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ASSESSMENT REPORT

describing

GEOCHEMICAL SAMPLING, PROSPECTING, GEOLOGICAL MAPPING, HAND TRENCHING, DIAMOND DRILLING AND TOTAL CYANIDE SOLUBILITY TESTING

Field work performed from July 11 to 25 and August 8 to September 10, 2016

at the

MARS PROPERTY

DDH 1-16	YB67058-YB67073
STARS 1-34	YC65873-YC65906
STAR 35-77	YD07305-YD07347

NTS 105E/07
Latitude 61°17′N; Longitude 134°48′W

located in the

Whitehorse Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

STRATEGIC METALS LTD.

by

A. Mitchell, B.Sc. GIT

January 2017

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INTRODUCTION

The Mars property covers a copper-gold-molybdenum alkali porphyry prospect. The property is located in south-central Yukon and is wholly owned by Strategic Metals Ltd.

This report describes geochemical sampling, prospecting, geological mapping, hand trenching and diamond drilling, which were conducted from July 11 to 25 and August 8 to September 10, 2016, and total cyanide solubility testing, which was done after the field season. Archer, Cathro & Associates (1981) Limited managed the program on behalf of Strategic Metals. The author participated in the program and interpreted the results from it. The author's Statement of Qualifications is provided in Appendix I, and a Statement of Expenditures appears in Appendix II.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Mars property consists of 93 contiguous mineral claims located in south-central Yukon at latitude 61°17' north and 134°48' west on NTS map sheet 105E/07 (Figure 1). The property covers an area of approximately 1900 hectares (19 km^2). The claims are registered with the Whitehorse Mining Recorder in the name of Archer Cathro, which holds them in trust for Strategic Metals. Individual claim locations are shown in Figure 2 and claim registration information is tabulated below:

Claim Name	Grant Number	Expiry Date*
DDH 1-16	YB67058-YB67073	April 1, 2023
STARS 1-34	YC65873-YC65906	April 1, 2023
STAR 35-77	YD07305-YD07347	April 1, 2023

* Expiry dates do not include 2016 work that has not yet been filed for assessment credit.

The Mars property lies about 65 km north of Whitehorse, the nearest supply centre. The Livingstone Trail, a winter-only trail suitable for tracked vehicles, passes 5 km south of the property enroute to placer gold mining camps in the Livingstone Creek area, approximately 20 km east-northeast of the property.

Access to and from the property was provided by a Bell 206B helicopter operated by Capital Helicopters and an AStar B3 helicopter operated by Trans North Helicopters, from their respective bases at the Whitehorse airport. Work was done from a tent-frame camp on the property. The drill was winterized and is cached on the property.

HISTORY AND PREVIOUS WORK

From 1929 to 1971, intermittent, poorly documented exploration was performed within the area now covered by the Mars property. Since then, several better documented exploration programs were carried out over various parts of the current property by different operators (Figure 3). Table I summarizes work performed and results obtained by exploration programs conducted since 1971.

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FIGURE 1

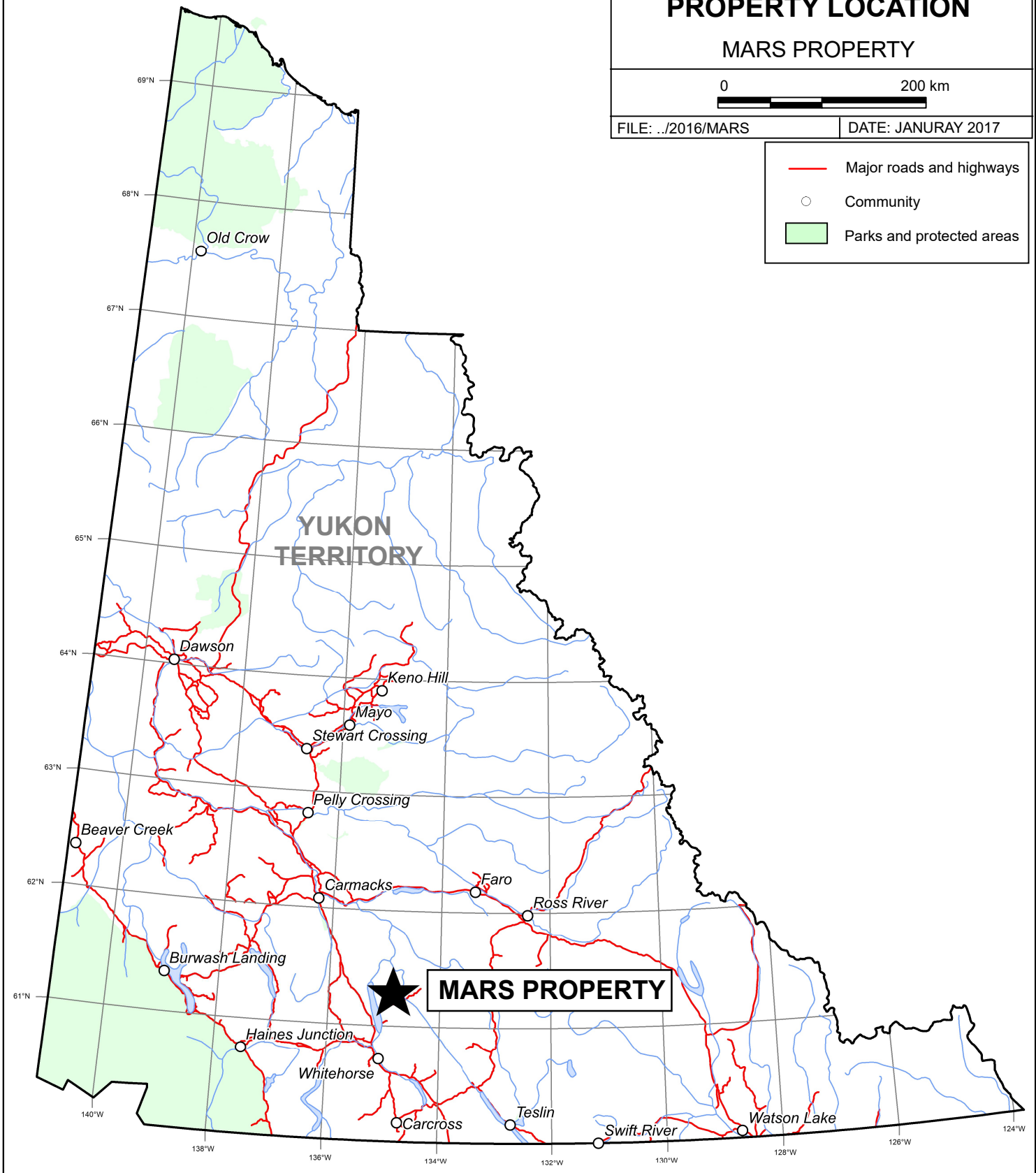
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

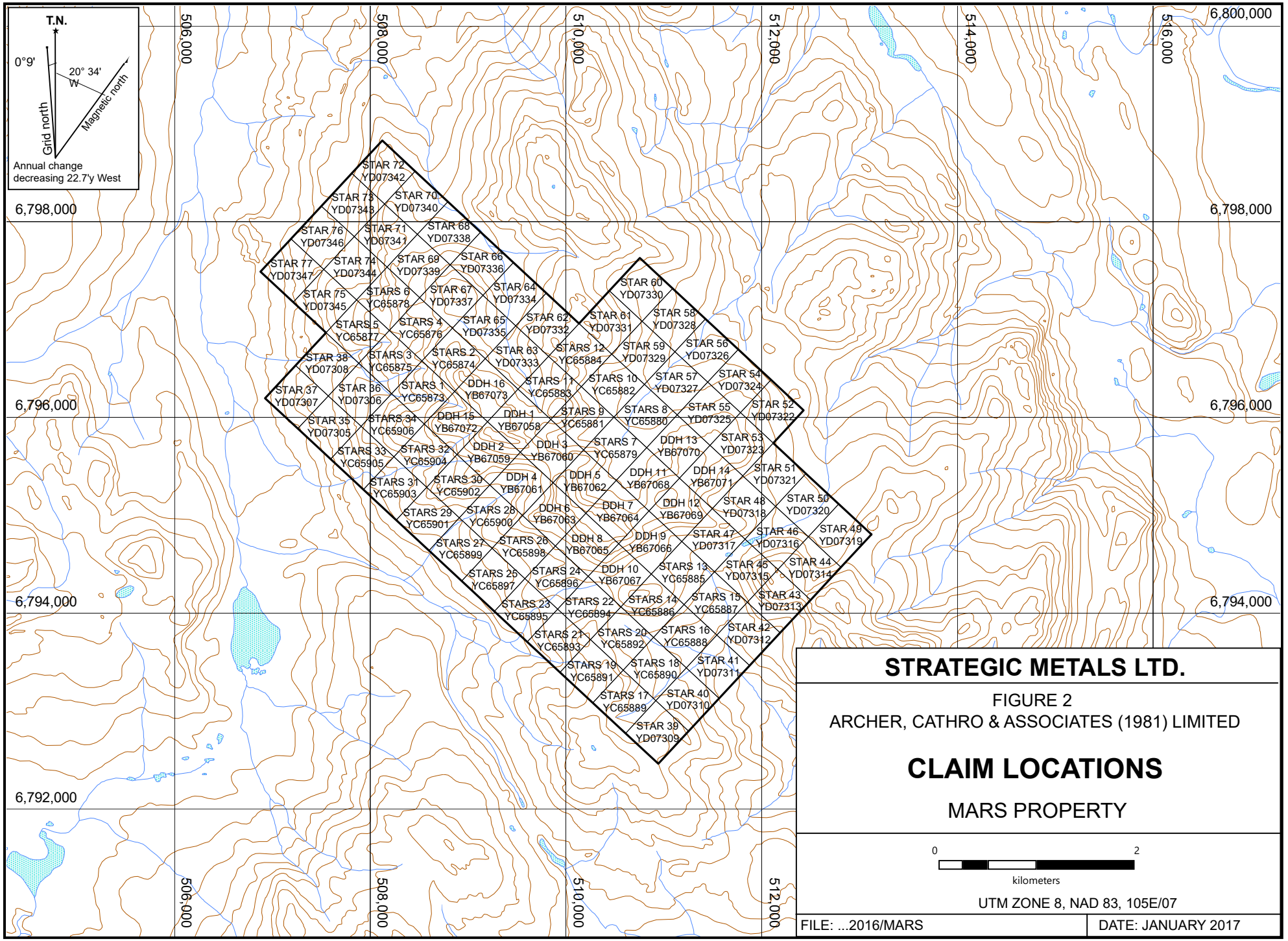
PROPERTY LOCATION

MARS PROPERTY

0 200 km

FILE: ../2016/MARS | DATE: JANURAY 2017





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FIGURE 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATIONS

MARS PROPERTY

UTM ZONE 8, NAD 83, 105E/07

FILE: ...2016/MARS

DATE: JANUARY 2017

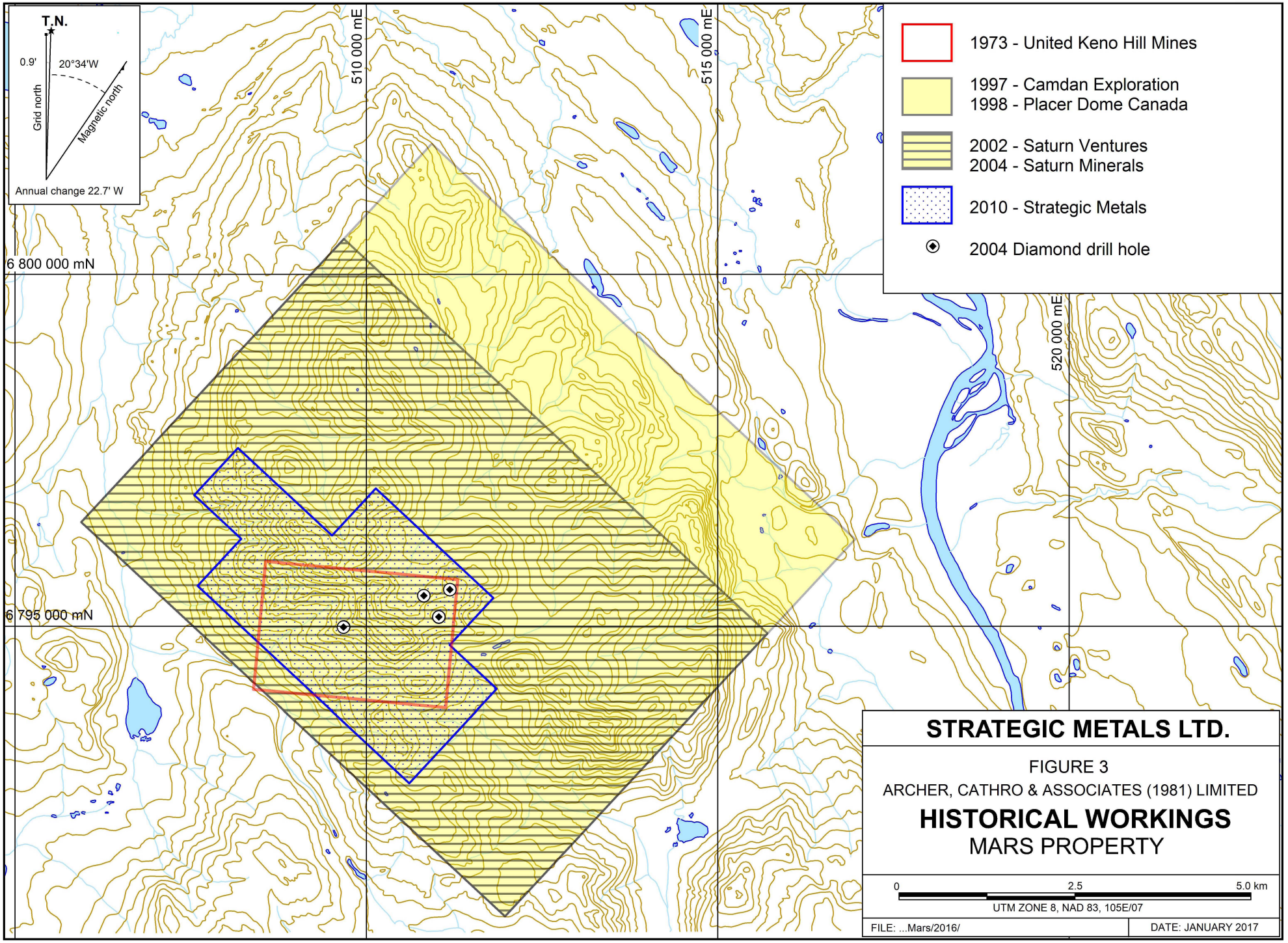

T.N.
0.9'
20°34'W
Grid north
Magnetic north
Annual change 22.7' W
510 000 mE
515 000 mE
520 000 mE
6 800 000 mN
6 795 000 mN
1973 - United Keno Hill Mines
1997 - Camdan Exploration
1998 - Placer Dome Canada
2002 - Saturn Ventures
2004 - Saturn Minerals
2010 - Strategic Metals
2004 Diamond drill hole
STRATEGIC METALS LTD.
FIGURE 3
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
HISTORICAL WORKINGS
MARS PROPERTY
0
2.5
5.0 km
UTM ZONE 8, NAD 83, 105E/07
FILE: ...Mars/2016/
DATE: JANUARY 2017

Table I – Exploration History of the Mars Property

Year of Work (Assessment Report)	Owner/ Operator	Claims	Work Performed	Results
1971 (060152)	United Keno Hill Mines Ltd.	not staked	Stream sediment sampling and prospecting.	Outlined isolated Cu & Mo stream sediment anomalies. Grab samples returned up to 0.53% Cu & 0.04% Mo. Note: no samples were analyzed for gold.
1972 (060152)	United Keno Hill Mines Ltd.	TUV	Prospecting, mapping, rock sampling (8 samples), contour soil sampling (62 samples), and reconnaissance soil sampling (840 samples).	Mapped 90.6 sq. km. Grab samples returned up to 0.28% Cu & 4.38 g/t Ag. Sporatic, isolated Cu & Mo soil anomalies trend northwesterly. Note: no samples were analyzed for gold.
1973 (060152)	United Keno Hill Mines Ltd.	TUV	Three hand trenches.	Trenches were mentioned in the report; however, no record of results, only a note suggesting mineralization is similar to previously identified prospective areas.
1996 (093656)	Camdan Exploration Inc.	DDH and MARS	Prospecting, soil, rock and chip sampling, and ground magnetometer surveys.	23 grab samples returned 100 to 4790 ppb Au, 33 samples returned 1.0 to 195.7 ppm Ag, & 39 samples returned 0.05 to 1.95% Cu. Magnetometer survey outlined a 350 m x 150 m high that is coincident with a gold geochemical anomaly.
1997 (093874)	Placer Dome Canada Ltd.	DDH and MARS	Line cutting, grid based soil sampling, mapping, IP survey, airborne magnetometer survey, airborne radiometric survey, and limited thin section petrography.	IP survey showed a high chargeability zone coincident with Cu-Au surface mineralization. Recommended diamond drilling at 45° beneath the IP anomalies (never done).
2001 (094290)	Saturn Ventures Inc.	DDH and MARS	Line cutting, prospecting, hand trenching, differential GPS surveying, soil and rock geochemical sampling, and compilation of all previous work.	Concluded populations of Au and Cu soil anomalies are distinctly separate (reflecting different dispersions of the metals or Au- and Cu-rich bedrock are spatially independent). Anomalous Au and Cu soils are restricted to the SW part of the claims & follow a NW trend.

2003 (work reported in 094480)	Saturn Minerals Inc.	DDH and MARS	Excavator trenching, and a review of previous work.	The first map of alteration distribution and assemblages for the property.
2004 (094480)	Saturn Minerals Inc.	DDH and MARS	Diamond drilling (827 m in 7 holes), and alteration mapping.	Geochem results from drill core: all but two of 192 samples returned under 667 ppm Cu (2902 and 813 ppm), 9 samples returned > 100 ppb Au (one interval graded 6.44 g/t Au over 4.57 m), and 17 samples exceeded 103 ppm Mo with a max of 1080 ppm Mo. Mapping outlined a broad NW trending K-feldspar alteration zone (1 x 3 km). Recommended drilling on untested prospects with exposed Au-Cu-Mo mineralization, and a detailed ground magnetometer survey.
2010	Strategic Metals Ltd.	DDH and MARS	Helicopter-borne magnetics and radiometrics survey	Identified northwest trending magnetic anomaly coincident with anomalous soil geochemistry
2011	New Dimension Resources	DDH and MARS	Diamond drilling (635.5 m in 2 holes).	Two intersections in hole one returned 0.27 g/t Au, 0.16% Cu, 1.22 g/t Ag and 0.028% Mo over 23.07 m and 0.17 g/t Au, 0.25% Cu, 2.03 g/t Ag and 0.028% Mo over 14.75 m.

Results from these exploration programs are further described in the following paragraphs.

The earliest record of exploration in the Mars area is from 1929 to 1935 where various portions of the Laberge area were mapped and prospected by the Geological Survey of Canada (GSC) – Bostock et al., 1938.

In 1971, a regional stream sediment geochemical survey was conducted by United Keno Hill Mines. Grab samples from that program returned values up to 0.47% copper and 0.04% molybdenum (Pangman and Van Tassell, 1972). United Keno Hill staked the first claims in the area in July 1972 and conducted geological mapping, prospecting and soil sampling that year. Eight rock samples were collected and analyzed for copper and silver, which graded up to 0.26% and 4.80 g/t, respectively. A total of 902 soil samples were taken and all were analyzed for copper and molybdenum. Sixty-two of the samples were also analyzed for lead, zinc and silver (Pangman and Van Tassell, 1972). Gold analyses were not done. The sampling results identified weak copper and molybdenum values that are scattered over a northwestly trend along the main ridge. United Keno Hill completed three hand trenches and a petrographic study in

1973. The trenching did not expose any copper occurrences that were more encouraging than those found at surface. The claims were allowed to lapse (Wark, 1998).

In 1984, the GSC age-dated the stock underlying Windy Mountain (formally named the Teslin Crossing Stock). Three K-Ar dates from the stock ranged between 173±4 and 186±5 Ma, while a date of 164+10 Ma was obtained from a dyke about 20 km north of the stock.

In 1988, the Geological Survey of Canada performed regional stream sediment sampling across the Laberge map sheet (Hornbrook et al, 1989).

In 1996, A. Doherty and B. Sauer staked 16 DDH claims after reviewing historical work in the area and recognized an alkali gold-copper porphyry target. They collected 12 rock samples that returned anomalous gold values (0.15 to 4.79 g/t), and subsequently optioned the property to Camdan Exploration Inc. in September of that year (Walton, 1997). Work by Camdan Exploration included prospecting and soil geochemistry sampling (Walton, 1997).

In 1997, Placer Dome optioned the property and conducted line cutting, airborne and ground geophysical surveys, grid soil geochemical sampling, mapping, and whole rock and petrographic studies (Wark, 1998). Though the results were favorable and drilling was recommended, Placer Dome dropped its option after it closed its Yukon office. The claims reverted back to A. Doherty and B. Sauer.

In 2001, Saturn Ventures Inc. optioned the property and carried out a program of hand trenching, prospecting and geochemical surveys. A total of 107 rock and 1026 grid soil samples were taken during that program (Keyser, 2002). Results were favorable and Saturn Minerals Inc. (successor company to Saturn Ventures Inc.) conducted a small excavator trenching and geological mapping program in 2003. In 2004, Saturn Minerals completed a 7 hole, 827 m diamond drill program on 4 drill sites (Lang and McClaren, 2004). Disappointing results prompted Saturn Minerals to drop its option, and the claims were returned to A. Doherty and B. Sauer.

In 2007, ATAC Resources Ltd. staked the STARS claims adjacent to the DDH claims, and in 2009 it purchased B. Sauer's 50% stake in the DDH claims.

In 2010, Strategic Metals Ltd. purchased ATAC Resources' interests in the DDH and STARS claims, and A. Doherty's 50% holding in the DDH claims. That year, Strategic Metals carried out a helicopter-borne magnetics and radiometrics survey, which identified a northwestly trending magnetic anomaly that corresponds to anomalous soil geochemistry (Fu, 2010).

In 2011, Strategic Metals optioned the property to New Dimension Resources Ltd., which performed a two hole, 635.5 m diamond drill program designed to test the northwestly trending geochemical and geophysical anomalies identified by previous workings. Two intersections from one of these holes were particularly interesting: 23.07 m from 179.83 m to 202.90 m assayed 0.27 g/t gold, 0.16% copper, 1.22 g/t silver and 0.028% molybdenum; and 14.75 m from 224.23 to 238.98 m graded 0.17 g/t gold, 0.25% copper, 2.03 g/t silver and 0.028% molybdenum (Unger, 2011).

In 2013, New Dimension dropped its option, and the claims were returned to Strategic Metals.

GEOMORPHOLOGY AND CLIMATE

The Mars property lies within the Lewes Plateau physiographic region and is located on Windy Mountain between Lake Laberge and the Teslin River. It is drained by creeks that flow into the Teslin River, which connects to the Pacific Ocean via the Yukon River.

Elevations range from 1220 to 1485 m above sea level. The property has been influenced by numerous glacial events, with glacial and glaciofluvial deposits related to the most recent, McConnell glaciation. These deposits generally comprise mixed colluvial and morainal veneers on ridgetops and knolls, and either streamlined or incised moraine deposits, or moraine blankets, at lower elevations.

Treeline on the property is about 1370 m. Grass, moss and light brush predominate at higher elevations while stands of alder, willow and black spruce occur below treeline. Narrow creeks divide rocky spurs oriented perpendicular to the northwesterly trend of the main ridge. A large upland swamp that occupies the eastern part of the property drains northeasterly.

The climate is typical of northern continental regions. The area is semi-arid with total precipitation around 30 cm per year. Summers are short and mild, while winters are long and cold.

REGIONAL GEOLOGY

The Mars property is located in the northern-most part of Stikinia, a large accreted terrane that extends from southern Yukon to southern British Columbia (Figure 4). Stikinia is made up of Upper Paleozoic volcanic arc basement rocks, which are locally overlain by Lewes River volcanic arc rocks that built up in Middle to Late Triassic (Hart, 1997). Erosion from uplifted arc sequences filled an adjacent basin, known as the Whitehorse Trough, with up to 7 km of clastic and carbonate strata that include the Tanglefoot Formation of the Laberge Group (Keyser, 2002).

Between 1929 and 1935 the Laberge area was mapped by the GSC (Bostock et al., 1938). In 1984, the GSC published a revised 1:250,000 scale geological map of Laberge (105E) map sheet (Tempelman-Kluit, 1984). Recent mapping by the Yukon Geological Survey (YGS) refined the sedimentary stratigraphy underlying the property (Figure 5). Regional-scale geological maps appear on the YGS website, which is periodically updated when new information becomes available (YGS, 2016). A description of lithologies in the vicinity of the property is provided in Table II.

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FIGURE 4

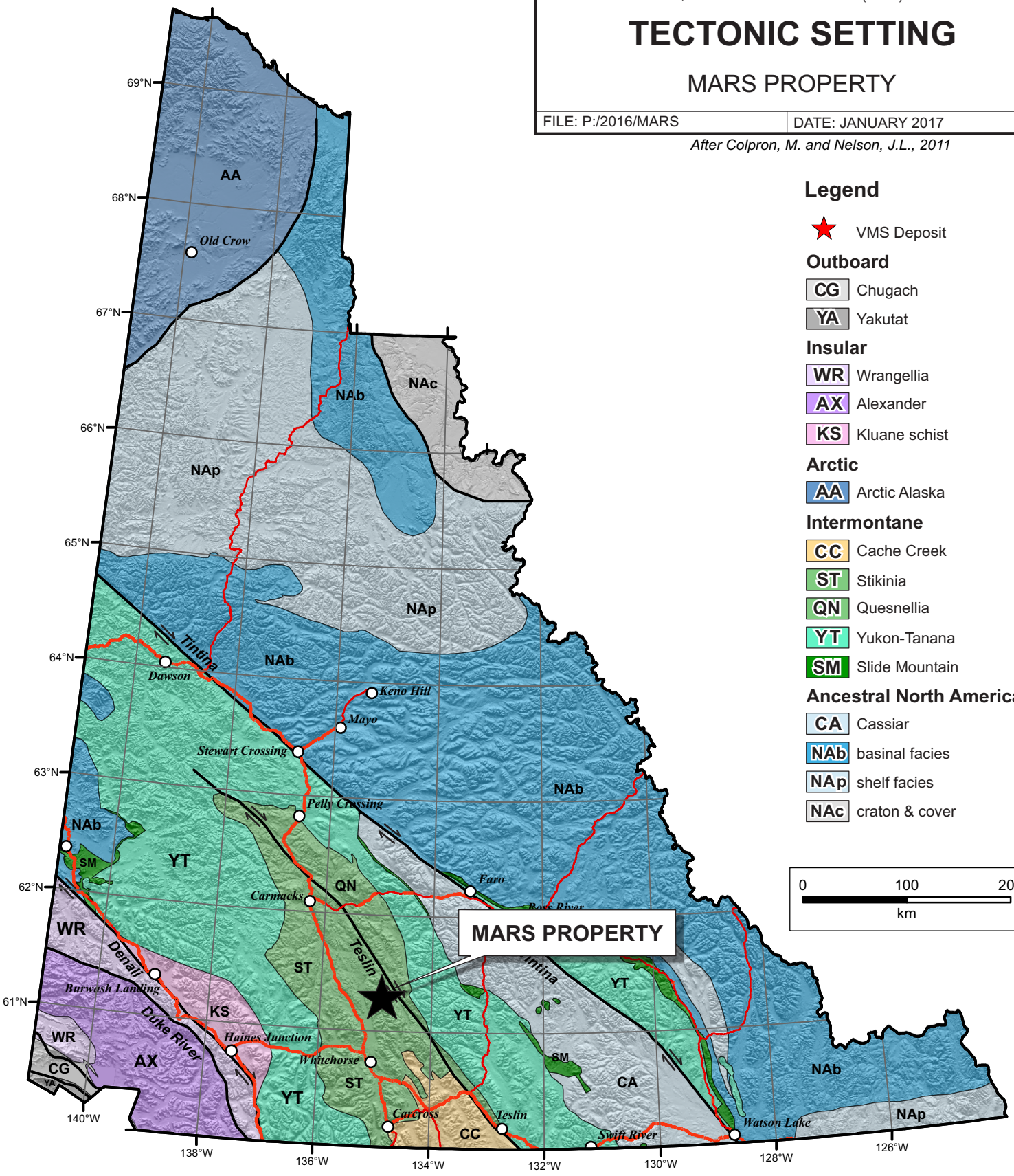
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TECTONIC SETTING

MARS PROPERTY

FILE: P:/2016/MARS | DATE: JANUARY 2017

After Colpron, M. and Nelson, J.L., 2011



Legend

- VMS Deposit

Outboard

- CG Chugach
- YA Yakutat

Insular

- WR Wrangellia
- AX Alexander
- KS Kluane schist

Arctic

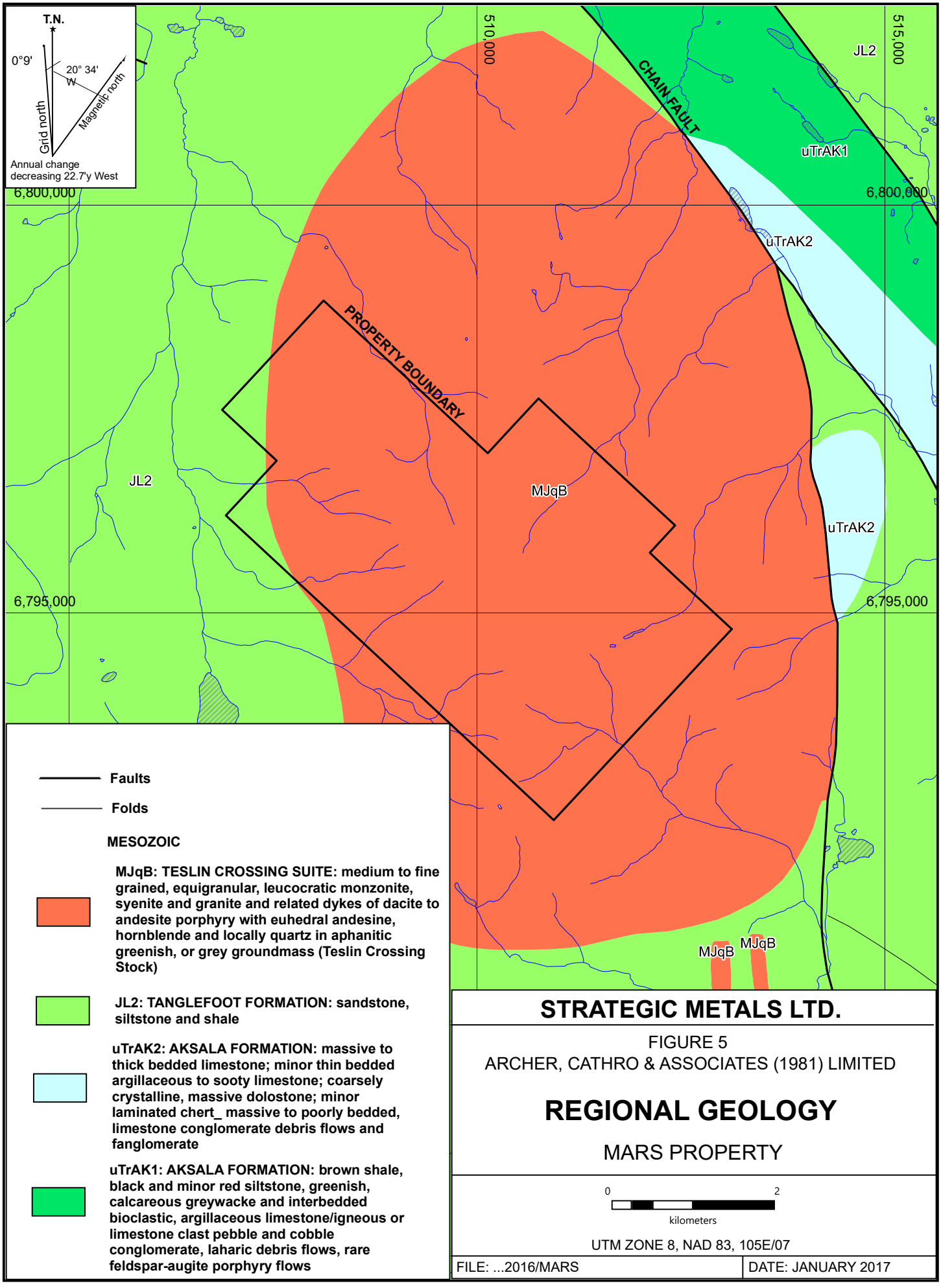
- AA Arctic Alaska

Intermontane

- CC Cache Creek
- ST Stikinia
- QN Quesnellia
- YT Yukon-Tanana
- SM Slide Mountain

