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ASSESSMENT REPORT

describing

GEOCHEMICAL SAMPLING AND DIAMOND DRILLING

at the

ARM PROPERTY

Arm 1-8	YB15752-YB15759
9-12	YB33538-YB33541
13-42	YD33704-YD33733

NTS 105G/09

Latitude 61°32'N; Longitude 130°25'W

located in the

Watson Lake Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

STRATEGIC METALS LTD.

by

O. Fu, B.Sc.

March 2011

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INTRODUCTION

The Arm property covers approximately coincident copper-silver-zinc soil geochemical anomalies within the Finlayson Lake Volcanogenic Massive Sulphide (VMS) District of Yukon Territory. The property is owned by Strategic Metals Ltd.

This report describes a field program conducted on June 24, July 3, and between July 9 and July 14, 2010 by Archer, Cathro & Associates (1981) Limited on behalf of Strategic. The program consisted of geochemical sampling and diamond drilling. The author interpreted all data resulting from this project and his Statement of Qualifications appears in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Arm property consists of 42 contiguous mineral claims, which are located on NTS map sheet 105 G/09 at latitude 61°32' north and longitude 130°25' west (Figure 1). The property covers an area of approximately 853 ha (8.53 sq. km.). The claims are registered with the Watson Lake Mining Recorder in the name of Archer Cathro, which holds them in trust for Strategic. Specifics concerning claim registration are tabulated below, while the locations of individual claims are shown on Figure 2.

Table I: Claim Data

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
Arm 1-8	YB15752-YB15759	March 9, 2016
9-12	YB33538-YB33541	March 9, 2016
3-42	YD33704-YD33733	March 9, 2016

*Expiry date includes 2010 work which has been filed for assessment credit but not yet accepted.

In 2010, access was mainly provided by a Hughes 500D helicopter operated by Kluane Airways from the Inconnu Lodge on McEvoy Lake, which is located 29 km north of the property. A Bell 206B helicopter operated by Trans North Helicopters from its base at the Ross River airport assisted with some drill moves. All personnel stayed at Inconnu Lodge.

The Arm claims lie approximately 253 km east-northeast of Whitehorse, 118 km southeast of Ross River and 19 km northwest of the Wolverine VMS Mine. The closest road access is from the Robert Campbell Highway, which at its nearest point is 7.6 km north of the property. The Robert Campbell Highway is usable in all seasons by two wheel drive vehicles.

GEOMORPHOLOGY AND CLIMATE

The Arm property lies within the northern part of the Campbell Range Mountains in the Yukon Plateau. It is situated approximately 52 km north of the Tintina Trench and roughly 7 km northwest of Wolverine Lake. Local elevations on the property range from about 1300 to 1600 m above sea level (asl). Topographic relief is gentle to moderately steep. Creeks draining the

property flow southward into Wolverine Lake and eventually into the Finlayson River, which is part of the Liard River watershed.

Vegetation consists of stunted black spruce and alder at lower elevations giving way to buckbrush and willow and eventually alpine grass and moss above 1450 m. Grassy upland swamps are common above 1400 m.

The climate in the Arm property area is typical of northern continental regions with long, cold winters, truncated fall and spring seasons and short, mild summers. Although summers are relatively mild, arctic cold fronts often cover the area and snowfall can occur in any month. The property is mostly snow free from early June to late September.

HISTORY

In 1989, William Arnholtz staked the Arm 1-8 claims to protect a large ferricrete gossan developed in a creek bed. Strongly anomalous values were obtained from a sample collected from that creek during a reconnaissance-scale stream sediment survey conducted by the Geological Survey of Canada (Hornbrook and Friske, 1988).

In June 1990, Total Energold Corp. mapped, prospected and performed limited soil sampling on the Arm property but failed to explain the gossan.

In August 1990, Jan Martensson staked the Arm 9-12 claims.

In 1992, Martensson conducted a reconnaissance-scale soil geochemical survey that detected anomalous values for several metals.

In 1995, Cominco Ltd. optioned the Arm claims shortly after discovering its Kudz Ze Kayah Deposit. Work that year consisted of geochemical sampling and prospecting.

In 1997, Cominco conducted a ground geophysical program, which included 10 km of HLEM and magnetics plus 4 km of gravity. This work was performed in conjunction with detailed mapping and prospecting and was followed up with 139.6 m of diamond drilling in one hole. No significant intersections were obtained from the drilling and the option was dropped.

In 1998, Expatriate Resources Ltd. performed prospecting, geological mapping, soil sampling, hand trenching and 462 m of diamond drilling in three holes. The most noteworthy intersection measured 12.42 m and assayed 3315 ppm zinc.

In early 2010, Strategic purchased the Arm 1-12 claims from Arnholtz and another independent prospector. Later that spring, Strategic staked the Arm 13-42 claims.

REGIONAL GEOLOGY

The Finlayson Lake VMS district is located in southeastern Yukon, within an isolated outlier of Yukon-Tanana and Slide Mountain terranes and affiliated overlap assemblages. The district is

bounded by the Tintina Fault in the southwest and the Inconnu Thrust Fault in the northeast. Five major VMS deposits and numerous VMS occurrences have been discovered in this package of rocks (Figure 3). The Fyre Lake, Kudz Ze Kayah, GP4F, and Wolverine deposits all occur within the Yukon-Tanana Terrane, while the Ice Deposit is hosted in the Slide Mountain Terrane.

The Yukon-Tanana and Slide Mountain terranes represent continental arc and back-arc basin sequences that developed along the ancient Pacific margin of North America during late Devonian and through Permian (Piercey *et al.*, 2006). The pericratonic rocks of the Yukon-Tanana Terrane and oceanic rocks of the Slide Mountain Terrane are juxtaposed against rocks of the North American continental margin sequence along the post-Late Triassic Inconnu Thrust Fault (Murphy *et al.*, 2006). Rocks of the Yukon-Tanana and Slide Mountain terranes in the Finlayson Lake district are characterized by variably deformed and metamorphosed, lower greenschist to amphibolite facies metasedimentary and metavolcanic rocks and affiliated metaplutonic suites.

The following descriptions of the Yukon-Tanana and Slide Mountain terranes are largely summarized from Murphy *et al.* (2006).

Rocks of the Yukon-Tanana Terrane in the Finlayson Lake district lie between the Tintina Fault and the Jules Creek Fault. The Yukon-Tanana Terrane is subdivided into a number of fault- and unconformity- bounded groups and formations. From the structurally deepest levels of the district outwards, these include: (1) the North River Formation, the Grass Lakes and Wolverine Lake Groups, and affiliated metaplutonic rocks in the Big Campbell Thrust Sheet; (2) the North River, Waters Creek and River formations and affiliated intrusions in the Money Creek Thrust Sheet; (3) the Cleaver Lake Formation and intrusions of the Cleaver Lake Thrust Sheet (Figure 3). Regional shortening, uplift, erosion, and synorogenic clastic sedimentation took place during Early Permian. The Lower Permian Money Creek Formation was deposited unconformably atop folded Mississippian and Pennsylvanian rocks and was subsequently folded and overthrust by the Cleaver Lake and Money Creek thrust faults. The movement of the Money Creek Thrust Fault is constrained to Early Permian because both the hanging wall and footwall of the thrust fault are unconformably overlain by the Lower Permian rocks of the Campbell Range Formation of Slide Mountain Terrane.

The quartzose metaclastic rocks and metapelites of the North River Formation are the oldest exposed rock units in the Big Campbell Thrust Sheet. The North River Formation is overlain by the chloritic schist and lesser carbonaceous phyllite of the Fire Lake Formation of the Grass Lakes Group. This formation is the host of the Besshi-style Fyre Lake VMS Deposit (Hunt, 2002). The deposit is Late Devonian in age and is associated with chloritic phyllite and greenstone of boninitic composition (Piercey *et al.*, 2004). Mafic and variably serpentized ultramafic rocks are present as sills and dikes in the Fire Lake and North River Formations, respectively. Stratigraphically overlying the Fire Lake Formation is a carbonaceous phyllite-dominated succession which has been divided into two parts. The lower part, the Kudz Ze Kayah Formation, contains felsic metavolcanic rocks that host the Kuroko-style Kudz Ze Kayah and GP4F VMS deposits, while the upper part, the Wind Lake Formation, contains mafic metavolcanic rocks and quartzite (Murphy, 1998). The Grass Lakes Group is intruded by the

Late Devonian to Early Mississippian Grass Lakes Plutonic Suite and the Early Mississippian Simpson Range Plutonic Suite.

The Wolverine Lake Group unconformably overlies the Grass Lakes Group and is the host of the Kuroko-style Wolverine VMS Deposit. This deposit occurs in a thick sequence of Carboniferous rhyolitic metavolcanic rocks and carbonaceous argillite (Tucker *et al.*, 1997). Together, the Grass Lakes and Wolverine groups have been interpreted to represent a continental back-arc rift to back-arc basin assemblage.

During Early Permian, the Yukon-Tanana Terrane experienced regional shortening and uplift. The deformation and erosion of the Mississippian and Pennsylvanian rocks were followed by unconformable deposition of the Money Creek Formation. The Money Creek Formation comprises carbonaceous phyllite and sandstone, varicoloured chert, chert-pebble conglomerate, and diamictite. This formation was emplaced atop units of the Wolverine Lake Group in the Big Campbell Thrust Sheet and the Tuchitua River Formation, Whitefish Limestone, White Lake Formation, King Arctic Formation and Finlayson Creek Limestone in the Money Creek Thrust Sheet by the Cleaver Lake and Money Creek thrust faults. The Money Creek Formation is preserved in the Big Campbell and Money Creek Klippen.

The imbricated rocks of the Yukon-Tanana Terrane are juxtaposed against rocks of the Slide Mountain Terrane along the Jules Creek Fault. The Slide Mountain Terrane of the Finlayson Lake district consists of the Mississippian to Lower Permian Fortin Creek Group, the Lower Permian Campbell Range Formation and spatially associated plutonic rocks, and Lower Permian limestone and quartzite. The Ice VMS Deposit and Julia VMS occurrence are hosted in basalt of the Campbell Range Formation (Hunt, 2002).

Middle Permian and younger sequences in the Finlayson Lake district are derived from, or deposited on both the Yukon-Tanana and Slide Mountain terranes. The Middle Permian to Triassic Simpson Lake Group is composed of clastic rocks derived from both terranes and Middle Permian felsic and mafic metavolcanic rocks (Mortensen *et al.*, 1999). Slide Mountain Terrane, Yukon-Tanana Terrane and overlapping rocks are juxtaposed against Triassic shale and siltstone and older rocks of the North American continental margin sequence along the Inconnu Thrust Fault.

During the Mesozoic era two types of intrusion were emplaced in the Finlayson area. The first includes several unmetamorphosed Early Jurassic mafic and intermediate composition plutons. The second consists of Late Cretaceous two-mica quartz monzonite and granite (Mortensen and Jilson, 1985).

PROPERTY GEOLOGY

Bedrock exposure on the Arm property is poor (less than 3%), and most hillsides are scree covered. Rocks typically exhibit moderate to strong foliation, which strikes southwesterly and dips moderately to the northeast (Figure 4). Four rock types seen at surface are described below in approximate order of formation.

Stratigraphy

Phyllite is the most common rock type. It is generally black and sooty, non-calcareous and highly fissile. Concretionary bands ranging from 1 to 2 cm thick exhibit brecciation and quartz-filled tension gashes.

Siltstone occurs with diffuse colour banding in various shades of grey. It is non-calcareous and weakly to moderately silicified in sections. Siltstone and phyllite are commonly interbedded on a scale of 0.1 to 1 m.

Felsite forms several small outcrops near the northeastern edge of the property. It is green-grey, weakly foliated, and occasionally porphyritic. Flattened feldspar and lesser quartz phenocrysts are up to 4 mm long.

Slump breccia is present in intermittent outcrops along the banks of the main creek draining the property. Fragments are angular to platy and consist of black phyllite and siltstone. They range from 5 mm to 30 cm in diameter and are often coated with a green-blue iridescent surface hue. The matrix is non-calcareous, fine black mud and sand. Contacts are unconformable with underlying phyllites and siltstones.

DEPOSIT MODEL

Based on the lithologies mapped in the area, the Arm property has potential to host a Kuroko-type VMS deposit, similar to the Wolverine Deposit situated 19 km to the southeast. The Wolverine Deposit consists of an inferred resource estimate of 6.24 million tonnes grading 11.88% zinc, 1.81% copper, 0.95% lead, 313 g/t silver and 1.203 g/t gold (Yukon Zinc, 2010), and is scheduled to start commercial production in 2011. The following description of the Wolverine Deposit provides a model for exploring and assessing the Arm property.

The Wolverine Deposit is located near a contact between Yukon-Tanana and overlying Slide Mountain rocks. It consists of the Wolverine, Lynx and Sable Zones which are hosted by carbonate and muscovite altered rhyolitic metavolcanics and argillites lying within the middle unit of the Wolverine Lake Group. The mineralization consists primarily of semi-massive to massive pyrite and sphalerite with varying amounts of galena, chalcopyrite, tetrahedrite and native gold. The surface expression of the Wolverine Zone is marked by a vegetation kill zone containing weakly malachite-stained argillite while the Lynx and Sable Zones are blanketed by glacial till. Mineralization in the Wolverine and Lynx Zones has been traced 700 m along strike and up to 450 m down-dip. It averages 6.1 m thick and dips shallowly to the north. The Sable Zone, which lies about 1500 m to the southeast, was discovered in late 1997 when two holes yielded high grade intersections over narrow widths. All three zones contain significantly more zinc and precious metals than the Kudzu Kayah VMS Deposit located 25 km to the west. Soil geochemistry at Wolverine outlined weakly to moderately anomalous values along the projected surface trace of the stratigraphy hosting the mineralization while magnetic surveys easily traced a laterally extensive, banded iron formation which occurs about 80 m up-section from the mineralization. Interpretation of electromagnetic results is complicated by an abundance of graphite within the argillite.

SOIL GEOCHEMISTRY

Previous geochemical sampling on the Arm property included contour and grid soil sampling. The property was sampled at various times between 1990 and 1998 by different operators. Interpretation of the results showed that copper, silver and zinc values were weakly to strongly anomalous in the southwestern part of the claim block.

In 2010, a total of 132 soil samples were collected using hand held soil augers. Sample locations and results for gold, arsenic, silver, antimony, copper, molybdenum, lead and zinc are plotted thematically on Figures 5 to 13 respectively. Sampling and Analytical Procedures for 2010 samples are provided in Appendix II, while Certificates of Analysis are given in Appendix III.

The 2010 soil sampling program was designed to further outline the anomalous copper, zinc and silver zones discovered in previous programs. Samples were taken from the northwestern and southeastern parts of the property. The soil samples returned weakly to strongly anomalous values for gold (up to 189 ppb), arsenic (up to 1270 ppm), silver (up to 5.8 ppm), antimony (up to 29 ppm), copper (up to 211 ppm), and molybdenum (up to 88 ppm) but yielded only background to slightly elevated values for zinc (up to 283 ppm) and lead (up to 112 ppm).

Soil sampling data outlines coincident northwesterly trending copper-zinc anomalies near the base of the hill in the western part of the property. These anomalies approximately parallel projected foliations (130-140°), suggesting a stratigraphic source, but they may also be caused by organic reduction of hydromorphically transported metals in boggy areas at the base of the hillside. The anomalous copper and zinc values lie downhill from the highest concentration of strongly elevated silver values. The historical samples that define these anomalies were not analyzed for gold or arsenic so data concerning these metals is limited. Response for gold and arsenic from the 2010 samples is surprisingly strong compared to regional backgrounds. Base metal results are subdued in the vicinity of the highest gold and arsenic values.

HISTORICAL HAND TRENCHING

In 1998, six hand pits were excavated within the various geochemical anomalies (Figure 5). All bottomed in phyllite and siltstone scree. No mineralization was observed and no samples were taken.

HISTORICAL GEOPHYSICS

In 1997, 10 km of HLEM and magnetics surveys and 4 km of gravity surveys were completed on the Arm claim block. The HLEM survey outlined a broad zone of conductivity throughout the central and southwestern part of the property; however, results from the gravity survey suggest lower density rocks are present in this area (Hall, 1997). The ground magnetic response was subdued and no magnetic minerals have been identified on the property.

DIAMOND DRILLING

Historical Diamond Drilling

In 1996, Cominco drilled 139.6 m in one hole on the Arm property (Figure 5). That hole cut a section of felsic volcanics and black clastics near the centre of the property. The volcanics returned low metal values, while the shales were weakly anomalous with values that peaked at 1159 ppm zinc.

In 1998, Expatriate drilled 462 m in three holes along a section line located on the eastern side of the main drainage (Figure 5). The holes were designed to test stratigraphy uphill from the main geochemical anomalies and ferricrete gossans. All holes encountered interbedded black phyllite and grey siltstone. The most significant interval was obtained from hole 97-AR-03, which averaged 3315 ppm zinc across 12.42 m.

