38002		<1	0.04	10	0.21	373	3	<0.01	19	480	15	<0.01	8	2	17	<20
CC38003		<1	0.03	10	0.26	474	3	<0.01	24	1270	19	0.08	6	2	44	<20
CC38004		<1	0.07	10	0.43	320	5	<0.01	36	590	43	0.01	4	2	13	<20
CC38005		<1	0.16	10	0.67	4770	1	0.01	29	2520	10	0.05	8	6	35	<20
CC38006		<1	0.04	10	0.29	132	1	<0.01	28	860	15	0.04	2	1	21	<20
CC38007		<1	0.04	10	0.38	189	1	<0.01	32	750	9	0.04	2	3	17	<20
CC38008		<1	0.05	10	0.69	836	1	<0.01	201	1180	9	0.03	6	6	43	<20
CC38009		<1	0.09	10	0.43	597	2	0.01	97	1010	13	0.07	5	2	87	<20
CC38010		1	0.04	10	0.29	227	1	<0.01	23	940	8	0.06	3	2	44	<20
CC38011		<1	0.06	10	0.38	240	<1	<0.01	28	1020	11	0.11	3	2	83	<20
CC38248		<1	0.04	10	0.25	245	2	<0.01	16	880	11	0.04	6	1	12	<20
CC38249		<1	0.03	10	0.12	56	1	<0.01	8	670	10	0.03	3	1	8	<20
CC38250		<1	0.03	10	0.37	176	2	<0.01	22	860	12	0.02	6	2	14	<20
CC38251		1	0.04	10	0.18	90	4	<0.01	12	920	17	0.03	7	<1	10	<20
CC38252		<1	0.04	10	0.08	91	6	<0.01	10	1820	21	0.05	6	<1	14	<20
CC38253		<1	0.06	10	0.30	166	7	<0.01	21	2380	15	0.10	8	1	32	<20
CC38254		<1	0.04	20	0.31	180	6	<0.01	42	960	38	0.03	6	2	24	<20
CC38255		1	0.03	10	0.85	324	10	<0.01	54	950	28	0.03	9	4	19	<20
CC38260		<1	0.06	10	0.33	2550	1	0.01	33	880	7	0.15	4	1	103	<20
CC38261		<1	0.09	10	0.58	688	1	<0.01	156	930	13	0.03	7	4	63	<20
CC38262		1	0.10	10	0.64	578	2	<0.01	66	960	12	0.01	9	4	33	<20
CC38263		<1	0.12	10	0.59	507	2	<0.01	58	1030	12	0.01	5	5	34	<20
CC38264		<1	0.08	10	0.49	658	<1	<0.01	222	950	12	0.09	<2	3	85	<20
CC38265		<1	0.05	10	0.15	124	5	<0.01	21	1020	15	0.04	5	1	16	<20
CC38266		<1	0.03	20	0.21	251	5	<0.01	33	1150	29	0.04	14	2	21	<20
CC38267		<1	0.03	20	0.22	304	5	<0.01	33	1180	34	0.04	16	2	25	<20
CC38268		<1	0.03	20	0.17	181	5	<0.01	36	1160	39	0.04	17	2	22	<20
CC38269		<1	0.04	20	0.08	116	<1	<0.01	6	850	21	0.02	7	2	3	<20
CC38270		<1	0.04	10	0.22	279	1	<0.01	10	400	23	0.02	3	2	10	<20
CC38271		<1	0.05	10	0.06	72	6	<0.01	27	1390	28	0.13	9	1	27	<20
CC38272		1	0.03	10	0.21	214	2	<0.01	22	1000	19	0.06	7	1	10	<20
CC38273		<1	0.05	10	0.42	394	2	<0.01	27	870	19	0.03	5	2	16	<20
CC38288		1	0.06	10	0.28	119	8	<0.01	28	1620	16	0.13	11	1	65	<20
CC38289		<1	0.06	10	0.29	297	2	<0.01	37	1040	15	0.04	6	2	32	<20
CC38290		<1	0.10	10	0.70	1340	<1	0.02	68	1120	21	0.05	11	3	45	<20
CC38291		<1	0.04	10	0.43	450	<1	<0.01	32	420	10	0.01	3	5	17	<20
CC38292		<1	0.04	10	0.45	278	<1	0.01	25	880	9	0.06	4	5	54	<20
CC38293		<1	0.02	10	0.14	84	<1	<0.01	10	390	8	0.01	<2	1	10	<20
CC38294																

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

Project: Marg Fly

Finalized Date: 30-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07090259

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC38001		0.05	10	<10	80	<10	174
CC38002		0.02	<10	<10	82	<10	165
CC38003		0.01	10	<10	44	<10	169
CC38004		0.04	<10	<10	61	<10	147
CC38005		0.05	<10	<10	124	<10	384
CC38006		0.02	<10	<10	56	<10	173
CC38007		0.02	<10	<10	54	<10	121
CC38008		0.01	<10	<10	78	<10	2510
CC38009		0.02	<10	<10	47	<10	323
CC38010		0.02	<10	<10	27	<10	90
CC38011		0.01	<10	<10	27	<10	128
CC38248		0.03	<10	<10	68	<10	80
CC38249		0.01	<10	<10	44	<10	39
CC38250		0.02	<10	<10	48	<10	91
CC38251		0.01	<10	<10	60	<10	68
CC38252		0.01	<10	<10	67	<10	59
CC38253		0.01	<10	<10	59	<10	96
CC38254		0.01	<10	<10	46	<10	237
CC38255		0.04	<10	<10	77	<10	237
CC38260		0.01	<10	<10	21	<10	404
CC38261		0.02	<10	<10	45	<10	1330
CC38262		0.03	<10	<10	42	<10	332
CC38263		0.04	<10	<10	48	<10	207
CC38264		0.01	<10	<10	36	<10	2150
CC38265		0.01	<10	<10	56	<10	99
CC38266		<0.01	<10	<10	31	<10	235
CC38267		<0.01	<10	<10	33	<10	232
CC38268		<0.01	<10	<10	28	<10	223
CC38269		0.01	<10	<10	20	<10	78
CC38270		0.05	<10	<10	69	<10	70
CC38271		0.01	<10	<10	26	<10	159
CC38272		0.02	<10	<10	54	<10	97
CC38273		0.03	10	<10	56	<10	101
CC38288		0.01	<10	<10	56	<10	123
CC38289		0.01	<10	<10	48	<10	219
CC38290		0.02	<10	<10	33	<10	351
CC38291		0.02	<10	<10	50	<10	82
CC38292		0.02	<10	<10	50	<10	65
CC38293		0.02	<10	<10	50	<10	56
CC38294							

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

Project: Marg Fly

Finalized D. . 30-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07090259

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
CC38295		0.24	<0.2	1.03	9	<10	210	<0.5	<2	0.13	1.0	7	18	30	2.26	<10
CC38296		0.18	0.5	1.17	10	<10	220	<0.5	<2	0.17	1.0	6	17	57	2.44	<10
CC38297		0.22	0.4	1.53	17	<10	360	0.5	<2	0.39	21.9	107	20	418	5.70	<10
CC38298		0.30	0.3	1.33	18	<10	360	<0.5	<2	1.92	1.9	15	30	87	3.12	<10
CC38299		0.12	0.2	1.23	12	<10	340	<0.5	<2	1.85	24.8	23	16	213	1.93	<10
CC38301		0.32	<0.2	1.21	32	<10	290	<0.5	<2	0.13	0.5	11	17	38	3.04	<10
CC38302		0.34	0.4	1.01	18	<10	80	<0.5	2	0.05	0.5	7	16	34	2.95	<10
CC38303		0.32	0.3	1.42	23	<10	550	<0.5	2	0.24	0.9	7	20	64	2.94	<10
CC38304		0.30	0.7	0.80	<2	<10	280	<0.5	2	0.09	0.9	1	15	17	0.98	<10
CC38305		0.40	0.7	1.31	15	<10	180	<0.5	<2	0.04	<0.5	3	17	22	2.49	10
CC38306		0.36	0.8	1.08	11	<10	140	<0.5	<2	0.03	<0.5	2	17	35	1.75	10
CC38307		0.22	0.3	1.10	17	<10	100	<0.5	<2	0.05	0.5	5	23	26	2.66	10
CC38308		0.22	0.3	1.13	6	<10	160	<0.5	<2	0.06	1.4	5	21	21	2.31	10
CC38309		0.34	0.5	1.37	11	<10	140	<0.5	<2	0.05	0.7	7	25	39	3.01	10
CC38310		0.20	<0.2	1.18	15	<10	100	<0.5	2	0.05	1.2	7	23	42	2.83	10
CC38311		0.26	0.3	1.22	15	<10	370	<0.5	2	0.30	0.7	7	20	70	3.00	10
CC38312		0.18	0.3	0.94	11	<10	140	<0.5	<2	0.07	0.7	5	17	26	2.21	10
CC38313		0.22	0.3	0.80	10	<10	130	<0.5	<2	0.06	0.6	4	13	32	1.85	<10
CC38314		0.26	0.4	1.00	9	<10	180	<0.5	2	0.20	1.2	8	17	54	2.93	<10
CC38315		0.26	0.4	1.95	20	<10	300	<0.5	2	0.48	<0.5	10	30	150	3.56	<10
CC38316		0.24	0.4	0.84	8	<10	150	<0.5	2	0.06	2.0	25	26	46	2.55	<10
CC38317		0.32	0.4	1.82	26	<10	110	<0.5	<2	0.06	<0.5	7	35	64	3.60	10
CC38318		0.26	0.2	1.77	12	<10	150	<0.5	<2	0.07	0.9	6	25	34	3.55	10
CC38319		0.20	0.6	1.61	25	<10	180	<0.5	2	0.10	0.6	9	33	66	3.80	<10
CC38320		0.22	0.4	1.26	14	<10	90	<0.5	<2	0.07	<0.5	5	25	60	2.63	10
CC38321		0.18	0.8	1.21	16	<10	340	<0.5	<2	0.07	1.0	6	24	83	2.52	<10
CC38322		0.26	0.3	1.34	94	<10	130	<0.5	<2	0.11	0.6	8	15	19	3.35	<10
CC38323		0.22	0.2	0.95	46	<10	110	<0.5	2	0.06	<0.5	4	9	8	1.81	<10
CC38324		0.32	0.5	1.66	229	<10	530	0.8	2	0.17	<0.5	6	13	16	3.13	10
CC38325		0.16	0.3	0.43	13	<10	90	<0.5	<2	0.09	<0.5	1	6	6	1.15	<10
CC38326		0.22	0.5	0.77	57	<10	180	<0.5	2	0.06	0.8	3	12	13	1.86	10
CC38327		0.22	0.7	1.12	41	<10	140	<0.5	<2	0.07	<0.5	9	13	39	4.85	<10
CC38328		0.24	0.6	1.00	10	<10	80	<0.5	<2	0.04	<0.5	4	19	23	2.55	10
CC38329		0.30	0.5	1.53	20	<10	140	<0.5	<2	0.07	0.6	5	24	13	3.17	10
CC38330		0.26	<0.2	1.71	35	<10	400	<0.5	<2	0.11	2.5	12	28	64	3.37	10
CC38331		0.18	0.4	1.87	52	<10	260	<0.5	<2	0.11	2.2	16	29	100	4.33	10
CC38332		0.38	0.4	0.41	27	<10	330	<0.5	<2	0.11	2.5	3	11	31	1.44	<10
CC38333		0.24	<0.2	1.07	29	<10	600	<0.5	2	0.08	0.9	6	13	27	3.40	<10
CC38334		0.20	0.8	1.25	41	<10	620	<0.5	2	0.50	4.2	14	19	62	3.82	<10
CC38335		0.36	0.8	1.23	34	<10	420	<0.5	<2	0.24	<0.5	5	19	68	2.93	<10

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

Project: Marg Fly

CERTIFICATE OF ANALYSIS VA07090259

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC38295		<1	0.05	10	0.21	249	<1	<0.01	16	470	12	<0.01	<2	2	10	<20
CC38296		1	0.04	10	0.32	195	2	<0.01	30	520	9	0.01	2	2	13	<20
CC38297		<1	0.08	10	0.41	1475	1	<0.01	187	1100	11	0.08	3	3	33	<20
CC38298		<1	0.11	10	0.77	660	1	<0.01	50	930	12	0.02	3	4	69	<20
CC38299		<1	0.07	10	0.46	1030	<1	0.01	182	910	10	0.14	3	3	93	<20
CC38301		<1	0.05	10	0.31	499	1	<0.01	24	770	18	<0.01	4	2	14	<20
CC38302		<1	0.04	10	0.25	340	<1	<0.01	19	1050	22	0.04	5	1	10	<20
CC38303		<1	0.07	10	0.41	291	<1	<0.01	27	910	24	0.03	<2	3	22	<20
CC38304		<1	0.04	10	0.08	48	<1	<0.01	7	1280	11	0.08	<2	<1	10	<20
CC38305		<1	0.03	10	0.15	106	2	<0.01	14	680	14	0.01	3	1	12	<20
CC38306		<1	0.03	10	0.10	99	1	<0.01	8	1130	12	0.03	<2	<1	8	<20
CC38307		<1	0.05	10	0.26	290	2	<0.01	20	1050	15	0.02	5	<1	23	<20
CC38308		<1	0.05	10	0.23	382	1	<0.01	13	660	9	0.02	<2	<1	10	<20
CC38309		<1	0.05	10	0.35	254	2	<0.01	21	1000	14	0.03	<2	<1	14	<20
CC38310		<1	0.05	10	0.25	407	1	<0.01	17	1040	15	0.03	<2	<1	10	<20
CC38311		<1	0.08	10	0.29	406	1	<0.01	19	1190	13	0.05	<2	1	18	<20
CC38312		<1	0.05	10	0.20	210	<1	<0.01	10	820	11	0.03	2	<1	10	<20
CC38313		<1	0.05	10	0.13	189	<1	<0.01	9	710	11	0.01	<2	<1	10	<20
CC38314		<1	0.06	10	0.32	385	<1	<0.01	18	640	9	0.02	<2	1	15	<20
CC38315		1	0.09	10	0.47	300	<1	<0.01	29	1750	20	0.07	2	5	24	<20
CC38316		<1	0.04	10	0.20	2060	<1	<0.01	24	720	9	0.03	<2	1	8	<20
CC38317		<1	0.04	10	0.58	223	2	<0.01	35	770	17	0.03	5	1	11	<20
CC38318		<1	0.04	10	0.35	225	1	<0.01	19	560	13	0.03	<2	2	11	<20
CC38319		1	0.05	10	0.44	272	4	<0.01	32	1160	22	0.06	7	1	28	<20
CC38320		<1	0.05	10	0.26	192	1	<0.01	15	810	13	0.05	<2	1	10	<20
CC38321		<1	0.05	10	0.35	142	4	<0.01	20	1130	20	0.07	3	1	14	<20
CC38322		<1	0.07	10	0.32	414	<1	<0.01	21	1060	24	0.02	2	2	12	<20
CC38323		<1	0.09	10	0.19	278	<1	<0.01	5	1030	15	0.06	<2	1	7	<20
CC38324		<1	0.08	20	0.23	279	<1	<0.01	16	1040	41	0.05	4	3	21	<20
CC38325		<1	0.06	10	0.03	73	<1	0.01	5	1120	17	0.09	<2	1	8	<20
CC38326		<1	0.05	10	0.06	113	1	0.01	10	570	17	0.05	2	1	10	<20
CC38327		<1	0.04	20	0.26	250	6	<0.01	28	1200	35	0.05	8	2	29	<20
CC38328		1	0.05	10	0.15	382	1	<0.01	12	930	13	0.06	<2	<1	8	<20
CC38329		<1	0.05	10	0.25	231	2	<0.01	11	530	19	0.01	<2	2	11	<20
CC38330		<1	0.07	10	0.39	730	1	<0.01	22	860	11	0.02	<2	2	15	<20
CC38331		<1	0.07	10	0.58	627	3	<0.01	42	870	10	0.03	3	2	22	<20
CC38332		<1	0.06	20	0.04	44	9	<0.01	28	1730	27	0.08	8	1	261	<20
CC38333		<1	0.06	10	0.27	208	2	<0.01	28	920	18	0.02	10	1	16	<20
CC38334		<1	0.07	10	0.56	623	3	<0.01	49	1470	17	0.04	10	3	47	<20
CC38335		<1	0.05	10	0.39	193	6	<0.01	30	1190	19	0.05	6	1	38	<20

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

Project: Marg Fly

Finalized Date: 30-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07090259

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Tl	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC38295		0.03	<10	<10	52	<10	82
CC38296		0.02	<10	<10	40	<10	185
CC38297		0.03	<10	<10	33	<10	1635
CC38298		0.04	<10	<10	40	<10	180
CC38299		0.01	<10	<10	27	<10	973
CC38301		0.02	<10	<10	35	<10	107
CC38302		0.02	<10	<10	34	<10	88
CC38303		0.03	<10	<10	39	<10	186
CC38304		0.01	<10	<10	28	<10	37
CC38305		0.02	<10	<10	58	<10	63
CC38306		0.01	<10	<10	45	<10	38
CC38307		0.01	<10	<10	53	<10	92
CC38308		0.02	<10	<10	55	<10	84
CC38309		0.01	<10	<10	55	<10	113
CC38310		0.01	<10	<10	51	<10	92
CC38311		0.02	<10	<10	57	<10	103
CC38312		0.02	<10	<10	52	<10	62
CC38313		0.03	<10	<10	49	<10	53
CC38314		0.04	<10	<10	53	<10	97
CC38315		0.03	<10	<10	52	<10	128
CC38316		0.03	<10	<10	58	<10	131
CC38317		0.02	<10	<10	74	<10	148
CC38318		0.04	<10	<10	74	<10	100
CC38319		0.02	<10	<10	55	<10	141
CC38320		0.04	<10	<10	61	<10	63
CC38321		0.02	<10	<10	59	<10	81
CC38322		0.02	<10	<10	30	<10	121
CC38323		0.01	<10	<10	22	<10	42
CC38324		0.01	<10	<10	26	<10	120
CC38325		0.01	<10	<10	8	<10	49
CC38326		0.04	<10	<10	53	<10	69
CC38327		0.01	<10	<10	37	<10	185
CC38328		0.03	<10	<10	62	<10	67
CC38329		0.06	<10	<10	86	<10	66
CC38330		0.04	<10	<10	83	<10	205
CC38331		0.04	<10	<10	100	<10	275
CC38332		0.01	<10	<10	38	<10	158
CC38333		0.01	<10	<10	40	<10	153
CC38334		0.01	<10	<10	45	<10	279
CC38335		0.01	<10	<10	44	<10	118

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

Project: Marg Fly

Finalized Date: 30-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07090259

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
CC38336		0.32	1.4	1.43	18	<10	230	<0.5	<2	0.07	0.5	6	21	20	3.35	10
CC38337		0.18	0.5	0.91	15	<10	250	<0.5	<2	0.06	<0.5	4	16	33	2.24	<10
CC38338		0.28	0.2	0.98	16	<10	250	<0.5	<2	0.15	<0.5	5	17	45	2.35	<10
CC38339		0.26	0.3	1.20	18	<10	480	<0.5	<2	0.49	0.9	8	17	50	2.88	<10
CC38340		0.24	1.0	1.13	11	<10	270	<0.5	2	0.07	0.8	6	15	99	3.59	10
CC38341		0.30	<0.2	1.34	14	<10	170	<0.5	<2	0.07	<0.5	6	10	16	3.12	10
CC38342		0.28	<0.2	1.12	16	<10	90	<0.5	<2	0.05	<0.5	3	19	21	2.29	10
CC38343		0.48	0.2	1.34	46	<10	510	0.5	<2	0.11	<0.5	11	17	57	3.53	<10
CC38344		0.28	0.5	1.42	18	<10	220	<0.5	2	0.04	<0.5	4	19	23	3.06	10
CC38345		0.38	0.9	1.02	42	<10	180	<0.5	<2	0.02	<0.5	1	17	32	3.27	10
CC38346		0.26	0.8	1.02	20	<10	120	<0.5	<2	0.04	<0.5	2	17	20	2.44	<10
CC38347		0.40	0.2	1.07	11	<10	140	<0.5	<2	0.04	<0.5	4	18	19	2.48	10
CC38348		0.36	<0.2	1.14	29	<10	140	<0.5	<2	0.08	<0.5	6	19	37	3.68	<10
CC38349		0.22	0.4	1.08	15	<10	150	<0.5	<2	0.07	<0.5	5	18	27	2.87	10
CC38350		0.28	0.3	1.37	19	<10	340	<0.5	2	0.32	1.3	9	22	37	3.21	<10
CC38351		0.36	0.2	0.63	59	<10	280	<0.5	<2	0.02	<0.5	2	7	17	2.94	<10
CC38352		0.22	<0.2	1.23	57	<10	860	<0.5	2	0.13	2.0	9	19	35	3.13	10
CC38353		0.28	0.4	0.98	48	<10	180	<0.5	<2	0.05	<0.5	5	16	48	2.77	<10
CC38354		0.32	0.2	1.64	34	<10	470	<0.5	<2	0.25	0.6	6	24	32	2.73	10
CC38355		0.32	0.8	1.69	38	<10	370	<0.5	2	0.10	1.0	14	33	82	4.75	10
CC38356		0.42	0.2	1.66	33	<10	480	0.5	2	0.07	0.6	12	21	50	4.02	<10
CC38357		0.28	0.7	1.26	24	<10	280	<0.5	<2	0.10	<0.5	6	19	38	3.16	<10
CC38358		0.20	0.5	1.45	27	<10	440	<0.5	<2	0.08	0.5	7	22	51	3.33	10
CC38359		0.30	0.2	1.42	29	<10	680	<0.5	<2	0.19	2.2	12	20	52	3.33	<10
CC38360		0.26	0.3	1.74	26	<10	910	<0.5	2	0.10	1.1	7	21	57	3.27	10
CC38361		0.32	0.2	1.35	26	<10	620	<0.5	<2	0.14	0.6	7	18	49	3.23	<10
CC38362		0.26	0.3	1.13	22	<10	600	<0.5	2	0.26	0.5	7	17	45	2.82	<10
CC38363		0.26	0.2	1.19	24	<10	560	<0.5	<2	0.64	1.0	10	18	51	3.16	<10
CC38364		0.26	0.3	1.30	20	<10	320	<0.5	<2	0.25	0.7	9	21	51	3.30	<10
CC38365		0.32	0.6	1.15	26	<10	180	<0.5	<2	0.18	1.2	16	19	46	3.79	<10
CC38366		0.38	0.5	1.47	20	<10	250	<0.5	<2	0.25	1.2	13	24	49	3.48	<10
CC38367		0.34	0.4	1.36	24	<10	320	<0.5	<2	0.08	<0.5	6	23	54	3.34	10
CC38368		0.30	0.3	1.65	32	<10	320	<0.5	<2	0.26	6.2	12	28	63	3.62	10
CC38369		0.28	1.0	1.85	77	<10	440	0.5	<2	0.20	1.9	9	27	84	3.59	10
CC38370		0.34	0.9	1.00	59	<10	420	<0.5	<2	0.21	2.5	6	17	56	2.49	<10
CC38371		0.26	0.9	1.02	77	<10	450	<0.5	<2	0.41	3.1	12	16	68	3.25	<10
CC38372		0.26	0.2	1.79	18	<10	360	<0.5	<2	0.17	1.9	16	30	82	3.78	10
CC38373		0.20	0.2	0.81	8	<10	410	<0.5	<2	0.08	2.1	2	6	35	1.04	<10
CC38374		Not Recvd														
CC38375		0.24	0.4	1.43	16	<10	550	<0.5	<2	0.28	4.6	6	18	45	2.53	10

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

Project: Marg Fly

CERTIFICATE OF ANALYSIS VA07090259

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC38336		<1	0.05	10	0.35	261	2	<0.01	17	1150	15	0.01	3	2	18	<20
CC38337		<1	0.05	10	0.26	96	3	<0.01	20	1350	13	0.05	4	<1	22	<20
CC38338		<1	0.04	10	0.27	126	2	<0.01	24	950	10	0.06	4	2	21	<20
CC38339		<1	0.04	10	0.46	231	2	<0.01	29	870	12	0.05	<2	3	39	<20
CC38340		<1	0.05	10	0.21	219	2	<0.01	15	860	7	0.06	11	1	12	<20
CC38341		<1	0.06	10	0.28	534	<1	<0.01	11	880	24	0.02	2	1	6	<20
CC38342		<1	0.04	10	0.16	168	1	<0.01	16	840	16	0.04	3	<1	7	<20
CC38343		<1	0.04	20	0.39	320	2	<0.01	35	690	14	0.02	10	4	29	<20
CC38344		<1	0.04	10	0.23	180	2	<0.01	17	750	16	0.02	5	1	11	<20
CC38345		<1	0.05	10	0.15	77	6	<0.01	12	1840	21	0.10	6	<1	26	<20
CC38346		<1	0.04	10	0.21	104	2	<0.01	12	1100	15	0.02	3	<1	10	<20
CC38347		<1	0.05	10	0.21	192	2	<0.01	13	870	11	0.02	3	<1	9	<20
CC38348		<1	0.05	10	0.40	241	2	<0.01	27	960	17	0.02	5	2	15	<20
CC38349		<1	0.05	10	0.27	251	2	<0.01	18	790	13	0.03	4	<1	14	<20
CC38350		<1	0.04	10	0.46	358	2	<0.01	30	810	15	0.03	3	2	29	<20
CC38351		<1	0.06	20	0.11	90	4	<0.01	7	520	30	0.08	8	1	18	<20
CC38352		<1	0.07	10	0.32	874	1	<0.01	17	1010	19	0.05	<2	1	21	<20
CC38353		<1	0.05	10	0.21	251	3	<0.01	17	1220	28	0.03	6	<1	18	<20
CC38354		<1	0.04	10	0.39	344	2	<0.01	21	890	13	0.02	2	1	35	<20
CC38355		<1	0.05	10	0.52	509	3	<0.01	41	910	16	0.03	11	3	30	<20
CC38356		<1	0.06	20	0.50	401	2	<0.01	39	790	18	0.01	8	4	16	<20
CC38357		<1	0.05	10	0.40	208	2	<0.01	25	1100	14	0.01	2	2	18	<20
CC38358		<1	0.08	10	0.54	216	3	<0.01	24	1130	18	0.02	6	3	27	<20
CC38359		<1	0.04	10	0.50	550	3	<0.01	31	930	15	0.03	9	3	32	<20
CC38360		<1	0.05	10	0.45	250	3	<0.01	31	1070	14	0.05	7	4	29	<20
CC38361		<1	0.04	20	0.47	228	3	<0.01	28	720	15	0.02	7	3	24	<20
CC38362		<1	0.04	10	0.42	186	3	<0.01	27	1000	15	0.03	6	3	29	<20
CC38363		<1	0.05	10	0.47	493	2	<0.01	35	1110	15	0.05	6	2	48	<20
CC38364		<1	0.05	10	0.48	246	2	<0.01	34	980	15	0.04	2	3	27	<20
CC38365		<1	0.04	10	0.31	622	1	<0.01	39	1140	21	0.02	6	3	17	<20
CC38366		<1	0.07	10	0.46	413	1	<0.01	35	1200	25	0.04	<2	2	20	<20
CC38367		<1	0.06	20	0.35	244	6	<0.01	23	1120	17	0.03	2	1	48	<20
CC38368		<1	0.06	10	0.44	703	2	<0.01	24	630	12	0.02	<2	1	22	<20
CC38369		<1	0.06	10	0.47	219	5	<0.01	40	1320	12	0.03	9	3	69	<20
CC38370		<1	0.05	10	0.28	251	6	<0.01	26	1240	16	0.04	7	<1	67	<20
CC38371		<1	0.06	10	0.36	406	8	<0.01	50	1650	19	0.09	12	2	119	<20
CC38372		<1	0.06	10	0.51	742	2	<0.01	27	940	9	0.01	2	2	14	<20
CC38373		<1	0.04	10	0.05	63	1	<0.01	9	740	16	0.02	<2	<1	9	<20
CC38374																
CC38375		<1	0.06	20	0.39	157	2	<0.01	18	920	14	0.02	2	4	28	<20

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

Project: Marg Fly

CERTIFICATE OF ANALYSIS VA07090259

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Tl	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC38336		0.03	<10	<10	60	<10	139
CC38337		0.01	<10	<10	38	<10	94
CC38338		0.01	<10	<10	43	<10	119
CC38339		0.01	<10	<10	42	<10	143
CC38340		0.04	<10	<10	68	<10	92
CC38341		0.01	<10	<10	32	<10	69
CC38342		0.02	<10	<10	45	<10	76
CC38343		0.02	<10	<10	46	<10	151
CC38344		0.02	<10	<10	62	<10	87
CC38345		0.01	<10	<10	70	<10	69
CC38346		0.01	<10	<10	46	<10	57
CC38347		0.01	<10	<10	49	<10	64
CC38348		0.03	<10	<10	50	<10	129
CC38349		0.02	<10	<10	55	<10	89
CC38350		0.02	<10	<10	48	<10	140
CC38351		0.04	<10	<10	28	<10	55
CC38352		0.02	<10	<10	54	<10	137
CC38353		0.01	<10	<10	49	<10	89
CC38354		0.01	<10	<10	69	<10	93
CC38355		0.03	<10	<10	66	<10	197
CC38356		0.02	<10	<10	46	<10	182
CC38357		0.03	<10	<10	54	<10	115
CC38358		0.03	<10	<10	60	<10	118
CC38359		0.02	<10	<10	51	<10	162
CC38360		0.01	<10	<10	57	<10	130
CC38361		0.02	<10	<10	49	<10	137
CC38362		0.02	<10	<10	42	<10	126
CC38363		0.02	10	<10	41	<10	176
CC38364		0.01	<10	<10	47	<10	171
CC38365		0.01	<10	<10	38	<10	156
CC38366		0.01	<10	<10	50	<10	141
CC38367		0.03	<10	<10	66	<10	105
CC38368		0.03	<10	<10	89	<10	302
CC38369		0.03	<10	<10	80	<10	195
CC38370		0.01	<10	<10	60	<10	159
CC38371		0.01	<10	<10	41	<10	266
CC38372		0.05	<10	<10	103	<10	195
CC38373		<0.01	<10	<10	25	<10	60
CC38374							
CC38375		0.02	<10	<10	47	<10	139

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

Project: Marg Fly

Finalized Date: 30-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07090259

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC38376		0.22	0.6	1.30	18	<10	520	<0.5	<2	0.39	2.6	9	19	44	2.58	<10
CC38377		0.28	1.3	1.37	21	<10	490	<0.5	<2	0.29	1.4	6	21	57	2.42	<10
CC38378		0.26	1.2	0.98	25	<10	230	<0.5	<2	0.18	0.9	7	18	41	2.47	<10
CC38379		0.26	0.7	1.44	21	<10	180	<0.5	<2	0.09	1.7	10	48	46	3.33	<10
CC38380		0.28	<0.2	1.23	19	<10	170	<0.5	<2	0.09	1.1	7	22	28	2.56	<10
CC38381		0.36	0.7	1.58	26	<10	570	<0.5	<2	0.69	1.5	14	28	63	3.34	<10
CC38382		0.30	0.5	1.30	22	<10	490	<0.5	<2	0.94	2.5	13	21	94	3.19	<10
CC38383		0.32	0.4	1.31	22	<10	510	<0.5	<2	0.37	0.8	15	22	62	3.18	<10
CC38384		0.30	<0.2	1.69	30	<10	310	<0.5	<2	0.14	0.5	10	21	41	3.51	10
CC38385		0.36	0.3	2.65	43	<10	700	0.5	<2	0.62	0.9	30	34	268	5.64	10
CC38386		0.38	<0.2	1.74	43	<10	200	<0.5	<2	0.07	0.8	13	27	63	3.69	10
CC38387		0.30	0.4	1.08	26	<10	130	<0.5	<2	0.04	0.5	5	17	28	2.07	<10
CC38388		0.36	0.3	1.52	40	<10	210	<0.5	<2	0.04	0.8	11	24	48	3.53	10
CC38389		0.28	0.9	0.93	25	<10	200	<0.5	<2	0.03	0.5	3	13	20	1.82	10
CC38390		0.28	0.2	1.13	29	<10	200	<0.5	<2	0.06	0.7	8	19	37	2.95	<10
CC38391		0.34	0.4	1.10	35	<10	220	<0.5	<2	0.10	0.7	8	18	44	3.03	<10
CC38392		0.34	0.5	1.15	20	<10	260	<0.5	<2	0.09	1.5	11	22	41	3.10	<10
CC38393		0.32	0.2	1.55	21	<10	190	<0.5	<2	0.12	1.6	11	24	79	3.33	<10
CC38394		0.36	0.4	1.39	21	<10	250	<0.5	<2	0.16	1.4	10	22	45	3.14	10
CC38395		0.28	0.4	1.15	13	<10	170	<0.5	<2	0.12	0.8	6	21	33	2.19	<10
CC38401		0.22	0.3	1.08	16	<10	140	<0.5	<2	0.10	1.0	7	20	48	2.67	<10
CC38402		0.24	<0.2	1.48	13	<10	230	<0.5	<2	0.31	2.0	12	33	50	2.79	10
CC38403		0.34	0.3	1.50	15	<10	270	<0.5	<2	0.54	0.7	16	22	65	3.05	10
CC38404		0.26	<0.2	1.56	16	<10	300	0.5	<2	0.57	<0.5	8	22	90	3.06	<10
CC38405		0.38	<0.2	1.13	12	<10	140	<0.5	<2	0.10	<0.5	6	19	47	2.88	<10
CC38406		0.12	0.4	1.24	18	<10	1040	<0.5	<2	2.66	10.7	9	13	445	1.93	<10
CC38407		0.22	0.3	1.34	19	<10	280	<0.5	<2	0.13	1.7	32	17	93	4.55	10
CC38408		0.18	<0.2	1.28	8	<10	240	<0.5	<2	0.29	0.8	6	19	36	2.26	10
CC38409		0.10	<0.2	0.52	7	<10	80	<0.5	2	0.06	<0.5	2	13	10	1.08	<10
CC38410		0.30	0.2	0.96	20	<10	100	<0.5	<2	0.07	<0.5	8	19	34	3.98	<10
CC38411		0.12	1.2	0.66	13	<10	90	<0.5	<2	0.03	<0.5	2	10	14	1.36	<10
CC38412		0.12	1.1	1.14	6	<10	70	<0.5	2	0.04	<0.5	1	14	14	1.42	<10
CC38413		0.20	<0.2	1.57	21	<10	150	<0.5	<2	0.06	<0.5	5	27	22	3.31	10
CC38414		0.20	0.6	1.35	22	<10	90	<0.5	<2	0.09	<0.5	6	27	60	3.75	10
CC38415		0.22	0.3	2.31	17	<10	110	<0.5	<2	0.07	<0.5	5	33	18	4.15	10
CC38426		0.12	<0.2	1.02	11	<10	220	<0.5	<2	2.07	12.9	8	17	51	1.74	<10
CC38427		0.20	<0.2	1.03	21	<10	240	<0.5	<2	0.45	0.6	9	20	42	2.64	<10
CC38428		0.16	<0.2	0.92	9	<10	430	<0.5	3	1.32	<0.5	6	18	38	2.20	<10
CC38429		0.10	<0.2	0.19	3	<10	420	<0.5	<2	3.87	1.7	2	2	46	0.36	<10
CC38431		0.16	0.2	1.20	38	<10	360	<0.5	<2	0.88	3.8	30	23	127	3.90	<10

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

Project: Marg Fly

Finalized Date: 30-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07090259

Sample Description	Method Analyte Units LOR	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20
CC38376		<1	0.07	10	0.37	353	2	<0.01	21	1240	14	0.05	<2	2	33	<20
CC38377		<1	0.05	10	0.31	163	3	<0.01	25	1080	15	0.05	3	1	45	<20
CC38378		<1	0.05	10	0.33	185	5	<0.01	24	1050	15	0.04	6	1	47	<20
CC38379		<1	0.04	10	0.58	180	4	<0.01	45	750	30	0.03	2	2	20	<20
CC38380		<1	0.05	10	0.33	179	2	<0.01	21	560	13	0.03	<2	1	15	<20
CC38381		<1	0.05	10	0.54	473	3	<0.01	41	1320	14	0.08	3	3	57	<20
CC38382		<1	0.09	10	0.51	463	3	<0.01	42	1120	15	0.06	6	3	57	<20
CC38383		<1	0.07	10	0.47	474	3	<0.01	36	950	14	0.02	4	3	28	<20
CC38384		<1	0.06	10	0.43	477	2	<0.01	18	530	10	0.03	<2	3	15	<20
CC38385		<1	0.04	10	1.18	1090	1	<0.01	46	890	10	0.03	5	7	41	<20
CC38386		<1	0.04	10	0.41	420	3	<0.01	38	620	14	0.02	5	2	16	<20
CC38387		<1	0.04	10	0.13	198	3	<0.01	16	1090	12	0.04	3	<1	19	<20
CC38388		1	0.05	10	0.30	405	2	<0.01	25	830	12	0.02	8	3	19	<20
CC38389		<1	0.05	10	0.10	96	4	<0.01	13	1260	14	0.02	4	<1	18	<20
CC38390		<1	0.05	20	0.30	222	3	<0.01	25	710	16	0.03	8	1	17	<20
CC38391		<1	0.04	20	0.32	229	3	<0.01	26	880	15	0.03	7	1	19	<20
CC38392		<1	0.05	10	0.26	353	3	<0.01	27	1220	12	0.04	3	<1	14	<20
CC38393		<1	0.06	10	0.45	259	3	<0.01	33	980	12	0.02	2	1	17	<20
CC38394		<1	0.05	10	0.43	427	2	<0.01	30	960	15	0.03	2	2	22	<20
CC38395		<1	0.05	10	0.32	138	2	<0.01	17	750	10	0.03	<2	1	15	<20
CC38401		<1	0.04	10	0.30	154	2	<0.01	23	750	13	0.03	2	<1	15	<20
CC38402		<1	0.05	10	0.49	333	1	<0.01	28	1080	11	0.06	<2	1	18	<20
CC38403		<1	0.05	10	0.46	492	2	<0.01	24	1000	13	0.04	<2	1	22	<20
CC38404		<1	0.06	10	0.46	338	1	<0.01	24	1140	16	0.03	<2	3	24	<20
CC38405		<1	0.05	10	0.32	275	1	<0.01	16	630	13	0.02	<2	1	10	<20
CC38406		<1	0.08	10	0.20	384	2	0.03	65	1350	11	0.19	6	4	117	<20
CC38407		<1	0.06	10	0.31	2240	1	<0.01	17	850	11	0.01	<2	2	9	<20
CC38408		<1	0.03	10	0.19	412	<1	<0.01	15	320	13	0.01	4	3	13	<20
CC38409		<1	0.04	10	0.07	87	2	<0.01	11	680	9	0.02	<2	<1	7	<20
CC38410		<1	0.03	10	0.28	566	2	<0.01	23	1040	18	0.03	5	1	12	<20
CC38411		<1	0.04	10	0.06	98	2	<0.01	10	780	9	0.01	2	<1	6	<20
CC38412		<1	0.04	10	0.10	48	1	0.01	7	1510	9	0.10	<2	<1	6	<20
CC38413		<1	0.05	10	0.35	246	2	<0.01	17	840	17	0.02	2	1	13	<20
CC38414		<1	0.03	10	0.34	317	2	<0.01	22	900	14	0.02	3	1	11	<20
CC38415		<1	0.05	20	0.35	241	2	0.02	17	550	18	0.05	<2	2	10	<20
CC38426		<1	0.05	10	0.49	379	<1	0.01	103	1000	11	0.16	2	2	92	<20
CC38427		<1	0.05	10	0.43	242	1	<0.01	28	460	12	0.04	3	3	25	<20
CC38428		<1	0.06	10	0.46	276	<1	<0.01	29	920	12	0.05	<2	3	50	<20
CC38429		<1	0.03	10	0.23	105	<1	0.01	12	940	4	0.19	<2	<1	114	<20
CC38431		<1	0.05	10	0.31	1780	<1	0.01	37	670	17	0.04	10	9	35	<20

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

Project: Marg Fly

Finalized D. . 30-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07090259

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC38376		0.01	<10	<10	49	<10	121
CC38377		0.01	<10	<10	51	<10	90
CC38378		0.01	<10	<10	41	<10	125
CC38379		0.01	<10	<10	56	<10	148
CC38380		0.02	<10	<10	52	<10	106
CC38381		0.01	<10	<10	54	<10	165
CC38382		0.02	<10	<10	46	<10	170
CC38383		0.02	<10	<10	44	<10	139
CC38384		0.04	<10	<10	105	<10	79
CC38385		0.05	<10	<10	111	<10	199
CC38386		0.02	<10	<10	61	<10	147
CC38387		0.01	<10	<10	58	<10	71
CC38388		0.02	<10	<10	72	<10	116
CC38389		<0.01	<10	<10	46	<10	70
CC38390		0.02	<10	<10	44	<10	134
CC38391		0.01	<10	<10	47	<10	144
CC38392		0.01	<10	<10	46	<10	102
CC38393		0.02	<10	<10	54	<10	203
CC38394		0.02	<10	<10	51	<10	146
CC38395		0.01	<10	<10	46	<10	91
CC38401		0.01	<10	<10	46	<10	111
CC38402		0.02	<10	<10	49	<10	147
CC38403		0.02	<10	<10	62	<10	111
CC38404		0.03	<10	<10	54	<10	111
CC38405		0.03	<10	<10	47	<10	73
CC38406		0.01	<10	10	29	<10	182
CC38407		0.07	<10	<10	94	<10	207
CC38408		0.03	<10	<10	64	<10	124
CC38409		0.01	<10	<10	35	<10	39
CC38410		0.04	<10	<10	48	<10	104
CC38411		0.01	<10	<10	41	<10	52
CC38412		0.01	<10	<10	30	<10	21
CC38413		0.02	<10	<10	59	<10	66
CC38414		0.04	<10	<10	66	<10	76
CC38415		0.06	<10	<10	110	<10	71
CC38426		0.01	<10	<10	28	<10	741
CC38427		0.02	<10	<10	40	<10	111
CC38428		0.02	<10	<10	27	<10	91
CC38429		<0.01	<10	<10	4	<10	61
CC38431		0.02	<10	<10	50	<10	124

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

Finalized D. . 30-AUG-2007
Account: MARPRO

Project: Marg Fly

CERTIFICATE OF ANALYSIS VA07090259

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
CC38432		0.18	0.4	1.22	39	<10	210	<0.5	<2	1.51	<0.5	8	22	52	2.69	<10
CC38433		0.16	0.9	0.98	126	<10	360	<0.5	<2	0.08	0.7	3	15	26	2.08	<10
CC38434		0.16	0.2	1.13	43	<10	220	<0.5	<2	0.07	0.7	5	18	37	3.07	<10
CC38435		0.20	0.2	1.50	30	<10	380	<0.5	<2	0.11	1.7	12	25	50	3.64	10
CC38436		0.20	0.4	1.84	112	<10	530	<0.5	<2	0.16	16.1	24	32	113	5.18	10
CC38437		0.14	0.6	1.05	108	<10	350	<0.5	2	0.31	1.8	7	18	65	4.14	<10
CC38438		0.18	<0.2	1.03	33	<10	680	<0.5	<2	0.21	2.7	7	14	45	2.90	<10
CC38439		0.16	<0.2	1.53	27	<10	860	0.5	<2	0.09	0.9	11	24	59	3.74	<10
CC38440		0.14	<0.2	1.39	29	<10	420	<0.5	<2	0.16	<0.5	9	22	70	3.52	<10
CC38441		0.18	1.6	1.41	19	<10	290	<0.5	<2	0.11	<0.5	5	20	39	2.98	10
CC38442		0.14	1.1	0.95	17	<10	220	<0.5	<2	0.05	<0.5	2	15	35	2.27	<10
CC38443		0.20	0.6	1.26	26	<10	300	<0.5	2	0.12	<0.5	7	20	58	3.42	<10
CC38444		0.12	0.2	1.24	4	<10	1990	0.8	<2	0.97	14.3	21	18	112	2.62	<10
CC38445		0.20	<0.2	1.21	22	<10	550	<0.5	<2	0.17	0.6	7	18	45	2.72	<10
CC38446		0.14	0.4	1.30	25	<10	630	<0.5	<2	0.29	0.7	8	22	49	3.15	<10
CC38447		0.10	<0.2	1.20	17	<10	400	<0.5	<2	0.14	<0.5	6	17	36	2.69	<10
CC38448		0.18	0.5	1.32	17	<10	520	<0.5	<2	0.52	1.8	11	20	53	3.34	<10
CC38449		0.16	<0.2	1.30	20	<10	410	<0.5	<2	0.33	1.0	10	19	52	3.15	<10
CC38450		0.16	<0.2	1.21	21	<10	510	0.5	<2	1.47	1.7	10	18	30	2.80	<10
CC38468		0.24	0.7	0.96	17	<10	620	<0.5	<2	0.10	1.3	5	20	34	2.40	<10
CC38471		0.18	0.2	1.08	10	<10	830	<0.5	<2	1.36	3.5	9	21	56	2.39	<10
CC38472		0.18	0.4	1.26	20	<10	550	<0.5	<2	0.51	1.0	10	30	52	3.13	<10
CC38473		0.24	0.7	1.77	25	<10	660	0.5	<2	0.40	1.2	16	30	71	3.83	<10
CC38474		0.18	0.3	1.10	14	<10	330	<0.5	<2	0.31	1.1	7	18	41	2.22	<10
CC38475		0.12	0.6	1.29	15	<10	550	<0.5	<2	0.84	2.1	7	18	66	2.27	<10
CC38476		0.20	0.2	1.58	32	<10	610	<0.5	<2	0.24	15.9	16	18	123	2.46	<10
CC38477		0.20	0.5	1.06	28	<10	530	<0.5	<2	0.48	3.6	12	14	54	2.82	<10
CC38478		0.16	0.3	1.70	16	<10	350	0.5	<2	0.21	<0.5	12	22	332	3.45	10
CC38479		0.28	0.2	1.71	16	<10	210	<0.5	<2	0.10	<0.5	9	25	204	3.71	10
CC38480		0.16	0.3	1.91	10	<10	660	0.6	<2	0.39	1.0	22	18	533	3.98	10
CC38481		0.14	0.3	1.99	24	<10	610	<0.5	<2	0.21	<0.5	14	31	54	3.65	10
CC38482		0.22	0.2	1.82	12	<10	470	0.5	<2	0.22	<0.5	9	24	30	3.20	10
CC38483		0.20	0.5	1.30	21	<10	640	<0.5	<2	0.50	1.5	9	18	37	2.92	<10
CC38484		0.14	0.6	1.27	27	<10	300	<0.5	<2	0.08	1.9	5	21	38	3.08	10
CC38485		0.18	0.4	1.98	26	<10	250	0.6	<2	0.14	1.9	15	25	41	3.57	10
CC38486		0.16	0.2	1.75	17	<10	830	<0.5	<2	0.23	1.3	10	22	24	3.11	10
CC38487		0.22	0.4	1.91	16	<10	260	<0.5	<2	0.19	<0.5	10	37	83	3.49	10
CC38488		0.16	0.7	1.07	39	<10	490	<0.5	<2	0.22	1.2	8	16	53	2.86	<10
CC38489		0.12	2.8	0.85	18	<10	240	<0.5	<2	0.23	1.0	3	14	42	2.07	<10
CC38490		0.18	0.9	0.90	23	<10	200	<0.5	<2	0.06	<0.5	2	13	15	2.01	<10