Ancestral North America

- CA Cassiar
- NAb basinal facies
- NAp shelf facies
- NAc craton & cover



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FIGURE 5
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL GEOLOGY

MARS PROPERTY

0 2
kilometers

UTM ZONE 8, NAD 83, 105E/07

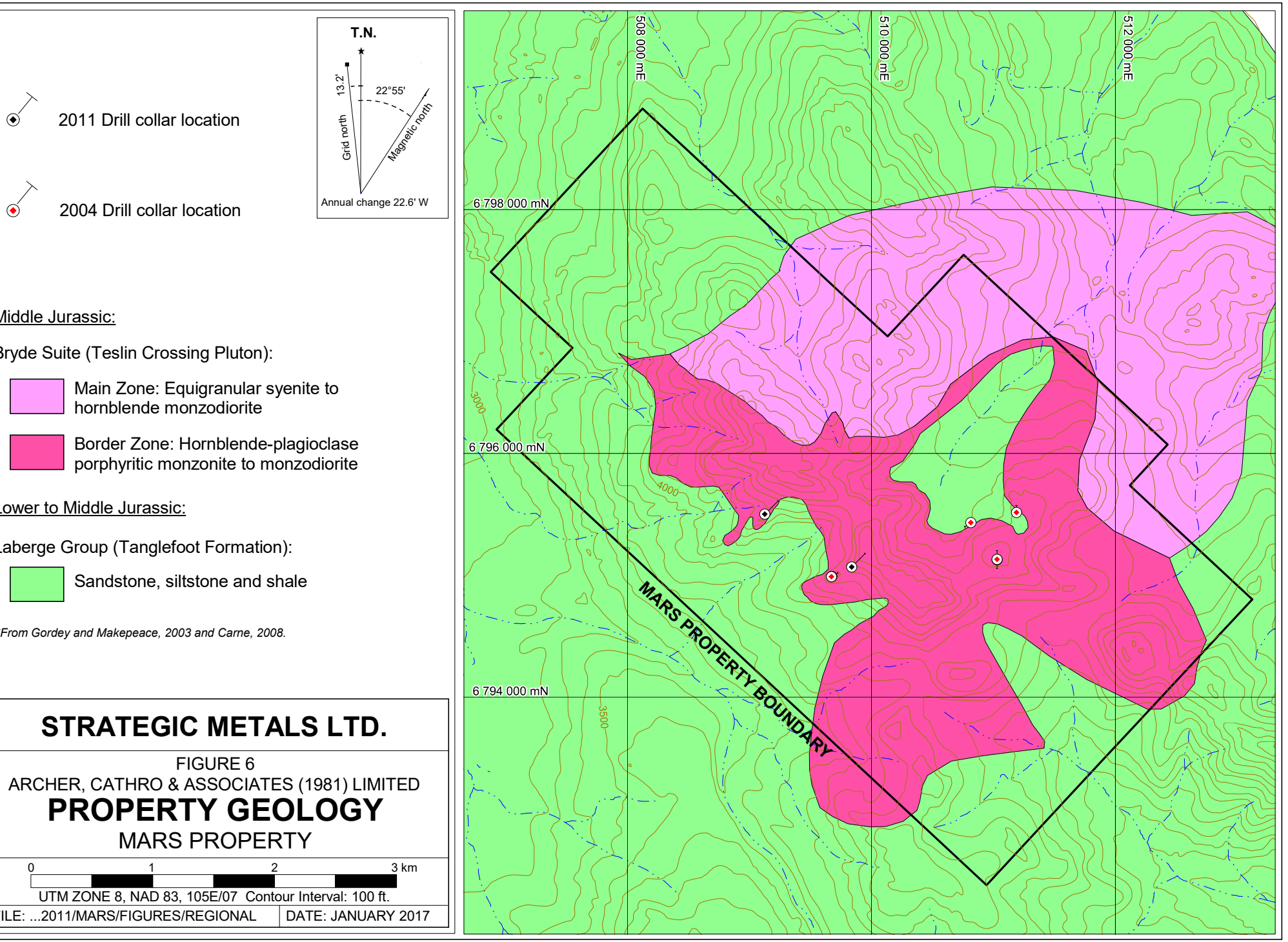
FILE: ...2016/MARS | DATE: JANUARY 2017

Table II – Lithological Units (*after YGS, 2016)*

Map Suite	Age	Map Unit	Description
Bryde Suite	Early to Middle Jurassic	MJqB	Medium to fine grained, equigranular, leucocratic monzonite, syenite and granite and related dykes of dacite to andesite porphyry with euhedral andesine, hornblende and locally quartz in aphanitic greenish, or grey groundmass (Teslin Crossing Pluton).
Tanglefoot Formation		JL2	Sandstone, siltstone and shale.
Aksala Formation	Late Triassic	uTrAK1	Brown shale, black and minor red siltstone, greenish, calcareous greywacke and interbedded bioclastic, argillaceous limestone/igneous or limestone clast pebble and cobble conglomerate, laharic debris flows, rare feldspar-augite porphyry flows.
		uTrAK2	Massive to thick bedded limestone; minor thin bedded argillaceous to sooty limestone; coarsely crystalline, massive dolostone with minor laminated chert; massive to poorly bedded, limestone conglomerate debris flows and fanglomerate.

The Mars property covers the west-central portion of the Teslin Crossing Pluton, an isolated Early to Middle Jurassic intrusion that was emplaced in pull apart basins within Tanglefoot Formation sediments (Hart, 1997). Dykes and stocks related to the Teslin Crossing Pluton are distinct from other plutons in the district and are confined to a band 15 km long (Hart, 1997).

Regional structures commonly strike northwest and are mostly right-lateral, strike slip faults. The Teslin Fault, which lies about 20 km east of the property, is the largest structure in the area. The Chain Fault, located three kilometres northeast of the property, likely represents a secondary structure off of the Teslin Fault. It flanks the northeastern edge of the Teslin Crossing Pluton and splays off it extending in to the eastern portion of the pluton. These large faults may control local features, which are also predominantly northwest trending (Keyser, 2002).


2011 Drill collar location
2004 Drill collar location
T.N.
13.2'
22°55'
Grid north
Magnetic north
Annual change 22.6' W
Middle Jurassic:
Bryde Suite (Teslin Crossing Pluton):
Main Zone: Equigranular syenite to hornblende monzodiorite
Border Zone: Hornblende-plagioclase porphyritic monzonite to monzodiorite
Lower to Middle Jurassic:
Laberge Group (Tanglefoot Formation):
Sandstone, siltstone and shale
*From Gordey and Makepeace, 2003 and Carne, 2008.
508 000 mE
510 000 mE
512 000 mE
6 798 000 mN
6 796 000 mN
6 794 000 mN
3000
4000
3500
MARS PROPERTY BOUNDARY
STRATEGIC METALS LTD.
FIGURE 6
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY GEOLOGY
MARS PROPERTY
0
1
2
3 km
UTM ZONE 8, NAD 83, 105E/07 Contour Interval: 100 ft.
FILE: ...2011/MARS/FIGURES/REGIONAL
DATE: JANUARY 2017

PROPERTY GEOLOGY

The Mars property (Figure 6) covers the southern part of the Teslin Crossing Pluton, and surrounding Jurassic sediments of the Tanglefoot Formation (Carne, 2008). The country rocks dip shallowly away from the pluton and consist of black, fissile, variably limy shales and siltstones with cherty sandstone beds and minor coal seams (Wark, 1998).

The pluton itself is an 11 by 7 km, elliptical, zoned stock (Carne, 2008) classified as a pyroxenite-associated silica-saturated alkali syenite. The contacts are irregular, following or controlling local topographic features. The core of the pluton is a varied and complex phase composed of predominantly pink, equigranular to porphyritic, medium to coarse grained, hornblende-biotite-syenite to hornblende-biotite-syenomonzonite with or without zoned plagioclase. Accessory minerals include magnetite and sphene-titanite. A border phase of the intrusion consists of grey to pink, equigranular to feldspar porphyritic, medium grained monzonite and monzodiorite with accessory minerals comprising sphene-titanite, magnetite and local pyrite and chalcopyrite. Sills found south of the pluton dip west, have narrow baked halos of black shales and are compositionally similar to the border phase of the pluton, but finer grained. Medium to coarse grained pyroxenite and pyroxene gabbro xenoliths are present in both the central and border phase of the Teslin Crossing Pluton (Hart, 1997). Sedimentary xenoliths are found in the border phase near its outer contact (Walton, 1997).

Potassic alteration is pervasive in both phases of the pluton and occurs as semi-pervasive flooding, narrow pink selvages along hairline fractures and within broader breccia zones (Hart, 1997).

Lithogeochronical data from the Teslin Crossing Pluton is consistent with plutons that host copper-gold alkalic porphyry deposits (Hart, 1997). The age of emplacement for the Teslin Crossing Pluton is dated at 176-186 Ma, which is younger than most alkali porphyry deposits in British Columbia (210-201 Ma), but is identical to that of Mt. Milligan alkali porphyry system (Hart, 1997).

MINERALIZATION

Three types of mineralization have been observed at the Mars property: 1) intrusive-hosted, disseminated and fracture-filling sulphides; 2) epigenetic veins and breccias with sulphides; and 3) gold-rich skarn (Figure 7). The work to date has concentrated on nine zones: Cliff, JL, New, Pluto, TA, X, WMS, Moon Knob and Andrew. All of the zones are located within the border phase of the Teslin Crossing Pluton, except for the Andrew Zone which is hosted by the border phase of the pluton and a large xenolith of Tanglefoot Formation.

In 2016, three rock samples were collected from the property, all of which are from the Andrew Zone. Rock sample locations and anomalous rocks from all sampling programs are plotted on Figure 7.

The 2016 rock sample sites are marked with orange flagging tape labelled with the sample number. The location of each sample was determined using a hand-held GPS unit. Sample

preparation for 2016 rock samples was carried out by ALS Minerals in Whitehorse, where the samples were dried and fine crushed to better than 70% passing -2mm before a 250 g split was pulverized to better than 85% passing 75 micron. The fine fractions were then sent to ALS Minerals in North Vancouver, where they were analyzed for 51 elements using an aqua regia digestion and mass spectrometry analysis (ME-MS41) and for gold by fire assay finished with atomic adsorption spectroscopy (Au-AA26). Certificates of Analysis and Rock Sample Descriptions are provided in Appendices III and IV, respectively.

The **Cliff Zone** lies in the west-central part of the property and is underlain by the border phase of the Teslin Crossing Pluton. It covers a 650 by 500 m area along a northwesterly trending ridge (informally named Windy Ridge). Mineralization comprises disseminated chalcopyrite with minor bornite, and northwestly trending fracture and vein/breccias containing k-spar and/or magnetite and ankerite/dolomite. Some of the veins host sporadic chalcopyrite, pyrite, malachite and limonite. Late-stage veins occur locally and host relatively higher lead and/or molybdenum values. The best grades within the Cliff Zone are generally associated with stronger k-spar alteration. Encouraging rock samples collected from this zone are listed in Table III.

Table III – Significant Historical Rock Sample Results – Cliff Zone

Sample Number	Cu (%)	Au (g/t)	Ag (g/t)	Mo (ppm)
KHM17	**0.26**	n/a	**4.8**	n/a
KHM34	0.04	n/a	**4.1**	n/a
BR020	**0.67**	**0.91**	**6.7**	n/a
JR031	0.04	**0.15**	0.7	n/a
JR035	**0.14**	**0.12**	0.8	n/a
JR036	**0.10**	**0.10**	0.3	n/a
SR018	**0.21**	**0.88**	**6.1**	n/a
LW96043	**0.15**	0.03	1.9	1
LW96045	**0.79**	0.03	**4.1**	31
LW96050	**0.10**	0.03	0.9	2
131334	**0.47**	0.08	1.9	**211**
29288	**0.21**	0.03	n/a	n/a

The **JL Zone** lies approximately 700 m northwest of the Cliff Zone. It covers a 150 m long northwestly trend that may be the continuation of the Cliff Zone. Only two rock samples have been collected from this zone and there are no descriptions of the geology or mineralization in this area. The two samples reportedly graded 0.63% copper, 0.79 g/t gold and 25.3 g/t silver, and 0.14% copper, 0.09 g/t gold and 0.6 g/t silver.

The **New Zone** is situated 350 m north-northeast of the Cliff Zone. It is represented by a single rock sample collected from a north-northwest trending saddle. The sample comprised moderately fractured, potassic altered monzonite with minor quartz veining. It returned 0.35% copper, 2.0 g/t gold, 6.0 g/t silver and 125 ppm molybdenum.

The **Pluto Zone** is located about 600 m northeast of the Cliff Zone. It occupies an area of intense potassic alteration with minor chalcopyrite and malachite on closely spaced fracture sets. Potassic alteration is both pervasive and fracture and vein controlled. The best results from this zone are 17 ppb gold and 176 ppm copper.

The **TA Zone** lies 600 m south-southeast of the Cliff Zone on Windy Ridge. It covers a 100 by 50 m area of iron-rich intrusive rocks with abundant malachite and azurite staining on weathered surfaces. Nine rock samples from this zone returned encouraging results, as tabulated in Table IV.

Table IV – Significant Historical Rock Sample Results – TA Zone

Sample Number	Cu (%)	Au (g/t)	Ag (g/t)	Mo (ppm)
KHM44	**0.13**	n/a	**4.1**	n/a
KHM50	**0.28**	n/a	**4.1**	n/a
KHM52	**0.18**	n/a	**4.1**	n/a
KHM53	0.01	n/a	1.4	n/a
BR019	**1.85**	**0.38**	**14.3**	n/a
131340	**0.92**	**0.47**	**25.0**	38
131341	**1.07**	**0.40**	2.4	6
131343	**0.39**	**1.21**	**3.6**	3
131344	**0.53**	**1.44**	**4.3**	5

The **X Zone** is situated 800 m south-southeast of the Cliff Zone on Windy Ridge and is described as an up to 1.5 m wide by 93 m long brecciated, oxidized and magnetite-veined structure. Rock samples from it graded up to 4.79 g/t gold, 0.28% copper and 195.7 g/t silver. The structure lies within a 250 by 150 m zone of strong albite alteration. Chalcopyrite appears to be fracture and vein controlled and is closely associated with magnetite. Brecciated magnetite and chlorite commonly form broad selvages to the larger veins. Wall-rocks display strong albite and carbonate alteration with significant recrystallization prior to brecciation and sulphide-chlorite-magnetite veining. Significant rock samples collected from this zone are listed in Table V.

Table V – Significant Historical Rock Sample Results – X Zone

Sample Number	Cu (%)	Au (g/t)	Ag (g/t)	Mo (ppm)
BR017	**0.18**	**0.23**	2.0	n/a
BR018	**0.28**	**4.79**	**195.7**	n/a
SR014	**1.98**	**0.17**	**3.0**	n/a
SR001	**0.39**	0.05	**3.8**	n/a
LW001	**0.83**	**2.59**	**38**	n/a
LW002	**0.22**	**2.71**	**87.5**	n/a
LW003	**1.95**	0.01	2.3	n/a

96A001	**0.56**	0.03	**4.6**	n/a
96A002	0.03	**1.30**	0.2	n/a
D096001	**0.21**	0.02	0.8	23
101020	**1.91**	0.03	**3.2**	8
102031	**1.15**	**0.61**	**9.1**	**160**
131325	**2.10**	0.06	**8.2**	31
M01-02	**0.49**	**0.24**	2.3	0
M01-03	**1.68**	0.05	1.5	0
29227	**0.20**	0.07	**3.05**	n/a
29228	**0.17**	**0.61**	**12.5**	**53**
29264	**0.66**	0.05	**7.0**	**90**
29296	**0.18**	0.03	1.3	13
29297	**0.22**	**0.10**	2.9	**75**
29298	**0.16**	0.05	**3.3**	31
29299	**0.62**	**0.14**	**14.0**	**350**
29300	**0.33**	**0.70**	**8.0**	39
49844	**0.43**	0.07	**3.3**	**790**
49845	**0.14**	0.04	**3.2**	**200**

The **Windy Mountain South Zone** lies 1400 m southeast of the Cliff Zone on Windy Ridge. It is represented by a 350 m long string of copper-gold±silver±molybdenum bearing rock samples. This zone has similar alteration assemblages as the Cliff Zone, but contains less disseminated chalcopyrite. Potassium feldspar and magnetite veinlets are more prominent in brecciated areas. Encouraging rock samples from this zone are listed in Table VI.

Table VI – Significant Historical Rock Sample Results – Windy Mountain South Zone

Sample Number	Cu (%)	Au (g/t)	Ag (g/t)	Mo (ppm)
29244	**0.28**	0.09	2.8	**69**
49872	**0.30**	**0.18**	1.5	6
BR015	**0.92**	**0.60**	**3.7**	n/a
BR016	**0.24**	**0.35**	1.3	n/a
LW96R029	**0.72**	**0.57**	2.4	**209**
LW96R030	**0.47**	**0.52**	1.6	5

The **Moon Knob Zone** is located approximately 600 m northeast of the Windy Mountain South Zone. Mineralization is hosted within centimetre-scale quartz-carbonate veins within border phase intrusives and locally along contacts of east-trending mafic and felsic dykes. Some veins have intense potassic altered wall-rocks and contain variable amounts of magnetite, fine grained chalcopyrite and locally molybdenite (near vein margins). Significant results from this zone is listed in Table VII.

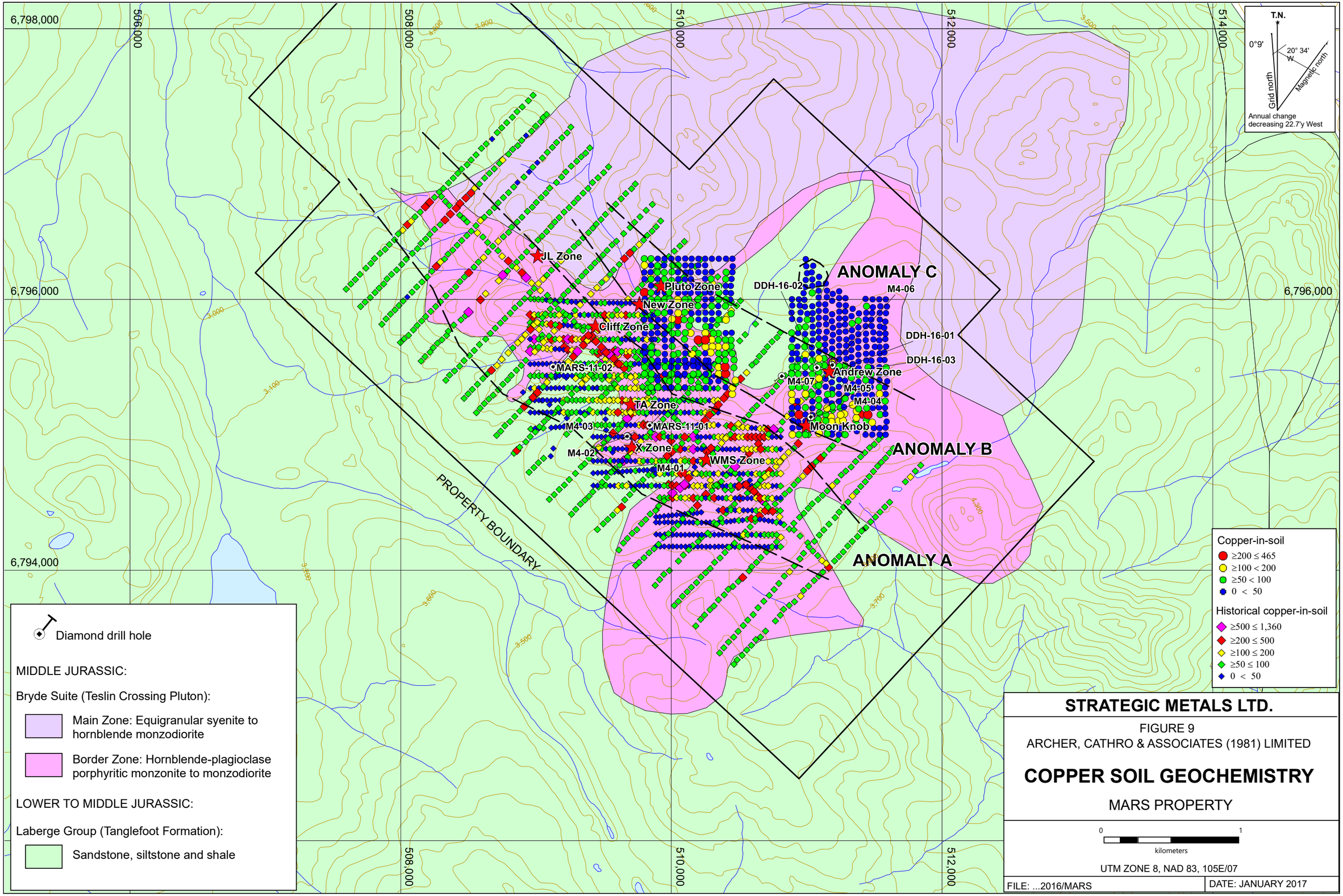
Table VII – Significant Historical Rock Sample Results – Moon Knob Zone

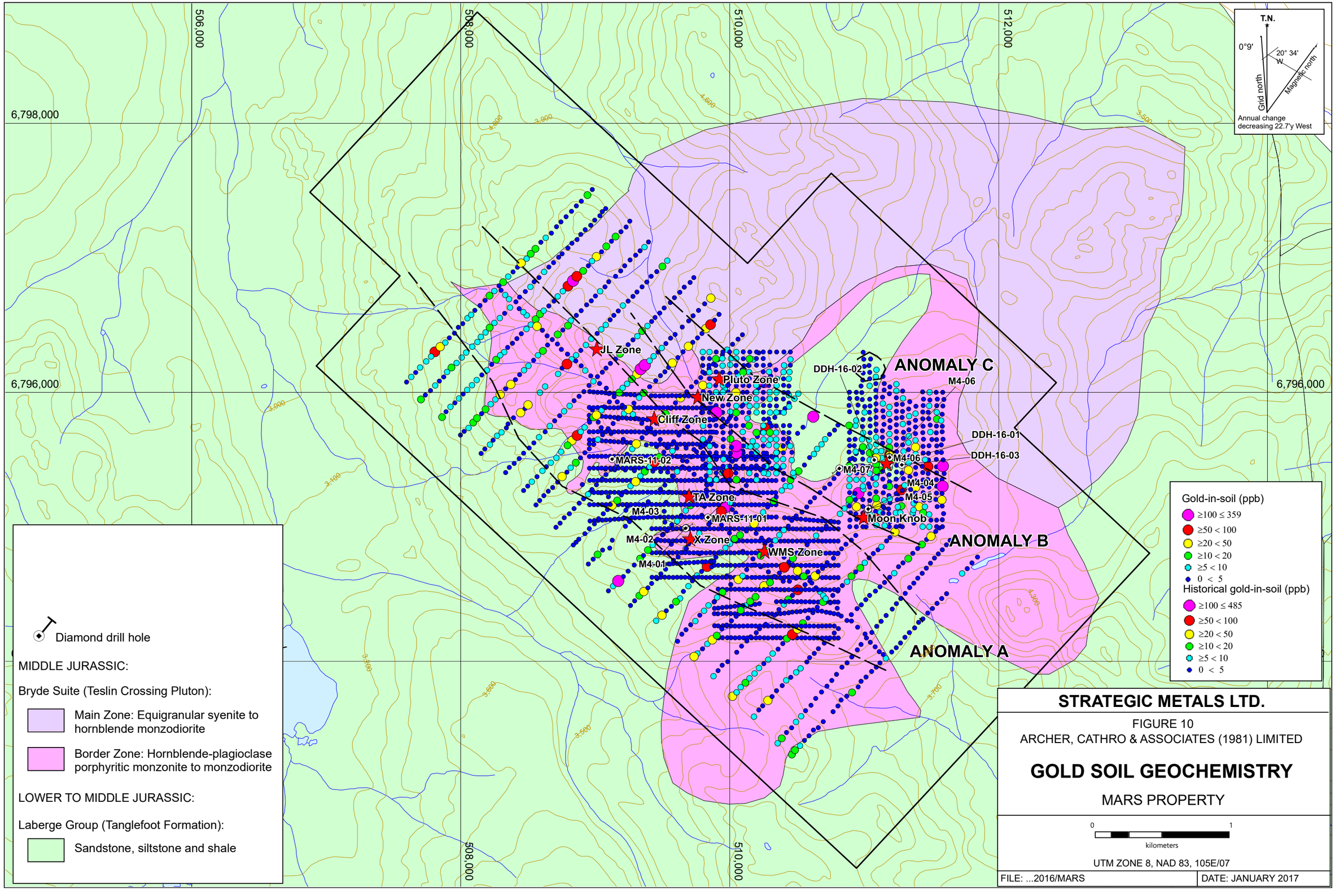
Sample Number	Cu (%)	Au (g/t)	Ag (g/t)	Mo (ppm)
JR003	**0.30**	0.04	**3.3**	n/a
JR013	**0.51**	0.06	**10.5**	n/a
JR016	**1.23**	0.05	**10.0**	n/a
MT005	**1.10**	**0.32**	**39.6**	n/a
MT010	**0.24**	0.06	**3.1**	n/a
MT013	0.03	**0.26**	0.8	n/a
MT017	**0.16**	0.02	1.5	n/a
101025	**0.60**	0.05	**9.2**	43
131336	**0.21**	0.02	1.8	**129**
131337	**0.80**	0.03	2.0	71
132338	**0.23**	0.08	0.6	4
29306	**0.66**	0.04	**13.0**	**960**
29308	0.09	0.01	**5.0**	**4400**
29310	**0.20**	0.01	1.6	22
29311	**0.15**	0.01	1.88	**315**
C2984	**0.21**	0.04	**7.0**	**4400**
C2985	**0.61**	0.04	**6.0**	**140**

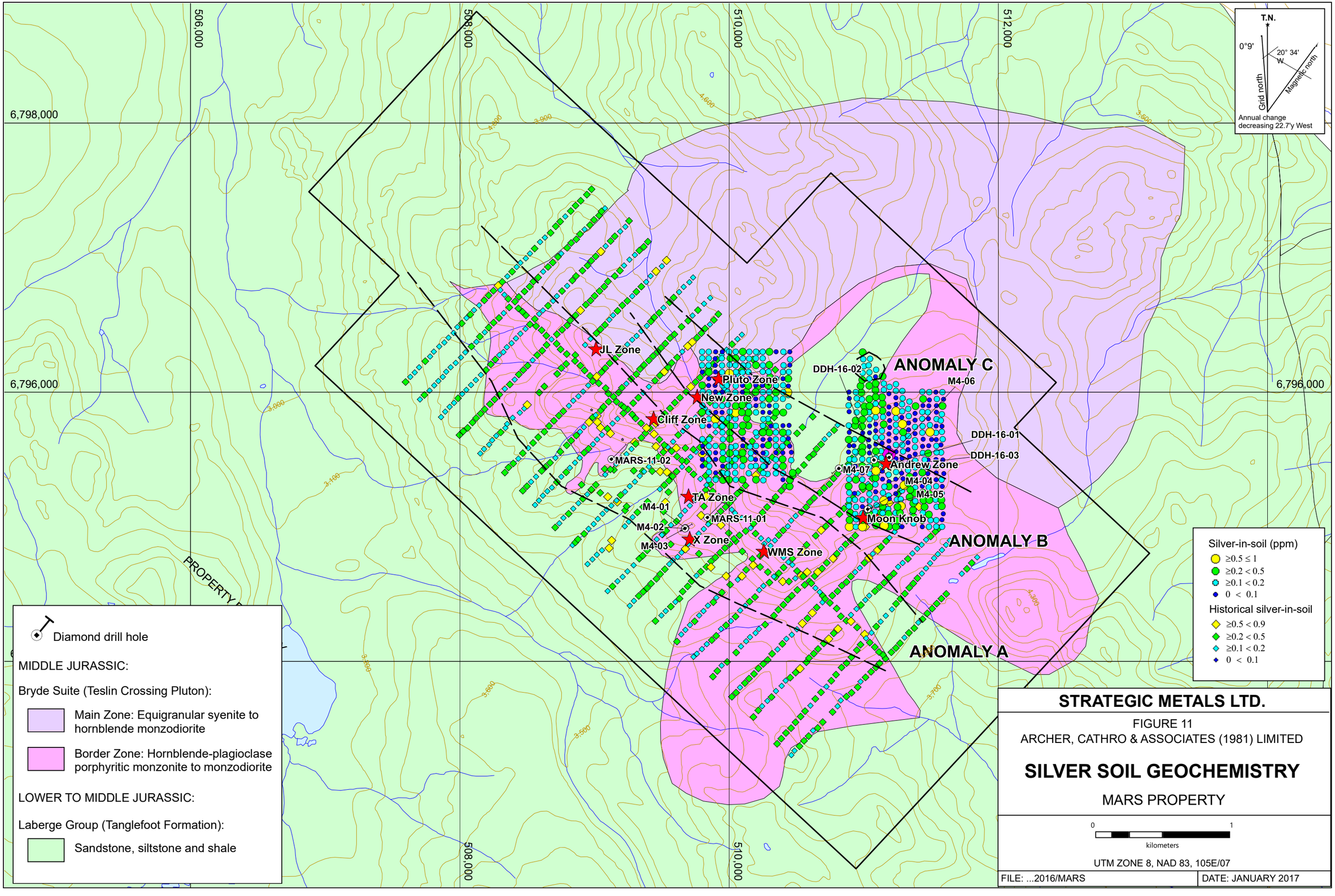
The **Andrew Zone** is situated 400 m northeast of the Moon Knob Zone. It straddles the contact between the border phase of the Teslin Crossing Pluton and Tanglefoot Formation sedimentary rocks. The zone represents a complex area of large screens and xenoliths of metasedimentary rocks within the pluton. Mineralization comprises magnetite veins up to 30 cm wide, areas of centimetre-scale magnetite veinlet/vein swarms hosting trace chalcopyrite and local malachite staining, and gold-rich pyroxene-chlorite skarn screens/xenoliths. The veins and screens/xenoliths generally trend east-southeastly and dip steeply to the south. A chip sample taken in 2016 across a 30 cm wide magnetite vein with moderate malachite staining on weathered surfaces graded 1.32% copper, 0.11 g/t gold, 5.09 g/t silver and 29 ppm molybdenum. Chip samples collected from a hand trench excavated in this zone are discussed in the Hand Trenching section below. The Andrew Zone is located below tree-line and most of the area is blanketed by glacial till.