2010 Diamond Drilling

A one hole, diamond drill program was completed on the Arm property in 2010. The hole was designed to test stratigraphy on the western flank of the main drainage, which was suspected to be the source of the primary silver anomaly. The program assumed that the creek could mark a major fault and that stratigraphy on its west side could be significantly displaced from stratigraphy on the east side, which was previously tested by Expatriate's drill holes.

The hole (ARM-10-01) was collared on July 9 and was completed on July 12. The work was contracted to Top Rank Diamond Drilling Ltd. of Ste Rose du Lac, Manitoba, and was done with a heliportable, diesel-powered JKS-300 drill using NTW and BTW equipment. The drill was set up on a platform of 8"x 8" timbers covered with 2"x 8" planks, which was constructed on sites that were dug by hand. A total of 272.8 m of diamond drilling was completed.

The drill collar location for ARM-10-01 is shown on Figures 5 to 13, while a cross-section of the hole is illustrated on Figure 14. Sampling and Analytical Procedures for the core are explained in Appendix II, Certificates of Analyses are provided in Appendix III, and Geological and Geotechnical Logs are given in Appendix IV. Key data concerning the 2010 drill hole are shown on Table II.

Table II – Drill Hole Data

Hole	Easting (m)	Northing (m)	Elevation (m)	Azimuth	Dip Angle	Length (m)
ARM-10-01	424603	6823543	1426	200	-50°	272.8

All phyllites and siltstones encountered in ARM-10-01 belong to the Wolverine Lake Group. No VMS style mineralization was intersected in the hole. Below is a summary of the lithologies encountered.

ARM-10-01 intersected phyllite and siltstone interbeds to a final depth of 272.8 m. The layers encountered closely resemble rocks at surface. The entire section was hard and weakly to moderately silicified. Units generally ranged in thickness from about 2 mm to 1 m wide. Dark red-maroon hematite stains and stringers typically occurred along fractured surfaces, and in few areas adjacent to jarosite altered zones. Semi-crystalline white quartz veins were abundant and varied between 6 cm to 1.5 m in width. They typically exhibited selvages showing minor to moderate alteration and contained subangular empty vugs.

Mineralization in ARM-10-01 consists of fine to medium grained, subhedral to euhedral pyrite crystals. It is present as disseminations or as slightly brecciated aggregates. The most significant metals were encountered in an interval from 117.1 m to 129.1 m, which averaged 1554 ppm zinc.

DISCUSSION AND CONCLUSIONS

The Arm property is underlain by a thick sequence of clastic metasedimentary and rarer felsic metavolcanic rocks, which belong to the Wolverine Lake Group of the Yukon-Tanana Terrane. This particular sequence of rocks forms an arcuate belt which hosts the Wolverine VMS Deposit 19 km to the southeast of the Arm property.

The 2010 field program expanded soil geochemical coverage onto newly staked claims that lie to the northwest and southeast of older claims. This sampling tested up-section and along strike of previous work. The 2010 soil sampling failed to identify new areas of anomalous base metal or silver response but did locate zones of moderately to strongly elevated gold and arsenic values.

Diamond drilling did not cut any significant mineralization.

Based on the very strong geochemical anomalies and favourable setting, the Arm claims warrant further work. The next phase of work should tighten geochemical coverage in the vicinity of the gold-arsenic anomaly. If this sampling produces favourable results, they should be followed up with detailed prospecting and possibly hand trenching.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Oliver Fu, B.Sc.

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APPENDIX I
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Oliver Fu, geologist, with business addresses in Vancouver, British Columbia and Ottawa, Ontario and residential address in Vancouver, British Columbia, do hereby certify that:

1. I graduated from McGill University in 2007 with a B.Sc. in Earth & Planetary Sciences.
2. From 2007 to present, I have been actively engaged in mineral exploration in Quebec, Newfoundland & Labrador, British Columbia, and the Yukon Territory.
3. I have personally participated in the core logging reported herein.

Oliver Fu, B.Sc. Earth & Planetary Sciences

APPENDIX II
SAMPLE HANDLING AND ANALYTICAL PROCEDURES

2010 Drill Core

The collar locations were marked with 1 m long 4" x 4" timbers. A metal tag listing the whole number, azimuth, dip and total depth was secured to each collar marker. Survey control was established by chain and compass measurements.

Core was transported by helicopter from the drill sites to a temporary storage area at the Sawmill Lake Float base. From there, it was transported by truck to the Archer Cathro lot in Whitehorse, Yukon, escorted by a representative of Archer Cathro. In Whitehorse, recovery was measured and geological and geotechnical logging was performed. Both holes were split with one-half bagged and sent for analysis and the other half returned to the core box. Two blank and two standard samples were randomly included in every batch of 32 core samples. All core is stored in Whitehorse.

The core samples were transported to the ALS Chemex preparation lab in Whitehorse where they were dried and crushed to 70% minus 2 mm, before a 1.5 kg split was taken and pulverized to better than 85% minus 75 microns. Splits of the pulverized fraction were routinely analyzed for 35 elements using an aqua regia digestion and inductively coupled plasma-atomic emission spectroscopy analysis (ME-ICP41). Samples were also analyzed for gold by fire assay finished with atomic absorption spectroscopy (Au-AA24).

2010 Soil Geochemical Samples

All 2010 soil sample locations were recorded using hand-held GPS units. Sample sites are marked by aluminum tags inscribed with the sample numbers and affixed to 0.5 m wooden lath that were driven into the ground. Soil samples were collected from 10 to 30 cm deep holes dug by hand-held auger. They were placed into individually pre-numbered Kraft paper bags.

The soil samples were sent to ALS Chemex, where they were dried, screened to -180 microns, dissolved in aqua regia solution and then analyzed for 35 elements using the inductively coupled plasma with atomic emission spectroscopy technique (ME-ICP41). An additional 50 g charge was further analysed for gold by fire assay with inductively coupled plasma-atomic emissions spectroscopy finish (Au-AA24).

APPENDIX III
CERTIFICATES OF ANALYSIS



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

2103 Dollarton Hwy

North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.

C/O ARCHER, CATHRO & ASSOCIATES (1981)

LIMITED

1016-510 W HASTINGS ST

VANCOUVER BC V6B 1L8

Page: 1

Finalized Date: 10-JUL-2010

Account: MTT

CERTIFICATE VA10089857

Project: ARM

P.O. No.:

This report is for 7 Rock samples submitted to our lab in Vancouver, BC, Canada on 3-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

BILL WENGZYNOWSKI

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: ARM

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Finalized Date: 10-JUL-2010

Account: MTT

CERTIFICATE OF ANALYSIS VA10089857

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
G285708		0.28	<0.001	<0.2	0.04	4	<10	20	<0.5	<2	0.08	<0.5	<1	7	3	0.48
G285709		0.34	<0.001	1.1	1.10	19	<10	640	<0.5	<2	0.15	15.5	69	1365	89	7.49
G285710		0.10	<0.001	0.2	3.59	4	<10	80	<0.5	<2	3.35	4.8	19	99	34	3.39
G285711		0.20	<0.001	0.3	0.32	17	<10	370	<0.5	<2	<0.01	<0.5	<1	8	8	0.91
G285712		0.36	0.030	0.7	0.39	47	<10	420	<0.5	<2	<0.01	<0.5	1	24	39	3.23
G285713		0.10	<0.001	1.2	0.61	24	<10	240	0.6	<2	0.06	5.9	24	22	70	7.60
G285714		0.08	<0.001	0.8	0.14	4	<10	100	<0.5	<2	<0.01	1.1	7	7	19	2.89



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CERTIFICATE OF ANALYSIS VA10089857

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	
	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	
G285708		<10	<1	0.01	<10	0.04	67	<1	0.01	2	120	30	0.01	<2	<1	2
G285709		<10	1	0.07	10	8.29	2170	4	0.01	1175	1280	24	0.02	4	13	17
G285710		10	1	0.04	<10	1.19	833	<1	0.03	45	520	16	0.01	<2	10	57
G285711		<10	<1	0.16	<10	0.03	35	6	0.01	2	1000	13	0.03	<2	1	8
G285712		<10	1	0.20	10	0.11	75	19	0.01	19	2570	58	0.04	8	1	12
G285713		<10	<1	0.07	10	0.16	1975	12	0.01	115	1670	30	0.02	6	5	6
G285714		<10	1	0.03	<10	0.01	478	2	0.01	15	410	11	0.04	<2	1	2



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Project: ARM

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Account: MTT

CERTIFICATE OF ANALYSIS VA10089857

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
G285708		<20	<0.01	<10	<10	1	<10	23
G285709		<20	0.01	<10	<10	54	<10	826
G285710		<20	0.30	<10	<10	123	<10	108
G285711		<20	<0.01	<10	<10	20	<10	5
G285712		<20	<0.01	<10	<10	38	<10	24
G285713		<20	0.01	<10	<10	40	<10	844
G285714		<20	<0.01	<10	<10	5	<10	138



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Page: 1
 Finalized Date: 29-JUL-2010
 Account: MTT

CERTIFICATE VA10098077


Project: ARM
 P.O. No.:
 This report is for 140 Soil samples submitted to our lab in Vancouver, BC, Canada on 19-JUL-2010.
 The following have access to data associated with this certificate:
 JOAN MARIACHER BILL WENGZYNOWSKI

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
EXTRA-01	Extra Sample received in Shipment
SCR-41	Screen to -180um and save both

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

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Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: ARM

CERTIFICATE OF ANALYSIS VA10098077

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC100101		Not Recvd														
CC100102		Not Recvd														
CC100103		Not Recvd														
CC100104		Not Recvd														
CC100105		Not Recvd														
CC100106		Not Recvd														
CC100107		Not Recvd														
CC100108		Not Recvd														
CC90240		0.16	0.003	0.4	1.44	13	<10	300	<0.5	<2	0.13	<0.5	8	62	13	2.71
CC90241		0.20	0.003	0.2	0.94	17	<10	240	<0.5	<2	0.12	0.5	6	37	9	2.05
CC90242		0.16	0.003	0.7	1.14	29	<10	350	<0.5	3	0.08	<0.5	2	21	9	1.84
CC90243		0.16	0.004	0.6	1.20	30	<10	510	<0.5	<2	0.07	<0.5	4	25	12	2.39
CC90244		0.20	0.012	1.1	1.95	63	<10	580	0.8	2	0.07	0.8	9	55	20	3.70
CC90245		0.20	0.006	2.8	1.43	26	<10	670	0.6	2	0.07	1.0	5	28	28	2.82
CC90246		0.20	0.014	2.6	1.37	63	<10	920	0.6	<2	0.14	0.8	4	39	24	2.68
CC90247		0.22	0.007	1.7	1.37	25	<10	540	0.5	2	0.12	1.0	5	29	15	2.59
CC90248		0.16	0.010	2.6	0.89	45	<10	600	<0.5	<2	0.15	1.2	2	23	15	2.43
CC90249		0.22	0.011	0.4	1.04	44	<10	340	<0.5	<2	0.14	0.6	5	32	30	2.19
CC90250		0.22	0.006	0.5	1.08	42	<10	650	<0.5	<2	0.12	0.6	5	28	9	2.21
CC90164		0.32	0.012	0.8	0.63	40	<10	580	<0.5	<2	0.08	<0.5	2	24	11	1.73
CC90165		0.30	0.014	0.6	0.96	39	<10	440	<0.5	2	0.08	<0.5	5	35	18	2.07
CC90166		0.30	0.017	1.3	1.04	33	<10	780	<0.5	2	0.10	<0.5	7	36	37	1.92
CC90167		0.28	0.015	0.8	0.96	28	<10	630	<0.5	<2	0.08	<0.5	6	34	32	1.91
CC90168		0.28	0.007	1.0	0.76	24	<10	330	<0.5	<2	0.03	<0.5	2	20	9	1.60
CC90169		0.30	0.008	0.8	0.64	22	<10	310	<0.5	<2	0.03	<0.5	1	18	7	1.83
CC90170		0.32	0.018	1.5	1.01	24	<10	580	<0.5	2	0.04	1.1	5	28	24	1.90
CC90171		0.40	0.019	1.2	0.58	20	<10	580	<0.5	<2	0.06	0.6	2	18	13	1.42
CC90172		0.34	0.013	3.4	0.92	18	<10	600	<0.5	<2	0.06	0.7	1	16	69	1.40
CC90173		0.34	0.003	1.5	0.46	12	<10	510	<0.5	<2	0.02	0.5	1	11	20	0.56
CC90174		0.14	0.014	2.8	0.49	8	<10	310	<0.5	<2	0.05	1.1	1	14	77	0.60
CC90175		0.28	0.010	1.7	0.45	16	<10	320	<0.5	<2	0.07	0.6	1	15	44	1.00
CC90176		0.26	0.006	0.9	0.30	6	<10	140	<0.5	<2	0.04	0.8	1	6	60	0.46
CC90177		0.32	0.020	1.9	1.01	77	<10	270	0.5	<2	0.09	1.1	4	24	50	3.45
CC90178		0.32	0.017	3.5	0.50	27	<10	250	<0.5	<2	0.09	1.5	1	13	100	1.14
CC100151		0.20	0.004	<0.2	2.13	8	<10	250	0.5	<2	0.37	<0.5	15	54	24	3.82
CC100152		0.14	0.011	<0.2	1.72	17	<10	240	<0.5	<2	0.21	<0.5	14	46	25	3.58
CC100153		0.06	0.002	<0.2	0.64	6	<10	120	<0.5	<2	0.13	<0.5	6	9	9	1.03
CC100154		0.08	0.003	0.2	1.30	11	<10	310	0.5	2	0.28	<0.5	15	26	16	2.20
CC100155		0.18	0.006	<0.2	0.99	19	<10	170	<0.5	<2	0.18	<0.5	8	34	21	2.45
CC100156		0.14	0.005	<0.2	1.31	16	<10	220	<0.5	<2	0.26	<0.5	11	44	26	2.67



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 Account: MTT

Project: ARM

CERTIFICATE OF ANALYSIS VA10098077

Sample Description	Method Analyte Units LOR	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	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
CC100101 CC100102 CC100103 CC100104 CC100105		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	
CC100106 CC100107 CC100108 CC90240 CC90241		<10	<1	0.05	10	0.58	329	1	0.01	38	650	10	0.01	<2	2	15
CC90242 CC90243 CC90244 CC90245 CC90246		<10	<1	0.04	20	0.13	76	3	0.01	9	1180	20	0.02	2	1	67
CC90247 CC90248 CC90249 CC90250 CC90164		<10	<1	0.06	20	0.24	206	4	0.01	17	1920	18	0.03	3	2	131
CC90165 CC90166 CC90167 CC90168 CC90169		<10	1	0.06	10	0.31	201	7	0.01	27	830	19	0.05	6	2	75
CC90170 CC90171 CC90172 CC90173 CC90174		<10	<1	0.06	10	0.21	147	9	0.01	27	660	17	0.07	8	2	72
CC90175 CC90176 CC90177 CC90178 CC100151		<10	<1	0.07	10	0.13	86	8	0.01	15	1010	19	0.10	7	1	82
CC100152 CC100153 CC100154 CC100155 CC100156		<10	1	0.06	10	0.09	48	10	0.02	8	1770	22	0.09	9	<1	76
		<10	<1	0.03	10	0.01	14	8	0.01	3	1110	24	0.04	6	<1	96
		<10	1	0.06	10	0.05	20	4	0.02	6	1450	20	0.06	3	<1	78
		<10	<1	0.07	10	0.09	42	10	0.01	10	1110	19	0.07	6	<1	100
		<10	<1	0.03	10	0.01	19	4	0.02	5	710	8	0.02	2	<1	43
		<10	<1	0.06	10	0.14	146	11	0.01	26	3420	31	0.04	10	1	120
		<10	<1	0.06	10	0.03	27	6	0.01	10	1840	22	0.07	4	<1	140
		10	1	0.08	10	0.81	916	<1	0.01	24	540	11	0.03	<2	3	17
		10	<1	0.10	10	0.67	875	1	0.01	23	700	14	0.05	3	3	14
		<10	<1	0.03	<10	0.12	629	<1	0.03	5	840	5	0.06	<2	<1	9
		10	<1	0.07	10	0.36	2310	1	0.02	15	1200	13	0.10	<2	1	17
		<10	<1	0.09	20	0.54	403	1	0.01	24	470	13	0.03	<2	2	11
		<10	<1	0.07	20	0.68	528	<1	0.01	36	760	13	0.02	<2	3	16



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CERTIFICATE OF ANALYSIS VA10098077