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

Project: Marg Fly

Finalized Date: 30-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07090259

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC38432		<1	0.05	10	0.47	348	<1	0.01	25	800	14	0.06	2	4	60	<20
CC38433		<1	0.05	10	0.14	239	2	<0.01	12	1150	11	0.03	2	<1	17	<20
CC38434		<1	0.05	10	0.30	192	2	<0.01	18	780	14	0.02	5	1	21	<20
CC38435		<1	0.05	10	0.35	615	2	<0.01	26	800	18	<0.01	5	2	14	<20
CC38436		<1	0.06	10	0.65	1820	5	<0.01	64	1240	9	0.02	11	3	28	<20
CC38437		<1	0.08	10	0.31	185	11	<0.01	49	2700	19	0.08	20	2	154	<20
CC38438		<1	0.06	10	0.29	229	4	<0.01	40	1460	14	0.03	9	2	40	<20
CC38439		<1	0.07	10	0.44	503	2	<0.01	38	670	16	0.01	7	3	14	<20
CC38440		<1	0.06	10	0.54	356	2	<0.01	33	1150	13	0.02	5	2	21	<20
CC38441		<1	0.06	10	0.39	189	2	<0.01	18	1600	13	0.02	2	1	19	<20
CC38442		<1	0.04	10	0.25	99	3	<0.01	18	1140	14	0.02	3	1	13	<20
CC38443		<1	0.05	10	0.45	306	4	<0.01	30	990	17	0.03	7	1	24	<20
CC38444		<1	0.13	10	0.26	1550	1	<0.01	54	1740	13	0.10	4	2	93	<20
CC38445		<1	0.03	10	0.39	210	2	<0.01	26	830	14	0.02	4	3	23	<20
CC38446		<1	0.07	10	0.50	233	3	<0.01	35	1210	13	0.04	7	3	35	<20
CC38447		<1	0.05	10	0.43	176	2	<0.01	26	610	8	0.02	6	3	22	<20
CC38448		<1	0.05	10	0.49	351	2	<0.01	34	1120	14	0.04	4	3	41	<20
CC38449		<1	0.05	10	0.45	415	1	<0.01	33	1060	15	0.03	4	3	32	<20
CC38450		<1	0.06	10	0.32	626	<1	0.01	35	880	16	0.06	5	3	52	<20
CC38468		<1	0.06	10	0.23	106	10	<0.01	25	1270	28	0.09	7	1	33	<20
CC38471		<1	0.07	10	0.43	287	1	0.01	32	810	13	0.06	2	2	52	<20
CC38472		<1	0.08	10	0.52	367	3	0.01	40	890	14	0.04	6	3	37	<20
CC38473		1	0.09	10	0.51	564	4	<0.01	48	1120	22	0.06	5	3	52	<20
CC38474		<1	0.04	10	0.37	185	3	<0.01	30	810	11	0.05	3	2	42	<20
CC38475		<1	0.04	10	0.37	119	3	0.01	45	1310	13	0.14	4	2	70	<20
CC38476		<1	0.04	10	0.38	380	4	<0.01	125	1030	15	0.06	8	2	52	<20
CC38477		<1	0.05	10	0.40	588	3	<0.01	45	1110	14	0.06	8	2	54	<20
CC38478		<1	0.06	10	0.43	583	1	<0.01	25	870	8	0.05	3	2	15	<20
CC38479		<1	0.06	10	0.43	348	2	<0.01	27	590	9	0.02	3	2	10	<20
CC38480		1	0.04	10	0.55	1900	1	<0.01	35	1180	6	0.07	<2	2	18	<20
CC38481		<1	0.06	10	0.48	561	1	<0.01	30	420	11	0.01	<2	3	11	<20
CC38482		1	0.04	10	0.30	598	<1	<0.01	19	550	15	0.02	2	2	18	<20
CC38483		<1	0.04	10	0.31	478	2	<0.01	25	860	15	0.05	2	1	48	<20
CC38484		<1	0.05	10	0.30	225	4	<0.01	20	790	16	0.03	2	1	32	<20
CC38485		1	0.05	10	0.39	1035	3	<0.01	37	1080	22	0.02	<2	1	15	<20
CC38486		<1	0.05	10	0.37	1005	1	<0.01	21	470	16	0.01	4	3	16	<20
CC38487		<1	0.04	10	0.54	348	<1	<0.01	26	420	8	0.02	5	3	11	<20
CC38488		<1	0.05	10	0.40	246	4	<0.01	34	1030	13	0.04	8	2	46	<20
CC38489		<1	0.05	10	0.23	105	5	<0.01	22	1380	19	0.07	5	<1	99	<20
CC38490		1	0.04	10	0.15	64	7	<0.01	15	970	27	0.04	5	1	92	<20

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

Project: Marg Fly

Finalized D...: 30-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07090259

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
CC38491		0.18	0.4	1.51	19	<10	220	<0.5	<2	0.05	<0.5	5	26	60	3.36	<10
CC38492		0.10	0.2	1.28	15	<10	1330	<0.5	<2	1.36	2.9	10	21	78	2.84	<10
CC38493		0.16	0.2	1.19	10	<10	660	<0.5	<2	1.07	0.6	9	21	39	2.69	<10
CC38494		0.12	0.3	1.00	11	<10	420	<0.5	<2	0.76	<0.5	6	18	27	2.32	<10
CC38495		0.20	0.7	1.29	13	<10	570	<0.5	<2	0.74	0.5	8	26	56	3.08	<10
CC29484		0.32	<0.2	1.58	21	<10	260	<0.5	<2	0.15	<0.5	10	23	134	3.52	10
CC29485		0.30	<0.2	1.15	27	<10	350	<0.5	<2	0.28	<0.5	9	19	45	3.08	10
CC29486		0.38	0.5	1.19	56	<10	160	<0.5	<2	0.08	<0.5	5	18	39	3.39	10
CC29487		0.34	0.2	0.99	37	<10	120	<0.5	<2	0.07	<0.5	6	19	42	2.76	<10
CC29488		0.44	0.5	1.26	26	<10	330	<0.5	<2	0.05	0.8	6	18	34	3.01	<10
CC29489		0.36	0.4	1.30	31	<10	630	0.5	<2	0.10	<0.5	9	14	52	3.35	<10
CC29490		0.30	0.5	1.03	23	<10	300	<0.5	<2	0.04	<0.5	5	14	29	2.72	<10
CC29491		0.36	0.5	0.90	19	<10	520	<0.5	<2	0.15	9.5	6	13	29	2.62	<10
CC29492		0.30	0.9	0.93	23	<10	500	<0.5	<2	0.07	<0.5	5	13	32	2.37	<10
CC29493		0.28	0.4	1.15	16	<10	610	<0.5	<2	0.37	<0.5	10	17	48	2.95	<10
CC29494		0.26	0.3	0.94	16	<10	380	<0.5	<2	0.70	1.6	6	14	35	2.42	<10
CC29495		0.28	0.8	1.37	16	<10	330	<0.5	<2	0.25	1.5	9	19	54	3.17	<10
CC29496		0.32	0.5	1.27	22	<10	240	<0.5	<2	0.12	0.9	13	18	51	3.51	<10
CC29497		0.28	0.6	0.96	20	<10	130	<0.5	<2	0.10	0.7	8	15	39	2.59	<10
CC29498		0.20	0.4	1.36	18	<10	260	<0.5	<2	0.61	0.8	11	22	47	3.09	<10

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

Project: Marg Fly

Finalized Date: 30-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07090259

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC38491		1	0.05	20	0.42	144	3	<0.01	30	640	18	0.02	2	2	18	<20
CC38492		<1	0.08	10	0.47	498	2	0.01	40	970	14	0.07	5	3	66	<20
CC38493		<1	0.06	10	0.39	360	2	0.01	28	750	12	0.06	4	3	60	<20
CC38494		<1	0.05	10	0.40	183	1	<0.01	23	680	9	0.04	<2	2	40	<20
CC38495		<1	0.08	10	0.53	314	2	<0.01	35	970	15	0.03	3	3	46	<20
CC29484		<1	0.05	10	0.45	484	1	<0.01	22	770	10	0.05	4	1	14	<20
CC29485		1	0.07	10	0.33	532	1	<0.01	17	860	11	0.06	3	1	21	<20
CC29486		<1	0.04	10	0.30	159	5	<0.01	20	600	14	0.03	8	1	21	<20
CC29487		<1	0.04	10	0.29	348	4	<0.01	24	850	12	0.03	3	<1	22	<20
CC29488		<1	0.05	10	0.26	324	3	<0.01	23	1470	11	0.02	5	1	20	<20
CC29489		1	0.05	20	0.34	336	3	<0.01	36	1000	13	0.03	9	2	17	<20
CC29490		<1	0.05	10	0.19	197	2	0.01	18	1550	12	0.03	8	1	14	<20
CC29491		1	0.06	10	0.25	263	2	0.01	24	1150	13	0.05	9	1	27	<20
CC29492		<1	0.05	10	0.22	120	2	<0.01	21	840	14	0.04	7	1	15	<20
CC29493		<1	0.05	10	0.40	385	2	<0.01	32	1090	14	0.03	8	2	28	<20
CC29494		<1	0.04	10	0.35	255	2	0.01	26	890	10	0.06	4	2	42	<20
CC29495		<1	0.05	10	0.41	288	3	0.01	34	1110	22	0.05	3	2	25	<20
CC29496		<1	0.04	10	0.37	324	3	0.01	34	890	25	0.04	8	2	18	<20
CC29497		<1	0.03	10	0.28	148	2	0.01	29	690	11	0.05	4	1	12	<20
CC29498		<1	0.05	10	0.44	469	2	0.01	31	880	13	0.06	3	2	23	<20

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

Project: Marg Fly

CERTIFICATE OF ANALYSIS VA07090259

Sample Description	Method Analyte Units LOR	ME-ICP41 Tl % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
CC38491		0.02	<10	<10	52	<10	113
CC38492		0.01	<10	<10	38	<10	154
CC38493		0.01	<10	<10	38	<10	113
CC38494		0.02	<10	<10	36	<10	97
CC38495		0.02	<10	<10	44	<10	121
CC29484		0.04	<10	<10	76	<10	104
CC29485		0.02	<10	<10	67	<10	81
CC29486		0.05	<10	<10	61	<10	87
CC29487		0.03	<10	<10	63	<10	104
CC29488		0.02	<10	<10	48	<10	132
CC29489		0.01	<10	<10	33	<10	205
CC29490		0.01	<10	<10	39	<10	106
CC29491		0.01	<10	<10	35	<10	170
CC29492		0.01	<10	<10	33	<10	102
CC29493		0.02	<10	<10	41	<10	140
CC29494		0.02	<10	<10	34	<10	130
CC29495		0.01	<10	<10	45	<10	166
CC29496		0.01	<10	<10	43	<10	164
CC29497		0.01	<10	<10	39	<10	107
CC29498		0.02	<10	<10	42	<10	127

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

Finalized : **11-AUG-2007**
A. ount: **MARPRO**

CERTIFICATE VA07080703

Project: MARG

P.O. No.:

This report is for 200 Soil samples submitted to our lab in Vancouver, BC, Canada on 23-JUL-2007.

The following have access to data associated with this certificate:

STEWART FUMERTON	JOAN MARIACHER	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature: Lawrence Ng

Lawrence Ng, Laboratory Manager - Vancouver

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

Project: MARG

Finalized Date: 11-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07080703

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC29063		0.16	0.7	0.92	22	<10	90	<0.5	<2	0.25	1.5	10	19	40	3.74	<10
CC29064		0.26	1.0	1.19	41	<10	90	<0.5	<2	0.18	1.9	20	26	109	5.01	<10
CC29065		0.14	1.0	1.32	43	<10	120	<0.5	<2	0.34	2.7	15	26	82	5.25	<10
CC29066		0.20	0.6	1.44	34	<10	100	<0.5	<2	0.24	1.0	11	36	129	5.10	<10
CC29067		0.20	0.9	1.52	35	<10	80	<0.5	<2	0.16	4.9	31	35	187	5.07	<10
CC29068		0.24	0.5	1.21	42	<10	40	<0.5	<2	0.26	1.5	24	19	78	5.00	<10
CC29085		0.36	0.9	1.28	31	<10	110	<0.5	<2	0.14	1.6	22	50	116	4.24	<10
CC29086		0.36	0.5	0.91	19	<10	110	<0.5	<2	0.15	0.5	17	32	103	3.46	<10
CC29087		0.30	1.0	1.17	50	<10	160	<0.5	<2	0.15	1.9	13	33	93	4.35	<10
CC29088		0.34	0.8	0.88	24	<10	110	<0.5	<2	0.10	1.0	9	22	70	3.34	<10
CC29089		0.46	0.9	0.88	23	<10	120	<0.5	<2	0.09	0.8	8	20	68	3.28	<10
CC29090		0.46	0.4	0.92	17	<10	100	<0.5	<2	0.10	1.2	10	22	67	2.88	<10
CC29091		0.34	1.0	0.94	20	<10	190	<0.5	<2	0.11	0.8	6	23	63	2.94	<10
CC29092		0.44	1.1	0.67	22	<10	120	<0.5	<2	0.15	0.7	8	20	51	2.66	<10
CC29093		0.24	<0.2	1.23	13	<10	160	<0.5	<2	0.38	<0.5	12	17	43	4.57	<10
CC29094		0.36	0.2	1.31	14	<10	230	<0.5	<2	0.13	<0.5	13	22	34	3.91	<10
CC29095		0.32	2.6	0.42	38	<10	260	<0.5	<2	0.30	1.0	4	9	40	2.73	<10
CC29096		0.36	1.0	1.51	27	<10	140	<0.5	<2	0.27	3.8	26	71	91	4.61	<10
CC29097		0.32	<0.2	1.75	22	<10	90	<0.5	<2	0.22	0.8	24	39	220	3.42	<10
CC29098		0.34	0.2	1.42	82	<10	380	<0.5	<2	0.14	0.6	7	17	39	3.29	<10
CC29121		0.46	0.2	1.21	53	<10	90	<0.5	<2	0.08	0.5	8	17	45	3.53	<10
CC29122		0.40	0.3	1.08	67	<10	100	<0.5	<2	0.06	0.8	8	17	59	3.49	<10
CC29123		0.28	0.5	1.27	33	<10	70	<0.5	<2	0.15	0.9	11	22	60	3.63	<10
CC29124		0.32	0.3	0.92	31	<10	70	<0.5	<2	0.19	1.0	18	18	64	3.59	<10
CC29125		0.36	0.5	1.09	32	<10	80	<0.5	<2	0.22	1.1	20	22	76	4.18	<10
CC29126		0.34	0.6	1.28	39	<10	110	<0.5	<2	0.40	1.0	19	25	88	4.70	<10
CC29127		0.34	0.6	1.32	29	<10	70	<0.5	<2	0.22	2.7	18	25	111	4.85	<10
CC29128		0.42	0.5	1.01	23	<10	50	<0.5	<2	0.17	1.9	16	21	81	4.05	<10
CC29129		0.54	0.5	0.97	25	<10	60	<0.5	<2	0.18	1.5	18	20	85	4.15	<10
CC29130		0.58	0.4	1.12	21	<10	50	<0.5	<2	0.22	1.8	26	21	82	4.76	<10
CC29131		0.44	0.4	0.85	23	<10	50	<0.5	<2	0.22	2.5	23	20	95	4.73	<10
CC29132		0.54	0.3	1.39	13	<10	80	<0.5	<2	0.40	0.7	21	12	42	4.49	<10
CC29133		0.46	0.5	1.26	25	<10	40	<0.5	<2	0.13	0.9	19	30	130	4.20	<10
CC29134		0.36	0.6	1.07	29	<10	80	<0.5	<2	0.04	<0.5	4	23	28	3.29	10
CC29135		0.52	1.2	0.47	38	<10	160	<0.5	<2	0.05	2.3	8	8	60	3.91	<10
CC29136		0.46	0.2	0.41	49	<10	90	<0.5	<2	0.30	<0.5	9	4	16	3.67	<10
CC29137		0.32	0.2	0.83	13	<10	170	<0.5	<2	0.22	0.5	10	13	35	3.72	<10
CC29138		0.42	<0.2	0.51	9	<10	150	<0.5	<2	0.44	0.7	12	7	48	3.79	<10
CC29139		0.42	0.6	1.03	17	<10	100	<0.5	<2	0.12	2.6	18	24	101	4.58	<10
CC29140		0.32	0.8	1.11	26	<10	130	<0.5	<2	0.09	1.7	15	22	97	4.67	<10

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

Project: MARG

Finalized Date: 11-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07080703

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC29063		<1	0.03	20	0.48	324	6	0.01	26	1260	26	0.07	4	1	24	<20
CC29064		<1	0.03	40	0.60	736	8	0.01	50	1530	24	0.06	7	3	24	<20
CC29065		<1	0.03	30	0.64	492	8	0.01	52	1300	30	0.07	6	3	26	<20
CC29066		<1	0.03	40	0.75	300	6	0.01	49	1460	25	0.06	4	3	22	<20
CC29067		<1	0.03	50	0.66	540	5	0.01	93	1310	27	0.10	4	4	16	<20
CC29068		<1	0.03	40	0.64	519	4	0.01	57	840	31	0.06	2	2	17	<20
CC29085		<1	0.03	30	0.73	619	5	0.01	66	1210	17	0.08	<2	5	23	<20
CC29086		<1	0.02	30	0.57	565	3	<0.01	47	970	14	0.06	<2	4	20	<20
CC29087		<1	0.03	30	0.55	427	8	0.01	58	1250	23	0.06	3	3	16	<20
CC29088		<1	0.02	30	0.43	302	6	0.01	32	1020	13	0.06	3	2	15	<20
CC29089		<1	0.02	30	0.44	354	7	0.01	27	1060	18	0.05	3	2	19	<20
CC29090		<1	0.02	20	0.44	378	3	<0.01	38	670	13	0.03	3	2	12	<20
CC29091		<1	0.03	30	0.43	233	6	0.01	24	980	18	0.06	4	1	29	<20
CC29092		<1	0.02	20	0.34	234	5	<0.01	20	1200	12	0.05	5	2	22	<20
CC29093		<1	0.04	40	0.50	454	2	0.01	26	940	36	0.07	<2	2	28	<20
CC29094		<1	0.04	30	0.73	469	1	0.01	31	860	19	0.05	<2	3	21	<20
CC29095		<1	0.05	20	0.12	95	15	0.01	23	2660	23	0.12	13	1	76	<20
CC29096		<1	0.02	10	0.91	1045	5	0.01	92	1440	11	0.06	<2	6	28	<20
CC29097		<1	0.04	10	0.82	503	1	0.01	48	830	8	0.05	2	3	15	<20
CC29098		<1	0.04	10	0.46	352	2	0.01	18	720	16	0.04	<2	2	12	<20
CC29121		<1	0.03	10	0.36	247	2	<0.01	26	790	18	0.04	<2	2	8	<20
CC29122		<1	0.04	10	0.34	242	3	<0.01	30	750	17	0.05	<2	2	8	<20
CC29123		<1	0.03	20	0.48	281	3	<0.01	40	1040	16	0.04	<2	3	11	<20
CC29124		<1	0.02	20	0.41	505	2	<0.01	41	870	18	0.04	5	3	9	<20
CC29125		<1	0.02	30	0.49	553	2	<0.01	49	1010	21	0.04	6	4	11	<20
CC29126		<1	0.03	30	0.56	399	2	<0.01	45	970	27	0.07	<2	5	18	<20
CC29127		<1	0.02	30	0.64	452	3	0.01	68	1140	25	0.06	5	5	9	<20
CC29128		<1	0.02	30	0.51	454	2	<0.01	56	970	16	0.04	3	4	7	<20
CC29129		<1	0.02	30	0.48	483	2	<0.01	54	1020	20	0.04	3	4	8	<20
CC29130		<1	0.03	30	0.58	767	2	<0.01	70	990	17	0.03	<2	4	12	<20
CC29131		<1	0.02	30	0.43	612	3	<0.01	72	1320	18	0.05	3	4	10	<20
CC29132		<1	0.05	50	0.77	990	1	0.01	40	1800	31	0.05	<2	3	23	30
CC29133		<1	0.02	30	0.66	591	2	<0.01	50	940	17	0.04	4	5	8	<20
CC29134		<1	0.03	10	0.16	98	4	0.01	12	840	16	0.07	2	<1	10	<20
CC29135		<1	0.04	20	0.08	168	11	<0.01	46	1180	27	0.09	6	1	25	<20
CC29136		<1	0.08	10	0.13	330	2	0.01	20	860	20	0.05	4	1	15	<20
CC29137		<1	0.07	30	0.36	235	3	<0.01	27	690	29	0.03	2	2	22	<20
CC29138		<1	0.05	30	0.28	552	2	<0.01	27	1070	24	0.04	2	3	25	<20
CC29139		<1	0.03	30	0.53	536	5	<0.01	72	920	19	0.02	3	3	16	<20
CC29140		<1	0.03	30	0.47	516	5	0.01	71	1150	24	0.07	3	2	22	<20

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

Project: MARG

Finalized D...: 11-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07080703

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC29063		0.01	<10	<10	31	<10	171
CC29064		0.01	<10	<10	41	<10	289
CC29065		0.01	<10	<10	38	<10	371
CC29066		0.01	<10	<10	45	<10	280
CC29067		0.01	<10	<10	46	<10	427
CC29068		0.01	<10	<10	18	<10	277
CC29085		0.01	<10	<10	58	<10	195
CC29086		0.02	<10	<10	48	<10	102
CC29087		0.01	<10	<10	47	<10	272
CC29088		0.02	<10	<10	40	<10	126
CC29089		0.04	<10	<10	39	<10	110
CC29090		0.03	<10	<10	32	<10	133
CC29091		0.03	<10	<10	40	<10	106
CC29092		0.01	<10	<10	37	<10	106
CC29093		0.01	<10	<10	21	<10	128
CC29094		0.03	<10	<10	23	<10	84
CC29095		0.01	<10	<10	43	<10	212
CC29096		0.02	<10	<10	67	<10	288
CC29097		0.07	<10	<10	59	<10	161
CC29098		0.02	<10	<10	33	<10	111
CC29121		0.02	<10	<10	28	<10	134
CC29122		0.02	<10	<10	35	<10	152
CC29123		0.03	<10	<10	40	<10	187
CC29124		<0.01	<10	<10	34	<10	130
CC29125		0.01	<10	<10	41	<10	155
CC29126		<0.01	<10	<10	45	<10	150
CC29127		0.01	<10	<10	49	<10	273
CC29128		0.01	<10	<10	38	<10	225
CC29129		0.01	<10	<10	37	<10	206
CC29130		<0.01	<10	<10	29	<10	244
CC29131		<0.01	<10	<10	35	<10	310
CC29132		<0.01	<10	<10	12	<10	150
CC29133		0.01	<10	<10	50	<10	128
CC29134		0.02	<10	<10	65	<10	62
CC29135		<0.01	<10	<10	27	<10	475
CC29136		<0.01	<10	<10	5	<10	120
CC29137		<0.01	<10	<10	15	<10	124
CC29138		<0.01	<10	<10	13	<10	105
CC29139		0.01	<10	<10	42	<10	361
CC29140		0.01	<10	<10	35	<10	287

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07080703

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC29141		0.40	0.8	1.61	43	<10	120	<0.5	<2	0.33	1.4	31	50	204	5.52	<10
CC29142		0.34	0.3	1.45	49	<10	160	<0.5	<2	0.35	0.6	32	45	103	5.09	<10
CC29143		0.36	0.2	1.34	20	<10	120	<0.5	<2	0.17	0.5	12	28	48	3.49	<10
CC29144		0.30	<0.2	1.93	15	<10	120	<0.5	<2	0.28	0.6	17	39	85	4.43	10
CC29145		0.46	0.9	1.09	42	<10	110	<0.5	<2	0.13	0.6	5	22	64	3.48	<10
CC29146		0.26	0.8	1.05	13	<10	210	<0.5	<2	0.15	0.5	6	27	39	2.62	<10
CC29147		0.42	0.3	1.01	31	<10	260	<0.5	<2	0.27	2.0	31	5	49	4.54	<10
CC29148		0.32	0.8	0.62	51	<10	110	<0.5	<2	0.24	1.4	11	9	36	4.36	<10
CC29149		0.38	3.4	0.72	54	<10	380	<0.5	<2	0.33	1.6	7	21	82	6.10	<10
CC29150		0.44	1.9	0.39	42	<10	140	<0.5	<2	0.13	3.4	6	10	70	4.93	<10
CC29151		0.20	1.7	0.98	36	<10	40	<0.5	<2	0.14	2.2	22	24	70	5.42	<10
CC29152		0.10	1.1	0.49	50	<10	80	<0.5	<2	1.68	5.8	13	14	72	2.76	<10
CC29153		0.14	1.4	0.61	72	<10	130	<0.5	<2	2.49	3.8	19	16	105	4.74	<10
CC29154		0.24	2.3	0.87	39	<10	170	<0.5	<2	0.71	8.2	14	39	148	3.97	<10
CC29155		0.20	1.4	1.26	24	<10	160	<0.5	<2	0.60	5.3	29	35	135	6.00	<10
CC29156		0.34	1.3	0.75	29	<10	110	<0.5	<2	0.37	5.4	21	20	97	5.44	<10
CC29157		0.24	1.3	1.11	25	<10	140	<0.5	<2	0.49	4.8	24	30	94	6.37	<10
CC29158		0.36	1.4	1.57	64	<10	220	<0.5	<2	0.47	12.9	33	48	200	7.55	<10
CC29159		0.32	0.9	1.27	38	<10	90	<0.5	<2	0.28	7.2	23	28	101	5.52	<10
CC29160		0.22	4.7	0.68	53	<10	110	<0.5	2	0.14	1.8	7	15	88	4.84	<10
CC29161		0.20	1.3	0.95	42	<10	60	<0.5	<2	0.31	1.4	16	18	55	5.43	<10
CC29162		0.32	0.6	1.75	38	<10	320	<0.5	<2	1.20	3.5	39	56	154	7.22	10
CC29163		0.26	1.3	1.31	41	<10	290	<0.5	<2	0.70	3.1	24	57	188	5.01	<10
CC29164		0.34	0.8	1.24	41	<10	430	0.6	<2	0.04	5.3	18	19	157	12.45	<10
CC29165		0.20	0.7	0.97	8	<10	70	<0.5	<2	0.05	0.5	6	19	39	3.45	<10
CC29166		0.30	1.8	0.35	21	<10	210	<0.5	<2	0.07	1.0	6	12	61	2.56	<10
CC29167		0.16	1.2	0.68	33	<10	120	<0.5	<2	0.22	1.8	6	15	52	2.89	<10
CC29168		0.30	1.4	0.86	28	<10	170	<0.5	<2	0.12	1.1	9	20	106	3.84	<10
CC29169		0.24	0.4	0.78	237	<10	240	<0.5	<2	0.13	<0.5	5	5	14	3.20	<10
CC29170		0.24	<0.2	1.16	155	<10	390	<0.5	<2	0.20	<0.5	9	15	48	3.50	<10
CC29171		0.20	0.3	0.95	38	<10	160	<0.5	<2	0.22	0.5	10	22	80	3.33	<10
CC29172		0.22	0.6	0.80	24	<10	150	<0.5	<2	0.15	2.1	6	18	32	2.99	<10
CC29173		0.36	0.2	0.63	16	<10	170	<0.5	<2	0.12	<0.5	5	8	23	2.87	<10
CC29174		0.32	0.5	0.98	12	<10	340	<0.5	<2	0.17	0.6	5	13	34	3.14	<10
CC29175		0.38	0.3	1.07	14	<10	140	<0.5	<2	0.16	1.0	10	15	49	3.76	<10
CC29176		0.30	0.5	1.17	30	<10	260	<0.5	<2	0.23	0.9	9	21	51	4.14	<10
CC29177		0.52	0.4	0.94	53	<10	90	<0.5	2	0.09	1.0	11	19	74	4.28	<10
CC29178		0.34	0.5	0.87	59	<10	140	<0.5	<2	0.10	0.5	4	15	42	3.54	<10
CC29179		0.30	1.1	1.04	41	<10	90	<0.5	<2	0.13	1.6	18	29	114	4.89	<10
CC29180		0.30	0.5	0.94	22	<10	30	<0.5	2	0.14	1.2	18	27	107	4.39	<10

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

Project: MARG

Finalized D...: 11-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07080703

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC29141		<1	0.03	10	1.06	969	5	<0.01	86	1500	12	0.06	4	7	27	<20
CC29142		<1	0.03	10	0.64	1185	1	<0.01	54	930	10	0.03	2	7	11	<20
CC29143		<1	0.04	10	0.46	442	1	0.01	37	780	10	0.01	2	3	11	<20
CC29144		<1	0.03	10	0.92	767	1	<0.01	34	970	8	0.04	<2	6	13	<20
CC29145		<1	0.03	10	0.43	187	5	<0.01	24	1100	19	0.03	4	2	18	<20
CC29146		<1	0.04	10	0.26	263	3	<0.01	20	1300	10	0.07	<2	<1	10	<20
CC29147		<1	0.06	30	0.40	887	3	<0.01	41	1150	70	0.08	6	2	36	<20
CC29148		<1	0.06	20	0.32	356	6	<0.01	36	990	35	0.04	7	2	25	<20
CC29149		<1	0.04	10	0.28	174	17	0.01	39	1920	32	0.12	2	2	47	<20
CC29150		<1	0.03	10	0.19	177	11	0.02	41	1540	21	0.08	4	1	37	<20
CC29151		<1	0.02	20	0.57	633	9	<0.01	48	1530	24	0.01	6	2	8	<20
CC29152		1	0.03	10	0.29	653	4	0.01	86	1330	9	0.18	4	1	54	<20
CC29153		<1	0.03	10	0.45	501	4	0.01	82	1550	11	0.19	6	2	74	<20
CC29154		<1	0.03	10	0.53	272	6	<0.01	86	2450	16	0.09	8	2	62	<20
CC29155		<1	0.03	20	0.89	607	12	<0.01	91	2020	19	0.06	4	3	87	<20
CC29156		<1	0.03	20	0.52	507	9	<0.01	77	1720	14	0.03	5	2	40	<20
CC29157		1	0.03	20	0.80	535	8	<0.01	79	1620	16	0.03	3	3	36	<20
CC29158		<1	0.03	10	0.93	831	9	<0.01	148	2010	17	0.04	5	4	27	<20
CC29159		<1	0.02	20	0.76	419	5	<0.01	114	1200	19	0.02	4	2	18	<20
CC29160		<1	0.04	20	0.29	134	15	<0.01	45	1830	35	0.12	8	1	19	<20
CC29161		<1	0.03	20	0.53	412	6	<0.01	44	1240	37	0.05	5	2	22	<20
CC29162		<1	0.11	10	1.68	1095	6	0.01	110	1350	9	0.08	4	8	60	<20
CC29163		<1	0.06	10	0.98	479	15	<0.01	76	1410	15	0.12	12	4	84	<20
CC29164		<1	0.02	20	0.50	285	8	<0.01	131	1460	20	0.02	14	3	10	<20
CC29165		<1	0.03	20	0.38	236	4	0.12	17	750	14	0.05	4	1	11	<20
CC29166		1	0.07	10	0.16	99	19	0.01	38	610	16	0.17	8	<1	19	<20
CC29167		<1	0.06	10	0.27	270	6	0.01	25	1400	31	0.12	<2	<1	25	<20
CC29168		<1	0.03	10	0.37	330	9	<0.01	35	1540	41	0.06	3	1	32	<20
CC29169		<1	0.05	20	0.18	241	2	<0.01	12	870	51	0.02	<2	1	13	<20
CC29170		<1	0.04	20	0.36	397	1	<0.01	19	860	21	0.04	2	1	14	<20
CC29171		<1	0.03	10	0.40	423	2	<0.01	32	920	12	0.05	3	2	13	<20
CC29172		<1	0.04	10	0.22	176	5	<0.01	24	1010	13	0.05	3	<1	11	<20
CC29173		<1	0.03	20	0.22	194	2	<0.01	14	680	16	<0.01	<2	1	10	<20
CC29174		<1	0.04	20	0.36	234	3	<0.01	22	960	20	0.02	2	2	13	<20
CC29175		<1	0.03	30	0.51	340	3	<0.01	33	870	21	<0.01	3	3	13	<20
CC29176		<1	0.05	20	0.52	388	3	<0.01	36	1080	20	0.02	3	3	16	<20
CC29177		<1	0.02	30	0.33	290	4	<0.01	43	1010	27	<0.01	2	3	11	<20
CC29178		<1	0.05	30	0.22	132	4	<0.01	28	1040	32	0.02	3	1	13	<20
CC29179		<1	0.03	30	0.38	442	5	<0.01	65	1480	33	0.02	5	4	12	<20
CC29180		<1	0.02	30	0.48	404	2	<0.01	62	740	19	0.01	5	5	6	<20

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

Project: MARG

Finalized Date: 11-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07080703

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Tl % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
CC29141		0.02	<10	<10	78	<10	238
CC29142		0.02	<10	<10	54	<10	99
CC29143		0.03	<10	<10	50	<10	95
CC29144		0.03	<10	<10	95	<10	96
CC29145		0.02	<10	<10	36	<10	121
CC29146		0.01	<10	<10	52	<10	79
CC29147		0.04	<10	<10	8	<10	165
CC29148		<0.01	<10	<10	14	<10	287
CC29149		<0.01	<10	<10	85	<10	337
CC29150		<0.01	<10	<10	31	<10	362
CC29151		0.02	<10	<10	26	<10	378
CC29152		<0.01	<10	<10	11	<10	950
CC29153		<0.01	<10	<10	21	<10	445
CC29154		<0.01	<10	<10	44	<10	376
CC29155		0.01	<10	<10	63	<10	630
CC29156		0.01	<10	<10	37	<10	529
CC29157		0.01	<10	<10	46	<10	561
CC29158		0.01	<10	<10	68	<10	956
CC29159		0.03	<10	<10	35	<10	629
CC29160		<0.01	<10	<10	34	<10	304
CC29161		0.01	<10	<10	22	<10	244
CC29162		0.08	<10	<10	87	<10	416
CC29163		0.04	<10	<10	86	<10	486
CC29164		0.02	<10	<10	46	<10	1380
CC29165		0.02	<10	<10	39	<10	118
CC29166		0.01	<10	<10	43	<10	248
CC29167		0.01	<10	<10	32	<10	125
CC29168		0.01	<10	<10	48	<10	171
CC29169		0.01	<10	<10	14	<10	91
CC29170		0.02	<10	<10	32	<10	87
CC29171		0.01	<10	<10	34	<10	112
CC29172		0.01	<10	<10	43	<10	197
CC29173		0.01	<10	<10	14	<10	114
CC29174		<0.01	<10	<10	24	<10	128
CC29175		0.01	<10	<10	26	<10	198
CC29176		0.01	<10	<10	40	<10	189
CC29177		0.01	<10	<10	32	<10	198
CC29178		<0.01	<10	<10	27	<10	138
CC29179		<0.01	<10	<10	67	<10	236
CC29180		0.01	<10	<10	47	<10	178

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07080703

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC29181		0.22	0.5	0.88	22	<10	40	<0.5	<2	0.16	1.5	17	20	94	4.32	<10
CC29182		0.36	0.3	1.05	20	<10	80	<0.5	<2	0.21	1.3	17	22	93	4.53	<10
CC29183		0.36	0.5	1.22	30	<10	80	<0.5	<2	0.23	1.1	23	25	107	5.23	<10
CC29184		0.38	1.2	0.95	38	<10	200	<0.5	<2	0.27	1.7	20	25	160	4.12	<10
CC29185		0.16	0.2	1.10	14	<10	50	<0.5	<2	0.08	0.6	8	28	73	3.37	<10
CC29186		0.20	0.3	0.89	13	<10	60	<0.5	<2	0.06	<0.5	4	27	21	3.70	10
CC29187		0.46	0.6	1.33	21	<10	100	<0.5	<2	0.11	1.1	7	28	85	4.13	<10
CC29188		0.26	0.6	0.71	18	<10	280	<0.5	<2	1.92	3.9	17	21	80	3.60	<10
CC29189		0.30	0.4	2.22	12	<10	370	<0.5	<2	1.06	4.2	30	72	103	5.71	10
CC29190		0.02	0.3	1.29	8	<10	220	<0.5	<2	1.46	9.1	24	40	99	3.08	<10
CC29191		0.24	1.1	2.16	26	<10	250	<0.5	<2	0.82	5.2	31	85	137	6.06	10
CC29192		0.36	0.7	1.99	22	<10	160	<0.5	<2	0.46	3.2	24	70	122	5.33	10
CC29193		0.14	1.3	1.06	10	<10	180	<0.5	<2	0.27	4.3	7	21	107	2.54	<10
CC29194		0.18	1.2	0.86	47	<10	80	<0.5	<2	0.09	1.7	7	23	56	4.16	<10
CC29195		0.16	2.7	0.43	19	<10	70	<0.5	<2	0.05	1.4	3	11	38	1.86	<10
CC29196		0.18	3.6	0.58	25	<10	100	<0.5	<2	0.07	1.9	3	15	51	2.49	<10
CC29197		0.40	2.6	1.09	47	<10	200	<0.5	<2	0.20	2.2	8	24	82	3.78	<10
CC29198		0.28	0.3	1.23	33	<10	90	<0.5	2	0.27	0.6	19	16	68	4.73	<10
CC29199		0.26	0.6	1.09	60	<10	40	<0.5	<2	0.18	1.9	25	21	102	4.69	<10
CC29200		0.22	0.5	1.05	57	<10	60	<0.5	<2	0.28	1.2	20	20	93	4.35	<10
CC29201		0.28	0.4	0.94	43	<10	60	<0.5	<2	0.18	0.9	14	19	71	3.86	<10
CC29202		0.32	3.7	2.37	299	<10	130	0.6	<2	0.12	10.3	14	35	503	23.7	<10
CC29203		0.38	0.2	1.27	13	<10	70	<0.5	<2	0.08	0.5	6	24	28	3.02	<10
CC29204		0.34	3.7	3.48	100	<10	290	0.6	<2	0.54	19.3	41	87	207	13.6	10
CC29205		0.34	3.6	0.64	71	<10	200	<0.5	<2	0.09	1.3	3	12	61	3.52	<10
CC29206		0.36	1.6	0.34	21	<10	150	<0.5	<2	0.11	1.4	3	10	50	3.55	<10
CC29207		0.34	<0.2	0.91	<2	<10	40	<0.5	<2	0.25	<0.5	10	5	21	4.00	<10
CC29208		0.32	0.2	0.56	10	<10	40	<0.5	<2	0.18	0.5	13	8	38	3.82	<10
CC29209		0.44	1.1	0.87	18	<10	150	<0.5	<2	0.17	0.8	10	25	62	2.98	<10
CC29210		0.28	0.7	0.80	18	<10	100	<0.5	<2	0.14	1.1	11	23	58	2.95	<10
CC29211		0.44	0.5	0.96	22	<10	110	<0.5	<2	0.10	0.5	9	25	66	3.41	<10
CC29212		0.46	0.7	1.10	33	<10	110	<0.5	<2	0.10	<0.5	10	25	77	3.76	<10
CC29213		0.42	0.2	0.77	17	<10	50	<0.5	<2	0.10	<0.5	9	20	53	3.02	<10
CC29214		0.38	0.8	1.38	48	<10	70	<0.5	<2	0.18	1.9	23	49	99	4.13	<10
CC29215		0.38	0.6	1.28	36	<10	110	<0.5	<2	0.14	0.8	17	38	92	3.67	<10
CC29216		0.34	1.8	1.67	128	<10	110	<0.5	<2	0.20	2.6	28	30	106	5.44	<10
CC29217		0.30	0.7	1.31	42	<10	90	<0.5	<2	0.07	0.7	14	26	79	4.94	<10
CC29218		0.26	0.7	1.02	21	<10	120	<0.5	<2	0.13	<0.5	9	26	59	3.88	<10
CC29219		0.36	2.1	0.65	22	<10	200	<0.5	<2	0.23	<0.5	4	21	62	2.96	<10
CC29220		0.32	1.9	0.74	36	<10	200	<0.5	<2	0.25	1.5	12	27	92	2.85	<10

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07080703

Sample Description	Method Analyte Units LOR	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20
CC29181		<1	0.02	30	0.41	377	2	<0.01	53	940	19	0.01	4	4	7	<20
CC29182		<1	0.04	30	0.52	408	2	<0.01	51	950	23	0.01	5	5	8	<20
CC29183		<1	0.03	30	0.63	548	2	<0.01	56	990	27	0.01	4	5	8	<20
CC29184		<1	0.04	10	0.47	539	9	<0.01	48	1690	16	0.08	5	3	40	<20
CC29185		<1	0.03	10	0.39	203	2	<0.01	25	670	5	0.06	<2	1	7	<20
CC29186		<1	0.03	10	0.24	162	4	<0.01	18	530	14	0.03	2	1	7	<20
CC29187		<1	0.03	20	0.67	190	4	<0.01	26	910	15	0.01	4	2	14	<20
CC29188		<1	0.04	10	0.50	764	5	0.01	44	1450	9	0.15	<2	2	78	<20
CC29189		<1	0.10	10	1.84	975	4	<0.01	86	620	10	0.04	<2	8	45	<20
CC29190		<1	0.07	10	1.13	571	2	0.01	84	1200	5	0.10	2	3	66	<20
CC29191		<1	0.04	10	1.74	897	8	<0.01	94	1410	11	0.09	6	7	45	<20
CC29192		<1	0.03	10	1.47	597	5	<0.01	78	1190	6	0.02	3	7	25	<20
CC29193		<1	0.04	20	0.35	107	5	<0.01	26	1220	12	0.09	4	1	16	<20
CC29194		<1	0.03	10	0.36	424	4	<0.01	31	720	15	0.03	3	1	8	<20
CC29195		<1	0.03	10	0.09	66	4	<0.01	17	1230	25	0.07	4	<1	9	<20
CC29196		<1	0.04	10	0.12	88	6	<0.01	22	1630	33	0.10	3	<1	12	<20
CC29197		<1	0.04	10	0.42	279	7	<0.01	36	1720	75	0.04	3	2	17	<20
CC29198		<1	0.04	30	0.66	783	2	<0.01	45	1070	21	0.01	2	2	20	<20
CC29199		<1	0.02	30	0.50	471	3	<0.01	66	1100	19	0.01	7	4	8	<20
CC29200		<1	0.02	30	0.48	396	3	<0.01	54	1000	18	0.01	4	4	9	<20
CC29201		1	0.02	20	0.44	291	3	<0.01	40	890	16	<0.01	4	3	6	<20
CC29202		<1	0.04	40	0.16	343	35	<0.01	111	8260	33	0.60	19	4	62	<20
CC29203		<1	0.04	10	0.31	283	2	<0.01	18	590	10	0.02	3	1	8	<20
CC29204		<1	0.09	40	1.34	1465	20	0.02	166	4980	39	0.21	6	4	85	<20
CC29205		<1	0.06	10	0.14	121	28	<0.01	19	2510	27	0.15	36	1	103	<20
CC29206		<1	0.05	10	0.11	150	14	0.01	29	2170	25	0.13	11	<1	68	<20
CC29207		1	0.02	40	0.60	516	1	<0.01	17	1060	24	<0.01	<2	2	17	<20
CC29208		<1	0.02	30	0.28	461	1	<0.01	30	630	27	<0.01	2	2	14	<20
CC29209		<1	0.02	30	0.44	268	9	0.01	29	1230	25	0.03	4	2	25	<20
CC29210		<1	0.02	20	0.39	289	5	0.01	39	990	15	0.02	5	2	19	<20
CC29211		<1	0.02	30	0.45	318	5	0.01	33	900	15	0.03	4	3	13	<20
CC29212		<1	0.02	30	0.56	463	6	0.01	36	890	20	0.04	3	3	13	<20
CC29213		<1	0.01	20	0.38	276	3	<0.01	35	690	11	0.02	3	2	8	<20
CC29214		<1	0.02	30	0.86	618	5	<0.01	62	1040	14	0.02	4	5	10	<20
CC29215		<1	0.02	30	0.67	484	4	0.01	56	930	15	0.03	4	3	12	<20
CC29216		<1	0.03	40	0.68	728	8	0.01	72	1970	47	0.04	8	3	16	<20
CC29217		<1	0.03	40	0.56	291	8	0.01	49	1150	27	0.05	6	2	16	<20
CC29218		<1	0.02	30	0.41	268	6	0.01	33	1050	22	0.04	5	3	12	<20
CC29219		<1	0.03	40	0.29	158	11	0.01	15	2260	26	0.08	13	2	62	<20
CC29220		<1	0.04	40	0.38	220	9	0.01	28	1990	27	0.07	8	3	54	<20