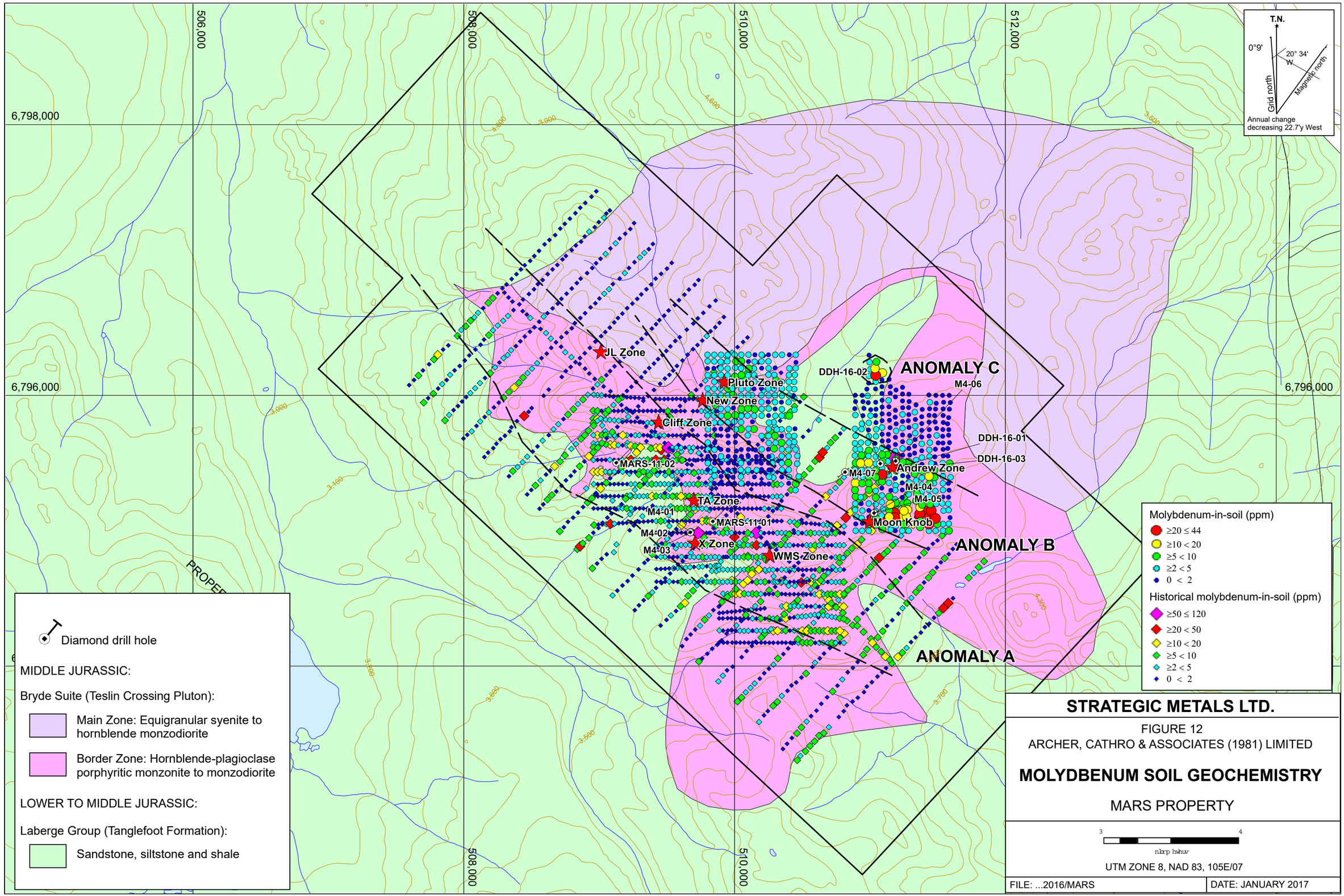
SOIL GEOCHEMISTRY

In 1988, the Geological Survey of Canada performed regional stream sediment sampling across the Laberge map sheet (Hornbrook, et al., 1989). All samples draining the property yielded relatively subdued results for copper (up to 38 ppm), gold (up to 5 ppb) and silver (up to 0.2 ppm), but a very strongly anomalous value for molybdenum (12 ppm – 99th percentile for the survey area) was obtained from a creek that drains from the Moon Knob Zone.


6,798,000
6,796,000
6,794,000
506,000
508,000
510,000
512,000
514,000
T.N.
0°9'
20° 34'
W.
Grid north
Magnetic north
Annual change
decreasing 22.7'y West
JL Zone
Pluto Zone
New Zone
Cliff Zone
MARS-11-02
TA Zone
M4-03
MARS-11-01
X Zone
M4-02
M4-01
WMS Zone
ANOMALY C
DDH-16-02
M4-06
DDH-16-01
DDH-16-03
Andrew Zone
M4-07
M4-05
M4-04
Moon Knob
ANOMALY B
ANOMALY A
PROPERTY BOUNDARY
Diamond drill hole
MIDDLE JURASSIC:
Bryde Suite (Teslin Crossing Pluton):
Main Zone: Equigranular syenite to hornblende monzodiorite
Border Zone: Hornblende-plagioclase porphyritic monzonite to monzodiorite
LOWER TO MIDDLE JURASSIC:
Laberge Group (Tanglefoot Formation):
Sandstone, siltstone and shale
Copper-in-soil
≥200 ≤ 465
≥100 < 200
≥50 < 100
0 < 50
Historical copper-in-soil
≥500 ≤ 1,360
≥200 ≤ 500
≥100 ≤ 200
≥50 ≤ 100
0 < 50
STRATEGIC METALS LTD.
FIGURE 9
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
COPPER SOIL GEOCHEMISTRY
MARS PROPERTY
0
1
kilometers
UTM ZONE 8, NAD 83, 105E/07
FILE: ...2016/MARS
DATE: JANUARY 2017


T.N.
0°9'
20° 34' W
Grid north
Magnetic north
Annual change decreasing 22.7'y West
506,000
508,000
510,000
512,000
6,798,000
6,796,000
JL Zone
Pluto Zone
New Zone
Cliff Zone
TA Zone
X Zone
WMS Zone
Moon Knob
MARS-11-02
MARS-11-01
M4-01
M4-02
M4-03
M4-04
M4-05
M4-06
M4-07
DDH-16-01
DDH-16-02
DDH-16-03
ANOMALY C
ANOMALY B
ANOMALY A
Gold-in-soil (ppb)
≥100 ≤ 359
≥50 < 100
≥20 < 50
≥10 < 20
≥5 < 10
0 < 5
Historical gold-in-soil (ppb)
≥100 ≤ 485
≥50 < 100
≥20 < 50
≥10 < 20
≥5 < 10
0 < 5
Diamond drill hole
MIDDLE JURASSIC:
Bryde Suite (Teslin Crossing Pluton):
Main Zone: Equigranular syenite to hornblende monzodiorite
Border Zone: Hornblende-plagioclase porphyritic monzonite to monzodiorite
LOWER TO MIDDLE JURASSIC:
Laberge Group (Tanglefoot Formation):
Sandstone, siltstone and shale
STRATEGIC METALS LTD.
FIGURE 10
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
GOLD SOIL GEOCHEMISTRY
MARS PROPERTY
0
1
kilometers
UTM ZONE 8, NAD 83, 105E/07
FILE: ...2016/MARS
DATE: JANUARY 2017


506,000
508,000
510,000
512,000
6,798,000
6,796,000
T.N.
0°9'
20° 34' W
Grid north
Magnetic north
Annual change decreasing 22.7'y West
JL Zone
Pluto Zone
New Zone
Cliff Zone
MARS-11-02
TA Zone
M4-01
M4-02
M4-03
MARS-11-01
X Zone
WMS Zone
DDH-16-02
M4-06
DDH-16-01
DDH-16-03
Andrew Zone
M4-07
M4-04
M4-05
Moon Knob
ANOMALY C
ANOMALY B
ANOMALY A
PROPERTY
Diamond drill hole
MIDDLE JURASSIC:
Bryde Suite (Teslin Crossing Pluton):
Main Zone: Equigranular syenite to hornblende monzodiorite
Border Zone: Hornblende-plagioclase porphyritic monzonite to monzodiorite
LOWER TO MIDDLE JURASSIC:
Laberge Group (Tanglefoot Formation):
Sandstone, siltstone and shale
Silver-in-soil (ppm)
≥0.5 ≤ 1
≥0.2 < 0.5
≥0.1 < 0.2
0 < 0.1
Historical silver-in-soil
≥0.5 < 0.9
≥0.2 < 0.5
≥0.1 < 0.2
0 < 0.1
STRATEGIC METALS LTD.
FIGURE 11
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
SILVER SOIL GEOCHEMISTRY
MARS PROPERTY
0
1
kilometers
UTM ZONE 8, NAD 83, 105E/07
FILE: ...2016/MARS
DATE: JANUARY 2017


506,000
508,000
510,000
512,000
6,798,000
6,796,000
T.N.
0°9'
20° 34' W
Grid north
Magnetic north
Annual change decreasing 22.7'y West
JL Zone
Pluto Zone
New Zone
Cliff Zone
MARS-11-02
TA Zone
M4-01
M4-02
M4-03
X Zone
MARS-11-01
WMS Zone
DDH-16-02
M4-06
DDH-16-01
DDH-16-03
Andrew Zone
M4-07
M4-04
M4-05
Moon Knob
ANOMALY C
ANOMALY B
ANOMALY A
Molybdenum-in-soil (ppm)
≥20 ≤ 44
≥10 < 20
≥5 < 10
≥2 < 5
0 < 2
Historical molybdenum-in-soil (ppm)
≥50 ≤ 120
≥20 < 50
≥10 < 20
≥5 < 10
≥2 < 5
0 < 2
Diamond drill hole
MIDDLE JURASSIC:
Bryde Suite (Teslin Crossing Pluton):
Main Zone: Equigranular syenite to hornblende monzodiorite
Border Zone: Hornblende-plagioclase porphyritic monzonite to monzodiorite
LOWER TO MIDDLE JURASSIC:
Laberge Group (Tanglefoot Formation):
Sandstone, siltstone and shale
STRATEGIC METALS LTD.
FIGURE 12
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
MOLYDBENUM SOIL GEOCHEMISTRY
MARS PROPERTY
UTM ZONE 8, NAD 83, 105E/07
FILE: ...2016/MARS
DATE: JANUARY 2017

Soil geochemical surveys conducted on the Mars property prior to 2016 included grid and contour soil sampling at varying sample spacings. Before 1996, soil samples were only analyzed for copper and molybdenum, but since then they have also been analyzed for gold and a number of other elements.

In 2016, a total of 565 grid soil samples were collected in the central part of the property, as shown on Figure 8. Results from all surveys are illustrated thematically on Figures 9 to12, for copper, gold, silver and molybdenum respectively.

The 2016 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 50 cm deep holes using hand-held augers. They were placed into individually pre-numbered Kraft paper bags. The soil samples were sent to ALS Minerals in Whitehorse where they were dried and screened to -180 microns. The fine fractions were then sent to ALS Minerals in North Vancouver where they were dissolved in aqua regia and analyzed for 51 elements mass spectrometry analysis (ME-MS41). An additional 30 g charge was further analyzed for gold by fire assay with inductively coupled plasma-atomic emission spectroscopy finish (Au-ICP21). Certificates of Analysis are provided in Appendix III. Anomalous thresholds and peak values for all soil samples are listed in Table VIII.

Table VIII – Geochemical Data for Soil Samples

Element	Weakly Anomalous	Moderately Anomalous	Strongly Anomalous	Very Strong	Historical Peak	2016 Peak
Copper (ppm)	≥ 50 < 100	≥ 100 < 200	≥ 200 < 500	≥ 500	1360	465
Gold (ppb)	≥ 10 < 20	≥ 20 < 50	≥ 50 < 100	≥ 100	485	359
Silver (ppm)	≥ 0.2 < 0.5	≥ 0.5 < 1	≥ 1 < 2	≥ 2	10.0	1.0
Molybdenum (ppm)	≥ 5 < 10	≥ 10 < 20	≥ 20 < 50	≥ 50	120	44

Sampling has outlined two broad northwesterly trending anomalies (Anomalies A and B) defined by copper-in-soil values ranging from 200 to 1360 ppm with sporadic gold, silver and molybdenum support. These two anomalous bands encompass all known showings on the property. A third anomaly (Anomaly C) hosts a cluster of three elevated molybdenum results. The anomalous areas overlie both the contact between hornfelsed sedimentary rocks and the border phase of the Teslin Crossing Pluton.

Ridge tops and scoured knolls, where residual soil predominates, exhibit the most extensive and strongest copper, gold, silver and molybdenum geochemical signatures on the property. Distributions of moderately to strongly anomalous values in low lying areas are typically spotty or loosely clustered, which is in part attributed to mixing of in situ soils with glacial or glaciofluvial material. Extensive permafrost beneath the mossy ground cover hampered the effectiveness of soil sampling in some low lying areas..

Anomaly A covers a 4000 by 700 m northwest-trending area along Windy Ridge. It straddles the southwestern contact between hornfelsed sedimentary rocks and the Teslin Crossing Pluton. Anomaly A encompasses the Cliff, X, TA, WMS and JL zones and comprises strongly to very strongly anomalous copper-in-soil values with scattered moderately to strongly anomalous gold and molybdenum results and weakly to moderately anomalous silver values.

Anomaly B is located 250 m northeast of Anomaly A and spans a 2000 by 500 m area that overlies the contact between a large sedimentary roof pendant and the Teslin Crossing Pluton. It covers the Andrew, Moon Knob, New and Pluto zones. Anomaly B is of a northwest-trending band of moderately to strongly anomalous copper values with sporadic weakly to strongly elevated gold and silver support. Moderately to strongly anomalous molybdenum values lie within the southeast half of the anomalous trend. The southeastern part of this anomaly corresponds with an area containing magnetite veins/veinlets and pyroxene-chlorite skarn.

Anomaly C is situated 500 m northeast of Anomaly B and covers a cluster of three moderately to strongly anomalous molybdenum values. It lies within the roof pendant of sedimentary rocks.

DIAMOND DRILLING

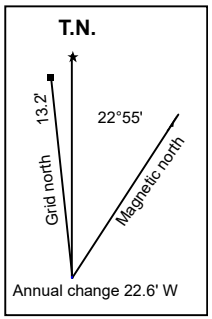
In 2004, Saturn Minerals completed seven diamond drill holes totalling 827 m at four drill sites (Lang and McClaren, 2004). The program tested parts of the X, Moon Knob and Andrew zones to a maximum depth of 141.83 m. Drill hole data are listed in Table IX.

Table IX – 2004 Diamond Drill Hole Data

Drill Hole	Easting	Northing	Elev (m)	Azimuth	Angle	Depth (m)
M4-01	509676	6794991	1375	060	-60	123.85
M4-02	509673	6794988	1375	240	-45	76.45
M4-03	509673	6794988	1375	240	-75	48.47
M4-04	511030	6795128	1425	180	-60	178.89
M4-05	511030	6795131	1425	000	-60	141.83
M4-06	511186	6795519	1372	000	-60	125.38
M4-07	510816	6795433	1316	235	-60	134.55

All copper values from 2004 drill core were less than 667 ppm and only 9 samples returned gold values greater than 100 ppb. The best gold result graded 6.44 g/t gold over 4.57 m in hole M4-06 (Lang and McClaren, 2004).

In August 2011, New Dimension Resources drilled two holes to test northwest-trending geochemical and geophysical anomalies on the southwest side of Windy Ridge. The program assumed the geophysical anomaly corresponds to a magnetite-bearing, silica-saturated alkali porphyry favorable for hosting gold and copper mineralization. Previous drilling did not test these anomalies. Key data relating to the 2011 drill holes are shown on Table X.



◈ 2004 and 2016 Drill collar

Middle Jurassic:

Bryde Suite (Teslin Crossing Pluton):

Main Zone: Equigranular syenite to hornblende monzodiorite

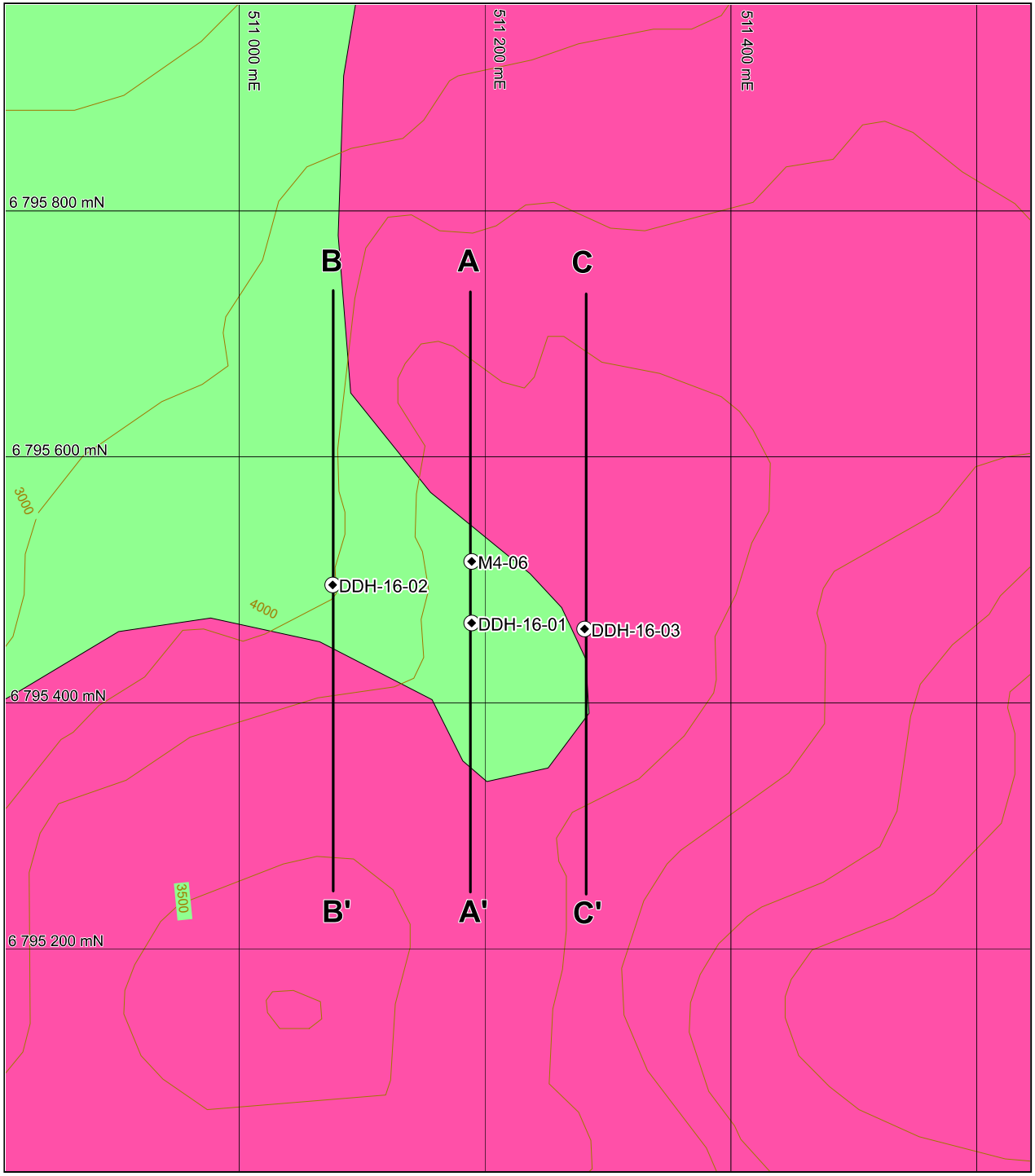
Border Zone: Hornblende-plagioclase porphyritic monzonite to monzodiorite

Lower to Middle Jurassic:

Laberge Group (Tanglefoot Formation):

Sandstone, siltstone and shale

**From Gordey and Makepeace, 2003 and Carne, 2008.*



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FIGURE 13

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

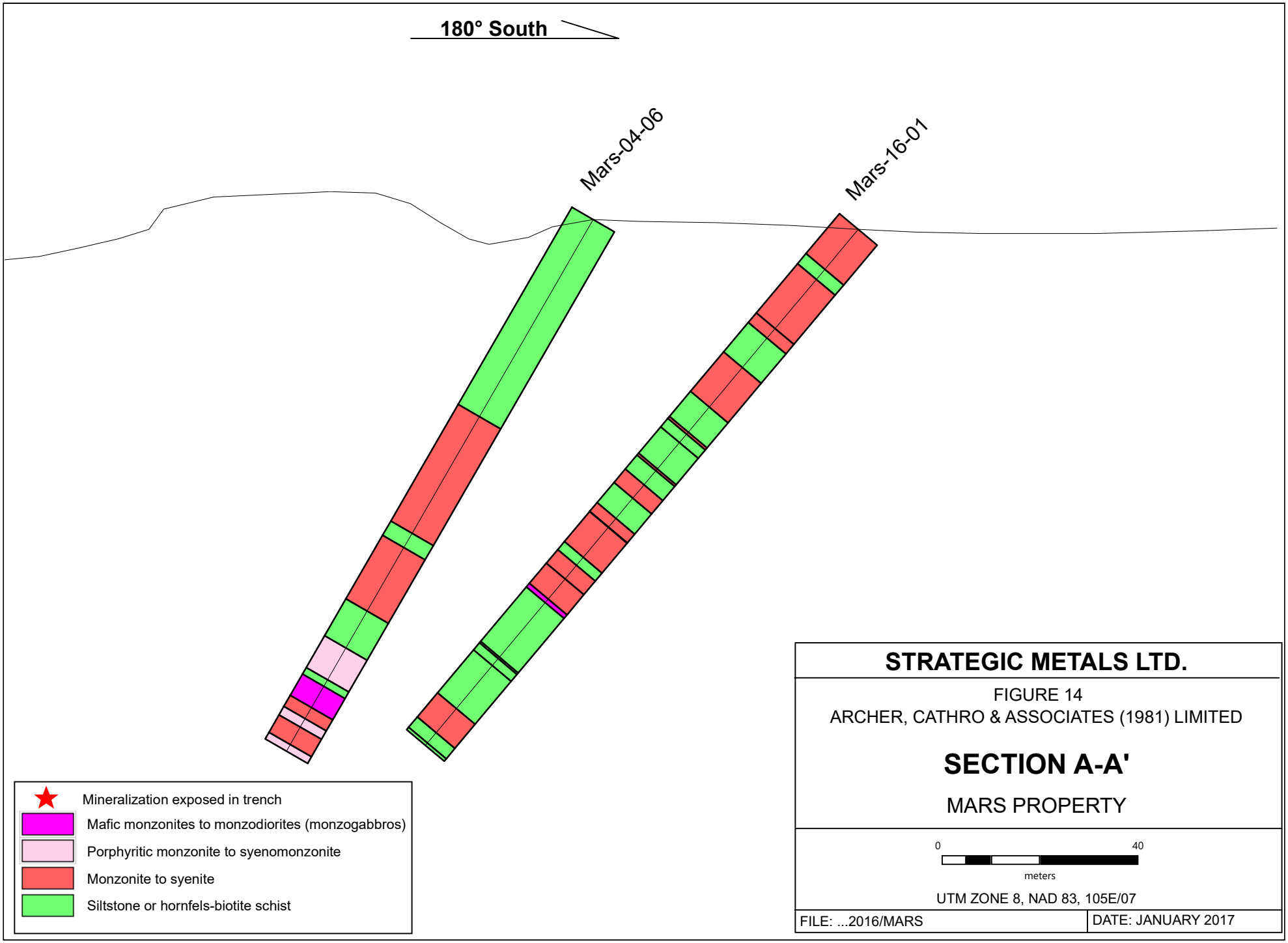
DRILL SECTION - PLAN VIEW

MARS PROPERTY

0 200 400 m

UTM ZONE 8, NAD 83, 105E/07 Contour Interval: 100 ft.

FILE: ...2016/MARS | DATE: JANUARY 2017



STRATEGIC METALS LTD.

FIGURE 14

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SECTION A-A'

MARS PROPERTY

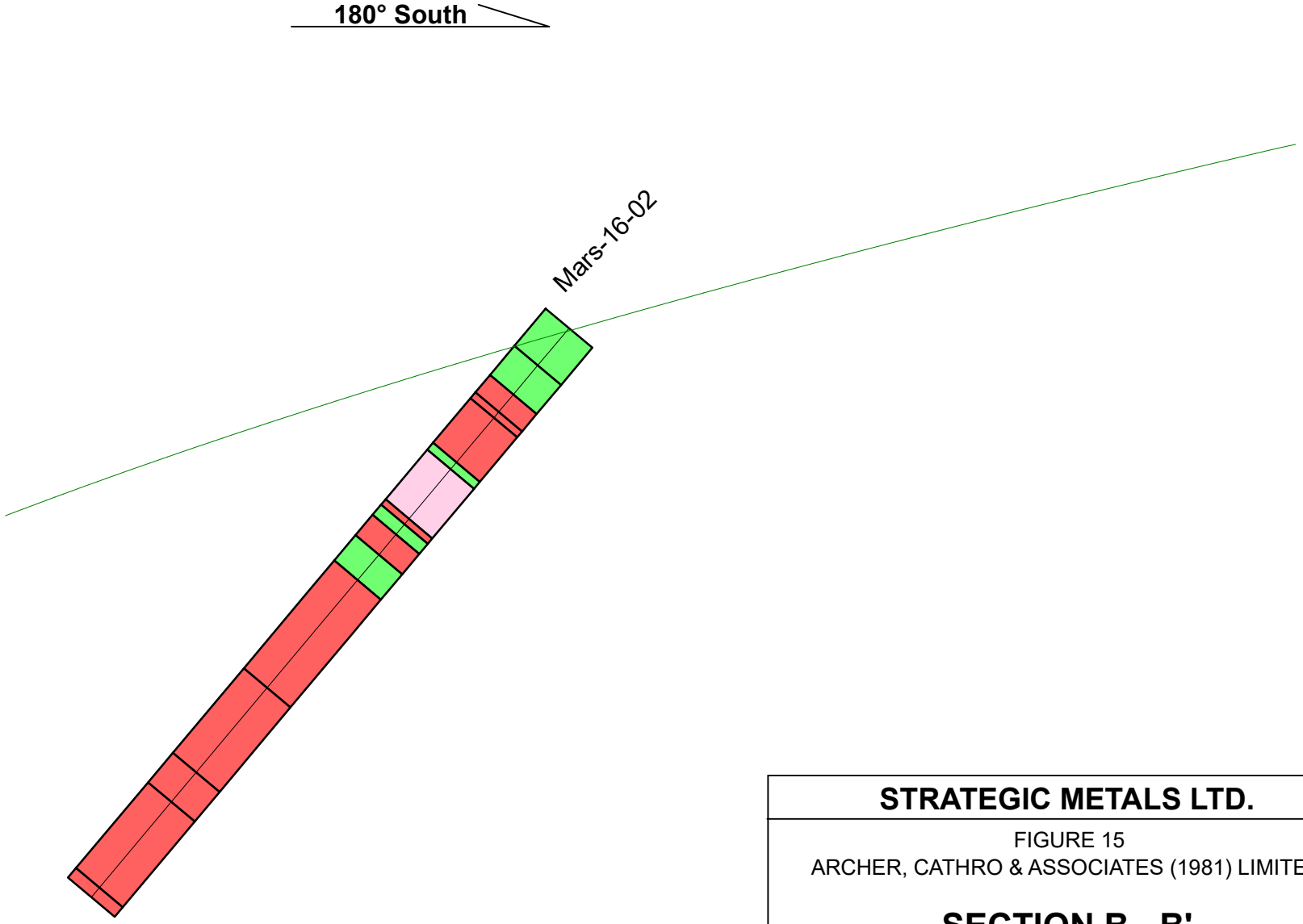
0 40

meters

UTM ZONE 8, NAD 83, 105E/07

FILE: ...2016/MARS

DATE: JANUARY 2017



Porphyritic monzonite to syenomonzonite
Monzonite to syenite
Siltstone or hornfels-biotite schist

STRATEGIC METALS LTD.

FIGURE 15
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

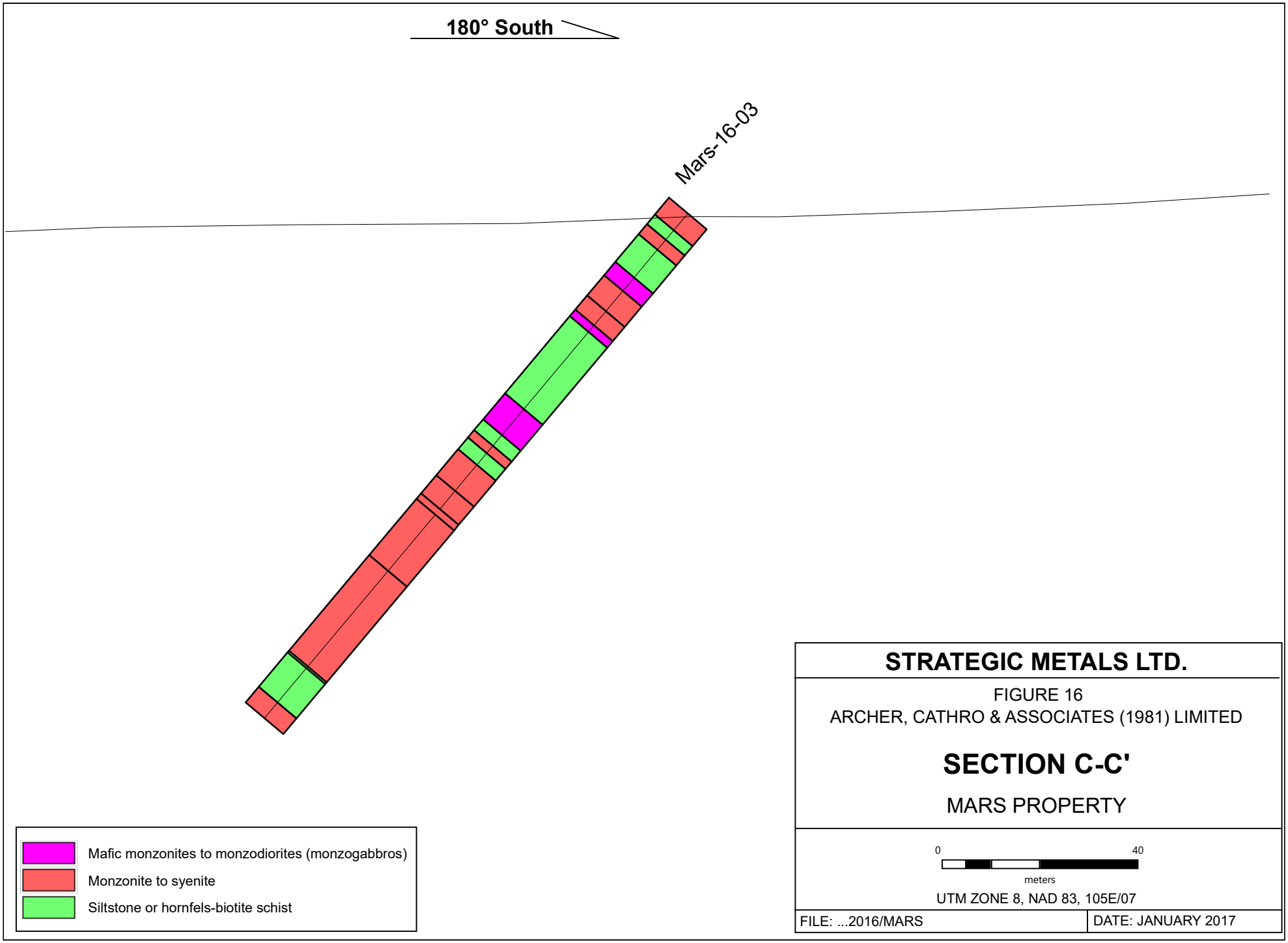
SECTION B - B'

MARS PROPERTY

0 40
meters

UTM ZONE 8, NAD 83, 105E/07

FILE: ...2016/MARS | DATE: JANUARY 2017



STRATEGIC METALS LTD.

FIGURE 16

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SECTION C-C'

MARS PROPERTY

0 40

meters

UTM ZONE 8, NAD 83, 105E/07

FILE: ...2016/MARS	DATE: JANUARY 2017

Table X – 2011 Diamond Drill Hole Data

Drill Hole	Easting	Northing	Elev (m)	Azimuth	Angle	Depth (m)
MARS-11-01	509839	6795069	1329	045	-45	306.32
MARS-11-02	509126	6795502	1362	045	-45	329.18

MARS-11-01 intersected intrusive rocks of the Teslin Crossing Pluton, hornfelsed sediments and mafic dykes. Significant alkaline porphyry-style mineralization was not intersected. Pyrite and chalcopyrite are present in trace amounts in narrow, healed fractures and calcite veinlets throughout all rock types. Pink potassic alteration is strongest in breccias and areas with high fracture densities. The best interval averaged 0.08 g/t gold, 0.0953% copper, 0.48 g/t silver and 7.75 ppm molybdenum over 1.00 m.

MARS-11-02 cut similar rocks but with significantly better results. Two intersections were particularly interesting: 23.07 m from 179.83 m to 202.90 m assayed 0.27 g/t gold, 0.16% copper, 1.22 g/t silver and 0.028% molybdenum; and 14.75 m from 224.23 to 238.98 m graded 0.17 g/t gold, 0.25% copper, 2.03 g/t silver and 0.028% molybdenum. MARS-11-02 was terminated prematurely when the water supply froze for the season. Although the intervals are relatively limited in size, these grades are close to or within economic ranges reported for Cu-Mo-Au porphyry deposits in British Columbia (Panteleyev, 1995a, Panteleyev, 1995b).

In 2016, a three hole, 393.19 m drill program was conducted at the Andrew Zone. The program was designed to test along strike and down dip of the 2004 interval that graded 6.44 g/t gold over 4.57 m.

Figures 13 illustrates historical and 2016 drill collar locations while Figures 14 to 16 are cross-sections showing lithologies and significant results from holes at the Andrew Zone. Certificates of Analysis are provided in Appendix III, while Geological and Geotechnical Logs are given in Appendix V. Data concerning the 2016 drill holes are listed in Table XI.