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
CC100101 CC100102 CC100103 CC100104 CC100105								
CC100106 CC100107 CC100108 CC90240 CC90241		<20 <20	0.04 0.05	<10 <10	<10 <10	59 48	<10 <10	70 74
CC90242 CC90243 CC90244 CC90245 CC90246		<20 <20 <20 <20 <20	0.02 0.03 0.02 0.01 0.02	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	62 56 81 62 83	<10 <10 <10 <10 <10	44 65 108 119 70
CC90247 CC90248 CC90249 CC90250 CC90164		<20 <20 <20 <20 <20	0.02 0.02 0.02 0.02 0.02	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	59 72 45 53 46	<10 <10 <10 <10 <10	112 71 110 70 46
CC90165 CC90166 CC90167 CC90168 CC90169		<20 <20 <20 <20 <20	0.03 0.03 0.03 0.02 0.03	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	49 44 41 54 61	<10 <10 <10 <10 <10	52 60 71 29 25
CC90170 CC90171 CC90172 CC90173 CC90174		<20 <20 <20 <20 <20	0.02 0.02 <0.01 0.01 <0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	44 36 44 40 26	<10 <10 <10 <10 <10	87 67 34 19 27
CC90175 CC90176 CC90177 CC90178 CC100151		<20 <20 <20 <20 <20	0.01 <0.01 0.01 0.01 0.16	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	40 25 85 36 60	<10 <10 <10 <10 <10	79 30 201 67 74
CC100152 CC100153 CC100154 CC100155 CC100156		<20 <20 <20 <20 <20	0.16 0.02 0.03 0.11 0.10	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	54 17 35 40 41	<10 <10 <10 <10 <10	73 16 46 60 65



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Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC100157		0.14	0.010	<0.2	1.24	17	<10	270	<0.5	<2	0.26	<0.5	11	37	30	2.54
CC100158		0.18	0.007	<0.2	1.40	22	<10	220	<0.5	<2	0.12	<0.5	9	41	29	2.63
CC100159		0.20	0.010	<0.2	1.19	24	<10	290	<0.5	<2	0.20	<0.5	10	33	43	2.52
CC100160		0.20	0.051	0.2	1.25	74	<10	290	<0.5	<2	0.16	<0.5	10	36	45	3.56
CC100161		0.16	0.013	0.2	1.25	50	<10	370	<0.5	<2	0.19	<0.5	11	34	40	2.72
CC100162		0.16	0.013	<0.2	1.05	54	<10	270	<0.5	2	0.23	<0.5	11	28	54	2.69
CC100163		0.16	0.023	0.2	1.13	85	<10	390	<0.5	<2	0.13	<0.5	12	37	56	2.92
CC100164		0.14	0.014	<0.2	0.90	54	<10	290	<0.5	2	0.15	<0.5	8	27	42	2.53
CC100165		0.12	0.023	0.3	1.47	91	<10	570	<0.5	<2	0.23	<0.5	10	35	58	3.17
CC100166		0.12	0.006	0.3	1.30	49	<10	390	0.5	<2	0.20	0.5	6	37	26	2.28
CC100167		0.16	0.006	0.6	0.76	79	<10	400	<0.5	<2	0.04	<0.5	7	20	39	2.67
CC100168		0.12	0.040	2.1	1.61	115	<10	1190	<0.5	<2	0.13	<0.5	5	34	49	2.23
CC100169		0.22	0.022	2.2	0.42	38	<10	1080	<0.5	<2	0.04	<0.5	2	19	23	1.54
CC100170		0.20	0.021	1.6	0.63	38	<10	1380	<0.5	<2	0.05	<0.5	3	28	15	1.79
CC100171		0.18	0.019	1.6	0.43	19	<10	1860	<0.5	<2	0.06	<0.5	2	16	18	1.24
CC100172		0.22	0.035	1.2	0.26	7	<10	1640	<0.5	<2	0.01	<0.5	1	5	6	0.72
CC100173		0.16	0.050	1.9	0.27	8	<10	1860	<0.5	<2	0.01	<0.5	1	9	10	0.72
CC100174		0.14	0.003	<0.2	0.84	6	<10	170	<0.5	<2	0.02	0.6	10	12	33	2.72
CC100175		0.12	0.010	0.4	0.58	21	<10	180	<0.5	<2	0.05	5.9	4	15	37	1.82
CC100176		0.14	0.004	0.3	0.57	8	<10	200	<0.5	<2	0.12	0.8	4	11	47	1.37
CC100177		0.14	0.027	1.9	0.50	28	<10	540	<0.5	<2	0.05	1.3	3	13	211	2.92
CC100178		0.14	0.007	4.3	0.68	30	<10	2260	<0.5	<2	0.03	<0.5	1	33	16	1.41
CC100179		0.16	0.021	1.7	0.18	92	<10	560	<0.5	<2	0.01	<0.5	<1	25	9	1.86
CC100180		0.20	0.021	1.6	0.11	7	<10	220	<0.5	<2	<0.01	<0.5	<1	4	2	2.67
CC100181		0.16	0.012	1.2	0.51	19	<10	620	<0.5	<2	0.05	<0.5	2	14	16	1.32
CC100182		0.14	0.010	4.3	0.39	11	<10	300	<0.5	<2	0.02	<0.5	1	10	8	0.97
CC100183		0.14	0.020	2.4	1.30	35	<10	470	<0.5	<2	0.05	<0.5	4	32	26	2.02
CC100184		0.16	0.008	1.7	0.97	32	<10	460	<0.5	<2	0.04	<0.5	3	25	13	2.09
CC100185		0.14	0.018	1.0	0.18	12	<10	2260	<0.5	<2	0.01	<0.5	<1	8	7	0.48
CC100186		0.12	0.011	0.9	0.90	17	<10	2530	<0.5	<2	0.15	<0.5	4	33	43	1.38
CC100187		0.20	0.013	0.9	0.64	22	<10	1010	<0.5	<2	0.17	<0.5	6	26	25	1.62
CC100188		0.20	0.008	0.4	1.31	14	<10	220	<0.5	<2	0.25	0.7	15	77	20	2.77
CC100189		0.16	0.015	1.4	1.14	41	<10	1660	<0.5	<2	0.12	<0.5	7	45	31	2.33
CC100190		0.22	0.021	1.7	0.91	22	<10	910	<0.5	<2	0.08	<0.5	7	37	26	1.91
CC100191		0.16	0.011	0.9	0.65	32	<10	730	<0.5	<2	0.11	<0.5	4	22	22	1.47
CC100192		0.14	0.008	<0.2	0.77	69	<10	440	<0.5	<2	0.07	<0.5	5	11	29	1.73
CC100193		0.16	0.028	<0.2	0.95	166	<10	500	<0.5	<2	0.09	<0.5	9	24	73	2.86
CC100194		0.16	0.009	0.2	0.66	65	<10	250	<0.5	<2	0.07	<0.5	2	7	26	1.09
CC100195		0.10	0.010	0.7	0.97	71	<10	490	0.5	<2	0.18	0.5	5	19	44	1.53
CC100196		0.28	0.189	0.5	0.37	1270	<10	420	<0.5	<2	0.26	2.4	5	3	40	3.56



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Sample Description	Method Analyte Units LOR	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	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC100157		<10	<1	0.06	20	0.59	670	<1	0.01	31	630	12	0.01	2	3	15
CC100158		<10	<1	0.06	20	0.58	440	1	0.01	33	540	14	0.03	2	2	10
CC100159		<10	<1	0.05	20	0.53	570	1	0.01	33	620	14	0.01	<2	3	13
CC100160		<10	<1	0.05	20	0.51	885	1	0.01	28	820	112	0.01	<2	3	12
CC100161		<10	<1	0.05	20	0.51	811	1	0.01	32	660	31	0.01	3	3	14
CC100162		<10	<1	0.06	20	0.50	830	1	0.01	37	710	18	0.01	3	3	19
CC100163		<10	<1	0.06	20	0.43	1415	1	0.01	44	650	31	0.02	2	3	12
CC100164		<10	<1	0.06	20	0.33	641	1	0.01	31	540	25	0.03	3	2	12
CC100165		<10	<1	0.08	20	0.46	930	1	0.02	41	720	34	0.03	4	2	19
CC100166		10	<1	0.08	10	0.36	1020	2	0.01	18	1490	14	0.09	<2	<1	17
CC100167		<10	<1	0.05	20	0.18	655	4	0.01	26	590	28	0.05	5	1	51
CC100168		<10	1	0.09	20	0.23	218	5	0.02	38	1510	41	0.07	6	1	83
CC100169		<10	<1	0.11	20	0.08	75	26	0.01	8	2890	27	0.20	15	3	278
CC100170		<10	1	0.06	10	0.18	96	24	0.01	13	990	19	0.08	22	1	92
CC100171		<10	<1	0.07	10	0.11	63	19	0.01	8	1030	19	0.11	13	2	107
CC100172		<10	<1	0.06	10	0.02	14	3	0.01	1	400	16	0.11	8	1	51
CC100173		<10	<1	0.09	10	0.03	45	3	0.01	3	450	27	0.15	8	1	84
CC100174		<10	<1	0.02	20	0.16	791	2	0.01	30	340	6	0.01	2	1	25
CC100175		<10	<1	0.05	10	0.09	105	6	0.01	25	1070	17	0.03	3	<1	55
CC100176		<10	<1	0.04	20	0.08	98	3	<0.01	21	710	18	0.02	3	1	87
CC100177		<10	<1	0.11	10	0.01	55	18	0.01	35	1910	29	0.23	6	1	601
CC100178		<10	<1	0.07	20	0.02	29	23	0.02	3	4200	26	0.10	15	2	459
CC100179		<10	1	0.22	20	0.01	5	28	0.01	<1	3550	32	0.43	23	5	188
CC100180		<10	<1	0.48	20	0.01	<5	3	0.01	<1	1510	62	0.91	6	2	51
CC100181		<10	<1	0.07	10	0.08	53	12	0.01	9	950	26	0.09	8	2	100
CC100182		<10	<1	0.04	10	0.02	25	15	<0.01	6	390	32	0.06	8	<1	41
CC100183		<10	<1	0.08	10	0.17	100	8	0.01	17	990	23	0.09	7	2	118
CC100184		<10	<1	0.07	10	0.14	107	9	0.01	13	880	20	0.09	7	2	108
CC100185		<10	1	0.07	10	0.01	<5	52	0.02	<1	1320	18	0.14	15	2	242
CC100186		<10	<1	0.06	10	0.19	104	5	0.03	50	790	18	0.07	5	1	86
CC100187		<10	<1	0.08	20	0.28	249	7	0.01	25	1200	15	0.09	7	3	111
CC100188		<10	<1	0.08	10	0.83	651	2	0.01	68	1550	12	0.03	3	2	35
CC100189		<10	<1	0.11	20	0.27	487	16	0.02	28	1950	28	0.14	15	1	122
CC100190		<10	1	0.06	10	0.35	195	8	0.01	28	550	18	0.07	9	3	47
CC100191		<10	<1	0.06	20	0.22	201	6	0.01	17	970	16	0.06	7	2	97
CC100192		<10	<1	0.04	10	0.10	1270	2	0.02	11	780	18	0.05	2	<1	9
CC100193		<10	<1	0.05	20	0.40	971	1	0.01	39	660	20	0.02	4	1	20
CC100194		<10	<1	0.03	10	0.05	152	<1	0.01	12	890	8	0.05	2	<1	7
CC100195		<10	<1	0.05	10	0.10	711	1	0.02	19	1900	18	0.09	<2	<1	16
CC100196		<10	<1	0.05	40	0.08	1140	7	0.01	39	260	39	0.15	5	2	33



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
CC100157		<20	0.09	<10	<10	40	<10	65
CC100158		<20	0.07	<10	<10	42	<10	67
CC100159		<20	0.09	<10	<10	38	<10	74
CC100160		<20	0.07	<10	<10	40	<10	151
CC100161		<20	0.07	<10	<10	38	<10	83
CC100162		<20	0.07	<10	<10	33	<10	100
CC100163		<20	0.04	<10	<10	35	<10	105
CC100164		<20	0.04	<10	<10	33	<10	90
CC100165		<20	0.03	<10	<10	42	<10	106
CC100166		<20	0.01	<10	<10	42	<10	63
CC100167		<20	0.03	<10	<10	38	<10	80
CC100168		<20	0.01	<10	<10	44	<10	162
CC100169		<20	0.01	<10	<10	59	<10	19
CC100170		<20	0.02	<10	<10	54	<10	19
CC100171		<20	0.02	<10	<10	38	<10	15
CC100172		<20	0.01	<10	<10	16	<10	3
CC100173		<20	0.01	<10	<10	16	<10	7
CC100174		<20	0.01	<10	<10	18	<10	143
CC100175		<20	0.01	<10	<10	47	<10	226
CC100176		<20	0.01	<10	<10	30	<10	146
CC100177		<20	<0.01	<10	<10	94	<10	264
CC100178		<20	0.01	<10	<10	119	<10	35
CC100179		<20	0.01	<10	<10	51	<10	2
CC100180		<20	0.01	<10	<10	6	<10	<2
CC100181		<20	0.02	<10	<10	43	<10	46
CC100182		<20	0.02	<10	<10	45	<10	20
CC100183		<20	0.02	<10	<10	56	<10	46
CC100184		<20	0.02	<10	<10	57	<10	35
CC100185		<20	0.01	<10	<10	81	<10	2
CC100186		<20	0.02	<10	<10	49	<10	26
CC100187		<20	0.04	<10	<10	42	<10	41
CC100188		<20	0.04	<10	<10	55	<10	80
CC100189		<20	0.01	<10	<10	71	<10	50
CC100190		<20	0.03	<10	<10	40	<10	33
CC100191		<20	0.03	<10	<10	36	<10	35
CC100192		<20	0.01	<10	<10	21	<10	26
CC100193		<20	0.02	<10	<10	28	<10	112
CC100194		<20	0.01	<10	<10	14	<10	38
CC100195		<20	<0.01	<10	<10	23	<10	56
CC100196		30	<0.01	<10	<10	6	<10	283



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Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC100197		0.14	0.024	<0.2	0.56	33	<10	180	<0.5	<2	0.05	<0.5	3	15	20	1.18
CC100198		0.14	0.014	<0.2	1.53	139	<10	500	<0.5	<2	0.16	<0.5	8	41	48	2.98
CC100199		0.14	0.006	0.3	0.78	23	<10	300	<0.5	<2	0.08	<0.5	6	19	23	1.69
CC100200		0.20	0.007	0.5	1.15	30	<10	400	<0.5	<2	0.15	<0.5	4	21	29	1.69
CC100239		0.38	0.013	0.7	0.92	28	<10	780	<0.5	<2	0.19	<0.5	9	34	32	2.00
CC100240		0.36	0.011	1.0	0.79	27	<10	730	<0.5	2	0.11	<0.5	6	28	24	1.74
CC100241		0.28	0.017	2.6	1.43	35	<10	690	0.5	<2	0.15	<0.5	12	42	37	2.17
CC100242		0.30	0.014	0.6	0.80	48	<10	560	<0.5	<2	0.07	<0.5	6	32	20	2.33
CC100243		0.36	0.034	1.9	1.12	54	<10	2880	0.5	<2	0.22	<0.5	3	19	57	1.62
CC100244		0.34	0.013	0.7	0.62	52	<10	1060	<0.5	<2	0.11	<0.5	4	18	26	1.50
CC100245		0.30	0.012	0.5	0.55	32	<10	770	<0.5	<2	0.11	<0.5	3	16	18	1.08
CC100246		0.30	0.008	1.1	0.48	28	<10	470	<0.5	<2	0.03	<0.5	1	13	12	1.07
CC100247		0.34	0.012	1.0	0.59	24	<10	710	<0.5	<2	0.05	<0.5	2	18	12	1.35
CC100248		0.20	0.014	2.1	1.05	41	<10	1200	<0.5	<2	0.04	<0.5	2	26	12	2.26
CC100249		0.24	0.014	2.5	0.50	19	<10	1120	<0.5	<2	0.03	<0.5	1	15	8	1.15
CC100301		0.28	0.046	3.3	0.45	25	<10	1410	<0.5	<2	0.02	<0.5	1	16	9	1.40
CC100302		0.20	0.024	3.6	0.62	40	<10	1500	<0.5	<2	0.03	<0.5	2	22	13	1.82
CC100303		0.26	0.025	3.2	1.06	39	<10	1090	<0.5	<2	0.06	<0.5	3	32	35	1.86
CC100304		0.26	0.007	0.9	0.64	23	<10	570	<0.5	<2	0.05	<0.5	1	20	10	1.44
CC100305		0.26	0.012	1.1	0.65	25	<10	600	<0.5	<2	0.06	<0.5	2	23	15	1.53
CC100306		0.24	0.009	1.2	0.58	27	<10	500	<0.5	<2	0.14	0.6	3	20	53	1.62
CC100307		0.24	0.004	5.7	0.32	50	<10	460	<0.5	<2	0.01	<0.5	<1	34	47	1.89
CC100308		0.30	0.004	0.5	0.64	19	<10	180	<0.5	<2	0.04	<0.5	2	15	17	1.03
CC100309		0.16	0.011	2.5	0.28	34	<10	390	<0.5	<2	0.04	<0.5	1	14	14	1.70
CC100310		0.20	0.018	5.8	0.40	44	<10	990	<0.5	<2	0.03	<0.5	1	28	11	2.07
CC100311		0.18	0.039	5.2	0.31	51	<10	940	<0.5	<2	0.04	<0.5	1	17	12	1.53
CC100312		0.26	0.051	1.9	0.39	31	<10	910	<0.5	2	0.02	<0.5	1	15	12	1.47
CC100313		0.22	0.040	2.3	0.27	35	<10	570	<0.5	3	0.02	<0.5	<1	10	5	1.63
CC100314		0.20	0.019	1.3	0.74	26	<10	410	<0.5	3	0.05	<0.5	3	22	21	2.02
CC100315		0.24	0.015	1.4	0.64	29	<10	550	<0.5	3	0.10	<0.5	4	21	33	1.53
CC100316		0.20	0.020	2.4	0.20	15	<10	1560	<0.5	2	0.01	<0.5	1	8	6	0.90
CC100317		0.24	0.031	3.0	0.15	23	<10	1310	<0.5	<2	0.01	<0.5	<1	7	8	1.47
CC100318		0.24	0.007	0.4	0.67	64	<10	390	<0.5	3	0.02	<0.5	3	10	20	1.53
CC100319		0.20	0.007	0.4	0.52	94	<10	390	<0.5	3	0.03	<0.5	4	12	31	2.02
CC100320		0.18	0.038	0.3	0.62	173	<10	410	<0.5	<2	0.03	<0.5	16	12	135	3.09
CC100321		0.26	0.019	<0.2	0.93	65	<10	210	<0.5	<2	0.05	<0.5	9	26	44	2.59
CC100322		0.28	0.016	<0.2	1.10	60	<10	260	<0.5	<2	0.08	<0.5	11	33	49	2.73
CC100323		0.22	0.007	<0.2	1.38	46	<10	360	<0.5	<2	0.08	<0.5	11	35	48	2.78
CC100324		0.44	0.009	<0.2	1.02	59	<10	350	<0.5	<2	0.10	<0.5	12	22	58	2.43
CC100325		0.30	0.021	<0.2	1.46	20	<10	270	<0.5	<2	0.20	<0.5	11	111	21	3.12