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

Finalized Date: 11-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07080703

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC29181		0.01	<10	<10	43	<10	183
CC29182		0.01	<10	<10	43	<10	181
CC29183		0.01	<10	<10	53	<10	173
CC29184		0.02	<10	<10	55	<10	307
CC29185		0.07	<10	<10	59	<10	126
CC29186		0.04	<10	<10	64	<10	94
CC29187		0.03	<10	<10	51	<10	214
CC29188		0.02	<10	<10	35	<10	295
CC29189		0.09	<10	<10	115	<10	433
CC29190		0.06	<10	<10	58	<10	457
CC29191		0.01	<10	<10	121	<10	523
CC29192		0.03	<10	<10	105	<10	418
CC29193		0.02	<10	<10	39	<10	155
CC29194		0.02	<10	<10	41	<10	199
CC29195		<0.01	<10	<10	29	<10	114
CC29196		<0.01	<10	<10	40	<10	153
CC29197		0.01	<10	<10	48	<10	327
CC29198		0.01	<10	<10	14	<10	151
CC29199		0.01	<10	<10	43	<10	210
CC29200		<0.01	<10	<10	41	<10	179
CC29201		<0.01	<10	<10	36	<10	160
CC29202		<0.01	<10	50	138	<10	1990
CC29203		0.04	<10	<10	52	<10	77
CC29204		0.03	<10	<10	195	<10	1070
CC29205		0.01	<10	10	50	<10	169
CC29206		<0.01	<10	<10	36	<10	229
CC29207		<0.01	<10	<10	7	<10	79
CC29208		0.01	<10	<10	8	<10	115
CC29209		0.01	<10	<10	41	<10	137
CC29210		0.03	<10	<10	33	<10	173
CC29211		0.02	<10	<10	39	<10	134
CC29212		0.03	<10	<10	41	<10	134
CC29213		0.01	<10	<10	30	<10	120
CC29214		0.01	<10	<10	60	<10	255
CC29215		0.01	<10	<10	42	<10	209
CC29216		0.01	<10	<10	50	<10	348
CC29217		<0.01	<10	<10	37	<10	262
CC29218		0.01	<10	<10	43	<10	149
CC29219		0.04	<10	<10	57	<10	81
CC29220		0.01	<10	<10	56	<10	147

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

Project: MARG

Finalized Date: 11-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07080703

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
CC29221		0.38	1.6	1.20	20	<10	190	<0.5	<2	0.16	1.4	13	30	99	4.38	<10
CC29222		0.26	0.3	1.60	23	<10	100	<0.5	2	0.17	0.6	21	35	91	5.62	<10
CC29223		0.28	<0.2	0.96	15	<10	90	<0.5	<2	0.21	<0.5	13	14	44	4.77	<10
CC29224		0.32	0.2	0.92	17	<10	70	<0.5	<2	0.09	<0.5	10	11	24	3.52	<10
CC29225		0.30	2.5	0.55	46	<10	270	<0.5	<2	0.65	2.2	3	17	96	3.40	<10
CC29226		0.28	2.3	0.85	41	<10	220	<0.5	<2	0.11	1.5	6	20	64	4.15	<10
CC29227		0.36	1.3	1.44	46	<10	200	<0.5	<2	0.30	8.3	31	47	117	6.39	<10
CC29228		0.38	0.9	0.71	43	<10	60	<0.5	<2	0.13	1.3	11	15	60	4.00	<10
CC29229		0.30	0.3	1.22	26	<10	100	<0.5	<2	0.10	<0.5	11	27	62	3.88	<10
CC29230		0.38	0.6	0.70	27	<10	100	<0.5	<2	0.19	3.3	22	24	84	4.36	<10
CC29231		0.34	0.3	0.83	26	<10	150	<0.5	<2	0.25	1.1	14	13	57	4.06	<10
CC29232		0.32	0.3	0.92	15	<10	140	<0.5	<2	0.27	0.7	11	13	53	3.88	<10
CC29233		0.30	0.3	1.03	19	<10	240	<0.5	<2	0.34	1.2	11	13	40	4.23	<10
CC29234		0.44	<0.2	0.67	12	<10	190	<0.5	<2	0.21	<0.5	9	9	27	3.16	<10
CC29235		0.32	0.7	0.47	34	<10	180	<0.5	<2	0.17	1.4	9	7	36	3.70	<10
CC29236		0.42	0.9	0.97	72	<10	80	<0.5	2	0.08	9.1	16	23	135	5.39	<10
CC29237		0.28	1.1	1.05	29	<10	80	<0.5	<2	0.21	1.5	12	20	116	3.17	<10
CC29238		0.28	0.6	1.61	50	<10	120	<0.5	<2	0.06	<0.5	7	25	39	3.51	<10
CC29239		0.26	1.1	1.23	38	<10	70	<0.5	<2	0.10	<0.5	6	22	51	2.88	<10
CC29240		0.26	0.4	1.16	48	<10	70	<0.5	<2	0.08	<0.5	13	31	96	3.80	<10
CC29241		0.34	1.8	2.25	127	<10	520	0.5	<2	0.74	1.4	35	8	302	9.01	10
CC29242		0.28	<0.2	0.42	14	<10	150	<0.5	<2	0.14	<0.5	3	3	11	1.33	<10
CC29243		0.30	0.6	0.68	131	<10	90	<0.5	<2	0.08	<0.5	15	21	93	4.34	<10
CC29244		0.32	0.5	0.55	154	<10	50	<0.5	<2	0.08	1.1	17	14	123	3.87	<10
CC29245		0.30	0.6	1.06	29	<10	60	<0.5	<2	0.05	<0.5	5	21	28	3.20	<10
CC29246		0.24	2.9	0.78	25	<10	140	<0.5	<2	0.14	2.2	18	18	52	3.10	<10
CC29247		0.34	0.6	0.96	29	<10	120	<0.5	<2	0.08	3.4	11	25	82	4.64	<10
CC29248		0.36	0.8	1.05	38	<10	110	<0.5	<2	0.16	3.1	16	20	105	5.91	<10
CC29249		0.36	0.2	0.95	15	<10	420	<0.5	<2	0.19	<0.5	5	22	28	3.13	<10
CC29250		0.38	0.9	0.44	26	<10	230	<0.5	<2	0.08	1.5	10	7	41	4.52	<10
CC29251		0.46	0.3	1.15	32	<10	230	<0.5	<2	0.17	0.7	10	22	66	3.90	<10
CC29252		0.28	<0.2	1.56	28	<10	230	<0.5	<2	0.14	<0.5	11	45	59	3.81	<10
CC29253		0.46	0.4	0.68	44	<10	90	<0.5	<2	0.12	1.1	10	18	62	3.63	<10
CC29254		0.38	0.5	0.76	35	<10	50	<0.5	<2	0.09	1.2	15	19	89	3.95	<10
CC29255		0.44	9.1	0.14	414	<10	220	<0.5	9	0.06	<0.5	6	4	174	3.40	<10
CC29256		0.30	1.8	0.85	66	<10	110	<0.5	<2	0.06	0.5	10	25	80	4.45	<10
CC29257		0.36	1.5	1.18	18	<10	170	<0.5	<2	0.09	<0.5	7	46	64	5.14	<10
CC29258		0.28	<0.2	1.38	15	<10	80	<0.5	<2	0.08	<0.5	13	23	72	3.04	<10
CC29259		0.46	0.9	1.45	14	<10	150	<0.5	<2	0.13	0.7	10	25	92	4.30	<10
CC29260		0.32	0.3	2.90	50	<10	110	<0.5	<2	0.21	1.2	32	60	135	6.41	10

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

Project: MARG

Finalized Date: 11-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07080703

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC29221		<1	0.03	30	0.62	307	10	0.01	34	1470	23	0.09	5	3	35	<20
CC29222		<1	0.03	50	0.89	773	2	0.01	54	720	24	0.04	2	4	23	<20
CC29223		<1	0.04	30	0.35	542	1	0.01	37	770	29	0.03	3	2	17	<20
CC29224		<1	0.03	30	0.37	416	3	<0.01	20	690	24	0.04	4	1	20	<20
CC29225		<1	0.06	10	0.18	80	15	0.01	41	4370	21	0.14	16	2	151	<20
CC29226		<1	0.07	10	0.18	276	9	0.03	26	2530	24	0.25	10	1	63	<20
CC29227		<1	0.03	10	0.75	1065	7	0.01	129	1770	9	0.04	7	6	27	<20
CC29228		<1	0.03	30	0.21	291	6	0.01	53	1190	15	0.04	7	2	12	<20
CC29229		<1	0.04	20	0.37	409	2	0.01	48	1000	23	0.03	8	2	10	<20
CC29230		<1	0.03	40	0.25	514	5	0.01	87	1190	19	0.02	4	4	21	<20
CC29231		<1	0.05	30	0.38	464	2	0.01	44	1240	24	0.03	3	3	21	<20
CC29232		<1	0.03	30	0.40	350	2	0.01	40	920	23	0.02	4	3	20	<20
CC29233		<1	0.04	20	0.46	561	2	0.01	31	870	35	0.04	3	3	21	<20
CC29234		<1	0.05	30	0.24	380	1	<0.01	23	750	19	0.02	3	2	16	<20
CC29235		<1	0.05	20	0.09	449	5	<0.01	31	1120	26	0.06	6	1	30	<20
CC29236		<1	0.02	30	0.48	262	10	<0.01	93	850	7	0.02	4	4	7	<20
CC29237		<1	0.04	20	0.34	238	7	<0.01	49	1440	10	0.02	3	3	17	<20
CC29238		<1	0.03	10	0.33	264	2	0.01	21	840	16	0.03	3	1	10	<20
CC29239		<1	0.04	10	0.27	304	1	0.01	22	780	15	0.03	3	2	9	<20
CC29240		<1	0.03	10	0.37	372	2	<0.01	62	1010	10	0.04	3	2	14	<20
CC29241		<1	0.14	10	0.87	1885	<1	0.01	17	1290	277	0.06	2	23	25	<20
CC29242		<1	0.08	20	0.03	120	<1	0.01	3	750	23	0.05	2	1	16	<20
CC29243		<1	0.02	10	0.28	598	2	0.01	67	730	13	0.03	4	3	10	<20
CC29244		<1	0.02	10	0.19	720	1	<0.01	77	840	10	0.02	5	3	6	<20
CC29245		<1	0.03	10	0.16	274	3	0.01	17	640	13	0.03	2	1	7	<20
CC29246		<1	0.04	10	0.19	737	6	0.01	36	2160	15	0.09	4	1	16	<20
CC29247		<1	0.02	30	0.43	237	7	0.01	54	790	6	0.02	3	3	5	<20
CC29248		<1	0.03	20	0.45	441	8	0.01	67	1570	8	0.05	3	5	11	<20
CC29249		<1	0.03	20	0.30	163	4	<0.01	26	870	16	0.02	2	2	15	<20
CC29250		<1	0.02	20	0.15	268	6	0.01	37	1010	38	0.03	4	2	9	<20
CC29251		<1	0.05	30	0.51	415	2	0.01	40	1090	21	0.02	3	4	15	<20
CC29252		<1	0.03	20	0.63	394	1	0.01	38	880	15	0.03	4	5	8	<20
CC29253		<1	0.04	20	0.22	362	4	<0.01	42	920	16	0.02	4	3	6	<20
CC29254		<1	0.02	30	0.24	335	3	<0.01	56	1090	14	0.03	7	3	10	<20
CC29255		1	0.16	10	0.06	105	10	0.02	14	380	2530	0.48	71	1	15	<20
CC29256		<1	0.03	20	0.34	302	8	0.01	33	2340	44	0.12	4	1	29	<20
CC29257		<1	0.04	30	0.64	239	6	0.01	22	1650	13	0.10	5	3	23	<20
CC29258		<1	0.04	10	0.43	411	2	0.01	43	760	10	0.05	2	2	13	<20
CC29259		<1	0.05	20	0.42	468	5	0.01	42	1890	21	0.07	5	2	30	<20
CC29260		<1	0.02	10	1.48	1030	3	0.01	105	1070	10	0.05	4	7	15	<20

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07080703

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Tl	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC29221		0.01	<10	<10	65	<10	259
CC29222		0.02	<10	<10	30	<10	196
CC29223		0.01	<10	<10	14	<10	134
CC29224		0.01	<10	<10	18	<10	83
CC29225		<0.01	<10	10	85	<10	369
CC29226		0.01	<10	<10	48	<10	171
CC29227		0.02	<10	<10	68	<10	573
CC29228		0.02	<10	<10	29	<10	252
CC29229		0.02	<10	<10	42	<10	145
CC29230		0.01	<10	<10	47	<10	471
CC29231		0.01	<10	<10	27	<10	212
CC29232		0.01	<10	<10	20	<10	205
CC29233		<0.01	<10	<10	22	<10	192
CC29234		0.01	<10	<10	12	<10	107
CC29235		<0.01	<10	<10	13	<10	243
CC29236		<0.01	<10	<10	44	<10	748
CC29237		0.04	<10	<10	40	<10	287
CC29238		0.03	<10	<10	50	<10	89
CC29239		0.03	<10	<10	41	<10	77
CC29240		0.02	<10	<10	44	<10	187
CC29241		0.08	<10	<10	239	<10	302
CC29242		0.05	<10	<10	7	<10	26
CC29243		0.01	<10	<10	29	<10	183
CC29244		0.01	<10	<10	21	<10	227
CC29245		0.03	<10	<10	54	<10	90
CC29246		0.01	<10	<10	38	<10	224
CC29247		0.01	<10	<10	41	<10	447
CC29248		0.01	<10	<10	60	<10	779
CC29249		<0.01	<10	<10	20	<10	120
CC29250		<0.01	<10	<10	16	<10	321
CC29251		0.01	<10	<10	38	<10	188
CC29252		0.01	<10	<10	53	<10	129
CC29253		0.01	<10	<10	31	<10	221
CC29254		0.01	<10	<10	26	<10	215
CC29255		<0.01	<10	<10	7	<10	124
CC29256		<0.01	<10	<10	51	<10	178
CC29257		0.02	<10	<10	80	<10	118
CC29258		0.03	<10	<10	39	<10	113
CC29259		0.02	<10	<10	48	<10	182
CC29260		0.03	<10	<10	129	<10	487

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

Project: MARG

Finalized Date: 11-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07080703

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
CC29261		0.30	1.2	0.86	28	<10	110	<0.5	<2	0.11	<0.5	5	23	62	4.35	<10
CC29262		0.28	2.2	0.47	37	<10	180	<0.5	<2	0.08	<0.5	2	13	42	4.11	<10
CC29263		0.38	0.3	2.07	14	<10	180	<0.5	<2	0.26	0.9	35	31	333	5.06	<10
CC29264		0.40	2.4	0.68	10	<10	120	<0.5	2	0.20	4.9	18	16	160	4.19	<10
CC29265		0.38	0.5	2.59	13	<10	170	0.5	2	0.63	6.6	73	32	355	6.98	10
CC29266		0.34	5.2	0.53	109	<10	90	<0.5	8	0.04	<0.5	4	13	85	8.40	<10
CC29267		0.42	6.0	0.20	73	<10	730	<0.5	<2	0.02	<0.5	2	9	21	4.09	<10
CC29268		0.32	2.1	0.64	29	<10	160	<0.5	<2	0.08	7.8	12	17	113	5.95	<10
CC29269		0.28	1.6	1.01	20	<10	100	<0.5	<2	0.07	0.5	5	23	57	5.05	<10
CC29270		0.40	1.5	0.53	18	<10	120	<0.5	<2	0.08	<0.5	4	11	55	3.67	<10
CC29271		0.44	1.7	0.44	24	<10	290	<0.5	<2	0.11	0.7	4	6	41	3.27	<10
CC29272		0.34	<0.2	1.02	11	<10	280	<0.5	<2	0.18	<0.5	7	8	14	2.90	<10
CC29273		0.30	0.2	1.53	14	<10	150	<0.5	<2	0.06	<0.5	6	20	16	2.90	10
CC29274		0.36	1.9	0.54	31	<10	230	<0.5	<2	0.10	<0.5	3	8	26	2.42	<10
CC29275		0.30	1.2	0.62	21	<10	100	<0.5	<2	0.08	0.5	6	11	41	2.82	<10
CC29276		0.36	1.9	0.62	42	<10	220	<0.5	<2	0.08	1.6	9	16	55	3.56	<10
CC29277		0.36	1.1	1.48	28	<10	160	<0.5	<2	0.24	2.2	17	34	130	5.34	<10
CC29278		0.38	0.5	1.81	15	<10	120	<0.5	<2	0.23	1.4	19	66	115	4.18	<10
CC29279		0.34	0.3	1.15	14	<10	80	<0.5	<2	0.06	<0.5	10	31	82	3.13	<10
CC29280		0.28	1.0	1.53	17	<10	220	<0.5	<2	0.18	1.9	10	31	156	4.93	10
CC29281		0.32	<0.2	2.44	19	<10	390	<0.5	<2	0.22	<0.5	32	92	185	4.46	10
CC29282		0.38	0.8	0.92	22	<10	140	<0.5	<2	0.04	1.6	10	32	71	4.30	<10
CC29283		0.32	1.2	0.60	22	<10	180	<0.5	<2	0.05	3.0	16	18	87	4.75	<10
CC29284		0.42	0.5	0.35	13	<10	110	<0.5	<2	0.02	3.5	28	22	79	4.37	<10
CC29285		0.28	0.7	1.28	31	<10	120	<0.5	<2	0.05	<0.5	6	28	48	3.74	10
CC29286		0.34	0.7	1.20	26	<10	90	<0.5	<2	0.05	0.5	9	30	91	4.91	10
CC29287		0.38	1.2	1.63	61	<10	230	<0.5	2	0.17	0.7	17	53	114	5.08	10
CC29288		0.28	1.5	0.93	31	<10	230	<0.5	<2	0.10	0.8	8	22	73	4.56	<10
CC29289		0.36	1.7	0.66	41	<10	220	<0.5	<2	0.09	<0.5	5	20	49	4.94	<10
CC29290		0.40	1.3	0.53	66	<10	160	<0.5	<2	0.10	1.1	19	13	97	2.77	<10
CC29291		0.24	0.6	1.21	43	<10	140	<0.5	<2	0.07	<0.5	8	32	41	4.27	<10
CC29292		0.38	1.5	0.93	25	<10	140	<0.5	<2	0.11	<0.5	5	22	59	3.78	<10
CC29293		0.26	0.9	0.87	26	<10	110	<0.5	<2	0.11	<0.5	5	22	52	3.21	<10
CC29294		0.38	1.2	1.07	20	<10	200	<0.5	<2	0.09	<0.5	6	21	50	3.81	<10
CC29295		0.46	1.2	0.58	13	<10	160	<0.5	<2	0.15	<0.5	4	16	41	3.60	<10
CC29296		0.32	0.4	1.84	18	<10	90	<0.5	<2	0.16	0.9	18	18	134	5.45	<10
CC29297		0.38	0.9	0.67	34	<10	110	<0.5	<2	0.03	<0.5	5	16	53	4.07	<10
CC29298		0.32	0.9	0.80	21	<10	140	<0.5	<2	0.05	<0.5	6	19	56	4.04	<10
CC29299		0.28	0.9	1.44	24	<10	230	<0.5	2	0.21	0.7	11	47	57	4.17	<10
CC29300		0.40	1.0	1.61	20	<10	240	<0.5	<2	0.25	1.2	19	26	184	4.51	<10

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

Project: MARG

Finalized Date: 11-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07080703

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC29261		<1	0.03	30	0.41	207	6	0.01	25	1370	17	0.09	5	2	27	<20
CC29262		<1	0.04	30	0.20	152	13	0.01	11	1770	27	0.18	6	1	50	<20
CC29263		<1	0.03	10	0.92	932	1	0.01	55	960	11	0.05	3	2	12	<20
CC29264		<1	0.03	20	0.35	204	11	0.02	55	1580	19	0.19	5	2	34	<20
CC29265		<1	0.02	30	1.45	1245	2	0.01	123	1030	11	0.03	3	12	22	<20
CC29266		<1	0.04	10	0.21	171	8	0.01	23	1270	52	0.09	4	2	20	<20
CC29267		<1	0.19	10	0.07	104	24	0.02	19	3750	34	0.55	11	2	73	<20
CC29268		<1	0.03	20	0.16	515	14	0.01	77	2700	18	0.08	6	1	46	<20
CC29269		<1	0.04	10	0.24	255	6	0.01	24	1840	24	0.08	5	1	35	<20
CC29270		<1	0.03	10	0.10	124	15	<0.01	34	1560	23	0.06	12	1	38	<20
CC29271		<1	0.04	20	0.11	130	19	0.01	25	2340	28	0.10	4	1	38	<20
CC29272		<1	0.21	20	0.22	366	1	<0.01	14	980	17	0.02	2	2	11	<20
CC29273		<1	0.05	10	0.24	200	2	<0.01	12	400	14	0.02	2	2	8	<20
CC29274		<1	0.05	10	0.16	128	12	0.01	15	1740	20	0.10	5	1	38	<20
CC29275		<1	0.03	10	0.16	223	13	<0.01	28	1460	15	0.05	9	1	24	<20
CC29276		<1	0.04	10	0.17	256	12	0.01	42	1660	19	0.08	6	1	35	<20
CC29277		<1	0.03	10	0.72	461	6	0.01	68	1270	16	0.04	4	5	25	<20
CC29278		<1	0.02	20	1.19	438	2	0.01	54	860	18	0.03	3	6	16	<20
CC29279		<1	0.03	20	0.66	185	3	0.01	26	410	4	0.03	3	3	17	<20
CC29280		<1	0.04	30	0.80	287	14	0.01	37	1050	21	0.08	4	3	25	<20
CC29281		<1	0.05	10	1.20	772	4	0.01	65	650	17	0.04	4	3	11	<20
CC29282		<1	0.03	30	0.39	267	8	0.01	50	1070	20	0.04	4	4	14	<20
CC29283		<1	0.04	40	0.16	341	8	0.01	73	1310	25	0.09	4	3	30	<20
CC29284		<1	0.03	40	0.07	472	6	<0.01	91	760	22	0.02	4	4	28	<20
CC29285		<1	0.04	20	0.31	274	5	0.01	20	1420	17	0.09	4	1	16	<20
CC29286		<1	0.03	20	0.44	400	6	0.01	35	1350	18	0.06	4	1	18	<20
CC29287		<1	0.04	30	0.80	567	8	0.01	55	1630	21	0.11	8	4	34	<20
CC29288		<1	0.05	30	0.34	384	12	0.03	30	1870	21	0.20	7	2	34	<20
CC29289		<1	0.05	40	0.28	203	12	0.01	23	2190	26	0.15	6	1	49	<20
CC29290		<1	0.03	20	0.20	288	12	0.01	21	1370	22	0.04	6	3	35	20
CC29291		<1	0.03	30	0.50	302	4	0.01	25	1770	16	0.08	3	2	18	<20
CC29292		<1	0.03	30	0.33	227	6	0.01	25	1700	19	0.06	4	1	21	<20
CC29293		<1	0.03	20	0.29	189	3	0.01	20	1320	15	0.06	2	1	14	<20
CC29294		<1	0.06	30	0.32	248	5	0.01	25	1620	18	0.10	5	2	28	<20
CC29295		<1	0.03	30	0.27	179	9	0.01	17	1220	17	0.06	7	2	22	<20
CC29296		<1	0.02	20	0.97	495	4	<0.01	47	1100	8	0.03	3	5	15	<20
CC29297		<1	0.03	30	0.25	169	7	<0.01	34	980	19	0.05	4	2	21	<20
CC29298		<1	0.03	30	0.25	217	8	0.01	32	1260	16	0.05	3	2	20	<20
CC29299		<1	0.04	20	0.69	333	4	0.01	40	1170	14	0.05	3	3	21	<20
CC29300		<1	0.05	20	0.73	553	5	0.01	43	1560	12	0.04	4	5	22	<20

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07080703

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC29261		0.01	<10	<10	48	<10	213
CC29262		<0.01	<10	<10	30	<10	148
CC29263		0.06	<10	<10	81	<10	276
CC29264		0.11	<10	<10	60	<10	367
CC29265		0.09	<10	<10	126	<10	605
CC29266		<0.01	<10	<10	31	<10	311
CC29267		<0.01	<10	<10	52	<10	146
CC29268		0.01	<10	<10	60	<10	554
CC29269		0.02	<10	<10	55	<10	162
CC29270		0.01	<10	<10	35	<10	222
CC29271		0.01	<10	<10	26	<10	167
CC29272		0.10	<10	<10	19	<10	125
CC29273		0.04	<10	<10	50	<10	53
CC29274		0.01	<10	<10	25	<10	103
CC29275		0.01	<10	<10	31	<10	177
CC29276		0.01	<10	<10	49	<10	224
CC29277		0.02	<10	<10	65	<10	346
CC29278		0.04	<10	<10	75	<10	202
CC29279		0.08	<10	<10	35	<10	116
CC29280		0.04	<10	<10	82	<10	429
CC29281		0.10	<10	<10	79	<10	193
CC29282		<0.01	<10	<10	64	<10	352
CC29283		<0.01	<10	<10	53	<10	413
CC29284		<0.01	<10	<10	54	<10	402
CC29285		0.02	<10	<10	59	<10	114
CC29286		0.02	<10	<10	58	<10	194
CC29287		0.01	<10	<10	76	<10	288
CC29288		0.01	<10	<10	59	<10	201
CC29289		<0.01	<10	<10	48	<10	167
CC29290		<0.01	<10	<10	26	<10	149
CC29291		0.01	<10	<10	52	<10	95
CC29292		0.01	<10	<10	40	<10	139
CC29293		0.01	<10	<10	39	<10	91
CC29294		0.03	<10	<10	46	<10	123
CC29295		0.02	<10	<10	34	<10	164
CC29296		0.03	<10	<10	91	<10	314
CC29297		0.01	<10	<10	42	<10	274
CC29298		0.01	<10	<10	56	<10	232
CC29299		0.02	<10	<10	71	<10	192
CC29300		0.06	<10	<10	85	<10	266

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

Finalized : 11-AUG-2007

Account: MARPRO

CERTIFICATE VA07080702

Project: MARG

P.O. No.:

This report is for 189 Soil samples submitted to our lab in Vancouver, BC, Canada on 23-JUL-2007.

The following have access to data associated with this certificate:

STEWART FUMERTON	JOAN MARIACHER	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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

Project: MARG

Finalized Date: 11-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07080702

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
CC29301		0.32	0.4	1.08	42	<10	50	<0.5	<2	0.19	0.5	11	23	75	4.42	<10
CC29302		0.28	0.3	1.69	34	<10	80	<0.5	<2	0.25	1.0	21	30	102	4.73	<10
CC29303		0.26	0.3	1.38	29	<10	50	<0.5	<2	0.20	0.7	19	27	86	3.93	<10
CC29304		0.36	0.3	2.10	39	<10	110	<0.5	<2	0.30	1.6	25	39	130	5.76	10
CC29305		0.22	0.5	1.20	27	<10	100	<0.5	<2	0.05	0.7	5	21	29	2.76	10
CC29306		0.24	0.5	1.21	30	<10	90	<0.5	<2	0.05	<0.5	5	19	29	2.67	10
CC29307		0.16	0.5	1.20	12	<10	100	<0.5	<2	0.12	1.8	7	27	58	3.47	<10
CC29308		0.20	1.0	1.69	14	<10	260	<0.5	<2	0.35	2.8	10	36	90	3.63	<10
CC29309		0.36	0.5	1.34	4	<10	90	<0.5	<2	0.13	1.8	8	29	61	3.59	<10
CC29310		0.32	<0.2	1.34	10	<10	160	<0.5	<2	0.21	1.2	15	31	96	2.81	<10
CC29311		0.20	0.2	1.45	12	<10	140	<0.5	<2	0.10	1.2	11	32	72	3.26	10
CC29312		0.22	<0.2	1.42	10	<10	70	<0.5	<2	0.05	<0.5	7	33	84	3.70	<10
CC29313		0.28	0.2	2.12	18	<10	250	<0.5	<2	0.20	0.5	24	68	218	3.73	10
CC29314		0.22	0.4	1.36	36	<10	200	<0.5	<2	0.14	0.7	6	25	42	3.12	10
CC29315		0.20	0.9	1.82	35	<10	280	<0.5	<2	0.16	<0.5	9	33	57	4.10	10
CC29316		0.28	0.3	1.07	28	<10	210	<0.5	<2	0.14	0.5	9	21	45	3.14	<10
CC29317		0.32	0.4	0.88	29	<10	110	<0.5	<2	0.09	<0.5	9	19	42	2.89	<10
CC29318		0.32	0.4	0.74	34	<10	90	<0.5	<2	0.13	<0.5	9	16	45	2.86	<10
CC29319		0.26	0.8	0.99	52	<10	130	<0.5	<2	0.08	<0.5	8	20	43	3.54	<10
CC29320		0.42	0.3	1.60	31	<10	120	<0.5	<2	0.11	<0.5	11	43	96	3.97	<10
CC29321		0.22	0.5	1.56	26	<10	120	<0.5	<2	0.11	<0.5	10	48	139	4.75	<10
CC29322		0.36	0.3	1.95	33	<10	100	<0.5	2	0.19	<0.5	16	76	179	4.70	10
CC29323		0.36	<0.2	1.48	38	<10	90	<0.5	<2	0.11	<0.5	12	47	105	3.94	<10
CC29324		0.28	1.1	0.70	41	<10	130	<0.5	<2	0.08	<0.5	5	16	29	4.17	<10
CC29325		0.30	0.9	1.20	76	<10	160	<0.5	<2	0.07	<0.5	9	25	43	4.11	<10
CC29326		0.26	0.4	0.79	32	<10	90	<0.5	<2	0.10	<0.5	7	17	49	2.90	<10
CC29327		0.28	0.8	0.92	36	<10	190	<0.5	<2	0.12	<0.5	6	21	47	3.65	<10
CC29328		0.30	2.9	0.75	44	<10	350	<0.5	<2	0.13	0.8	11	17	51	3.48	<10
CC29329		0.22	0.2	1.15	29	<10	90	<0.5	<2	0.05	<0.5	5	21	27	2.88	10
CC29330		0.18	<0.2	0.92	7	<10	80	<0.5	<2	0.09	<0.5	6	27	69	1.69	<10
CC29331		0.22	0.2	2.42	16	<10	220	0.5	<2	0.25	4.2	23	76	347	4.37	10
CC29332		0.16	0.4	2.36	16	<10	280	<0.5	<2	0.21	3.4	23	64	137	5.18	10
CC29333		0.24	0.2	1.57	15	<10	170	<0.5	<2	0.10	<0.5	10	35	81	3.58	10
CC29334		0.28	<0.2	1.68	19	<10	100	<0.5	<2	0.13	1.4	13	32	124	4.03	<10
CC29335		0.20	0.5	1.77	22	<10	230	<0.5	<2	0.19	2.0	15	37	95	4.14	<10
CC29336		0.22	0.8	1.80	24	<10	110	<0.5	<2	0.08	0.9	11	32	94	4.28	10
CC29337		0.26	0.4	1.34	9	<10	190	<0.5	<2	0.16	0.7	8	28	54	3.08	<10
CC29338		0.28	0.2	1.48	11	<10	100	<0.5	<2	0.16	1.1	10	28	121	3.91	<10
CC29339		0.46	0.2	1.41	18	<10	90	<0.5	<2	0.12	1.9	17	32	163	4.37	<10
CC29340		0.26	2.2	1.35	10	<10	220	<0.5	<2	0.20	<0.5	7	36	53	2.91	<10

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07080702

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC29301		<1	0.02	30	0.48	302	1	<0.01	37	1130	16	0.03	3	4	8	<20
CC29302		1	0.02	30	0.88	514	1	<0.01	56	1060	16	0.03	5	5	11	<20
CC29303		<1	0.02	20	0.72	410	<1	<0.01	47	870	10	0.02	4	4	9	<20
CC29304		<1	0.02	30	1.11	528	2	<0.01	67	1060	19	0.03	3	6	14	<20
CC29305		1	0.04	20	0.30	283	1	0.01	16	1070	12	0.07	<2	<1	7	<20
CC29306		<1	0.04	10	0.38	154	1	<0.01	18	970	18	0.05	<2	<1	7	<20
CC29307		1	0.03	20	0.47	242	2	<0.01	29	780	7	0.06	<2	1	11	<20
CC29308		1	0.05	20	0.62	383	4	<0.01	34	1360	14	0.11	2	2	22	<20
CC29309		<1	0.02	40	0.73	254	1	<0.01	30	750	8	0.02	2	3	8	<20
CC29310		<1	0.04	10	0.62	400	3	<0.01	39	720	7	0.01	<2	3	15	<20
CC29311		<1	0.04	10	0.53	483	6	<0.01	25	710	9	0.05	<2	1	11	<20
CC29312		<1	0.04	10	0.55	250	4	<0.01	19	620	18	0.03	2	2	7	<20
CC29313		<1	0.04	10	0.94	801	2	<0.01	55	880	8	0.04	<2	3	13	<20
CC29314		<1	0.04	10	0.42	316	3	<0.01	21	1180	11	0.05	<2	1	15	<20
CC29315		<1	0.05	20	0.51	571	5	0.02	28	1580	21	0.12	<2	1	19	<20
CC29316		<1	0.03	20	0.34	288	5	<0.01	27	1330	13	0.04	<2	1	19	<20
CC29317		<1	0.02	20	0.30	240	4	<0.01	24	1090	12	0.02	2	2	15	<20
CC29318		<1	0.02	20	0.22	253	3	<0.01	30	960	10	0.02	2	2	17	<20
CC29319		<1	0.03	30	0.25	244	4	<0.01	34	1100	12	0.03	2	2	19	<20
CC29320		<1	0.03	20	0.75	264	5	<0.01	37	890	13	0.03	2	2	17	<20
CC29321		<1	0.04	30	0.81	233	6	<0.01	35	1050	13	0.05	2	1	21	<20
CC29322		<1	0.03	20	1.11	362	5	<0.01	52	890	12	0.04	2	3	18	<20
CC29323		<1	0.03	20	0.78	276	5	<0.01	43	790	11	0.04	3	2	14	<20
CC29324		<1	0.03	30	0.18	132	6	<0.01	26	1410	15	0.04	2	1	22	<20
CC29325		<1	0.04	20	0.27	289	5	<0.01	34	1680	18	0.05	3	1	24	<20
CC29326		<1	0.02	20	0.28	246	4	<0.01	31	1260	10	0.02	3	2	13	<20
CC29327		<1	0.03	30	0.33	224	6	<0.01	23	1360	15	0.03	2	2	24	<20
CC29328		<1	0.06	20	0.24	507	10	<0.01	19	2060	22	0.16	4	1	30	<20
CC29329		<1	0.03	10	0.29	207	3	<0.01	13	810	15	0.03	2	1	8	<20
CC29330		<1	0.03	10	0.33	129	1	<0.01	16	740	8	0.06	<2	1	6	<20
CC29331		1	0.04	20	1.14	604	3	<0.01	69	1090	11	0.07	2	3	16	<20
CC29332		<1	0.08	20	1.09	966	5	0.03	47	1440	32	0.16	3	2	20	<20
CC29333		<1	0.03	20	0.57	390	4	<0.01	23	1030	20	0.06	<2	1	11	<20
CC29334		1	0.03	10	0.71	300	3	<0.01	44	820	7	0.02	3	3	9	<20
CC29335		<1	0.04	20	0.64	430	5	<0.01	37	1190	13	0.06	<2	2	18	<20
CC29336		<1	0.03	10	0.78	327	5	<0.01	37	920	8	0.04	<2	3	9	<20
CC29337		<1	0.03	10	0.57	266	7	0.01	25	1040	19	0.04	2	1	16	<20
CC29338		<1	0.03	20	0.60	279	3	0.01	42	1050	8	0.04	<2	2	16	<20
CC29339		<1	0.03	20	0.62	343	4	0.01	57	1060	11	0.03	<2	4	16	<20
CC29340		<1	0.04	10	0.54	147	6	0.01	26	1410	13	0.08	<2	1	22	<20

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07080702

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC29301		0.01	<10	<10	38	<10	157
CC29302		0.02	<10	<10	60	<10	175
CC29303		0.02	<10	<10	53	<10	128
CC29304		0.01	<10	<10	71	<10	275
CC29305		0.01	<10	<10	48	<10	84
CC29306		0.01	<10	<10	33	<10	83
CC29307		0.04	<10	<10	56	<10	199
CC29308		0.03	<10	<10	70	<10	211
CC29309		0.03	<10	<10	51	<10	231
CC29310		0.07	<10	<10	55	<10	283
CC29311		0.05	<10	<10	78	<10	181
CC29312		0.06	<10	<10	74	<10	131
CC29313		0.05	<10	<10	71	<10	221
CC29314		0.02	<10	<10	54	<10	129
CC29315		0.03	<10	<10	76	<10	123
CC29316		0.01	<10	<10	43	<10	132
CC29317		0.01	<10	<10	32	<10	109
CC29318		0.01	<10	<10	24	<10	89
CC29319		0.01	<10	<10	29	<10	102
CC29320		0.02	<10	<10	53	<10	156
CC29321		0.02	<10	<10	48	<10	133
CC29322		0.03	<10	<10	63	<10	143
CC29323		0.02	<10	<10	46	<10	146
CC29324		0.01	<10	<10	31	<10	71
CC29325		0.02	<10	<10	40	<10	126
CC29326		0.02	<10	<10	35	<10	126
CC29327		0.01	<10	<10	39	<10	114
CC29328		0.01	<10	<10	58	<10	137
CC29329		0.03	<10	<10	55	<10	70
CC29330		0.05	<10	<10	44	<10	63
CC29331		0.07	<10	<10	80	<10	454
CC29332		0.06	<10	<10	114	<10	324
CC29333		0.04	<10	<10	69	<10	120
CC29334		0.04	<10	<10	70	<10	242
CC29335		0.02	<10	<10	70	<10	270
CC29336		0.03	<10	<10	86	<10	255
CC29337		0.01	<10	<10	59	<10	197
CC29338		0.03	<10	<10	58	<10	250
CC29339		0.08	<10	<10	61	<10	366
CC29340		0.02	<10	<10	63	<10	208

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

Project: MARG

Finalized Date: 11-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07080702

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC29341		0.24	0.5	1.46	14	<10	110	<0.5	<2	0.14	1.6	14	37	87	3.49	10
CC29342		0.20	0.7	1.37	13	<10	40	<0.5	<2	0.08	0.7	8	41	77	3.14	10
CC29343		0.28	1.1	1.09	26	<10	170	<0.5	<2	0.11	0.8	9	27	59	3.78	<10
CC29344		0.18	0.4	1.13	14	<10	70	<0.5	<2	0.06	2.2	6	26	65	6.46	10
CC29345		0.34	<0.2	1.39	14	<10	120	<0.5	<2	0.13	1.6	13	30	73	3.39	<10
CC29346		0.42	0.2	1.65	80	<10	170	<0.5	<2	0.16	0.8	28	33	149	3.30	<10
CC29347		0.28	0.4	1.11	5	<10	110	<0.5	<2	0.16	1.4	9	36	166	3.83	<10
CC29348		0.20	<0.2	0.77	8	<10	80	<0.5	<2	0.08	<0.5	5	21	18	1.87	10
CC29349		0.22	0.5	1.24	40	<10	240	<0.5	<2	0.18	0.7	6	24	38	3.16	10
CC29350		0.32	0.7	1.09	37	<10	240	<0.5	<2	0.17	<0.5	7	25	48	3.93	<10
CC29351		0.46	1.1	0.62	37	<10	140	<0.5	<2	0.18	0.9	9	17	78	4.01	<10
CC29352		0.44	1.4	0.36	106	<10	120	<0.5	<2	0.08	<0.5	10	10	84	4.29	<10
CC29353		0.36	0.7	0.70	95	<10	330	<0.5	<2	0.18	<0.5	11	15	82	4.17	<10
CC29354		0.52	0.2	0.74	45	<10	240	<0.5	<2	0.17	<0.5	15	8	58	3.98	<10
CC29355		0.42	<0.2	1.84	98	<10	330	<0.5	<2	0.32	<0.5	38	19	259	5.78	10
CC29356		0.42	1.1	0.62	100	<10	280	<0.5	<2	0.12	<0.5	9	11	83	4.52	<10
CC29357		0.38	1.0	0.60	56	<10	130	<0.5	<2	0.19	1.4	10	16	90	4.13	<10
CC29358		0.36	1.0	0.91	58	<10	140	<0.5	<2	0.18	1.1	18	24	134	5.03	<10
CC29359		0.46	1.7	0.66	91	<10	190	<0.5	<2	0.16	2.6	10	18	79	5.12	<10
CC29360		0.40	1.1	0.62	74	<10	170	<0.5	<2	0.22	1.9	8	13	54	4.11	<10
CC29361		0.44	<0.2	0.81	22	<10	160	<0.5	<2	0.27	<0.5	11	9	48	3.79	<10
CC29362		0.38	0.2	0.67	25	<10	140	<0.5	<2	0.25	<0.5	9	8	40	3.53	<10
CC29363		0.38	1.9	0.56	136	<10	250	<0.5	<2	0.20	1.3	7	10	64	4.89	<10
CC29364		0.42	0.2	0.77	24	<10	190	<0.5	<2	0.27	<0.5	6	6	42	3.51	<10
CC29365		0.46	0.2	0.83	30	<10	140	<0.5	<2	0.24	<0.5	11	6	77	3.90	<10
CC29366		0.44	0.7	0.72	35	<10	120	<0.5	<2	0.08	<0.5	5	18	49	3.36	<10
CC29367		0.32	0.2	0.93	40	<10	100	<0.5	<2	0.09	<0.5	9	21	59	3.14	<10
CC29368		0.40	<0.2	1.39	160	<10	130	0.5	2	0.13	<0.5	14	26	46	5.07	<10
CC29369		0.34	0.2	2.99	22	<10	160	<0.5	<2	0.22	<0.5	30	121	305	5.84	10
CC29370		0.24	0.4	2.27	23	<10	120	<0.5	<2	0.34	<0.5	19	92	187	5.12	10
CC29371		0.34	0.3	1.23	25	<10	110	<0.5	<2	0.07	<0.5	6	27	59	3.58	<10
CC29372		0.32	0.2	0.99	98	<10	60	<0.5	<2	0.09	<0.5	9	19	38	3.55	<10
CC29373		0.28	0.7	1.13	59	<10	140	<0.5	<2	0.13	<0.5	7	27	46	3.71	<10
CC29374		0.26	0.6	0.94	40	<10	150	<0.5	<2	0.10	<0.5	4	21	55	4.21	<10
CC29375		0.30	0.6	0.85	57	<10	130	<0.5	<2	0.08	<0.5	6	21	45	3.78	<10
CC29376		0.52	1.0	0.82	32	<10	170	<0.5	<2	0.12	<0.5	7	20	49	3.50	<10
CC29377		0.28	3.2	0.72	54	<10	300	<0.5	<2	0.13	<0.5	4	19	51	4.12	<10
CC29378		0.32	0.5	1.21	23	<10	160	<0.5	<2	0.16	<0.5	6	21	43	3.10	<10
CC29379		0.36	<0.2	2.04	26	<10	150	0.5	<2	0.21	<0.5	27	37	261	4.43	10
CC29380		0.18	2.0	0.91	8	<10	80	<0.5	<2	0.10	2.6	6	31	62	2.97	<10