Table XI – 2016 Diamond Drill Hole Data

Drill Hole	Easting	Northing	Elev (m)	Azimuth	Angle	Depth (m)
MARS-16-01	511187	6795467	1365	000	-50	137.16
MARS-16-02	511076	6795496	1331	000	-50	121.92
MARS-16-03	511279	6795450	1375	000	-50	134.11

The 2016 holes were continuously sampled from top to bottom. Drill core samples were processed in 36 sample batches with each batch including two standard, two blank, one duplicate and one coarse reject duplicate sample. All core samples were sent to ALS Minerals in Whitehorse, where they were crushed to 70% passing 2 mm before a 250 g split was pulverized to 85% passing 70 microns. Splits of the pulverized fractions were then sent to ALS Minerals in North Vancouver, where they were dissolved in a four acid solution and analyzed for 48 elements using inductively coupled plasma-mass spectroscopy and inductively coupled plasma-atomic emission spectroscopy techniques (ME-MS61). An additional 30 g charge was further analyzed for gold by fire assay with inductively coupled plasma-atomic emission spectroscopy

finish (Au-ICP21). Over limit copper values were determined using aqua regia digestion with inductively coupled plasma and either atomic emission spectroscopy or atomic absorption spectroscopy (Cu-OG46).

All of the 2016 holes were drilled at azimuths of 000° and 50° angles, to test beneath steep, southerly dipping hornfelsed sediments and magnetite-rich veins. Two of the three holes cut significant mineralization along a 100 m strike length. The best 2004 and 2016 drill intersections at the Andrew Zone are listed in Table XII.

Table XII – 2004 and 2016 Diamond Drilling Assay Highlights

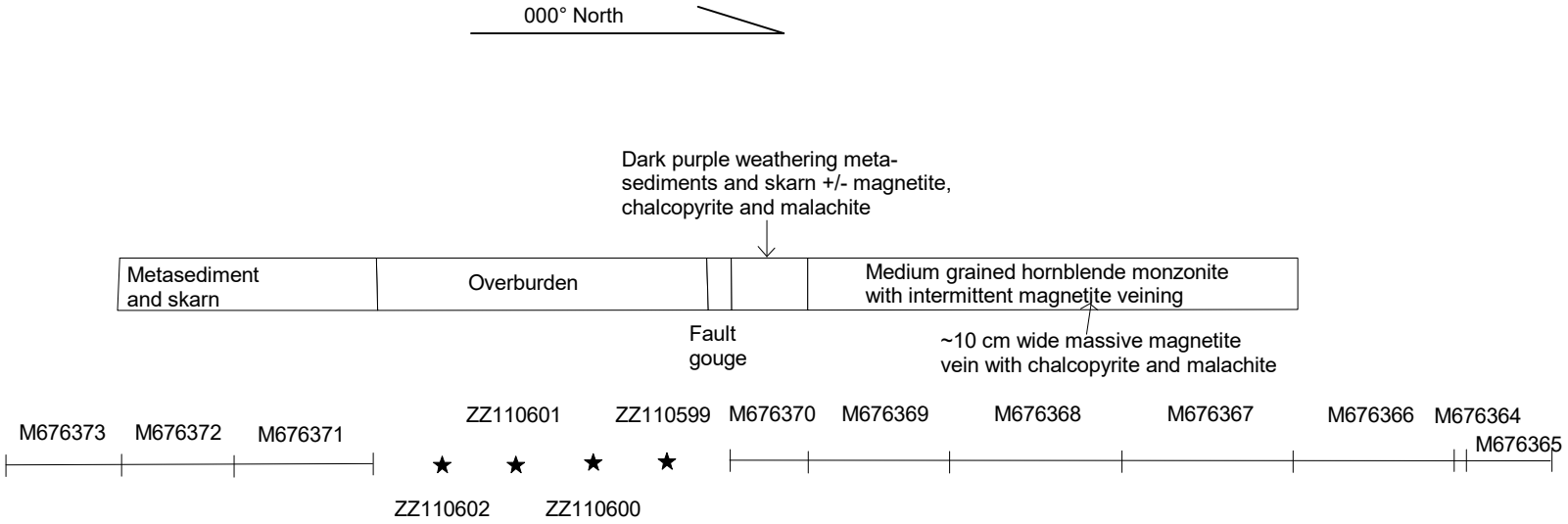
Hole	From (m)	To (m)	Interval(m)	Copper (%)	Gold (g/t)	Silver (g/t)	Molybdenum (ppm)
M4-06	18.29	22.86	4.57	0.01	**6.44**	0.3	43
MAR-16-001	0	17.37	17.37	0.03	**0.66**	0.23	8
Including	0	3.05	3.05	0.02	**2.24**	0.20	3
MAR-16-001	71.44	76.80	5.36	0.01	**0.40**	0.07	23
MAR-16-003	27.47	32.46	4.99	0.02	**0.87**	0.16	13
Including	31.46	32.46	1.00	0.02	**2.27**	0.17	14
MAR-16-003	44.53	47.28	2.75	0.02	**0.53**	0.13	17

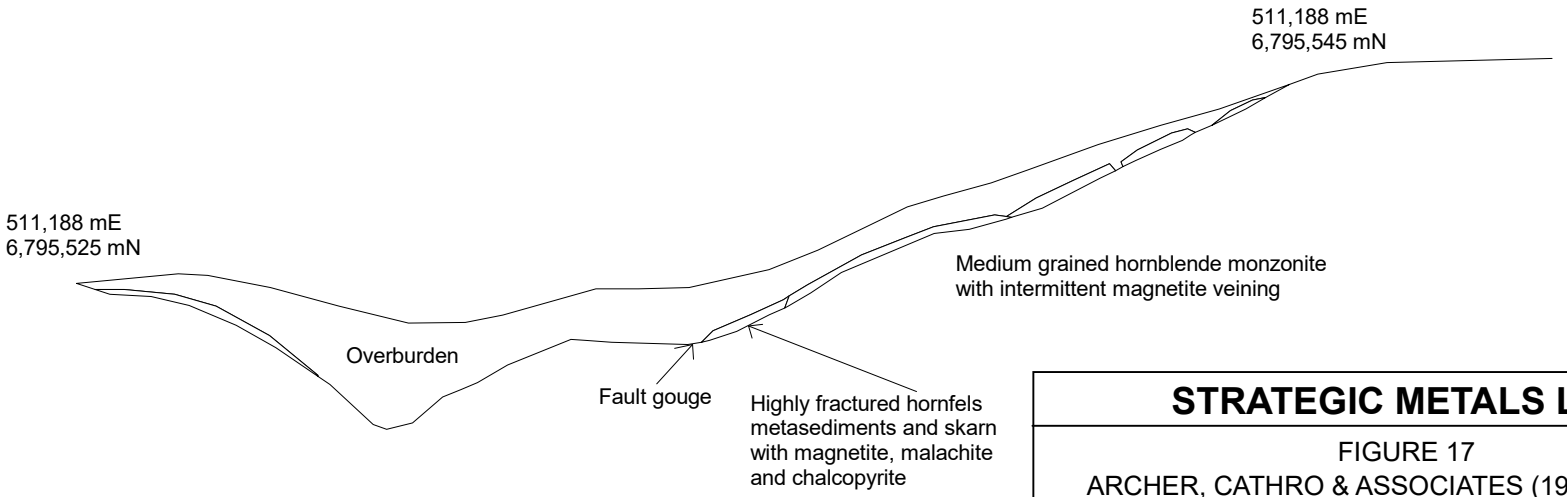
Diamond drilling tested beneath a contact between the Teslin Crossing Pluton and hornfelsed sediments containing steep, south-dipping magnetite veins/veinlets. Gold is hosted within skarnified sediments and variably k-spar altered and bleached porphyritic monzonite, both of which host trace chalcopyrite. Alteration of intrusive rocks varies significantly in the holes including weakly to strongly potassic, chloritic, albitic and bleaching (phyllic?). Magnetite is generally disseminated throughout.

Drilling completed in 2016 was unable to reproduce the high-grade gold intercepts from 2004 drilling; however, it did identify lower grade gold results over a larger interval. The best results were from the top of hole MAR-16-001, which graded 0.66 g/t gold over 17.37 m, including 3.05 m of 2.24 g/t gold. This zone is open to extension along strike, down dip and south of the drill collars.

HAND TRENCHING

In 2016, one hand trench was dug at the Andrew Zone (Figure 7). It was designed to test the grade and continuity of mineralization projected to surface from the intercept in hole M4-06. The hand trench exposed bedrock over a 26 m length, except for a six metre section in the centre of the trench, where the prominent linearwas filled with thick overburden. A total of 10 chip samples and four soil samples were collected from the trench. A cross-section illustrating geology and sample numbers is shown on Figure 17. The trench was sampled continuously across exposed bedrock, and soil samples were taken from holes augered into the floor of the trench where bedrock was not exposed. Results from this sampling are described in the following paragraphs. The samples were processed using the same preparation and analytical





Sample Number	Interval (m)	Cu (%)	Au (g/t)	Ag (g/t)	Mo (ppm)
M676364	0.20	0.09	0.05	0.8	5
M676365	1.50	-	0.01	0.1	1
M676366	1.80	0.03	0.01	0.5	2
M676367	3.00	0.01	0.005	0.1	4
M676368	3.00	0.03	0.01	0.3	22
M676369	2.40	0.01	0.01	0.5	14
M676370	1.00	**0.78**	0.05	**15.7**	**43**
M676371	2.00	0.02	**0.77**	0.1	27
M676372	2.00	0.02	**0.49**	0.2	25
M676373	2.00	0.01	0.05	0.1	18

STRATEGIC METALS LTD.

FIGURE 17

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TR-16-01

MARS PROPERTY

0 5

meters

UTM ZONE 8, NAD 83, 105E/07

FILE: ...2016/MARS | DATE: JANUARY 2017

techniques described in previous sections of this report. Certificates of Analysis are located in Appendix III and Table XIII provides details for the trench.

Table XIII – 2016 Hand Trenching Details

Target	Trench ID	Easting	Northing	Length (m)	Samples
LV Zone	TR-16-01	511188	6795525	26.0	M898208-M898212
		511188	6795545		

TR-16-01 was dug across an east-west trending linear within the Andrew Zone. This trench tested a complex contact zone between Tanglefoot Formation sedimentary rocks and the Teslin Crossing Pluton. The best results are listed in Table XIV below.

Table XIV – Significant Results From TR-16-01

Sample Number	Interval (m)	Cu (%)	Au (g/t)	Ag (g/t)	Mo (ppm)
M676370	1.00	**0.78**	0.05	**15.7**	**43**
M676371	2.00	0.02	**0.77**	0.1	27
M676372	2.00	0.02	**0.49**	0.2	25

Significant mineralization was uncovered on each side of the unexposed linear. Continuous chip samples across interbedded pyroxene-chlorite skarn and siltstone on the south side of the linear averaged 0.63 g/t gold over 4.00 m. Continuous chip samples of interbedded siltstone and magnetite-rich skarn? with moderate malachite staining on the north side of the linear graded 0.78% copper, 15.7 g/t silver and 43 ppm molybdenum over 1.00 m.. Four soil samples collected beneath the floor of the trench within the overburden-filled linear averaged 2025 ppm copper (up to 6540 ppm), 36 ppb gold (up to 68 ppb), 2.93 ppm silver (up to 10.95 ppm) and 69 ppm molybdenum (up to 211 ppm).

GEOPHYSICAL SURVEYS

In 1997, Placer Dome completed ground IP and airborne magnetic and radiometric surveys over the entire Teslin Crossing Pluton. In 2007, Strategic Metals Ltd. carried out a helicopter-borne VTEM survey over the DDH and Stars claims and in 2010 it conducted helicopter-borne magnetics and radiometric surveys over the same area.

The magnetic surveys showed that the border phase of the pluton has a strong magnetic signature (Figure 18). Interpretation of the survey over the entire pluton indicates the Teslin Crossing Pluton is bound by a large fault along its northeast and southeast margins, as reflected by a sudden decrease in magnetic response across the structure. A broad zone of elevated magnetic response along the south and west margins of the pluton suggests that the intrusive rocks continue beneath relatively shallow, southwest dipping sediments. A large, northwest-trending magnetic low was outlined in the centre of the property between soil geochemical Anomalies A

6,798,000

6,796,000

6,794,000

506,000

508,000

510,000

512,000

514,000

T.N.

0°9'

20° 34' W

Grid north

Magnetic north

Annual change decreasing 22.7'y West

JL Zone

Pluto Zone

New Zone

Cliff Zone

MARS-11-02

TA Zone

M4-03

MARS-11-01

M4-02

X Zone

M4-01

WMS Zone

DDH-16-02

M4-06

DDH-16-01

DDH-16-03

Andrew Zone

M4-07

M4-05

M4-04

Moon Knob

PROPERTY BOUNDARY

4,000

3,900

3,100

3,200

3,600

3,500

3,400

3,300

Copper-in-soil

- ≥200 ≤ 465
- ≥100 < 200
- ≥50 < 100
- 0 < 50

Historical copper-in-soil

- ≥500 ≤ 1,360
- ≥200 < 500
- ≥100 < 200
- ≥50 < 100
- 0 < 50

Diamon drill collar location

Magnetic low linear

Resistivity Low

Chargeability anomaly

Border Zone: Hornblende-plagioclase porphyritic monzonite to monzodiorite

TMI (nT)

57391.2 57507.9 57579.9 57615.6 57640.3 57676.4 57735.4 57831.6 57967.0 58169.2

STRATEGIC METALS LTD.

FIGURE 18

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TOTAL MAGNETIC INTENSITY, GEOPHYSICS COMPILATION AND COPPER GEOCHEMISTRY

MARS PROPERTY

0 1

kilometers

UTM ZONE 8, NAD 83, 105E/07

FILE: ...2016/MARS

DATE: JANUARY 2017

and B. Two smaller magnetic lows cut this structure obliquely in a northeastly direction (Figure 18).

Magnetic highs, geological mapping and surface mineralization correlate well with the soil geochemical anomalies, reinforcing the observation that silicification, albitization and magnetite enrichment are associated with copper mineralization in the border phase of the pluton.

Northwesterly trending chargeability and resistivity anomalies were identified by the IP survey completed in 1997. Chargeability highs reflect elevated contents of pyrite and pyrrhotite in hornfelsed sedimentary rocks along the northwest-trending, south-dipping contact of the pluton. A chargeability high surrounds the X Zone, while a second high lies 350 m northwest of the X Zone. A 2.3 km long, northwest-trending resistivity low encompasses both chargeability highs and straddles the southwestern sedimentary and intrusive contact. A second, 700 by 200 m resistivity low encompasses the New Zone. Both of the resistivity anomalies partially overlap with strong copper±gold±silver±molybdenum geochemical anomalies.

The airborne radiometric survey measured total counts, potassium, thorium and uranium. All four data sets show good correlation and outline the surface of the intrusion. Potassium/thorium ratios have a strong negative correlation with maximum magnetic response, supporting observations that silicification, albitization and magnetite enrichment associated with the copper mineralization overprint early stage pervasive potassic alteration. At lower elevations and in vegetated areas, radiometric results are inconclusive because they are masked by overburden.

In general, anomalous copper soil geochemical values correspond better to high magnetic response than do gold values. Gold values are generally more sporadic and clustered along northwestly trends, but occur outside of the broad copper-in-soil anomalies, suggesting potential for structurally controlled gold-rich quartz veins (epithermal or mesothermal?). Elevated gold geochemistry also lies along the flanks of magnetic highs within sedimentary rocks, which may represent replacement styles of mineralization adjacent to the Teslin Crossing Pluton.

TOTAL CYANIDE SOLUBILITY TESTING

Total cyanide solubility testwork was conducted on 17 coarse reject samples of mineralized drill core. These samples were sent to ALS Minerals in North Vancouver, where they were analyzed for gold using cyanide leach and atomic absorption spectroscopy (Au-AA13). Certificates of Analysis are provided in Appendix III.

Gold recoveries from all samples averaged 86.1%. Gold recoveries from igneous and hornfelsed sedimentary rocks averaged 85.7% and 86.4%, respectively, with corresponding peak values of 97.7% and 96.4%.

DISCUSSION AND CONCLUSIONS

The Mars property covers an extensive system of copper±gold±silver±molybdenum mineralization within the Teslin Crossing Pluton, which lies within the northern portion of Stikinia, a geological terrane known to host economic porphyry deposits. The pluton is a

pyroxenite-associated silica-saturated alkali syenite with an age that is identical to Mt. Milligan alkali porphyry deposit (Hart, 1997).

Geological mapping has identified two main intrusive phases and numerous younger dykes within the bounds of known mineralization and soil geochemical anomalies. Multi-phase or multi-pulse intrusive bodies create favourable formational environments for porphyry style mineralization and thus, future work should attempt to determine the distribution of the different phases and their cross-cutting relationships.

Diamond drilling conducted in 2016 at the Andrew Zone intersected a complex contact zone containing gold and/or copper rich screens/xenoliths of skarn and siltstone, and magnetite veins/veinlets. The zone has been traced over a 100 m strike length and up to 60 m down dip. Results from 2016 drilling were unable to reproduce higher grade results from 2004 drilling, but they did return significant low grade gold mineralization over sizable widths with encouraging cyanide leachability results.

Previous drilling in 2011 identified copper-gold porphyry style mineralization on the Mars property. Two mineralized intervals with grades similar to economic porphyry deposits in British Columbia were intersected in one of the holes. No drilling was done in 2016 within this area or along its favourable geochemical and geophysical trends.

Future work should continue to evaluate known areas of mineralization on the property and test undrilled areas where anomalous geochemical or geophysical results have been outlined. Besides drilling, future work should include additional soil sampling, continued geological mapping, prospecting and hand trenching. Historical IP and magnetic data should be re-evaluated.

Soil sampling should be carried out in late August due to extensive permafrost and should cover the unsampled areas along strike of the known northwest-trending geochemical anomalies and in the northeast part of the property. Geological mapping, prospecting and hand trenching should be done wherever soil geochemical and geophysical anomalies have been identified. Historical IP and magnetic data should be re-processed and re-evaluated in light of 2011 and 2016 drill results.

Future diamond drilling should test a number of targets on the property. MARS-11-02 should be deepened if possible and new holes should be collared along strike to test the favourable geochemical and geophysical trend (Anomaly A). Each of the known mineralized zones should be tested at depth to evaluate porphyry potential. Two or more fences of holes should be drilled at the Andrew Zone to get a better understanding of the controls and extent of mineralization in the area.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED



A. Mitchell, B.Sc. GIT

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APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Andrew Mitchell, geoscientist in training, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Kelowna, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 2010 with a B.Sc. in Earth and Environmental Sciences.

2. From 2010 to present, I have been actively engaged in mineral exploration in Yukon Territory.

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

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



A. Mitchell, B.Sc. GIT

APPENDIX II

STATEMENT OF EXPENDITURES

Statement of Expenditures
Stars 1-34, Star 35-77 and DDH 1-16 Mineral Claims
March 30, 2017

Contract Diamond Drilling (including management)

Beaudoin Diamond Drilling	$45,472.92

Drilled three holes for 393.19 m = $115.65/m

DDH 13 – Mars 16-01 and -02 – 259.08 m	$29,962.93
DDH-14 – Mars 16-03 – 134.11 m	$15,509.99

APPENDIX III

CERTIFICATES OF ANALYSIS

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

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

Finalized Date: 6-OCT-2016
Account: MTT

CERTIFICATE WH16149288

Project: Mars

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-SEP-2016.

The following have access to data associated with this certificate:

HEATHER BURRELL	JOAN MARIACHER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
LOG-23	Pulp Login - Rcvd with Barcode
PUL-31	Pulverize split to 85% <75 um

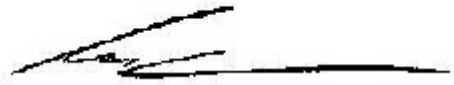
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	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.

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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

Finalized Date: 6-OCT-2016
Account: MTT

Project: Mars

CERTIFICATE OF ANALYSIS WH16149288

Sample Description	Method	WEI-21	Cu-OG62	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Cu	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
S052065		6.20		0.20	8.71	2.0	5650	2.91	19.40	2.58	0.08	51.5	9.6	11	1.09	164.0
S052066		4.38		0.06	8.71	0.8	4160	3.23	0.41	3.63	0.08	45.9	4.7	11	1.53	47.0
S052067		5.12		0.14	7.97	1.8	2860	2.82	4.03	4.45	0.09	48.2	9.3	24	1.75	139.0
S052068		3.16		0.37	7.02	4.7	940	2.25	9.63	7.47	0.05	61.6	23.4	30	4.14	298
S052069		8.04		0.20	8.38	2.9	1070	3.21	1.20	7.82	0.13	103.5	35.9	25	6.36	334
S052070		3.90		0.02	0.09	<0.2	70	0.08	0.07	21.5	0.05	1.57	0.7	1	0.13	3.4
S052071		4.32		0.69	6.85	4.9	420	1.83	11.25	4.61	0.07	32.0	54.2	64	1.61	961
S052072		2.68		0.16	7.37	6.1	2910	2.44	2.86	4.43	0.12	61.3	10.9	68	3.49	209
S052073		9.12		0.21	9.14	20.4	1100	5.40	5.53	5.57	0.10	209	32.1	6	4.18	406
S052074		4.00		0.12	8.55	13.4	1100	4.04	4.26	7.09	0.05	150.0	23.2	14	8.30	268
S052075		<0.02		0.13	8.81	12.7	1130	4.51	4.30	7.35	0.06	175.5	28.3	14	8.33	300
S052076		4.08		0.09	8.39	15.9	2160	3.31	1.57	7.02	0.09	86.5	27.1	19	6.80	331
S052077		6.82		0.07	9.21	11.7	4200	2.95	0.63	2.90	0.06	54.1	6.8	7	1.54	97.4
S052078		6.90		0.07	9.16	12.1	3410	3.01	0.22	2.74	0.07	56.0	6.2	4	1.06	86.6
S052079		3.96		0.07	8.75	6.4	4030	2.95	0.20	2.30	0.06	55.6	6.3	4	1.22	93.0
S052080		4.90		0.08	8.75	1.6	3370	3.19	0.22	2.96	0.05	50.8	5.6	4	0.54	67.7
S052081		7.26		0.07	7.83	4.4	4230	2.76	3.81	4.24	0.06	44.5	8.4	35	0.64	89.2
S052082		4.20		0.01	0.06	<0.2	30	0.07	0.03	22.0	0.05	1.09	0.7	1	0.10	7.3
S052083		6.04		0.06	7.44	2.4	1810	1.72	1.03	4.96	0.04	29.5	12.4	84	1.40	97.5
S052084		5.42		0.05	7.66	5.5	2120	1.62	0.71	5.74	0.05	32.0	10.7	99	0.82	69.2
S052085		0.32		33.7	7.36	144.5	100	0.60	11.75	6.06	33.0	29.8	96.7	113	1.71	7040
S052086		4.38		0.07	7.48	3.1	1780	1.72	0.73	5.38	0.05	30.0	14.7	87	0.83	109.0
S052087		3.76		0.06	7.64	6.1	2160	1.77	0.71	5.61	0.05	31.3	12.5	82	0.66	90.6
S052088		8.74		0.10	8.41	1.7	3100	3.47	0.19	4.10	0.08	60.8	8.8	11	1.04	104.0
S052089		5.42		0.14	8.59	1.9	3140	3.35	0.16	2.70	0.05	48.2	5.5	6	0.83	119.0
S052090		8.96		0.06	8.63	1.1	3360	3.05	0.11	3.07	0.05	47.9	4.8	6	0.65	47.3
S052091		9.80		0.06	8.81	7.3	3500	2.94	0.17	3.45	0.04	47.0	5.0	4	0.71	51.0
S052092		3.68		0.06	9.01	5.5	3510	2.92	0.14	3.22	0.05	49.5	5.3	6	0.69	50.9
S052093		4.62		0.08	7.54	65.8	2520	1.90	0.71	5.02	0.05	32.4	14.6	73	1.60	103.5
S052094		4.36		0.12	7.54	46.7	2350	1.64	0.60	3.21	0.11	33.0	16.0	80	2.16	112.0
S052095		4.24		0.11	7.15	16.5	1730	1.63	0.36	4.28	0.22	34.1	12.0	105	2.24	94.0
S052096		0.38	3.44	13.05	6.34	53.5	160	0.70	2.07	4.22	4.49	19.85	40.2	41	2.04	>10000
S052097		4.14		0.70	7.72	133.5	1760	1.72	0.44	2.59	0.11	31.3	11.1	86	2.20	162.0
S052098		4.46		0.23	7.72	5.4	1460	3.12	1.56	5.59	0.15	66.4	16.9	53	4.05	151.0
S052099		4.12		0.10	7.57	13.3	1480	1.70	0.56	2.32	0.03	31.5	12.6	69	2.10	117.0
S052100		5.92		0.08	7.17	49.1	1690	1.75	0.35	3.78	0.06	32.3	15.9	71	1.09	148.0

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

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

Finalized Date: 6-OCT-2016
Account: MTT

Project: Mars

CERTIFICATE OF ANALYSIS WH16149288

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
S052065		2.49	20.3	0.09	2.8	0.064	3.15	26.3	15.1	0.58	409	2.81	4.28	11.2	10.7	850
S052066		1.97	20.5	0.10	3.1	0.046	2.35	22.1	22.0	0.68	453	1.11	4.42	11.4	7.2	970
S052067		3.17	18.65	0.09	2.8	0.061	2.21	24.2	26.8	1.07	540	4.46	3.99	9.6	25.8	1370
S052068		8.62	16.25	0.12	2.7	0.103	0.82	33.3	46.5	2.34	914	24.5	2.50	7.3	57.6	2220
S052069		7.07	20.4	0.16	3.9	0.093	1.12	49.5	77.9	3.05	775	5.17	2.46	10.6	66.7	3690
S052070		0.51	0.23	<0.05	<0.1	0.006	0.03	0.8	1.8	13.40	207	0.19	0.02	0.2	1.8	200
S052071		9.07	17.00	0.10	1.5	0.093	3.04	19.5	47.5	1.81	757	31.6	2.67	4.5	87.2	1550
S052072		4.03	18.30	0.12	2.5	0.055	2.98	31.3	22.7	1.22	521	10.10	3.34	10.4	44.8	890
S052073		5.14	22.0	0.25	5.3	0.041	0.51	96.4	22.1	0.72	364	5.25	4.27	25.2	15.2	1130
S052074		4.57	20.2	0.18	4.4	0.061	0.61	72.8	29.1	1.58	508	5.07	3.39	16.6	17.4	2200
S052075		4.87	21.1	0.21	4.6	0.066	0.64	83.9	32.1	1.67	546	5.91	3.43	19.1	19.9	2410
S052076		5.04	20.3	0.12	3.6	0.084	0.98	41.9	29.2	2.23	759	3.50	3.10	11.5	20.2	2790
S052077		2.11	20.9	0.11	3.3	0.035	2.69	26.6	16.1	0.59	314	2.95	4.62	13.3	4.8	970
S052078		2.23	20.5	0.13	3.5	0.034	2.43	27.1	15.9	0.53	336	2.82	4.65	13.3	2.7	960
S052079		2.12	19.95	0.13	3.3	0.034	2.53	26.9	14.7	0.56	402	3.40	4.27	13.3	4.9	930
S052080		2.20	19.60	0.12	3.2	0.033	2.73	24.5	18.3	0.54	443	8.42	4.76	12.7	3.1	870
S052081		3.31	18.35	0.12	2.8	0.054	3.04	22.4	16.0	0.83	793	9.65	3.70	10.9	31.6	1080
S052082		0.49	0.17	0.06	<0.1	<0.005	0.02	0.5	0.9	13.55	214	0.25	0.01	0.1	1.6	190
S052083		3.68	18.15	0.11	1.9	0.048	2.16	17.3	12.6	1.23	661	14.70	3.33	7.1	65.6	1140
S052084		4.18	17.65	0.11	1.7	0.070	2.19	20.5	11.8	1.37	909	12.85	3.41	6.7	59.5	1270
S052085		9.82	11.40	0.10	0.7	2.63	1.03	16.8	7.9	2.27	912	61.5	0.86	2.9	386	720
S052086		3.94	16.95	0.10	1.7	0.058	1.78	17.8	11.2	1.22	769	10.05	3.28	7.0	55.4	1050
S052087		3.92	18.10	0.10	1.5	0.072	1.87	18.8	12.2	1.35	952	8.04	3.52	7.0	55.2	1090
S052088		2.94	20.3	0.11	3.8	0.061	2.26	29.4	23.6	1.02	604	3.59	4.28	12.8	8.2	1410
S052089		2.19	19.85	0.11	3.0	0.043	2.66	23.4	16.8	0.59	435	7.53	4.54	13.1	3.6	950
S052090		2.04	19.50	0.13	2.9	0.034	2.29	23.1	14.1	0.55	419	8.78	4.46	12.3	3.0	880
S052091		2.12	20.1	0.11	3.1	0.036	2.37	22.6	13.5	0.54	441	15.00	4.49	12.6	2.8	880
S052092		2.14	20.3	0.11	3.2	0.039	2.39	24.0	12.9	0.54	426	15.10	4.61	12.6	3.3	890
S052093		3.81	16.75	0.11	1.6	0.068	2.10	19.8	12.3	1.18	798	12.30	2.90	7.5	54.7	990
S052094		4.12	16.60	0.10	1.6	0.081	2.32	20.4	14.9	0.91	647	10.60	3.05	6.9	50.3	1030
S052095		3.11	15.70	0.11	1.7	0.048	1.86	22.5	9.7	1.37	439	43.5	2.84	6.8	71.3	1410
S052096		8.24	12.90	0.09	1.1	0.429	1.46	8.9	13.9	1.47	748	421	1.72	4.7	50.1	1080
S052097		3.84	17.30	0.09	1.5	0.033	2.03	18.0	16.9	1.18	264	10.95	2.97	7.2	38.6	940
S052098		4.48	17.95	0.12	2.5	0.097	2.30	36.0	34.4	1.89	694	27.8	3.21	10.2	37.4	2050
S052099		3.24	16.90	0.09	1.6	0.021	2.21	18.3	30.9	1.33	238	23.9	3.51	7.1	43.6	840
S052100		3.91	17.00	0.09	1.7	0.056	2.41	18.2	13.6	1.18	455	19.70	3.52	7.4	60.9	1110