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		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC100197		<10	<1	0.04	10	0.13	211	1	0.01	14	510	10	0.04	3	<1	7
CC100198		10	<1	0.09	20	0.55	467	1	0.01	40	670	15	0.04	3	2	19
CC100199		<10	<1	0.06	10	0.23	496	1	0.01	18	640	12	0.04	2	1	16
CC100200		<10	<1	0.05	10	0.21	390	1	0.02	19	1030	11	0.06	2	1	16
CC100239		<10	<1	0.07	20	0.44	488	6	0.01	40	1050	16	0.07	3	4	101
CC100240		<10	<1	0.07	10	0.29	242	8	<0.01	23	940	17	0.08	6	2	104
CC100241		<10	<1	0.06	10	0.47	295	6	0.01	57	750	24	0.07	4	3	64
CC100242		<10	<1	0.08	10	0.27	203	9	<0.01	22	640	21	0.09	6	2	103
CC100243		<10	1	0.07	20	0.16	350	4	0.11	19	1680	20	0.13	3	2	89
CC100244		<10	<1	0.06	20	0.20	294	5	0.04	19	800	14	0.05	5	1	80
CC100245		<10	<1	0.05	20	0.15	132	4	0.04	12	800	13	0.05	3	1	99
CC100246		<10	<1	0.05	10	0.06	54	7	0.02	7	580	16	0.03	5	1	82
CC100247		<10	<1	0.07	10	0.10	73	9	0.03	8	1100	16	0.08	8	2	146
CC100248		<10	1	0.11	20	0.12	90	15	0.05	10	1890	21	0.15	14	5	246
CC100249		<10	<1	0.07	10	0.05	46	10	0.04	4	990	17	0.09	8	1	142
CC100301		<10	1	0.11	10	0.07	50	22	0.05	6	1610	28	0.18	22	3	243
CC100302		<10	1	0.14	20	0.06	65	21	0.06	6	3320	21	0.23	29	7	574
CC100303		<10	1	0.13	20	0.20	112	12	0.04	19	1510	18	0.11	12	3	175
CC100304		<10	<1	0.08	20	0.09	70	8	0.02	9	760	18	0.06	4	1	97
CC100305		<10	<1	0.09	20	0.11	70	9	0.03	12	920	19	0.06	5	1	134
CC100306		<10	<1	0.05	20	0.14	107	9	0.02	18	1620	16	0.01	8	2	102
CC100307		<10	<1	0.10	10	0.01	10	25	0.02	2	7560	43	0.19	15	1	64
CC100308		<10	<1	0.05	20	0.07	52	9	0.01	11	620	16	0.01	2	<1	91
CC100309		<10	<1	0.14	20	0.03	86	88	0.02	8	700	39	0.25	7	<1	48
CC100310		<10	<1	0.15	10	0.05	24	66	0.04	4	3750	34	0.27	23	2	215
CC100311		<10	2	0.18	10	0.05	24	38	0.01	2	1780	49	0.32	25	3	356
CC100312		<10	<1	0.10	10	0.06	37	12	0.01	5	940	26	0.18	8	4	92
CC100313		<10	<1	0.13	10	0.02	14	6	0.01	3	1390	30	0.29	5	5	83
CC100314		<10	<1	0.08	10	0.13	98	7	0.01	14	1120	23	0.10	4	1	93
CC100315		<10	1	0.09	10	0.17	179	10	0.01	20	1360	17	0.08	5	4	134
CC100316		<10	<1	0.06	10	0.02	15	32	0.02	2	530	21	0.15	12	1	116
CC100317		<10	<1	0.08	10	0.02	15	18	0.01	2	2500	23	0.19	14	4	139
CC100318		<10	<1	0.04	20	0.11	220	4	0.01	11	510	19	0.02	<2	1	33
CC100319		<10	<1	0.05	20	0.09	303	3	0.01	19	920	18	0.02	2	1	49
CC100320		<10	<1	0.04	20	0.12	1715	5	0.01	71	490	19	<0.01	<2	2	12
CC100321		<10	<1	0.06	20	0.26	583	1	0.01	31	400	17	<0.01	2	2	12
CC100322		<10	<1	0.06	20	0.41	779	1	0.01	43	410	20	<0.01	<2	2	11
CC100323		<10	<1	0.07	20	0.48	862	1	0.02	36	430	18	<0.01	2	3	14
CC100324		<10	<1	0.05	30	0.35	743	1	0.01	36	520	14	<0.01	4	3	13
CC100325		<10	<1	0.07	20	1.02	401	1	0.02	77	730	14	<0.01	<2	2	16



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CERTIFICATE OF ANALYSIS VA10098077

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
CC100197		<20	0.02	<10	<10	25	<10	38
CC100198		<20	0.04	<10	<10	44	<10	125
CC100199		<20	0.03	<10	<10	28	<10	59
CC100200		<20	0.01	<10	<10	27	<10	57
CC100239		<20	0.05	<10	<10	45	<10	55
CC100240		<20	0.03	<10	<10	45	<10	39
CC100241		<20	0.03	<10	<10	41	<10	56
CC100242		<20	0.03	<10	<10	57	<10	46
CC100243		<20	0.01	<10	20	31	<10	71
CC100244		<20	0.02	<10	<10	31	<10	60
CC100245		<20	0.02	<10	<10	28	<10	55
CC100246		<20	0.02	<10	<10	37	<10	23
CC100247		<20	0.03	<10	<10	46	<10	30
CC100248		<20	0.03	<10	<10	78	<10	29
CC100249		<20	0.03	<10	<10	48	<10	18
CC100301		<20	0.02	<10	<10	42	<10	18
CC100302		<20	0.02	<10	<10	102	<10	22
CC100303		<20	0.03	<10	<10	72	<10	44
CC100304		<20	0.03	<10	<10	57	<10	34
CC100305		<20	0.03	<10	<10	60	<10	49
CC100306		<20	0.02	<10	<10	52	<10	89
CC100307		<20	0.01	<10	<10	43	<10	12
CC100308		<20	0.01	<10	<10	41	<10	99
CC100309		<20	0.02	<10	<10	65	<10	54
CC100310		<20	0.02	<10	<10	126	<10	25
CC100311		<20	0.02	<10	<10	78	<10	13
CC100312		<20	0.02	<10	<10	35	<10	19
CC100313		<20	0.02	<10	<10	26	<10	8
CC100314		<20	0.02	<10	<10	44	<10	49
CC100315		<20	0.02	<10	<10	45	<10	42
CC100316		<20	0.02	<10	<10	27	<10	6
CC100317		<20	0.01	<10	<10	28	<10	3
CC100318		<20	0.01	<10	<10	24	<10	49
CC100319		<20	0.02	<10	<10	28	<10	61
CC100320		<20	0.02	<10	<10	20	<10	144
CC100321		<20	0.04	<10	<10	34	<10	82
CC100322		<20	0.05	<10	<10	37	<10	97
CC100323		<20	0.05	<10	<10	41	<10	83
CC100324		<20	0.04	<10	<10	33	<10	84
CC100325		<20	0.05	<10	<10	60	<10	71



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CERTIFICATE OF ANALYSIS	VA10098077
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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC100326		0.26	0.006	<0.2	1.54	24	<10	460	0.5	<2	0.37	<0.5	15	36	47	3.10
CC100327		0.30	0.005	<0.2	1.27	20	<10	430	<0.5	<2	0.27	<0.5	9	27	37	2.56
CC100328		0.32	0.008	<0.2	1.27	18	<10	350	<0.5	<2	0.17	<0.5	9	30	38	2.35
CC100329		0.24	0.006	<0.2	1.45	23	<10	350	<0.5	<2	0.23	<0.5	10	34	33	2.85
CC100330		0.36	0.005	0.2	1.07	19	<10	300	<0.5	<2	0.22	0.7	10	25	64	2.33
CC100331		0.34	0.012	<0.2	1.25	23	<10	250	<0.5	<2	0.18	0.6	10	30	23	2.53
CC100332		0.32	0.007	0.3	1.24	13	<10	220	<0.5	<2	0.22	0.6	10	29	22	2.54
CC100333		0.34	0.001	<0.2	1.95	13	<10	300	0.6	<2	0.33	0.8	16	44	30	3.66
CC100334		0.36	0.002	<0.2	1.75	12	<10	340	0.6	<2	0.40	0.7	16	41	33	3.40
CC100335		0.32	0.003	<0.2	1.65	11	<10	250	0.5	<2	0.44	0.8	16	40	32	3.16
CC100336		0.30	0.001	<0.2	2.13	10	<10	240	<0.5	<2	0.33	0.8	15	52	23	3.88
CC100337		0.32	0.001	<0.2	2.28	9	<10	210	0.6	<2	0.36	0.9	21	53	25	4.03
CC100001		0.20	0.004	0.9	0.87	27	<10	410	<0.5	<2	0.11	0.6	4	29	11	2.05
CC100002		0.24	0.008	3.1	1.41	37	<10	590	0.5	<2	0.11	1.0	5	37	21	3.03
CC100003		0.28	0.005	1.8	1.27	28	<10	680	0.5	<2	0.07	0.8	3	33	14	2.77
CC100004		0.18	0.004	1.8	0.76	34	<10	450	<0.5	<2	0.06	0.7	2	23	9	2.41
CC100005		0.20	0.003	0.9	0.46	17	<10	250	<0.5	<2	0.06	0.6	2	11	18	1.14
CC100006		0.24	0.006	0.7	0.77	24	<10	220	<0.5	<2	0.08	1.3	4	16	25	2.16
CC100007		0.22	0.016	2.1	0.73	33	<10	590	<0.5	<2	0.50	7.1	4	20	67	1.62
CC100008		0.22	0.015	2.0	0.67	27	<10	980	<0.5	<2	0.33	6.6	5	19	59	1.51



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Sample Description	Method Analyte Units LOR	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	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	
CC100326		<10	<1	0.08	20	0.66	739	1	0.03	35	860	11	<0.01	<2	5	26
CC100327		<10	<1	0.08	30	0.51	585	1	0.02	25	650	13	<0.01	<2	4	20
CC100328		<10	<1	0.06	30	0.48	464	1	0.02	27	500	13	<0.01	<2	3	15
CC100329		<10	1	0.08	30	0.56	497	1	0.02	27	510	14	<0.01	<2	4	16
CC100330		<10	<1	0.08	30	0.43	478	2	<0.01	63	570	25	0.03	<2	3	16
CC100331		<10	<1	0.07	20	0.48	444	<1	<0.01	23	610	13	0.02	<2	3	12
CC100332		<10	<1	0.07	20	0.56	457	1	<0.01	20	520	17	0.02	<2	3	14
CC100333		10	<1	0.09	20	0.78	655	<1	<0.01	26	620	11	0.01	<2	5	17
CC100334		<10	<1	0.09	20	0.78	753	<1	<0.01	25	510	11	0.01	<2	6	20
CC100335		<10	<1	0.10	20	0.83	704	<1	<0.01	21	620	10	0.02	<2	5	22
CC100336		10	1	0.06	10	0.85	685	<1	<0.01	22	390	9	0.05	<2	3	16
CC100337		10	<1	0.07	10	0.96	883	<1	<0.01	26	450	7	0.06	<2	4	15
CC100001		<10	<1	0.06	10	0.24	172	5	<0.01	18	1950	16	0.06	<2	2	56
CC100002		<10	<1	0.06	10	0.21	235	9	<0.01	19	2090	16	0.07	4	2	75
CC100003		<10	<1	0.07	10	0.18	123	6	<0.01	15	2310	19	0.07	<2	2	86
CC100004		<10	<1	0.06	10	0.11	91	7	<0.01	9	2640	18	0.08	<2	1	78
CC100005		<10	<1	0.04	10	0.04	43	5	<0.01	10	1360	19	0.05	<2	<1	169
CC100006		<10	<1	0.05	10	0.12	80	6	<0.01	17	1930	15	0.05	<2	1	89
CC100007		<10	<1	0.09	10	0.16	226	11	<0.01	67	2000	16	0.09	7	2	154
CC100008		<10	<1	0.09	10	0.15	396	14	<0.01	40	2120	17	0.12	6	1	142



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CERTIFICATE OF ANALYSIS VA10098077

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
CC100326		<20	0.14	<10	<10	51	<10	90
CC100327		<20	0.12	<10	<10	36	<10	71
CC100328		<20	0.08	<10	<10	37	<10	63
CC100329		<20	0.14	<10	<10	47	<10	67
CC100330		<20	0.08	<10	<10	30	<10	82
CC100331		<20	0.07	<10	<10	35	<10	53
CC100332		<20	0.11	<10	<10	37	<10	52
CC100333		<20	0.18	<10	<10	59	<10	65
CC100334		<20	0.14	<10	<10	50	<10	60
CC100335		<20	0.17	<10	<10	49	<10	60
CC100336		<20	0.18	<10	<10	59	<10	64
CC100337		<20	0.18	<10	<10	59	<10	68
CC100001		<20	0.03	<10	<10	47	<10	66
CC100002		<20	0.02	<10	<10	69	<10	78
CC100003		<20	0.02	<10	<10	75	<10	65
CC100004		<20	0.03	<10	<10	68	<10	38
CC100005		<20	0.01	<10	<10	40	<10	43
CC100006		<20	0.02	<10	<10	44	<10	85
CC100007		<20	0.01	<10	10	62	<10	259
CC100008		<20	0.01	<10	<10	53	<10	277



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CERTIFICATE WH10134599

Project: ARM
 P.O. No.: Batch 2
 This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- SEP- 2010.
 The following have access to data associated with this certificate:
 JOAN MARIACHER BILL WENGZYNOWSKI