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07080702

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC29341		<1	0.04	10	0.66	473	3	0.01	44	1040	8	0.06	<2	2	10	<20
CC29342		<1	0.03	10	0.49	195	4	<0.01	32	750	6	0.05	2	2	7	<20
CC29343		<1	0.04	20	0.44	326	8	0.01	33	1370	17	0.06	5	1	19	<20
CC29344		<1	0.04	10	0.30	275	6	<0.01	17	1460	11	0.09	3	1	9	<20
CC29345		<1	0.04	20	0.57	333	5	0.01	39	860	10	0.04	<2	2	14	<20
CC29346		<1	0.04	20	0.56	463	2	0.01	51	740	13	0.02	<2	3	14	<20
CC29347		<1	0.04	20	0.62	314	5	0.01	33	610	27	0.07	2	2	11	<20
CC29348		<1	0.03	10	0.24	255	2	0.01	11	650	8	0.06	<2	1	8	<20
CC29349		<1	0.05	20	0.38	349	5	0.01	24	1590	13	0.10	2	<1	20	<20
CC29350		<1	0.04	30	0.41	242	6	0.01	25	1550	19	0.04	3	2	29	<20
CC29351		<1	0.02	10	0.34	286	6	0.01	33	1320	19	0.06	2	2	20	<20
CC29352		<1	0.02	10	0.19	393	10	0.01	47	1110	20	0.10	7	2	45	<20
CC29353		<1	0.03	10	0.34	372	7	<0.01	35	880	21	0.04	6	2	21	<20
CC29354		<1	0.07	20	0.34	790	4	<0.01	33	930	22	0.06	2	2	25	<20
CC29355		<1	0.10	20	1.03	1220	8	<0.01	38	1090	28	0.02	5	8	19	<20
CC29356		<1	0.04	20	0.30	349	7	0.01	44	1360	21	0.12	8	2	57	<20
CC29357		<1	0.02	10	0.31	338	7	0.01	43	1340	16	0.05	4	2	24	<20
CC29358		<1	0.02	10	0.52	577	6	0.01	63	1340	15	0.05	3	4	21	<20
CC29359		<1	0.03	10	0.32	342	10	0.01	40	1830	24	0.07	3	2	38	<20
CC29360		<1	0.03	20	0.30	254	7	0.01	31	1410	26	0.04	4	2	30	<20
CC29361		<1	0.08	40	0.41	346	4	0.01	23	1140	26	0.04	3	3	37	<20
CC29362		<1	0.06	30	0.33	327	4	0.01	23	1200	24	0.03	4	2	32	<20
CC29363		<1	0.04	20	0.17	254	13	<0.01	35	1940	31	0.07	3	2	29	<20
CC29364		<1	0.06	30	0.36	253	4	0.01	17	1100	25	0.03	2	3	28	<20
CC29365		<1	0.08	40	0.39	481	4	<0.01	23	1100	27	0.02	3	4	22	<20
CC29366		<1	0.03	30	0.25	156	6	<0.01	25	1160	13	0.04	3	1	20	<20
CC29367		<1	0.02	20	0.29	285	3	0.01	34	970	10	0.03	2	2	19	<20
CC29368		<1	0.04	40	0.28	386	3	0.01	60	1320	14	0.05	3	3	22	<20
CC29369		1	0.04	10	1.84	631	5	0.01	99	870	11	0.06	<2	2	20	<20
CC29370		<1	0.04	10	1.34	431	6	0.01	64	1420	11	0.11	2	2	19	<20
CC29371		<1	0.03	30	0.51	182	5	<0.01	24	850	16	0.04	2	2	16	<20
CC29372		<1	0.02	40	0.21	222	2	0.01	40	1040	7	0.03	3	2	14	<20
CC29373		<1	0.03	30	0.33	264	4	0.01	28	1330	14	0.09	<2	2	17	<20
CC29374		<1	0.03	30	0.28	164	5	0.01	24	1570	17	0.07	3	1	33	<20
CC29375		<1	0.03	40	0.27	200	5	0.01	27	1310	16	0.07	4	1	21	<20
CC29376		<1	0.03	30	0.34	262	6	0.01	23	1410	15	0.06	3	2	27	<20
CC29377		<1	0.06	20	0.24	181	11	0.02	20	2560	30	0.17	5	1	39	<20
CC29378		<1	0.04	20	0.43	265	5	0.01	19	1260	13	0.08	2	1	19	<20
CC29379		<1	0.04	10	0.76	635	2	0.01	46	750	8	0.05	3	3	14	<20
CC29380		<1	0.04	20	0.44	148	5	0.01	27	880	8	0.11	2	1	14	<20

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

Project: MARG

Finalized Date: 11-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07080702

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Tl	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC29341		0.05	<10	<10	75	<10	370
CC29342		0.06	<10	<10	79	<10	223
CC29343		0.02	<10	<10	62	<10	268
CC29344		0.03	<10	<10	59	<10	131
CC29345		0.04	<10	<10	57	<10	243
CC29346		0.06	<10	<10	59	<10	206
CC29347		0.12	<10	<10	80	<10	298
CC29348		0.06	<10	<10	72	<10	59
CC29349		0.01	<10	<10	54	<10	140
CC29350		0.01	<10	<10	47	<10	128
CC29351		<0.01	<10	<10	29	<10	223
CC29352		<0.01	<10	<10	19	<10	231
CC29353		<0.01	<10	<10	28	<10	131
CC29354		0.02	<10	<10	13	<10	126
CC29355		0.10	<10	<10	91	<10	148
CC29356		<0.01	<10	<10	24	<10	264
CC29357		<0.01	<10	<10	31	<10	277
CC29358		<0.01	<10	<10	40	<10	304
CC29359		<0.01	<10	<10	48	<10	346
CC29360		<0.01	<10	<10	34	<10	267
CC29361		0.02	<10	<10	19	<10	180
CC29362		0.01	<10	<10	16	<10	176
CC29363		0.01	<10	<10	35	<10	350
CC29364		0.01	<10	<10	20	<10	165
CC29365		0.02	<10	<10	18	<10	202
CC29366		<0.01	<10	<10	31	<10	110
CC29367		0.01	<10	<10	29	<10	96
CC29368		0.01	<10	<10	35	<10	133
CC29369		0.04	<10	<10	76	<10	165
CC29370		0.03	<10	<10	81	<10	141
CC29371		0.02	<10	<10	42	<10	136
CC29372		0.01	<10	<10	26	<10	88
CC29373		0.01	<10	<10	34	<10	73
CC29374		0.01	<10	<10	35	<10	100
CC29375		<0.01	<10	<10	33	<10	107
CC29376		0.01	<10	<10	39	<10	127
CC29377		0.01	<10	<10	62	<10	181
CC29378		0.02	<10	<10	50	<10	128
CC29379		0.13	<10	<10	88	<10	171
CC29380		0.04	<10	<10	52	<10	253

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07080702

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC29381		0.30	0.4	1.14	26	<10	190	<0.5	<2	0.07	<0.5	7	22	63	3.78	<10
CC29382		0.34	1.1	1.26	23	<10	200	<0.5	<2	0.07	<0.5	10	29	71	3.70	10
CC29383		0.32	1.3	1.33	48	<10	150	<0.5	<2	0.15	2.4	16	38	109	4.97	<10
CC29384		0.26	0.6	0.32	2	<10	60	<0.5	<2	0.06	3.4	2	10	18	1.36	<10
CC29385		0.24	0.6	1.37	13	<10	200	<0.5	<2	0.32	1.4	12	39	72	4.56	<10
CC29386		0.16	1.1	1.85	15	<10	230	<0.5	<2	0.16	2.4	23	39	131	4.90	10
CC29387		0.26	0.6	1.24	13	<10	160	<0.5	<2	0.33	2.1	11	47	45	3.34	<10
CC29388		0.32	<0.2	2.21	32	<10	240	<0.5	<2	0.29	0.6	16	69	75	4.84	10
CC29401		0.34	0.2	3.45	8	<10	340	0.9	<2	0.46	<0.5	39	182	315	7.10	10
CC29402		0.34	0.2	1.76	20	<10	90	<0.5	<2	0.20	1.0	12	54	65	4.38	10
CC29403		0.40	1.0	1.26	12	<10	210	<0.5	<2	0.18	1.3	11	30	93	4.67	<10
CC29404		0.32	0.6	1.51	8	<10	120	<0.5	<2	0.11	0.5	9	33	73	3.80	<10
CC29405		0.42	0.5	2.31	21	<10	210	<0.5	<2	0.30	1.7	21	56	151	5.19	10
CC29406		0.42	1.0	1.69	47	<10	160	<0.5	2	0.25	1.9	16	48	116	4.97	<10
CC29407		0.32	1.6	0.96	20	<10	170	<0.5	<2	0.14	1.2	5	17	64	3.49	<10
CC29408		0.26	2.4	0.77	30	<10	250	<0.5	<2	0.10	0.5	3	12	35	2.86	<10
CC29409		0.40	0.2	1.48	17	<10	230	<0.5	<2	0.13	0.7	9	15	24	3.65	<10
CC29410		0.28	0.6	1.93	14	<10	130	<0.5	<2	0.13	1.2	13	36	66	4.12	10
CC29411		0.32	0.4	1.45	24	<10	80	<0.5	<2	0.10	1.2	13	33	75	4.16	<10
CC29412		0.30	0.2	1.75	8	<10	150	<0.5	<2	0.15	0.9	11	32	81	3.50	<10
CC29413		0.24	0.3	1.83	11	<10	170	<0.5	<2	0.12	1.1	13	36	85	3.62	<10
CC29414		0.30	0.5	1.19	18	<10	140	<0.5	<2	0.19	0.7	8	25	62	3.30	<10
CC29415		0.26	0.6	1.18	20	<10	180	<0.5	<2	0.13	2.0	10	22	43	3.22	<10
CC29416		0.24	0.5	1.31	30	<10	160	<0.5	<2	0.14	1.4	9	26	53	4.22	<10
CC29417		0.18	0.6	1.77	41	<10	200	<0.5	<2	0.14	0.5	10	32	60	5.24	10
CC29418		0.30	0.8	1.49	36	<10	140	<0.5	<2	0.12	0.6	10	31	62	4.52	<10
CC29419		0.32	0.4	1.34	43	<10	110	<0.5	<2	0.12	<0.5	6	25	40	3.82	<10
CC29420		0.30	0.4	1.39	42	<10	130	<0.5	<2	0.17	1.5	8	31	55	4.07	<10
CC29421		0.36	0.6	1.11	20	<10	100	<0.5	<2	0.19	1.2	13	35	122	4.27	<10
CC29422		0.42	0.7	1.50	24	<10	70	<0.5	<2	0.14	0.7	14	41	96	4.53	<10
CC29423		0.36	0.6	1.41	29	<10	60	<0.5	2	0.14	0.5	14	38	82	4.63	<10
CC29424		0.36	0.6	1.54	25	<10	120	<0.5	<2	0.18	1.5	13	43	125	5.08	<10
CC29425		0.38	0.6	1.44	23	<10	90	<0.5	2	0.20	2.7	19	41	149	4.48	<10
CC29426		0.28	0.8	1.50	25	<10	170	<0.5	<2	0.09	<0.5	9	29	47	3.76	<10
CC29427		0.20	0.4	1.34	15	<10	110	<0.5	2	0.09	<0.5	6	25	41	2.88	<10
CC29428		0.32	1.0	1.03	27	<10	90	<0.5	<2	0.22	1.3	13	24	82	4.58	<10
CC29429		0.34	0.9	0.91	35	<10	90	<0.5	3	0.13	1.4	11	22	80	4.22	<10
CC29430		0.34	1.0	1.02	45	<10	100	<0.5	2	0.20	0.8	14	25	83	4.58	<10
CC29431		0.34	1.0	0.78	52	<10	80	<0.5	3	0.16	0.5	9	19	71	3.83	<10
CC29432		0.04	0.9	1.39	49	<10	110	<0.5	<2	0.12	0.5	17	30	129	5.82	<10

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

Project: MARG

Finalized D...: 11-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07080702

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC29381		<1	0.04	30	0.39	193	7	<0.01	31	1120	17	0.07	2	2	21	<20
CC29382		1	0.05	30	0.45	248	6	0.01	33	1430	16	0.09	3	1	17	<20
CC29383		1	0.03	20	0.66	484	11	0.01	56	1350	21	0.08	6	4	21	<20
CC29384		1	0.05	10	0.06	48	2	0.01	6	810	4	0.10	<2	1	9	<20
CC29385		1	0.03	10	0.74	320	6	0.01	37	1280	13	0.10	2	2	25	<20
CC29386		<1	0.04	30	0.79	664	6	0.02	41	1600	18	0.13	2	1	23	<20
CC29387		<1	0.03	10	0.62	240	3	0.01	46	970	8	0.08	<2	1	20	<20
CC29388		<1	0.04	10	1.03	626	5	0.01	54	1570	16	0.10	<2	2	21	<20
CC29401		<1	0.02	10	1.77	1225	<1	0.01	108	580	3	0.04	4	19	20	<20
CC29402		<1	0.03	10	0.66	433	2	0.01	35	570	6	0.06	2	3	13	<20
CC29403		<1	0.03	20	0.70	353	6	0.03	35	1200	15	0.19	3	3	28	<20
CC29404		<1	0.03	20	0.72	283	3	0.01	26	860	12	0.06	<2	2	16	<20
CC29405		<1	0.04	20	1.14	675	2	0.02	64	1080	11	0.05	<2	6	24	<20
CC29406		1	0.03	20	0.93	429	5	0.01	59	1360	25	0.06	2	5	34	<20
CC29407		1	0.05	10	0.23	196	11	0.02	33	1740	12	0.11	3	1	81	<20
CC29408		<1	0.06	10	0.20	159	15	0.01	19	1710	20	0.12	8	1	50	<20
CC29409		1	0.17	20	0.36	540	1	0.01	17	930	17	0.07	3	2	18	<20
CC29410		1	0.05	20	0.59	487	3	0.01	33	900	10	0.08	<2	1	13	<20
CC29411		<1	0.03	20	0.52	388	2	0.01	45	1090	9	0.07	2	1	11	<20
CC29412		<1	0.04	20	0.54	315	1	0.01	32	860	9	0.04	<2	3	13	<20
CC29413		<1	0.04	20	0.63	396	2	0.01	30	730	11	0.06	<2	2	13	<20
CC29414		<1	0.04	20	0.47	272	2	0.01	27	930	6	0.05	2	2	17	<20
CC29415		<1	0.04	20	0.37	571	2	0.01	42	1170	10	0.09	<2	1	16	<20
CC29416		<1	0.04	20	0.40	379	4	0.01	33	1410	13	0.06	4	1	17	<20
CC29417		<1	0.05	20	0.49	436	5	0.02	35	1550	16	0.09	3	1	21	<20
CC29418		<1	0.04	20	0.44	294	4	0.01	38	1480	13	0.07	3	2	17	<20
CC29419		<1	0.03	20	0.30	189	2	0.01	29	870	11	0.06	<2	1	15	<20
CC29420		1	0.04	20	0.44	282	2	0.01	44	1150	15	0.06	3	2	17	<20
CC29421		<1	0.03	30	0.52	291	8	0.01	45	1180	22	0.03	3	2	17	<20
CC29422		<1	0.03	30	0.80	340	5	0.01	42	990	13	0.03	4	3	20	<20
CC29423		1	0.03	30	0.76	301	6	0.01	41	990	14	0.05	3	3	23	<20
CC29424		1	0.04	30	0.77	402	6	0.01	53	1320	15	0.03	3	2	20	<20
CC29425		<1	0.03	30	0.76	510	6	0.01	69	1020	14	0.03	4	2	18	<20
CC29426		<1	0.04	20	0.47	422	4	0.01	25	1050	13	0.05	<2	1	13	<20
CC29427		1	0.04	10	0.42	207	2	0.01	20	900	13	0.03	2	1	11	<20
CC29428		<1	0.02	30	0.56	313	7	0.01	40	1060	12	0.04	2	3	17	<20
CC29429		<1	0.02	30	0.47	313	5	0.01	42	1080	10	0.04	2	2	18	<20
CC29430		<1	0.03	40	0.44	363	4	0.01	43	1300	13	0.04	2	2	25	<20
CC29431		<1	0.02	30	0.38	229	5	<0.01	29	1130	10	0.02	2	2	19	<20
CC29432		2	0.02	30	0.62	672	5	0.02	54	1460	16	0.04	3	3	17	<20

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

Project: MARG

Finalized D...: 11-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07080702

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Tl	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC29381		0.01	<10	<10	57	<10	230
CC29382		0.01	<10	<10	60	<10	182
CC29383		0.02	<10	<10	71	<10	517
CC29384		0.03	<10	<10	45	<10	60
CC29385		0.02	<10	<10	73	<10	271
CC29386		0.01	<10	<10	67	<10	228
CC29387		0.02	<10	<10	54	<10	181
CC29388		0.02	<10	<10	75	<10	235
CC29401		0.05	<10	<10	129	<10	272
CC29402		0.11	<10	<10	91	<10	198
CC29403		0.03	<10	<10	64	<10	307
CC29404		0.04	<10	<10	58	<10	168
CC29405		0.05	<10	<10	91	<10	271
CC29406		0.03	<10	<10	71	<10	331
CC29407		0.01	<10	<10	45	<10	202
CC29408		0.02	<10	<10	38	<10	154
CC29409		0.07	<10	<10	33	<10	114
CC29410		0.04	<10	<10	67	<10	219
CC29411		0.02	<10	<10	50	<10	236
CC29412		0.05	<10	<10	55	<10	158
CC29413		0.05	<10	<10	63	<10	193
CC29414		0.04	<10	<10	46	<10	163
CC29415		0.02	<10	<10	45	<10	154
CC29416		0.02	<10	<10	49	<10	201
CC29417		0.02	<10	<10	61	<10	185
CC29418		0.02	<10	<10	53	<10	188
CC29419		0.02	<10	<10	43	<10	95
CC29420		0.02	<10	<10	42	<10	184
CC29421		0.03	<10	<10	40	<10	207
CC29422		0.02	<10	<10	50	<10	160
CC29423		0.01	<10	<10	48	<10	163
CC29424		0.03	<10	<10	52	<10	235
CC29425		0.03	<10	<10	49	<10	218
CC29426		0.02	<10	<10	54	<10	143
CC29427		0.02	<10	<10	48	<10	100
CC29428		<0.01	<10	<10	43	<10	213
CC29429		<0.01	<10	<10	36	<10	178
CC29430		<0.01	<10	<10	36	<10	141
CC29431		<0.01	<10	<10	32	<10	142
CC29432		0.01	<10	<10	47	<10	177

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

Project: MARG

Finalized Date: 11-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07080702

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
CC29433		0.34	1.0	0.72	37	<10	80	<0.5	<2	0.12	0.6	9	26	75	3.84	<10
CC29434		0.32	0.6	1.28	15	<10	90	<0.5	2	0.15	0.9	22	39	147	4.77	<10
CC29435		0.30	0.8	1.31	17	<10	110	<0.5	2	0.15	<0.5	18	37	170	4.85	<10
CC29436		0.28	0.7	1.67	30	<10	120	<0.5	2	0.21	0.8	25	46	272	4.90	<10
CC29451		0.36	<0.2	0.84	5	<10	230	<0.5	2	0.24	<0.5	16	5	21	3.44	<10
CC29452		0.42	0.2	1.48	28	<10	420	<0.5	<2	0.37	<0.5	13	7	23	5.08	<10
CC29453		0.42	1.1	0.92	38	<10	90	<0.5	<2	0.11	3.1	17	23	110	5.36	<10
CC29454		0.36	0.8	1.09	34	<10	90	<0.5	2	0.19	0.8	20	27	108	5.31	<10
CC29455		0.40	1.1	1.26	25	<10	110	<0.5	<2	0.18	8.9	39	31	184	5.85	<10
CC29456		0.40	1.9	1.51	34	<10	100	<0.5	2	0.19	16.6	73	38	282	9.05	<10
CC29457		0.32	0.5	2.08	86	<10	170	<0.5	<2	0.38	2.6	56	72	305	7.35	<10
CC29458		0.34	0.6	0.69	32	<10	50	<0.5	<2	0.10	<0.5	10	17	70	3.93	<10
CC29459		0.36	1.0	1.11	72	<10	90	<0.5	<2	0.14	0.6	18	23	141	5.68	<10
CC29460		0.34	0.6	0.96	29	<10	50	<0.5	2	0.11	<0.5	10	21	102	4.42	<10
CC29461		0.50	0.9	0.55	23	<10	90	<0.5	<2	0.12	1.6	10	17	81	4.15	<10
CC29462		0.52	0.2	0.89	43	<10	40	<0.5	2	0.10	1.4	20	25	115	3.42	<10
CC29463		0.46	0.8	1.31	35	<10	90	<0.5	<2	0.14	1.1	19	32	161	4.88	<10
CC29464		0.38	0.6	0.91	28	<10	70	<0.5	<2	0.09	0.8	16	28	123	4.08	<10
CC29465		0.48	0.5	1.34	13	<10	100	<0.5	<2	0.18	0.8	24	43	169	5.14	<10
CC29466		0.44	1.2	0.71	43	<10	90	<0.5	<2	0.10	0.7	11	25	82	4.20	<10
CC29467		0.36	0.8	0.56	24	<10	100	<0.5	<2	0.12	0.8	11	17	81	4.10	<10
CC29468		0.34	1.4	1.05	90	<10	130	<0.5	2	0.19	<0.5	12	22	119	6.06	<10
CC29469		0.44	0.7	0.83	56	<10	60	<0.5	<2	0.11	0.6	14	21	83	4.19	<10
CC29470		0.46	1.4	1.20	32	<10	130	<0.5	3	0.17	3.1	18	28	134	5.37	<10
CC29471		0.44	1.4	1.30	30	<10	120	<0.5	<2	0.34	1.8	24	40	187	6.60	<10
CC29472		0.32	0.5	1.98	44	<10	170	<0.5	3	0.41	5.0	50	39	276	7.54	<10
CC20958		0.34	0.4	0.88	21	<10	130	<0.5	3	0.28	0.6	15	12	64	3.90	<10
CC20959		0.28	0.6	0.61	28	<10	100	<0.5	2	0.08	<0.5	7	8	51	3.36	<10
CC20960		0.38	0.2	0.65	9	<10	50	<0.5	<2	0.12	<0.5	4	5	29	2.87	<10
CC20961		0.38	0.8	0.60	28	<10	80	<0.5	2	0.05	1.2	12	13	92	4.40	<10
CC20962		0.34	1.2	0.71	23	<10	140	<0.5	<2	0.08	0.6	7	17	96	4.10	<10
CC20963		0.34	1.2	0.59	26	<10	110	<0.5	2	0.16	2.4	8	15	84	3.17	<10
CC20964		0.34	2.4	0.74	41	<10	160	<0.5	2	0.27	2.8	10	21	146	4.08	<10
CC20965		0.38	1.6	1.20	35	<10	170	<0.5	2	0.46	7.6	38	32	195	5.74	<10
CC20966		0.52	1.5	0.84	20	<10	120	<0.5	2	1.24	6.7	33	27	122	5.82	<10
CC20967		0.40	1.0	2.01	46	<10	180	<0.5	2	0.61	11.1	66	79	451	12.30	10
CC20968		0.42	2.6	1.10	62	<10	160	<0.5	<2	0.38	34.5	28	27	171	5.66	<10
CC20969		0.38	0.5	2.08	42	<10	260	<0.5	2	2.81	10.3	69	59	154	8.73	<10
CC20970		0.40	1.0	0.92	24	<10	90	<0.5	<2	1.08	5.0	39	25	120	7.24	<10
CC20971		0.40	1.7	1.14	34	<10	150	<0.5	<2	0.41	5.9	22	31	154	5.12	<10

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07080702

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC29433		<1	0.02	30	0.33	213	6	0.01	32	1280	15	0.05	2	3	18	<20
CC29434		1	0.04	30	0.72	305	8	0.01	54	910	10	0.09	4	3	21	<20
CC29435		<1	0.04	30	0.74	302	9	0.01	46	930	14	0.08	3	2	23	<20
CC29436		1	0.07	30	0.91	476	6	0.01	54	1140	13	0.06	2	3	22	<20
CC29451		<1	0.08	50	0.28	775	1	0.01	17	1110	29	0.03	2	2	16	<20
CC29452		1	0.19	70	0.52	725	1	0.01	16	890	24	0.01	<2	4	29	20
CC29453		1	0.02	30	0.47	407	8	0.01	58	1430	10	0.07	2	4	20	<20
CC29454		<1	0.02	30	0.55	433	7	0.01	62	1110	13	0.05	<2	3	21	<20
CC29455		1	0.02	30	0.68	784	9	0.02	131	1420	15	0.11	3	5	27	<20
CC29456		<1	0.02	50	0.75	949	14	0.01	245	1290	20	0.07	2	6	12	<20
CC29457		<1	0.02	40	1.14	915	4	0.02	112	1570	25	0.07	3	8	19	<20
CC29458		<1	0.02	30	0.25	270	3	0.01	40	1040	9	0.03	2	2	17	<20
CC29459		<1	0.03	40	0.48	420	6	0.02	57	1310	13	0.07	<2	3	24	<20
CC29460		<1	0.02	30	0.38	501	3	0.01	39	1100	10	0.05	2	2	13	<20
CC29461		1	0.02	20	0.26	406	6	0.01	39	1390	10	0.06	2	3	22	<20
CC29462		1	0.01	20	0.47	3150	3	<0.01	57	850	6	0.01	3	3	9	<20
CC29463		<1	0.05	30	0.56	301	7	0.01	67	1200	14	0.07	3	3	22	<20
CC29464		<1	0.03	20	0.48	238	7	0.01	45	940	9	0.06	2	2	17	<20
CC29465		1	0.04	30	0.79	339	9	0.02	66	1000	13	0.10	3	3	24	<20
CC29466		<1	0.03	30	0.31	229	7	0.01	31	1450	38	0.08	4	3	23	<20
CC29467		<1	0.03	20	0.26	345	7	0.01	39	1410	14	0.07	2	2	21	<20
CC29468		1	0.02	40	0.47	263	10	0.01	49	1680	21	0.06	2	2	33	<20
CC29469		<1	0.02	30	0.38	375	3	0.01	45	1070	9	0.03	2	2	19	<20
CC29470		1	0.03	30	0.65	482	8	0.02	60	1430	15	0.09	2	4	27	<20
CC29471		1	0.02	30	0.75	442	10	0.02	75	1290	12	0.12	2	3	21	<20
CC29472		<1	0.02	30	1.18	905	8	0.01	139	1120	19	0.06	3	8	14	<20
CC20958		1	0.02	30	0.35	478	7	<0.01	37	870	25	0.04	3	1	28	<20
CC20959		1	0.02	20	0.23	231	10	0.01	21	970	26	0.07	2	1	24	<20
CC20960		<1	0.01	20	0.41	176	3	0.01	13	980	27	0.03	2	1	22	<20
CC20961		<1	0.02	20	0.26	657	8	0.01	52	910	16	0.06	5	1	24	<20
CC20962		<1	0.03	20	0.35	349	7	0.01	33	1210	24	0.08	6	1	46	<20
CC20963		1	0.02	20	0.27	270	10	0.02	36	1480	15	0.05	7	1	49	<20
CC20964		<1	0.03	20	0.41	295	13	0.01	38	2040	32	0.07	12	2	92	<20
CC20965		<1	0.05	20	0.78	872	13	0.01	119	1730	22	0.10	7	4	87	<20
CC20966		1	0.04	10	0.77	631	15	0.02	108	2670	13	0.17	7	3	159	<20
CC20967		1	0.04	10	1.40	1140	13	0.01	417	1500	6	0.06	5	8	41	<20
CC20968		1	0.04	10	0.46	497	15	0.02	150	2870	22	0.15	12	2	53	<20
CC20969		<1	0.03	10	1.69	1145	7	0.01	204	1580	8	0.07	5	6	121	<20
CC20970		1	0.03	10	0.87	689	9	0.02	118	1790	12	0.10	5	3	65	<20
CC20971		<1	0.03	30	0.67	539	13	0.01	81	1690	28	0.07	7	3	105	<20

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

Project: MARG

Finalized L : 11-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07080702

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC29433		0.01	<10	<10	39	<10	148
CC29434		0.03	<10	<10	44	<10	153
CC29435		0.03	<10	<10	51	<10	140
CC29436		0.04	<10	<10	61	<10	148
CC29451		0.03	<10	<10	11	<10	95
CC29452		0.07	<10	<10	15	<10	125
CC29453		<0.01	<10	<10	47	<10	329
CC29454		<0.01	<10	<10	46	<10	299
CC29455		0.01	<10	<10	56	<10	711
CC29456		0.01	<10	<10	56	<10	1080
CC29457		0.02	<10	<10	72	<10	582
CC29458		<0.01	<10	<10	23	<10	98
CC29459		<0.01	<10	<10	35	<10	169
CC29460		<0.01	<10	<10	29	<10	93
CC29461		<0.01	<10	<10	33	<10	171
CC29462		0.01	<10	<10	31	<10	119
CC29463		0.02	<10	<10	42	<10	173
CC29464		0.02	<10	<10	35	<10	141
CC29465		0.03	<10	<10	46	<10	167
CC29466		0.01	<10	<10	38	<10	145
CC29467		<0.01	<10	<10	35	<10	176
CC29468		<0.01	<10	<10	42	<10	300
CC29469		<0.01	<10	<10	30	<10	127
CC29470		0.01	<10	<10	51	<10	312
CC29471		0.01	<10	<10	57	<10	440
CC29472		0.01	<10	<10	81	<10	799
CC20958		<0.01	<10	<10	19	<10	158
CC20959		<0.01	<10	<10	19	<10	127
CC20960		<0.01	<10	<10	8	<10	89
CC20961		<0.01	<10	<10	27	<10	298
CC20962		0.01	<10	<10	31	<10	236
CC20963		0.01	<10	<10	37	<10	230
CC20964		0.01	<10	<10	50	<10	266
CC20965		0.02	<10	<10	62	<10	661
CC20966		0.01	<10	<10	48	<10	687
CC20967		0.05	<10	<10	94	<10	3850
CC20968		0.01	<10	10	48	<10	1130
CC20969		0.01	<10	<10	58	<10	1430
CC20970		<0.01	<10	<10	37	<10	632
CC20971		0.01	<10	<10	58	<10	493

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07080702

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC20972		0.42	1.6	0.92	36	<10	150	<0.5	<2	0.31	2.2	13	25	123	4.74	<10
CC20973		0.36	1.9	0.77	34	<10	90	<0.5	2	0.13	1.2	11	23	126	4.33	<10
CC20974		0.36	1.4	0.96	40	<10	230	<0.5	<2	0.26	4.0	15	28	121	4.67	<10
CC20975		0.34	1.8	0.91	25	<10	150	<0.5	2	0.22	1.9	9	24	93	4.05	<10
CC20976		0.32	1.5	0.90	34	<10	110	<0.5	<2	0.15	2.4	16	23	106	5.31	<10
CC20977		0.48	1.7	0.51	48	<10	80	<0.5	<2	0.30	4.2	16	15	80	5.35	<10
CC20978		0.30	1.7	0.82	41	<10	150	<0.5	<2	0.53	1.8	12	21	91	5.28	<10
CC20979		0.40	1.2	1.00	38	<10	120	<0.5	<2	0.34	11.0	30	29	105	5.23	<10
CC20980		0.24	0.7	0.71	145	<10	70	<0.5	<2	2.20	2.6	51	34	204	6.86	<10
CC20981		0.44	1.7	1.57	234	<10	60	<0.5	2	4.06	12.5	101	57	381	11.40	<10
CC20982		0.36	3.4	0.52	55	<10	180	<0.5	2	0.13	2.3	8	19	75	8.86	<10
CC20983		0.44	1.5	0.88	48	<10	60	<0.5	2	0.17	4.4	21	15	182	4.73	<10
CC20984		0.50	1.0	1.19	18	<10	50	0.5	2	0.10	1.5	86	12	132	6.68	<10
CC20985		0.32	2.4	0.74	48	<10	210	<0.5	2	0.14	1.4	9	12	71	4.99	<10
CC20986		0.40	2.2	0.57	29	<10	110	<0.5	3	0.04	1.1	6	16	63	3.77	<10
CC20987		0.46	3.2	0.42	80	<10	240	<0.5	2	0.41	8.1	9	7	107	3.01	<10
CC20988		0.40	0.6	1.82	51	<10	40	<0.5	2	0.21	<0.5	53	52	253	5.82	<10
CC20989		0.42	0.5	1.47	41	<10	40	<0.5	2	0.16	<0.5	19	38	147	5.06	<10
CC20990		0.64	0.3	1.21	26	<10	70	<0.5	2	0.11	<0.5	15	25	90	4.83	<10
CC20991		0.32	0.4	1.32	27	<10	60	<0.5	2	0.06	<0.5	11	27	75	4.99	<10
CC20992		0.28	0.4	1.66	55	<10	140	<0.5	2	0.17	0.5	19	32	84	6.20	<10
CC20993		0.34	0.3	1.28	43	<10	220	<0.5	2	0.26	<0.5	15	21	59	4.56	<10
CC20994		0.44	0.3	1.06	16	<10	160	<0.5	<2	0.18	<0.5	10	16	36	4.05	<10
CC20995		0.32	0.7	1.58	40	<10	290	<0.5	<2	0.21	0.9	10	26	59	5.37	<10
CC20996		0.42	0.4	1.29	35	<10	150	<0.5	2	0.09	0.7	11	24	56	3.83	<10
CC20997		0.36	0.4	1.36	74	<10	170	<0.5	2	0.11	<0.5	9	17	91	4.26	<10
CC20998		0.32	0.2	1.30	41	<10	150	<0.5	2	0.20	<0.5	8	31	51	3.59	<10
CC20999		0.32	<0.2	1.27	87	<10	170	<0.5	<2	0.04	<0.5	5	14	26	3.06	<10
CC21000		0.32	<0.2	0.90	86	<10	160	<0.5	<2	0.09	<0.5	9	9	28	3.08	<10

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

Project: MARG

Finalized Date: 11-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07080702

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC20972		2	0.03	20	0.50	419	9	0.01	44	1910	26	0.07	7	2	75	<20
CC20973		<1	0.02	20	0.33	226	11	0.01	43	1780	46	0.05	13	1	43	<20
CC20974		1	0.06	20	0.63	350	16	0.01	58	1660	27	0.13	12	3	98	<20
CC20975		<1	0.02	20	0.46	332	9	0.01	43	1810	28	0.07	8	1	81	<20
CC20976		1	0.02	20	0.47	524	8	0.01	63	1380	23	0.06	8	2	45	<20
CC20977		1	0.02	10	0.29	445	8	0.01	76	1910	20	0.07	11	2	36	<20
CC20978		2	0.02	10	0.46	371	6	0.01	59	1470	23	0.08	7	2	35	<20
CC20979		<1	0.02	10	0.63	481	10	0.01	95	2050	9	0.06	7	3	30	<20
CC20980		1	0.02	10	0.80	773	3	0.01	146	1450	6	0.13	3	5	93	<20
CC20981		1	0.02	10	1.15	1290	5	0.01	299	1440	5	0.09	5	8	72	<20
CC20982		<1	0.04	10	0.25	324	21	0.02	38	2320	48	0.20	14	1	59	<20
CC20983		1	0.02	30	0.38	452	7	<0.01	40	1590	29	0.05	7	2	23	<20
CC20984		<1	0.02	70	0.41	2400	2	<0.01	120	690	36	0.04	3	2	9	30
CC20985		1	0.05	30	0.28	382	17	0.01	25	1680	53	0.14	12	1	71	<20
CC20986		1	0.04	10	0.15	167	10	0.01	32	1830	19	0.14	7	1	43	<20
CC20987		1	0.07	10	0.05	182	26	0.01	56	3690	39	0.13	32	1	140	<20
CC20988		<1	0.02	40	0.98	703	3	0.01	76	1280	35	0.04	8	5	9	<20
CC20989		<1	0.02	30	0.70	379	3	0.01	39	1140	28	0.05	8	3	8	<20
CC20990		1	0.03	30	0.59	434	3	0.01	36	1040	23	0.03	5	4	8	<20
CC20991		<1	0.02	20	0.60	361	4	0.01	26	1100	23	0.04	4	3	7	<20
CC20992		<1	0.04	30	0.64	538	8	0.01	54	1530	41	0.05	6	3	12	<20
CC20993		<1	0.05	30	0.42	512	4	0.01	43	1030	30	0.01	3	3	19	<20
CC20994		1	0.03	30	0.41	436	2	0.02	31	800	21	<0.01	3	2	13	<20
CC20995		<1	0.04	20	0.51	502	7	0.02	32	1650	16	0.04	3	3	17	<20
CC20996		1	0.04	10	0.38	461	4	0.01	29	1130	17	0.02	2	1	13	<20
CC20997		1	0.04	10	0.32	482	3	0.01	20	970	26	0.03	3	1	11	<20
CC20998		2	0.03	10	0.48	310	2	0.01	24	1070	9	0.03	<2	1	11	<20
CC20999		<1	0.03	10	0.32	262	2	0.01	10	710	18	0.01	<2	1	7	<20
CC21000		1	0.06	10	0.25	333	2	<0.01	19	610	30	<0.01	3	1	12	<20

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

Project: MARG

Finalized D: 11-AUG-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07080702

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC20972		0.01	<10	<10	38	<10	251
CC20973		<0.01	<10	<10	35	<10	254
CC20974		0.02	<10	<10	64	<10	457
CC20975		<0.01	<10	<10	39	<10	273
CC20976		<0.01	<10	<10	35	<10	328
CC20977		<0.01	<10	<10	27	<10	472
CC20978		<0.01	<10	<10	31	<10	343
CC20979		0.01	<10	<10	53	<10	660
CC20980		<0.01	<10	<10	29	<10	302
CC20981		<0.01	<10	10	40	<10	945
CC20982		<0.01	<10	<10	38	<10	522
CC20983		0.01	<10	<10	25	<10	290
CC20984		0.01	<10	<10	10	<10	265
CC20985		<0.01	<10	<10	34	<10	194
CC20986		0.01	<10	<10	38	<10	252
CC20987		<0.01	<10	10	61	<10	438
CC20988		0.03	<10	<10	59	<10	156
CC20989		0.02	<10	<10	49	<10	101
CC20990		0.02	<10	<10	44	<10	149
CC20991		0.01	<10	<10	46	<10	118
CC20992		0.01	<10	<10	55	<10	252
CC20993		0.01	<10	<10	33	<10	206
CC20994		0.01	<10	<10	23	<10	191
CC20995		0.01	<10	<10	65	<10	389
CC20996		0.02	<10	<10	53	<10	219
CC20997		0.02	<10	<10	46	<10	128
CC20998		0.01	<10	<10	52	<10	127
CC20999		0.01	<10	<10	28	<10	67
CC21000		0.01	<10	<10	15	<10	80

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

Finalized : 29-JUL-2007
Account: MARPRO

CERTIFICATE VA07077539

Project: MARG

P.O. No.:

This report is for 251 Soil samples submitted to our lab in Vancouver, BC, Canada on 17-JUL-2007.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature: Lawrence Ng

Lawrence Ng, Laboratory Manager - Vancouver

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

Project: MARG

Finalized Date: 29-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC20780		0.20	0.5	1.98	24	<10	140	<0.5	<2	0.08	0.5	12	32	55	3.83	10
CC20781		0.28	<0.2	1.30	8	<10	100	<0.5	<2	0.20	1.2	10	22	72	3.19	<10
CC20782		0.34	0.3	1.83	16	<10	430	<0.5	<2	0.10	0.6	14	32	61	3.49	10
CC20783		0.30	0.4	1.21	21	<10	90	<0.5	<2	0.06	1.2	9	33	63	3.32	10
CC20784		0.34	1.6	1.16	22	<10	140	<0.5	<2	0.29	3.0	14	26	105	3.32	<10
CC20785		0.24	1.4	1.34	19	<10	240	<0.5	<2	0.26	1.9	8	26	95	4.33	<10
CC20786		0.28	0.3	0.82	35	<10	70	<0.5	<2	0.02	1.1	7	19	49	3.86	<10
CC20787		0.32	0.3	1.40	26	<10	120	<0.5	<2	0.06	0.6	10	26	43	3.24	<10
CC20788		0.14	<0.2	1.52	22	<10	90	<0.5	<2	0.14	0.8	12	25	107	3.04	<10
CC20789		0.30	0.2	1.23	20	<10	80	<0.5	<2	0.10	0.7	10	23	68	3.83	<10
CC20790		0.18	<0.2	1.32	19	<10	80	<0.5	<2	0.13	<0.5	8	19	104	4.13	10
CC20791		0.32	0.2	1.20	34	<10	80	<0.5	<2	0.17	<0.5	18	15	171	3.39	<10
CC20792		0.32	0.4	1.11	39	<10	60	<0.5	<2	0.18	0.7	17	18	49	3.52	<10
CC20793		0.30	0.5	1.52	38	<10	130	<0.5	<2	0.07	<0.5	8	25	35	3.44	10
CC20794		0.40	0.5	1.67	29	<10	170	<0.5	<2	0.13	0.6	12	32	73	4.65	10
CC20795		0.16	0.7	1.36	26	<10	220	<0.5	<2	0.10	0.8	12	28	92	4.24	<10
CC20796		0.36	0.4	1.22	30	<10	320	<0.5	<2	0.08	1.1	11	26	77	4.44	<10
CC20797		0.30	0.7	1.70	27	<10	220	<0.5	<2	0.17	0.6	16	45	133	5.43	<10
CC20798		0.58	0.8	1.09	27	<10	100	<0.5	<2	0.12	1.5	18	22	126	5.18	<10
CC20799		0.54	1.0	0.99	35	<10	100	<0.5	<2	0.13	1.8	17	21	158	4.87	<10
CC20800		0.32	0.5	0.78	15	<10	60	<0.5	<2	0.09	<0.5	6	18	32	2.44	<10
CC20801		0.32	0.7	1.57	22	<10	160	<0.5	<2	0.24	0.6	27	10	122	5.63	10
CC20802		0.22	0.2	1.58	24	<10	120	<0.5	<2	0.21	<0.5	26	21	148	3.86	10
CC20803		0.34	0.2	1.95	32	<10	140	<0.5	<2	0.24	<0.5	24	15	154	5.00	10
CC20804		0.38	0.2	1.14	62	<10	90	<0.5	<2	0.06	0.6	12	18	38	3.99	<10
CC20805		0.32	0.2	1.20	49	<10	120	<0.5	<2	0.07	0.6	13	20	37	3.69	<10
CC20806		0.16	0.2	1.22	24	<10	160	<0.5	<2	0.04	<0.5	6	18	26	2.49	<10
CC20807		0.24	<0.2	1.34	33	<10	100	<0.5	<2	0.06	<0.5	6	23	24	3.20	10
CC20808		0.24	0.2	1.52	20	<10	110	<0.5	<2	0.16	<0.5	12	26	73	3.51	<10
CC20809		0.26	0.3	1.57	27	<10	330	<0.5	2	0.20	0.6	11	26	41	3.17	10
CC20810		0.24	0.4	1.35	38	<10	190	<0.5	<2	0.10	0.9	8	21	40	3.36	10
CC20811		0.28	0.2	1.40	30	<10	410	<0.5	<2	0.27	0.5	6	21	29	2.89	10
CC20812		0.34	1.0	1.23	183	<10	160	<0.5	2	0.23	0.8	10	19	67	3.63	<10
CC20813		0.24	0.5	1.39	37	<10	320	<0.5	<2	0.24	0.7	10	20	47	2.91	10
CC20814		0.22	1.1	1.41	41	<10	560	<0.5	<2	0.42	1.5	19	20	65	3.42	<10
CC20815		0.22	0.7	1.32	42	<10	400	<0.5	<2	0.32	1.4	12	18	74	3.22	<10
CC20816		0.28	0.6	0.93	37	<10	120	<0.5	<2	0.14	0.9	6	17	29	2.52	<10
CC20817		0.30	0.4	1.07	20	<10	130	<0.5	<2	0.06	0.5	3	16	17	2.10	<10
CC20818		0.30	0.4	0.78	8	<10	110	<0.5	<2	0.13	<0.5	2	8	8	1.14	<10
CC20819		0.26	0.2	1.41	32	<10	330	<0.5	<2	0.18	1.3	9	18	24	3.23	10