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

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

Finalized Date: 6-OCT-2016
Account: MTT

Project: Mars

CERTIFICATE OF ANALYSIS WH16149288

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S052065		8.5	79.2	<0.002	0.13	0.23	3.5	2	1.2	1035	0.54	9.20	6.16	0.197	0.35	3.2
S052066		8.4	49.2	<0.002	0.07	0.20	3.1	1	1.0	1345	0.56	0.13	5.90	0.214	0.23	3.3
S052067		8.1	44.0	<0.002	0.05	0.21	7.3	1	1.2	1140	0.47	1.15	5.65	0.283	0.27	3.9
S052068		5.4	38.9	0.008	1.01	0.26	13.6	9	1.3	1025	0.41	2.91	7.19	0.372	0.38	5.3
S052069		9.6	59.7	0.006	0.74	0.18	20.6	4	1.8	1280	0.47	0.37	9.64	0.555	0.49	4.7
S052070		1.4	1.1	<0.002	0.01	<0.05	0.2	<1	<0.2	52.6	<0.05	<0.05	0.16	0.005	<0.02	0.7
S052071		14.3	96.0	0.019	2.29	0.36	14.6	10	1.1	603	0.25	1.51	3.03	0.314	0.65	9.2
S052072		4.0	57.6	0.028	0.50	0.41	11.3	4	0.9	1085	0.49	0.86	7.02	0.373	0.43	4.5
S052073		5.5	9.0	0.007	1.93	0.25	3.9	7	1.1	2340	0.92	1.63	24.2	0.322	0.11	9.9
S052074		4.8	12.9	0.004	0.97	0.23	9.3	4	1.3	2020	0.70	1.25	14.15	0.408	0.14	6.0
S052075		4.9	12.2	0.003	1.05	0.31	11.0	5	1.3	2100	0.72	1.16	16.60	0.432	0.14	7.1
S052076		4.4	25.3	<0.002	0.34	0.41	16.8	3	1.5	1660	0.53	0.37	7.59	0.475	0.20	5.0
S052077		6.9	71.7	<0.002	0.13	0.40	3.8	2	1.0	1420	0.58	0.12	6.34	0.235	0.31	3.3
S052078		7.0	65.0	0.003	0.17	0.33	3.6	2	1.0	1345	0.58	<0.05	6.52	0.241	0.26	3.3
S052079		7.1	67.6	<0.002	0.07	0.31	3.5	1	1.0	1315	0.56	<0.05	6.35	0.236	0.27	3.1
S052080		7.7	72.1	0.004	0.23	0.20	3.2	1	1.1	1140	0.53	<0.05	5.70	0.229	0.25	3.5
S052081		5.7	71.5	0.010	0.27	0.39	7.3	3	1.0	1095	0.49	0.58	5.00	0.270	0.33	4.0
S052082		1.1	0.9	<0.002	<0.01	0.09	0.2	1	<0.2	52.3	<0.05	<0.05	0.09	<0.005	<0.02	0.5
S052083		2.7	70.2	0.029	0.81	0.42	15.9	6	1.0	804	0.39	0.18	4.36	0.343	0.47	3.6
S052084		2.7	73.6	0.029	0.71	0.47	17.7	5	1.0	827	0.40	0.12	4.49	0.372	0.40	3.5
S052085		8910	37.7	0.017	6.54	33.4	13.5	14	6.5	161.5	0.20	0.77	3.34	0.210	2.28	6.2
S052086		6.8	63.7	0.019	0.91	0.50	17.3	6	1.0	891	0.39	0.13	4.17	0.368	0.33	2.9
S052087		3.2	60.5	0.017	0.38	0.49	18.3	4	1.0	970	0.39	0.15	3.98	0.373	0.27	2.8
S052088		7.2	50.0	0.002	0.15	0.26	6.7	1	1.5	1250	0.55	0.06	6.28	0.316	0.26	3.3
S052089		8.1	66.8	0.003	0.13	0.20	3.6	1	1.5	1010	0.51	0.06	5.42	0.224	0.23	3.0
S052090		7.9	55.3	0.005	0.18	0.20	3.2	1	1.0	1185	0.52	<0.05	5.44	0.213	0.22	3.0
S052091		7.4	51.8	0.004	0.26	0.25	3.0	2	1.0	1285	0.54	<0.05	4.99	0.226	0.25	3.1
S052092		7.3	52.1	0.002	0.27	0.23	3.1	2	1.0	1315	0.54	<0.05	5.31	0.225	0.23	3.1
S052093		2.5	74.7	0.014	0.90	0.83	15.2	4	1.4	940	0.39	0.20	3.93	0.381	0.43	3.2
S052094		3.1	80.1	0.005	0.08	0.72	16.1	4	1.0	824	0.37	0.23	3.87	0.373	0.39	3.4
S052095		2.3	75.3	0.055	0.53	0.55	15.5	7	0.7	780	0.43	0.19	5.17	0.332	0.58	3.5
S052096		78.4	49.7	2.77	5.58	56.1	14.8	20	1.6	294	0.29	1.85	1.58	0.349	0.54	1.3
S052097		1.7	84.6	0.015	0.28	0.92	16.6	6	0.6	709	0.42	0.29	4.53	0.384	0.66	3.4
S052098		5.4	99.6	0.017	1.02	0.29	18.5	5	1.3	709	0.41	0.37	6.75	0.420	0.60	4.9
S052099		2.2	89.8	0.025	1.32	0.24	16.6	5	0.6	583	0.40	0.19	4.82	0.359	0.65	3.5
S052100		2.2	75.4	0.025	1.32	0.37	15.1	6	1.0	732	0.42	0.20	4.27	0.366	0.45	3.5

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

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

Finalized Date: 6-OCT-2016
Account: MTT

Project: Mars

CERTIFICATE OF ANALYSIS WH16149288

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Au-ICP21
	Analyte	V	W	Y	Zn	Zr	Au
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	0.001
S052065		81	5.6	11.2	26	95.2	2.24
S052066		59	1.3	9.9	25	106.5	0.037
S052067		190	3.1	14.4	30	102.0	0.348
S052068		248	35.2	22.0	38	103.0	0.641
S052069		265	4.4	26.0	58	148.0	0.048
S052070		3	0.2	0.9	15	0.8	0.002
S052071		413	13.2	19.0	41	54.1	0.485
S052072		288	2.3	19.5	27	111.5	0.249
S052073		183	4.8	32.8	20	291	0.479
S052074		190	3.4	25.3	27	216	0.481
S052075		203	3.7	29.6	36	238	0.462
S052076		195	8.0	23.5	45	143.5	0.114
S052077		64	1.1	14.0	22	126.0	0.045
S052078		76	0.7	15.7	23	143.5	0.006
S052079		89	1.1	15.1	23	135.0	0.006
S052080		100	0.9	14.1	27	126.5	0.009
S052081		299	6.3	18.3	32	115.0	0.387
S052082		3	0.1	0.8	16	<0.5	0.002
S052083		336	1.1	23.6	34	64.0	0.052
S052084		324	44.1	26.2	38	59.3	0.047
S052085		405	5.7	14.1	8290	27.0	1.640
S052086		272	0.9	22.8	42	53.0	0.028
S052087		283	1.0	25.3	39	51.4	0.070
S052088		130	1.1	17.2	37	164.0	0.011
S052089		98	1.1	13.9	30	118.0	0.007
S052090		74	0.7	13.6	30	115.0	0.003
S052091		72	0.6	13.4	31	126.0	0.004
S052092		72	0.6	13.5	30	125.0	0.003
S052093		282	1.5	21.7	44	54.9	0.011
S052094		299	1.9	24.3	62	58.2	0.011
S052095		296	1.4	26.8	108	60.2	0.009
S052096		154	5.9	17.5	160	37.9	7.92
S052097		229	2.4	23.8	56	51.2	0.007
S052098		297	2.9	23.9	69	96.9	0.015
S052099		207	2.2	21.5	26	52.3	0.004
S052100		272	1.1	22.1	46	59.4	0.030

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

Project: Mars

Finalized Date: 6-OCT-2016
Account: MTT

CERTIFICATE OF ANALYSIS WH16149288

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	CRU-31	Cu-OG62	LOG-21
LOG-23	ME-MS61	ME-OG62	PUL-31
SPL-21	WEI-21		

ALS Canada Ltd.

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

Finalized Date: 7-OCT-2016
Account: MTT

CERTIFICATE WH16150705

Project: MARS

P.O. No.: BATCH4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2016.

The following have access to data associated with this certificate:

HEATHER BURRELL	JOAN MARIACHER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-31	Pulverize split to 85% <75 um

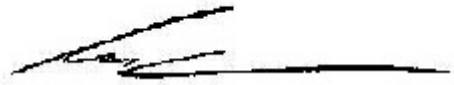
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	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.

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 7-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16150705

Sample Description	Method	WEI-21	Cu-OG62	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Cu	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
S052101		8.28		0.05	6.94	4.6	1650	1.62	0.21	4.80	0.06	30.9	11.3	74	0.80	106.0
S052102		4.64		0.05	7.37	4.6	1590	1.57	0.32	3.62	0.04	33.0	11.3	78	3.01	117.5
S052103		6.28		0.07	7.97	4.2	1540	2.89	0.34	4.09	0.06	90.3	12.2	49	1.10	147.0
S052104		4.32		0.06	7.89	1.5	2590	1.46	0.17	2.93	0.05	27.9	7.1	39	0.86	82.6
S052105		7.60		0.06	7.22	2.5	3010	2.30	0.64	4.06	0.06	34.0	8.5	39	0.64	88.8
S052106		8.50		0.05	8.53	1.1	3870	3.60	0.30	3.05	0.04	50.0	6.2	21	0.74	62.2
S052107		5.32		0.06	6.80	4.3	1640	1.87	1.82	4.83	0.07	29.3	11.6	86	0.58	83.6
S052108		4.80		0.06	6.49	4.0	1140	2.09	1.82	7.50	0.07	24.9	11.1	76	0.38	48.4
S052109		6.52		0.08	7.07	6.7	1530	1.85	0.87	5.57	0.06	28.1	14.3	85	0.65	118.0
S052110		7.02		0.17	8.63	2.5	3870	4.01	0.90	2.77	0.09	42.4	7.3	6	0.74	107.5
S052111		3.16		<0.01	0.06	<0.2	40	0.05	0.02	21.1	0.05	0.93	0.8	1	0.09	1.8
S052112		4.58		0.48	8.10	1.9	4540	3.81	1.56	2.95	0.06	39.6	8.6	5	1.36	88.8
S052113		9.54		0.18	7.94	2.5	5540	3.38	5.69	2.72	0.07	34.7	14.8	5	1.18	199.0
S052114		0.32		30.5	7.03	136.0	110	0.63	10.95	5.98	33.0	28.7	103.0	114	1.52	6620
S052115		8.92		0.23	8.79	4.7	3880	4.13	0.53	2.84	0.11	41.3	6.7	7	1.77	135.5
S052116		3.36		0.14	7.41	21.9	2450	2.44	1.78	3.98	0.44	28.0	12.4	49	1.60	144.0
S052117		5.58		0.15	7.26	32.5	1070	2.71	2.01	3.42	0.07	27.3	18.3	65	0.90	250
S052118		5.82		0.12	8.86	6.0	4960	3.46	0.46	1.50	0.08	8.62	4.5	16	0.47	109.5
S052119		7.38		0.07	9.07	1.8	4360	3.63	0.13	1.29	0.04	8.82	3.6	9	0.75	47.1
S052120		3.30		<0.01	0.06	<0.2	30	0.09	0.02	22.3	0.06	1.05	0.8	4	0.10	2.9
S052121		5.56		0.45	7.75	1.8	3640	3.82	3.96	1.36	0.21	19.90	3.0	15	0.84	59.4
S052122		4.18		0.42	8.60	5.4	2380	4.59	4.05	1.74	0.20	23.7	9.0	19	3.54	119.5
S052123		2.86		0.27	8.29	11.3	1260	7.76	1.26	6.86	0.17	105.0	35.0	27	10.40	287
S052124		8.20		0.09	6.80	2.9	3880	3.44	0.13	2.95	0.06	5.76	5.5	46	1.82	93.2
S052125		3.48		0.10	7.70	1.9	4590	3.11	0.11	2.65	0.09	7.03	4.8	23	1.08	107.0
S052126		5.16		0.07	8.98	3.7	3530	2.82	0.13	1.17	0.08	9.40	5.2	11	0.95	69.8
S052127		5.02		0.06	8.11	2.2	5300	3.39	0.11	2.18	0.05	9.26	7.5	11	1.00	54.5
S052128		<0.02		0.05	8.85	2.0	5170	3.51	0.13	2.13	0.05	11.50	7.4	10	1.01	53.8
S052129		7.04		0.10	8.73	2.1	3060	3.14	0.13	1.78	0.05	12.60	6.8	16	0.98	94.9
S052130		4.48		0.16	9.30	2.6	3240	3.18	0.18	1.20	0.07	14.05	5.1	19	1.01	150.0
S052131		6.76		0.71	8.65	2.8	3090	3.45	3.22	1.14	0.11	10.25	4.3	12	0.95	51.0
S052132		5.20		1.03	5.99	3.2	1820	3.44	2.50	1.08	0.69	12.15	21.0	18	0.65	698
S052133		5.58		0.21	8.32	2.6	2330	3.64	0.83	1.86	0.15	11.95	9.7	17	1.92	110.5
S052134		8.64		0.36	7.40	15.3	1590	3.27	0.76	5.40	0.14	38.2	17.9	51	2.14	365
S052135		0.38	3.24	13.35	6.19	55.0	120	0.73	1.81	4.15	4.52	17.25	40.1	39	1.83	>10000
S052136		9.98		0.14	7.48	5.4	1400	2.74	2.57	5.20	0.14	31.4	18.4	62	1.20	212

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Finalized Date: 7-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16150705

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
S052101		3.82	15.60	0.11	1.6	0.057	2.32	18.9	11.4	1.13	761	21.9	3.31	6.9	51.2	1040
S052102		3.39	16.40	0.10	1.6	0.029	2.14	19.8	16.1	1.36	526	21.4	3.05	6.9	40.6	980
S052103		3.51	17.40	0.15	2.5	0.051	2.06	45.6	15.0	1.01	472	16.50	4.24	13.4	29.8	930
S052104		2.18	16.70	0.08	1.1	0.024	2.71	14.7	8.5	0.70	266	4.73	3.71	6.1	16.2	590
S052105		2.99	17.45	0.09	1.9	0.052	3.12	18.4	13.0	0.83	587	8.14	3.71	8.2	24.0	720
S052106		2.06	21.0	0.12	3.3	0.041	3.41	23.5	16.7	0.78	439	10.75	4.48	13.7	10.3	730
S052107		3.61	17.10	0.11	1.7	0.057	2.43	17.5	16.6	1.20	788	17.70	3.39	6.3	58.3	1070
S052108		5.81	16.10	0.09	1.7	0.131	1.76	12.0	24.1	1.27	1720	25.5	3.55	5.5	83.1	1360
S052109		4.46	17.50	0.10	1.7	0.077	2.20	17.0	19.8	1.36	907	25.4	3.61	6.1	50.6	1120
S052110		2.13	21.7	0.10	3.0	0.031	2.91	19.9	19.5	0.54	360	4.85	4.78	12.8	4.8	810
S052111		0.47	0.17	0.06	<0.1	<0.005	0.02	0.5	1.2	12.95	198	0.38	0.01	0.1	1.9	160
S052112		2.12	21.6	0.12	3.0	0.033	2.97	18.3	18.1	0.50	363	3.03	4.21	12.8	9.5	820
S052113		2.25	21.8	0.12	2.9	0.031	4.14	16.6	19.0	0.36	301	6.40	3.99	12.3	9.9	740
S052114		9.60	12.10	0.12	0.7	2.40	1.02	16.0	9.4	2.21	887	56.6	0.84	2.7	374	690
S052115		2.10	22.4	0.11	3.0	0.031	2.80	19.8	26.0	0.38	362	6.23	4.87	13.2	3.2	810
S052116		3.26	18.95	0.11	2.0	0.057	2.82	12.8	31.8	0.92	402	16.85	3.78	8.4	25.1	930
S052117		4.11	18.20	0.12	1.9	0.082	2.57	13.3	18.0	0.96	458	10.80	3.67	7.2	33.6	860
S052118		1.20	21.4	0.09	2.7	0.033	3.50	4.2	9.6	0.21	197	14.65	4.95	11.5	4.4	240
S052119		1.03	21.7	0.07	2.9	0.019	3.06	4.4	9.4	0.19	182	2.68	5.04	12.0	4.7	230
S052120		0.46	0.20	0.07	<0.1	<0.005	0.02	0.5	1.2	13.70	199	0.09	0.01	0.2	1.7	190
S052121		1.04	23.3	0.09	3.1	0.015	3.95	13.8	7.6	0.13	230	7.90	3.98	11.2	4.1	220
S052122		1.79	21.0	0.09	3.0	0.043	2.86	10.4	13.7	0.36	296	8.38	4.44	11.7	8.0	900
S052123		6.01	20.6	0.21	3.8	0.121	1.66	50.5	47.5	2.12	660	14.40	1.98	10.7	23.8	3520
S052124		1.19	20.2	0.09	2.4	0.021	2.77	2.7	9.6	0.16	439	4.17	4.80	11.3	16.5	210
S052125		1.16	20.3	0.09	2.6	0.022	2.90	3.3	9.2	0.16	394	4.46	4.98	12.0	10.3	240
S052126		1.07	21.5	0.09	2.9	0.019	3.25	4.7	6.8	0.17	207	3.77	5.07	12.4	5.8	240
S052127		2.03	20.0	0.07	2.5	0.024	3.11	4.4	6.3	0.44	499	5.35	4.26	11.3	6.7	220
S052128		2.00	20.4	0.09	2.5	0.025	3.23	5.9	6.6	0.44	472	5.01	4.44	11.8	6.9	240
S052129		1.81	20.5	0.09	2.4	0.034	3.22	7.2	6.5	0.42	382	4.10	4.82	11.3	7.0	230
S052130		1.41	22.7	0.08	2.9	0.031	3.12	7.7	6.0	0.33	188	3.66	5.21	12.7	6.3	260
S052131		1.32	22.6	0.11	2.7	0.019	3.21	5.4	6.3	0.37	175	3.44	4.71	11.3	5.0	210
S052132		5.00	20.3	0.09	2.3	0.041	3.63	8.6	9.6	0.30	465	6.05	2.73	5.5	12.2	100
S052133		2.52	20.4	0.08	2.5	0.024	2.85	6.7	10.7	0.56	348	8.35	4.42	10.2	9.7	230
S052134		4.14	18.45	0.11	1.8	0.061	2.65	21.2	25.4	1.08	697	70.8	3.72	7.9	79.5	1220
S052135		8.00	13.45	0.12	1.0	0.402	1.44	8.3	16.2	1.44	707	419	1.68	4.4	48.6	1020
S052136		5.09	18.45	0.11	1.7	0.073	2.04	16.2	26.1	1.66	858	49.6	3.84	6.9	89.8	1120

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Finalized Date: 7-OCT-2016
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Project: MARS

CERTIFICATE OF ANALYSIS WH16150705

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S052101		1.9	77.7	0.026	0.86	0.22	13.8	6	0.8	681	0.39	0.10	4.33	0.328	0.35	3.3
S052102		1.5	98.8	0.024	1.06	0.23	15.5	7	0.5	672	0.41	0.15	5.22	0.333	0.82	3.3
S052103		4.3	65.0	0.017	0.91	0.19	10.3	7	1.0	1020	0.54	0.15	11.20	0.322	0.37	4.8
S052104		3.6	85.8	0.004	0.69	0.22	8.6	3	0.7	818	0.40	0.05	4.25	0.225	0.50	1.9
S052105		4.0	73.6	0.006	0.60	0.24	7.5	3	1.1	789	0.42	0.09	3.98	0.240	0.38	3.0
S052106		7.0	74.7	0.003	0.22	0.16	5.0	1	1.6	1150	0.53	0.05	5.93	0.233	0.30	4.2
S052107		2.7	73.6	0.027	0.69	0.33	16.4	5	0.9	653	0.35	0.70	3.72	0.329	0.33	3.2
S052108		2.8	51.3	0.025	0.38	0.26	17.1	3	1.1	663	0.29	0.61	3.42	0.324	0.22	4.6
S052109		2.1	73.0	0.020	1.16	0.29	16.6	6	0.9	742	0.35	0.35	3.87	0.334	0.33	3.0
S052110		11.8	71.9	0.002	0.56	0.25	3.0	1	1.0	1210	0.53	0.10	4.20	0.197	0.33	3.2
S052111		1.1	0.9	<0.002	<0.01	0.06	0.2	1	<0.2	50.8	<0.05	<0.05	0.07	<0.005	<0.02	0.8
S052112		8.1	70.1	0.002	0.25	0.28	3.0	2	0.9	1150	0.54	0.17	3.80	0.193	0.30	2.6
S052113		8.5	101.5	0.003	0.63	0.24	2.9	2	0.9	965	0.52	0.55	3.60	0.182	0.42	3.3
S052114		8660	36.8	0.017	6.36	31.7	14.5	14	6.9	153.5	0.19	0.56	2.93	0.205	2.45	5.3
S052115		14.3	69.8	0.003	0.40	0.30	3.1	2	1.1	1340	0.56	0.07	4.13	0.193	0.28	3.0
S052116		5.0	84.8	0.011	1.26	0.38	12.1	4	1.0	871	0.44	0.30	4.10	0.295	0.41	16.9
S052117		4.5	86.5	0.007	1.33	0.53	12.9	4	1.5	836	0.34	0.32	2.60	0.275	0.43	3.5
S052118		7.4	88.0	0.005	0.19	0.25	1.8	1	0.9	1100	0.43	0.05	1.31	0.098	0.29	3.9
S052119		7.3	79.3	<0.002	0.09	0.20	1.9	1	0.7	1085	0.47	<0.05	1.27	0.099	0.28	2.6
S052120		1.3	0.9	<0.002	<0.01	0.06	0.2	1	<0.2	50.9	<0.05	<0.05	0.06	<0.005	<0.02	0.7
S052121		15.0	92.1	<0.002	0.09	0.34	1.5	1	1.0	724	0.41	0.10	3.21	0.087	0.28	2.6
S052122		17.3	77.8	0.002	0.05	0.39	6.1	1	1.1	967	0.45	0.09	2.49	0.196	0.27	2.4
S052123		16.0	78.9	0.003	0.61	0.63	23.2	6	2.3	1230	0.44	0.22	8.66	0.548	0.26	5.3
S052124		7.7	57.9	0.002	0.10	0.37	2.2	1	0.9	1100	0.41	<0.05	0.79	0.096	0.24	1.9
S052125		11.5	66.0	0.002	0.12	0.37	2.1	1	0.8	1190	0.43	<0.05	0.99	0.099	0.26	2.3
S052126		7.0	82.8	0.003	0.17	0.42	1.8	1	0.7	1105	0.56	0.08	1.37	0.106	0.29	3.9
S052127		7.2	68.4	<0.002	0.07	0.41	2.1	1	0.8	1385	0.42	<0.05	1.17	0.097	0.24	3.7
S052128		7.4	77.7	<0.002	0.07	0.43	2.2	1	0.8	1380	0.44	0.05	1.52	0.104	0.25	4.3
S052129		8.8	75.3	<0.002	0.06	0.50	3.2	<1	1.0	975	0.42	<0.05	1.39	0.103	0.24	3.9
S052130		9.9	78.5	0.002	0.11	0.48	2.6	<1	1.0	1015	0.46	0.05	1.86	0.111	0.26	3.4
S052131		13.0	74.8	0.003	0.10	0.35	1.9	1	0.8	994	0.40	0.11	2.35	0.095	0.27	3.3
S052132		23.5	86.4	0.003	0.51	0.66	2.5	1	1.7	213	0.17	0.17	3.93	0.073	0.32	3.3
S052133		10.8	66.4	0.006	0.13	0.93	2.5	1	0.9	693	0.40	0.06	1.40	0.098	0.24	3.7
S052134		6.8	80.8	0.025	1.52	0.52	16.2	4	1.3	787	0.40	0.17	4.52	0.337	0.33	5.3
S052135		76.4	49.6	2.71	5.38	54.6	15.8	18	1.8	282	0.27	1.70	1.40	0.338	0.58	1.2
S052136		3.3	69.4	0.021	1.26	0.45	18.0	4	1.3	794	0.34	0.56	3.69	0.362	0.42	5.8

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VANCOUVER BC V6B 1L8

Finalized Date: 7-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16150705

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Au-ICP21
	Analyte	V	W	Y	Zn	Zr	Au
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	0.001
S052101		292	1.0	23.3	45	53.1	0.011
S052102		267	1.5	23.1	44	55.1	0.008
S052103		219	1.0	25.1	41	121.5	0.020
S052104		84	0.7	11.6	21	33.2	0.003
S052105		141	1.0	12.2	38	68.7	0.016
S052106		90	0.7	11.3	32	125.5	0.016
S052107		313	0.8	23.5	40	60.4	0.269
S052108		427	0.9	26.5	74	64.1	0.840
S052109		252	0.9	23.8	46	60.2	0.201
S052110		61	0.7	10.5	22	118.5	0.006
S052111		2	0.1	0.7	16	<0.5	0.001
S052112		70	1.2	9.6	23	119.0	0.061
S052113		67	1.6	9.3	23	119.0	0.249
S052114		395	6.3	12.1	7980	25.1	1.525
S052115		75	0.6	10.2	30	121.0	0.007
S052116		171	1.2	14.8	94	72.9	0.049
S052117		295	2.1	14.9	46	67.4	0.058
S052118		58	1.0	3.7	18	106.5	0.011
S052119		40	1.1	3.9	16	114.0	0.007
S052120		1	0.1	0.8	16	<0.5	<0.001
S052121		53	1.1	3.5	23	115.0	0.004
S052122		84	1.9	6.8	26	117.5	0.010
S052123		273	4.1	27.6	57	164.5	0.006
S052124		50	1.4	3.0	21	92.9	0.005
S052125		46	1.3	3.3	25	100.0	0.005
S052126		36	1.9	3.7	17	109.5	0.007
S052127		45	1.3	4.1	22	94.7	0.004
S052128		45	1.3	4.7	22	99.4	0.004
S052129		77	1.4	3.9	27	92.2	0.002
S052130		50	1.7	4.1	23	107.0	0.005
S052131		42	1.5	3.6	19	97.8	0.003
S052132		333	4.1	3.3	80	72.2	0.008
S052133		99	3.0	4.0	42	94.2	0.005
S052134		338	2.3	20.6	74	64.3	0.012
S052135		148	6.4	14.6	154	35.2	7.28
S052136		366	1.9	19.9	74	59.0	0.398

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

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **STRATEGIC METALS LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: MARS

Finalized Date: 7-OCT-2016
Account: MTT

CERTIFICATE OF ANALYSIS WH16150705

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	CRU-31	CRU-QC	Cu-OG62
LOG-21	LOG-23	ME-MS61	ME-OG62
PUL-31	SPL-21	WEI-21	

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Finalized Date: 10-OCT-2016
Account: MTT

CERTIFICATE WH16153142

Project: MARS

P.O. No.: Batch #5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12-SEP-2016.

The following have access to data associated with this certificate:

HEATHER BURRELL	JOAN MARIACHER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

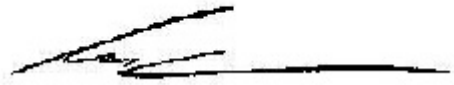
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	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.

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16153142

Sample Description	Method	WEI-21	Cu-OG62	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Cu	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
S052137		4.76		0.06	8.12	8.9	1530	1.82	0.60	4.33	0.05	37.5	14.4	66	2.83	124.5
S052138		6.66		0.06	8.51	15.0	1360	1.59	0.26	3.43	0.08	33.1	15.4	68	5.14	113.5
S052139		1.88		0.04	8.60	5.1	2880	3.17	0.13	2.43	0.04	48.0	8.3	27	1.36	65.9
S052140		4.02		0.01	0.06	<0.2	30	0.06	0.02	20.8	0.05	1.04	0.6	1	0.10	2.8
S052141		3.54		0.08	8.79	29.9	1240	1.90	0.23	2.99	0.05	36.0	15.9	67	5.12	140.0
S052142		7.58		0.04	8.51	2.4	2130	4.08	0.08	1.97	0.04	72.5	6.4	14	0.55	53.5
S052143		3.94		0.47	8.01	4.1	2950	3.82	2.53	1.68	0.29	31.9	5.2	8	0.99	55.1
S052144		8.64		0.08	8.22	2.7	2660	3.92	0.19	1.45	0.06	45.0	4.3	11	0.67	49.4
S052145		7.46		0.16	7.95	41.3	1130	2.52	0.69	2.78	0.08	32.6	15.1	68	4.87	132.0
S052146		1.76		0.04	6.08	1.7	1090	2.83	0.12	0.61	0.04	9.76	1.8	13	0.52	18.0
S052147		0.82		0.04	5.94	1.2	1120	2.62	0.10	0.63	0.02	9.45	1.7	10	0.49	16.4
S052148		4.90		0.17	9.15	1.8	4200	2.53	1.06	1.53	0.10	69.3	5.1	16	2.84	54.1
S052149		4.36		0.08	9.11	5.3	3540	2.81	0.29	1.63	0.10	50.5	5.6	6	1.75	66.8
S052150		6.82		0.06	7.22	7.0	2250	1.76	0.68	4.57	0.15	28.7	13.7	103	1.23	114.5
S052151		3.20		0.05	7.72	1.5	1720	3.83	0.44	5.28	0.06	87.0	19.9	25	1.87	40.1
S052152		6.98		0.08	7.74	5.6	2560	1.88	0.59	3.93	0.07	33.7	14.6	74	1.56	140.0
S052153		4.36		0.09	8.68	1.2	3310	3.78	0.15	2.19	0.07	59.4	7.9	16	1.31	135.0
S052154		0.32		31.2	6.99	131.5	120	0.60	8.46	5.81	35.1	31.1	92.4	118	1.67	6730
S052155		5.58		0.10	8.48	1.9	3250	2.86	0.28	2.92	0.08	51.0	7.9	21	0.97	77.6
S052156		3.40		0.05	7.13	4.2	1910	2.10	0.70	3.93	0.07	36.2	7.3	90	1.91	69.3
S052157		9.22		0.09	8.94	1.0	3590	3.31	0.42	2.19	0.06	54.0	4.9	16	1.09	42.5
S052158		8.34		0.10	8.87	1.6	3960	3.15	0.19	2.41	0.06	38.4	4.9	7	1.88	42.0
S052159		3.28		0.07	9.03	2.4	3740	3.06	0.19	2.78	0.07	42.8	5.3	7	1.91	34.2
S052160		3.82		0.18	7.69	1.8	4210	3.40	0.28	2.69	0.05	30.0	5.1	12	1.46	88.0
S052161		5.44		0.01	0.05	<0.2	30	<0.05	0.04	20.2	0.06	1.10	0.7	<1	0.10	4.1
S052162		4.44		0.15	7.48	17.0	3000	3.55	0.58	2.83	0.09	33.6	11.4	81	1.67	203
S052163		4.78		0.13	7.66	0.3	1420	2.97	0.58	0.37	0.03	7.99	1.8	10	0.46	48.4
S052164		4.20		0.05	7.38	0.6	1520	3.09	0.07	0.28	0.02	7.93	1.2	7	0.47	18.9
S052165		0.38	3.39	14.05	6.28	56.3	120	0.60	1.68	4.10	4.86	19.85	39.8	41	1.98	>10000
S052166		9.14		0.05	7.24	0.2	1370	3.22	0.05	0.30	0.02	6.34	1.1	14	0.38	34.5
S052167		7.42		0.02	6.80	0.3	1220	3.45	0.04	0.20	0.02	5.99	0.9	8	0.29	16.5
S052168		6.78		0.05	8.25	1.3	2590	3.49	0.28	1.33	0.05	32.5	2.7	7	1.26	37.6
S052169		5.82		0.12	8.16	7.1	3100	3.02	0.37	3.94	0.11	53.3	9.0	27	2.32	91.7
S052170		4.60		0.03	9.22	1.4	3050	3.19	0.14	2.71	0.05	48.0	6.8	9	1.35	52.1
S052171		<0.02		0.05	8.76	1.2	2980	3.11	0.15	2.70	0.03	43.0	6.7	11	1.28	50.5
S052172		8.04		0.04	8.10	0.6	3050	3.38	0.22	2.64	0.03	54.0	4.6	7	1.28	30.6

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Finalized Date: 10-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16153142