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH10134599

Sample Description	Method Analyte Units LOR	WEI- 21	Au- AA24	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
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E146837		4.45	0.012	4.9	0.61	81	<10	40	0.6	<2	0.21	63.5	10	44	242	1.70
E146838		5.21	0.008	3.0	0.46	63	<10	70	<0.5	<2	0.15	23.6	11	28	99	1.61
E146839		5.26	0.006	3.7	0.62	70	<10	50	0.5	<2	0.12	17.1	8	22	83	1.71
E146840		5.72	0.012	4.0	0.65	56	<10	50	0.5	<2	0.11	17.1	10	22	97	2.24
E146841		0.26	0.227	>100	0.70	5340	<10	40	0.5	11	11.8	314	19	16	2510	4.32
E146842		5.26	<0.005	4.0	0.51	90	<10	90	<0.5	<2	0.29	22.8	5	29	107	1.24
E146843		5.49	0.013	4.1	0.58	35	<10	40	<0.5	<2	0.34	22.1	8	24	65	2.04
E146844		4.98	0.013	4.1	0.73	64	<10	40	0.6	<2	0.52	31.9	8	31	116	2.06
E146845		5.50	0.009	3.8	0.59	86	<10	50	<0.5	<2	0.40	9.9	7	32	127	1.56
E146846		5.83	0.007	3.7	0.57	98	<10	60	<0.5	<2	0.54	23.2	6	33	125	1.44
E146847		1.11	<0.005	0.4	0.04	2	<10	20	<0.5	<2	19.0	<0.5	2	1	9	0.57
E146848		4.71	0.014	4.4	0.53	153	<10	100	0.5	<2	1.12	32.3	5	46	161	1.18
E146849		3.77	<0.005	1.1	0.56	43	<10	160	<0.5	<2	0.48	3.8	16	9	58	3.15
E146850		2.08	<0.005	0.2	0.28	3	<10	100	<0.5	<2	0.34	2.5	1	9	7	0.46
E146851		4.90	0.016	1.4	0.66	48	<10	120	0.6	<2	0.34	14.7	11	16	106	1.54
E146852		3.37	0.009	0.8	0.70	15	<10	260	0.5	<2	0.13	2.7	9	10	53	1.05
E146853		3.87	0.006	0.5	0.40	12	<10	210	<0.5	<2	1.45	6.0	8	4	46	3.68
E146854		4.11	<0.005	0.6	0.35	12	<10	210	<0.5	<2	2.10	4.6	6	4	45	1.22
E146855		1.70	0.006	0.7	0.40	29	<10	220	<0.5	<2	2.46	3.8	11	5	50	1.70
E146856		3.12	<0.005	0.5	0.51	14	<10	200	<0.5	<2	1.80	1.3	11	7	50	2.94
E146857		4.58	<0.005	1.0	0.51	11	<10	200	<0.5	<2	4.31	2.6	8	6	27	2.49
E146858		3.59	<0.005	0.5	1.34	9	<10	310	<0.5	<2	0.97	2.7	11	14	68	4.80
E146859		0.12	2.06	15.9	0.97	26	<10	30	<0.5	2	0.31	57.7	12	43	5330	9.34
E146860		3.66	<0.005	0.5	0.79	13	<10	320	<0.5	<2	1.24	1.4	11	15	147	4.02
E146861		4.57	0.033	1.2	0.24	28	<10	100	<0.5	<2	0.14	2.9	6	11	108	2.50
E146862		4.94	0.043	1.4	0.25	37	<10	100	<0.5	<2	0.08	3.4	7	13	124	2.02
E146863		5.30	0.028	1.1	0.22	23	<10	160	<0.5	<2	0.05	3.2	7	14	81	1.66
E146864		6.05	0.014	1.0	0.21	23	<10	100	<0.5	<2	0.04	3.8	8	18	93	1.86
E146865		5.77	0.033	1.7	0.21	36	<10	70	<0.5	<2	0.07	5.5	6	21	129	2.48
E146866		5.06	0.012	1.2	0.27	26	<10	140	<0.5	<2	0.06	2.9	6	13	108	1.88
E146867		1.31	<0.005	<0.2	0.05	4	<10	30	<0.5	<2	19.4	<0.5	1	1	1	0.37
E146868		5.38	0.010	1.1	0.25	15	<10	160	<0.5	<2	0.08	2.0	5	11	121	1.58
E146869		5.47	0.024	1.7	0.25	25	<10	60	<0.5	<2	0.06	1.2	6	11	97	2.67
E146870		5.08	0.012	1.1	0.31	85	<10	160	<0.5	<2	0.56	4.9	5	31	137	1.46
E146871		4.42	0.008	1.1	0.36	93	<10	200	<0.5	<2	1.80	5.9	4	51	161	1.04
E146872		5.15	0.006	0.7	0.45	31	<10	160	<0.5	<2	0.24	1.5	11	10	100	1.78



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CERTIFICATE OF ANALYSIS WH10134599

Sample Description	Method Analyte Units LOR	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	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E146837		<10	3	0.19	30	0.03	51	91	0.01	186	3090	38	1.74	13	3	592
E146838		<10	2	0.11	10	0.01	70	21	0.01	105	2990	21	1.63	9	3	568
E146839		<10	1	0.12	10	0.01	53	30	0.01	98	3390	15	1.73	21	4	754
E146840		<10	1	0.14	10	0.01	71	26	0.01	104	3150	18	2.17	29	4	893
E146841		<10	7	0.14	10	0.46	5980	4	0.02	18	820	>10000	6.5	123	2	588
E146842		<10	1	0.10	10	0.01	55	19	0.01	111	3410	9	1.17	32	4	765
E146843		<10	1	0.12	10	0.02	42	9	0.01	72	4010	20	2.06	24	4	757
E146844		<10	1	0.15	10	0.01	75	34	0.01	100	5400	16	1.98	29	5	835
E146845		<10	1	0.12	10	0.01	62	19	0.01	116	4120	11	1.50	25	4	683
E146846		<10	2	0.12	10	0.01	52	29	0.01	127	4430	15	1.46	16	4	758
E146847		<10	<1	0.02	10	11.85	190	<1	0.02	1	290	3	<0.01	<2	<1	60
E146848		<10	2	0.15	10	0.03	52	32	0.01	154	6610	25	1.24	13	3	1155
E146849		<10	1	0.28	10	0.13	879	2	0.01	44	2610	13	1.08	3	2	384
E146850		<10	1	0.06	<10	0.16	56	<1	0.01	10	1500	<2	0.01	<2	<1	60
E146851		<10	<1	0.18	10	0.02	33	5	0.01	42	4380	13	1.53	5	2	502
E146852		<10	1	0.28	10	0.03	65	1	0.01	19	2880	8	0.75	3	1	404
E146853		<10	<1	0.23	10	0.58	1065	1	0.01	50	1400	10	0.99	2	2	235
E146854		<10	<1	0.23	10	0.94	329	1	0.01	20	780	6	0.52	<2	1	246
E146855		<10	<1	0.25	10	1.12	371	3	0.01	35	890	12	0.89	3	2	321
E146856		<10	<1	0.22	10	1.01	908	1	0.01	50	430	4	0.33	<2	2	257
E146857		<10	<1	0.23	10	2.14	852	1	0.01	29	380	7	0.22	<2	2	766
E146858		<10	<1	0.30	10	0.99	1260	<1	0.02	60	1710	9	0.53	<2	2	227
E146859		<10	1	0.10	<10	1.00	346	13	0.02	24	110	258	>10.0	<2	2	8
E146860		<10	<1	0.30	10	0.33	1190	2	0.01	106	5550	20	0.48	3	2	344
E146861		<10	<1	0.13	<10	0.03	118	2	0.01	39	740	14	2.31	5	1	96
E146862		<10	<1	0.15	<10	0.02	40	3	0.01	56	480	14	1.96	3	1	58
E146863		<10	<1	0.13	<10	0.01	47	1	0.01	41	330	11	1.56	2	1	42
E146864		<10	<1	0.12	<10	0.01	45	1	0.01	49	260	10	1.66	4	1	37
E146865		<10	<1	0.11	<10	0.01	28	3	0.01	71	500	18	2.44	7	1	80
E146866		<10	<1	0.13	<10	0.01	40	<1	0.01	33	550	11	1.84	5	1	139
E146867		<10	1	0.03	10	12.10	171	<1	0.02	<1	350	<2	<0.01	<2	<1	54
E146868		<10	1	0.13	<10	0.03	33	<1	0.01	29	430	9	1.51	2	1	81
E146869		<10	<1	0.14	<10	0.02	54	3	<0.01	42	360	21	2.68	7	1	40
E146870		<10	<1	0.13	<10	0.02	34	10	<0.01	95	2840	8	1.39	5	1	137
E146871		<10	<1	0.16	<10	0.02	31	8	<0.01	98	8500	6	1.00	4	1	333
E146872		<10	<1	0.27	10	0.09	220	4	<0.01	49	930	13	1.38	3	1	60



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CERTIFICATE OF ANALYSIS WH10134599

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Pb- OG46	Ag- OG46	Zn- OG46
		Th	Ti	Tl	U	V	W	Zn	Pb	Ag	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	%
		20	0.01	10	10	1	10	2	0.001	1	0.001
E146837		<20	<0.01	<10	40	297	<10	1930			
E146838		<20	<0.01	<10	10	143	<10	970			
E146839		<20	<0.01	<10	10	105	<10	633			
E146840		<20	<0.01	<10	10	113	<10	415			
E146841		<20	<0.01	<10	<10	13	10	>10000	4.64	141	4.60
E146842		<20	<0.01	<10	10	154	<10	935			
E146843		<20	<0.01	<10	10	47	<10	414			
E146844		<20	<0.01	<10	10	156	<10	1370			
E146845		<20	<0.01	<10	10	137	<10	476			
E146846		<20	<0.01	<10	10	225	<10	1770			
E146847		<20	<0.01	<10	<10	3	<10	22			
E146848		<20	<0.01	<10	10	347	<10	2600			
E146849		<20	<0.01	<10	<10	21	<10	216			
E146850		<20	<0.01	<10	<10	12	<10	15			
E146851		<20	<0.01	<10	<10	77	<10	200			
E146852		<20	<0.01	<10	<10	31	<10	37			
E146853		<20	<0.01	<10	<10	12	<10	140			
E146854		<20	<0.01	<10	<10	7	<10	93			
E146855		<20	<0.01	<10	<10	9	<10	128			
E146856		<20	<0.01	<10	<10	8	<10	570			
E146857		<20	<0.01	<10	<10	5	<10	267			
E146858		<20	<0.01	<10	<10	17	<10	395			
E146859		<20	0.02	<10	<10	16	<10	>10000			1.370
E146860		<20	<0.01	<10	<10	28	<10	594			
E146861		<20	<0.01	<10	<10	12	<10	111			
E146862		<20	<0.01	<10	<10	16	<10	71			
E146863		<20	<0.01	<10	<10	12	<10	54			
E146864		<20	<0.01	<10	<10	15	<10	104			
E146865		<20	<0.01	<10	<10	25	<10	149			
E146866		<20	<0.01	<10	<10	14	<10	42			
E146867		<20	<0.01	<10	<10	2	<10	11			
E146868		<20	<0.01	<10	<10	11	<10	29			
E146869		<20	<0.01	<10	<10	11	<10	82			
E146870		<20	<0.01	<10	10	120	<10	492			
E146871		<20	<0.01	<10	10	206	<10	642			
E146872		<20	<0.01	<10	<10	14	<10	184			



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Finalized Date: 6- OCT- 2010
Account: MTT

CERTIFICATE WH10134613

Project: ARM
 P.O. No.: Batch 1
 This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- SEP- 2010.
 The following have access to data associated with this certificate:
 JOAN MARIACHER BILL WENGZYNOWSKI

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH10134613

Sample Description	Method Analyte Units LOR	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E146801		5.90	<0.005	2.5	0.25	4	<10	1470	<0.5	<2	0.01	<0.5	<1	15	6	0.46
E146802		5.35	0.016	3.3	0.26	11	<10	580	<0.5	<2	0.01	<0.5	<1	20	13	0.94
E146803		7.80	0.015	2.4	0.29	13	<10	1040	<0.5	<2	0.01	<0.5	<1	25	9	1.21
E146804		8.00	0.026	1.9	0.34	21	<10	100	<0.5	<2	0.01	<0.5	1	22	32	1.66
E146805		6.40	0.020	1.4	0.30	17	<10	80	<0.5	<2	0.01	<0.5	2	18	33	1.54
E146806		7.45	0.023	1.6	0.38	24	<10	60	<0.5	<2	0.01	<0.5	2	19	42	1.96
E146807		0.12	2.06	17.0	1.01	22	<10	30	<0.5	7	0.32	60.5	10	44	5410	9.59
E146808		9.54	0.015	1.3	0.37	40	<10	90	<0.5	<2	0.01	0.6	4	27	183	1.77
E146809		8.06	0.010	0.8	0.29	24	<10	270	<0.5	<2	<0.01	<0.5	1	16	37	1.14
E146810		7.80	0.007	0.6	0.24	15	<10	160	<0.5	<2	<0.01	<0.5	1	19	69	1.26
E146811		5.56	0.011	0.8	0.20	16	<10	100	<0.5	<2	<0.01	1.6	2	17	117	1.51
E146812		6.01	0.018	0.9	0.24	18	<10	110	<0.5	<2	0.01	0.8	4	14	122	1.85
E146813		5.09	0.010	0.9	0.27	20	<10	120	<0.5	2	0.01	4.4	3	16	309	1.64
E146814		5.38	0.015	0.8	0.21	25	<10	100	<0.5	<2	<0.01	2.4	4	14	141	1.70
E146815		5.47	0.027	1.4	0.20	44	<10	80	<0.5	<2	<0.01	0.7	4	17	132	1.91
E146816		2.05	<0.005	<0.2	0.03	<2	<10	10	<0.5	<2	20.4	<0.5	<1	1	4	0.45
E146817		4.31	0.019	1.6	0.30	52	<10	60	<0.5	<2	0.06	3.6	5	18	283	2.12
E146818		4.90	0.008	2.3	0.62	62	<10	40	0.6	<2	0.38	24.0	7	39	286	1.53
E146819		5.50	0.012	2.7	0.65	63	<10	30	0.5	<2	0.38	11.5	7	33	369	2.58
E146820		5.07	0.014	2.5	0.76	36	<10	30	0.6	<2	0.04	1.9	9	26	315	2.59
E146821		5.62	0.012	2.3	0.61	46	<10	30	0.5	2	0.02	3.1	9	27	298	2.71
E146822		0.27	0.254	>100	1.27	241	<10	90	<0.5	5	0.63	24.5	10	31	6440	5.24
E146823		5.02	0.018	2.3	0.77	39	<10	30	0.6	<2	0.18	2.1	8	29	338	3.01
E146824		5.51	0.022	1.9	0.51	20	<10	30	<0.5	2	0.01	0.6	8	20	176	2.94
E146825		4.64	0.026	3.2	0.53	42	<10	20	0.5	<2	0.01	2.0	8	25	323	2.85
E146826		5.08	0.012	2.7	0.51	63	<10	70	0.5	<2	0.06	4.2	5	30	456	1.38
E146827		2.41	0.008	2.5	0.50	64	<10	80	0.5	<2	0.02	4.4	5	27	413	1.36
E146828		4.97	0.011	2.8	0.66	51	<10	50	0.6	<2	0.22	15.3	7	30	114	1.85
E146829		4.73	0.013	2.4	0.48	53	<10	50	<0.5	<2	0.03	8.9	8	20	218	2.01
E146830		5.65	0.019	2.3	0.42	86	<10	60	<0.5	2	0.12	16.4	9	27	114	1.50
E146831		2.12	<0.005	<0.2	0.05	<2	<10	40	<0.5	<2	19.7	0.5	<1	1	3	0.37
E146832		5.49	0.006	2.1	0.30	33	<10	100	<0.5	<2	0.05	2.0	12	19	68	1.80
E146833		5.37	<0.005	1.5	0.25	18	<10	170	<0.5	<2	0.23	1.3	9	13	106	1.28
E146834		5.18	0.005	3.6	0.56	50	<10	40	0.5	<2	0.24	38.0	7	35	341	1.99
E146835		5.46	0.014	3.4	0.49	53	<10	50	<0.5	<2	0.22	27.6	9	38	138	1.93
E146836		5.47	0.016	3.6	0.40	56	<10	80	<0.5	<2	0.08	10.9	11	28	115	2.13



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CERTIFICATE OF ANALYSIS WH10134613

Sample Description	Method Analyte Units LOR	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	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E146801		<10	<1	0.13	<10	0.01	32	12	<0.01	2	340	14	0.08	3	1	33
E146802		<10	<1	0.17	<10	0.01	25	14	<0.01	4	1290	14	0.36	3	2	37
E146803		<10	<1	0.19	10	0.01	22	16	<0.01	2	2950	15	0.24	4	4	59
E146804		<10	<1	0.17	10	0.01	47	14	<0.01	8	2100	13	0.93	4	3	49
E146805		<10	1	0.13	<10	0.01	28	8	<0.01	12	1790	11	1.17	2	3	40
E146806		<10	1	0.16	<10	0.02	38	9	<0.01	15	2720	11	1.42	3	4	36
E146807		<10	1	0.10	<10	1.03	361	14	<0.01	25	120	261	>10.0	<2	2	9
E146808		<10	<1	0.14	10	0.02	39	13	<0.01	21	2580	16	1.42	3	3	35
E146809		<10	<1	0.13	<10	0.02	19	1	<0.01	11	1650	11	0.86	<2	2	25
E146810		<10	<1	0.12	<10	0.02	36	1	<0.01	16	400	11	0.99	<2	1	29
E146811		<10	<1	0.11	<10	0.01	22	1	<0.01	22	190	10	1.47	<2	1	13
E146812		<10	<1	0.13	<10	0.02	20	<1	<0.01	27	310	14	1.83	3	1	23
E146813		<10	1	0.13	<10	0.02	32	1	<0.01	25	400	11	1.56	3	1	40
E146814		<10	<1	0.10	<10	0.01	29	1	<0.01	31	300	11	1.64	5	1	22
E146815		<10	<1	0.10	<10	0.01	24	4	<0.01	57	320	18	1.86	10	1	19
E146816		<10	<1	0.02	<10	12.35	182	<1	<0.01	3	240	2	<0.01	<2	<1	48
E146817		<10	1	0.10	10	0.03	35	11	<0.01	59	1240	18	2.12	9	2	55
E146818		<10	3	0.13	10	0.02	48	41	<0.01	92	5010	18	1.54	13	4	346
E146819		<10	1	0.18	10	0.09	61	21	<0.01	89	4070	17	2.65	14	4	299
E146820		<10	<1	0.13	10	0.01	57	21	<0.01	74	5580	16	2.65	15	4	195
E146821		<10	<1	0.12	10	0.01	51	24	<0.01	83	3460	14	2.76	15	4	337
E146822		10	1	0.10	<10	0.76	1590	19	0.04	25	430	9930	2.33	410	4	28
E146823		<10	<1	0.16	10	0.02	78	11	<0.01	61	4900	33	3.03	15	5	435
E146824		<10	<1	0.13	10	0.01	54	3	<0.01	47	2470	17	3.05	16	4	257
E146825		<10	<1	0.12	10	0.01	49	9	<0.01	71	2710	14	2.91	38	4	233
E146826		<10	1	0.10	10	0.01	53	12	<0.01	92	2960	9	1.23	35	3	379
E146827		<10	<1	0.09	10	0.01	44	12	<0.01	94	2920	9	1.29	31	3	381
E146828		<10	1	0.14	10	0.01	48	19	<0.01	81	4410	15	1.82	23	4	783
E146829		<10	1	0.12	10	0.01	81	31	<0.01	89	1890	15	1.91	18	3	324
E146830		<10	<1	0.10	10	0.02	85	25	<0.01	94	2520	15	1.44	12	3	377
E146831		<10	<1	0.02	<10	12.05	174	<1	<0.01	2	290	3	<0.01	<2	<1	54
E146832		<10	<1	0.11	10	0.04	103	2	<0.01	61	640	14	1.65	4	1	178
E146833		<10	<1	0.08	<10	0.13	78	2	<0.01	49	1030	17	1.27	2	1	93
E146834		<10	2	0.11	10	0.01	52	18	<0.01	97	4310	20	2.05	13	7	520
E146835		<10	1	0.13	10	0.01	71	10	<0.01	191	3360	17	1.81	8	3	506
E146836		<10	<1	0.11	10	0.01	85	3	<0.01	99	2180	17	2.16	6	3	337