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

Project: MARG

Finalized Date: 29-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC20780		<1	0.04	30	0.50	352	1	0.01	41	1020	14	0.05	3	1	13	<20
CC20781		<1	0.02	20	0.52	260	2	0.01	33	930	9	0.07	2	2	12	<20
CC20782		<1	0.05	20	0.52	436	2	0.01	27	1050	14	0.07	3	1	12	<20
CC20783		<1	0.03	10	0.41	279	3	0.01	24	920	9	0.08	<2	1	10	<20
CC20784		<1	0.04	20	0.56	287	6	0.02	47	1550	15	0.12	9	2	36	<20
CC20785		<1	0.05	10	0.55	229	6	0.02	30	1080	27	0.14	<2	2	38	<20
CC20786		<1	0.03	10	0.19	106	3	0.01	29	990	20	0.05	4	<1	21	<20
CC20787		<1	0.04	10	0.36	239	4	0.01	32	610	24	0.04	3	1	16	<20
CC20788		<1	0.05	10	0.40	418	1	0.01	32	840	12	0.03	3	2	13	<20
CC20789		<1	0.04	10	0.33	364	1	0.01	22	740	12	0.05	2	1	11	<20
CC20790		<1	0.04	10	0.35	281	1	0.01	17	630	8	0.03	3	3	13	<20
CC20791		<1	0.04	10	0.40	511	1	0.01	31	1000	5	0.04	3	2	15	<20
CC20792		<1	0.03	20	0.28	402	<1	0.01	46	1090	16	0.03	5	3	11	<20
CC20793		<1	0.04	10	0.32	305	3	0.01	23	1020	19	0.05	5	1	9	<20
CC20794		<1	0.04	10	0.54	271	3	0.01	42	960	22	0.05	2	4	13	<20
CC20795		<1	0.04	20	0.45	303	4	0.01	42	1140	25	0.06	3	3	16	<20
CC20796		<1	0.04	10	0.42	284	6	0.01	45	1070	26	0.08	<2	2	20	<20
CC20797		<1	0.04	10	0.74	330	5	0.01	63	1250	33	0.07	3	3	27	<20
CC20798		<1	0.04	10	0.47	396	6	0.01	59	1170	26	0.15	2	3	30	<20
CC20799		<1	0.04	10	0.39	331	7	0.01	58	1240	32	0.14	3	2	25	<20
CC20800		<1	0.03	20	0.22	239	1	0.01	19	940	26	0.03	2	2	11	<20
CC20801		<1	0.04	10	0.53	799	<1	0.01	51	1010	13	0.04	<2	6	12	<20
CC20802		<1	0.04	10	0.64	808	<1	0.01	38	910	58	0.05	<2	3	13	<20
CC20803		<1	0.03	10	0.83	734	<1	0.01	40	910	21	0.03	<2	6	12	<20
CC20804		<1	0.04	20	0.30	431	2	0.01	27	900	30	0.03	4	2	11	<20
CC20805		<1	0.05	20	0.32	428	2	0.01	22	860	25	0.03	6	2	13	<20
CC20806		<1	0.04	20	0.26	417	1	0.01	15	770	19	0.05	3	1	10	<20
CC20807		<1	0.04	10	0.32	175	1	0.01	16	660	21	0.04	4	1	10	<20
CC20808		<1	0.04	20	0.54	380	1	0.01	34	970	23	0.04	2	3	13	<20
CC20809		<1	0.06	20	0.43	516	1	0.02	22	970	18	0.06	3	1	16	<20
CC20810		<1	0.04	20	0.37	265	1	0.01	21	980	21	0.04	4	1	13	<20
CC20811		<1	0.05	10	0.39	254	2	0.02	18	1060	18	0.05	3	1	19	<20
CC20812		<1	0.04	10	0.38	164	3	0.01	38	920	127	0.03	12	1	14	<20
CC20813		<1	0.05	10	0.37	287	1	0.01	34	830	19	0.05	<2	1	16	<20
CC20814		<1	0.05	10	0.36	643	2	0.02	43	1730	17	0.09	3	2	24	<20
CC20815		<1	0.05	10	0.32	299	2	0.01	39	1580	20	0.10	3	2	22	<20
CC20816		<1	0.03	10	0.31	138	1	0.01	23	800	17	0.04	3	1	13	<20
CC20817		<1	0.04	10	0.22	118	1	0.01	11	690	17	0.04	<2	<1	8	<20
CC20818		<1	0.04	10	0.11	87	<1	0.01	6	1010	10	0.05	3	<1	10	<20
CC20819		1	0.04	10	0.38	296	1	0.01	21	930	19	0.05	2	2	16	<20

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC20780		0.02	<10	<10	52	<10	131
CC20781		0.04	<10	<10	45	<10	174
CC20782		0.03	<10	<10	64	<10	126
CC20783		0.05	<10	<10	93	<10	126
CC20784		0.03	<10	<10	56	<10	317
CC20785		0.01	<10	<10	50	<10	240
CC20786		0.01	<10	<10	49	<10	198
CC20787		0.02	<10	<10	45	<10	146
CC20788		0.04	<10	<10	47	<10	102
CC20789		0.06	<10	<10	56	<10	89
CC20790		0.09	<10	<10	63	<10	64
CC20791		0.03	<10	<10	43	<10	118
CC20792		0.02	<10	<10	36	<10	121
CC20793		0.01	<10	<10	50	<10	82
CC20794		<0.01	<10	<10	53	<10	178
CC20795		0.01	<10	<10	48	<10	204
CC20796		0.01	<10	<10	48	<10	242
CC20797		0.01	<10	<10	60	<10	253
CC20798		0.01	<10	<10	37	<10	287
CC20799		0.01	<10	<10	37	<10	303
CC20800		0.03	<10	<10	33	<10	71
CC20801		0.02	<10	<10	50	<10	167
CC20802		0.04	<10	<10	64	<10	131
CC20803		0.04	<10	<10	74	<10	105
CC20804		0.03	<10	<10	33	<10	138
CC20805		0.03	<10	<10	38	<10	131
CC20806		0.02	<10	<10	38	<10	59
CC20807		0.02	<10	<10	48	<10	73
CC20808		0.05	<10	<10	51	<10	110
CC20809		0.02	<10	<10	52	<10	98
CC20810		0.02	<10	<10	42	<10	107
CC20811		0.02	<10	<10	49	<10	96
CC20812		0.01	<10	<10	45	<10	222
CC20813		0.02	<10	<10	48	<10	175
CC20814		0.01	<10	<10	41	<10	216
CC20815		0.01	<10	<10	36	<10	182
CC20816		0.02	<10	<10	37	<10	102
CC20817		0.01	<10	<10	36	<10	54
CC20818		<0.01	<10	<10	22	<10	35
CC20819		0.02	<10	<10	40	<10	122

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC20820		0.34	0.4	1.51	23	<10	340	<0.5	<2	0.18	<0.5	8	17	31	3.69	<10
CC20821		0.08	1.3	1.22	20	<10	290	<0.5	<2	0.09	0.5	4	17	23	2.41	10
CC20822		0.24	0.2	0.94	17	<10	210	<0.5	<2	0.17	0.6	6	15	29	2.63	<10
CC20823		0.34	0.5	1.29	39	<10	310	<0.5	<2	0.18	0.8	17	19	51	3.57	<10
CC20824		0.34	0.5	1.23	20	<10	450	<0.5	<2	0.41	0.7	12	18	37	3.14	<10
CC20825		0.34	0.5	1.20	27	<10	330	<0.5	<2	0.32	1.6	9	20	34	3.05	<10
CC20826		0.26	0.9	1.09	45	<10	300	<0.5	<2	0.22	<0.5	12	17	44	3.56	<10
CC20827		0.16	0.6	1.31	21	<10	340	<0.5	<2	0.44	2.8	7	21	44	3.00	<10
CC20828		0.36	0.5	0.92	12	<10	80	<0.5	<2	0.06	<0.5	2	15	20	1.80	<10
CC20829		0.34	0.6	1.29	26	<10	360	<0.5	<2	0.32	<0.5	6	20	46	2.66	10
CC20830		0.28	0.2	1.51	24	<10	330	<0.5	<2	0.24	0.5	27	26	69	3.35	<10
CC20831		0.30	0.9	0.94	11	<10	110	<0.5	<2	0.06	<0.5	4	15	19	1.45	<10
CC20832		0.34	0.2	1.47	15	<10	250	<0.5	<2	0.17	<0.5	8	26	76	2.83	10
CC20833		0.28	0.4	1.40	26	<10	120	<0.5	<2	0.08	<0.5	10	23	44	3.13	<10
CC20834		0.24	0.3	1.21	23	<10	100	<0.5	2	0.06	<0.5	15	21	29	2.82	<10
CC20835		0.32	0.4	2.17	28	<10	130	0.6	<2	0.13	<0.5	14	30	36	3.73	10
CC20836		0.36	<0.2	1.25	43	<10	100	<0.5	2	0.07	<0.5	13	23	34	3.83	<10
CC20837		0.28	0.2	1.34	29	<10	110	<0.5	<2	0.04	<0.5	6	22	20	2.89	<10
CC20838		0.26	0.2	1.23	23	<10	90	<0.5	<2	0.10	<0.5	9	23	52	3.41	<10
CC20839		0.30	0.4	1.03	41	<10	110	<0.5	<2	0.15	<0.5	12	17	59	3.00	<10
CC20840		0.30	<0.2	1.27	40	<10	100	<0.5	<2	0.09	<0.5	10	22	54	3.31	<10
CC20841		0.24	0.2	1.39	27	<10	130	<0.5	2	0.08	<0.5	6	22	40	3.01	<10
CC20842		0.46	0.2	1.06	21	<10	50	<0.5	<2	0.07	<0.5	15	20	57	3.51	<10
CC20843		0.30	<0.2	1.48	28	<10	140	<0.5	3	0.10	<0.5	15	28	66	3.93	<10
CC20844		0.16	0.9	1.31	28	<10	120	<0.5	<2	0.04	<0.5	4	17	24	2.51	<10
CC20845		0.34	0.3	0.87	23	<10	70	<0.5	<2	0.04	<0.5	4	13	16	2.13	<10
CC20846		0.28	1.1	1.40	39	<10	270	0.5	<2	0.31	2.1	17	18	39	3.32	<10
CC20847		0.26	<0.2	1.66	24	<10	140	<0.5	<2	0.11	<0.5	12	29	16	6.35	10
CC20848		0.24	<0.2	0.96	13	<10	220	<0.5	<2	0.18	<0.5	5	12	9	2.08	10
CC20849		0.38	<0.2	1.19	36	<10	220	<0.5	<2	0.26	<0.5	11	20	22	3.64	<10
CC20850		0.28	0.7	1.44	58	<10	480	<0.5	<2	0.99	<0.5	27	18	41	4.59	10
CC20851		0.28	1.0	0.51	88	<10	90	<0.5	<2	0.01	<0.5	1	16	40	2.78	<10
CC20852		0.24	1.5	1.22	145	<10	70	<0.5	<2	0.02	<0.5	5	28	95	4.96	<10
CC20853		0.24	0.9	0.85	52	<10	60	<0.5	<2	0.21	<0.5	6	20	48	3.58	<10
CC20854		0.16	0.7	0.95	54	<10	50	<0.5	<2	0.29	<0.5	12	34	54	3.53	<10
CC20855		0.18	1.1	0.82	42	<10	70	<0.5	<2	0.05	<0.5	4	16	31	2.38	<10
CC20856		0.30	0.5	0.96	30	<10	80	<0.5	<2	0.07	<0.5	6	18	32	2.34	<10
CC20857		0.40	0.5	1.02	20	<10	90	<0.5	<2	0.12	<0.5	10	21	51	2.94	<10
CC20858		0.42	0.5	1.33	30	<10	150	<0.5	<2	0.14	0.9	16	25	69	3.84	<10
CC20859		0.26	0.9	0.99	28	<10	140	<0.5	2	0.11	<0.5	10	31	59	4.80	<10

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC20820		<1	0.05	20	0.43	344	1	0.01	24	1210	23	0.04	<2	3	16	<20
CC20821		<1	0.06	10	0.26	98	1	0.01	16	1410	23	0.09	<2	<1	11	<20
CC20822		<1	0.06	10	0.37	212	1	0.01	23	520	15	0.02	2	2	16	<20
CC20823		<1	0.04	10	0.33	482	3	0.02	32	1160	23	0.06	5	2	18	<20
CC20824		<1	0.05	10	0.39	389	1	0.02	34	1050	19	0.05	<2	2	25	<20
CC20825		<1	0.05	10	0.34	250	1	0.02	30	1140	19	0.07	<2	2	20	<20
CC20826		1	0.04	10	0.29	209	2	0.02	34	1170	25	0.05	4	2	27	<20
CC20827		2	0.04	10	0.38	164	2	0.02	47	910	19	0.06	2	2	22	<20
CC20828		1	0.04	10	0.15	59	1	0.02	10	740	13	0.08	<2	<1	7	<20
CC20829		1	0.04	10	0.35	170	2	0.02	22	950	16	0.06	2	1	20	<20
CC20830		<1	0.05	10	0.47	805	2	0.02	32	1130	17	0.05	<2	2	15	<20
CC20831		<1	0.03	10	0.19	78	<1	0.02	10	800	9	0.05	<2	<1	9	<20
CC20832		<1	0.04	20	0.47	218	1	0.02	25	1090	10	0.06	<2	1	13	<20
CC20833		1	0.04	20	0.37	288	1	0.02	21	770	17	0.04	<2	1	11	<20
CC20834		1	0.04	20	0.32	563	1	0.02	19	730	18	0.04	2	1	10	<20
CC20835		<1	0.06	20	0.54	533	1	0.02	28	1160	19	0.03	<2	3	15	<20
CC20836		1	0.05	20	0.35	489	2	0.02	26	820	24	0.03	3	2	12	<20
CC20837		<1	0.05	10	0.27	144	1	0.02	17	820	17	0.05	<2	<1	9	<20
CC20838		1	0.04	20	0.37	269	1	0.02	30	870	19	0.05	<2	1	11	<20
CC20839		1	0.03	20	0.33	399	2	0.02	29	1150	21	0.06	5	1	16	<20
CC20840		<1	0.04	10	0.35	302	2	0.02	28	820	24	0.05	3	2	12	<20
CC20841		<1	0.04	10	0.37	186	2	0.02	19	710	19	0.04	<2	1	13	<20
CC20842		<1	0.03	10	0.37	523	1	0.02	34	770	20	0.03	3	2	8	<20
CC20843		2	0.03	10	0.50	409	1	0.02	35	790	23	0.04	2	2	12	<20
CC20844		1	0.04	10	0.23	104	2	0.02	12	800	18	0.05	2	<1	9	<20
CC20845		<1	0.04	10	0.19	101	1	0.02	13	580	18	0.03	2	<1	10	<20
CC20846		<1	0.05	10	0.32	2120	2	0.02	35	1770	17	0.09	4	1	23	<20
CC20847		<1	0.05	10	0.35	566	2	0.02	21	750	25	0.06	<2	1	13	<20
CC20848		<1	0.04	10	0.22	170	1	0.01	10	590	14	0.04	<2	1	13	<20
CC20849		<1	0.04	20	0.33	455	1	0.02	24	680	17	0.03	2	2	17	<20
CC20850		<1	0.05	40	0.36	1085	2	0.02	47	1300	25	0.13	6	4	52	<20
CC20851		1	0.03	10	0.19	27	11	0.01	14	610	31	0.05	27	1	7	<20
CC20852		<1	0.03	10	0.44	95	12	0.02	28	1550	29	0.13	35	3	13	<20
CC20853		<1	0.03	10	0.25	197	4	0.02	21	1290	26	0.09	10	2	12	<20
CC20854		1	0.03	10	0.30	272	2	0.02	30	1620	32	0.09	14	3	10	<20
CC20855		<1	0.03	10	0.16	56	4	0.02	21	1420	10	0.11	10	<1	7	<20
CC20856		<1	0.03	10	0.18	142	1	0.02	22	780	14	0.04	5	2	7	<20
CC20857		<1	0.03	10	0.29	173	2	0.01	34	760	16	0.04	2	2	11	<20
CC20858		<1	0.04	10	0.33	276	3	0.02	56	900	20	0.06	<2	3	16	<20
CC20859		1	0.05	10	0.31	147	11	0.01	34	1140	57	0.09	2	1	14	<20

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

Project: MARG

Finalized Date: 29-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
CC20820		0.02	<10	<10	34	<10	126
CC20821		0.01	<10	<10	37	<10	54
CC20822		0.02	<10	<10	32	<10	111
CC20823		0.01	<10	<10	36	<10	152
CC20824		0.02	<10	<10	34	<10	191
CC20825		0.02	<10	<10	41	<10	176
CC20826		0.01	<10	<10	36	<10	207
CC20827		0.01	<10	<10	50	<10	258
CC20828		0.02	<10	<10	38	<10	40
CC20829		0.01	<10	<10	42	<10	101
CC20830		0.01	<10	<10	49	<10	156
CC20831		0.01	<10	<10	29	<10	38
CC20832		0.01	<10	<10	66	<10	68
CC20833		0.02	<10	<10	46	<10	84
CC20834		0.02	<10	<10	42	<10	72
CC20835		0.03	<10	<10	57	<10	108
CC20836		0.03	<10	<10	40	<10	127
CC20837		0.01	<10	<10	45	<10	71
CC20838		0.03	<10	<10	42	<10	93
CC20839		0.02	<10	<10	31	<10	107
CC20840		0.03	<10	<10	40	<10	104
CC20841		0.02	<10	<10	42	<10	81
CC20842		0.02	<10	<10	33	<10	100
CC20843		0.02	<10	<10	43	<10	96
CC20844		0.01	<10	<10	40	<10	56
CC20845		0.01	<10	<10	33	<10	64
CC20846		0.01	<10	<10	33	<10	214
CC20847		0.03	<10	<10	66	<10	89
CC20848		0.02	<10	<10	60	<10	44
CC20849		0.02	<10	<10	37	<10	95
CC20850		0.01	<10	<10	35	<10	98
CC20851		<0.01	<10	<10	29	<10	120
CC20852		<0.01	<10	<10	47	<10	184
CC20853		<0.01	<10	<10	28	<10	113
CC20854		<0.01	<10	<10	29	<10	54
CC20855		<0.01	<10	<10	30	<10	92
CC20856		<0.01	<10	<10	26	<10	68
CC20857		<0.01	<10	<10	32	<10	136
CC20858		<0.01	<10	<10	44	<10	215
CC20859		0.01	<10	<10	40	<10	145

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

Project: MARG

Finalized Date: 29-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
CC20860		0.44	2.5	1.19	31	<10	640	<0.5	<2	0.36	2.2	18	23	119	3.94	<10
CC20861		0.50	0.6	1.55	33	<10	60	<0.5	<2	0.13	1.7	29	26	117	4.57	<10
CC20862		0.28	0.4	0.91	16	<10	50	<0.5	<2	0.06	<0.5	8	19	30	2.91	<10
CC20863		0.30	0.4	1.15	13	<10	170	<0.5	<2	0.22	0.8	8	19	25	3.01	<10
CC20864		0.28	0.9	1.43	19	<10	240	<0.5	<2	0.29	<0.5	6	20	32	2.49	<10
CC20865		0.24	<0.2	1.38	20	<10	220	<0.5	<2	0.10	0.8	13	21	26	2.89	<10
CC20866		0.28	<0.2	0.92	21	<10	80	<0.5	<2	0.06	<0.5	5	15	15	2.24	<10
CC20867		0.28	0.2	0.92	21	<10	150	<0.5	<2	0.18	<0.5	5	16	14	2.12	<10
CC20868		0.20	<0.2	1.43	26	<10	190	<0.5	<2	0.25	<0.5	8	25	15	2.93	10
CC20869		0.14	0.2	0.90	22	<10	50	<0.5	2	0.08	<0.5	11	15	29	2.67	<10
CC20870		0.28	0.2	0.65	7	<10	50	<0.5	<2	0.05	<0.5	5	12	12	1.99	10
CC20871		0.20	<0.2	0.94	10	<10	70	<0.5	<2	0.04	<0.5	4	21	14	3.24	10
CC20872		0.28	<0.2	1.06	36	<10	90	<0.5	<2	0.13	<0.5	8	22	48	3.41	<10
CC20873		0.26	1.0	1.59	35	<10	150	<0.5	2	0.09	<0.5	6	26	49	3.45	<10
CC20874		0.26	0.5	1.28	35	<10	190	<0.5	<2	0.12	<0.5	7	22	41	3.44	<10
CC20875		0.28	0.5	1.19	33	<10	100	<0.5	<2	0.11	<0.5	7	22	49	3.30	<10
CC20876		0.20	<0.2	0.88	28	<10	60	<0.5	<2	0.09	<0.5	6	18	48	2.99	<10
CC20877		0.28	<0.2	1.61	34	<10	190	<0.5	<2	0.12	<0.5	16	27	130	4.09	<10
CC20878		0.22	<0.2	1.28	26	<10	110	<0.5	<2	0.06	<0.5	7	22	36	3.14	<10
CC20879		0.32	<0.2	1.26	30	<10	110	<0.5	<2	0.11	<0.5	7	21	43	3.13	<10
CC20880		0.28	1.0	1.77	29	<10	270	<0.5	2	0.25	<0.5	22	25	82	4.04	10
CC20881		0.22	0.6	1.48	17	<10	310	<0.5	<2	0.31	<0.5	11	22	63	3.20	<10
CC20882		0.20	0.2	1.19	12	<10	180	<0.5	<2	0.12	<0.5	6	20	32	2.55	<10
CC20883		0.22	<0.2	1.27	23	<10	250	<0.5	<2	0.35	<0.5	6	20	35	2.83	<10
CC20884		0.22	0.7	1.35	19	<10	300	<0.5	<2	0.28	0.6	8	21	51	2.95	<10
CC20885		0.20	0.3	0.97	14	<10	240	<0.5	<2	0.19	<0.5	9	15	38	2.43	<10
CC20886		0.26	<0.2	0.75	17	<10	80	<0.5	<2	0.07	<0.5	4	10	18	2.21	<10
CC20887		0.30	0.6	1.11	12	<10	320	<0.5	<2	0.13	<0.5	3	16	20	2.44	<10
CC20888		0.32	0.5	1.00	14	<10	270	<0.5	<2	0.24	<0.5	4	15	19	2.30	<10
CC20889		0.18	0.6	1.34	13	<10	500	<0.5	<2	0.30	0.7	13	19	33	3.13	<10
CC20890		0.32	0.4	1.20	18	<10	440	<0.5	<2	0.45	1.0	9	15	25	2.80	<10
CC20891		0.30	0.6	1.09	16	<10	290	<0.5	<2	0.43	1.5	10	14	33	2.79	<10
CC20892		0.46	<0.2	1.16	13	<10	200	<0.5	<2	0.19	<0.5	8	17	27	2.70	<10
CC20893		0.22	0.9	1.37	24	<10	230	<0.5	<2	0.34	1.9	9	21	70	3.14	<10
CC20894		0.44	0.5	1.33	25	<10	190	<0.5	<2	0.31	0.7	12	21	65	3.42	<10
CC20895		0.26	0.5	1.62	15	<10	340	<0.5	<2	0.57	4.0	22	23	97	3.46	10
CC20896		0.42	0.3	1.30	13	<10	230	<0.5	<2	0.32	0.5	14	21	45	2.88	<10
CC20897		0.16	1.2	1.49	23	<10	300	<0.5	<2	0.31	0.6	11	22	75	3.26	<10
CC20898		0.22	0.5	1.18	13	<10	160	<0.5	<2	0.14	<0.5	9	21	47	2.84	<10
CC20899		0.24	<0.2	1.19	29	<10	90	<0.5	<2	0.08	<0.5	7	19	46	3.29	<10

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

Project: MARG

Finalized Date: 29-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC20860		1	0.03	30	0.34	379	9	0.01	67	2330	24	0.04	4	3	22	<20
CC20861		1	0.03	50	0.40	505	2	0.01	77	1420	26	0.03	2	5	13	<20
CC20862		1	0.03	20	0.19	211	1	0.01	25	1010	16	0.05	<2	1	9	<20
CC20863		1	0.03	10	0.37	203	1	<0.01	27	850	12	0.02	<2	2	15	<20
CC20864		1	0.05	10	0.33	261	1	0.01	18	1330	18	0.08	<2	1	16	<20
CC20865		1	0.05	10	0.27	697	1	<0.01	19	1170	15	0.04	<2	1	10	<20
CC20866		<1	0.03	10	0.20	183	1	<0.01	12	470	19	0.02	<2	1	6	<20
CC20867		1	0.02	10	0.25	111	<1	<0.01	15	680	8	0.02	<2	1	7	<20
CC20868		<1	0.06	10	0.35	327	1	0.01	20	1060	14	0.04	<2	1	13	<20
CC20869		2	0.02	10	0.24	279	<1	<0.01	29	630	12	<0.01	<2	2	5	<20
CC20870		1	0.04	10	0.08	174	1	<0.01	9	820	8	0.02	<2	<1	6	<20
CC20871		<1	0.05	10	0.13	195	1	<0.01	12	620	13	0.03	<2	<1	7	<20
CC20872		<1	0.04	20	0.38	206	1	<0.01	28	910	17	0.01	4	3	12	<20
CC20873		1	0.04	20	0.47	154	2	<0.01	28	1100	28	0.04	<2	2	10	<20
CC20874		<1	0.05	10	0.41	168	2	<0.01	26	900	17	0.02	3	2	11	<20
CC20875		<1	0.05	10	0.37	171	3	<0.01	28	950	15	0.01	4	2	12	<20
CC20876		2	0.04	20	0.27	178	2	<0.01	24	760	13	0.02	4	1	9	<20
CC20877		<1	0.06	10	0.42	585	3	<0.01	39	930	17	0.02	<2	2	11	<20
CC20878		2	0.04	10	0.33	214	1	<0.01	20	740	18	0.02	3	1	9	<20
CC20879		<1	0.04	20	0.35	247	1	<0.01	23	810	18	0.02	2	1	12	<20
CC20880		<1	0.05	20	0.44	698	4	0.01	34	1230	25	0.05	<2	2	16	<20
CC20881		1	0.05	10	0.41	381	2	<0.01	35	1240	15	0.05	<2	2	19	<20
CC20882		<1	0.04	10	0.33	167	1	<0.01	19	810	14	0.04	<2	1	13	<20
CC20883		<1	0.05	10	0.37	232	1	<0.01	24	970	14	0.04	<2	2	19	<20
CC20884		<1	0.05	10	0.38	225	2	<0.01	27	1170	15	0.05	<2	2	18	<20
CC20885		<1	0.05	10	0.30	294	1	<0.01	25	910	17	0.01	<2	2	15	<20
CC20886		<1	0.05	10	0.20	106	1	<0.01	14	610	13	0.01	<2	1	7	<20
CC20887		<1	0.06	10	0.26	164	1	<0.01	16	1130	16	0.05	<2	2	12	<20
CC20888		<1	0.05	20	0.31	184	1	<0.01	19	900	12	0.01	2	2	18	<20
CC20889		<1	0.06	20	0.37	1220	1	<0.01	28	1070	19	0.03	2	3	22	<20
CC20890		1	0.05	10	0.39	335	1	<0.01	27	1010	16	0.04	<2	2	30	<20
CC20891		<1	0.06	20	0.35	345	1	<0.01	33	970	21	0.04	<2	2	28	<20
CC20892		<1	0.05	20	0.38	408	1	<0.01	24	840	14	<0.01	<2	2	15	<20
CC20893		1	0.05	20	0.40	214	2	0.01	49	1040	22	0.05	3	2	23	<20
CC20894		<1	0.04	20	0.40	293	3	<0.01	41	990	21	0.03	<2	2	20	<20
CC20895		<1	0.05	20	0.45	501	2	0.01	61	1140	22	0.06	2	2	29	<20
CC20896		<1	0.04	10	0.41	424	1	<0.01	28	1060	17	0.04	<2	2	18	<20
CC20897		<1	0.04	20	0.39	350	2	<0.01	30	1350	17	0.07	<2	2	17	<20
CC20898		1	0.04	10	0.34	301	2	<0.01	22	1040	16	0.04	<2	1	11	<20
CC20899		<1	0.04	20	0.35	259	2	<0.01	22	870	18	0.03	3	1	10	<20

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

Project: MARG

Finalized Date: 29-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC20860		0.01	<10	<10	44	<10	361
CC20861		0.01	<10	<10	43	<10	243
CC20862		0.01	<10	<10	31	<10	73
CC20863		0.01	<10	<10	35	<10	196
CC20864		0.02	<10	<10	42	<10	118
CC20865		0.02	<10	<10	52	<10	106
CC20866		0.02	<10	<10	40	<10	54
CC20867		0.01	<10	<10	36	<10	43
CC20868		0.02	<10	<10	51	<10	88
CC20869		0.02	<10	<10	26	<10	72
CC20870		0.01	<10	<10	52	<10	39
CC20871		0.03	<10	<10	65	<10	54
CC20872		0.03	<10	<10	37	<10	108
CC20873		0.01	<10	<10	44	<10	73
CC20874		0.02	<10	<10	40	<10	94
CC20875		0.02	<10	<10	37	<10	116
CC20876		0.02	<10	<10	34	<10	99
CC20877		0.02	<10	<10	49	<10	174
CC20878		0.02	<10	<10	45	<10	85
CC20879		0.02	<10	<10	41	<10	97
CC20880		0.02	<10	<10	50	<10	209
CC20881		0.02	<10	<10	44	<10	205
CC20882		0.02	<10	<10	41	<10	100
CC20883		0.02	<10	<10	42	<10	139
CC20884		0.01	<10	<10	42	<10	164
CC20885		0.02	<10	<10	29	<10	110
CC20886		0.01	<10	<10	22	<10	79
CC20887		0.01	<10	<10	31	<10	62
CC20888		0.02	<10	<10	30	<10	88
CC20889		0.02	<10	<10	37	<10	144
CC20890		0.01	<10	<10	30	<10	153
CC20891		0.02	<10	<10	28	<10	159
CC20892		0.02	<10	<10	32	<10	116
CC20893		0.01	<10	<10	39	<10	233
CC20894		0.02	<10	<10	40	<10	205
CC20895		0.02	<10	<10	42	<10	309
CC20896		0.02	<10	<10	39	<10	184
CC20897		0.02	<10	<10	41	<10	195
CC20898		0.02	<10	<10	43	<10	108
CC20899		0.02	<10	<10	38	<10	107

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
CC20900		0.24	<0.2	1.25	28	<10	90	<0.5	<2	0.06	<0.5	7	23	33	3.00	<10
CC20901		0.24	0.8	1.69	20	<10	430	0.6	<2	0.36	<0.5	15	22	40	3.91	<10
CC20902		0.26	<0.2	1.31	8	<10	260	<0.5	<2	0.18	<0.5	12	17	22	2.65	<10
CC20903		0.30	0.2	1.11	25	<10	70	<0.5	<2	0.07	<0.5	14	25	49	3.98	<10
CC20904		0.34	<0.2	1.08	8	<10	60	<0.5	<2	0.08	<0.5	17	18	150	4.19	<10
CC20905		0.44	0.4	0.94	12	<10	80	<0.5	<2	0.06	0.5	16	20	117	4.32	<10
CC20906		0.24	<0.2	1.40	19	<10	100	<0.5	<2	0.06	<0.5	7	24	38	3.12	<10
CC20907		0.26	<0.2	1.49	29	<10	110	<0.5	<2	0.12	<0.5	11	24	82	3.26	<10
CC20908		0.28	0.5	1.51	25	<10	250	<0.5	<2	0.15	<0.5	7	23	32	2.84	<10
CC20909		0.30	<0.2	1.48	22	<10	90	<0.5	<2	0.04	<0.5	4	18	13	2.99	10
CC20910		0.28	<0.2	1.62	11	<10	70	<0.5	<2	0.05	<0.5	4	24	15	3.23	10
CC20911		0.30	<0.2	2.00	28	<10	120	<0.5	<2	0.06	<0.5	9	30	28	4.20	10
CC20912		0.32	0.3	1.15	92	<10	150	<0.5	<2	0.16	1.6	23	21	73	4.82	<10
CC20913		0.30	0.5	1.17	83	<10	140	<0.5	<2	0.18	0.9	41	36	70	6.66	<10
CC20914		0.28	0.2	1.61	38	<10	140	<0.5	<2	0.40	6.2	26	49	60	5.54	<10
CC20915		0.24	<0.2	1.51	57	<10	130	<0.5	<2	0.11	<0.5	15	33	37	4.94	10
CC20916		0.30	<0.2	1.16	27	<10	230	<0.5	<2	0.13	0.5	13	16	32	4.15	<10
CC20917		0.28	0.3	1.28	32	<10	100	<0.5	<2	0.07	<0.5	12	19	33	3.40	<10
CC20918		0.32	0.2	1.28	21	<10	110	<0.5	<2	0.13	<0.5	7	20	36	3.21	<10
CC20919		0.26	0.2	1.28	20	<10	300	<0.5	<2	0.24	0.6	7	15	18	2.80	<10
CC20920		0.26	<0.2	1.15	25	<10	250	<0.5	<2	0.38	<0.5	7	16	22	2.73	<10
CC20921		0.42	<0.2	1.43	29	<10	150	<0.5	<2	0.25	0.5	11	20	37	3.67	<10
CC20922		0.26	0.2	1.13	37	<10	130	<0.5	<2	0.35	1.7	42	15	35	7.92	<10
CC20923		0.28	0.2	1.21	18	<10	90	<0.5	<2	0.03	<0.5	9	18	22	3.12	10
CC20924		0.26	0.2	1.05	17	<10	140	<0.5	<2	0.06	<0.5	3	9	9	1.58	<10
CC20925		0.26	<0.2	1.50	49	<10	90	<0.5	<2	0.08	0.5	13	23	35	4.25	10
CC20926		0.28	0.2	0.94	44	<10	60	<0.5	<2	0.03	<0.5	9	19	33	4.69	10
CC20927		0.32	0.3	1.50	22	<10	100	<0.5	<2	0.05	<0.5	3	25	12	3.63	10
CC20928		0.32	0.4	1.04	54	<10	90	<0.5	<2	0.04	<0.5	8	20	41	5.60	<10
CC20929		0.28	0.2	1.36	22	<10	70	<0.5	<2	0.06	<0.5	4	20	20	2.57	<10
CC20930		0.42	0.2	1.24	29	<10	80	<0.5	<2	0.10	<0.5	7	23	49	3.28	<10
CC20931		0.26	0.3	1.04	45	<10	110	<0.5	<2	0.05	<0.5	7	18	34	2.98	10
CC20932		0.34	0.2	2.05	46	<10	170	<0.5	2	0.10	<0.5	9	32	71	4.61	10
CC20933		0.36	<0.2	1.24	28	<10	70	<0.5	<2	0.14	<0.5	12	36	208	3.35	<10
CC20934		0.50	<0.2	1.20	23	<10	70	<0.5	<2	0.11	<0.5	15	24	62	3.95	<10
CC20935		0.30	<0.2	1.00	44	<10	50	0.5	<2	0.24	<0.5	18	12	62	4.53	<10
CC20936		0.44	<0.2	0.96	24	<10	60	<0.5	<2	0.13	<0.5	13	10	34	3.83	<10
CC20937		0.36	0.4	0.65	72	<10	130	<0.5	<2	0.15	0.9	5	7	27	3.27	<10
CC20938		0.30	0.3	1.15	45	<10	60	<0.5	<2	0.15	<0.5	9	19	55	3.09	<10
CC20939		0.32	0.5	0.92	125	<10	40	<0.5	<2	0.11	<0.5	16	19	56	3.41	<10

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

Project: MARG

Finalized Date: 29-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC20900		1	0.04	10	0.34	233	1	<0.01	20	730	18	0.03	<2	1	10	<20
CC20901		1	0.05	10	0.41	354	1	<0.01	57	1220	20	0.06	4	2	18	<20
CC20902		<1	0.04	10	0.34	227	<1	<0.01	36	720	14	0.02	<2	2	12	<20
CC20903		<1	0.06	10	0.33	651	1	0.01	28	1040	22	0.09	3	2	16	<20
CC20904		1	0.04	10	0.39	518	3	<0.01	41	820	23	0.05	2	2	15	<20
CC20905		<1	0.04	30	0.33	269	8	0.01	38	830	27	0.14	<2	2	18	<20
CC20906		<1	0.04	10	0.38	223	3	0.01	26	790	24	0.06	<2	1	11	<20
CC20907		<1	0.04	10	0.41	386	2	<0.01	23	1110	21	0.04	2	1	14	<20
CC20908		1	0.04	10	0.38	460	2	0.01	24	690	15	0.04	<2	1	14	<20
CC20909		<1	0.03	10	0.23	162	2	<0.01	13	300	17	0.02	<2	2	6	<20
CC20910		<1	0.03	10	0.23	165	3	<0.01	10	330	18	0.03	2	2	8	<20
CC20911		<1	0.04	10	0.37	280	3	0.01	28	610	20	0.04	<2	2	13	<20
CC20912		<1	0.03	10	0.35	569	2	0.01	90	990	22	0.04	14	4	15	<20
CC20913		1	0.01	10	0.56	1710	7	<0.01	112	1120	51	0.03	8	3	10	<20
CC20914		<1	0.03	10	0.76	1150	5	0.01	143	1370	27	0.06	6	3	40	<20
CC20915		<1	0.03	10	0.55	443	4	<0.01	34	980	25	0.03	2	3	17	<20
CC20916		<1	0.03	20	0.31	316	3	<0.01	23	810	26	0.03	4	2	14	<20
CC20917		<1	0.03	10	0.32	463	1	<0.01	26	500	30	0.02	2	2	9	<20
CC20918		<1	0.04	10	0.39	286	2	<0.01	25	710	18	0.02	<2	2	14	<20
CC20919		<1	0.04	10	0.30	380	1	0.01	18	930	20	0.06	<2	2	18	<20
CC20920		<1	0.04	10	0.33	337	1	0.01	19	890	16	0.04	<2	2	27	<20
CC20921		1	0.05	10	0.42	464	2	0.01	31	1080	21	0.02	<2	3	20	<20
CC20922		1	0.04	10	0.28	1360	3	0.01	119	1020	24	0.05	2	2	27	<20
CC20923		<1	0.03	10	0.27	370	2	<0.01	21	660	18	0.03	<2	2	5	<20
CC20924		<1	0.02	20	0.08	114	2	<0.01	10	500	17	0.02	<2	1	5	<20
CC20925		<1	0.03	10	0.38	334	2	<0.01	31	990	16	0.04	4	1	9	<20
CC20926		<1	0.03	10	0.22	245	4	<0.01	25	840	22	0.05	3	1	6	<20
CC20927		1	0.03	10	0.26	151	6	0.01	11	610	20	0.05	4	1	28	<20
CC20928		<1	0.04	10	0.23	234	4	<0.01	24	1040	29	0.06	7	1	13	<20
CC20929		<1	0.03	10	0.28	165	1	<0.01	16	620	17	0.03	<2	1	9	<20
CC20930		1	0.04	10	0.34	254	2	0.01	24	1020	15	0.04	<2	1	14	<20
CC20931		1	0.04	10	0.22	125	6	0.01	18	730	36	0.03	6	1	11	<20
CC20932		1	0.06	10	0.46	378	4	0.01	27	700	32	0.03	6	2	15	<20
CC20933		1	0.03	10	0.51	272	4	0.01	33	930	19	0.05	2	1	13	<20
CC20934		<1	0.02	20	0.46	492	2	0.01	44	790	19	0.01	4	3	9	<20
CC20935		<1	0.04	10	0.36	648	1	0.01	29	420	31	0.02	<2	2	16	<20
CC20936		<1	0.03	20	0.36	501	1	0.01	28	440	25	<0.01	<2	2	10	<20
CC20937		<1	0.07	20	0.24	238	4	0.01	16	1150	59	0.06	8	1	17	<20
CC20938		1	0.02	10	0.42	218	2	0.01	24	1200	19	0.04	9	2	8	<20
CC20939		<1	0.02	10	0.19	241	2	0.01	41	1100	19	0.04	12	2	7	<20

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

Project: MARG

Finalized Date: 29-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC20900		0.02	<10	<10	45	<10	77
CC20901		0.01	<10	<10	43	<10	198
CC20902		0.01	<10	<10	34	<10	193
CC20903		0.03	<10	<10	40	<10	89
CC20904		0.03	<10	<10	22	<10	90
CC20905		0.06	<10	<10	31	<10	120
CC20906		0.03	<10	<10	42	<10	101
CC20907		0.03	<10	<10	43	<10	105
CC20908		0.02	<10	<10	41	<10	85
CC20909		0.03	<10	<10	44	<10	57
CC20910		0.05	<10	<10	66	<10	55
CC20911		0.03	<10	<10	52	<10	109
CC20912		0.03	<10	<10	33	<10	271
CC20913		0.01	<10	<10	32	<10	304
CC20914		0.02	<10	<10	55	<10	447
CC20915		0.02	<10	<10	46	<10	171
CC20916		0.02	<10	<10	29	<10	144
CC20917		0.02	<10	<10	31	<10	107
CC20918		0.02	<10	<10	33	<10	112
CC20919		0.01	<10	<10	28	<10	98
CC20920		0.02	<10	<10	28	<10	92
CC20921		0.03	<10	<10	33	<10	145
CC20922		0.02	<10	<10	26	<10	354
CC20923		0.01	<10	<10	28	<10	96
CC20924		0.01	<10	<10	19	<10	49
CC20925		0.02	<10	<10	48	<10	142
CC20926		0.02	<10	<10	52	<10	110
CC20927		0.03	<10	<10	56	<10	50
CC20928		0.03	<10	<10	34	<10	109
CC20929		0.03	<10	<10	36	<10	74
CC20930		0.03	<10	<10	46	<10	85
CC20931		0.02	<10	<10	42	<10	77
CC20932		0.04	<10	<10	58	<10	100
CC20933		0.04	<10	<10	42	<10	98
CC20934		0.02	<10	<10	36	<10	114
CC20935		0.01	<10	<10	11	<10	86
CC20936		0.01	<10	<10	13	<10	88
CC20937		0.01	<10	<10	14	<10	173
CC20938		<0.01	<10	<10	33	<10	58
CC20939		<0.01	<10	<10	23	<10	74

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

Project: MARG

Finalized D...e: 29-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077539

Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Sample Description Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC20940	0.32	0.5	1.13	67	<10	40	<0.5	<2	0.13	<0.5	17	22	73	3.63	<10
CC20941	0.44	0.7	1.49	40	<10	80	<0.5	<2	0.24	0.5	32	23	127	5.05	<10
CC20951	0.28	0.4	0.57	41	<10	1030	<0.5	<2	0.02	<0.5	2	5	15	4.17	<10
CC20952	0.20	0.3	1.16	58	<10	340	<0.5	<2	0.29	5.3	18	13	69	5.62	<10
CC20953	0.20	<0.2	1.17	73	<10	210	<0.5	<2	0.26	3.5	24	17	63	4.85	<10
CC20954	0.14	0.3	1.65	46	<10	280	<0.5	<2	0.29	1.6	16	27	114	4.68	<10
CC20955	0.28	0.5	1.52	46	<10	270	<0.5	<2	0.43	3.6	19	29	128	4.65	<10
CC20956	0.04	0.4	1.34	52	<10	270	<0.5	<2	0.35	5.7	24	23	78	4.79	<10
CC20957	0.04	0.2	1.33	115	<10	430	0.5	<2	0.44	<0.5	7	12	18	4.62	<10
CC29001	0.24	<0.2	1.32	27	<10	130	<0.5	<2	0.05	<0.5	7	27	66	3.38	<10
CC29002	0.18	0.2	1.19	29	<10	120	<0.5	<2	0.06	<0.5	7	21	27	2.97	<10
CC29003	0.22	0.3	1.40	28	<10	110	<0.5	<2	0.05	<0.5	7	26	39	3.54	10
CC29004	0.14	0.4	1.11	18	<10	200	<0.5	<2	0.10	<0.5	6	19	26	2.18	<10
CC29005	0.18	0.2	1.11	22	<10	80	<0.5	<2	0.04	<0.5	3	17	20	2.25	10
CC29016	0.38	<0.2	1.30	17	<10	170	<0.5	<2	0.22	<0.5	7	17	15	3.13	10
CC29017	0.52	<0.2	0.85	27	<10	150	<0.5	<2	0.10	<0.5	6	11	15	2.97	<10
CC29018	0.28	<0.2	1.25	26	<10	240	<0.5	<2	0.20	<0.5	4	18	16	2.56	10
CC29019	0.46	<0.2	1.12	25	<10	200	<0.5	<2	0.17	0.5	10	16	22	2.78	<10
CC29020	0.40	<0.2	1.26	11	<10	190	<0.5	<2	0.12	<0.5	4	18	20	2.42	<10
CC29021	0.42	<0.2	0.91	16	<10	260	<0.5	<2	0.27	<0.5	5	10	8	1.94	<10
CC29022	0.38	<0.2	0.82	20	<10	240	<0.5	<2	0.29	<0.5	11	8	12	2.96	<10
CC29023	0.34	0.4	0.80	19	<10	160	<0.5	<2	0.46	<0.5	9	12	16	2.76	<10
CC29024	0.26	0.2	1.39	32	<10	360	<0.5	<2	0.68	1.1	21	19	39	4.15	10
CC29025	0.50	<0.2	1.12	23	<10	130	<0.5	<2	0.27	0.5	11	15	17	3.40	<10
CC29026	0.28	<0.2	0.68	19	<10	130	<0.5	<2	0.13	<0.5	3	12	16	2.83	10
CC29027	0.34	<0.2	1.49	30	<10	200	<0.5	<2	0.16	0.7	13	26	65	3.76	<10
CC29028	0.40	<0.2	1.58	25	<10	160	<0.5	<2	0.06	<0.5	6	24	42	3.14	<10
CC29029	0.40	<0.2	1.52	31	<10	140	<0.5	<2	0.11	<0.5	10	27	59	3.81	<10
CC29030	0.34	<0.2	1.01	21	<10	60	<0.5	<2	0.04	0.5	8	20	37	3.00	<10
CC29031	0.30	0.3	1.38	27	<10	160	<0.5	2	0.08	<0.5	6	23	24	2.97	10
CC29032	0.32	<0.2	1.27	33	<10	120	<0.5	<2	0.08	0.7	11	22	44	3.25	<10
CC29033	0.34	<0.2	1.38	30	<10	110	<0.5	<2	0.11	<0.5	8	24	61	3.24	<10
CC29034	0.54	<0.2	1.53	32	<10	130	<0.5	<2	0.06	<0.5	6	24	43	3.41	10
CC29035	0.32	0.5	1.38	24	<10	90	<0.5	<2	0.06	<0.5	6	27	60	3.48	<10
CC29036	0.60	<0.2	1.55	19	<10	70	<0.5	<2	0.12	<0.5	12	29	112	3.87	<10
CC29037	0.14	<0.2	0.87	71	<10	130	<0.5	<2	0.65	<0.5	10	7	35	3.60	<10
CC29038	0.20	<0.2	0.77	121	<10	50	<0.5	<2	0.17	<0.5	11	6	32	3.66	<10
CC29039	0.14	<0.2	1.32	16	<10	100	<0.5	<2	0.38	<0.5	9	7	22	4.07	<10
CC29040	0.50	<0.2	0.58	67	<10	120	<0.5	<2	0.12	0.8	5	7	25	3.21	<10
CC29041	0.40	0.7	1.22	40	<10	110	<0.5	<2	0.13	<0.5	9	25	66	4.42	<10