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
S052137		4.53	17.85	0.18	1.7	0.058	2.05	22.4	17.6	1.82	654	25.0	3.17	7.0	57.5	1050
S052138		4.17	17.95	0.17	1.6	0.030	1.95	17.7	18.7	1.61	452	12.15	3.14	6.9	44.4	920
S052139		2.48	19.25	0.20	2.9	0.034	2.95	25.6	16.6	1.00	399	9.47	4.43	10.1	19.3	770
S052140		0.45	0.20	0.26	<0.1	<0.005	0.02	0.5	0.9	12.95	196	0.29	0.01	0.1	1.4	190
S052141		4.32	18.40	0.19	1.8	0.028	2.38	20.0	15.4	1.48	411	12.40	3.87	7.6	45.7	900
S052142		2.27	19.25	0.25	2.6	0.039	2.96	46.7	11.6	0.43	429	2.45	4.92	12.8	4.8	720
S052143		1.63	22.1	0.19	3.3	0.030	3.42	16.1	10.3	0.24	328	7.35	4.46	13.1	3.3	440
S052144		1.51	22.7	0.11	2.7	0.027	3.32	23.3	13.0	0.30	317	5.10	4.76	13.5	8.3	580
S052145		3.56	20.7	0.12	2.1	0.023	2.42	16.7	30.3	1.25	369	33.2	3.80	7.5	50.3	860
S052146		1.02	24.0	0.09	2.6	0.008	4.22	4.6	3.1	0.18	170	2.80	2.65	7.5	4.1	130
S052147		0.96	23.7	0.09	2.4	0.010	4.09	4.4	3.3	0.18	161	2.17	2.60	7.2	2.9	130
S052148		1.95	21.3	0.16	2.5	0.038	3.29	38.5	24.2	0.54	375	1.72	4.24	11.3	11.9	1090
S052149		1.80	22.0	0.15	2.7	0.026	2.57	24.8	22.8	0.53	319	0.81	4.70	11.1	7.8	890
S052150		3.89	18.55	0.12	1.7	0.067	2.25	17.3	16.1	1.13	969	8.54	3.11	7.0	64.5	1180
S052151		5.39	20.6	0.18	3.5	0.132	1.61	41.1	46.9	2.61	872	2.05	3.55	14.0	33.6	3010
S052152		4.11	18.60	0.13	1.7	0.057	2.68	19.6	20.2	1.24	737	6.93	3.59	7.1	47.9	1020
S052153		2.29	20.9	0.14	3.3	0.038	2.96	30.1	20.9	0.89	542	1.18	4.06	11.8	10.8	1060
S052154		9.52	11.80	0.13	0.7	2.63	1.01	17.3	8.8	2.16	870	58.9	0.82	2.8	369	720
S052155		2.21	20.8	0.12	3.0	0.036	2.70	25.4	17.5	0.83	496	2.17	4.24	10.5	15.9	940
S052156		3.44	17.75	0.11	2.0	0.058	1.79	21.8	25.0	1.15	736	20.3	3.33	7.7	53.7	1190
S052157		1.79	24.0	0.14	3.4	0.034	3.40	26.6	19.9	0.68	356	3.37	4.63	13.0	11.5	770
S052158		1.66	23.0	0.11	3.8	0.027	3.33	18.3	23.9	0.47	339	1.66	4.54	11.0	4.2	790
S052159		1.74	22.6	0.12	3.9	0.024	3.15	19.7	23.0	0.47	448	2.51	4.05	10.4	4.5	800
S052160		1.61	21.4	0.11	3.3	0.030	2.92	12.2	20.0	0.41	338	5.62	4.38	11.3	7.6	780
S052161		0.43	0.19	0.06	<0.1	<0.005	0.02	0.5	0.9	12.60	185	0.29	0.01	0.1	1.3	190
S052162		3.01	18.60	0.13	1.6	0.043	2.83	19.3	23.0	1.11	488	9.50	3.92	9.0	38.2	1180
S052163		0.89	25.1	0.10	2.7	0.009	4.82	3.8	2.5	0.14	86	1.27	3.52	7.3	3.3	120
S052164		0.89	24.9	0.12	2.9	0.008	4.43	3.5	3.3	0.14	79	0.63	3.31	7.9	1.9	90
S052165		8.17	13.60	0.12	1.0	0.427	1.49	8.7	15.2	1.44	717	405	1.69	4.6	49.2	1060
S052166		0.80	26.1	0.08	3.0	0.007	4.54	2.7	2.0	0.08	87	1.80	3.90	7.8	2.4	110
S052167		0.73	25.6	0.09	2.9	0.006	4.03	2.4	2.2	0.07	57	0.64	3.69	7.9	1.5	60
S052168		1.22	25.3	0.13	3.5	0.016	4.10	14.4	12.6	0.19	182	1.44	3.79	11.0	3.7	550
S052169		2.72	22.0	0.13	3.2	0.042	2.50	25.8	21.8	0.86	525	6.20	4.10	12.3	17.6	1120
S052170		1.86	23.3	0.13	4.0	0.023	2.72	23.2	17.9	0.55	339	1.86	4.88	11.8	4.8	740
S052171		1.79	22.3	0.10	4.0	0.023	2.62	20.4	17.1	0.53	336	2.00	4.65	11.4	4.2	710
S052172		1.93	22.7	0.13	3.4	0.037	2.90	25.2	17.2	0.53	411	1.51	4.23	12.3	4.4	860

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Finalized Date: 10 - OCT - 2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16153142

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S052137		1.9	87.2	0.016	1.06	0.13	17.5	4	0.8	751	0.42	0.24	5.47	0.364	0.76	4.9
S052138		2.6	90.8	0.010	1.47	0.29	16.7	5	0.5	773	0.42	0.18	5.23	0.372	0.95	3.4
S052139		6.4	83.2	0.005	0.38	0.16	7.3	1	1.3	752	0.45	0.05	6.53	0.238	0.42	4.7
S052140		1.2	0.8	<0.002	0.01	<0.05	0.1	<1	<0.2	45.5	<0.05	<0.05	0.07	<0.005	<0.02	0.5
S052141		3.5	95.9	0.009	1.43	1.12	16.2	3	0.7	656	0.41	0.11	4.76	0.372	0.98	3.2
S052142		8.6	61.6	<0.002	0.09	1.87	2.7	<1	1.6	623	0.57	<0.05	8.46	0.166	0.20	4.6
S052143		40.7	72.9	0.004	0.32	2.51	2.3	1	1.3	670	0.55	0.13	5.90	0.137	0.25	4.5
S052144		13.5	76.4	0.002	0.13	2.93	2.4	2	1.5	634	0.55	<0.05	5.98	0.161	0.24	4.0
S052145		7.2	104.5	0.015	1.22	1.95	16.5	4	0.7	624	0.40	0.22	5.78	0.348	0.73	17.9
S052146		4.8	86.8	<0.002	0.05	0.31	0.9	1	1.3	163.5	0.25	<0.05	5.79	0.067	0.23	4.5
S052147		4.5	85.4	<0.002	0.05	0.32	1.0	1	1.2	176.5	0.25	<0.05	5.51	0.064	0.26	4.9
S052148		10.0	95.4	0.003	0.08	0.34	5.5	1	1.3	999	0.50	0.48	6.59	0.246	0.34	3.1
S052149		8.4	77.3	<0.002	0.02	0.30	3.3	1	1.0	1195	0.51	0.12	6.43	0.210	0.31	3.2
S052150		3.1	69.7	0.010	0.10	0.54	15.9	3	1.1	797	0.41	0.21	4.12	0.364	0.45	3.1
S052151		8.1	61.3	<0.002	0.02	0.25	21.4	2	2.7	948	0.52	0.16	7.87	0.614	0.22	4.2
S052152		4.0	99.9	0.009	0.05	0.48	16.2	3	1.1	755	0.39	0.15	4.10	0.379	0.56	2.7
S052153		9.8	90.5	0.002	0.01	0.27	5.4	1	1.3	1025	0.54	<0.05	8.95	0.239	0.38	4.0
S052154		8500	41.3	0.021	6.31	29.9	12.7	14	6.9	155.5	0.20	0.58	3.21	0.203	2.38	5.7
S052155		12.5	73.6	0.004	0.11	0.30	5.9	1	1.1	1190	0.51	0.09	6.99	0.240	0.38	3.3
S052156		5.8	66.1	0.006	0.04	0.46	13.0	2	1.1	824	0.45	0.13	5.58	0.317	0.40	3.1
S052157		8.4	89.6	0.002	0.02	0.27	4.4	1	1.3	1045	0.54	0.09	6.57	0.214	0.34	3.7
S052158		8.4	84.9	0.002	0.04	0.27	3.1	1	1.0	1240	0.50	0.08	5.30	0.196	0.36	3.6
S052159		8.9	79.9	<0.002	0.01	0.33	3.0	1	0.9	1290	0.51	0.07	5.48	0.194	0.38	3.5
S052160		8.3	71.2	0.006	0.12	0.54	3.3	1	0.9	904	0.50	0.09	3.92	0.186	0.32	3.3
S052161		1.4	0.8	<0.002	<0.01	0.05	0.1	1	<0.2	49.5	<0.05	<0.05	0.06	<0.005	<0.02	0.5
S052162		7.7	101.5	0.006	0.09	0.52	15.5	3	2.1	575	0.44	0.13	4.42	0.340	0.43	2.9
S052163		9.8	97.6	<0.002	0.01	0.19	1.1	1	1.1	206	0.24	0.14	5.49	0.065	0.32	2.2
S052164		7.5	79.5	0.002	0.01	0.16	0.9	1	1.1	234	0.27	<0.05	5.66	0.060	0.21	1.8
S052165		79.6	49.2	2.72	5.49	55.8	14.7	20	1.8	292	0.28	1.91	1.51	0.339	0.60	1.2
S052166		8.5	76.9	0.005	0.02	0.18	0.8	<1	1.1	201	0.26	<0.05	6.10	0.057	0.21	2.2
S052167		8.6	70.2	0.002	0.02	0.09	0.7	<1	1.0	179.5	0.25	<0.05	6.13	0.053	0.18	2.2
S052168		9.0	93.3	0.002	0.02	0.19	1.9	1	1.1	614	0.45	0.16	8.00	0.139	0.32	2.9
S052169		9.8	70.8	0.004	0.05	0.32	7.7	2	1.2	1215	0.59	0.15	6.90	0.306	0.45	3.5
S052170		9.6	72.8	0.002	0.13	0.20	3.1	1	1.1	1255	0.52	0.08	7.63	0.196	0.30	4.6
S052171		9.1	68.7	0.005	0.13	0.16	2.9	1	1.0	1215	0.51	0.08	7.33	0.188	0.27	4.6
S052172		8.6	71.8	<0.002	0.05	0.17	3.4	1	1.2	1040	0.53	0.13	7.38	0.212	0.29	4.1

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

ALS Canada Ltd.
2103 Dollarton Hwy
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www.alsglobal.com

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

Finalized Date: 10-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16153142

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Au-ICP21
	Analyte	V	W	Y	Zn	Zr	Au
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	0.001
S052137		445	1.4	22.8	42	55.0	0.065
S052138		287	2.4	18.7	55	50.9	0.014
S052139		157	1.9	12.1	37	101.0	0.003
S052140		2	0.1	0.7	15	<0.5	<0.001
S052141		278	1.9	18.8	45	53.4	0.011
S052142		190	1.1	10.4	35	81.1	0.001
S052143		94	1.9	8.2	33	103.0	0.007
S052144		98	0.9	10.0	25	87.5	0.007
S052145		251	2.4	19.6	41	69.2	0.007
S052146		41	1.2	4.2	19	88.5	<0.001
S052147		40	1.3	4.2	17	82.3	0.001
S052148		91	3.9	10.9	29	93.9	0.208
S052149		57	1.0	11.3	29	105.5	0.019
S052150		300	1.9	24.8	63	62.0	0.073
S052151		286	1.5	28.9	64	148.0	0.193
S052152		240	1.4	25.4	40	59.5	0.036
S052153		125	1.0	12.5	34	126.5	0.004
S052154		393	6.4	12.9	7880	25.3	1.515
S052155		104	0.9	12.8	39	125.0	0.021
S052156		284	0.9	24.6	37	67.9	0.032
S052157		78	2.0	11.0	26	134.0	0.006
S052158		63	2.2	8.6	23	157.0	0.004
S052159		51	1.6	8.8	28	162.5	0.004
S052160		81	3.8	8.6	23	133.0	0.012
S052161		2	0.1	0.7	16	0.5	<0.001
S052162		264	1.4	23.2	35	53.8	0.020
S052163		43	1.9	2.9	12	87.3	0.072
S052164		37	1.8	3.0	10	87.9	0.001
S052165		148	6.7	15.6	159	38.2	7.69
S052166		37	1.5	2.5	11	91.3	0.003
S052167		36	1.0	2.5	12	93.5	<0.001
S052168		59	2.6	6.3	16	130.0	0.025
S052169		143	1.0	18.1	41	123.5	0.014
S052170		65	0.7	9.7	25	164.5	0.033
S052171		63	0.8	9.0	25	163.0	0.022
S052172		74	1.6	11.5	25	135.0	0.021

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16153142

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	CRU-31	Cu-OG62	LOG-21
LOG-21d	LOG-23	ME-MS61	ME-OG62
PUL-31	PUL-31d	PUL-QC	SPL-21
SPL-21d	WEI-21		

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

Finalized Date: 12-OCT-2016
Account: MTT

CERTIFICATE WH16153181

Project: MARS

P.O. No.: Batch #6

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12-SEP-2016.

The following have access to data associated with this certificate:

HEATHER BURRELL	MATT DUMALA	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-31	Pulverize split to 85% <75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

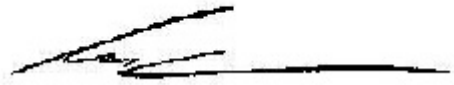
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	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.

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Finalized Date: 12-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16153181

Sample Description	Method	WEI-21	Cu-OG62	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Cu	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
S052173		5.64		0.08	7.15	3.9	1560	1.70	1.16	3.70	0.04	29.5	10.4	65	0.77	126.0
S052174		4.84		0.11	7.31	7.2	1330	1.81	0.81	2.64	0.04	29.2	10.2	67	3.94	123.5
S052175		4.80		0.09	7.39	11.6	1680	1.99	0.74	3.42	0.31	27.3	9.2	53	1.01	113.0
S052176		7.00		0.07	8.34	2.3	4530	3.12	0.81	1.29	0.04	7.78	1.9	17	0.46	44.4
S052177		8.72		0.05	8.09	1.0	4450	3.09	0.10	1.28	0.05	9.02	2.3	13	0.47	53.4
S052178		5.04		0.01	0.05	<0.2	30	0.06	0.03	20.6	0.05	1.05	0.6	7	0.10	2.5
S052179		9.50		0.05	8.28	1.1	4520	3.25	0.08	1.36	0.04	9.40	2.5	26	0.47	35.6
S052180		8.94		0.11	7.84	1.9	3530	3.00	0.10	2.36	0.05	40.0	4.9	19	1.39	77.0
S052181		8.72		0.06	7.40	2.2	3430	3.24	0.08	2.86	0.02	43.8	4.3	19	1.63	41.6
S052182		8.68		0.09	7.71	1.1	3710	3.75	0.10	2.23	0.05	49.5	5.2	15	1.08	67.4
S052183		9.60		0.11	7.58	1.4	2920	3.03	0.12	1.93	0.04	45.6	4.9	17	0.87	100.0
S052184		6.96		0.11	7.29	0.6	3370	2.52	0.07	1.38	0.04	29.3	4.3	28	0.77	63.7
S052185		6.54		0.04	7.08	1.2	3360	2.51	0.06	0.98	0.02	7.85	2.2	28	0.65	17.0
S052186		0.38	3.46	13.20	6.30	53.9	100	0.64	1.78	4.16	4.70	19.65	36.0	42	1.99	>10000
S052187		4.70		0.04	7.02	0.8	2510	2.96	0.07	0.48	0.02	8.23	1.6	25	0.44	38.0
S052188		8.96		0.05	6.65	1.2	2760	2.75	0.07	0.36	<0.02	5.29	1.6	31	0.32	17.7
S052189		3.02		0.14	6.75	1.2	2220	2.83	0.19	0.48	0.04	5.50	1.9	25	0.43	68.4
S052190		5.00		<0.01	0.07	<0.2	30	0.07	0.02	20.9	0.06	1.31	0.6	3	0.14	1.8
S052191		6.20		0.04	7.41	0.9	3210	2.64	0.04	0.38	<0.02	5.80	1.6	23	0.32	18.6
S052192		8.42		0.14	7.47	0.9	3020	3.04	0.38	0.44	0.03	6.18	1.9	22	0.32	38.9
S052193		4.36		0.09	7.81	1.2	3120	3.11	0.36	0.39	0.02	5.36	1.8	20	0.31	18.8
S052194		6.94		0.10	7.18	0.9	2250	4.00	0.21	0.59	0.02	13.10	2.0	27	0.53	21.9
S052195		6.92		0.04	5.92	0.4	820	3.21	0.09	0.36	0.02	8.58	1.2	39	0.31	17.5
S052196		6.34		0.10	7.96	1.9	3780	3.86	0.25	2.06	0.04	58.8	6.7	15	1.16	98.1
S052197		2.80		0.06	8.38	1.9	3580	3.87	0.10	2.41	0.04	51.8	3.8	15	1.55	19.6
S052198		3.08		0.06	7.14	2.0	5040	5.86	0.37	5.57	0.06	50.6	7.2	14	0.99	11.7
S052199		4.20		0.20	8.88	3.7	3950	3.82	0.29	2.43	0.08	60.1	6.5	11	1.54	180.0
S052200		0.32		31.5	6.90	136.5	100	0.56	8.96	5.96	34.8	26.1	93.1	124	1.55	6820
S052201		7.98		0.25	7.79	2.4	3810	3.44	0.47	2.39	0.10	33.2	4.6	13	1.46	153.0
S052202		8.94		0.09	7.97	1.8	3000	3.13	0.10	1.59	0.04	11.90	2.1	21	0.51	56.8
S052203		8.40		0.09	8.66	2.3	4220	3.59	0.09	1.63	0.05	11.15	2.7	28	0.95	63.5
S052204		4.00		1.33	8.24	2.8	3920	3.31	0.55	1.51	0.39	9.84	5.8	22	0.64	2080
S052205		4.30		0.31	8.74	1.6	4350	3.24	0.24	1.40	0.09	8.76	3.2	16	0.60	360
S052206		7.40		0.71	8.21	1.8	3850	3.25	10.30	1.14	0.06	10.70	2.1	16	0.54	195.5
S052207		7.40		0.10	8.49	6.7	4160	3.65	0.14	1.42	0.07	10.75	4.6	18	0.71	86.9
S052208		<0.02		0.10	8.39	6.1	4100	3.34	0.15	1.44	0.05	9.72	4.3	18	0.69	75.4

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16153181

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
S052173		2.99	17.40	0.14	1.3	0.035	2.02	15.4	16.9	1.04	603	12.25	3.62	6.7	39.8	850
S052174		2.98	17.45	0.14	1.6	0.016	2.19	15.0	25.0	0.99	289	10.45	3.83	7.3	29.4	810
S052175		2.96	17.75	0.16	1.3	0.034	2.52	13.7	19.1	1.04	526	10.90	3.88	7.6	31.8	730
S052176		0.78	20.9	0.15	2.9	0.012	3.05	3.9	8.3	0.18	170	5.39	4.90	11.9	4.4	220
S052177		0.84	20.3	0.06	3.0	0.015	2.74	4.5	7.8	0.25	200	3.21	4.96	12.1	9.8	230
S052178		0.45	0.20	0.11	<0.1	<0.005	0.02	0.5	0.9	12.90	204	0.24	0.02	0.1	2.3	180
S052179		0.85	21.7	0.09	3.1	0.011	2.77	4.7	7.7	0.33	236	3.65	5.20	12.1	4.2	210
S052180		1.59	20.6	0.14	3.2	0.030	2.74	19.4	15.2	0.43	350	3.48	4.34	11.9	3.8	680
S052181		1.76	20.9	0.16	3.0	0.035	2.79	20.6	17.8	0.46	417	2.74	4.03	12.2	3.8	810
S052182		1.85	21.0	0.19	3.0	0.038	3.29	24.9	19.7	0.51	351	12.15	4.06	12.5	4.6	810
S052183		1.65	20.7	0.18	2.8	0.031	2.82	22.3	15.8	0.48	347	15.95	4.26	11.5	4.1	700
S052184		1.33	19.75	0.16	2.6	0.024	3.16	13.4	12.5	0.31	269	8.47	3.93	10.8	6.5	460
S052185		0.86	19.90	0.13	2.4	0.011	2.82	3.8	6.6	0.20	199	3.46	4.23	9.0	4.2	160
S052186		8.06	13.55	0.12	1.0	0.398	1.47	8.9	14.8	1.45	740	428	1.69	4.6	51.3	1060
S052187		0.83	24.8	0.10	2.5	0.011	4.26	3.5	4.0	0.09	119	33.7	3.82	8.2	2.3	130
S052188		0.78	20.7	0.09	2.4	0.005	3.78	2.5	3.0	0.12	106	3.99	3.78	7.2	2.9	80
S052189		0.90	23.1	0.13	3.6	0.010	3.97	2.9	3.3	0.06	136	2.76	3.71	9.3	2.9	110
S052190		0.45	0.27	0.16	<0.1	<0.005	0.03	0.6	1.0	13.15	197	0.10	0.02	0.2	1.8	190
S052191		0.72	22.8	0.15	2.7	0.008	3.70	2.5	2.9	0.15	87	3.40	4.65	8.6	2.8	120
S052192		0.84	23.2	0.18	2.6	0.014	3.83	2.7	3.6	0.12	121	5.72	4.59	8.3	3.2	110
S052193		0.84	23.4	0.17	2.7	0.010	3.94	2.2	3.3	0.12	110	2.34	4.77	8.3	2.9	120
S052194		1.01	25.4	0.20	3.6	0.011	4.41	6.4	7.5	0.14	152	4.76	3.75	10.9	2.8	160
S052195		0.85	24.8	0.17	3.3	0.007	4.62	4.0	2.8	0.07	118	3.34	2.19	9.9	1.6	40
S052196		1.81	22.3	0.22	3.2	0.025	2.98	29.4	23.6	0.63	389	4.00	4.46	14.3	4.5	890
S052197		1.51	22.4	0.19	3.2	0.027	3.05	24.9	25.0	0.68	364	1.89	4.67	13.5	4.2	870
S052198		2.88	19.85	0.18	3.4	0.069	3.02	26.1	32.2	1.10	895	10.55	4.47	11.7	11.1	720
S052199		1.87	23.2	0.19	3.5	0.033	3.46	30.9	29.4	0.68	370	16.30	4.70	13.7	4.2	860
S052200		9.61	12.00	0.11	0.8	2.50	1.01	13.2	8.5	2.18	902	53.0	0.84	2.8	384	710
S052201		1.53	20.9	0.16	3.0	0.026	3.47	14.6	23.5	0.37	352	21.3	4.41	12.6	5.1	600
S052202		0.95	21.8	0.13	2.6	0.022	2.80	6.4	8.7	0.24	286	3.42	5.11	12.0	4.0	260
S052203		1.11	22.8	0.16	2.7	0.024	3.15	5.8	13.0	0.35	296	1.91	5.22	12.0	6.6	250
S052204		1.22	21.8	0.16	2.7	0.057	2.81	5.1	7.8	0.27	269	1.83	5.10	11.5	7.7	220
S052205		0.88	22.4	0.16	2.7	0.021	3.22	4.1	7.0	0.20	229	2.57	5.19	11.9	4.8	240
S052206		0.81	21.4	0.18	2.8	0.012	3.19	5.6	7.0	0.21	190	4.05	4.83	11.3	3.6	210
S052207		0.96	21.5	0.17	2.8	0.017	2.62	5.5	8.3	0.26	240	4.04	5.30	12.2	6.3	250
S052208		1.07	20.8	0.17	2.7	0.019	2.61	4.9	8.5	0.26	248	4.46	5.25	11.9	6.0	250

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

ALS Canada Ltd.

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

Finalized Date: 12-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16153181

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S052173		4.6	65.4	0.016	0.73	0.40	11.2	3	1.1	729	0.37	0.47	4.46	0.270	0.34	3.0
S052174		4.3	91.5	0.016	0.90	0.37	12.3	4	0.8	577	0.41	0.19	5.12	0.305	0.70	3.0
S052175		5.3	80.4	0.014	0.70	0.32	10.1	6	1.2	723	0.39	0.26	4.54	0.265	0.47	2.6
S052176		9.0	78.6	0.003	0.09	0.24	1.5	1	0.6	1080	0.46	0.40	1.34	0.095	0.34	3.4
S052177		13.3	67.7	0.003	0.08	0.22	1.2	<1	0.6	1160	0.46	<0.05	1.47	0.095	0.27	3.1
S052178		1.8	0.7	<0.002	<0.01	0.10	0.1	<1	<0.2	47.1	<0.05	<0.05	0.04	<0.005	<0.02	0.5
S052179		9.7	66.4	<0.002	0.12	0.21	1.3	<1	0.6	1240	0.47	<0.05	1.64	0.097	0.28	3.2
S052180		9.2	63.4	0.002	0.11	0.23	2.8	1	1.0	1045	0.52	<0.05	5.16	0.186	0.25	3.9
S052181		9.7	62.5	0.002	0.06	0.31	3.2	1	1.2	988	0.57	<0.05	5.57	0.214	0.25	3.8
S052182		10.0	78.2	0.010	0.08	0.24	3.4	1	1.5	794	0.53	0.05	6.82	0.208	0.30	4.8
S052183		10.1	61.3	0.008	0.07	0.21	2.9	1	1.1	879	0.51	<0.05	5.98	0.194	0.21	3.9
S052184		9.8	68.6	0.004	0.07	0.20	2.3	1	0.9	617	0.45	<0.05	4.15	0.143	0.26	3.9
S052185		10.0	55.4	<0.002	0.06	0.29	2.0	<1	0.7	606	0.36	<0.05	1.71	0.093	0.19	3.8
S052186		78.2	47.0	2.78	5.49	55.6	14.5	20	1.7	292	0.28	2.04	1.53	0.342	0.58	1.3
S052187		9.6	83.7	0.021	0.06	0.21	1.0	1	0.9	352	0.30	<0.05	4.13	0.069	0.27	2.9
S052188		10.3	71.9	0.002	0.07	0.22	0.9	<1	0.6	357	0.28	<0.05	2.50	0.056	0.24	3.6
S052189		11.4	90.6	<0.002	0.05	0.23	1.1	1	0.7	303	0.36	<0.05	5.26	0.058	0.31	3.2
S052190		1.3	1.1	<0.002	<0.01	0.10	0.1	<1	<0.2	47.7	<0.05	<0.05	0.09	<0.005	<0.02	0.6
S052191		9.8	63.1	0.002	0.07	0.11	1.1	<1	0.6	387	0.35	<0.05	2.47	0.060	0.18	3.8
S052192		12.7	68.4	0.002	0.07	0.15	1.2	1	0.7	426	0.32	<0.05	2.42	0.062	0.21	2.6
S052193		12.7	68.2	<0.002	0.07	0.18	1.2	<1	0.7	403	0.34	<0.05	2.32	0.062	0.21	2.5
S052194		9.3	88.0	<0.002	0.07	0.16	1.0	<1	1.0	351	0.36	<0.05	6.89	0.073	0.27	4.9
S052195		5.1	89.7	<0.002	0.03	0.17	0.5	1	1.0	117.5	0.25	<0.05	7.38	0.054	0.29	5.6
S052196		10.4	67.0	0.002	0.12	0.40	2.8	1	1.2	926	0.65	0.10	7.35	0.195	0.22	4.4
S052197		10.4	64.2	<0.002	0.06	0.46	3.0	1	1.3	1000	0.64	0.07	6.93	0.211	0.22	4.3
S052198		9.8	64.6	0.006	0.09	3.09	5.5	1	1.7	870	0.56	<0.05	5.53	0.203	0.22	4.5
S052199		11.2	78.5	0.010	0.18	0.59	2.8	1	1.3	1040	0.64	0.08	7.74	0.208	0.32	5.0
S052200		8820	22.9	0.015	6.44	30.2	11.8	13	6.9	156.5	0.20	0.80	2.87	0.208	2.51	5.1
S052201		19.0	78.8	0.009	0.16	0.82	2.2	1	1.1	915	0.54	0.14	4.49	0.161	0.31	3.8
S052202		9.7	66.6	<0.002	0.07	0.57	1.7	1	0.7	725	0.47	<0.05	1.34	0.100	0.25	3.3
S052203		9.6	77.1	<0.002	0.09	0.27	2.4	<1	0.8	949	0.44	<0.05	1.37	0.111	0.30	3.3
S052204		10.0	67.0	<0.002	0.34	0.50	1.8	2	1.1	744	0.46	0.06	1.50	0.100	0.24	3.1
S052205		9.5	78.7	<0.002	0.13	0.31	1.7	1	0.7	901	0.48	0.07	1.33	0.106	0.28	3.2
S052206		21.8	77.2	0.002	0.11	0.52	1.4	2	0.7	755	0.43	0.06	2.08	0.095	0.25	3.8
S052207		9.4	65.6	0.004	0.18	0.87	1.9	1	0.7	1100	0.48	<0.05	1.60	0.104	0.27	3.9
S052208		9.2	63.9	0.003	0.17	0.84	1.9	1	0.7	1085	0.46	<0.05	1.55	0.105	0.25	4.1

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

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

Finalized Date: 12-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16153181

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Au-ICP21
	Analyte	V	W	Y	Zn	Zr	Au
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	0.001
S052173		232	1.0	16.0	35	43.1	0.025
S052174		188	1.7	16.1	30	50.5	0.013
S052175		214	2.5	13.2	64	37.3	0.030
S052176		31	0.8	3.5	14	109.0	0.019
S052177		29	0.7	3.7	18	111.0	0.003
S052178		2	0.1	0.9	16	<0.5	0.001
S052179		28	0.7	3.7	13	116.0	0.003
S052180		69	1.5	9.1	23	119.0	0.004
S052181		82	1.9	9.4	24	106.5	0.003
S052182		110	2.0	10.1	24	108.5	0.003
S052183		79	0.8	9.4	22	98.6	0.012
S052184		71	1.2	7.1	19	98.0	0.002
S052185		38	2.0	3.6	13	83.9	<0.001
S052186		152	6.2	15.3	158	35.8	7.70
S052187		40	1.3	3.1	11	78.2	0.001
S052188		38	1.2	2.6	10	74.4	<0.001
S052189		40	1.4	2.5	11	113.0	<0.001
S052190		2	0.1	0.8	16	0.5	<0.001
S052191		39	1.0	2.9	9	81.9	<0.001
S052192		43	1.2	3.0	12	81.2	<0.001
S052193		43	1.2	2.7	11	81.8	0.001
S052194		54	1.2	4.2	13	121.5	<0.001
S052195		50	1.0	3.1	10	108.5	0.001
S052196		82	0.6	10.5	24	119.0	0.003
S052197		71	0.8	10.4	22	124.0	<0.001
S052198		171	2.1	10.1	65	129.0	<0.001
S052199		79	0.7	11.1	25	140.0	0.001
S052200		403	6.0	11.7	8210	26.3	1.550
S052201		73	0.8	7.1	34	117.0	0.003
S052202		48	1.4	3.3	17	90.8	0.002
S052203		48	1.3	4.0	19	102.0	0.003
S052204		60	1.9	3.5	38	98.8	0.011
S052205		32	1.2	3.6	15	100.5	0.019
S052206		33	1.2	3.8	12	105.0	0.005
S052207		39	1.1	3.8	18	100.5	0.003
S052208		40	1.1	3.6	17	97.9	0.003

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

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

Finalized Date: 12-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16153181

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	CRU-31	CRU-QC	Cu-OG62
LOG-21	LOG-21d	LOG-23	ME-MS61
ME-OG62	PUL-31	PUL-31d	SPL-21
SPL-21d	WEI-21		

ALS Canada Ltd.

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

Finalized Date: 8-OCT-2016
Account: MTT

CERTIFICATE WH16153184

Project: Mars

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12-SEP-2016.

The following have access to data associated with this certificate:

HEATHER BURRELL	JOAN MARIACHER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

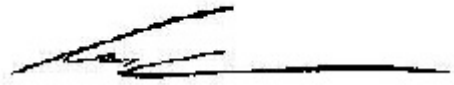
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	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.