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
		Th	Ti	Ti	U	V	W	Zn	Ag	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		20	0.01	10	10	1	10	2	1	0.001
E146801		<20	<0.01	<10	<10	36	<10	5		
E146802		<20	<0.01	<10	<10	31	<10	7		
E146803		<20	<0.01	<10	<10	53	<10	15		
E146804		<20	<0.01	<10	<10	43	<10	12		
E146805		<20	<0.01	<10	<10	39	<10	11		
E146806		<20	<0.01	<10	<10	42	<10	15		
E146807		<20	0.02	<10	<10	16	10	>10000		1.315
E146808		<20	<0.01	<10	<10	39	<10	40		
E146809		<20	<0.01	<10	<10	17	<10	5		
E146810		<20	<0.01	<10	<10	16	<10	3		
E146811		<20	<0.01	<10	<10	11	<10	52		
E146812		<20	<0.01	<10	<10	14	<10	26		
E146813		<20	<0.01	<10	<10	17	<10	202		
E146814		<20	<0.01	<10	<10	13	<10	106		
E146815		<20	<0.01	<10	<10	12	<10	32		
E146816		<20	<0.01	<10	<10	2	<10	13		
E146817		<20	<0.01	<10	<10	46	<10	243		
E146818		<20	<0.01	<10	10	298	<10	2150		
E146819		<20	<0.01	<10	<10	176	<10	1110		
E146820		<20	<0.01	<10	<10	131	<10	118		
E146821		<20	<0.01	<10	<10	91	<10	165		
E146822		<20	0.09	<10	<10	41	<10	4950	96	
E146823		<20	<0.01	<10	<10	111	<10	128		
E146824		<20	<0.01	<10	<10	59	<10	32		
E146825		<20	<0.01	<10	<10	79	<10	122		
E146826		<20	<0.01	<10	<10	111	<10	200		
E146827		<20	<0.01	<10	<10	106	<10	190		
E146828		<20	<0.01	<10	<10	147	<10	614		
E146829		<20	<0.01	<10	10	96	<10	467		
E146830		<20	<0.01	<10	10	154	<10	551		
E146831		<20	<0.01	<10	<10	3	<10	17		
E146832		<20	<0.01	<10	<10	20	<10	28		
E146833		<20	<0.01	<10	<10	20	<10	60		
E146834		<20	<0.01	<10	10	97	<10	1805		
E146835		<20	<0.01	<10	<10	75	<10	655		
E146836		<20	<0.01	<10	<10	37	<10	280		



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CERTIFICATE WH10139249

Project: ARM
 P.O. No.: BATCH 3
 This report is for 33 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2010.
 The following have access to data associated with this certificate:
 JOAN MARIACHER BILL WENGZYNOWSKI

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method Analyte Units LOR	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E146873		6.00	0.007	0.4	0.31	14	<10	180	<0.5	<2	0.38	0.6	11	3	63	1.59
E146874		6.22	0.006	0.2	0.35	8	<10	200	<0.5	<2	0.30	2.2	9	4	41	1.72
E146875		5.84	<0.005	0.3	0.31	7	<10	160	<0.5	<2	1.58	<0.5	6	4	48	1.55
E146876		5.90	0.009	0.5	0.33	15	<10	100	<0.5	<2	0.33	1.0	22	6	72	2.29
E146877		6.85	0.005	0.3	0.53	9	<10	160	<0.5	<2	0.51	<0.5	12	7	67	2.13
E146878		0.25	0.254	>100	0.72	6130	<10	40	0.5	9	12.6	324	18	18	2510	4.59
E146879		5.02	0.005	1.1	0.37	7	<10	170	<0.5	<2	0.57	<0.5	9	8	45	1.15
E146880		5.30	0.007	0.4	0.29	11	<10	110	<0.5	<2	1.32	<0.5	13	5	47	2.30
E146881		5.74	<0.005	0.2	0.50	8	<10	150	<0.5	<2	2.75	<0.5	9	5	39	2.33
E146882		5.84	<0.005	0.2	0.41	6	<10	170	<0.5	<2	2.26	<0.5	7	4	46	1.28
E146883		5.53	<0.005	0.2	0.47	5	<10	160	<0.5	<2	2.49	<0.5	7	5	39	1.91
E146884		6.14	<0.005	0.2	0.39	<2	<10	130	<0.5	<2	2.23	<0.5	8	4	69	1.74
E146885		5.45	<0.005	0.2	0.40	3	<10	140	<0.5	<2	2.19	<0.5	10	4	44	2.23
E146886		2.65	<0.005	<0.2	0.04	<2	<10	20	<0.5	<2	20.1	<0.5	<1	<1	1	0.37
E146887		4.04	<0.005	0.2	0.48	5	<10	140	<0.5	<2	1.95	<0.5	9	5	41	2.30
E146888		5.65	<0.005	0.5	0.38	<2	<10	160	<0.5	<2	1.23	<0.5	7	4	53	1.32
E146889		4.40	0.005	<0.2	0.61	<2	<10	170	<0.5	2	1.29	<0.5	9	7	44	1.78
E146890		5.16	0.006	0.2	0.39	6	<10	150	<0.5	2	0.68	<0.5	12	5	43	1.82
E146891		3.87	<0.005	0.4	0.27	<2	<10	140	<0.5	<2	6.8	<0.5	8	3	45	2.13
E146892		4.86	<0.005	0.2	0.23	3	<10	120	<0.5	<2	9.0	<0.5	8	2	30	2.91
E146893		2.33	<0.005	<0.2	0.24	<2	<10	120	<0.5	<2	9.3	<0.5	7	2	28	2.84
E146894		5.16	0.007	0.4	0.25	7	<10	140	<0.5	2	3.78	<0.5	11	2	48	2.63
E146895		4.64	0.008	0.6	0.32	8	<10	170	<0.5	3	0.37	<0.5	10	5	51	1.36
E146896		4.41	0.006	0.5	0.26	8	<10	150	<0.5	<2	0.92	<0.5	12	4	49	2.06
E146897		0.25	0.272	>100	1.23	242	<10	90	<0.5	<2	0.60	24.9	10	30	6490	5.20
E146898		3.95	0.005	0.7	0.33	10	<10	190	<0.5	<2	1.79	1.1	9	16	74	1.61
E146899		6.48	0.011	0.6	0.29	9	<10	170	<0.5	<2	0.81	<0.5	8	4	53	1.46
E146900		6.40	0.009	0.5	0.33	10	<10	190	<0.5	2	0.25	<0.5	10	3	83	1.99
E146901		7.08	<0.005	0.4	0.29	11	<10	170	<0.5	2	0.54	<0.5	7	4	56	1.65
E146902		1.70	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	20.3	<0.5	<1	<1	4	0.37
E146903		5.87	<0.005	0.4	0.31	17	<10	180	<0.5	<2	0.22	<0.5	10	3	79	1.71
E146904		5.19	0.011	1.3	0.57	16	<10	290	0.5	<2	2.63	3.9	7	27	99	1.38
E146905		3.47	0.019	2.5	0.42	28	<10	200	<0.5	<2	1.91	10.0	7	44	161	1.36



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Sample Description	Method Analyte Units LOR	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	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E146873		<10	<1	0.23	10	0.17	167	1	0.01	29	290	10	1.29	2	1	41
E146874		<10	<1	0.26	10	0.21	172	<1	0.01	32	280	7	1.10	2	1	33
E146875		<10	<1	0.20	<10	0.71	426	<1	0.01	23	320	3	0.61	2	2	135
E146876		<10	<1	0.21	<10	0.06	68	1	0.01	34	1160	9	2.26	4	1	37
E146877		<10	<1	0.22	<10	0.44	147	<1	0.01	38	560	6	1.42	3	1	47
E146878		<10	7	0.15	10	0.46	6410	4	0.02	18	810	>10000	7.3	118	2	585
E146879		<10	<1	0.21	10	0.22	130	1	0.01	23	850	7	0.87	<2	1	52
E146880		<10	<1	0.15	<10	0.56	403	1	0.01	40	480	18	1.87	6	1	92
E146881		<10	<1	0.20	<10	1.24	856	<1	0.01	33	260	5	0.73	2	3	172
E146882		<10	<1	0.24	10	0.98	503	<1	0.01	18	220	4	0.17	2	2	132
E146883		<10	<1	0.23	<10	1.15	551	<1	0.01	25	210	4	0.82	2	2	142
E146884		<10	1	0.17	<10	1.09	570	<1	<0.01	28	210	4	0.60	<2	2	130
E146885		<10	<1	0.19	<10	1.07	684	<1	0.01	31	190	8	1.55	2	2	129
E146886		<10	<1	0.02	<10	12.15	181	<1	0.01	<1	320	<2	<0.01	2	<1	50
E146887		<10	1	0.20	<10	0.99	654	<1	0.01	32	370	4	1.71	2	2	124
E146888		<10	1	0.22	<10	0.58	248	<1	0.01	19	220	3	0.83	<2	1	74
E146889		<10	1	0.22	<10	0.81	306	<1	0.01	25	280	3	1.04	2	1	94
E146890		<10	<1	0.20	<10	0.30	100	<1	<0.01	32	860	5	1.79	2	1	54
E146891		<10	<1	0.19	<10	3.55	716	1	0.01	25	420	8	0.74	3	3	404
E146892		<10	1	0.15	<10	4.82	918	<1	0.01	33	250	9	1.13	4	3	534
E146893		<10	<1	0.15	<10	5.03	934	<1	0.01	32	240	9	0.94	3	3	545
E146894		<10	1	0.18	<10	1.96	464	1	0.01	37	250	13	2.21	3	2	237
E146895		<10	<1	0.19	10	0.05	60	1	<0.01	34	1480	5	1.27	4	1	37
E146896		<10	<1	0.18	<10	0.38	564	1	0.01	48	390	5	1.47	3	1	63
E146897		<10	2	0.09	<10	0.74	1650	18	0.05	25	430	>10000	2.59	401	4	24
E146898		<10	<1	0.21	<10	0.70	1025	5	<0.01	37	1310	6	1.12	3	1	121
E146899		<10	<1	0.21	10	0.39	244	4	<0.01	28	270	7	1.14	4	1	51
E146900		<10	1	0.24	10	0.35	103	1	<0.01	24	190	6	1.43	<2	1	21
E146901		<10	<1	0.21	10	0.44	202	2	0.01	21	210	4	0.81	2	1	39
E146902		<10	<1	0.02	<10	12.15	185	<1	0.01	1	250	2	<0.01	<2	<1	49
E146903		<10	<1	0.23	10	0.33	102	1	0.01	21	180	<2	1.11	3	1	15
E146904		<10	<1	0.29	10	0.33	146	10	0.01	78	>10000	8	1.35	5	1	285
E146905		<10	<1	0.20	10	0.23	123	25	0.01	128	7410	14	1.54	7	1	227



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 Total # Pages: 2 (A - C)
 Finalized Date: 11- OCT- 2010
 Account: MTT

Project: ARM

CERTIFICATE OF ANALYSIS WH10139249

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Pb- OG46	Ag- OG46	Zn- OG46
		Th	Ti	Tl	U	V	W	Zn	Pb	Ag	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	%
		20	0.01	10	10	1	10	2	0.001	1	0.001
E146873		<20	<0.01	<10	<10	2	<10	87			
E146874		<20	<0.01	<10	<10	2	<10	236			
E146875		<20	<0.01	<10	<10	2	<10	48			
E146876		<20	<0.01	<10	<10	7	<10	85			
E146877		<20	<0.01	<10	<10	4	<10	48			
E146878		<20	<0.01	<10	<10	13	10	>10000	4.82	156	5.04
E146879		<20	<0.01	<10	<10	9	<10	58			
E146880		<20	<0.01	<10	<10	5	<10	65			
E146881		<20	<0.01	<10	<10	3	<10	67			
E146882		<20	<0.01	<10	<10	2	<10	39			
E146883		<20	<0.01	<10	<10	2	<10	32			
E146884		<20	<0.01	<10	<10	3	<10	54			
E146885		<20	<0.01	<10	<10	3	<10	41			
E146886		<20	<0.01	<10	<10	2	<10	14			
E146887		<20	<0.01	<10	<10	4	<10	69			
E146888		<20	<0.01	<10	<10	3	<10	37			
E146889		<20	<0.01	<10	<10	4	<10	61			
E146890		<20	<0.01	<10	<10	5	<10	36			
E146891		<20	<0.01	<10	<10	4	<10	227			
E146892		<20	<0.01	<10	<10	3	<10	402			
E146893		<20	<0.01	<10	<10	3	<10	407			
E146894		<20	<0.01	<10	<10	3	<10	189			
E146895		<20	<0.01	<10	<10	10	<10	124			
E146896		<20	<0.01	<10	<10	4	<10	363			
E146897		<20	0.08	<10	<10	39	<10	5010	1.030	101	
E146898		<20	<0.01	<10	<10	31	<10	120			
E146899		<20	<0.01	<10	<10	6	<10	12			
E146900		<20	<0.01	<10	<10	3	<10	14			
E146901		<20	<0.01	<10	<10	4	<10	10			
E146902		<20	<0.01	<10	<10	1	<10	15			
E146903		<20	<0.01	<10	<10	3	<10	11			
E146904		<20	<0.01	<10	10	185	<10	244			
E146905		<20	<0.01	<10	10	391	<10	688			