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC20940		<1	0.02	10	0.25	254	3	0.01	39	1230	27	0.06	14	2	10	<20
CC20941		<1	0.02	10	0.59	586	2	0.01	73	1190	30	0.04	9	4	10	<20
CC20951		1	0.03	20	0.19	88	7	0.01	8	960	40	0.12	8	1	36	<20
CC20952		1	0.06	20	0.37	591	5	0.01	34	1190	95	0.06	7	3	22	<20
CC20953		<1	0.05	10	0.39	815	4	0.01	47	1110	23	0.04	8	3	16	<20
CC20954		1	0.04	20	0.58	408	3	0.01	52	1220	44	0.05	5	3	16	<20
CC20955		1	0.06	20	0.53	499	3	0.01	72	1340	53	0.05	7	3	23	<20
CC20956		1	0.04	10	0.44	739	3	0.01	68	1370	56	0.04	7	3	28	<20
CC20957		1	0.09	10	0.32	449	2	0.01	16	950	36	0.05	3	3	37	<20
CC29001		1	0.04	10	0.39	249	3	0.01	21	750	20	0.02	3	1	8	<20
CC29002		1	0.04	10	0.30	230	2	0.01	18	640	18	0.02	4	1	10	<20
CC29003		1	0.04	10	0.41	229	2	0.01	20	740	16	0.04	4	1	9	<20
CC29004		1	0.03	10	0.30	143	1	0.01	14	740	13	0.03	2	1	12	<20
CC29005		<1	0.04	10	0.16	115	2	0.01	10	700	13	0.04	<2	<1	7	<20
CC29016		1	0.04	10	0.36	337	1	0.01	16	870	19	0.03	<2	1	15	<20
CC29017		1	0.09	10	0.18	259	1	0.01	11	870	17	0.07	<2	1	19	<20
CC29018		<1	0.05	10	0.31	196	2	0.01	14	760	16	0.04	<2	1	14	<20
CC29019		<1	0.05	10	0.33	509	2	0.01	20	650	19	0.01	2	2	13	<20
CC29020		<1	0.05	10	0.27	171	2	0.01	14	720	13	0.02	<2	1	11	<20
CC29021		1	0.04	10	0.29	239	1	0.01	7	740	12	0.02	<2	2	15	<20
CC29022		<1	0.09	10	0.25	487	1	0.01	9	1050	20	0.02	<2	2	20	<20
CC29023		<1	0.03	10	0.26	306	1	0.01	16	1060	18	0.03	2	2	24	<20
CC29024		1	0.03	10	0.35	465	3	0.01	44	1050	23	0.07	4	3	39	<20
CC29025		1	0.04	10	0.40	386	2	0.01	19	670	14	0.02	4	2	16	<20
CC29026		1	0.04	10	0.09	84	2	0.01	9	670	17	0.03	<2	<1	10	<20
CC29027		<1	0.04	10	0.47	494	2	0.01	32	990	27	0.03	4	2	14	<20
CC29028		1	0.04	10	0.40	224	3	0.01	19	770	22	0.02	3	1	11	<20
CC29029		1	0.04	10	0.46	332	2	0.01	29	740	23	0.03	3	2	11	<20
CC29030		<1	0.02	10	0.35	203	2	0.01	27	640	16	0.02	2	1	7	<20
CC29031		<1	0.05	10	0.33	241	2	0.01	16	790	16	0.05	3	1	10	<20
CC29032		<1	0.04	10	0.37	340	2	0.01	23	750	25	0.03	3	1	11	<20
CC29033		<1	0.03	20	0.39	228	2	0.01	28	840	35	0.03	4	1	11	<20
CC29034		1	0.04	20	0.35	224	2	0.01	19	830	23	0.03	2	1	11	<20
CC29035		<1	0.03	20	0.42	171	2	0.01	21	790	15	0.04	3	1	10	<20
CC29036		1	0.03	20	0.53	362	2	0.01	31	900	11	0.02	2	2	11	<20
CC29037		1	0.05	10	0.31	508	1	0.01	17	740	37	0.05	<2	2	33	<20
CC29038		<1	0.03	20	0.33	501	1	0.01	19	630	28	0.02	2	2	10	<20
CC29039		1	0.06	20	0.60	453	1	0.01	14	850	36	0.03	<2	3	22	<20
CC29040		<1	0.07	20	0.20	219	4	0.01	17	1150	57	0.07	9	1	15	<20
CC29041		1	0.03	10	0.40	142	6	0.01	34	1020	29	0.04	9	2	9	<20

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC20940		<0.01	<10	<10	29	<10	73
CC20941		0.01	<10	<10	39	<10	131
CC20951		0.01	<10	<10	14	<10	91
CC20952		0.01	<10	<10	25	<10	471
CC20953		0.01	<10	<10	43	<10	360
CC20954		0.01	<10	<10	53	<10	262
CC20955		0.02	<10	<10	40	<10	453
CC20956		0.02	<10	<10	34	<10	361
CC20957		0.01	<10	<10	22	<10	108
CC29001		0.02	<10	<10	47	<10	85
CC29002		0.02	<10	<10	44	<10	70
CC29003		0.02	<10	<10	56	<10	71
CC29004		0.01	<10	<10	45	<10	55
CC29005		0.02	<10	<10	51	<10	45
CC29016		0.02	<10	<10	33	<10	84
CC29017		0.01	<10	<10	22	<10	54
CC29018		0.02	<10	<10	36	<10	55
CC29019		0.02	<10	<10	30	<10	98
CC29020		0.01	<10	<10	36	<10	59
CC29021		0.01	<10	<10	20	<10	51
CC29022		0.01	<10	<10	15	<10	61
CC29023		0.01	<10	<10	21	<10	86
CC29024		0.01	<10	<10	40	<10	150
CC29025		0.02	<10	<10	41	<10	102
CC29026		0.02	<10	<10	56	<10	56
CC29027		0.02	<10	<10	42	<10	127
CC29028		0.02	<10	<10	45	<10	79
CC29029		0.02	<10	<10	44	<10	84
CC29030		0.02	<10	<10	33	<10	79
CC29031		0.02	<10	<10	46	<10	75
CC29032		0.02	<10	<10	41	<10	94
CC29033		0.02	<10	<10	40	<10	88
CC29034		0.02	<10	<10	48	<10	78
CC29035		0.02	<10	<10	46	<10	68
CC29036		0.05	<10	<10	52	<10	91
CC29037		0.01	<10	<10	10	<10	86
CC29038		0.01	<10	<10	9	<10	86
CC29039		0.01	<10	<10	13	<10	95
CC29040		0.01	<10	<10	14	<10	173
CC29041		<0.01	<10	<10	40	<10	162

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC29042		0.40	0.5	1.21	70	<10	60	<0.5	<2	0.15	<0.5	16	23	69	4.70	<10
CC29043		0.40	0.4	1.14	44	<10	50	<0.5	<2	0.16	<0.5	14	21	70	4.13	<10
CC29044		0.40	0.5	1.17	53	<10	50	<0.5	<2	0.12	<0.5	11	20	59	3.45	<10
CC29045		0.56	0.7	1.38	79	<10	50	<0.5	<2	0.13	<0.5	16	23	89	4.93	<10
CC29046		0.34	0.7	1.24	45	<10	40	<0.5	<2	0.05	0.7	18	26	108	5.87	<10
CC29047		0.32	1.3	0.62	1440	<10	100	<0.5	<2	0.51	0.5	13	5	43	4.23	<10
CC29048		0.28	0.3	0.74	45	<10	130	<0.5	<2	0.20	<0.5	6	3	18	3.60	<10
CC29049		0.38	0.6	0.41	203	<10	160	<0.5	<2	0.18	0.5	3	1	12	2.93	<10
CC29050		0.34	0.7	0.64	83	<10	370	<0.5	<2	0.07	0.6	3	5	29	3.32	<10
CC29054		0.22	0.5	1.21	71	<10	50	<0.5	<2	0.09	<0.5	11	23	68	4.80	<10
CC29055		0.20	0.6	1.34	53	<10	50	<0.5	<2	0.13	<0.5	15	24	75	3.68	<10
CC29056		0.28	0.2	2.17	26	<10	60	<0.5	<2	0.24	<0.5	25	74	386	5.47	<10
CC29057		0.20	<0.2	1.06	15	<10	110	<0.5	<2	0.34	<0.5	12	23	60	3.02	<10
CC29058		0.24	0.2	1.70	29	<10	110	<0.5	<2	0.20	<0.5	20	44	152	4.74	<10
CC29059		0.24	0.7	1.56	61	<10	200	<0.5	3	0.25	<0.5	15	28	112	3.89	<10
CC29060		0.16	0.2	0.73	46	<10	70	<0.5	<2	0.05	<0.5	6	12	23	3.25	<10
CC29061		0.26	0.2	1.11	49	<10	80	<0.5	<2	0.03	<0.5	3	12	15	3.05	<10
CC29062		0.12	0.2	1.04	29	<10	90	<0.5	<2	0.31	1.7	22	12	29	2.75	<10
CC29069		0.42	1.0	1.22	61	<10	90	<0.5	<2	0.14	0.8	13	22	115	6.38	<10
CC29070		0.36	<0.2	1.51	31	<10	90	<0.5	<2	0.26	<0.5	27	12	71	4.96	<10
CC29071		0.32	<0.2	1.42	29	<10	140	<0.5	<2	0.18	<0.5	14	6	102	4.62	10
CC29072		0.32	<0.2	0.17	35	<10	160	<0.5	<2	0.06	<0.5	1	<1	6	3.47	<10
CC29073		0.22	0.4	0.40	24	<10	180	<0.5	<2	0.20	1.4	7	3	31	3.06	<10
CC29074		0.30	2.9	0.59	90	<10	100	<0.5	<2	0.07	1.3	6	22	57	5.86	<10
CC29075		0.20	1.2	1.06	40	<10	80	<0.5	<2	0.08	<0.5	7	21	53	3.86	<10
CC29076		0.38	0.8	1.01	44	<10	50	<0.5	<2	0.09	<0.5	10	23	49	3.28	<10
CC29077		0.34	0.4	1.14	25	<10	60	<0.5	<2	0.14	0.7	15	19	68	3.56	<10
CC29078		0.26	<0.2	1.38	14	<10	90	<0.5	<2	0.16	0.6	12	31	65	3.47	<10
CC29079		0.32	0.4	1.16	27	<10	50	<0.5	<2	0.07	<0.5	10	20	53	3.01	<10
CC29080		0.42	1.5	1.15	92	<10	50	<0.5	3	0.07	<0.5	15	20	105	3.74	<10
CC29081		0.28	0.5	2.12	45	<10	150	<0.5	<2	0.08	0.9	13	30	63	4.96	10
CC29082		0.26	<0.2	1.37	60	<10	90	<0.5	<2	0.03	0.5	6	19	31	4.47	10
CC29083		0.34	0.4	0.77	106	<10	120	<0.5	<2	0.04	0.6	4	8	28	4.13	<10
CC29084		0.30	0.7	0.80	82	<10	130	<0.5	<2	0.12	4.4	27	9	112	7.29	<10
CC26541		0.26	0.5	1.00	19	<10	70	<0.5	<2	0.06	0.5	7	23	61	3.52	<10
CC26542		0.42	9.0	1.14	386	<10	60	<0.5	14	0.08	0.5	7	20	300	5.39	<10
CC26543		0.22	0.9	1.11	27	<10	70	<0.5	<2	0.08	0.7	16	22	64	3.60	<10
CC26544		0.28	0.3	1.10	27	<10	50	<0.5	<2	0.11	<0.5	10	20	70	3.03	<10
CC26545		0.26	0.2	0.89	16	<10	80	<0.5	<2	0.08	0.6	11	18	49	2.83	<10
CC26546		0.28	<0.2	1.20	15	<10	80	<0.5	<2	0.05	0.7	12	22	109	3.83	<10

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

Project: MARG

Finalized : 29-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC29042		1	0.02	10	0.34	297	4	0.01	41	1090	41	0.04	12	3	8	<20
CC29043		1	0.02	10	0.45	274	3	0.01	39	1050	20	0.03	8	3	9	<20
CC29044		<1	0.02	10	0.39	223	3	0.01	27	1190	22	0.05	15	3	10	<20
CC29045		1	0.02	10	0.34	313	4	0.01	44	1470	35	0.06	13	4	11	<20
CC29046		<1	0.02	10	0.38	379	5	0.01	48	1590	40	0.06	9	3	8	<20
CC29047		1	0.10	10	0.28	417	<1	0.01	22	790	185	0.06	3	2	31	<20
CC29048		1	0.11	20	0.26	337	1	0.01	9	940	45	0.09	2	1	25	<20
CC29049		<1	0.09	20	0.06	125	2	0.01	6	1280	225	0.11	11	1	32	<20
CC29050		1	0.07	20	0.11	56	5	0.01	11	1340	62	0.11	4	1	17	<20
CC29054		1	0.03	10	0.34	187	4	0.01	36	1140	43	0.04	13	3	7	<20
CC29055		<1	0.02	10	0.47	314	3	0.01	32	1250	24	0.07	15	4	12	<20
CC29056		1	0.04	10	1.17	615	2	0.01	69	1290	29	0.05	8	3	17	<20
CC29057		<1	0.04	10	0.33	384	2	0.01	26	1520	27	0.11	3	1	16	<20
CC29058		<1	0.04	10	0.77	550	2	0.01	53	870	37	0.04	7	3	16	<20
CC29059		<1	0.04	20	0.53	389	4	0.01	35	960	311	0.03	7	2	18	<20
CC29060		<1	0.05	10	0.17	264	2	0.01	15	780	32	0.04	5	1	8	<20
CC29061		1	0.04	20	0.19	124	2	0.01	10	520	16	0.02	4	1	8	<20
CC29062		<1	0.03	10	0.28	863	1	0.01	37	740	26	0.04	3	1	22	<20
CC29069		<1	0.03	10	0.43	289	7	0.01	52	1540	43	0.05	14	3	18	<20
CC29070		<1	0.05	20	0.69	934	<1	0.01	39	790	28	0.02	2	4	15	<20
CC29071		1	0.10	30	0.64	636	<1	0.01	15	1200	28	0.06	<2	3	17	<20
CC29072		<1	0.18	20	0.02	73	4	0.03	3	780	63	0.49	4	<1	77	<20
CC29073		1	0.08	20	0.09	157	3	0.02	23	1300	37	0.11	2	1	32	<20
CC29074		<1	0.04	<10	0.21	96	22	0.01	46	3660	53	0.13	20	1	28	<20
CC29075		<1	0.02	10	0.27	103	5	0.01	30	1400	26	0.08	5	2	10	<20
CC29076		<1	0.02	10	0.29	204	2	0.01	29	1180	22	0.05	10	3	9	<20
CC29077		<1	0.03	20	0.40	457	3	0.01	36	920	32	0.03	<2	2	12	<20
CC29078		<1	0.03	10	0.49	488	3	0.01	30	850	19	0.06	<2	1	11	<20
CC29079		<1	0.03	20	0.34	343	2	0.01	29	980	31	0.03	2	2	13	<20
CC29080		1	0.02	10	0.47	495	4	0.01	30	750	491	0.03	17	2	11	<20
CC29081		<1	0.04	10	0.69	325	5	0.01	43	1280	29	0.04	5	2	23	<20
CC29082		1	0.04	10	0.30	260	4	0.01	21	910	25	0.04	4	1	10	<20
CC29083		1	0.04	10	0.19	167	4	0.01	13	1320	39	0.06	10	1	20	<20
CC29084		<1	0.04	20	0.11	761	18	0.01	66	1990	44	0.06	22	2	17	<20
CC26541		<1	0.04	10	0.32	243	5	0.01	19	1080	29	0.08	2	<1	10	<20
CC26542		5	0.04	10	0.42	202	10	0.01	29	1300	2240	0.16	89	2	32	<20
CC26543		1	0.03	20	0.29	400	3	0.01	29	1120	53	0.05	3	1	7	<20
CC26544		<1	0.02	10	0.30	224	2	0.01	27	780	37	0.03	3	1	7	<20
CC26545		1	0.03	10	0.25	525	2	0.01	20	820	35	0.06	2	<1	7	<20
CC26546		1	0.04	10	0.40	357	5	0.01	24	780	21	0.04	2	1	14	<20

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
CC29042		<0.01	<10	<10	37	<10	118
CC29043		0.01	<10	<10	36	<10	121
CC29044		<0.01	<10	<10	35	<10	54
CC29045		<0.01	<10	<10	41	<10	107
CC29046		0.01	<10	<10	34	<10	141
CC29047		0.01	<10	<10	11	<10	154
CC29048		0.01	<10	<10	6	<10	91
CC29049		<0.01	<10	<10	3	<10	134
CC29050		<0.01	<10	<10	10	<10	133
CC29054		<0.01	<10	<10	37	<10	122
CC29055		<0.01	<10	<10	38	<10	65
CC29056		0.03	<10	<10	55	<10	139
CC29057		0.01	<10	<10	32	<10	79
CC29058		0.02	<10	<10	43	<10	122
CC29059		0.02	<10	<10	40	<10	186
CC29060		0.02	<10	<10	28	<10	114
CC29061		0.02	<10	<10	29	<10	83
CC29062		0.01	<10	<10	25	<10	158
CC29069		0.01	<10	<10	40	<10	248
CC29070		0.01	<10	<10	29	<10	124
CC29071		0.02	<10	<10	20	<10	152
CC29072		<0.01	<10	<10	<1	<10	58
CC29073		<0.01	<10	<10	8	<10	178
CC29074		<0.01	<10	<10	69	<10	486
CC29075		<0.01	<10	<10	36	<10	100
CC29076		<0.01	<10	<10	32	<10	55
CC29077		0.02	<10	<10	30	<10	122
CC29078		0.04	<10	<10	45	<10	251
CC29079		0.01	<10	<10	32	<10	86
CC29080		0.03	<10	<10	28	<10	137
CC29081		0.01	<10	<10	75	<10	226
CC29082		0.01	<10	<10	56	<10	123
CC29083		0.02	<10	<10	19	<10	149
CC29084		0.01	<10	<10	20	<10	458
CC26541		0.02	<10	<10	51	<10	129
CC26542		0.01	10	<10	29	<10	253
CC26543		0.02	<10	<10	34	<10	129
CC26544		0.04	<10	<10	36	<10	99
CC26545		0.02	<10	<10	39	<10	94
CC26546		0.04	<10	<10	44	<10	113

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

Project: MARG

Finalized Date: 29-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
CC26547		0.38	<0.2	1.25	20	<10	70	<0.5	<2	0.03	0.5	8	28	56	3.97	<10
CC26548		0.26	0.2	1.00	39	<10	80	<0.5	<2	0.03	<0.5	6	19	40	4.51	10
CC26549		0.42	<0.2	1.16	63	<10	200	<0.5	<2	0.10	0.7	4	7	13	3.05	<10
CC26550		0.30	0.3	0.66	19	<10	110	<0.5	<2	0.03	0.6	2	4	9	2.27	<10
CC26551		0.32	1.0	0.40	59	<10	180	<0.5	<2	0.02	0.5	2	5	10	2.70	<10
CC26552		0.30	0.6	1.32	37	<10	200	<0.5	<2	0.04	<0.5	3	10	16	4.93	10
CC26553		0.30	0.3	1.19	33	<10	310	<0.5	<2	0.16	0.6	13	8	19	4.04	<10
CC26554		0.26	<0.2	1.53	21	<10	100	<0.5	<2	0.04	<0.5	3	8	5	2.85	10
CC26555		0.24	<0.2	1.41	12	<10	60	<0.5	<2	0.04	<0.5	6	24	16	4.27	10
CC26556		0.22	<0.2	1.34	56	<10	40	<0.5	<2	0.10	<0.5	14	9	23	6.08	<10
CC26557		0.40	<0.2	0.88	62	<10	240	<0.5	<2	0.19	0.7	8	9	25	3.48	<10

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

Project: MARG

Finalized Date: 29-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC26547		<1	0.04	10	0.42	330	6	0.01	25	850	17	0.05	2	1	17	<20
CC26548		1	0.03	10	0.24	221	6	0.01	24	1300	29	0.04	5	<1	13	<20
CC26549		<1	0.04	30	0.33	241	1	0.01	10	690	37	0.02	4	1	12	<20
CC26550		<1	0.03	20	0.08	115	3	0.01	5	780	18	0.04	2	<1	6	<20
CC26551		1	0.04	20	0.06	51	22	0.01	15	1090	45	0.09	23	<1	49	<20
CC26552		1	0.04	20	0.24	141	4	0.01	8	1380	45	0.10	5	1	21	<20
CC26553		1	0.10	20	0.25	652	1	0.01	21	1160	34	0.04	3	2	21	<20
CC26554		<1	0.04	10	0.54	173	1	0.01	6	540	9	0.01	<2	2	5	<20
CC26555		1	0.04	10	0.26	353	1	0.01	14	420	20	0.02	<2	2	6	<20
CC26556		1	0.03	10	0.38	1030	2	0.01	21	900	30	0.01	<2	3	6	<20
CC26557		1	0.06	20	0.31	444	1	0.01	22	740	19	0.01	4	2	17	<20

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

Project: MARG

Finalized Date: 29-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077539

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC26547		0.03	<10	<10	57	<10	119
CC26548		0.01	<10	<10	58	<10	147
CC26549		0.02	<10	<10	17	<10	121
CC26550		0.01	<10	<10	21	<10	73
CC26551		0.01	<10	<10	28	<10	150
CC26552		0.01	<10	<10	29	<10	75
CC26553		0.01	<10	<10	16	<10	127
CC26554		0.01	<10	<10	31	<10	53
CC26555		0.04	<10	<10	68	<10	68
CC26556		0.01	<10	<10	20	<10	135
CC26557		0.02	<10	<10	19	<10	156

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

Finalized : 27-JUL-2007
Account: MARPRO

CERTIFICATE VA07077538

Project: MARG

P.O. No.:

This report is for 271 Soil samples submitted to our lab in Vancouver, BC, Canada on 17-JUL-2007.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature: Lawrence Ng

Lawrence Ng, Laboratory Manager - Vancouver

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

Project: MARG

Finalized Date: 27-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077538

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC20501		0.24	0.2	1.50	16	<10	310	<0.5	<2	0.27	0.5	10	24	85	2.64	<10
CC20502		0.14	<0.2	1.40	23	<10	140	<0.5	<2	0.08	<0.5	6	28	19	4.23	10
CC20503		0.16	<0.2	1.05	7	<10	70	<0.5	<2	0.05	0.5	3	20	19	1.59	10
CC20504		0.12	<0.2	0.98	14	<10	50	<0.5	2	0.04	<0.5	3	21	11	2.59	<10
CC20505		0.02	0.3	1.10	40	<10	110	<0.5	<2	0.27	4.0	23	20	509	4.03	<10
CC20506		0.18	1.0	1.29	101	<10	90	<0.5	4	0.09	0.8	12	22	325	4.82	<10
CC20507		0.36	1.4	1.12	123	<10	60	<0.5	4	0.06	<0.5	4	20	92	3.18	<10
CC20508		0.24	0.3	1.11	29	<10	60	<0.5	2	0.07	0.5	5	19	104	2.84	<10
CC20509		0.04	0.4	0.60	57	<10	60	<0.5	2	0.03	<0.5	2	9	42	2.16	<10
CC20510		0.20	0.4	1.57	36	<10	60	<0.5	2	0.06	<0.5	7	25	62	3.80	<10
CC20511		0.12	0.5	1.73	19	<10	70	<0.5	<2	0.07	<0.5	6	33	26	3.70	<10
CC20512		0.12	0.5	1.18	16	<10	50	<0.5	<2	0.05	<0.5	4	22	19	2.51	10
CC20513		0.02	0.3	1.43	22	<10	50	<0.5	<2	0.05	<0.5	4	23	229	3.08	10
CC20514		0.12	1.3	0.87	12	<10	60	<0.5	<2	0.04	<0.5	2	16	10	1.81	<10
CC20515		0.16	<0.2	1.62	14	<10	70	<0.5	<2	0.06	<0.5	5	25	22	2.69	10
CC20516		0.02	<0.2	1.52	15	<10	490	<0.5	<2	0.21	1.4	33	25	64	2.83	10
CC20517		0.10	<0.2	1.38	12	<10	80	<0.5	<2	0.08	<0.5	10	21	112	2.91	<10
CC20518		0.14	0.3	1.33	13	<10	160	<0.5	<2	0.31	<0.5	7	21	58	2.46	<10
CC20519		0.12	<0.2	0.80	8	<10	70	<0.5	<2	0.07	<0.5	1	12	7	0.55	10
CC20520		0.12	0.3	1.55	15	<10	180	<0.5	<2	0.08	<0.5	5	25	56	2.29	10
CC20521		0.12	0.2	1.24	19	<10	60	<0.5	<2	0.07	<0.5	7	25	63	2.89	<10
CC20522		0.28	0.2	1.67	10	<10	60	<0.5	2	0.05	<0.5	4	25	8	2.97	10
CC20523		0.14	<0.2	2.11	20	<10	110	<0.5	<2	0.08	<0.5	8	33	28	3.82	10
CC20524		0.16	0.2	1.80	23	<10	100	<0.5	<2	0.07	<0.5	5	23	17	2.84	<10
CC20525		0.10	0.6	1.05	38	<10	60	<0.5	<2	0.04	0.5	5	18	44	2.50	10
CC20526		0.02	0.6	0.55	68	<10	50	<0.5	3	0.03	<0.5	2	10	63	1.49	<10
CC20527		0.26	0.9	0.70	14	<10	80	<0.5	2	0.03	<0.5	2	9	16	0.97	<10
CC20528		0.14	0.4	1.20	20	<10	70	<0.5	<2	0.08	<0.5	5	21	55	2.33	<10
CC20529		0.14	<0.2	1.82	9	<10	210	<0.5	<2	0.21	0.7	15	17	81	4.72	10
CC20530		0.22	0.3	1.93	15	<10	250	<0.5	<2	0.11	1.1	18	35	98	4.14	10
CC20531		0.22	0.4	1.82	20	<10	160	<0.5	<2	0.14	1.0	19	36	104	3.95	10
CC20532		0.14	0.5	2.99	32	<10	210	<0.5	<2	0.30	2.6	42	65	226	6.56	<10
CC20533		0.12	0.7	1.61	29	<10	170	<0.5	<2	0.18	2.1	17	35	100	3.77	<10
CC20534		0.12	0.4	1.41	22	<10	140	<0.5	<2	0.08	1.2	10	29	50	3.63	<10
CC20535		0.22	0.3	0.97	24	<10	80	<0.5	<2	0.03	0.7	7	21	37	3.31	<10
CC20536		0.16	0.2	1.06	17	<10	70	<0.5	<2	0.05	0.6	9	18	24	2.67	<10
CC20537		0.06	0.2	0.90	25	<10	50	<0.5	<2	0.06	0.5	11	20	34	2.77	<10
CC20538		0.16	0.2	0.64	21	<10	60	<0.5	<2	0.06	<0.5	8	15	21	2.28	<10
CC20539		0.24	<0.2	1.42	20	<10	60	<0.5	<2	0.06	<0.5	9	25	19	3.54	<10
CC20540		0.20	<0.2	0.96	22	<10	50	<0.5	<2	0.04	<0.5	8	20	26	3.40	<10

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

Project: MARG

Finalized Date: 27-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077538

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC20501		<1	0.05	10	0.41	337	2	0.02	28	790	14	0.04	3	2	22	<20
CC20502		<1	0.05	10	0.25	293	3	0.01	17	390	12	0.03	4	2	11	<20
CC20503		<1	0.04	10	0.22	83	1	0.01	10	400	9	0.03	<2	1	8	<20
CC20504		<1	0.04	10	0.17	109	2	0.01	8	430	11	0.04	3	1	7	<20
CC20505		<1	0.04	10	0.40	670	2	0.02	76	960	93	0.02	7	3	18	<20
CC20506		<1	0.05	10	0.34	348	4	0.01	30	1220	460	0.05	11	3	14	<20
CC20507		<1	0.04	10	0.25	122	4	0.01	14	570	597	0.04	24	1	9	<20
CC20508		<1	0.03	10	0.23	117	2	0.01	16	730	83	0.04	4	1	8	<20
CC20509		<1	0.03	10	0.13	35	4	0.01	5	530	99	0.03	4	1	8	<20
CC20510		<1	0.04	10	0.28	288	2	0.01	16	630	98	0.03	6	2	7	<20
CC20511		<1	0.04	10	0.38	227	2	0.01	16	430	49	0.04	5	2	9	<20
CC20512		<1	0.04	10	0.18	145	2	0.01	9	550	62	0.04	2	<1	8	<20
CC20513		<1	0.04	10	0.20	109	2	0.01	13	430	45	0.03	5	1	8	<20
CC20514		<1	0.04	10	0.12	59	2	0.01	7	770	20	0.06	2	<1	7	<20
CC20515		<1	0.04	10	0.29	151	2	0.01	13	440	19	0.04	3	2	8	<20
CC20516		<1	0.04	10	0.33	2590	2	0.01	25	650	74	0.04	4	2	19	<20
CC20517		<1	0.04	10	0.32	257	2	0.01	22	740	12	0.05	2	1	10	<20
CC20518		<1	0.04	10	0.43	206	2	0.01	30	670	12	0.03	2	2	18	<20
CC20519		<1	0.04	10	0.10	36	1	0.01	5	220	14	0.02	2	1	8	<20
CC20520		<1	0.05	10	0.36	135	2	0.01	17	620	12	0.05	3	1	10	<20
CC20521		<1	0.04	10	0.32	192	2	0.01	19	610	10	0.05	3	1	8	<20
CC20522		<1	0.04	10	0.27	128	2	0.01	10	370	11	0.03	3	2	7	<20
CC20523		<1	0.05	10	0.42	329	3	0.02	22	520	15	0.04	2	3	11	<20
CC20524		<1	0.04	10	0.29	165	3	0.01	14	550	15	0.04	2	2	10	<20
CC20525		<1	0.04	10	0.15	165	3	0.01	10	510	125	0.03	5	<1	7	<20
CC20526		<1	0.03	10	0.08	30	3	0.01	4	650	792	0.03	8	<1	10	<20
CC20527		<1	0.03	10	0.16	61	2	0.01	4	400	81	0.02	3	<1	6	<20
CC20528		<1	0.05	10	0.33	157	2	0.01	14	780	83	0.04	4	1	10	<20
CC20529		<1	0.03	10	0.56	496	1	0.02	36	880	3	0.03	5	2	11	<20
CC20530		<1	0.04	10	0.66	511	4	0.02	44	1010	11	0.03	3	2	11	<20
CC20531		1	0.04	10	0.63	469	3	0.01	48	1060	8	0.03	5	2	16	<20
CC20532		<1	0.04	10	1.53	1020	4	0.02	73	1050	7	0.07	7	3	21	<20
CC20533		<1	0.04	10	0.66	390	5	0.02	45	1080	12	0.05	6	2	30	<20
CC20534		<1	0.06	10	0.44	537	4	0.02	24	1160	12	0.07	3	1	18	<20
CC20535		<1	0.04	10	0.21	239	3	0.01	21	890	11	0.05	4	<1	12	<20
CC20536		<1	0.04	10	0.22	446	1	0.01	18	640	5	0.04	3	1	7	<20
CC20537		<1	0.03	10	0.20	228	4	0.01	26	550	20	0.02	4	2	6	<20
CC20538		<1	0.04	10	0.10	368	2	0.01	15	570	11	0.04	2	1	6	<20
CC20539		<1	0.04	10	0.27	322	1	0.01	21	610	11	0.02	4	2	8	<20
CC20540		<1	0.04	10	0.18	190	1	0.01	21	630	12	0.04	3	1	6	<20

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

Project: MARG

Finalized D: 27-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077538

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC20501		0.03	<10	<10	47	<10	200
CC20502		0.05	<10	<10	82	<10	76
CC20503		0.03	<10	<10	40	<10	43
CC20504		0.04	<10	<10	60	<10	38
CC20505		0.03	<10	<10	33	<10	2200
CC20506		0.03	<10	<10	40	<10	340
CC20507		0.03	<10	<10	38	<10	87
CC20508		0.02	<10	<10	36	<10	98
CC20509		0.01	<10	<10	19	<10	56
CC20510		0.03	<10	<10	49	<10	116
CC20511		0.05	<10	<10	55	<10	78
CC20512		0.03	<10	<10	50	<10	43
CC20513		0.03	<10	<10	54	<10	93
CC20514		0.02	<10	<10	46	<10	26
CC20515		0.04	<10	<10	52	<10	102
CC20516		0.03	<10	<10	51	<10	187
CC20517		0.03	<10	<10	54	<10	78
CC20518		0.02	<10	<10	37	<10	108
CC20519		0.02	<10	<10	27	<10	16
CC20520		0.03	<10	<10	54	<10	60
CC20521		0.04	<10	<10	60	<10	63
CC20522		0.04	<10	<10	63	<10	41
CC20523		0.04	<10	<10	56	<10	72
CC20524		0.03	<10	<10	54	<10	66
CC20525		0.02	<10	<10	51	<10	108
CC20526		0.01	<10	<10	24	<10	55
CC20527		0.01	<10	<10	26	<10	42
CC20528		0.02	<10	<10	38	<10	137
CC20529		0.04	<10	<10	37	<10	166
CC20530		0.05	<10	<10	75	<10	212
CC20531		0.04	<10	<10	66	<10	225
CC20532		0.08	<10	<10	117	<10	293
CC20533		0.03	<10	<10	62	<10	251
CC20534		0.02	<10	<10	57	<10	137
CC20535		0.01	<10	<10	45	<10	123
CC20536		0.02	<10	<10	39	<10	61
CC20537		0.03	<10	<10	42	<10	69
CC20538		0.02	<10	<10	50	<10	58
CC20539		0.03	<10	<10	43	<10	60
CC20540		0.03	<10	<10	52	<10	60

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07077538

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
CC20541		0.18	<0.2	1.84	20	<10	110	<0.5	<2	0.07	<0.5	11	22	44	3.73	10
CC20542		0.20	0.4	0.69	16	<10	30	<0.5	<2	0.02	<0.5	4	14	15	1.99	<10
CC20543		0.16	0.2	0.76	14	<10	40	<0.5	<2	0.03	<0.5	6	16	18	2.32	<10
CC20544		0.14	<0.2	0.64	12	<10	70	<0.5	<2	0.03	<0.5	8	12	16	2.20	<10
CC20545		0.10	0.3	0.50	17	<10	110	<0.5	<2	0.05	1.5	7	12	16	1.95	<10
CC20546		0.20	0.5	0.99	26	<10	80	<0.5	<2	0.06	0.7	6	20	31	2.66	<10
CC20547		0.18	0.9	1.27	22	<10	130	<0.5	<2	0.15	1.2	11	26	65	3.42	<10
CC20548		0.14	0.8	1.29	23	<10	200	<0.5	<2	0.21	0.9	6	22	33	3.43	<10
CC20549		0.28	0.2	1.84	22	<10	120	<0.5	<2	0.09	<0.5	11	31	76	4.06	10
CC20550		0.22	0.4	1.01	19	<10	60	<0.5	<2	0.07	<0.5	7	20	40	2.52	<10
CC20551		0.16	0.3	1.35	32	<10	130	<0.5	<2	0.11	0.5	7	20	51	3.03	<10
CC20552		0.20	0.5	1.60	16	<10	370	<0.5	<2	0.80	1.1	10	22	57	3.00	<10
CC20553		0.32	0.5	1.34	12	<10	350	<0.5	<2	0.65	0.5	9	20	32	2.37	<10
CC20554		0.32	0.3	1.02	10	<10	130	<0.5	<2	0.08	<0.5	4	18	15	2.08	<10
CC20555		0.24	0.7	1.05	13	<10	180	<0.5	<2	0.14	0.5	5	19	17	2.02	<10
CC20556		0.12	0.5	0.77	6	<10	130	<0.5	<2	0.11	<0.5	3	14	6	1.21	<10
CC20557		0.48	0.2	0.69	26	<10	70	<0.5	<2	0.10	<0.5	6	15	33	2.49	<10
CC20558		0.44	0.6	1.03	13	<10	320	<0.5	<2	0.32	0.5	8	18	32	2.19	<10
CC20559		0.36	0.7	1.25	19	<10	440	<0.5	<2	0.39	<0.5	7	22	22	2.70	<10
CC20560		0.24	1.1	1.31	14	<10	540	<0.5	<2	0.30	0.5	6	22	24	2.48	<10
CC20561		0.32	0.5	1.13	22	<10	260	<0.5	2	0.26	<0.5	5	19	16	2.64	<10
CC20562		0.34	0.5	1.45	16	<10	340	<0.5	<2	0.66	1.1	9	20	81	2.97	<10
CC20563		0.16	0.9	1.70	21	<10	560	0.6	<2	1.34	6.1	14	22	258	3.08	<10
CC20564		0.36	0.4	1.50	10	<10	430	<0.5	<2	0.84	5.7	10	20	193	2.39	<10
CC20565		0.32	0.5	1.55	26	<10	210	<0.5	<2	0.32	3.0	19	22	591	3.22	<10
CC20566		0.46	3.2	1.30	76	<10	50	<0.5	4	0.09	<0.5	4	22	180	2.89	<10
CC20567		0.32	4.3	1.50	97	<10	60	<0.5	6	0.14	<0.5	5	25	263	3.06	<10
CC20568		0.42	0.5	1.46	48	<10	100	<0.5	<2	0.09	0.7	6	24	195	3.72	10
CC20569		0.50	0.7	1.55	29	<10	70	<0.5	<2	0.06	<0.5	6	23	77	3.81	10
CC20570		0.42	0.7	1.75	19	<10	70	<0.5	<2	0.05	<0.5	7	26	35	3.41	10
CC20571		0.48	0.8	0.79	45	<10	60	<0.5	2	0.08	<0.5	6	14	152	2.68	<10
CC20572		0.32	0.8	1.27	16	<10	60	<0.5	<2	0.14	0.6	7	14	276	4.13	<10
CC20573		0.30	0.6	1.27	82	<10	90	<0.5	3	0.10	1.2	5	24	668	6.06	10
CC20574		0.26	1.7	1.98	31	<10	90	0.5	<2	0.19	2.0	8	22	1000	3.78	<10
CC20575		0.40	0.4	1.40	39	<10	210	<0.5	2	0.16	3.3	20	21	626	4.46	<10
CC20576		0.30	0.3	1.62	18	<10	200	<0.5	3	0.28	2.8	13	21	645	4.29	<10
CC20577		0.30	0.3	1.16	10	<10	120	<0.5	<2	0.10	1.3	5	17	166	3.15	<10
CC20578		0.26	0.5	0.60	7	<10	80	<0.5	<2	0.12	<0.5	1	10	44	1.06	<10
CC20579		0.28	0.2	1.33	15	<10	180	<0.5	<2	0.23	1.8	11	18	303	3.23	<10
CC20580		0.38	0.2	1.17	13	<10	200	<0.5	<2	0.21	1.9	8	16	359	2.15	<10

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

Project: MARG

Finalized Date: 27-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077538

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC20541		<1	0.04	10	0.55	358	1	0.01	25	660	8	0.03	4	2	8	<20
CC20542		<1	0.03	10	0.10	129	2	0.01	11	680	7	0.04	5	<1	5	<20
CC20543		<1	0.03	10	0.13	223	1	0.01	14	520	6	0.03	3	<1	5	<20
CC20544		<1	0.04	10	0.09	652	1	0.01	11	880	7	0.05	3	<1	5	<20
CC20545		<1	0.04	10	0.06	537	2	0.01	11	750	8	0.05	2	<1	8	<20
CC20546		<1	0.04	10	0.26	108	3	0.01	23	640	13	0.04	5	1	11	<20
CC20547		<1	0.06	10	0.42	316	5	0.02	33	1180	12	0.08	6	1	27	<20
CC20548		1	0.04	10	0.39	77	2	0.01	25	1070	12	0.04	3	2	19	<20
CC20549		<1	0.05	20	0.55	384	3	0.02	28	1010	18	0.04	4	2	12	<20
CC20550		<1	0.03	10	0.34	166	1	0.01	20	550	8	0.04	4	1	8	<20
CC20551		<1	0.04	20	0.34	199	2	0.02	19	1000	16	0.06	2	1	13	<20
CC20552		<1	0.05	10	0.47	277	1	0.02	33	1070	19	0.07	3	3	35	<20
CC20553		<1	0.05	10	0.38	325	1	0.02	22	1100	17	0.07	3	3	32	<20
CC20554		<1	0.05	10	0.22	128	2	0.01	10	1160	16	0.06	3	1	9	<20
CC20555		<1	0.05	10	0.27	108	1	0.01	15	910	9	0.04	3	2	12	<20
CC20556		<1	0.03	10	0.18	52	1	0.01	7	760	8	0.04	2	1	10	<20
CC20557		<1	0.03	10	0.21	142	2	0.01	19	790	18	0.02	3	1	9	<20
CC20558		<1	0.04	10	0.31	235	1	0.01	21	830	14	0.03	3	3	18	<20
CC20559		<1	0.05	10	0.34	238	2	0.01	22	930	18	0.04	5	3	22	<20
CC20560		<1	0.06	10	0.28	127	2	0.01	21	1070	18	0.06	4	3	19	<20
CC20561		<1	0.05	10	0.28	208	2	0.01	16	920	16	0.04	4	2	16	<20
CC20562		<1	0.05	10	0.41	211	1	0.02	37	1030	24	0.07	3	3	30	<20
CC20563		<1	0.06	30	0.43	690	2	0.02	60	1710	26	0.13	4	3	61	<20
CC20564		<1	0.05	20	0.47	442	2	0.02	41	1450	16	0.12	3	3	38	<20
CC20565		1	0.05	10	0.40	656	2	0.01	43	1060	687	0.07	4	2	21	<20
CC20566		<1	0.05	10	0.27	116	3	0.01	16	960	866	0.03	13	1	10	<20
CC20567		<1	0.05	10	0.38	124	3	0.01	16	930	1450	0.05	13	2	13	<20
CC20568		<1	0.05	10	0.37	154	4	0.01	22	900	112	0.04	6	2	16	<20
CC20569		<1	0.05	10	0.29	201	4	0.01	18	1160	45	0.07	6	1	18	<20
CC20570		<1	0.04	10	0.29	199	2	0.01	18	450	31	0.03	5	2	8	<20
CC20571		<1	0.04	20	0.22	143	2	0.01	14	550	621	0.04	6	1	10	<20
CC20572		<1	0.03	10	0.37	259	2	0.02	13	1550	437	0.08	2	2	12	<20
CC20573		<1	0.03	10	0.27	178	3	<0.01	17	1190	523	0.07	7	1	11	<20
CC20574		1	0.03	10	0.32	228	2	<0.01	40	1940	729	0.18	3	3	14	<20
CC20575		<1	0.03	10	0.36	262	2	<0.01	40	930	131	0.06	3	4	15	<20
CC20576		<1	0.04	10	0.38	662	1	<0.01	45	1320	32	0.09	3	3	19	<20
CC20577		<1	0.03	10	0.27	175	1	<0.01	22	810	19	0.06	2	2	10	<20
CC20578		<1	0.02	10	0.12	44	1	<0.01	9	510	9	0.05	3	1	10	<20
CC20579		<1	0.03	10	0.35	418	1	<0.01	35	890	33	0.05	<2	3	15	<20
CC20580		<1	0.03	10	0.32	271	1	<0.01	33	790	27	0.04	2	2	14	<20

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

Project: MARG

Finalized Date: 27-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077538

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC20541		0.02	<10	<10	66	<10	72
CC20542		0.01	<10	<10	41	<10	38
CC20543		0.02	<10	<10	40	<10	48
CC20544		0.01	<10	<10	47	<10	48
CC20545		0.01	<10	<10	48	<10	59
CC20546		0.02	<10	<10	41	<10	99
CC20547		0.02	<10	<10	50	<10	190
CC20548		0.01	<10	<10	40	<10	153
CC20549		0.04	<10	<10	58	<10	90
CC20550		0.04	<10	<10	37	<10	65
CC20551		0.03	<10	<10	40	<10	70
CC20552		0.02	<10	<10	39	<10	300
CC20553		0.02	<10	<10	37	<10	145
CC20554		0.02	<10	<10	35	<10	58
CC20555		0.01	<10	<10	35	<10	84
CC20556		0.02	<10	<10	28	<10	53
CC20557		0.02	<10	<10	28	<10	89
CC20558		0.02	<10	<10	28	<10	90
CC20559		0.01	<10	<10	35	<10	105
CC20560		0.01	<10	<10	41	<10	95
CC20561		0.01	<10	<10	39	<10	75
CC20562		0.01	<10	<10	35	<10	399
CC20563		0.01	<10	<10	34	<10	1780
CC20564		0.02	<10	<10	42	<10	1570
CC20565		0.02	<10	<10	40	<10	1370
CC20566		0.02	<10	<10	43	<10	134
CC20567		0.03	<10	<10	50	<10	138
CC20568		0.02	<10	<10	50	<10	273
CC20569		0.02	<10	<10	48	<10	175
CC20570		0.04	<10	<10	60	<10	83
CC20571		0.02	<10	<10	27	<10	177
CC20572		0.02	<10	<10	63	<10	249
CC20573		0.03	<10	<10	56	<10	662
CC20574		0.02	<10	<10	34	<10	1080
CC20575		0.03	<10	<10	38	<10	1080
CC20576		0.02	<10	<10	38	<10	1535
CC20577		0.02	<10	<10	35	<10	565
CC20578		0.02	<10	<10	33	<10	229
CC20579		0.02	<10	<10	33	<10	1130
CC20580		0.02	<10	<10	28	<10	881