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 8-OCT-2016
Account: MTT

Project: Mars

CERTIFICATE OF ANALYSIS WH16153184

Sample Description	Method	WEI-21	Cu-OG62	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Cu	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
S052209		2.56		0.16	8.34	1.7	4140	2.98	0.08	1.35	0.04	10.45	2.5	16	0.89	67.1
S052210		6.32		0.11	8.00	2.5	4400	3.52	0.12	1.17	0.04	8.60	3.6	17	0.63	70.2
S052211		4.76		0.13	7.34	4.6	2370	2.67	0.46	2.86	0.51	31.0	10.8	59	0.83	114.0
S052212		2.68		0.10	6.92	4.4	1900	1.58	0.15	4.47	1.78	25.4	10.2	76	0.80	105.5
S052213		6.80		0.45	7.46	12.7	2120	3.43	0.79	5.24	0.44	37.0	18.4	52	1.18	337
S052214		6.12		0.09	8.35	19.2	1060	1.38	0.26	3.19	0.08	27.3	16.5	69	3.00	148.5
S052215		5.58		0.27	7.94	3.2	1880	1.88	0.22	5.69	0.41	33.5	14.9	101	0.87	172.5
S052216		7.82		0.17	7.73	3.9	1650	1.96	0.36	5.33	0.53	37.1	15.0	92	1.75	181.0
S052217		4.36		0.01	0.06	<0.2	30	0.05	0.02	22.6	0.06	1.03	0.6	2	0.08	3.5
S052218		8.24		0.12	8.79	2.2	1470	3.08	0.70	6.77	0.08	98.7	23.2	22	15.25	67.4
S052219		5.26		0.14	8.80	3.6	3580	2.88	0.88	4.23	0.10	54.0	13.4	9	3.29	136.0
S052220		<0.02		0.15	8.14	4.1	3620	2.67	0.76	3.96	0.09	46.4	12.8	10	2.96	138.0
S052221		6.42		0.08	8.65	4.2	3800	2.79	0.60	3.16	0.06	46.9	6.8	8	1.78	71.9
S052222		4.62		0.13	7.88	5.0	3510	5.16	0.44	4.55	0.11	48.2	12.6	11	2.86	94.9
S052223		4.90		0.24	8.87	14.2	7810	2.80	2.69	2.60	0.14	49.9	18.3	7	2.73	277
S052224		6.62		0.19	8.45	4.0	4880	3.33	19.05	4.50	0.08	59.9	18.5	14	3.74	261
S052225		4.74		0.12	8.51	1.7	1580	3.71	30.0	7.50	0.06	105.5	17.5	23	20.7	139.0
S052226		2.64		0.17	8.67	5.0	4800	2.70	44.6	4.18	0.06	44.8	16.6	25	2.16	218
S052227		0.32	3.38	14.95	6.90	61.2	280	0.73	2.18	4.45	5.16	21.0	42.6	41	2.23	>10000
S052228		5.28		0.51	8.80	2.5	2990	2.04	5.21	3.75	0.05	35.9	15.8	51	0.66	232
S052229		5.66		0.10	7.68	2.9	2370	1.64	1.09	4.81	0.05	29.8	14.1	85	0.53	160.0
S052230		4.62		0.05	7.67	1.8	2100	1.91	0.37	6.36	0.05	47.9	11.1	91	1.78	98.2
S052231		6.62		0.07	7.64	9.7	1620	1.56	0.45	3.81	0.03	30.7	15.4	85	1.78	151.0
S052232		7.84		0.14	7.39	20.2	1930	2.11	2.83	4.52	0.03	28.7	12.5	65	3.27	136.0
S052233		4.50		0.01	0.05	<0.2	20	0.05	0.03	22.6	0.06	1.09	0.6	1	0.10	3.1
S052234		3.58		0.13	8.30	6.1	1630	1.63	7.39	4.72	0.03	39.1	21.2	62	1.94	253
S052235		3.98		0.13	7.94	11.3	2960	1.54	3.47	4.28	0.04	36.5	17.1	65	2.21	237
S052236		6.04		0.07	7.81	5.5	1650	1.67	0.35	3.70	0.02	29.6	13.0	78	2.66	130.0
S052237		0.32		32.0	7.66	144.0	480	0.56	10.55	6.05	35.4	31.0	97.0	109	1.81	6870
S052238		6.20		0.15	7.64	15.3	1800	2.01	0.40	4.11	0.09	29.4	11.6	71	0.85	149.0
S052239		6.46		0.03	7.79	2.7	3390	2.27	0.13	0.82	0.02	9.98	1.9	15	0.34	15.1
S052240		4.58		0.05	7.80	1.8	3100	2.40	0.33	0.63	0.03	9.07	1.4	9	0.35	13.5
S052241		5.42		0.04	8.13	2.3	3540	2.50	0.20	1.09	0.03	10.25	2.0	9	0.41	14.1
S052242		2.26		0.05	8.10	2.1	3530	2.56	0.26	1.10	0.04	10.50	1.8	9	0.38	14.4
S052243		6.36		0.22	7.71	54.0	2190	2.70	2.50	3.47	0.11	33.1	11.2	59	2.62	173.5
S052244		6.58		0.05	8.71	4.2	3840	3.14	0.10	2.72	0.05	56.0	5.1	19	1.04	43.5

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

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

Finalized Date: 8-OCT-2016
Account: MTT

Project: Mars

CERTIFICATE OF ANALYSIS WH16153184

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
S052209		1.00	19.80	0.10	2.7	0.012	2.75	5.5	7.3	0.20	174	4.98	5.15	11.4	5.4	250
S052210		0.97	22.8	0.12	3.5	0.016	2.98	4.0	7.6	0.17	181	2.58	5.33	13.8	4.9	240
S052211		3.24	20.1	0.17	2.5	0.051	2.36	15.3	21.5	1.13	539	4.35	4.39	9.7	48.6	1060
S052212		2.99	17.20	0.17	1.7	0.044	2.44	16.1	16.2	1.48	454	30.3	3.53	6.1	81.1	1340
S052213		5.62	19.40	0.12	1.5	0.050	2.17	20.2	32.6	1.92	822	34.3	3.94	10.2	77.4	1300
S052214		4.41	20.3	0.13	1.9	0.023	2.98	12.5	20.9	1.34	326	33.3	3.83	6.4	50.2	900
S052215		4.35	18.80	0.12	2.1	0.049	2.47	20.4	16.6	1.58	686	22.3	3.76	6.6	81.1	1280
S052216		4.65	18.15	0.14	2.1	0.061	2.24	22.4	20.6	1.59	638	21.6	3.99	7.2	64.4	1370
S052217		0.48	0.17	0.05	<0.1	0.006	0.02	0.5	0.9	13.95	206	0.17	0.02	0.1	2.2	190
S052218		6.06	23.0	0.19	4.6	0.101	1.86	47.7	67.2	2.95	821	1.61	3.47	14.1	21.6	3260
S052219		3.50	22.2	0.14	3.4	0.058	3.26	25.2	35.1	1.18	503	4.23	4.39	11.6	8.5	1530
S052220		3.27	21.6	0.13	3.1	0.058	3.19	20.8	32.2	1.01	465	4.43	4.32	11.2	8.4	1390
S052221		2.27	21.3	0.13	2.7	0.048	3.07	22.4	26.4	0.67	378	6.19	4.76	11.3	4.7	980
S052222		4.50	18.80	0.15	3.0	0.109	3.38	24.5	35.7	1.30	1060	4.63	4.45	10.2	16.8	870
S052223		3.95	19.95	0.16	2.7	0.044	5.01	24.7	24.4	0.61	410	7.31	3.93	11.1	5.0	930
S052224		4.86	19.95	0.16	3.0	0.068	3.15	30.7	34.2	1.27	693	11.85	4.38	10.8	10.5	1490
S052225		5.08	22.3	0.22	4.3	0.093	1.74	55.4	58.3	2.80	784	13.85	3.95	13.1	25.4	3190
S052226		4.81	19.75	0.14	3.6	0.047	3.87	22.6	18.8	1.00	445	13.70	4.02	11.2	22.3	1020
S052227		8.89	14.55	0.14	1.2	0.468	1.60	9.6	16.0	1.61	780	469	1.87	5.0	53.7	1140
S052228		4.23	20.1	0.15	2.9	0.043	4.28	19.0	16.3	1.15	461	8.55	4.00	9.8	34.8	920
S052229		4.62	17.80	0.12	1.7	0.058	3.33	17.8	17.5	1.39	665	13.80	3.78	6.8	53.5	1060
S052230		4.70	17.60	0.15	2.2	0.065	2.65	31.8	17.4	1.84	856	19.20	3.52	7.7	48.1	1690
S052231		4.37	18.25	0.13	1.6	0.021	2.40	18.1	17.1	1.58	335	21.4	3.63	7.5	58.3	1010
S052232		3.43	18.00	0.10	1.6	0.018	2.93	16.4	18.1	1.03	307	27.7	3.46	7.2	39.9	820
S052233		0.50	0.17	<0.05	<0.1	<0.005	0.02	0.5	0.9	13.90	206	0.18	0.01	0.1	2.2	200
S052234		5.33	19.25	0.13	1.8	0.055	3.54	22.9	15.3	1.19	508	14.75	3.61	7.8	49.7	960
S052235		4.48	19.00	0.14	1.9	0.051	3.91	21.3	19.6	1.38	407	18.10	3.20	7.5	36.4	910
S052236		4.15	18.65	0.12	1.8	0.025	2.54	17.6	18.9	1.42	405	18.80	3.73	7.2	50.1	950
S052237		9.82	12.55	0.12	0.9	2.55	1.07	17.3	8.1	2.35	916	58.0	0.88	2.8	387	720
S052238		3.46	19.55	0.12	2.1	0.034	2.58	17.5	16.1	1.00	519	17.20	4.20	8.1	45.9	1040
S052239		0.81	25.5	0.08	2.9	0.010	3.54	4.8	2.7	0.13	175	1.93	4.39	6.6	4.9	160
S052240		0.86	25.5	0.10	3.3	0.009	3.80	4.4	2.4	0.09	130	1.78	4.40	7.1	2.7	120
S052241		0.95	25.6	0.12	3.1	0.011	3.61	4.9	4.0	0.12	221	2.41	4.38	7.2	4.2	140
S052242		1.00	25.3	0.11	3.3	0.014	3.68	5.1	3.4	0.12	233	6.81	4.43	7.3	3.4	130
S052243		3.01	20.2	0.15	2.8	0.026	2.90	20.0	24.6	0.85	454	46.4	3.74	8.9	42.0	880
S052244		2.05	21.8	0.16	3.4	0.046	3.23	28.2	20.4	1.01	425	6.54	4.50	11.3	10.7	730

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

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

Finalized Date: 8-OCT-2016
Account: MTT

Project: Mars

CERTIFICATE OF ANALYSIS WH16153184

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S052209		9.1	65.6	<0.002	0.11	0.63	1.7	1	0.6	922	0.46	<0.05	1.56	0.100	0.26	3.3
S052210		9.7	69.4	0.002	0.15	0.32	1.8	1	0.8	889	0.55	0.07	2.26	0.100	0.27	4.5
S052211		8.4	48.8	<0.002	0.06	0.36	9.9	1	1.2	744	0.48	0.05	4.73	0.258	0.24	4.0
S052212		1.9	70.3	0.019	0.30	0.23	13.4	5	0.9	886	0.39	0.10	4.01	0.282	0.41	5.2
S052213		13.8	68.0	0.023	1.60	0.36	13.0	5	2.1	778	0.44	0.11	4.50	0.283	0.51	6.7
S052214		5.7	87.9	0.032	1.98	0.35	19.1	4	0.7	679	0.41	0.16	3.94	0.425	1.33	3.4
S052215		3.7	83.8	0.023	1.25	0.32	18.4	8	1.2	773	0.40	0.08	4.71	0.392	0.50	4.5
S052216		3.8	70.0	0.024	1.21	0.38	17.1	7	1.4	738	0.43	0.10	5.01	0.404	0.45	3.8
S052217		1.6	0.8	<0.002	<0.01	0.08	0.1	1	<0.2	49.8	<0.05	<0.05	0.07	<0.005	<0.02	0.7
S052218		6.4	69.5	0.002	0.13	0.34	23.2	2	2.6	1130	0.66	0.05	8.66	0.712	0.37	4.6
S052219		8.7	72.4	0.005	0.36	0.33	7.8	2	1.8	1125	0.61	<0.05	5.54	0.357	0.47	3.7
S052220		8.7	60.9	0.005	0.35	0.33	6.3	2	1.6	1100	0.59	0.05	4.87	0.323	0.45	3.5
S052221		9.3	67.5	0.005	0.29	0.91	3.5	1	1.3	1170	0.57	0.07	5.25	0.232	0.35	3.7
S052222		10.1	83.3	0.003	0.17	0.41	8.4	3	2.7	930	0.49	0.06	7.18	0.231	0.31	4.3
S052223		13.3	118.0	0.004	0.39	0.43	3.5	3	1.7	953	0.59	0.15	5.77	0.225	0.48	5.5
S052224		11.2	68.0	0.008	0.42	0.34	8.8	3	2.2	904	0.54	0.35	5.70	0.357	0.33	8.6
S052225		9.2	96.1	0.007	0.41	0.30	21.2	3	2.8	1185	0.63	0.37	8.72	0.671	0.34	7.8
S052226		7.3	97.6	0.011	0.94	0.49	7.2	4	1.2	1015	0.59	0.74	5.73	0.265	0.41	6.8
S052227		90.0	51.8	3.13	6.04	63.2	16.2	22	1.9	313	0.34	1.94	1.68	0.380	0.67	1.4
S052228		4.9	109.5	0.011	1.15	0.38	10.9	4	1.0	855	0.54	0.13	5.27	0.317	0.49	5.1
S052229		3.4	81.7	0.018	1.08	0.41	16.1	4	1.0	593	0.41	0.11	4.14	0.372	0.38	3.6
S052230		3.0	74.9	0.022	0.65	0.33	16.9	5	1.2	754	0.47	0.07	5.78	0.421	0.33	3.9
S052231		2.4	79.9	0.021	1.67	0.24	16.0	7	0.7	669	0.50	0.11	4.79	0.391	0.53	3.2
S052232		5.4	87.7	0.025	1.25	0.39	15.5	4	0.6	656	0.44	0.31	4.11	0.404	0.56	4.0
S052233		1.3	0.9	<0.002	0.01	0.08	0.2	1	<0.2	55.4	<0.05	<0.05	0.07	<0.005	<0.02	0.7
S052234		3.6	109.0	0.017	1.26	0.42	16.1	5	1.1	630	0.49	0.46	5.30	0.403	0.67	4.9
S052235		3.7	121.0	0.021	1.10	0.28	14.7	3	0.9	566	0.53	0.46	5.69	0.384	0.74	4.3
S052236		2.9	101.5	0.029	1.03	0.30	15.3	5	0.8	616	0.44	0.09	5.04	0.376	0.69	4.0
S052237		9120	46.5	0.019	6.54	33.1	13.3	14	7.4	164.0	0.22	0.76	3.53	0.217	2.76	5.4
S052238		10.5	75.0	0.019	1.05	0.81	14.2	5	1.2	553	0.46	0.10	4.85	0.341	0.35	5.3
S052239		12.3	62.2	0.002	0.13	0.39	1.7	1	1.0	578	0.26	<0.05	3.88	0.071	0.22	3.9
S052240		11.9	67.8	0.004	0.14	0.47	1.2	<1	1.0	418	0.30	<0.05	6.10	0.069	0.25	4.6
S052241		12.0	62.4	0.004	0.15	0.63	1.7	1	1.1	511	0.30	<0.05	4.80	0.078	0.22	3.6
S052242		12.3	62.5	0.006	0.15	0.65	1.6	1	1.0	503	0.30	<0.05	5.09	0.077	0.24	3.4
S052243		10.9	95.3	0.036	1.00	2.32	11.8	8	1.0	643	0.47	0.17	6.58	0.312	0.56	6.2
S052244		7.0	73.1	0.003	0.16	0.38	5.3	1	1.4	1145	0.52	<0.05	6.59	0.240	0.37	3.9

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VANCOUVER BC V6B 1L8

Finalized Date: 8-OCT-2016
Account: MTT

Project: Mars

CERTIFICATE OF ANALYSIS WH16153184

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Au-ICP21
	Analyte	V	W	Y	Zn	Zr	Au
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	0.001
S052209		38	1.1	3.7	15	95.3	0.001
S052210		44	1.1	3.1	15	111.5	0.001
S052211		352	1.1	14.5	92	87.5	0.035
S052212		661	1.6	20.1	281	57.4	0.001
S052213		395	1.3	20.2	103	51.4	0.006
S052214		222	1.8	19.4	40	65.0	0.001
S052215		442	1.7	26.1	139	68.3	0.003
S052216		372	1.2	26.4	141	75.4	0.008
S052217		2	0.1	0.8	17	<0.5	<0.001
S052218		272	8.9	30.8	92	175.5	0.022
S052219		138	1.3	14.4	42	125.5	0.013
S052220		128	1.3	12.6	39	116.5	0.014
S052221		86	0.6	10.8	29	98.1	0.019
S052222		285	1.1	12.2	91	107.5	0.017
S052223		180	1.8	11.4	51	93.2	0.180
S052224		239	2.7	16.0	71	110.5	0.553
S052225		294	3.0	30.7	73	183.5	0.486
S052226		210	1.4	16.4	39	146.0	2.27
S052227		161	7.4	17.5	177	43.0	8.03
S052228		201	96.8	20.7	29	115.0	0.250
S052229		321	1.1	23.4	36	56.3	0.036
S052230		320	9.7	27.4	41	76.0	0.012
S052231		263	1.5	22.5	19	52.0	0.008
S052232		211	4.5	17.7	22	53.8	0.039
S052233		1	0.1	0.8	16	<0.5	<0.001
S052234		232	84.0	22.2	32	55.9	0.681
S052235		203	3.4	21.3	29	60.4	0.409
S052236		263	1.4	22.4	35	58.2	0.006
S052237		401	6.2	13.6	8430	30.7	1.795
S052238		250	2.5	22.2	43	65.2	0.007
S052239		41	1.2	4.5	14	76.4	<0.001
S052240		39	2.2	3.6	12	91.8	0.007
S052241		45	2.5	4.4	14	91.3	0.001
S052242		45	2.8	4.5	14	91.4	0.001
S052243		248	4.7	17.5	40	91.2	0.008
S052244		76	0.6	11.4	28	128.0	0.004

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

Project: Mars

Finalized Date: 8-OCT-2016
Account: MTT

CERTIFICATE OF ANALYSIS WH16153184

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	CRU-31	Cu-OG62	LOG-21
LOG-21d	LOG-23	ME-MS61	ME-OG62
PUL-31	PUL-31d	PUL-QC	SPL-21
SPL-21d	WEI-21		

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Finalized Date: 11-OCT-2016
Account: MTT

CERTIFICATE WH16153185

Project: MARS

P.O. No.: Batch #8

This report is for 34 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12-SEP-2016.

The following have access to data associated with this certificate:

HEATHER BURRELL	MATT DUMALA	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

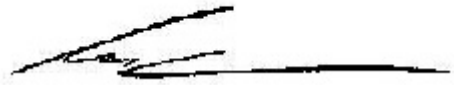
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	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.

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 11-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16153185

Sample Description	Method	WEI-21	Cu-OG62	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Cu	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
S052245		6.70		0.09	7.25	17.8	1810	1.99	0.55	3.21	0.04	30.1	12.3	78	2.69	164.0
S052246		5.40		0.03	7.93	2.1	4170	2.65	0.13	0.46	0.02	9.47	1.7	14	0.39	7.5
S052247		7.34		0.03	7.90	1.2	4090	2.73	0.09	0.49	0.03	7.87	1.5	13	0.35	6.1
S052248		4.62		0.06	7.83	1.5	3910	2.92	0.49	1.29	0.05	8.96	2.2	14	0.40	8.9
S052249		6.26		0.03	7.13	2.3	3740	2.67	0.09	1.35	0.02	4.07	1.3	10	0.59	10.0
S052250		7.84		0.92	7.64	2.5	3420	2.49	3.87	1.06	0.03	8.44	1.6	13	0.66	24.5
S052251		6.62		0.01	0.05	<0.2	30	0.08	0.03	21.8	0.05	0.99	0.6	<1	0.09	1.3
S052252		8.00		0.17	6.89	2.2	3720	2.41	1.48	1.92	0.07	5.26	1.7	13	0.49	22.3
S052253		8.24		0.07	7.66	1.3	3660	2.72	0.34	1.34	0.03	6.69	1.4	12	0.45	26.7
S052254		7.90		0.05	8.03	1.6	3920	3.05	0.15	1.24	0.03	6.95	1.4	10	0.47	15.9
S052255		6.98		0.03	7.41	1.1	3750	2.50	0.09	0.74	0.02	5.62	1.3	16	0.42	8.0
S052256		7.34		0.04	7.53	1.2	3720	2.59	0.14	0.87	0.02	7.76	1.4	15	0.37	17.2
S052257		7.60		0.10	7.81	1.2	3680	2.70	0.43	0.63	0.04	7.51	1.6	12	0.49	12.3
S052258		5.80		0.06	7.43	1.1	4510	2.66	0.09	1.62	<0.02	4.26	1.4	12	0.76	13.3
S052259		3.40		0.05	5.75	1.1	5180	2.87	0.09	3.09	0.03	4.56	1.6	8	0.85	14.6
S052260		4.32		0.02	7.65	0.8	3350	3.11	0.10	1.17	0.02	4.60	1.6	9	0.57	5.3
S052261		7.84		0.03	7.58	1.5	3730	2.94	0.18	1.37	0.03	4.77	1.3	8	0.57	9.7
S052262		6.38		0.04	7.21	1.4	3080	3.19	0.27	0.56	0.03	7.35	1.2	13	0.62	10.9
S052263		6.42		0.07	7.82	2.0	3560	3.42	0.12	0.36	0.04	6.56	1.3	12	0.44	16.1
S052264		6.50		0.04	7.96	1.8	2930	4.05	0.12	0.65	0.05	6.63	1.5	11	2.77	26.1
S052265		0.32		31.8	6.67	142.0	90	0.61	9.14	6.08	35.4	24.4	97.4	132	1.52	7130
S052266		6.06		0.07	7.50	1.6	3220	3.14	0.11	0.49	0.05	6.86	1.3	13	0.45	19.4
S052267		6.98		0.04	7.82	1.3	4060	2.88	0.10	0.49	0.04	7.07	1.4	8	0.37	10.0
S052268		<0.02		0.04	7.90	2.1	4030	2.94	0.10	0.52	0.03	7.52	1.4	9	0.39	9.8
S052269		4.66		0.10	7.28	2.9	3250	2.84	0.66	0.45	0.04	7.92	1.2	9	0.60	24.5
S052270		5.42		0.07	7.80	3.1	3680	3.01	0.25	0.58	0.05	7.48	1.4	10	0.70	32.8
S052271		4.30		0.53	6.41	52.2	1960	5.65	5.66	3.22	0.18	27.6	37.2	56	3.50	484
S052272		7.40		0.41	6.60	32.5	2490	3.15	1.90	3.23	0.25	31.8	15.4	55	1.75	277
S052273		0.32	3.35	13.00	6.33	50.5	160	0.77	1.95	4.21	4.41	19.25	38.5	41	2.01	>10000
S052274		9.16		0.31	7.53	27.0	1990	2.27	3.67	5.30	0.06	35.5	18.8	59	2.88	214
S052275		5.38		0.15	8.03	7.1	3570	3.02	1.57	3.20	0.10	40.4	8.5	50	3.24	89.4
S052276		5.04		0.03	9.23	4.2	4780	3.79	0.16	2.51	0.06	66.7	5.7	7	2.29	41.3
S052277		6.64		0.03	0.05	<0.2	50	0.06	0.03	20.9	0.06	1.07	0.6	1	0.09	4.2
S052278		6.38		0.03	8.91	4.5	3660	3.12	0.13	1.97	0.06	63.7	5.8	9	2.79	48.6

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

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To: **STRATEGIC METALS LTD.**
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1016-510 W HASTINGS ST
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Finalized Date: 11-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16153185

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
S052245		3.50	18.55	0.10	1.8	0.029	2.66	17.8	21.9	1.15	367	23.8	3.45	6.8	42.6	980
S052246		0.84	26.7	0.13	2.6	0.011	3.70	4.6	3.5	0.20	127	3.16	4.66	7.1	3.6	150
S052247		0.71	27.1	0.13	2.1	0.009	3.90	3.7	3.4	0.19	154	1.79	4.52	5.9	2.3	110
S052248		1.11	27.4	0.11	2.7	0.021	3.69	4.3	5.8	0.32	310	38.9	4.35	6.3	4.3	100
S052249		0.75	26.2	0.14	2.4	0.009	3.78	1.5	4.0	0.18	259	2.43	4.05	6.6	2.1	100
S052250		0.81	25.5	0.15	2.2	0.007	4.10	4.6	5.3	0.20	205	14.50	3.86	6.5	2.6	150
S052251		0.48	0.24	0.19	<0.1	<0.005	0.02	0.5	1.0	13.80	211	0.16	0.01	0.1	1.7	210
S052252		0.87	25.0	0.23	2.2	0.009	3.87	2.5	4.0	0.22	294	7.82	4.02	6.0	2.6	130
S052253		0.79	25.7	0.20	2.1	0.010	4.00	3.0	3.1	0.22	192	3.65	4.08	5.9	2.3	130
S052254		0.81	28.2	0.24	2.3	0.009	4.13	3.1	3.2	0.18	193	3.64	4.28	6.3	2.5	120
S052255		0.71	26.5	0.19	2.1	0.009	3.89	2.6	3.7	0.18	140	2.26	4.12	5.4	2.2	100
S052256		0.75	26.4	0.21	2.2	0.008	3.90	3.5	3.1	0.24	173	4.77	4.08	5.9	2.2	110
S052257		0.81	27.0	0.23	2.3	0.010	4.14	3.6	4.2	0.22	142	1.82	4.11	6.4	2.4	110
S052258		0.77	26.8	0.22	2.2	0.011	4.25	1.5	4.4	0.16	263	1.55	4.02	6.5	2.2	90
S052259		0.76	25.0	0.27	2.0	0.011	3.88	1.7	4.3	0.18	499	1.55	3.54	5.9	2.2	90
S052260		0.68	26.8	0.24	2.0	0.011	3.99	1.7	4.2	0.19	229	1.57	4.06	5.9	2.3	90
S052261		0.71	28.0	0.23	2.1	0.007	3.93	1.8	3.6	0.17	292	2.08	4.16	6.2	2.0	110
S052262		0.73	24.8	0.19	1.8	0.012	4.09	3.6	3.9	0.18	129	4.45	3.43	5.4	2.1	100
S052263		0.73	27.7	0.23	2.1	0.007	4.26	2.8	2.4	0.13	116	1.72	4.24	6.0	2.0	100
S052264		0.86	29.2	0.20	3.0	0.009	3.97	2.6	9.0	0.30	156	1.87	3.01	6.7	2.4	100
S052265		9.81	12.45	0.16	0.7	2.60	1.01	11.8	8.9	2.20	935	58.1	0.85	2.8	400	740
S052266		0.70	27.9	0.20	2.2	0.011	4.41	2.9	3.2	0.21	111	2.15	3.95	6.4	2.3	90
S052267		0.69	27.4	0.17	2.1	0.010	3.92	3.1	3.1	0.21	124	1.19	4.58	6.1	2.2	130
S052268		0.70	27.4	0.19	2.2	0.008	3.82	3.2	3.4	0.22	127	1.26	4.49	6.1	2.2	120
S052269		0.67	26.3	0.18	2.1	0.008	4.01	4.2	6.0	0.14	117	3.99	3.63	6.4	1.9	140
S052270		0.77	26.1	0.12	2.2	0.011	4.41	3.5	4.9	0.17	137	3.61	3.88	6.9	3.7	110
S052271		6.84	16.30	0.09	1.8	0.146	2.79	14.9	16.4	1.12	754	25.4	2.33	5.8	40.9	670
S052272		3.18	16.40	0.12	1.8	0.049	2.86	17.3	13.8	0.96	504	30.7	3.59	7.7	32.3	930
S052273		8.23	12.60	0.11	1.1	0.425	1.48	9.8	16.4	1.47	745	425	1.73	4.5	48.0	1050
S052274		4.69	17.45	0.09	1.8	0.090	2.46	21.4	29.0	1.20	866	48.3	3.61	6.8	80.5	1160
S052275		3.00	19.65	0.12	2.0	0.063	3.25	22.1	30.6	1.03	539	26.8	4.25	10.0	25.8	880
S052276		1.94	22.1	0.13	3.6	0.044	3.49	34.1	19.0	0.45	383	3.60	4.56	13.8	4.3	860
S052277		0.45	0.17	0.08	<0.1	<0.005	0.02	0.5	1.1	13.15	199	0.14	0.01	0.1	1.2	180
S052278		1.96	21.6	0.18	3.4	0.033	3.25	32.7	13.5	0.52	303	2.01	4.18	13.6	3.3	770

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1016-510 W HASTINGS ST
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Finalized Date: 11-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16153185

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S052245		4.0	95.6	0.039	0.99	0.98	14.4	6	0.9	606	0.38	0.14	4.42	0.329	0.67	4.9
S052246		14.0	65.4	0.002	0.09	0.52	1.4	<1	1.0	778	0.23	<0.05	2.73	0.067	0.21	3.5
S052247		11.6	65.4	<0.002	0.09	0.39	1.0	<1	0.9	634	0.20	<0.05	2.36	0.055	0.20	2.3
S052248		15.2	62.9	0.022	0.12	0.74	2.1	<1	1.1	640	0.20	<0.05	2.61	0.061	0.21	5.6
S052249		12.8	59.8	0.002	0.06	0.39	1.0	<1	0.9	695	0.23	<0.05	1.96	0.058	0.21	3.1
S052250		55.6	73.0	0.004	0.12	0.54	1.5	1	0.9	586	0.23	0.11	2.46	0.074	0.28	3.9
S052251		1.4	0.7	<0.002	0.01	0.14	0.1	<1	<0.2	50.5	<0.05	<0.05	0.12	<0.005	<0.02	1.7
S052252		16.5	59.1	0.003	0.10	0.45	1.2	<1	0.9	677	0.21	0.05	1.87	0.060	0.26	3.3
S052253		13.2	72.1	0.002	0.09	0.47	1.0	<1	1.0	554	0.20	<0.05	2.40	0.058	0.27	2.8
S052254		13.1	71.9	<0.002	0.09	0.50	1.1	<1	1.0	576	0.22	<0.05	2.27	0.057	0.25	2.1
S052255		12.7	61.3	<0.002	0.08	0.40	0.9	<1	0.9	582	0.18	<0.05	2.56	0.053	0.22	2.0
S052256		14.2	64.0	<0.002	0.09	0.49	1.0	<1	0.9	567	0.20	<0.05	2.76	0.054	0.23	2.0
S052257		14.6	71.0	<0.002	0.09	0.49	1.2	<1	1.0	553	0.22	<0.05	2.69	0.057	0.26	1.6
S052258		13.5	63.6	<0.002	0.06	0.55	1.1	<1	0.9	865	0.21	<0.05	1.88	0.061	0.23	1.4
S052259		13.0	53.8	<0.002	0.06	0.48	0.9	<1	0.9	1020	0.19	<0.05	1.33	0.055	0.21	1.8
S052260		12.0	55.8	0.004	0.07	0.42	1.1	<1	0.9	563	0.20	<0.05	1.95	0.055	0.21	2.0
S052261		14.0	57.2	<0.002	0.07	0.50	1.1	<1	1.1	640	0.21	<0.05	1.85	0.058	0.24	1.5
S052262		11.3	75.0	<0.002	0.07	0.42	0.8	<1	0.9	457	0.17	<0.05	2.03	0.048	0.30	1.2
S052263		11.9	68.0	<0.002	0.08	0.45	0.9	<1	1.1	532	0.20	<0.05	2.35	0.053	0.25	1.0
S052264		11.2	76.1	<0.002	0.07	0.44	1.0	<1	1.0	411	0.22	<0.05	3.37	0.055	0.32	1.7
S052265		9100	17.9	0.018	6.50	31.2	11.5	15	7.2	155.5	0.21	0.61	2.51	0.210	2.62	5.3
S052266		14.8	75.2	<0.002	0.08	0.36	0.9	<1	0.9	504	0.22	<0.05	2.89	0.053	0.28	1.3
S052267		13.3	58.9	<0.002	0.08	0.34	0.9	<1	0.9	708	0.21	<0.05	2.55	0.054	0.23	1.0
S052268		13.2	59.3	<0.002	0.08	0.38	0.9	<1	0.9	708	0.20	<0.05	2.71	0.052	0.23	1.0
S052269		13.4	75.9	<0.002	0.08	0.48	0.8	<1	0.9	510	0.21	0.08	2.51	0.052	0.32	1.7
S052270		16.7	77.3	0.005	0.10	0.67	1.0	<1	1.0	504	0.24	0.05	2.89	0.059	0.33	2.5
S052271		12.1	67.7	0.031	0.70	2.28	11.8	3	2.6	650	0.28	1.80	3.07	0.272	0.31	14.0
S052272		21.9	63.7	0.018	1.09	2.03	11.1	3	1.1	822	0.38	0.30	3.39	0.303	0.30	6.3
S052273		77.2	44.1	2.59	5.65	56.3	14.8	19	1.7	296	0.30	1.86	1.60	0.349	0.58	1.4
S052274		4.7	72.4	0.023	1.40	1.66	16.1	4	1.0	988	0.41	0.45	5.32	0.341	0.40	7.4
S052275		10.6	91.2	0.006	0.43	1.24	12.9	2	1.1	792	0.52	0.23	6.02	0.332	0.43	7.6
S052276		11.7	80.2	0.002	0.14	0.87	3.1	1	1.2	1035	0.66	<0.05	10.25	0.219	0.28	5.8
S052277		1.1	0.7	<0.002	<0.01	0.33	0.1	1	<0.2	49.2	<0.05	<0.05	0.07	<0.005	<0.02	0.7
S052278		12.7	78.3	0.004	0.22	0.89	2.7	1	1.1	999	0.63	<0.05	9.69	0.206	0.27	6.4

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Finalized Date: 11-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16153185

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Au-ICP21
	Analyte	V	W	Y	Zn	Zr	Au
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5	0.001
S052245		251	2.4	21.5	26	57.7	0.019
S052246		31	1.4	4.0	15	77.0	<0.001
S052247		28	1.2	3.5	15	64.6	<0.001
S052248		58	2.2	4.1	24	81.4	<0.001
S052249		28	1.6	2.6	13	71.2	<0.001
S052250		47	2.5	3.1	15	70.5	0.002
S052251		2	0.1	0.7	16	<0.5	<0.001
S052252		40	2.3	2.6	16	72.2	0.001
S052253		40	1.6	2.8	13	69.5	<0.001
S052254		32	1.8	3.1	13	72.9	0.001
S052255		27	1.2	2.6	13	66.3	<0.001
S052256		29	1.5	3.4	14	68.1	<0.001
S052257		31	1.6	3.2	14	71.0	<0.001
S052258		28	1.2	2.5	12	68.2	<0.001
S052259		28	1.1	2.6	14	66.9	<0.001
S052260		26	1.1	2.4	14	62.6	<0.001
S052261		29	1.4	2.6	13	64.9	<0.001
S052262		29	2.0	2.8	12	56.8	<0.001
S052263		27	2.4	3.0	13	63.5	<0.001
S052264		55	1.8	3.4	16	82.5	<0.001
S052265		409	6.7	11.0	8410	24.6	1.625
S052266		32	2.0	3.1	17	67.7	<0.001
S052267		29	1.4	3.1	15	64.4	<0.001
S052268		30	1.3	3.3	15	64.6	<0.001
S052269		35	2.6	2.9	11	61.0	<0.001
S052270		37	3.1	3.2	13	64.1	0.001
S052271		448	3.7	14.1	61	57.1	0.979
S052272		220	3.2	14.6	46	58.2	0.015
S052273		151	6.0	15.6	158	37.0	7.95
S052274		355	3.5	21.4	42	61.9	0.144
S052275		205	4.4	15.5	35	69.2	0.130
S052276		83	3.4	12.7	27	138.0	0.006
S052277		2	0.1	0.7	15	<0.5	0.001
S052278		87	2.3	10.7	27	134.0	0.002

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

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

Project: MARS

Finalized Date: 11-OCT-2016
Account: MTT

CERTIFICATE OF ANALYSIS WH16153185

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	CRU-31	CRU-QC	Cu-OG62
LOG-21	LOG-21d	LOG-23	ME-MS61
ME-OG62	PUL-31	PUL-31d	PUL-QC
SPL-21	SPL-21d	WEI-21	

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Finalized Date: 4-OCT-2016
Account: MTT

CERTIFICATE WH16150701

Project: MARS

This report is for 1 Soil sample submitted to our lab in Whitehorse, YT, Canada on 8-SEP-2016.