APPENDIX IV
GEOLOGICAL AND GEOTECHNICAL LOGS

GEOLOGY LOG

HOLE: ARM-10-01

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (fta)	Density (frequency/m)	Jarosite	Silicification	Other		Pyrite	Other				
															Type	Intensity		Type	Intensity			
0.00	6.10	6.10				OVB																Overburden. No recovery
6.10	90.83	84.73				PHY/ SLT		AN	FO	70							w					Black, sooty, aphanitic, non-calcareous, highly fissile phyllite interbedded with a grey, aphanitic siltstone. Disseminated pyrite varies intensity between minor to moderate, and occurs as disseminations or as lenticular aggregates. Soft, dense yellowish-brown jarosite occurs as a massive coating interstitially and on fractures. A yellowish clay-like residue remains on fingers touched. Note: Jarosite alteration resembles limonite. Siltstone and phyllite interbeds vary in thickness between 0.1 to 10 cm wide. Few white quartz veins occur throughout. Veins are between 2 to 25 mm wide, and have a slight stylolitic appearance. Slickensides are common throughout the unit. Locally, the foliation surrounds lenticular siltstone competent masses. Occasionally there is a light purplish-blue (?), hard, non-calcareous coating along fractures. Note: Siltstone layers vary between shades light to dark shakes of gray.
			13.76	15.80	2.04	PHY/ SLT							ms									Massive jarosite occurs interstitially and as a coating on fractures.
			18.49	19.25	0.76	PHY/ SLT							w					Li	f			Rusty limonitic patches occur along fractures and within seams. Some patches are subrounded and between 3 to 12 mm wide. Quartz filled gashes with limonitic wisps occur between 19.13-19.25 m.
			19.25	26.86	7.61	PHY			FO	74							f					Black sooty phyllite with fine grained disseminated pyrite. Pyrite mainly occurs as disseminated or lenticular masses. Cross cutting quartz veins range in size between 2 to 7 mm.
			27.20	27.25	0.05	SLT			VN	40												Light green chlorite crystals occur within a quartz vein that cuts across the SLT/PHY interbeds
									BD	65												
									BD->VN	178												
			32.31	49.10	16.79	SLT/ PHY							s				ms					Fine to medium grained, subhedral to euhedral, disseminated pyrite crystals occur throughout. Pyrite mineralization varies intensity between weak to moderately strong. White quartz veins are randomly oriented, and vary in size between 1 to 2 mm.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION					MINERALS					Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	Jarosite	Silicification	Other		Pyrite	Type	Intensity	Other				
															Type	Intensity				Type	Intensity			
			57.30	74.35	17.05	SLT/ PHY								m				ms						Light green, hard, non-calcareous, 'frothy', porous mineral occurs in zones with a high concentration of vugs (unlikely malachite or chrysocola). Lens shaped vugs are common throughout the interval. Fine grained pyrite occurs as disseminations or as lenticular lenses. Pyrite appears slightly botryoidal on few surfaces (74.5 m). The siltstone layer appears weakly crackled.
			58.00	60.15	2.15	BX																		Whitish-grey, moderately soft, non calcareous slump breccia with hard, angular, siltstone clasts. Clasts range in size between 3 to 15 mm. This unit occurs within an interbedded siltstone/phyllite unit.
			61.46	61.51	0.05	SLT/ PHY								s										Black siliceous phyllite vein cross-cutting an interbedded siltstone & phyllite unit. Fine grain pyrite crystals occur along the borders of the vein.
			69.92	70.67	0.75	PHY		AN										m						Black, aphanitic, sooty phyllite with medium grained, subrounded, subhedral pyrite crystals. Pyrite also occurs as 1 mm wide lenses.
			72.14	72.21	0.07	SLT/ PHY																		White quartz vein (7 mm) cross-cutting bedding.
			78.70	81.73	3.03	PHY												f						Black, aphanitic, sooty phyllite with fine grained, disseminated pyrite.
			86.93	87.60	0.67	PHY												f						Black, aphanitic, sooty phyllite with fine grained, disseminated pyrite. Pyrite lenses are 1 mm wide.
			87.60	87.72	0.12	PHY																		Quartz infilled fractures between 5 to 13 mm wide.
			88.75	90.65	1.90	BX																		Whitish-grey, moderately soft, non calcareous slump breccia with hard, angular, siltstone clasts. Clasts range in size between 3 to 15 mm. This unit occurs within an interbedded siltstone/phyllite unit.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION					MINERALS					Photo	DETAILED DESCRIPTION	
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	Jarosite	Silicification	Other		Pyrite			Other		Other			
															Type	Intensity				Type	Intensity	Type			Intensity
90.83	135.50	44.67				PHY/ SLT		AN	BD	65				w				ms							<p>Black, aphanitic phyllite interbedded with an aphanitic siltstone of varying between light to dark shades of grey. Phyllite and siltstone interbeds vary in size from 2 mm to 1 m wide. Black phyllitic layers host the majority of pyrite. Pyrite mainly occurs as disseminations or as lenses between 1 to 2 mm wide. Occasionally occurs within siltstone concentrations as fine to medium grained, subhedra to euhedral, cubic pyrite crystals. Siltstone is usually medium to medium grey, and has a slight brecciated overprint. Few zones contain a bright white, soft, non-calcareous coating on fractured surfaces. This bright coating/alteration(?) also occurs as veinlets between 1 to 3 mm wide, and infills fractures. The entire section is moderately hard to hard and weakly to moderately silicified.</p> <p>Black, aphanitic phyllite with fine to medium</p> <p>White quartz vein cross-cutting a phyllite unit. Pale forest green, chloritic hue occurs within the vein.</p> <p>White, semi-crystalline quartz veins are common and vary in size between 6 cm to 1.5 m. Veins have undergone minor to moderate alteration, and contain subangular to angular, empty vugs. Pale forest green, chloritic hue occurs locally within quartz veins.</p> <p>Light grey, lathe shaped siltstone masses hosting fine to medium grained pyrite crystals. Black sooty phyllite layers surround these siltstone masses. Note: Bedding at 84 deg. only occurs between 129.5 to 131.45 m.</p> <p>White, semi-crystalline, sugary quartz vein</p> <p>Black, aphanitic and rubbly. Few 2-6 cm competent phyllite sections. Pyrite is disseminated throughout.</p>
			93.10	93.50	0.40	PHY		AN	BD	65								m							
			102.90	103.41	0.51				VN	25															
									BD	60															
									BD->VN	238															
			104.10	104.90	0.80	PHY		AN	BD	55								m							
			109.12	110.20	1.08	PHY		AN	BD	60								m							
			115.40	132.93	17.53																				
			129.50	156.50	27.00	SLT/ PHY		AN	BD	84								ms							
			131.45	132.93	1.48				VN																
			133.90	134.55	0.65	PHY		AN										ms							
			134.85	135.50	0.65	PHY		AN										ms							

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION					MINERALS					Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	Jarosite	Silicification	Other		Pyrite	Type	Intensity	Other				
															Type	Intensity				Type	Intensity			
135.50	272.80	137.30				SLT/ PHY		AN					m					m						Light grey, aphanitic siltstone interbedded with black, sooty, aphanitic phyllite. Contacts between boundaries are diffuse. Disseminated fine grain pyrite occurs throughout. Occasionally pyrite occurs as medium to coarse grained, subhedral to euhedral, cubic crystals. Whitish-grey quartz veins cross-cut the unit at random angles, and range in size between 1 to 20 mm. Unit contains local brecciated pockets which contain aphanitic clasts between 0.2 to 10 cm wide. Dark reddish-maroon hematite staining occurs on most fractured surfaces. Locally, light yellowish-tan jarosite alteration occurs alongside hematitic stained fractures.
			136.85	137.90	1.05	SLT		AN																Dark reddish-maroon hematitic stringers roughly 1 mm wide. Appear to be infilling interstitial space between brecciated zones. Very poor recovery in this interval.
			158.72	272.80	114.08	PHY		AN	FO	60			s					s						Black, aphanitic, hard, sooty, quartz flooded phyllite with fine to coarse grained pyrite. White veins are stylolitic in appearance and range in size between 1 to 5 mm. Pyrite occurs adjacent to and within quartz veins. Patchy, cloudy white siltstone nodules contain medium to coarse grained pyrite crystals. Siltstone nodules range in size between 0.5 to 5 cm. Interval also contains few light to medium grey, brecciated, aphanitic siltstone layers which host disseminated pyrite. These layers range in size from 25 cm to 1 m.
			191.20	259.53	68.33	PHY/ SLT			BD	58			m					f						Pale yellowish-orange to tan, soft, speckled jarosite coating is common on core. Rock fabric appears to surround lathe shaped, augen-like siltstone nodules.
			209.70	210.40	0.70	PHY	BX									CLY	s	w						Black sooty, pervasive clay alteration. Phyllite appears brecciated. Pyrite is fine grained and disseminated.
			212.00	247.00	35.00													f						Dark forest green chlorite occurs within white quartz veins, and along fractures.
			214.50	215.10	0.60				VN				w											Cloudy white quartz vein with fine grain chlorite grains speckled throughout the matrix. Weakly jarosite altered.
			220.75	220.83	0.08				VN				w											
			226.60	227.08	0.48	PHY	BX									CLY	s	w						Black sooty, pervasive clay alteration. Phyllite appears brecciated. Pyrite is fine grained and disseminated.
			253.12	253.46	0.34	PHY	BX									CLY	s	w						

GEOTECHNICAL LOG

HOLE: ARM-10-01

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Comments
0.00	6.10	6.10	0.00	0	0	0	n/a	n/a	Casing
6.10	6.40	0.30	0.28	93	0.00	0	n/a	FR	
6.40	7.92	1.52	1.12	74	0.00	0	W	FR	
7.92	9.45	1.53	0.85	56	0.00	0	W	FR	
9.45	10.97	1.52	1.16	76	0.00	0	W	FR	
10.97	12.50	1.53	1.47	96	0.00	0	W	FR	
12.50	14.02	1.52	1.40	92	0.11	7	W	FR	
14.02	15.54	1.52	1.48	97	0.00	0	W	FR	
15.54	17.07	1.53	1.30	85	0.23	15	W	FR	
17.07	18.59	1.52	1.35	89	0.10	7	W	FR	
18.59	20.12	1.53	1.45	95	0.00	0	W	FR	
20.12	21.64	1.52	1.43	94	0.00	0	W	FR	
21.64	23.16	1.52	1.28	84	0.00	0	W	FR	
23.16	24.69	1.53	1.47	96	0.37	24	W	FR	
24.69	26.21	1.52	1.40	92	0.26	17	W	FR	
26.21	27.74	1.53	1.47	96	0.44	29	W	FR	
27.74	29.26	1.52	1.42	93	0.00	0	MS	FR	
29.26	30.78	1.52	1.39	91	0.25	16	MS	FR	
30.78	32.31	1.53	1.49	97	0.70	46	MS	FR	
32.31	32.92	0.61	0.59	97	0.16	26	MS	FR	End of HQ core
32.92	35.97	3.05	3.03	99	1.50	49	MS	FR	
35.97	39.01	3.04	3.05	100	1.35	44	MS	FR	
39.01	42.06	3.05	3.03	99	0.41	13	MS	FR	
42.06	45.11	3.05	3.02	99	0.41	13	MS	FR	
45.11	48.16	3.05	3.06	100	1.00	33	MS	FR	
48.16	51.21	3.05	2.88	94	0.65	21	MS	FR	
51.21	54.25	3.04	3.05	100	1.99	65	MS	FR	
54.25	57.30	3.05	3.01	99	2.25	74	MS	FR	
57.30	60.35	3.05	3.02	99	2.84	93	MS	FR	
60.35	63.40	3.05	3.02	99	2.67	88	MS	FR	
63.40	66.45	3.05	2.96	97	2.22	73	MS	FR	
66.45	69.49	3.04	3.05	100	1.68	55	MS	FR	
69.49	72.54	3.05	3.00	98	0.98	32	MS	FR	
72.54	75.59	3.05	3.05	100	2.51	82	MS	FR	
75.59	78.64	3.05	3.00	98	1.49	49	MS	FR	
78.64	81.69	3.05	3.01	99	0.58	19	MS	FR	
81.69	84.73	3.04	2.79	92	2.31	76	MS	FR	
84.73	87.78	3.05	3.04	100	2.57	84	MS	FR	
87.78	90.83	3.05	2.95	97	0.68	22	MS	FR	
90.83	93.88	3.05	3.05	100	2.27	74	MS	FR	
93.88	96.93	3.05	3.02	99	3.02	99	MS	FR	
96.93	99.97	3.04	2.99	98	2.90	95	MS	FR	
99.97	103.02	3.05	2.98	98	1.53	50	MS	FR	
103.02	106.07	3.05	3.04	100	1.82	60	MS	FR	
106.07	109.12	3.05	3.04	100	2.28	75	MS	FR	
109.12	112.17	3.05	3.05	100	2.32	76	MS	FR	
112.17	115.21	3.04	3.04	100	2.13	70	W	FR	
115.21	118.26	3.05	3.05	100	2.36	77	W	FR	
118.26	121.31	3.05	3.02	99	1.42	47	W	FR	
121.31	124.36	3.05	3.03	99	2.25	74	MS	FR	

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Comments
124.36	127.41	3.05	3.04	100	2.04	67	MS	FR	
127.41	130.45	3.04	2.81	92	0.72	24	MS	FR	
130.45	133.50	3.05	2.90	95	1.01	33	MS	FR	
133.50	136.55	3.05	3.05	100	1.36	45	MS	FR	
136.55	139.60	3.05	1.65	54	1.29	42	W	FR	
139.60	142.65	3.05	2.61	86	1.12	37	MS	FR	
142.65	145.69	3.04	2.40	79	0.17	6	MS	FR	
145.69	148.74	3.05	2.49	82	0.34	11	W	FR	
148.74	151.79	3.05	2.11	69	1.11	36	W	FR	
151.79	154.84	3.05	2.21	72	0.35	11	MS	FR	
154.84	157.89	3.05	2.47	81	0.74	24	MS	FR	
157.89	160.93	3.04	2.66	87	0.92	30	MS	FR	
160.93	163.98	3.05	2.75	90	1.61	53	MS	FR	
163.98	167.03	3.05	3.05	100	2.35	77	MS	FR	
167.03	170.08	3.05	3.05	100	1.67	55	MS	FR	
170.08	173.13	3.05	3.05	100	1.91	63	MS	FR	
173.13	176.17	3.04	3.03	100	2.12	70	MS	FR	
176.17	179.22	3.05	3.02	99	2.26	74	MS	FR	
179.22	182.27	3.05	3.04	100	1.89	62	MS	FR	
182.27	185.32	3.05	3.05	100	1.33	44	W	FR	
185.32	188.37	3.05	2.75	90	0.25	8	W	FR	
188.37	191.41	3.04	2.93	96	1.03	34	W	FR	
191.41	194.46	3.05	3.06	100	1.30	43	MS	FR	
194.46	197.51	3.05	2.88	94	1.18	39	MS	FR	
197.51	200.56	3.05	2.97	97	2.11	69	MS	FR	
200.56	203.61	3.05	3.05	100	2.45	80	MS	FR	
203.61	206.65	3.04	3.04	100	1.42	47	MS	FR	
206.65	209.70	3.05	2.80	92	0.81	27	MS	FR	
209.70	212.75	3.05	2.85	93	1.45	48	MS	FR	
212.75	215.80	3.05	3.05	100	0.71	23	MS	FR	
215.80	218.85	3.05	2.70	89	1.24	41	MS	FR	
218.85	221.89	3.04	3.05	100	1.30	43	MS	FR	
221.89	224.94	3.05	2.74	90	0.86	28	MS	FR	
224.94	227.99	3.05	2.94	96	0.62	20	MS	FR	
227.99	231.04	3.05	3.01	99	1.23	40	MS	FR	
231.04	234.09	3.05	3.03	99	0.94	31	MS	FR	
234.09	237.13	3.04	3.02	99	0.81	27	MS	FR	
237.13	240.18	3.05	2.50	82	0.65	21	MS	FR	
240.18	243.23	3.05	2.68	88	1.87	61	MS	FR	
243.23	246.28	3.05	2.91	95	0.91	30	MS	FR	
246.28	249.33	3.05	2.77	91	1.62	53	MS	FR	
249.33	252.37	3.04	3.03	100	0.34	11	MS	FR	
252.37	255.42	3.05	2.37	78	0.58	19	MS	FR	
255.42	258.47	3.05	3.05	100	0.90	30	MS	FR	
258.47	261.52	3.05	3.05	100	1.58	52	MS	FR	
261.52	264.57	3.05	3.06	100	2.67	88	MS	FR	
264.57	267.61	3.04	2.84	93	0.99	33	MS	FR	
267.61	270.66	3.05	3.05	100	0.81	27	MS	FR	
270.66	272.80	2.14	2.11	99	0.44	21	MS	FR	
EOH									