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07077538

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC20581		0.42	0.3	0.97	22	<10	190	<0.5	<2	0.44	1.0	10	15	39	2.59	<10
CC20582		0.34	<0.2	0.73	8	<10	50	<0.5	<2	0.04	<0.5	3	12	15	1.40	<10
CC20583		0.42	0.2	0.79	10	<10	50	<0.5	<2	0.04	<0.5	3	12	14	1.53	<10
CC20584		0.40	0.2	0.92	8	<10	60	<0.5	<2	0.03	<0.5	2	16	9	1.74	10
CC20585		0.40	0.3	1.30	9	<10	60	<0.5	<2	0.04	<0.5	3	20	30	1.97	<10
CC20586		0.46	<0.2	1.04	12	<10	60	<0.5	<2	0.06	<0.5	3	17	17	1.99	<10
CC20587		0.72	0.3	1.39	18	<10	130	<0.5	2	0.14	1.0	11	22	232	5.89	<10
CC20588		0.44	0.7	1.33	22	<10	110	<0.5	<2	0.13	0.9	5	26	150	3.68	10
CC20589		0.54	0.5	1.49	37	<10	90	<0.5	2	0.08	<0.5	13	23	380	4.74	10
CC20590		0.30	0.4	1.05	18	<10	50	<0.5	<2	0.04	<0.5	2	21	16	3.08	10
CC20591		0.50	0.3	1.00	12	<10	80	<0.5	<2	0.09	<0.5	5	16	33	2.08	<10
CC20592		0.60	<0.2	1.11	12	<10	130	<0.5	<2	0.12	<0.5	5	19	17	2.10	<10
CC20593		0.54	<0.2	0.91	20	<10	80	<0.5	<2	0.11	<0.5	5	16	27	2.36	<10
CC20594		0.52	0.3	1.40	21	<10	100	<0.5	<2	0.08	<0.5	6	22	21	3.32	10
CC20595		0.44	0.2	0.81	12	<10	50	<0.5	<2	0.04	<0.5	2	14	10	1.88	10
CC20596		0.44	0.4	0.58	4	<10	70	<0.5	<2	0.05	<0.5	1	8	6	0.53	<10
CC20597		0.42	0.4	1.43	12	<10	160	<0.5	<2	0.27	2.2	6	24	267	2.63	<10
CC20598		0.36	3.2	1.64	12	<10	330	0.5	2	0.43	8.8	24	18	1260	4.30	<10
CC20599		0.74	0.9	0.76	344	<10	90	<0.5	3	0.13	3.7	10	10	296	7.60	<10
CC20600		0.58	2.2	1.91	146	<10	100	<0.5	2	0.05	<0.5	34	20	2140	13.05	<10
CC20601		0.14	0.8	1.18	15	<10	110	<0.5	<2	0.16	<0.5	5	21	37	2.15	<10
CC20602		0.24	0.2	1.08	15	<10	120	<0.5	<2	0.12	<0.5	6	18	36	2.12	<10
CC20603		0.38	0.4	1.38	19	<10	170	0.5	<2	0.32	<0.5	12	22	40	2.87	<10
CC20604		0.30	0.3	0.99	19	<10	70	<0.5	<2	0.11	<0.5	5	17	31	2.31	<10
CC20605		0.24	0.5	0.68	2	<10	140	<0.5	<2	0.24	<0.5	3	10	8	0.68	<10
CC20606		0.26	0.7	1.34	27	<10	220	<0.5	2	0.33	<0.5	13	20	38	2.88	<10
CC20607		0.32	0.6	1.34	16	<10	180	<0.5	<2	0.44	<0.5	9	20	28	2.47	<10
CC20608		0.28	0.4	0.94	31	<10	220	<0.5	<2	0.28	<0.5	6	16	28	2.20	<10
CC20609		0.38	0.4	1.00	24	<10	200	<0.5	<2	0.17	0.8	11	19	42	2.43	<10
CC20610		0.24	0.2	1.07	20	<10	360	<0.5	<2	0.36	0.5	8	21	47	2.51	<10
CC20611		0.24	<0.2	1.50	20	<10	260	0.6	<2	0.21	3.9	10	21	1090	2.84	<10
CC20612		0.12	0.7	1.22	29	<10	230	<0.5	<2	0.34	3.9	9	21	155	3.10	<10
CC20613		0.34	0.3	0.78	23	<10	80	<0.5	<2	0.18	1.1	9	15	58	2.41	<10
CC20614		0.32	0.2	1.03	29	<10	100	<0.5	<2	0.11	0.5	8	18	44	2.76	<10
CC20615		0.44	<0.2	0.78	12	<10	60	<0.5	<2	0.10	<0.5	6	14	26	1.85	<10
CC20616		0.26	0.3	0.71	18	<10	70	<0.5	<2	0.07	<0.5	8	14	26	2.52	<10
CC20617		0.16	0.2	0.71	19	<10	60	<0.5	<2	0.09	<0.5	9	14	23	2.56	<10
CC20618		0.32	0.2	1.23	20	<10	110	<0.5	<2	0.17	0.5	12	20	49	2.76	<10
CC20619		0.24	0.2	0.97	15	<10	120	<0.5	<2	0.09	<0.5	4	18	23	1.98	<10
CC20620		0.34	<0.2	1.10	16	<10	90	<0.5	<2	0.13	<0.5	6	20	33	2.51	<10

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07077538

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20
CC20581		<1	0.03	10	0.26	312	1	<0.01	32	1000	29	0.04	3	2	16	<20
CC20582		<1	0.02	10	0.16	72	1	<0.01	11	490	11	0.03	2	<1	5	<20
CC20583		<1	0.02	10	0.20	89	1	<0.01	10	320	15	0.02	2	1	5	<20
CC20584		<1	0.03	10	0.13	62	1	<0.01	7	460	11	0.04	<2	<1	8	<20
CC20585		<1	0.03	10	0.20	90	2	<0.01	10	590	13	0.04	2	<1	8	<20
CC20586		<1	0.02	10	0.21	91	1	<0.01	12	490	13	0.04	3	<1	8	<20
CC20587		<1	0.03	10	0.38	432	2	<0.01	34	680	15	0.03	2	3	12	<20
CC20588		<1	0.04	10	0.37	162	2	<0.01	23	880	57	0.07	2	1	12	<20
CC20589		<1	0.04	10	0.33	314	3	<0.01	29	720	415	0.04	4	3	10	<20
CC20590		<1	0.03	10	0.16	67	2	<0.01	7	720	22	0.05	3	<1	7	<20
CC20591		<1	0.03	10	0.27	119	1	<0.01	26	640	12	0.02	3	2	8	<20
CC20592		<1	0.03	10	0.31	180	1	<0.01	15	650	13	0.02	3	2	10	<20
CC20593		<1	0.03	10	0.30	127	1	<0.01	22	640	16	0.02	4	2	9	<20
CC20594		<1	0.04	10	0.29	267	2	<0.01	17	670	19	0.04	2	1	9	<20
CC20595		<1	0.03	10	0.11	81	2	<0.01	8	370	14	0.04	2	1	7	<20
CC20596		<1	0.02	10	0.05	20	1	<0.01	4	300	7	0.02	2	<1	8	<20
CC20597		<1	0.04	10	0.41	242	1	<0.01	44	840	14	0.05	2	2	18	<20
CC20598		1	0.04	30	0.28	1305	1	<0.01	81	2510	16	0.21	<2	6	29	<20
CC20599		<1	0.02	10	0.20	191	4	<0.01	41	1480	212	0.03	11	3	10	<20
CC20600		1	0.04	10	0.25	316	3	<0.01	22	860	807	0.15	5	5	8	<20
CC20601		<1	0.03	10	0.26	105	2	<0.01	23	1040	19	0.06	2	1	10	<20
CC20602		<1	0.03	10	0.20	217	1	<0.01	23	970	18	0.05	3	2	8	<20
CC20603		<1	0.04	10	0.36	375	1	<0.01	47	790	25	0.04	4	2	15	<20
CC20604		<1	0.03	10	0.26	140	1	<0.01	25	700	20	0.03	4	2	8	<20
CC20605		<1	0.02	10	0.08	83	<1	<0.01	8	390	8	0.03	2	<1	10	<20
CC20606		<1	0.05	10	0.26	405	2	<0.01	38	1120	25	0.06	4	2	14	<20
CC20607		<1	0.04	10	0.33	220	1	<0.01	27	880	20	0.05	2	3	16	<20
CC20608		<1	0.02	10	0.30	246	2	<0.01	22	720	27	0.04	3	2	17	<20
CC20609		<1	0.02	10	0.29	356	4	<0.01	27	840	43	0.03	5	2	13	<20
CC20610		<1	0.04	10	0.35	209	2	<0.01	25	990	37	0.04	3	3	20	<20
CC20611		<1	0.04	10	0.38	374	1	<0.01	55	1050	60	0.05	3	3	15	<20
CC20612		<1	0.04	10	0.39	270	2	<0.01	71	1050	26	0.05	6	3	21	<20
CC20613		<1	0.02	10	0.26	241	1	<0.01	35	780	22	0.02	5	2	11	<20
CC20614		<1	0.03	10	0.28	206	2	<0.01	24	720	26	0.03	6	1	9	<20
CC20615		<1	0.02	10	0.23	175	1	<0.01	18	590	14	0.02	3	1	8	<20
CC20616		<1	0.02	10	0.22	252	2	<0.01	19	820	22	0.05	3	1	7	<20
CC20617		<1	0.02	10	0.24	367	2	<0.01	20	690	27	0.03	2	1	7	<20
CC20618		<1	0.04	10	0.37	278	1	<0.01	37	810	36	0.02	5	2	13	<20
CC20619		<1	0.03	10	0.29	105	1	<0.01	18	570	17	0.03	3	2	9	<20
CC20620		<1	0.03	10	0.37	177	2	<0.01	23	670	24	0.02	4	2	10	<20

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

Project: MARG

Finalized D...: 27-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077538

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC20581		0.01	<10	<10	26	<10	390
CC20582		0.02	<10	<10	26	<10	62
CC20583		0.03	<10	<10	29	<10	56
CC20584		0.02	<10	<10	47	<10	40
CC20585		0.02	<10	<10	46	<10	52
CC20586		0.03	<10	<10	44	<10	80
CC20587		0.03	<10	<10	42	<10	1450
CC20588		0.03	<10	<10	48	<10	441
CC20589		0.04	<10	<10	46	<10	510
CC20590		0.02	<10	<10	59	<10	39
CC20591		0.02	<10	<10	29	<10	83
CC20592		0.02	<10	<10	34	<10	67
CC20593		0.02	<10	<10	30	<10	94
CC20594		0.04	<10	<10	55	<10	92
CC20595		0.06	<10	<10	69	<10	35
CC20596		0.02	<10	<10	27	<10	33
CC20597		0.03	<10	<10	43	<10	1085
CC20598		0.02	<10	10	28	<10	2220
CC20599		0.02	<10	10	26	<10	2360
CC20600		0.04	<10	10	40	<10	1880
CC20601		0.01	<10	<10	34	<10	81
CC20602		0.01	<10	<10	33	<10	73
CC20603		0.02	<10	<10	39	<10	127
CC20604		0.02	<10	<10	29	<10	78
CC20605		0.01	<10	<10	19	<10	20
CC20606		0.01	<10	<10	34	<10	105
CC20607		0.01	<10	<10	34	<10	110
CC20608		0.01	<10	<10	27	<10	163
CC20609		0.02	<10	<10	29	<10	188
CC20610		0.02	<10	<10	31	<10	182
CC20611		0.02	<10	<10	37	<10	2110
CC20612		0.02	<10	<10	32	<10	1670
CC20613		0.02	<10	<10	23	<10	515
CC20614		0.02	<10	<10	33	<10	275
CC20615		0.02	<10	<10	25	<10	171
CC20616		0.01	<10	<10	23	<10	119
CC20617		0.01	<10	<10	21	<10	117
CC20618		0.03	<10	<10	36	<10	143
CC20619		0.02	<10	<10	33	<10	75
CC20620		0.03	<10	<10	34	<10	105

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07077538

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
CC20621		0.30	<0.2	0.94	14	<10	60	<0.5	<2	0.08	<0.5	5	16	16	1.84	<10
CC20622		0.04	0.2	1.71	21	<10	160	<0.5	<2	0.06	<0.5	7	29	26	3.73	10
CC20623		0.40	<0.2	0.91	18	<10	120	<0.5	<2	0.21	0.9	14	16	57	2.47	<10
CC20624		0.20	0.2	1.32	19	<10	60	<0.5	<2	0.10	0.6	20	21	47	3.45	<10
CC20625		0.32	0.3	0.85	14	<10	110	<0.5	<2	0.17	0.9	4	15	37	1.79	<10
CC20626		0.22	0.7	0.99	18	<10	170	<0.5	<2	0.15	3.2	4	18	141	2.43	<10
CC20627		0.14	0.5	1.55	23	<10	60	0.5	<2	0.10	0.7	14	18	1240	2.82	<10
CC20628		0.18	0.4	1.28	31	<10	400	<0.5	3	0.27	2.4	10	22	167	3.29	<10
CC20629		0.28	0.3	1.10	19	<10	80	<0.5	<2	0.18	<0.5	12	16	63	3.34	<10
CC20630		0.20	0.4	1.19	11	<10	60	<0.5	<2	0.06	<0.5	8	22	46	2.92	<10
CC20631		0.26	<0.2	1.17	17	<10	90	<0.5	<2	0.11	0.6	10	22	34	2.50	<10
CC20632		0.26	0.8	1.58	14	<10	100	<0.5	<2	0.18	1.3	16	32	104	3.56	<10
CC20633		0.28	0.2	0.96	10	<10	60	<0.5	<2	0.09	1.2	11	18	91	2.88	<10
CC20634		0.26	1.1	0.84	27	<10	120	<0.5	2	0.12	<0.5	7	20	76	5.05	<10
CC20635		0.32	0.8	1.39	32	<10	100	<0.5	<2	0.18	2.2	22	28	110	5.42	<10
CC20636		0.28	0.9	1.47	19	<10	160	<0.5	2	0.24	0.6	10	32	78	4.05	<10
CC20637		0.34	0.8	1.06	31	<10	110	<0.5	<2	0.14	1.6	12	23	75	4.22	<10
CC20638		0.24	1.1	1.46	38	<10	230	<0.5	2	0.21	0.6	11	32	84	5.27	<10
CC20639		0.26	0.7	1.79	26	<10	230	<0.5	2	0.09	<0.5	11	36	79	4.71	10
CC20640		0.36	0.2	1.48	14	<10	80	<0.5	<2	0.15	0.5	11	28	62	3.13	<10
CC20641		0.34	<0.2	1.46	16	<10	140	<0.5	<2	0.15	0.7	10	29	54	3.34	<10
CC20642		0.30	<0.2	1.35	19	<10	140	<0.5	2	0.08	<0.5	7	26	36	3.39	<10
CC20643		0.28	0.5	1.35	31	<10	110	<0.5	<2	0.06	0.7	8	25	54	3.52	<10
CC20644		0.42	0.6	0.98	26	<10	100	<0.5	<2	0.08	0.7	9	22	57	3.58	<10
CC20645		0.32	0.7	0.91	28	<10	100	<0.5	<2	0.07	1.0	10	21	58	3.53	<10
CC20646		0.32	1.0	1.79	27	<10	140	<0.5	<2	0.18	1.8	24	28	135	5.53	<10
CC20647		0.30	1.0	1.25	29	<10	180	<0.5	<2	0.11	0.6	12	26	111	4.72	<10
CC20648		0.26	1.5	0.95	36	<10	120	<0.5	<2	0.20	2.2	8	16	106	2.70	<10
CC20649		0.18	0.2	1.28	11	<10	60	<0.5	2	0.09	0.5	11	41	82	3.15	10
CC20650		0.26	<0.2	1.86	9	<10	160	<0.5	<2	0.16	0.6	12	31	82	3.63	10
CC20651		0.22	<0.2	1.48	29	<10	160	<0.5	<2	0.06	<0.5	8	22	47	2.96	<10
CC20652		0.08	<0.2	1.49	28	<10	140	<0.5	<2	0.07	<0.5	9	22	42	3.18	10
CC20653		0.26	0.2	1.38	31	<10	140	<0.5	<2	0.06	<0.5	6	24	29	2.95	10
CC20654		0.22	<0.2	1.09	48	<10	80	<0.5	<2	0.13	<0.5	10	21	38	3.45	<10
CC20655		0.16	<0.2	1.22	46	<10	150	<0.5	<2	0.10	0.5	10	23	40	3.47	<10
CC20656		0.10	0.3	0.94	16	<10	130	<0.5	<2	0.04	<0.5	2	15	12	1.59	<10
CC20657		0.14	<0.2	0.81	17	<10	80	<0.5	<2	0.03	<0.5	2	13	9	1.64	<10
CC20658		0.14	0.8	1.55	34	<10	450	<0.5	<2	0.41	0.8	11	20	41	3.62	<10
CC20659		0.24	0.2	1.32	13	<10	80	<0.5	<2	0.05	<0.5	2	21	12	3.65	10
CC20660		0.20	<0.2	1.07	20	<10	130	<0.5	<2	0.07	<0.5	8	18	27	4.25	<10

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

Project: MARG

Finalized Date: 27-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077538

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC20621		<1	0.02	10	0.24	149	1	<0.01	16	560	21	0.02	3	1	7	<20
CC20622		<1	0.05	10	0.42	326	2	<0.01	23	600	20	0.04	2	2	10	<20
CC20623		<1	0.03	10	0.27	354	2	<0.01	36	1120	28	0.04	4	2	16	<20
CC20624		<1	0.02	10	0.25	405	2	<0.01	54	840	25	0.04	3	2	9	<20
CC20625		<1	0.03	10	0.24	151	1	<0.01	23	570	12	0.03	3	1	12	<20
CC20626		<1	0.03	10	0.18	117	2	<0.01	34	630	16	0.05	2	<1	11	<20
CC20627		<1	0.04	20	0.29	520	1	<0.01	37	1250	1230	0.06	3	3	9	<20
CC20628		<1	0.06	10	0.36	446	2	<0.01	32	1130	81	0.05	5	2	20	<20
CC20629		<1	0.03	10	0.30	546	2	<0.01	27	900	11	0.04	2	3	13	<20
CC20630		<1	0.02	10	0.30	275	1	<0.01	23	680	10	0.05	3	1	9	<20
CC20631		<1	0.03	20	0.32	255	1	<0.01	30	910	11	0.04	3	3	12	<20
CC20632		<1	0.03	20	0.58	386	5	<0.01	51	970	14	0.05	3	2	18	<20
CC20633		<1	0.03	10	0.30	259	1	<0.01	33	690	7	0.04	2	2	9	<20
CC20634		<1	0.04	10	0.35	201	9	<0.01	31	1240	36	0.16	5	1	44	<20
CC20635		1	0.03	10	0.57	381	6	<0.01	76	1080	25	0.12	5	3	34	<20
CC20636		<1	0.03	10	0.60	200	5	<0.01	44	1260	19	0.08	2	3	26	<20
CC20637		<1	0.03	10	0.40	249	6	<0.01	48	1020	19	0.06	6	3	21	<20
CC20638		<1	0.04	10	0.55	240	6	<0.01	47	1190	36	0.09	4	3	30	<20
CC20639		<1	0.04	10	0.55	320	5	<0.01	42	1390	27	0.06	3	2	22	<20
CC20640		<1	0.03	20	0.49	279	2	<0.01	35	880	9	0.03	2	3	13	<20
CC20641		<1	0.04	10	0.49	275	3	<0.01	34	810	13	0.05	2	2	16	<20
CC20642		<1	0.03	10	0.43	181	4	<0.01	31	850	12	0.06	3	1	16	<20
CC20643		<1	0.04	10	0.40	209	4	<0.01	36	1010	31	0.06	7	1	16	<20
CC20644		1	0.03	10	0.40	184	8	<0.01	41	950	20	0.07	6	2	27	<20
CC20645		<1	0.03	10	0.38	193	6	<0.01	38	880	22	0.08	5	1	30	<20
CC20646		<1	0.04	10	0.58	443	5	0.01	102	1230	28	0.17	5	3	56	<20
CC20647		<1	0.04	10	0.57	280	9	<0.01	37	1000	23	0.15	5	2	29	<20
CC20648		<1	0.02	10	0.31	192	10	0.01	41	1640	15	0.07	12	1	51	<20
CC20649		<1	0.03	10	0.42	305	2	<0.01	31	1070	7	0.07	2	1	10	<20
CC20650		<1	0.03	20	0.65	391	1	<0.01	36	880	9	0.04	2	3	14	<20
CC20651		<1	0.04	20	0.34	243	2	<0.01	21	850	15	0.04	4	1	12	<20
CC20652		<1	0.04	20	0.34	303	2	<0.01	19	880	18	0.05	5	1	11	<20
CC20653		1	0.04	10	0.35	200	2	<0.01	19	710	14	0.04	4	1	10	<20
CC20654		<1	0.04	20	0.36	312	3	<0.01	25	960	26	0.03	10	2	17	<20
CC20655		<1	0.04	20	0.32	366	4	<0.01	26	920	24	0.04	7	2	15	<20
CC20656		<1	0.03	10	0.16	69	2	<0.01	9	1040	11	0.07	3	<1	9	<20
CC20657		<1	0.03	10	0.16	84	2	<0.01	10	600	7	0.04	3	1	6	<20
CC20658		<1	0.04	10	0.41	394	2	<0.01	31	1400	19	0.08	4	3	25	<20
CC20659		<1	0.03	10	0.22	78	1	<0.01	8	590	13	0.03	<2	1	8	<20
CC20660		<1	0.04	10	0.29	405	2	<0.01	20	710	16	0.04	4	2	12	<20

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

Project: MARG

Finalized D: 27-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077538

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
CC20621		0.01	<10	<10	26	<10	68
CC20622		0.03	<10	<10	63	<10	184
CC20623		0.02	<10	<10	28	<10	312
CC20624		0.03	<10	<10	29	<10	242
CC20625		0.02	<10	<10	31	<10	396
CC20626		0.03	<10	<10	52	<10	669
CC20627		0.02	<10	<10	31	<10	653
CC20628		0.02	<10	<10	37	<10	649
CC20629		0.03	<10	<10	45	<10	88
CC20630		0.03	<10	<10	53	<10	67
CC20631		0.03	<10	<10	37	<10	101
CC20632		0.06	<10	<10	76	<10	287
CC20633		0.04	<10	<10	35	<10	140
CC20634		0.02	<10	<10	41	<10	239
CC20635		0.02	<10	<10	49	<10	382
CC20636		0.01	<10	<10	53	<10	234
CC20637		0.01	<10	<10	43	<10	269
CC20638		0.01	<10	<10	54	<10	248
CC20639		0.01	<10	<10	62	<10	218
CC20640		0.04	<10	<10	49	<10	136
CC20641		0.03	<10	<10	53	<10	150
CC20642		0.02	<10	<10	52	<10	149
CC20643		0.02	<10	<10	48	<10	194
CC20644		0.01	<10	<10	43	<10	216
CC20645		0.01	<10	<10	41	<10	196
CC20646		0.01	<10	<10	47	<10	417
CC20647		0.02	<10	<10	49	<10	281
CC20648		0.01	<10	<10	57	<10	435
CC20649		0.06	<10	<10	64	<10	85
CC20650		0.05	<10	<10	60	<10	138
CC20651		0.02	<10	<10	43	<10	86
CC20652		0.02	<10	<10	44	<10	87
CC20653		0.02	<10	<10	46	<10	83
CC20654		0.03	<10	<10	37	<10	134
CC20655		0.02	<10	<10	37	<10	129
CC20656		0.01	<10	<10	33	<10	36
CC20657		0.01	<10	<10	26	<10	46
CC20658		0.01	<10	<10	40	<10	223
CC20659		0.03	<10	<10	48	<10	38
CC20660		0.03	<10	<10	35	<10	105

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07077538

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC20661		0.20	<0.2	1.26	13	<10	450	<0.5	<2	0.35	<0.5	6	17	21	2.52	<10
CC20662		0.18	0.5	1.54	18	<10	620	<0.5	<2	0.48	<0.5	11	18	42	3.17	<10
CC20663		0.28	0.2	1.34	15	<10	140	<0.5	<2	0.08	<0.5	7	16	28	3.67	<10
CC20664		0.24	0.2	0.75	15	<10	70	<0.5	<2	0.03	<0.5	1	10	9	1.47	<10
CC20665		0.12	0.4	0.50	8	<10	210	<0.5	<2	0.20	0.9	2	12	13	1.23	<10
CC20666		0.18	0.2	0.81	16	<10	60	<0.5	<2	0.04	<0.5	2	12	11	1.96	<10
CC20667		0.18	0.4	1.24	24	<10	260	<0.5	<2	0.35	0.6	6	19	25	2.90	<10
CC20668		0.22	0.6	1.46	33	<10	400	<0.5	<2	0.29	0.9	12	20	40	3.49	<10
CC20669		0.20	0.2	1.22	26	<10	130	<0.5	<2	0.14	0.6	9	24	47	3.53	<10
CC20670		0.28	<0.2	1.35	19	<10	120	<0.5	<2	0.07	<0.5	5	18	19	2.89	10
CC20671		0.20	0.3	0.84	23	<10	160	<0.5	<2	0.06	0.5	4	14	18	1.96	<10
CC20672		0.24	0.4	1.20	27	<10	120	<0.5	<2	0.09	<0.5	6	20	30	2.73	<10
CC20673		0.34	<0.2	1.09	16	<10	110	<0.5	<2	0.05	<0.5	3	17	18	1.86	<10
CC20674		0.40	<0.2	1.39	27	<10	140	<0.5	<2	0.08	<0.5	8	20	45	2.96	<10
CC20675		0.50	0.2	1.65	37	<10	160	<0.5	2	0.07	<0.5	10	25	40	3.59	<10
CC20676		0.34	<0.2	1.33	33	<10	140	<0.5	<2	0.10	<0.5	5	21	38	2.98	<10
CC20677		0.30	0.2	1.41	26	<10	110	<0.5	<2	0.07	<0.5	6	23	39	3.09	<10
CC20678		0.24	0.6	1.46	26	<10	130	<0.5	2	0.10	<0.5	7	23	47	3.01	<10
CC20679		0.12	1.3	1.03	120	<10	100	<0.5	<2	0.06	2.9	11	24	97	5.49	<10
CC20680		0.30	0.6	0.70	76	<10	80	<0.5	2	0.16	3.8	13	20	109	4.45	<10
CC20681		0.26	0.2	0.80	30	<10	200	<0.5	<2	0.11	<0.5	8	5	34	3.56	<10
CC20682		0.20	<0.2	0.54	24	<10	140	<0.5	2	0.15	<0.5	6	3	20	2.79	<10
CC20683		0.34	0.4	0.93	59	<10	230	<0.5	2	0.14	1.8	11	15	84	4.14	<10
CC20684		0.34	0.6	1.25	53	<10	180	<0.5	2	0.13	<0.5	6	18	38	4.12	<10
CC20685		0.16	<0.2	0.63	38	<10	210	<0.5	<2	0.69	<0.5	4	5	13	2.02	<10
CC20686		0.24	0.3	0.87	37	<10	110	<0.5	2	0.17	<0.5	4	6	14	2.83	<10
CC20687		0.26	0.6	0.54	96	<10	250	<0.5	<2	0.13	<0.5	3	3	21	3.57	<10
CC20688		0.20	0.7	1.33	34	<10	110	<0.5	<2	0.14	<0.5	7	24	64	4.25	<10
CC20689		0.18	0.7	1.07	49	<10	50	<0.5	2	0.08	<0.5	12	21	57	3.65	<10
CC20690		0.28	0.7	1.06	43	<10	60	<0.5	<2	0.13	<0.5	14	22	46	3.52	<10
CC20691		0.44	0.7	1.00	39	<10	70	<0.5	2	0.05	<0.5	4	20	62	4.97	<10
CC20692		0.56	0.8	1.04	49	<10	40	<0.5	<2	0.10	<0.5	12	21	56	3.78	<10
CC20693		0.60	0.8	1.01	50	<10	40	<0.5	<2	0.10	<0.5	11	20	67	4.96	<10
CC20694		0.50	1.0	1.37	54	<10	50	<0.5	<2	0.21	<0.5	23	20	106	4.46	<10
CC20695		0.48	0.3	1.67	34	<10	80	<0.5	<2	0.31	<0.5	31	19	109	4.84	<10
CC20701		0.28	0.7	1.18	8	<10	60	<0.5	2	0.06	<0.5	7	19	35	2.71	<10
CC20702		0.30	0.2	2.48	20	<10	120	<0.5	<2	0.27	<0.5	30	21	120	5.28	10
CC20703		0.30	0.3	0.97	9	<10	60	<0.5	<2	0.07	<0.5	8	17	25	2.12	<10
CC20704		0.30	0.5	1.28	11	<10	70	<0.5	2	0.11	<0.5	9	20	42	2.90	<10
CC20705		0.32	0.3	1.88	9	<10	160	<0.5	<2	0.29	0.6	20	36	148	3.86	<10

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

Project: MARG

Finalized L .: 27-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077538

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20
CC20661		<1	0.04	10	0.35	283	1	<0.01	17	850	13	0.06	2	2	23	<20
CC20662		1	0.06	20	0.38	546	2	<0.01	30	1230	19	0.07	4	2	35	<20
CC20663		<1	0.04	10	0.35	296	2	<0.01	15	810	19	0.04	3	2	12	<20
CC20664		<1	0.02	10	0.10	37	1	<0.01	5	790	8	0.05	3	<1	7	<20
CC20665		1	0.03	10	0.07	45	4	<0.01	7	1340	9	0.16	2	1	17	<20
CC20666		<1	0.02	10	0.15	82	2	<0.01	8	470	11	0.03	3	1	7	<20
CC20667		<1	0.04	10	0.36	268	2	<0.01	17	1060	17	0.07	5	2	22	<20
CC20668		<1	0.04	10	0.37	460	2	<0.01	26	1350	17	0.07	4	2	20	<20
CC20669		<1	0.03	10	0.41	268	2	<0.01	28	860	16	0.04	6	2	13	<20
CC20670		<1	0.03	10	0.26	128	1	<0.01	13	770	12	0.04	4	1	9	<20
CC20671		<1	0.05	10	0.12	177	3	<0.01	11	1210	12	0.07	3	<1	12	<20
CC20672		<1	0.04	10	0.30	263	2	<0.01	18	800	16	0.04	5	1	11	<20
CC20673		<1	0.03	10	0.21	85	1	<0.01	9	690	11	0.04	3	<1	9	<20
CC20674		<1	0.04	20	0.34	241	2	<0.01	20	800	16	0.03	5	1	12	<20
CC20675		<1	0.06	20	0.40	395	2	<0.01	25	870	22	0.04	5	2	13	<20
CC20676		<1	0.04	10	0.32	190	2	<0.01	17	760	18	0.05	5	1	12	<20
CC20677		<1	0.03	20	0.40	209	2	<0.01	19	830	18	0.04	5	1	11	<20
CC20678		<1	0.04	20	0.39	245	2	<0.01	22	920	18	0.07	3	1	13	<20
CC20679		<1	0.03	10	0.38	167	12	<0.01	51	1550	18	0.08	23	2	13	<20
CC20680		<1	0.02	10	0.31	216	7	<0.01	55	1290	9	0.04	11	3	10	<20
CC20681		<1	0.04	20	0.24	412	3	<0.01	11	1000	51	0.03	3	2	11	<20
CC20682		<1	0.03	20	0.16	323	1	<0.01	7	1080	40	0.03	<2	1	13	<20
CC20683		1	0.03	20	0.33	266	5	0.01	26	1320	35	0.03	6	3	13	<20
CC20684		<1	0.04	10	0.37	182	4	0.01	21	1190	40	0.04	9	2	11	<20
CC20685		<1	0.07	10	0.20	466	1	0.01	7	970	41	0.11	3	1	37	<20
CC20686		<1	0.05	20	0.30	255	1	<0.01	11	1050	49	0.05	<2	2	16	<20
CC20687		<1	0.10	20	0.12	122	4	0.02	15	1310	199	0.20	36	1	34	<20
CC20688		<1	0.03	10	0.52	173	6	0.01	38	1140	23	0.03	9	2	10	<20
CC20689		<1	0.02	10	0.23	217	3	0.01	29	1280	23	0.05	15	3	11	<20
CC20690		<1	0.02	10	0.29	301	2	0.01	35	1110	19	0.04	11	3	8	<20
CC20691		<1	0.02	10	0.37	111	8	0.01	34	1100	27	0.06	9	2	11	<20
CC20692		1	0.02	10	0.23	232	3	0.01	33	1460	26	0.05	15	3	11	<20
CC20693		<1	0.02	10	0.35	199	5	0.01	43	1270	28	0.05	12	3	10	<20
CC20694		<1	0.02	10	0.51	411	3	0.01	58	1260	24	0.05	13	4	10	<20
CC20695		<1	0.02	10	0.79	516	2	0.01	67	1370	22	0.04	10	4	9	<20
CC20701		<1	0.03	30	0.24	193	2	0.01	32	970	17	0.04	2	1	10	<20
CC20702		<1	0.03	20	1.17	906	1	0.01	77	1400	14	0.02	<2	8	15	<20
CC20703		<1	0.03	20	0.24	428	1	0.01	22	880	13	0.02	2	2	8	<20
CC20704		<1	0.02	30	0.36	193	1	0.01	38	920	10	0.02	2	2	11	<20
CC20705		<1	0.02	20	0.87	460	2	0.01	51	1060	11	0.02	3	3	17	<20

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

Project: MARG

Finalized Date: 27-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077538

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC20661		0.02	<10	<10	38	<10	84
CC20662		0.01	<10	<10	33	<10	113
CC20663		0.01	<10	<10	27	<10	85
CC20664		0.01	<10	<10	23	<10	21
CC20665		0.01	<10	<10	19	<10	25
CC20666		0.02	<10	<10	28	<10	42
CC20667		0.02	<10	<10	39	<10	105
CC20668		0.02	<10	<10	40	<10	156
CC20669		0.03	<10	<10	43	<10	108
CC20670		0.02	<10	<10	50	<10	66
CC20671		0.01	<10	<10	38	<10	70
CC20672		0.02	<10	<10	40	<10	85
CC20673		0.02	<10	<10	35	<10	41
CC20674		0.02	<10	<10	40	<10	93
CC20675		0.03	<10	<10	47	<10	121
CC20676		0.02	<10	<10	44	<10	77
CC20677		0.03	<10	<10	46	<10	85
CC20678		0.03	<10	<10	46	<10	88
CC20679		<0.01	<10	<10	44	<10	462
CC20680		<0.01	<10	<10	39	<10	498
CC20681		0.01	<10	<10	10	<10	102
CC20682		0.01	<10	<10	7	<10	82
CC20683		<0.01	<10	<10	31	<10	243
CC20684		0.01	<10	<10	34	<10	122
CC20685		0.01	<10	<10	9	<10	78
CC20686		0.01	<10	<10	13	<10	123
CC20687		<0.01	<10	<10	9	<10	214
CC20688		<0.01	<10	<10	46	<10	170
CC20689		<0.01	<10	<10	32	<10	64
CC20690		<0.01	<10	<10	33	<10	74
CC20691		<0.01	<10	<10	37	<10	245
CC20692		<0.01	<10	<10	32	<10	75
CC20693		<0.01	<10	<10	34	<10	156
CC20694		0.01	<10	<10	39	<10	111
CC20695		0.01	<10	<10	51	<10	116
CC20701		0.01	<10	<10	30	<10	118
CC20702		0.02	<10	<10	92	<10	175
CC20703		0.02	<10	<10	28	<10	89
CC20704		0.02	<10	<10	31	<10	112
CC20705		0.05	<10	<10	67	<10	233

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07077538

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
CC20706		0.26	0.5	1.52	10	<10	110	<0.5	<2	0.14	0.7	7	26	54	3.26	10
CC20707		0.28	1.0	2.97	25	<10	210	<0.5	<2	0.33	2.9	42	55	218	5.82	10
CC20708		0.28	1.6	1.27	15	<10	180	<0.5	<2	0.22	1.1	8	24	99	4.72	<10
CC20709		0.30	0.9	1.51	22	<10	200	<0.5	<2	0.17	0.9	9	32	118	4.51	<10
CC20710		0.28	0.9	1.58	35	<10	150	<0.5	<2	0.10	0.7	13	32	75	4.81	10
CC20711		0.54	0.4	1.36	51	<10	70	<0.5	2	0.12	0.7	12	24	37	3.10	<10
CC20712		0.34	0.2	1.10	22	<10	60	<0.5	2	0.18	<0.5	8	20	29	2.42	<10
CC20713		0.36	0.4	1.30	19	<10	80	<0.5	<2	0.15	<0.5	10	22	45	2.71	<10
CC20714		0.42	0.3	1.18	24	<10	80	<0.5	<2	0.18	0.8	14	22	68	3.15	<10
CC20715		0.36	0.5	1.05	48	<10	40	<0.5	<2	0.02	<0.5	7	21	31	3.15	<10
CC20716		0.36	0.4	0.91	27	<10	80	<0.5	<2	0.26	<0.5	10	14	32	2.16	<10
CC20717		0.20	0.6	0.96	17	<10	70	<0.5	<2	0.05	<0.5	2	17	12	2.57	10
CC20718		0.22	0.6	1.51	22	<10	230	<0.5	<2	0.28	<0.5	16	22	26	2.72	<10
CC20719		0.24	0.2	1.41	17	<10	170	<0.5	<2	0.17	<0.5	7	19	25	2.38	<10
CC20720		0.24	0.5	1.05	12	<10	140	<0.5	2	0.32	<0.5	4	15	17	1.79	<10
CC20721		0.18	0.5	1.06	14	<10	140	<0.5	<2	0.22	<0.5	3	17	18	1.77	<10
CC20723		0.26	0.3	1.65	11	<10	130	<0.5	<2	0.19	1.2	12	35	68	3.70	<10
CC20724		0.20	0.4	2.07	21	<10	250	0.5	3	0.45	1.3	12	35	63	5.06	10
CC20725		0.26	0.6	1.69	15	<10	410	<0.5	<2	0.13	<0.5	16	30	91	3.54	<10
CC20726		0.38	<0.2	1.21	36	<10	130	<0.5	<2	0.09	<0.5	7	23	49	3.68	<10
CC20727		0.24	0.6	0.93	38	<10	90	<0.5	<2	0.05	<0.5	8	19	52	3.62	<10
CC20728		0.40	0.3	1.03	25	<10	110	<0.5	<2	0.13	<0.5	5	19	35	2.62	<10
CC20729		0.24	0.2	1.02	25	<10	120	<0.5	<2	0.16	<0.5	6	17	48	2.88	<10
CC20730		0.26	0.8	1.24	29	<10	90	<0.5	<2	0.10	<0.5	5	22	101	3.18	<10
CC20731		0.26	0.2	1.14	21	<10	120	<0.5	<2	0.10	<0.5	7	18	47	3.10	10
CC20732		0.32	0.5	0.90	25	<10	140	<0.5	2	0.12	0.5	7	14	42	3.11	<10
CC20733		0.30	0.6	0.94	16	<10	110	<0.5	2	0.11	1.0	6	14	26	2.82	<10
CC20734		0.20	0.7	1.17	19	<10	200	<0.5	2	0.16	1.1	7	17	35	2.57	<10
CC20735		0.26	0.6	0.98	15	<10	220	<0.5	<2	0.21	<0.5	5	15	35	2.55	<10
CC20736		0.28	0.6	1.26	15	<10	300	<0.5	<2	0.34	0.5	8	17	39	3.00	<10
CC20737		0.28	0.7	1.11	9	<10	190	<0.5	<2	0.14	0.5	4	16	33	2.02	<10
CC20738		0.22	0.3	1.36	17	<10	370	<0.5	<2	0.36	<0.5	9	17	37	2.81	<10
CC20739		0.26	0.2	1.19	13	<10	210	<0.5	<2	0.21	<0.5	6	16	33	2.50	<10
CC20740		0.24	0.6	1.22	10	<10	310	<0.5	2	0.28	<0.5	4	15	28	2.20	<10
CC20741		0.22	<0.2	1.16	10	<10	350	<0.5	2	0.39	<0.5	7	15	28	2.53	<10
CC20742		0.24	0.2	1.27	17	<10	260	<0.5	2	0.18	<0.5	10	17	32	3.01	<10
CC20743		0.28	0.5	1.20	16	<10	270	<0.5	<2	0.31	<0.5	9	17	38	2.76	<10
CC20744		0.44	0.3	1.05	9	<10	620	<0.5	2	0.22	0.8	13	25	53	2.96	<10
CC20745		0.34	0.6	1.11	16	<10	280	<0.5	<2	0.38	3.9	13	19	45	2.94	<10
CC20746		0.32	0.5	0.84	20	<10	130	<0.5	<2	0.23	2.1	8	15	40	3.14	<10

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07077538

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20
CC20706		<1	0.03	30	0.39	242	1	0.01	34	1000	18	0.03	3	2	15	<20
CC20707		1	0.02	10	1.59	1010	4	0.01	93	1470	10	0.03	2	8	23	<20
CC20708		<1	0.07	10	0.51	232	8	0.02	37	1170	25	0.25	10	2	54	<20
CC20709		<1	0.03	10	0.73	279	7	0.01	45	920	20	0.09	4	2	27	<20
CC20710		<1	0.04	10	0.55	323	5	0.01	55	1100	25	0.07	2	2	33	<20
CC20711		<1	0.03	20	0.31	280	1	0.01	39	1230	15	0.03	13	3	13	<20
CC20712		<1	0.03	10	0.28	206	1	0.01	30	1070	10	0.02	4	2	13	<20
CC20713		<1	0.04	20	0.37	365	1	0.01	32	920	11	0.01	4	3	12	<20
CC20714		<1	0.03	20	0.31	233	2	0.01	48	1030	15	0.05	6	3	13	<20
CC20715		<1	0.02	10	0.10	179	3	0.01	18	1110	23	0.05	17	2	8	<20
CC20716		1	0.02	10	0.25	144	1	<0.01	28	540	10	0.02	4	2	8	<20
CC20717		<1	0.03	10	0.14	104	1	0.01	9	520	14	0.04	<2	<1	8	<20
CC20718		<1	0.04	10	0.34	1025	1	0.01	25	1350	19	0.05	4	2	13	<20
CC20719		<1	0.03	10	0.31	232	1	0.01	18	1020	16	0.05	3	2	10	<20
CC20720		<1	0.03	10	0.27	145	1	0.01	14	640	11	0.04	2	2	12	<20
CC20721		<1	0.02	10	0.29	70	<1	0.01	12	670	24	0.04	<2	1	11	<20
CC20723		<1	0.04	10	0.65	402	3	0.01	44	870	12	0.04	3	2	16	<20
CC20724		<1	0.06	10	0.58	441	3	0.01	47	1600	18	0.07	<2	2	25	<20
CC20725		<1	0.03	20	0.57	463	3	<0.01	40	1020	12	0.02	3	2	11	<20
CC20726		<1	0.04	20	0.42	235	2	0.01	29	890	19	0.02	5	2	12	<20
CC20727		<1	0.04	10	0.32	287	2	<0.01	26	740	18	0.02	7	2	8	<20
CC20728		<1	0.03	10	0.34	130	1	<0.01	20	870	13	0.01	4	2	11	<20
CC20729		<1	0.03	20	0.35	179	2	<0.01	24	920	14	0.02	5	2	13	<20
CC20730		<1	0.04	20	0.35	183	2	<0.01	25	920	15	0.03	6	2	11	<20
CC20731		<1	0.04	10	0.34	141	3	0.01	27	980	13	0.03	4	2	10	<20
CC20732		<1	0.04	10	0.30	227	2	<0.01	27	860	15	0.01	7	2	11	<20
CC20733		<1	0.04	10	0.22	314	2	<0.01	24	870	17	0.03	4	1	12	<20
CC20734		<1	0.05	10	0.30	218	3	0.01	24	990	15	0.05	2	2	13	<20
CC20735		<1	0.04	10	0.31	202	2	<0.01	25	890	15	0.03	<2	2	16	<20
CC20736		<1	0.05	10	0.38	407	2	0.01	26	1120	18	0.04	<2	2	20	<20
CC20737		<1	0.04	10	0.22	151	2	0.01	17	1200	13	0.05	<2	2	12	<20
CC20738		<1	0.04	10	0.39	381	1	0.01	22	980	18	0.04	2	2	25	<20
CC20739		<1	0.05	10	0.36	254	2	0.01	23	910	14	0.03	2	2	15	<20
CC20740		<1	0.05	10	0.33	131	1	<0.01	21	890	14	0.04	2	2	19	<20
CC20741		<1	0.05	10	0.32	406	1	0.01	23	880	14	0.03	2	2	27	<20
CC20742		<1	0.05	10	0.36	437	2	0.01	26	810	22	0.03	2	2	14	<20
CC20743		<1	0.04	10	0.36	301	1	0.01	26	830	24	0.03	2	3	23	<20
CC20744		<1	0.07	20	0.45	552	1	0.01	56	810	22	0.02	<2	4	19	<20
CC20745		<1	0.05	10	0.43	524	1	0.01	57	930	17	0.03	3	3	22	<20
CC20746		<1	0.04	10	0.28	232	3	0.01	46	850	15	0.02	3	2	16	<20