Complete Sample List

Property: ARM

Hole	From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Pb (ppm)	Cu (ppm)	Zn (ppm)	Comments
ARM-10-01	6.10	9.10	3.00	3.00	100	E146801	1	0	2.5	14	6	5	
ARM-10-01	9.10	12.10	3.00	2.00	67	E146802	1	0	3.3	14	13	7	
ARM-10-01	12.10	15.10	3.00	3.00	100	E146803	1	0	2.4	15	9	15	
ARM-10-01	15.10	18.10	3.00	3.00	100	E146804	1	0	1.9	13	32	12	
ARM-10-01	18.10	21.10	3.00	2.90	97	E146805	1	0	1.4	11	33	11	
ARM-10-01	21.10	24.10	3.00	3.00	100	E146806	1	0	1.6	11	42	15	
-	-	-	-	-	-	E146807	1	2	1.7	261	5410	13150	Standard - CDN-ME-2
ARM-10-01	24.10	27.10	3.00	3.00	100	E146808	1	0	13	16	183	40	
ARM-10-01	27.10	30.10	3.00	3.00	100	E146809	1	0	0.8	11	37	5	
ARM-10-01	30.10	33.10	3.00	3.00	100	E146810	1	0	0.6	11	69	3	
ARM-10-01	33.10	36.10	3.00	2.83	94	E146811	1	0	0.8	10	117	52	
ARM-10-01	36.10	39.10	3.00	3.00	100	E146812	1	0	0.9	14	122	26	
ARM-10-01	39.10	42.10	3.00	2.95	98	E146813	1	0	0.9	11	309	202	
ARM-10-01	42.10	45.10	3.00	3.00	100	E146814	1	0	0.8	11	141	106	
ARM-10-01	45.10	48.10	3.00	3.00	100	E146815	1	0	1.4	18	132	32	
-	-	-	-	-	-	E146816	1	0	0.1	2	4	13	Blank
ARM-10-01	48.10	51.10	3.00	2.95	98	E146817	1	0	1.6	18	283	243	
ARM-10-01	51.10	54.10	3.00	2.85	95	E146818	1	0	2.3	18	286	2150	
ARM-10-01	54.10	57.10	3.00	3.00	100	E146819	1	0	2.7	17	369	1110	
ARM-10-01	57.10	60.10	3.00	3.00	100	E146820	1	0	2.5	16	315	118	
ARM-10-01	60.10	63.10	3.00	3.00	100	E146821	1	0	2.3	14	298	165	
-	-	-	-	-	-	E146822	1	0	96	9930	6440	4950	Standard - CDN-ME-6
ARM-10-01	63.10	66.10	3.00	3.00	100	E146823	1	0	2.3	33	338	128	
ARM-10-01	66.10	69.10	3.00	3.00	100	E146824	1	0	1.9	17	176	32	
ARM-10-01	69.10	72.10	3.00	2.90	97	E146825	1	0	3.2	14	323	122	
ARM-10-01	72.10	75.10	3.00	2.95	98	E146826	1	0	2.7	9	456	200	
ARM-10-01	72.10	75.10	3.00	3.00	100	E146827	1	0	2.5	9	413	190	Duplicate
ARM-10-01	75.10	78.10	3.00	3.00	100	E146828	1	0	2.8	15	114	614	
ARM-10-01	78.10	81.10	3.00	2.90	97	E146829	1	0	2.4	15	218	467	
ARM-10-01	81.10	84.10	3.00	2.85	95	E146830	1	0	2.3	15	114	551	
-	-	-	-	-	-	E146831	1	0	0.1	3	3	17	Blank
ARM-10-01	84.10	87.10	3.00	3.00	100	E146832	1	0	2.1	14	68	28	
ARM-10-01	87.10	90.10	3.00	3.00	100	E146833	1	0	1.5	17	106	60	
ARM-10-01	90.10	93.10	3.00	3.00	100	E146834	1	0	3.6	20	341	1805	
ARM-10-01	93.10	96.10	3.00	3.00	100	E146835	1	0	3.4	17	138	655	
ARM-10-01	96.10	99.10	3.00	3.00	100	E146836	1	0	3.6	17	115	280	
ARM-10-01	99.10	102.10	3.00	2.95	98	E146837	2	0	4.9	38	242	1930	
ARM-10-01	102.10	105.10	3.00	3.00	100	E146838	2	0	3	21	99	970	
ARM-10-01	105.10	108.10	3.00	3.00	100	E146839	2	0	3.7	15	83	633	
ARM-10-01	108.10	111.10	3.00	3.00	100	E146840	2	0	4	18	97	415	
-	-	-	-	-	-	E146841	2	0	141	46400	2510	46000	Standard - CDN-ME-7
ARM-10-01	111.10	114.10	3.00	3.00	100	E146842	2	0	4	9	107	935	
ARM-10-01	114.10	117.10	3.00	3.00	100	E146843	2	0	4.1	20	65	414	
ARM-10-01	117.10	120.10	3.00	3.00	100	E146844	2	0	4.1	16	116	1370	
ARM-10-01	120.10	123.10	3.00	2.95	98	E146845	2	0	3.8	11	127	476	
ARM-10-01	123.10	126.10	3.00	3.00	100	E146846	2	0	3.7	15	125	1770	
-	-	-	-	-	-	E146847	2	0	0.4	3	9	22	Blank
ARM-10-01	126.10	129.10	3.00	3.00	100	E146848	2	0	4.4	25	161	2600	
ARM-10-01	129.10	131.45	2.35	2.35	100	E146849	2	0	1.1	13	58	216	
ARM-10-01	131.45	132.93	1.48	1.20	81	E146850	2	0	0.2	1	7	15	
ARM-10-01	132.93	136.00	3.07	2.40	78	E146851	2	0	1.4	13	106	200	
ARM-10-01	136.00	139.00	3.00	1.85	62	E146852	2	0	0.8	8	53	37	
ARM-10-01	139.00	142.00	3.00	2.00	67	E146853	2	0	0.5	10	46	140	
ARM-10-01	142.00	145.00	3.00	1.95	65	E146854	2	0	0.6	6	45	93	
ARM-10-01	142.00	145.00	3.00	1.95	65	E146855	2	0	0.7	12	50	128	Duplicate
ARM-10-01	145.00	148.00	3.00	2.38	79	E146856	2	0	0.5	4	50	570	
ARM-10-01	148.00	151.00	3.00	2.30	77	E146857	2	0	1	7	27	267	
ARM-10-01	151.00	154.00	3.00	2.25	75	E146858	2	0	0.5	9	68	395	
-	-	-	-	-	-	E146859	2	2	15.9	258	5330	13700	Standard - CDN-ME-2
ARM-10-01	154.00	157.00	3.00	3.00	100	E146860	2	0	0.5	20	147	594	
ARM-10-01	157.00	160.00	3.00	2.95	98	E146861	2	0	1.2	14	108	111	
ARM-10-01	160.00	163.00	3.00	2.95	98	E146862	2	0	1.4	14	124	71	
ARM-10-01	163.00	166.00	3.00	3.00	100	E146863	2	0	1.1	11	81	54	
ARM-10-01	166.00	169.00	3.00	3.00	100	E146864	2	0	1	10	93	104	
ARM-10-01	169.00	172.00	3.00	3.00	100	E146865	2	0	1.7	18	129	149	
ARM-10-01	172.00	175.00	3.00	3.00	100	E146866	2	0	1.2	11	108	42	
-	-	-	-	-	-	E146867	2	0	0.1	1	1	11	Blank
ARM-10-01	175.00	178.00	3.00	3.00	100	E146868	2	0	1.1	9	121	29	
ARM-10-01	178.00	181.00	3.00	3.00	100	E146869	2	0	1.7	21	97	82	
ARM-10-01	181.00	184.00	3.00	2.95	98	E146870	2	0	1.1	8	137	492	

Complete Sample List

Property: ARM

Hole	From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Pb (ppm)	Cu (ppm)	Zn (ppm)	Comments
ARM-10-01	184.00	187.00	3.00	2.91	97	E146871	2	0	1.1	6	161	642	
ARM-10-01	187.00	190.00	3.00	3.00	100	E146872	2	0	0.7	13	100	184	
ARM-10-01	190.00	193.00	3.00	3.00	100	E146873	3	0	0.4	0	63	87	
ARM-10-01	193.00	196.00	3.00	3.00	100	E146874	3	0	0.2	0	41	236	
ARM-10-01	196.00	199.00	3.00	3.00	100	E146875	3	<0.005	0.3	0	48	48	
ARM-10-01	199.00	202.00	3.00	2.95	98	E146876	3	0	0.5	1	72	85	
ARM-10-01	202.00	205.00	3.00	3.00	100	E146877	3	0	0.3	0	67	48	
-	-	-	-	-	-	E146878	3	0	156	48200	2510	50400	Standard - CDN-ME-7
ARM-10-01	205.00	208.00	3.00	2.80	93	E146879	3	0	1.1	1	45	58	
ARM-10-01	208.00	211.00	3.00	2.95	98	E146880	3	0	0.4	0	47	65	
ARM-10-01	211.00	214.00	3.00	3.00	100	E146881	3	<0.005	0.2	0	39	67	
ARM-10-01	214.00	217.00	3.00	2.93	98	E146882	3	<0.005	0.2	0	46	39	
ARM-10-01	217.00	220.00	3.00	3.00	100	E146883	3	<0.005	0.2	0	39	32	
ARM-10-01	220.00	223.00	3.00	3.00	100	E146884	3	<0.005	0.2	0	69	54	
ARM-10-01	223.00	226.00	3.00	2.90	97	E146885	3	<0.005	0.2	0	44	41	
-	-	-	-	-	-	E146886	3	<0.005	<0.2	<0.2	1	14	Blank
ARM-10-01	226.00	229.00	3.00	2.95	98	E146887	3	<0.005	0.2	0	41	69	
ARM-10-01	229.00	232.00	3.00	3.00	100	E146888	3	<0.005	0.5	1	53	37	
ARM-10-01	232.00	235.00	3.00	2.89	96	E146889	3	0	<0.2	<0.2	44	61	
ARM-10-01	235.00	238.00	3.00	3.00	100	E146890	3	0	0.2	0	43	36	
ARM-10-01	238.00	241.00	3.00	2.05	68	E146891	3	<0.005	0.4	0	45	227	
ARM-10-01	241.00	244.00	3.00	2.95	98	E146892	3	<0.005	0.2	0	30	402	
ARM-10-01	241.00	244.00	3.00	2.95	98	E146893	3	<0.005	<0.2	<0.2	28	407	Duplicate
ARM-10-01	244.00	247.00	3.00	3.00	100	E146894	3	0	0.4	0	48	189	
ARM-10-01	247.00	250.00	3.00	2.95	98	E146895	3	0	0.6	1	51	124	
ARM-10-01	250.00	253.00	3.00	3.00	100	E146896	3	0	0.5	1	49	363	
-	-	-	-	-	-	E146897	3	0	101	10300	6490	5010	Standard - CDN-ME-6
ARM-10-01	253.00	256.00	3.00	2.25	75	E146898	3	0	0.7	1	74	120	
ARM-10-01	256.00	259.00	3.00	2.95	98	E146899	3	0	0.6	1	53	12	
ARM-10-01	259.00	262.00	3.00	3.00	100	E146900	3	0	0.5	1	83	14	
ARM-10-01	262.00	265.00	3.00	3.00	100	E146901	3	<0.005	0.4	0	56	10	
-	-	-	-	-	-	E146902	3	<0.005	<0.2	<0.2	4	15	Blank
ARM-10-01	265.00	268.00	3.00	3.00	100	E146903	3	<0.005	0.4	0	79	11	
ARM-10-01	268.00	271.00	3.00	3.00	100	E146904	3	0	1.3	1	99	244	
ARM-10-01	271.00	272.80	1.80	1.65	92	E146905	3	0	2.5	3	161	688	

MAGNETIC SUSCEPTIBILITY LOG

HOLE: ARM-10-01

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00			N/A	
2.00			N/A	
3.00			N/A	
4.00			N/A	
5.00			N/A	
6.00			N/A	
7.00			N/A	
8.00			N/A	
9.00			N/A	
10.00			N/A	
11.00			N/A	
12.00			N/A	
13.00			0.11	
14.00			0.01	
15.00			-0.03	
16.00			0.00	
17.00			0.01	
18.00			0.21	
19.00			0.06	
20.00			-0.01	
21.00			-0.03	
22.00			-0.01	
23.00			0.16	
24.00			-0.08	
25.00			-0.01	
26.00			-0.03	
27.00			0.05	
28.00			0.01	
29.00			-0.03	
30.00			0.01	
31.00			0.10	
32.00			0.00	
33.00			0.00	
34.00			0.02	
35.00			0.00	
36.00			0.02	
37.00			1.35	
38.00			-0.08	
39.00			-0.04	
40.00			-0.02	
41.00			0.02	
42.00			2.46	
43.00			2.19	
44.00			0.61	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			-0.41	
46.00			0.18	
47.00			0.04	
48.00			0.18	
49.00			0.26	
50.00			0.16	
51.00			-0.02	
52.00			0.00	
53.00			0.02	
54.00			0.00	
55.00			0.06	
56.00			0.08	
57.00			0.02	
58.00			0.00	
59.00			0.02	
60.00			0.06	
61.00			0.04	
62.00			0.18	
63.00			0.06	
64.00			0.00	
65.00			0.06	
66.00			0.02	
67.00			0.04	
68.00			0.04	
69.00			0.06	
70.00			0.00	
71.00			0.08	
72.00			0.16	
73.00			0.06	
74.00			0.04	
75.00			0.08	
76.00			0.02	
77.00			0.47	
78.00			0.04	
79.00			-0.02	
80.00			0.02	
81.00			0.41	
82.00			0.16	
83.00			0.04	
84.00			0.57	
85.00			0.08	
86.00			0.00	
87.00			0.20	
88.00			0.43	
89.00			0.36	
90.00			0.00	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
91.00			0.67	
92.00			0.04	
93.00			0.10	
94.00			0.18	
95.00			0.14	
96.00			0.04	
97.00			0.00	
98.00			0.06	
99.00			0.10	
100.00			0.06	
101.00			-0.06	
102.00			0.00	
103.00			0.00	
104.00			0.00	
105.00			0.00	
106.00			0.06	
107.00			0.00	
108.00			-0.04	
109.00			0.04	
110.00			0.04	
111.00			-0.02	
112.00			0.16	
113.00			0.00	
114.00			0.02	
115.00			0.00	
116.00			0.06	
117.00			0.02	
118.00			0.00	
119.00			0.00	
120.00			-0.02	
121.00			0.12	
122.00			0.02	
123.00			-0.04	
124.00			0.04	
125.00			0.38	
126.00			0.28	
127.00			0.00	
128.00			0.51	
129.00			0.61	
130.00			0.28	
131.00			-0.04	
132.00			-0.10	
133.00			0.02	
134.00			0.02	
135.00			0.02	
136.00			0.08	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
137.00			0.10	
138.00			0.18	
139.00			0.75	
140.00			-0.43	
141.00			0.04	
142.00			0.06	
143.00			0.04	
144.00			0.26	
145.00			-0.02	
146.00			0.34	
147.00			0.06	
148.00			-0.04	
149.00			0.20	
150.00			0.22	
151.00			0.12	
152.00			0.32	
153.00			0.55	
154.00			0.22	
155.00			0.14	
156.00			0.36	
157.00			0.96	
158.00			0.18	
159.00			1.27	
160.00			0.08	
161.00			0.04	
162.00			1.23	
163.00			0.12	
164.00			0.04	
165.00			0.10	
166.00			0.84	
167.00			0.18	
168.00			0.04	
169.00			0.14	
170.00			0.28	
171.00			0.41	
172.00			0.08	
173.00			0.30	
174.00			0.04	
175.00			0.06	
176.00			0.10	
177.00			0.34	
178.00			0.20	
179.00			0.04	
180.00			0.22	
181.00			0.12	
182.00			0.16	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
183.00			-0.43	
184.00			0.02	
185.00			0.04	
186.00			0.10	
187.00			0.18	
188.00			0.12	
189.00			0.08	
190.00			0.08	
191.00			0.04	
192.00			0.18	
193.00			1.23	
194.00			0.32	
195.00			-0.26	
196.00			0.00	
197.00			0.10	
198.00			0.16	
199.00			2.27	
200.00			0.04	
201.00			0.04	
202.00			0.04	
203.00			0.47	
204.00			0.14	
205.00			0.12	
206.00			-0.16	
207.00			0.02	
208.00			0.06	
209.00			0.02	
210.00			0.04	
211.00			0.24	
212.00			0.10	
213.00			0.10	
214.00			0.14	
215.00			0.08	
216.00			0.08	
217.00			0.18	
218.00			0.04	
219.00			0.06	
220.00			0.08	
221.00			0.14	
222.00			0.14	
223.00			0.12	
224.00			0.12	
225.00			0.77	
226.00			0.24	
227.00			1.02	
228.00			0.02	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
229.00			0.12	
230.00			0.06	
231.00			0.08	
232.00			0.08	
233.00			0.10	
234.00			0.10	
235.00			0.02	
236.00			0.22	
237.00			0.12	
238.00			-0.28	
239.00			0.24	
240.00			0.16	
241.00			0.18	
242.00			0.84	
243.00			0.18	
244.00			0.22	
245.00			0.04	
246.00			0.14	
247.00			0.14	
248.00			0.20	
249.00			0.00	
250.00			0.04	
251.00			0.04	
252.00			0.06	
253.00			1.16	
254.00			0.30	
255.00			0.22	
256.00			0.06	
257.00			0.00	
258.00			0.51	
259.00			0.06	
260.00			0.12	
261.00			0.08	
262.00			0.04	
263.00			0.49	
264.00			0.22	
265.00			0.08	
266.00			0.12	
267.00			0.08	
268.00			0.08	
269.00			0.14	
270.00			0.26	
271.00			0.06	
272.00			0.08	
EOH				

BOX LOG

HOLE: ARM-10-01

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1	6.10	8.15	36	187.08	192.92
2	8.15	12.50	37	192.92	198.31
3	12.50	15.96	38	198.31	203.75
4	15.96	19.62	39	203.75	209.05
5	19.62	23.16	40	209.05	214.43
6	23.16	26.86	41	214.43	219.55
7	26.86	30.71	42	219.55	224.87
8	30.71	32.31	43	224.87	229.91
9	32.31	37.73	44	229.91	235.29
10	37.73	43.23	45	235.29	241.25
11	43.23	48.49	46	241.25	247.23
12	48.49	54.25	47	247.23	253.24
13	54.25	59.98	48	253.24	259.53
14	59.98	65.64	49	259.53	265.04
15	65.64	71.22	50	265.04	270.30
16	71.22	76.59	51	270.30	272.80
17	76.59	82.38	EOH		
18	82.38	88.32			
19	88.32	93.88			
20	93.88	99.74			
21	99.74	105.34			
22	105.34	110.70			
23	110.70	116.13			
24	116.13	121.31			
25	121.31	126.70			
26	126.70	131.85			
27	131.85	137.27			
28	137.27	145.15			
29	145.15	151.79			
30	151.79	158.72			
31	158.72	164.88			
32	164.88	170.41			
33	170.41	176.00			
34	176.00	181.60			
35	181.60	187.08			