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

Project: MARG

Finalized L .: 27-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077538

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
CC20706		0.02	<10	<10	41	<10	174
CC20707		0.04	<10	<10	141	<10	499
CC20708		0.01	<10	<10	46	<10	284
CC20709		0.03	<10	10	59	<10	322
CC20710		0.02	<10	<10	60	<10	269
CC20711		0.03	<10	<10	43	<10	129
CC20712		0.03	<10	<10	36	<10	105
CC20713		0.04	<10	<10	41	<10	102
CC20714		0.01	<10	<10	33	<10	155
CC20715		<0.01	<10	<10	26	<10	41
CC20716		0.01	<10	<10	22	<10	75
CC20717		0.03	<10	<10	53	<10	37
CC20718		0.02	<10	<10	43	<10	95
CC20719		0.02	<10	<10	35	<10	80
CC20720		0.02	<10	<10	29	<10	66
CC20721		0.02	<10	<10	40	<10	53
CC20723		0.02	<10	<10	54	<10	223
CC20724		0.02	<10	<10	65	<10	251
CC20725		0.04	<10	<10	59	<10	171
CC20726		0.02	<10	<10	40	<10	121
CC20727		0.02	<10	<10	39	<10	126
CC20728		0.02	<10	<10	32	<10	73
CC20729		0.02	<10	<10	31	<10	98
CC20730		0.02	<10	<10	41	<10	90
CC20731		0.01	<10	<10	35	<10	128
CC20732		0.01	<10	<10	28	<10	175
CC20733		0.02	<10	<10	35	<10	157
CC20734		0.02	<10	<10	40	<10	166
CC20735		0.01	<10	<10	31	<10	133
CC20736		0.01	<10	<10	36	<10	166
CC20737		0.01	<10	<10	31	<10	93
CC20738		0.02	<10	<10	37	<10	131
CC20739		0.02	<10	<10	32	<10	124
CC20740		0.01	<10	<10	31	<10	111
CC20741		0.02	<10	<10	29	<10	115
CC20742		0.01	<10	<10	33	<10	127
CC20743		0.02	<10	<10	33	<10	138
CC20744		0.03	<10	<10	33	<10	191
CC20745		0.02	<10	<10	34	<10	342
CC20746		0.01	<10	<10	28	<10	310

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

Project: MARG

Finalized L : 27-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077538

Method / Analyte / Units / LOR — Sample Description	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
CC20747	0.34	0.3	0.82	15	<10	310	<0.5	<2	0.27	2.4	10	15	41	2.78	<10
CC20748	0.14	0.4	0.97	24	<10	200	<0.5	<2	0.28	4.2	15	15	48	3.08	<10
CC20749	0.30	0.3	1.39	25	<10	150	<0.5	<2	0.12	<0.5	7	22	54	3.27	<10
CC20750	0.20	0.3	1.32	29	<10	200	<0.5	2	0.10	<0.5	9	21	45	3.62	<10
CC20751	0.50	0.2	1.10	10	<10	70	<0.5	2	0.30	<0.5	9	16	23	4.03	<10
CC20752	0.42	0.2	1.03	5	<10	60	<0.5	<2	0.40	<0.5	8	15	18	2.99	<10
CC20753	0.46	<0.2	1.25	18	<10	60	<0.5	2	0.04	<0.5	17	18	60	4.38	<10
CC20754	0.46	0.3	1.14	11	<10	120	<0.5	3	0.36	<0.5	10	17	46	3.07	<10
CC20755	0.32	0.3	1.22	18	<10	150	<0.5	2	0.62	<0.5	9	19	63	3.22	<10
CC20756	0.40	<0.2	1.37	26	<10	150	<0.5	<2	0.37	<0.5	10	20	64	3.05	<10
CC20757	0.38	0.4	0.97	17	<10	180	<0.5	<2	0.24	<0.5	4	18	22	2.23	<10
CC20758	0.32	0.2	0.98	21	<10	230	<0.5	<2	0.30	<0.5	6	18	39	2.38	<10
CC20759	0.50	0.5	0.91	40	<10	200	<0.5	<2	0.28	<0.5	8	19	48	2.46	<10
CC20760	0.40	0.3	1.08	8	<10	140	<0.5	<2	0.19	<0.5	4	17	11	1.76	<10
CC20761	0.40	0.7	1.50	21	<10	290	<0.5	<2	0.48	0.6	10	21	35	2.78	<10
CC20762	0.42	0.5	1.34	14	<10	230	<0.5	<2	0.33	<0.5	9	19	28	2.34	<10
CC20763	0.40	0.5	1.22	12	<10	220	<0.5	<2	0.28	<0.5	9	20	33	2.38	<10
CC20764	0.06	0.9	1.57	18	<10	250	0.5	<2	0.23	<0.5	7	21	34	2.93	<10
CC20765	0.40	0.6	1.29	24	<10	290	<0.5	<2	0.15	<0.5	7	18	28	3.12	<10
CC20766	0.36	0.4	1.24	28	<10	190	<0.5	<2	0.21	1.3	6	18	28	2.81	<10
CC20767	0.82	1.2	0.88	87	<10	120	<0.5	<2	0.16	2.0	12	14	207	4.48	<10
CC20768	0.64	1.0	0.96	78	<10	50	<0.5	2	0.04	<0.5	6	16	157	4.05	<10
CC20769	0.44	0.8	1.25	18	<10	220	<0.5	<2	0.22	<0.5	5	18	25	2.82	<10
CC20770	0.34	1.2	1.48	21	<10	270	<0.5	<2	0.36	2.7	6	19	34	2.90	<10
CC20771	0.32	0.2	1.08	16	<10	180	<0.5	2	0.28	0.8	8	15	25	2.20	<10
CC20772	0.38	0.7	1.10	30	<10	140	<0.5	<2	0.09	<0.5	4	16	23	2.93	<10
CC20773	0.48	0.6	0.68	36	<10	60	<0.5	<2	0.11	<0.5	3	11	24	2.25	<10
CC20774	0.34	<0.2	0.92	19	<10	80	<0.5	<2	0.16	<0.5	3	13	17	1.96	<10
CC20775	0.28	0.2	1.17	26	<10	130	<0.5	<2	0.33	<0.5	10	18	23	2.65	<10
CC20776	0.26	0.8	1.25	41	<10	150	<0.5	<2	0.27	<0.5	10	19	33	2.73	<10
CC20777	0.24	0.5	1.45	16	<10	230	<0.5	<2	0.32	<0.5	10	22	37	2.30	<10

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

Project: MARG

Finalized : 27-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077538

Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CC20747	<1	0.04	20	0.32	399	2	0.01	42	1090	15	0.01	3	2	21	<20
CC20748	<1	0.04	10	0.32	747	2	0.01	64	910	17	0.02	4	2	18	<20
CC20749	<1	0.04	20	0.41	276	2	0.01	25	890	18	0.02	5	2	10	<20
CC20750	<1	0.04	10	0.42	322	2	<0.01	24	890	18	0.02	6	2	10	<20
CC20751	<1	0.03	10	0.38	328	2	<0.01	26	810	28	0.04	<2	2	14	<20
CC20752	<1	0.02	10	0.36	220	1	<0.01	24	800	17	0.03	2	1	19	<20
CC20753	<1	0.03	20	0.40	742	3	<0.01	34	630	29	0.01	3	2	5	<20
CC20754	1	0.03	10	0.41	125	1	0.01	35	710	65	0.03	2	2	18	<20
CC20755	<1	0.04	10	0.42	252	1	0.01	33	1010	66	0.05	3	2	30	<20
CC20756	<1	0.04	10	0.41	405	1	0.01	29	900	78	0.03	5	3	22	<20
CC20757	1	0.03	10	0.33	177	1	0.01	14	870	46	0.02	2	2	17	<20
CC20758	<1	0.03	10	0.34	279	2	0.01	20	900	45	0.02	3	2	20	<20
CC20759	<1	0.04	10	0.33	284	5	0.01	28	940	59	0.02	3	2	15	<20
CC20760	<1	0.04	10	0.23	79	<1	0.01	16	760	15	0.03	<2	1	10	<20
CC20761	<1	0.05	10	0.38	434	<1	0.01	43	1070	24	0.05	2	3	17	<20
CC20762	<1	0.04	10	0.38	192	<1	0.01	41	760	25	0.03	<2	2	12	<20
CC20763	<1	0.05	10	0.38	257	<1	0.01	38	810	32	0.02	2	3	13	<20
CC20764	<1	0.04	10	0.38	241	1	0.01	36	1350	33	0.06	2	3	12	<20
CC20765	<1	0.03	10	0.35	137	1	0.01	26	1110	46	0.04	2	2	9	<20
CC20766	<1	0.04	10	0.36	189	1	0.01	30	900	57	0.05	3	1	10	<20
CC20767	<1	0.03	10	0.29	224	3	0.01	47	980	223	0.02	13	2	9	<20
CC20768	<1	0.04	10	0.31	169	3	0.01	37	970	236	0.03	14	2	6	<20
CC20769	<1	0.04	10	0.38	123	1	0.01	24	930	21	0.04	<2	2	14	<20
CC20770	<1	0.04	10	0.42	171	1	0.01	37	1550	47	0.08	3	2	13	<20
CC20771	<1	0.04	10	0.32	347	<1	0.01	28	700	33	0.03	2	1	11	<20
CC20772	<1	0.03	10	0.31	101	1	0.01	16	690	60	0.03	4	2	6	<20
CC20773	<1	0.02	10	0.26	90	1	0.01	19	520	30	0.01	2	1	4	<20
CC20774	<1	0.03	10	0.26	102	<1	0.01	17	670	15	0.03	<2	1	6	<20
CC20775	<1	0.04	10	0.32	323	1	0.01	26	990	22	0.03	<2	2	10	<20
CC20776	<1	0.04	10	0.31	376	<1	0.01	41	750	34	0.03	5	1	11	<20
CC20777	<1	0.04	10	0.39	140	<1	0.01	38	760	18	0.03	2	4	14	<20

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

Project: MARG

Finalized Date: 27-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07077538

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
CC20747		0.03	<10	<10	29	<10	262
CC20748		0.02	<10	<10	29	<10	420
CC20749		0.02	<10	<10	40	<10	114
CC20750		0.02	<10	<10	37	<10	102
CC20751		<0.01	<10	<10	14	<10	145
CC20752		<0.01	<10	<10	13	<10	120
CC20753		<0.01	<10	<10	18	<10	177
CC20754		<0.01	<10	<10	17	<10	218
CC20755		0.01	<10	<10	28	<10	171
CC20756		0.02	<10	<10	35	<10	179
CC20757		0.02	<10	<10	33	<10	94
CC20758		0.02	<10	<10	32	<10	113
CC20759		0.02	<10	<10	29	<10	153
CC20760		0.01	<10	<10	34	<10	60
CC20761		0.01	<10	<10	35	<10	142
CC20762		0.01	<10	<10	34	<10	150
CC20763		0.02	<10	<10	33	<10	184
CC20764		0.02	<10	<10	40	<10	164
CC20765		0.01	<10	<10	37	<10	179
CC20766		0.01	<10	<10	37	<10	204
CC20767		0.02	<10	<10	29	<10	387
CC20768		0.02	<10	<10	31	<10	259
CC20769		0.01	<10	<10	38	<10	176
CC20770		0.01	<10	<10	37	<10	339
CC20771		0.01	<10	<10	32	<10	161
CC20772		0.01	<10	<10	36	<10	75
CC20773		0.01	<10	<10	23	<10	95
CC20774		0.02	<10	<10	34	<10	74
CC20775		0.02	<10	<10	33	<10	106
CC20776		0.02	<10	<10	39	<10	82
CC20777		0.02	<10	<10	39	<10	94

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

Finalized D 22-JUL-2007
Ac nt: MARPRO

CERTIFICATE VA07070194

Project: MARG

P.O. No.:

This report is for 22 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 6-JUL-2007.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
BAG-01	Bulk Master for Storage
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

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

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

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07070194

Sample Description	Method	WEI-21	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	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
C487501		1.98	0.13	0.76	52.2	<0.2	<10	100	0.22	0.18	2.44	0.87	32.00	1.0	3	0.39
C487502		0.94	67.10	0.33	3840.0	<0.2	<10	<10	<0.05	220.00	0.44	238.00	7.88	162.5	1	0.22
C487503		3.44	2.08	1.52	210.0	0.2	<10	40	0.14	38.00	2.70	3.95	29.90	23.5	2	0.62
C487504		1.36	21.40	1.38	2610.0	0.2	<10	30	0.08	87.90	0.30	56.60	30.40	28.8	1	0.81
C487505		0.52	0.05	0.28	11	<0.2	<10	20	0.05	0.21	18.95	0.22	4.04	1.6	3	0.13
C487506		2.96	>100	0.45	8710.0	<0.2	<10	10	0.07	219.00	0.30	280.00	6.33	98.8	1	0.30
C487507		1.72	>100	0.45	8640.0	<0.2	<10	10	0.05	167.50	0.05	252.00	7.25	68.1	<1	0.19
C487508		1.60	>100	0.41	8510.0	<0.2	<10	10	<0.05	178.50	0.03	253.00	8.21	72.6	<1	0.18
C487509		1.40	53.00	0.47	1935.0	<0.2	<10	10	0.09	115.00	0.24	129.00	9.69	53.2	5	0.30
C487510		1.30	52.10	0.43	1905.0	<0.2	<10	10	<0.05	112.50	0.30	122.00	10.15	49.9	4	0.27
C487511		1.68	71.60	0.32	5010.0	<0.2	<10	10	<0.05	115.00	0.36	193.50	3.25	58.1	3	0.25
C487512		0.18	64.80	0.64	56.6	0.4	<10	10	0.05	52.20	0.83	78.40	6.78	118.0	28	0.18
C487513		2.64	50.40	0.39	5300.0	0.3	<10	10	0.06	241.00	0.35	124.00	10.25	84.6	7	0.23
C487514		2.28	7.63	0.71	1530.0	<0.2	<10	20	0.09	27.80	0.43	26.90	21.00	17.4	4	0.43
C487515		3.92	51.30	0.34	9670.0	<0.2	<10	10	<0.05	212.00	0.75	226.00	2.53	103.5	<1	0.18
C487516		3.36	40.90	1.14	>10000	0.3	<10	10	0.20	383.00	1.42	96.10	7.66	210.0	<1	0.61
C487517		3.04	1.54	1.45	351.0	<0.2	<10	130	0.16	27.10	4.57	3.15	14.00	29.2	2	0.28
C487518		2.50	4.12	0.63	309.0	<0.2	<10	30	0.34	6.49	1.43	18.15	10.40	11.6	13	0.51
C487519		0.80	56.60	0.39	3680.0	<0.2	<10	10	0.19	75.00	1.37	109.00	3.42	51.8	6	0.34
C487520		0.38	0.12	0.06	9	<0.2	<10	10	0.05	0.37	20.30	0.43	1.53	0.9	2	0.06
C487521		0.20	69.90	0.65	51.9	0.6	<10	10	0.05	53.50	0.85	78.30	6.65	121.5	29	0.17
C487522		3.84	3.17	0.53	199.0	<0.2	<10	60	0.39	2.01	1.64	21.80	7.44	10.3	13	0.58

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

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

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07070194

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	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	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	0.05
C487501		10.0	2.61	2.35	0.06	0.32	0.42	0.066	0.11	16.6	4.3	1.33	157	12.70	0.15	4.45
C487502		>10000	21.00	4.98	0.72	0.31	22.50	1.895	0.10	3.8	4.0	0.27	70	11.50	0.02	1.91
C487503		633.0	7.06	6.34	0.12	0.34	0.59	0.025	0.26	15.1	26.5	2.39	545	6.61	0.07	4.14
C487504		5710.0	7.39	5.33	0.23	0.42	6.27	0.229	0.24	14.8	23.3	1.09	126	10.30	0.05	4.11
C487505		15.8	0.20	0.77	<0.05	0.02	0.02	<0.005	0.03	1.7	3.3	10.65	75	0.14	0.01	0.06
C487506		>10000	21.50	8.70	0.54	0.43	37.00	1.165	0.13	3.4	3.8	0.25	207	10.25	0.03	1.47
C487507		>10000	23.00	16.35	0.54	0.42	39.40	1.345	0.06	4.0	5.7	0.26	96	3.75	0.02	1.38
C487508		>10000	23.70	15.70	0.57	0.40	39.40	1.440	0.06	4.8	5.2	0.23	87	4.62	0.02	1.34
C487509		>10000	16.50	4.97	0.36	0.25	15.15	1.205	0.17	4.8	3.6	0.22	153	14.35	0.02	2.51
C487510		>10000	15.55	4.40	0.33	0.25	14.10	1.130	0.16	5.3	3.2	0.24	137	15.35	0.02	2.22
C487511		>10000	21.40	8.41	0.36	0.23	21.10	0.659	0.10	1.8	2.5	0.25	141	3.48	0.01	0.29
C487512		>10000	30.50	6.47	0.70	0.09	1.12	1.335	0.06	3.3	1.9	1.00	533	11.85	0.01	0.20
C487513		>10000	15.15	3.36	0.35	0.35	10.25	0.611	0.11	5.3	3.1	0.24	151	12.70	0.04	0.35
C487514		2390.0	8.34	3.27	0.13	0.16	2.06	0.049	0.22	9.7	5.6	0.32	140	7.56	0.05	2.22
C487515		>10000	22.80	10.45	0.44	0.27	18.95	1.505	0.07	1.4	3.6	0.45	209	3.64	0.02	0.40
C487516		>10000	22.80	8.43	0.53	0.63	10.75	0.885	0.34	3.6	8.3	0.80	302	38.30	0.11	0.56
C487517		1280.0	4.92	4.77	0.07	0.22	0.55	0.040	0.13	6.6	19.7	3.19	472	7.20	0.03	0.44
C487518		775.0	4.45	2.67	0.13	0.38	3.39	0.076	0.23	5.1	3.3	0.59	209	25.80	0.02	0.53
C487519		>10000	15.90	2.14	0.39	0.30	31.70	0.392	0.14	1.7	2.6	0.65	222	17.35	0.02	0.34
C487520		46.2	0.09	0.17	<0.05	<0.02	0.06	<0.005	0.01	1.1	1.2	10.90	72	0.22	0.01	<0.05
C487521		>10000	31.20	6.77	0.69	0.10	1.22	1.335	0.07	3.3	2.4	1.02	544	11.95	0.01	0.17
C487522		320.0	3.20	1.81	0.12	0.49	1.90	0.047	0.18	3.8	5.0	0.75	182	23.70	0.02	0.16

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

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

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

Project: MARG

Total # es: 2 (A - D)
Finalized D. 22-JUL-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07070194

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	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	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	0.005
C487501		3.8	120	24.5	5.3	0.004	2.60	4.38	0.7	2.0	1.1	203.0	0.02	0.01	11.8	<0.005
C487502		5.3	70	>10000	5.7	0.010	>10.0	264.00	0.3	184.5	17.3	27.4	0.01	5.30	3.1	<0.005
C487503		1.3	30	331.0	14.7	0.001	7.39	16.55	0.7	3.5	0.5	117.0	0.03	3.17	13.0	<0.005
C487504		1.8	20	5020.0	13.2	0.002	8.09	35.90	0.5	47.7	3.7	30.1	0.02	3.11	17.6	<0.005
C487505		5.7	300	10.5	1.4	<0.001	0.08	0.28	1.0	0.4	<0.2	118.0	<0.01	0.03	0.5	<0.005
C487506		10.2	40	>10000	6.8	0.010	>10.0	467.00	0.3	129.5	42.1	22.9	0.01	5.73	3.0	<0.005
C487507		3.8	20	>10000	3.6	0.003	>10.0	801.00	0.4	110.5	71.4	12.4	0.01	2.48	2.4	<0.005
C487508		3.6	30	>10000	3.4	0.003	>10.0	812.00	0.4	114.5	71.2	10.9	0.01	2.59	2.3	<0.005
C487509		13.6	30	>10000	9.2	0.010	>10.0	182.00	0.4	73.4	27.0	16.3	0.01	1.10	4.8	<0.005
C487510		12.9	40	>10000	8.5	0.013	>10.0	257.00	0.4	68.2	25.5	17.9	0.01	1.01	4.4	<0.005
C487511		4.6	10	>10000	6.1	0.002	>10.0	445.00	0.4	57.7	36.8	17.9	<0.01	2.53	1.1	<0.005
C487512		15.4	70	2540.0	2.4	0.001	>10.0	12.60	0.8	60.9	7.0	2.5	<0.01	0.20	0.3	0.009
C487513		4.3	110	>10000	5.8	0.004	>10.0	114.00	0.3	73.2	14.3	22.4	<0.01	7.73	3.1	<0.005
C487514		1.2	20	3950.0	11.6	0.001	8.94	38.40	0.4	12.4	1.6	26.6	0.01	3.07	5.6	<0.005
C487515		3.9	10	>10000	4.6	0.004	>10.0	324.00	0.3	78.5	22.2	25.4	<0.01	3.98	0.9	<0.005
C487516		6.8	70	8510.0	18.3	0.017	>10.0	130.50	0.5	107.0	10.0	46.0	<0.01	35.00	4.6	<0.005
C487517		2.2	20	352.0	7.5	<0.001	3.79	18.95	0.9	3.1	0.6	232.0	0.01	3.15	6.7	<0.005
C487518		75.4	1860	1080.0	10.8	0.031	4.13	40.10	1.4	21.9	1.2	87.0	<0.01	0.28	6.2	<0.005
C487519		38.4	820	>10000	6.6	0.020	>10.0	1190.00	0.9	87.1	13.4	79.7	<0.01	1.15	2.9	<0.005
C487520		3.5	390	30.6	0.5	<0.001	0.06	2.77	0.6	0.5	0.3	127.0	<0.01	0.02	<0.2	<0.005
C487521		15.8	80	2570.0	2.3	0.001	>10.0	8.08	1.0	59.8	6.8	2.6	<0.01	0.19	0.3	0.010
C487522		98.2	1990	288.0	8.8	0.037	3.01	40.50	1.7	31.1	0.5	101.5	<0.01	0.15	4.2	<0.005

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

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

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

Project: MARG

CERTIFICATE OF ANALYSIS VA07070194

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Ag-OG46 Ag ppm 1	Cu-OG46 Cu % 0.01	Pb-OG46 Pb % 0.01	Zn-OG46 Zn % 0.01	Au-AA23 Au ppm 0.005
C487501		7.13	5.70	1	1.02	26.40	181	8.5					0.018
C487502		4.60	2.62	1	1.28	4.96	>10000	8.5		2.73	1.90	5.83	0.466
C487503		4.37	3.18	<1	3.10	19.05	1050	8.5					0.214
C487504		4.96	3.87	<1	2.63	15.20	>10000	11.4				1.35	0.325
C487505		0.14	0.13	2	0.09	2.23	40	0.6					<0.005
C487506		11.40	3.69	3	2.35	5.08	>10000	11.4	123	3.23	4.20	7.56	1.390
C487507		11.40	3.07	1	1.26	3.47	>10000	12.0	117	2.93	4.41	8.71	1.445
C487508		13.00	2.82	1	1.23	3.41	>10000	10.9	117	2.87	4.44	8.87	1.160
C487509		12.50	2.56	3	1.59	6.54	>10000	8.2		1.46	1.89	3.83	0.549
C487510		12.15	2.66	2	1.46	5.61	>10000	7.5		1.42	1.75	3.56	0.568
C487511		13.55	2.00	2	1.88	1.73	>10000	5.6		1.82	3.07	6.26	1.300
C487512		8.91	0.06	8	0.65	1.46	>10000	3.6		1.50		2.95	0.865
C487513		9.90	1.27	<1	0.84	2.73	>10000	9.0		2.80	1.44	3.34	0.396
C487514		8.89	1.57	<1	0.87	7.31	6930	4.2					0.132
C487515		11.40	2.72	2	0.89	3.00	>10000	7.0		4.10	1.76	5.53	1.080
C487516		12.00	5.08	<1	1.59	6.37	>10000	16.7		4.61		2.25	1.190
C487517		4.81	1.29	<1	0.26	12.50	764	6.7					0.116
C487518		1.52	7.22	73	0.27	9.48	2900	12.8					0.076
C487519		7.11	3.91	56	1.62	5.00	>10000	10.0		1.30	1.44	3.12	0.220
C487520		<0.02	0.08	1	<0.05	2.24	76	<0.5					<0.005
C487521		9.45	0.06	7	0.68	1.49	>10000	3.3		1.52		2.98	0.901
C487522		0.49	10.40	120	0.25	5.82	1790	19.2					0.032

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

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

Finalized D 17-JUN-2007
Ac unt: MARPRO

CERTIFICATE VA07053413

Project:

P.O. No.:

This report is for 4 Rock samples submitted to our lab in Vancouver, BC, Canada on 4-JUN-2007.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-31	Pulverize split to 85% <75 um
SPL-34	Pulp Splitting Charge
SPL-21	Split sample - riffle splitter
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES

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

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

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

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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

Finalized L : 17-JUN-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07053413

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
B375370		5.96	<0.001	<0.2	0.03	<2	<10	10	<0.5	<2	19.4	<0.5	<1	1	2	0.38
B375371		4.82	<0.001	<0.2	0.04	3	<10	10	<0.5	<2	19.7	<0.5	1	1	1	0.42
B375370 DUP		<0.02	<0.001	<0.2	0.03	<2	<10	10	<0.5	<2	19.4	<0.5	1	1	1	0.38
B375371 DUP		<0.02	<0.001	<0.2	0.04	6	<10	10	<0.5	<2	19.0	<0.5	1	1	2	0.41

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

Finalized D. .: 17-JUN-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07053413

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
B375370		<10	<1	0.01	<10	12.05	173	<1	<0.01	<1	180	4	0.02	<2	<1	55
B375371		<10	<1	0.02	<10	12.25	181	<1	0.01	<1	190	2	0.05	<2	<1	55
B375370 DUP		<10	<1	0.02	<10	12.10	171	<1	0.01	<1	200	<2	0.04	<2	<1	55
B375371 DUP		<10	<1	0.02	<10	11.85	173	<1	<0.01	<1	200	3	0.06	<2	<1	53

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

Finalized L . 17-JUN-2007
Account: MARPRO

CERTIFICATE OF ANALYSIS VA07053413

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
B375370		<20	<0.01	<10	<10	2	<10	14
B375371		<20	<0.01	<10	<10	3	<10	14
B375370 DUP		<20	<0.01	<10	<10	2	<10	13
B375371 DUP		<20	<0.01	<10	<10	2	<10	14

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 : 2-MAY-2007
Account: F

CERTIFICATE VA07038442

Project: Marg

P.O. No.:

This report is for 73 Other samples submitted to our lab in Vancouver, BC, Canada on 16-APR-2007.

The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

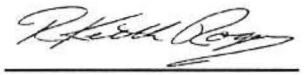
ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SPL-33	Split Sample - scoop split

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
OA-GRA08b	Specific Gravity for Pulps	WST-SIM

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: 
Keith Rogers, Executive Manager Vancouver Laboratory

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

Project: Marg

CERTIFICATE OF ANALYSIS VA07038442

Sample Description	Method / Analyte / Units / LOR	OA-GRA08b S.G. Unity 0.01
C107151		3.21
C107168		3.04
C107169		3.03
C107154		4.20
C107156		3.62
C107157		4.19
C107158		2.95
C107159		3.92
C107160		3.27
C107166		3.86
C107170		3.51
C107173		4.13
C107188		4.27
C107190		4.22
C107191		4.34
C107192		3.33
C107202		3.80
C107178		3.12
C107179		4.11
C107180		3.07
C107250		2.90
C107251		3.28
C107252		3.00
C107253		2.97
C107254		4.26
C107255		2.87
C107256		2.87
C107257		2.92
C107259		4.13
C107261		3.01
C107266		3.05
C107267		4.67
C107268		4.53
C107269		2.99
C107270		3.11
C107271		3.80
C107272		2.89
C107218		2.89
C107219		3.68
C107220		3.01

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

Project: Marg

CERTIFICATE OF ANALYSIS VA07038442

Sample Description	Method / Analyte / Units / LOR	OA-GRA08b S.G. Unity 0.01
C107221		3.01
C107222		3.02
C107223		3.00
C107224		3.12
C107225		2.99
C107226		2.96
C107227		2.83
C107228		3.05
C107229		3.80
C107230		3.33
C107231		2.91
C107233		3.02
C107234		4.10
C107235		3.12
C107236		2.87
C107237		3.96
C107238		2.94
C107239		3.01
C107241		4.65
C107243		4.71
C107244		2.97
C107245		3.06
C107246		3.08
C107247		3.07
C107248		2.88
C107249		3.02
C107289		3.06
C107290		3.09
C107291		3.55
C107292		3.72
C107293		2.98
C107294		3.02

APPENDIX V

2007 ASSAY SUMMARY

DDH 07-97:					ASSAYS					
FROM	TO	INTERVAL	TYPE	SAMPLE	Cu (%)	Zn (%)	Pb (%)	Ag (g/t)	Au (g/t)	
345.64	346.62	0.98	QMPH	C487501	<0.01	0.02	<0.01	0.1	0.02	
346.62	346.95	0.33	SUDS/SUSM	C487502	2.73	5.83	1.90	67.1	0.47	D2 Horizon: 2.73% Cu, 5.83% Zn, 1.90% Pb,
346.95	348.38	1.43	QMPH	C487503	0.06	0.10	0.03	2.1	0.21	67.1 g/t Ag, 0.47 g/t Au over 0.33 m
348.38	349.22	0.84	QMPH	C487504	0.57	1.35	0.50	21.4	0.33	
349.22	350.02	0.80	SUMS	C487506	3.23	7.56	4.20	123.0	1.39	D1 Horizon: 2.71% Cu, 4.43% Zn, 2.05% Pb,
350.02	350.82	0.80	SUMS	C487507	2.93	8.71	4.41	117.0	1.45	60.3 g/t Ag, 0.88 g/t Au over 7.31 m
350.82	351.81	0.99	SUDS/SUSM	C487509	1.46	3.83	1.89	53.0	0.55	
351.81	352.32	0.51	SUMS	C487511	1.82	6.26	3.07	71.6	1.30	
352.32	353.43	1.11	SUDS/SUSM	C487513	2.80	3.34	1.44	50.4	0.40	
353.43	354.43	1.00	QMPH	C487514	0.23	0.69	0.39	7.6	0.13	
354.43	355.43	1.00	SUMS	C487515	4.10	5.53	1.76	51.3	1.08	
355.43	356.53	1.10	SUSM	C487516	4.61	2.25	0.85	40.9	1.19	
356.53	358.00	1.47	QMPH	C487517	0.13	0.08	0.03	1.5	0.12	
421.20	422.70	1.50	QCPH	C487518	0.08	0.29	0.11	4.1	0.08	
422.70	423.00	0.30	SUSM	C487519	1.30	3.12	1.44	56.6	0.22	A1 Horizon: 1.30% Cu, 3.12% Zn, 1.44% Pb,
423.00	424.50	1.50	QGPH	C487522	0.03	0.18	0.03	3.2	0.03	56.6 g/t Ag, 0.22 g/t Au over 0.30 m

BLANK				C487505	<0.01	<0.01	<0.01	0.1	<0.005
DUPLICATE	duplicate of C487507			C487508	2.87	8.87	4.44	117.0	1.16
DUPLICATE	duplicate of C487509			C487510	1.42	3.56	1.75	52.1	0.57
STANDARD				C487512	1.50	2.95	0.25	64.8	0.87
BLANK				C487520	<0.01	<0.01	<0.01	0.1	<0.005
STANDARD				C487521	1.52	2.98	0.26	69.9	0.90

Standard samples prepared by CDN Resource Laboratories Ltd.
Batch Number: CDN-HLLC

ABBREVIATIONS

QMPH	quartz muscovite phyllite
QGPH	quartz graphite phyllite
SUDS	disseminated sulphide mineralization
SUSM	semi-massive sulphide mineralization
SUMS	massive sulphide mineralization

DDH 07-100:					ASSAYS					
FROM	TO	INTERVAL	TYPE	SAMPLE	Cu (%)	Zn (%)	Pb (%)	Ag (g/t)	Au (g/t)	
354.45	355.90	1.45	QMPH	C487523	0.01	0.03	<0.01	0.29	0.02	
355.90	357.00	1.10	SUSM	C487524	1.88	5.02	2.08	55.90	0.56	B4 Horizon: 1.22% Cu, 2.87% Zn, 1.11% Pb
357.00	357.80	0.80	SUDS	C487525	1.76	2.74	0.90	19.75	0.22	30.37 g/t Ag, 0.36 g/t Au over 3.20 m
357.80	359.10	1.30	SUDS	C487526	0.32	1.12	0.41	15.30	0.28	
359.10	360.60	1.50	QGPH	C487527	0.01	0.06	<0.01	0.53	0.01	
370.80	371.35	0.55	QMPH	C487528	0.10	0.05	0.01	1.13	0.03	
371.35	372.50	1.15	SUDS	C487529	0.25	0.03	<0.01	0.68	0.04	
372.50	373.00	0.50	QMPH	C487530	0.02	<0.01	<0.01	0.37	0.02	
375.20	376.70	1.50	QMPH	C487531	0.17	0.23	0.10	2.75	0.08	
376.70	377.15	0.45	SUMS	C487532	0.73	6.31	2.92	40.70	0.90	B5 Horizon: 0.98% Cu, 4.37% Zn, 1.81% Pb
377.15	377.85	0.70	SUDS	C487534	0.26	0.56	0.30	10.55	0.25	35.06 g/t Ag, 0.82 g/t Au over 2.65 m
377.85	378.55	0.70	SUMS	C487535	0.82	3.50	1.60	29.50	0.55	
378.55	379.35	0.80	SUMS	C487537	1.89	7.36	2.69	58.20	1.50	
379.35	380.85	1.50	QMPH	C487539	0.01	0.02	<0.01	0.29	0.02	

DUPLICATE	Duplicate of C387532			C487533	1.37	7.41	3.41	53.10	1.18
STANDARD				C487536	1.44	3.03	0.26	64.80	0.81
BLANK				C487538	<0.01	0.03	<0.01	0.18	<0.01

Standard samples prepared by CDN Resource Laboratories Ltd.
Batch Number: CDN-HLLC

ABBREVIATIONS

QMPH	quartz muscovite phyllite
QGPH	quartz graphite phyllite
SUDS	disseminated sulphide mineralization
SUSM	semi-massive sulphide mineralization
SUMS	massive sulphide mineralization

DDH 07-101:					ASSAYS					
FROM	TO	INTERVAL	TYPE	SAMPLE	Cu (%)	Zn (%)	Pb (%)	Ag (g/t)	Au (g/t)	
337.20	338.70	1.50	QMPH	C487544	<0.01	0.02	<0.01	0.18	0.02	
338.70	339.35	0.65	SUMS	C487545	2.97	5.69	1.71	44.2	0.39	D1 Horizon: 2.97% Cu, 5.69% Zn, 1.71% Pb
339.35	340.85	1.50	QMPH	C487548	0.03	0.07	0.03	0.84	0.01	44.2 g/t Ag, 0.39 g/t Au over 0.65 m
413.70	415.20	1.50	QGPH	C487549	0.06	0.37	0.21	4.26	0.02	
415.20	415.80	0.60	SUSM	C487550	0.50	1.41	0.63	14.9	0.06	B4 Horizon: 0.50% Cu, 1.41% Zn, 0.63% Pb
415.80	417.30	1.50	QMPH	C487551	0.03	0.12	0.04	1.83	0.21	14.9 g/t Ag, 0.06 g/t Au over 0.6 m
424.55	426.05	1.50	QMPH	C487552	0.04	0.20	0.05	1.25	0.01	
426.05	426.65	0.60	SUSM	C487553	0.16	0.99	0.38	8.46	0.04	B3 Horizon: 0.16% Cu, 0.99% Zn, 0.38% Pb
426.65	428.15	1.50	QMPH	C487554	<0.01	0.02	<0.01	0.19	0.03	8.46 g/t Ag, 0.04 g/t Au over 0.6 m
436.30	437.80	1.50	QMPH	C487555	<0.01	0.04	0.02	0.39	0.03	
437.80	439.05	1.25	SUSM	C487556	1.13	3.86	1.64	54.2	0.31	B1 Horizon: 1.13% Cu, 3.86% Zn, 1.64% Pb
439.05	440.55	1.50	QMPH	C487559	0.12	0.24	0.11	5.3	0.05	54.2 g/t Ag, 0.31 g/t Au over 1.25 m

BLANK				C487546	<0.01	<0.01	<0.01	0.06	<0.005
STANDARD				C487547	1.52	3.00	0.26	73	0.78
BLANK				C487557	<0.01	<0.01	<0.01	0.08	<0.005
STANDARD				C487558	1.48	2.97	0.31	83.4	1.04

Standard samples prepared by CDN Resource Laboratories Ltd.
Batch Number: CDN-HLLC

ABBREVIATIONS

QMPH	quartz muscovite phyllite
QGPH	quartz graphite phyllite
SUDS	disseminated sulphide mineralization
SUSM	semi-massive sulphide mineralization
SUMS	massive sulphide mineralization

DDH 07-105:					ASSAYS				
FROM	TO	INTERVAL	TYPE	SAMPLE	Cu (%)	Zn (%)	Pb (%)	Ag (g/t)	Au (g/t)
99.00	100.00	1.00	QMPH	C487560	<0.01	<0.01	<0.01	0.08	<0.005
102.00	103.00	1.00	QMPH	C487561	<0.01	<0.01	<0.01	0.08	<0.005
105.00	106.00	1.00	QMPH	C487562	<0.01	<0.01	<0.01	0.13	<0.005
108.00	109.00	1.00	QMPH	C487563	<0.01	<0.01	<0.01	0.06	<0.005
111.00	112.00	1.00	QMPH	C487564	<0.01	<0.01	<0.01	0.16	<0.005
114.00	115.00	1.00	QMPH	C487565	<0.01	<0.01	<0.01	0.14	<0.005
117.00	118.00	1.00	QMPH	C487566	<0.01	<0.01	<0.01	0.05	<0.005
120.00	121.00	1.00	QMPH	C487567	<0.01	<0.01	<0.01	0.07	<0.005
123.00	124.00	1.00	QMPH	C487570	<0.01	<0.01	<0.01	0.07	0.01
126.00	127.00	1.00	QMPH	C487571	<0.01	<0.01	<0.01	0.06	<0.005
129.00	130.00	1.00	QMPH	C487572	<0.01	<0.01	<0.01	0.06	<0.005
132.00	133.00	1.00	QMPH	C487573	<0.01	<0.01	<0.01	0.05	<0.005
135.00	136.00	1.00	QMPH	C487574	<0.01	<0.01	<0.01	0.06	<0.005
138.00	139.00	1.00	QMPH	C487575	<0.01	<0.01	<0.01	0.06	0.01
141.00	142.00	1.00	QMPH	C487576	<0.01	<0.01	<0.01	0.06	0.01
144.00	145.00	1.00	QMPH	C487577	<0.01	0.02	<0.01	0.23	<0.005
147.00	148.00	1.00	QMPH	C487578	<0.01	0.04	0.02	0.44	<0.005
150.00	151.00	1.00	QMPH	C487581	<0.01	0.02	<0.01	0.18	0.01
153.00	154.00	1.00	QMPH	C487582	<0.01	0.02	<0.01	0.07	<0.005
156.00	157.00	1.00	QMPH	C487583	<0.01	<0.01	<0.01	0.06	<0.005
159.00	160.00	1.00	QMPH	C487584	<0.01	<0.01	<0.01	0.09	<0.005
162.00	163.00	1.00	QMPH	C487585	<0.01	0.01	<0.01	0.05	<0.005
163.68	164.91	1.23	QMPH	C487586	<0.01	0.02	<0.01	0.1	0.01
165.00	166.00	1.00	QMPH	C487587	<0.01	0.01	<0.01	0.1	<0.005
168.00	169.00	1.00	QMPH	C487588	<0.01	<0.01	<0.01	0.1	<0.005
171.00	172.00	1.00	QMPH	C487591	<0.01	0.02	<0.01	0.16	0.01
174.00	175.00	1.00	QMPH	C487592	<0.01	<0.01	<0.01	0.07	<0.005
177.00	178.00	1.00	QMPH	C487593	<0.01	0.01	<0.01	0.07	<0.005
180.00	181.00	1.00	QMPH	C487594	<0.01	<0.01	<0.01	0.07	<0.005
183.00	184.00	1.00	QMPH	C487595	<0.01	<0.01	<0.01	0.09	<0.005
186.00	187.00	1.00	QMPH	C487596	<0.01	0.01	<0.01	0.08	<0.005
189.00	190.00	1.00	QMPH	C487597	<0.01	<0.01	<0.01	0.05	0.01
192.00	193.00	1.00	QMPH	C487598	<0.01	0.01	<0.01	0.07	<0.005
193.72	195.22	1.50	QMPH	C487601	<0.01	0.02	<0.01	0.12	<0.005

BLANK	-			C487568	<0.01	<0.01	<0.01	0.02	<0.005
STANDARD	-			C487569	1.52	3.03	0.27	67.4	0.83
BLANK	-			C487579	<0.01	<0.01	<0.01	0.02	<0.005
STANDARD	-			C487580	1.56	3.10	0.26	61.7	0.91
BLANK	-			C487589	<0.01	<0.01	<0.01	0.01	<0.005
STANDARD	-			C487590	1.54	2.90	0.26	64.3	0.98
BLANK	-			C487599	<0.01	<0.01	<0.01	0.01	<0.005
STANDARD	-			C487600	1.47	2.78	0.26	61.6	0.86

Standard samples prepared by CDN Resource Laboratories Ltd.
Batch Number: CDN-HLLC

ABBREVIATIONS

QMPH	quartz muscovite phyllite
QGPH	quartz graphite phyllite
SUDS	disseminated sulphide mineralization
SUSM	semi-massive sulphide mineralization
SUMS	massive sulphide mineralization

DDH 07-107:					ASSAYS					
FROM	TO	INTERVAL	TYPE	SAMPLE	Cu (%)	Zn (%)	Pb (%)	Ag (g/t)	Au (g/t)	
343.90	345.40	1.50	QMPH	C487602	0.13	0.33	0.16	4.42	0.14	
345.40	346.06	0.66	SUMS	C487603	2.73	7.85	3.80	63.80	0.72	D2 Horizon: 2.82% Cu, 7.91% Zn, 3.78% Pb
346.06	347.00	0.94	QMPH	C487607	0.03	0.13	0.06	1.55	0.06	64.25 g/t Ag, 0.74 g/t Au over 0.66 m
347.00	347.93	0.93	QMPH	C487608	<0.01	0.02	0.01	0.23	0.04	
347.93	348.53	0.60	SUMS	C487609	0.61	0.75	0.47	23.40	0.52	D2 Horizon: 0.61% Cu, 0.75% Zn, 0.47% Pb
348.53	350.00	1.47	QMPH	C487610	0.07	0.20	0.07	2.35	0.15	23.4 g/t Ag, 0.52 g/t Au over 0.60 m
350.00	351.50	1.50	QMPH	C487611	0.04	0.09	0.03	0.69	0.07	
351.50	353.00	1.50	QMPH	C487612	0.04	0.09	0.03	0.74	0.04	
353.00	354.50	1.50	QMPH	C487613	0.03	0.13	0.07	1.35	0.02	
354.50	355.40	0.90	QMPH	C487614	0.03	0.06	0.04	1.51	0.02	
355.40	356.30	0.90	QMPH	C487615	0.03	0.09	0.05	1.53	0.03	
356.30	357.45	1.15	SUSM	C487616	1.45	3.05	0.95	31.20	0.15	D1 Horizon: 1.45% Cu, 3.05% Zn, 0.95% Pb
357.45	358.95	1.50	QMPH	C487619	0.05	0.13	0.06	1.32	0.09	31.2 g/t Ag, 0.15 g/t Au over 1.15 m
358.95	360.45	1.50	QMPH	C487620	0.02	0.24	0.04	2.10	0.06	

QUARTER	-	0.66	SUMS	C487604	2.91	7.97	3.76	64.70	0.75
BLANK	-	-		C487605	0.02	0.06	0.03	0.56	0.01
STANDARD	-	-		C487606	1.60	3.14	0.28	72.00	0.96
BLANK	-	-		C487617	<0.01	0.01	<0.01	0.09	<0.005
STANDARD	-	-		C487618	1.43	2.87	0.30	75.50	1.00

Standard samples prepared by CDN Resource Laboratories Ltd.
Batch Number: CDN-HLLC

ABBREVIATIONS

QMPH	quartz muscovite phyllite
QGPH	quartz graphite phyllite
SUDS	disseminated sulphide mineralization
SUSM	semi-massive sulphide mineralization
SUMS	massive sulphide mineralization