The following have access to data associated with this certificate:

HEATHER BURRELL	JOAN MARIACHER	

SAMPLE PREPARATION

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

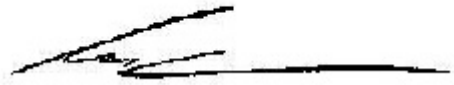
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 4-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16150701

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ114386		0.28	0.001	0.44	1.55	8.6	<0.2	<10	380	0.69	0.17	0.71	0.18	26.8	10.8	34

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Finalized Date: 4-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16150701

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ114386		0.83	81.7	2.72	5.28	0.11	0.02	0.09	0.030	0.07	20.2	14.0	0.54	367	1.59	0.01

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Finalized Date: 4-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16150701

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ114386		0.78	45.7	540	8.3	10.4	0.001	0.02	0.55	9.9	1.1	0.4	47.7	<0.01	0.02	1.5

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Finalized Date: 4-OCT-2016
Account: MTT

Project: MARS

CERTIFICATE OF ANALYSIS WH16150701

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ114386		0.044	0.13	1.82	59	0.21	21.3	61	0.6

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Project: MARS

Finalized Date: 4-OCT-2016
Account: MTT

CERTIFICATE OF ANALYSIS WH16150701

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	LOG-22	ME-MS41	SCR-41
WEI-21			

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VANCOUVER BC V6B 1L8

Finalized Date: 12-NOV-2016
Account: MTT

CERTIFICATE WH16193260

Project: Mars

This report is for 7 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-NOV-2016.

The following have access to data associated with this certificate:

HEATHER BURRELL	MATT DUMALA	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA13	Au by cyanide leach and AAS	AAS

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.

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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www.alsglobal.com

To: **STRATEGIC METALS LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 12-NOV-2016
Account: MTT

Project: Mars

CERTIFICATE OF ANALYSIS WH16193260

Sample Description	Method Analyte Units LOR	Au-AA13 Au ppm 0.03
S052065		1.65
S052067		0.34
S052068		0.58
S052071		0.44
S052072		0.24
S052073		0.40
S052074		0.42

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

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

Project: Mars

Finalized Date: 12-NOV-2016
Account: MTT

CERTIFICATE OF ANALYSIS WH16193260

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA13 FND-02

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: **STRATEGIC METALS LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 12-NOV-2016
Account: MTT

CERTIFICATE WH16193285

Project: Mars

This report is for 3 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-NOV-2016.

The following have access to data associated with this certificate:

HEATHER BURRELL	MATT DUMALA	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

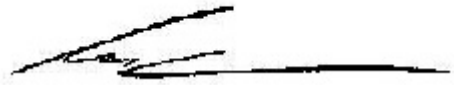
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA13	Au by cyanide leach and AAS	AAS

To: **STRATEGIC METALS LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 12-NOV-2016
Account: MTT

Project: Mars

CERTIFICATE OF ANALYSIS WH16193285

Sample Description	Method Analyte Units LOR	Au-AA13 Au ppm 0.03
S052107		0.23
S052108		0.80
S052109		0.18

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

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Project: Mars

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 12-NOV-2016
Account: MTT

CERTIFICATE OF ANALYSIS WH16193285

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:		
	Au-AA13	FND-02

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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VANCOUVER BC V6B 1L8

Finalized Date: 12-NOV-2016
Account: MTT

CERTIFICATE WH16193295

Project: Mars

This report is for 1 Drill Core sample submitted to our lab in Whitehorse, YT, Canada on 8-NOV-2016.

The following have access to data associated with this certificate:

HEATHER BURRELL	MATT DUMALA	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA13	Au by cyanide leach and AAS	AAS

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

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 12-NOV-2016
Account: MTT

Project: Mars

CERTIFICATE OF ANALYSIS WH16193295

Sample Description	Method Analyte Units LOR	Au-AA13 Au ppm 0.03
S052271		0.81

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

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Project: Mars

Finalized Date: 12-NOV-2016
Account: MTT

CERTIFICATE OF ANALYSIS WH16193295

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA13 FND-02

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Finalized Date: 12-NOV-2016
Account: MTT

CERTIFICATE WH16193288

Project: Mars

This report is for 6 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-NOV-2016.

The following have access to data associated with this certificate:

HEATHER BURRELL	MATT DUMALA	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

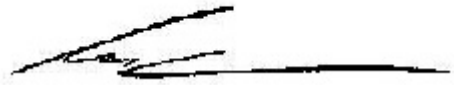
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA13	Au by cyanide leach and AAS	AAS

To: **STRATEGIC METALS LTD.**
ATTN: JOAN MARIACHER
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Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 12-NOV-2016
Account: MTT

Project: Mars

CERTIFICATE OF ANALYSIS WH16193288

Sample Description	Method Analyte Units LOR	Au-AA13 Au ppm 0.03
S052224		0.47
S052225		0.40
S052226		1.84
S052228		0.19
S052234		0.55
S052235		0.35

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VANCOUVER BC V6B 1L8

Project: Mars

Finalized Date: 12-NOV-2016
Account: MTT

CERTIFICATE OF ANALYSIS WH16193288

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA13 FND-02

APPENDIX IV

ROCK SAMPLE DESCRIPTIONS

Rock Sample Descriptions Property: Mars

Sample Number:	M676361	UTM:	511195	mE	Nad83, Zone 8
Elevation:	1375 m	UTM:	6795489	mN	
Comments:	Up to 10 cm wide chip sample with magnetite seams at 6 per 10 cm within strongly propylitic altered hornblende monzonite with trace blebby pyrite disseminated.				

Sample Number:	M676362	UTM:	511157	mE	Nad83, Zone 8
Elevation:	1368 m	UTM:	6795556	mN	
Comments:	30 cm wide chip sample across magnetite-pyrite-chalcopyrite-quartz vein with moderate malachite staining on surface. Historical sample taken here.				

Sample Number:	M676363	UTM:	511158	mE	Nad83, Zone 8
Elevation:	1366 m	UTM:	6795551	mN	
Comments:	Dark grey granular quartz vein with minor limonite pits within fine grained to medium grained hornblende monzonite in area of strong magnetite veining				

Sample Number:	M676364	UTM:	511197	mE	Nad83, Zone 8
Elevation:	1376 m	UTM:	6795548	mN	
Comments:	TR-16-01 From North to South: 1.5-1.7 m - Semi-massive magnetite vein 20 cm wide with trace malachite along fractures. Magnetite-pyrite-chalcopyrite-actinolite vein with seams within monzonite with k-spar selvages.				

Sample Number:	M676365	UTM:	511196	mE	Nad83, Zone 8
Elevation:	1375 m	UTM:	6795552	mN	
Comments:	TR-16-01 From North to South: 0-1.5 m - Medium grained hornblende monzonite with weak to moderate magnetite veinlets and weak k-spar alteration.				

Sample Number:	M676366	UTM:	511186	mE	Nad83, Zone 8
Elevation:	1373 m	UTM:	6795549	mN	
Comments:	TR-16-01 From North to South: 1.70 - 4.5 m - Medium grained hornblende monzonite with weak magnetite veinlets.				

Rock Sample Descriptions Property: Mars

Sample Number:	M676367	UTM:	511187	mE	Nad83, Zone 8
Elevation:	1371 m	UTM:	6795544	mN	
Comments:	TR-16-01 From North to South: 4.5-7.5 m - Medium grained hornblende monzonite with weak magnetite veinlets				

Sample Number:	M676368	UTM:	511187	mE	Nad83, Zone 8
Elevation:	1370 m	UTM:	6795541	mN	
Comments:	TR-16-01 From North to South: 7.5-10.5 m - Medium grained hornblende monzonite with weak magnetite veinlets. A 15 cm wide magnetite vein occurs in this interval and hosts moderate malachite staining and trace cp.				

Sample Number:	M676369	UTM:	511188	mE	Nad83, Zone 8
Elevation:	1368 m	UTM:	6795539	mN	
Comments:	TR-16-01 From North to South: 10.5-12.9 m - Medium grained hornblende monzonite with weak magnetite veinlets. Interval hosts a 20 cm wide zone of strong purple weathering, possibly due to pyrite.				

Sample Number:	M676370	UTM:	511188	mE	Nad83, Zone 8
Elevation:	1366 m	UTM:	6795534	mN	
Comments:	TR-16-01 From North to South: 10.5-12.9 m - Strongly oxidized and broken up interval of intermittent skarn and shale with moderate malachite staining at the contact with the fault.				

Sample Number:	M676371	UTM:	511188	mE	Nad83, Zone 8
Elevation:	1366 m	UTM:	6795530	mN	
Comments:	TR-16-01 From North to South: 15.5-17.8 m - Intermittent skarn (up to 50 cm) and greeny-grey shale. No visible mineralization.				

Sample Number:	M676372	UTM:	511187	mE	Nad83, Zone 8
Elevation:	1367 m	UTM:	6795526	mN	
Comments:	TR-16-01 From North to South: 17.8-19.8 - Mostly grey to green shale with trace zones of more skarny material. Moderately silicified.				

Rock Sample Descriptions Property: Mars

Sample Number:	M676373	UTM:	511188 mE	Nad83, Zone 8
Elevation:	1367 m	UTM:	6795524 mN	

Comments: TR-16-01 From North to South: 19.8-21.80 - Mostly grey to green shale. Moderately silicified.

APPENDIX V

GEOLOGICAL AND GEOTECHNICAL LOGS

Mars - Mars

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
					137.16

ZONE: Unknown

SECTION:

HOLE: MAR-16-001

CLAIM:

Contractor: Beaudoin

Drill: 1

Core Size: NTW

Casing Depth: 3.05m, Out

Drilling Dates: Aug 29 - Aug 30, 2016

Geology Logged By: J. Morton

SURVEY			
Depth (m)	Azimuth	Dip	Method
15.24	321.4	-55.7	Reflex
137.16	352.9	-34.4	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	10.61	10.61	PMO
10.61	13.3	2.69	SLT
13.3	26.37	13.07	PMO
26.37	28.92	2.55	PMO
28.92	36.72	7.8	SLT
36.72	47.24	10.52	PMO
47.24	53.91	6.67	SLT
53.91	54.44	0.53	PMO
54.44	56.67	2.23	SLT
56.67	63.68	7.01	SLT
63.68	64.15	0.47	PMO
64.15	67.89	3.74	SLT
67.89	71.46	3.57	PMO
71.46	76.8	5.34	SLT
76.8	79.14	2.34	PMO
79.14	79.19	0.05	FLT

SAMPLES	
Numbers:	S052065 to S052147
Total:	83
Batch:	003, 004, 005
Certificates:	WH16149288, WH16150705, WH16153142

COMMENTS

All Standards entered as 4D are actually CDN CGS-20. Do not know how to add to database.

Me-16 is CDN ME-16

79.19	87.18	7.99	PMO
87.18	89.29	2.11	SLT
89.29	92.91	3.62	PMO
92.91	98.25	5.34	FLT
98.25	99.23	0.98	DYK
99.23	113.7	14.47	HBS
113.7	114.1	0.4	HBS
114.1	115.95	1.85	HBS
115.95	127.38	11.43	SLT
127.38	133.8	6.42	PMO
133.8	136.53	2.73	SLT
136.53	137.16	0.63	HBS

Box Log

MAR-16-001

Mars

Unknown Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	0	3.38
2	3.38	6.5
3	6.5	9.61
4	9.61	13.3
5	13.3	16.95
6	16.95	19.78
7	19.78	23.59
8	23.59	26.37
9	26.37	30.63
10	30.63	34.29
11	34.29	38
12	38	41.61
13	41.61	45.65
14	45.65	49.44
15	49.44	53
16	53	56.67
17	56.67	61.06
18	61.06	65.38
19	65.38	69.55
20	69.55	73.75
21	73.75	77.97
22	77.97	81.95
23	81.95	86.14
24	86.14	90.34
25	90.34	94.32
26	94.32	98
27	98	101.73
28	101.73	105.48
29	105.48	109.7
30	109.7	113.75
31	113.75	116.58
32	116.58	121.92
33	121.92	126.16
34	126.16	130.45
35	130.45	134.57
36	134.57	137.16

Box Number	From (m)	To (m)

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
4.90	5.94	1.04	AND	FG	Patches of weakly potassic alteration within medium to dark grey porphyritic monzonite. Highly fractured throughout.							
						LT	PK	PO	POT	2I		
6.86	7.62	0.76	AND	FG	Bleached white/light grey porphyritic monzonite. Moderate to strong oxidation found along fracture and joint surfaces. Zone hosts disseminated pyrite and small pyrite blebs, along with dendritic manganese. Patches are strongly magnetic around pyrite disseminations suggesting presence of magnetite (not visible)							
						MD	WH				Mg	1
						LT	GY	PO	BLE	2I	Py	1
13.30	24.50	11.20	MNZ	FG	Medium grey porphyritic monzonite with white clasts. Highly fractured in patches. Small stringers of oxidized material with limonite staining throughout.							
						MD	GY	PO				
						MD	OR	FR				
24.50	24.92	0.42	MNZ	FG	Potassic to bleached (albite alteration? Or bleach?) monzonite with oxidation and limonite staining. Manganese blotches found along fractures.							
						LT	TN	PO	POT	2I		
						LT	PK					
						LT	OR					
28.46	28.92	0.46	MNZ	FG	Weakly potassic altered porphyritic monzonite.							
						LT	PK		POT	2I		
34.80	36.58	1.78	SLT	FG	Siltstone with bands of light white/pink quartz and carbonate stringers. Banding alternates between grey/black/green.							
						MD	BL					
						MD	GN					
						MD	GY					
36.72	47.24	10.52	MNZ	FG	Medium to dark grey porphyritic monzonite with carbonate and quartz stringers and veinlets throughout (all dipping ~60*TCA). Quartz has carbonate intermixed within.							
						MD	GY	PO				
						DK	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
47.24	48.00	0.76	SLT	FG	Dark grey banded mud/siltstone							
						MD	GY					
						DK	GY	BN				
48.00	50.35	2.35	SLT	FG	Light brown oxidized siltstone with oxidation and dendritic manganese staining along fracture surfaces. Highly fractured.							
						LT	BR	BN				
						LT	OR					
50.35	51.44	1.09	SLT	FG	Dark grey to black banded siltstone with small pyrite vein within and disseminated pyrite.							
						MD	BL					
						DK	GY	BN			Py	1
51.44	53.91	2.47	SLT	FG	Light brown oxidized siltstone with oxidation along fracture surfaces.							
						LT	BR	BN				
						LT	OR					
53.91	54.44	0.53	MNZ	FG	Medium to dark grey porphyritic monzonite with carbonate stringers throughout. Chlorite found proximal and in close proximity to stringers. Tan to pinkish carbonate (ankerite?) also present close to chlorite. Minor pyrite found disseminated within chlorite/carbonate stringers.							
						MD	GY	PO			Py	1
						DK	GY					
54.44	56.67	2.23	SLT	FG	Dark grey highly banded siltstone with bands alternating between black/grey/brown. Blue clay (demorturite?) found along both fracture surfaces and within lighter grey banding, carrying disseminated pyrite within.							
						LT	BL					
						DK	GY				Py	2
63.48	63.68	0.20	SLT	FG	Light grey to white clays and siltstone with pyrite within. Along siltstone/porphyritic monzonite boundary.							
						MD	WH					
						LT	GY	BN			Py	1
64.15	67.89	3.74	SLT	FG	Banded dark grey mudstone with carbonate and chlorite stringers throughout. Pyrite present within sporadically in minor disseminations.							
						MD	GY	BN			Py	1
						MD	GN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
67.89	71.46	3.57	AND	FG	Medium green to grey porphyritic monzonite displaying weak chloritization. Small xenoliths and dark green clasts of chlorite found within. Carbonate stringers present throughout along with small blebs of quartz sporadically within.							
						MD	GN	PO	CHL	2I		
						MD	GY					
71.46	76.80	5.34	SLT	FG	Banded siltstone alternating between grey/black/green banded layers. Chloritization present throughout. Carbonate stringers and veinlets with both blebs and disseminated chlorite found associated with carbonate veining. Pyrite present within siltsone along carbonate and chlorite veinlets. Quartz blebs (similar to previously) found within.							
						MD	GN	BN	CHL	3I		
						MD	GY	AN	CHL	2I	Py	3
						MD	BL					
76.80	79.14	2.34	AND	FG	Chloritized Medium to dark grey porphyritic monzonite with with white clasts and carbonate veinlets throughout. Chlorite stringers present.							
						LT	GN	PO	CHL	2I		
79.14	79.19	0.05	FLT	--	5cm fault/shear zone of brown/light reddish clays. Found between porphyritic monzonite intrusions. Contact is brown and oxidized.							
						LT	BR		CLY	4I		
						LT	RD					
79.19	84.10	4.91	MNZ	FG	chloritized porphyritic monzonite with patchy potassic alteration throughout. Potassic alteration appears stronger towards fault zone along upper selvedge. Oxidation found in patches. Chlorite and carbonate veinlets crosscut monzonite throughout.							
						MD	GN		CHL	2I		
						LT	PK		CHL	3I		
						LT	OR		POT	2I		
									OXI	2I		
84.10	87.18	3.08	MNZ	FG	Chloritized porphyry with patchy weak oxidation along fracture faces.							
						LT	OR		OXI	2I		
						LT	GN		CHL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
87.18	89.29	2.11	SLT	FG	Banded siltstone with alternating grey/green/brown bands. Carbonate veins and blebs of quartz found crosscutting within, with sporadic red hematite staining found along carbonate veining and quartz blebs. Quartz blebs resemble patchy quartz flooding. Siltstones display weak to moderate silicification.							
						MD	GY	BN	SIL	2I	He	2
						MD	GN		SIL	3I		
						MD	BR					
92.00	92.51	0.51	MNZ	FG	Light brown to orange porphyritic monzonite with barren quartz veins throughout. Very weak green alteration seen in small patches.							
						LT	GN	PO				
						LT	OR					
94.00	94.39	0.39	FLT	--	Highly fractured zone of oxidized porphyrytic monzonite with clay gouge found along fracture surfaces.							
						LT	OR	FR	OXI	2I		
						LT	PK		POT	2I		
94.57	94.71	0.14	FLT	--	Highly fracturedlight brown to pink porphyritic monzonite with small quartz/carbonate veins present. Weak clay found along fracture faces.							
						LT	OR	FR	OXI	2I		
						LT	PK		POT	1I		
95.39	96.29	0.90	MNZ	FG	Porphyritic monzonite displaying patches of potassic alteration, chloritization, and oxidation. Quartz veins found within monzonite running throughout, along with numerous carbonate stringers. Limonite staining present along fracture faces, as well as hematite found sporadically throughout quartz veining.							
						LT	GN	PO	POT	2I	He	1
						LT	OR	FR	POT	3I		
						LT	PK		SIL	2I		
									CHL	2I		
96.43	97.04	0.61	FLT	--	Highly fractured potassic porphyritic monzonite. Clay found along fracture surfaces.							
						LT	PK	FR	POT	2I		
						LT	OR		OXI	2I		
98.90	99.17	0.27	FLT	--	Highly fractured and oxidized zone of mafic dyke(?) with limonite staining along fracture surfaces. Possible fault zone.							
						MD	OR		OXI	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	OR	FR	OXI	2I		
99.17	99.23	0.06	FLT	--	Clay gouged zone of dark mafic dyke with fractures around. Possible fault zone.							
						LT	OR		CLY	3I		
									CLY	4I		
99.23	99.90	0.67	HBS	FG	Patchy oxidized hornfels with quartz veining within							
						MD	GY					
						LT	OR					
						LT	GY		OXI	2I		
100.50	100.82	0.32	HBS	FG	Chloritized hornfels zone with carbonate stringers throughout. Red hematite staining present alongside carbonate stringers throughout. Vein of apple green, soft mineral (talc? Or Chlorite) within.							
						MD	RD		HEM	2I		
						LT	GN		CHL	2I		
									CHL	3I		
									HEM	3I		
103.04	104.60	1.56	HBS	FG	Grey hornfels with patchy oxidization. Minor carbonate veinlets wtihin. Quartz veining present, with heavy chlorite formation in close proximity.							
						LT	OR		OXI	2I		
						LT	GY					
108.40	113.70	5.30	HBS	FG	Patchy potassic/chloritized hornfels. Carbonate and quartz veining present but not as significant as previously. Contains a small zone of strongly oxidized and bleached (albite alteration?) hornfels with limonite throughout (112.16-112.67)							
						LT	PK		CHL	2I		
						LT	GN		POT	2I		
						LT	GY					
113.70	114.10	0.40	HBS	FG	Strongly potassic altered hornfels with banded hematite alteration and quartz veining along each selvedge of the mineralized rock. Quartz veining along each selvege of potassic hornfels hosts disseminated to small blebs of magnetite and pyrite within. Carbonate veining found throughout.							
						MD	BR		POT	4I	Py	5
						DK	RD		POT	3I	Mg	6
									HEM	4I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
									OXI	3I		
									HEM	3I		
114.10	115.95	1.85	HBS	FG	Highly fractured and mottled grey/dark green hornfels. Small clasts of white quartz found within (flooding texture). Hematite staining present, along with weak carbonate along occasional fractures.							
						LT	GY	FR	CHL	2I		
						DK	GN		CHL	3I		
125.53	126.16	0.63	MNZ	FG	Small intrusion of chloritic monzonite within banded siltstone. Carbonate / chlorite veinlets throughout.							
						LT	GN					
127.38	133.80	6.42	AND	FG	Fine grained porphyritic monzonite with chlorite overprinting. Patches of highly potassic k-spar alteration present, replacing monzonite. Quartz and carbonate veining present throughout, but no veining present within potassic alteration.							
						LT	PK		POT	3I		
						LT	GN		CHL	3I		
133.80	136.53	2.73	SLT	FG	Black banded siltstone with carbonate stringers throughout. Minor pyrite found along fracture faces, along with soft silvery mineral (sheared chlorite? Molybdenite?)							
						DK	BL	BN			mo	0.1
						DK	GY				Py	2
136.53	137.16	0.63	HBS	FG	Unaltered hornfels with minor quartz veinlets.							
						MD	GY					
						LT	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	10.61	10.61	PMO	FG	Medium to dark grey porphyry (porphyritic monzonite?) with light grey to white clasts. Highly fractured intervals throughout. Small zones of weak potassic alteration and bleached white intervals present as well as present oxidation along fracture surfaces. Trace disseminated pyrite and magnetite found sporadically throughout.							
						DK	GY		BLE	2I	Mg	0.1
						LT	PK					
						LT	OR					
						MD	OR					
						MD	GY	PO	POT	2I	Py	0.1
10.61	13.30	2.69	SLT	FG	Banded mud/siltstone with strong oxidation along fracture and joint faces. Hosts disseminated and small blebs of pyrite, along with dendritic manganese present. Patches are strongly magnetic around pyrite mineralization suggesting possible presence of magnetite, but not visible.							
						LT	BL	BN	OXI	3I	Py	1
						MD	GY				Py	1
						DK	GY				Mg	1
13.30	26.37	13.07	PMO	FG	Medium grey porphyritic monzonite with white clasts. Highly fractured in patches and contains patches of bleached (albite alteration?) to potassic alteration. Small stringers of oxidized material with limonite staining throughout.							
						LT	PK	FR	BLE	2I	Py	1
						LT	TN	PO	POT	2I	Py	2
26.37	28.92	2.55	PMO	FG	medium grey porphyritic monzonite with carbonate stringers throughout. Fracture and joint surfaces have limonite sporadically within.							
						LT	OR	FR	OXI	2I		
28.92	36.72	7.80	SLT	FG	Banded mudstone with moderate fractures. Banding alternates between grey/black/dark green/light white. Pink. Banding has white to pink quartz(?) bands within. Carbonate stringers found crosscutting disseminated pyrite found along carbonate veinlets/stringers.							
						DK	GY	BN				
						DK	GN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	WH					
						MD	PK					
						MD	GY	AN				
36.72	47.24	10.52	PMO	FG	Medium to dark grey porphyritic monzonite with carbonate and quartz stringers and veinlets throughout (all dipping ~60*TCA). Quartz has carbonate intermixed within.							
						MD	GY	AN				
						DK	GY	PO				
47.24	53.91	6.67	SLT	FG	Highly banded siltstones (black/grey/white) with alternating zones of light brown/white and grey banded zones. Dark black mudstone carries small pyrite vein, along with oxidation and limonite staining along fracture surfaces. Lighter white to brown bands display oxidation and are highly fractured, fizzing when scratched showing presence of carbonate within. Carbonate stringers and veinlets throughout.							
						MD	TN					
						MD	GY	BN			Py	5
						LT	BR					
						DK	GY					
						MD	WH					
						MD	BL					
53.91	54.44	0.53	PMO	FG	Medium to dark grey porphyritic monzonite with carbonate stringers throughout. Chlorite found proximal and in close proximity to stringers. Tan to pinkish carbonate (ankerite?) also present close to chlorite. Minor pyrite found disseminated within chlorite/carbonate stringers.							
						MD	GY	PO			Cl	2
						DK	GY				Py	1
54.44	56.67	2.23	SLT	FG	Dark grey highly banded siltstone with bands alternating between black/grey/brown. Blue clay (demorturite?) found along both fracture surfaces and within lighter grey banding, carrying disseminated pyrite within.							
						LT	BL					
						DK	GY	BN			Py	2
						MD	GY					
						LT	GY					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
56.67	63.68	7.01	SLT	FG	Banded dark grey/medium grey to black siltstone with alternating coloured bands. Siltstone carries stringers and veinlets of carbonate with sporadic minor disseminated pyrite throughout.							
						MD	BL					
						DK	GY	BN			Py	1
						MD	GY	AN				
63.68	64.15	0.47	PMO	FG	Medium to dark grey porphyritic monzonite with white clasts throughout. Quartz and carbonate veins/veinlets present within. Found between siltstone layers (finger like intrusion?)							
						MD	GY	PO				
						DK	GY					
64.15	67.89	3.74	SLT	FG	Banded dark grey mudstone with carbonate and chlorite stringers throughout. Pyrite present within sporadically in minor disseminations.							
						MD	GY	BN			Py	1
						MD	GN					
67.89	71.46	3.57	PMO	FG	Medium green to grey porphyritic monzonite displaying weak chloritization. Small xenoliths and dark green clasts of chlorite found within. Carbonate stringers present throughout along with small blebs of quartz sporadically within.							
						MD	GN	PO	CHL	2I		
						MD	GY					
71.46	76.80	5.34	SLT	FG	Banded siltstone alternating between grey/black/green banded layers. Chloritization present throughout. Carbonate stringers and veinlets with both blebs and disseminated chlorite found associated with carbonate veining. Pyrite present within siltsone along carbonate and chlorite veinlets. Quartz blebs (similar to previously) found within.							
						MD	GN	BN	CHL	3I		
						MD	BL					
						MD	GY	AN	CHL	2I	Py	3
76.80	79.14	2.34	PMO	FG	Chloritized Medium to dark grey porphyritic monzonite with with white clasts and carbonate veinlets throughout. Chlorite stringers present.							
						LT	GN	PO	CHL	2I		
79.14	79.19	0.05	FLT	--	5cm fault/shear zone of brown/light reddish clays. Found between porphyritic monzonite intrusions. Contact is brown and oxidized.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	RD					
						LT	BR		CLY	4I		
79.19	87.18	7.99	PMO	FG	Siliceous porphyritic monzonite that displays weak to moderate chloritization. Found after fault/shear zone. Displays potassic alteration and oxidation in sporadic patches. Quartz/carbonate stringers and veinlets found within. Transitions to dark grey porphyritic monzonite with no alteration or mineralization.							
						MD	GN	PO	CHL	2I		
						LT	PK		CHL	3I		
						MD	GY		POT	2I		
									OXI	2I		
87.18	89.29	2.11	SLT	FG	Banded siltstone with alternating grey/green/brown bands. Carbonate veins and blebs of quartz found crosscutting within, with sporadic red hematite staining found along carbonate veining and quartz blebs. Quartz blebs resemble patchy quartz flooding. Siltstones display weak to moderate silicification.							
						MD	GY	BN	SIL	2I	He	2
						MD	GN		SIL	3I		
						MD	BR					
89.29	92.91	3.62	PMO	FG	Chloritized Medium to dark green porphyritic monzonite with quartz and carbonate veins/veinlets crosscutting rock. Hematite staining found within close proximity or distal to carbonate veining and stringers. Pyrite found sporadically throughout as minor disseminations. Interval contains a zone of light brown to orange monzonite with barren quartz veins throughout.							
						LT	OR					
						LT	GN	PO	OXI	2I	He	2
						MD	GN		OXI	3I		
						LT	BR		CHL	3I		
						LT	GY		CHL	2I		
92.91	98.25	5.34	FLT	--	Fine grained light brown to pink monzonite that has been highly fractured with small patches of competent rock within. Fractured intervals carry clays. Two potential fault zones within interval. Quartz veining present within, carrying minor carbonate and appear weakly magnetic although no trace of magnetite is seen.							
						LT	OR	FR	POT	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	BR		OXI	2I		
98.25	99.23	0.98	DYK	FG	Fine grained dark grey mafic dyke (Lamprophyre?). Dyke carries carbonate stringers/veinlets throughout, which display oxidation and disseminated hematite along the outer selveges of the interval at dyke contacts. Dyke transitions to highly oxidized and fractured rock with patches of soft clay. Potentially a post/syn fault dyke??							
						DK	GY		OXI	2I	He	3
99.23	113.70	14.47	HBS	FG	Light to medium grey fine grained rock (Hornfels?). Numerous quartz/carbonate veins, veinlets, and stringers (ranging from >1 to <0.5cm width) throughout with chlorite present distal to veining. Hornfels displays weak chloritization and patchy weak to moderate potassic alteration throughout length. Hematite is found within quartz and carbonate veining sporadically, along with patchy oxidation.							
									POT	3I		
						LT	GN		POT	2I	Cl	3
						LT	GY		CHL	2I		
						MD	GY		SIL	1I		
113.70	114.10	0.40	HBS	FG	Strongly potassic altered hornfels with banded hematite alteration and quartz veining along each selvedge of the mineralized rock. Quartz veining along each selvege of potassic hornfels hosts disseminated to small blebs of magnetite and pyrite within. Carbonate veining found throughout.							
						DK	RD		POT	3I	Mg	6
						MD	BR		POT	4I	Py	5
									OXI	3I		
									HEM	3I		
									HEM	4I		
114.10	115.95	1.85	HBS	FG	Highly fractured and mottled grey/dark green hornfels. Small clasts of white quartz found within (flooding texture). Hematite staining present, along with weak carbonate along occasional fractures.							
						DK	GN		CHL	3I		
						LT	GY	FR	CHL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
115.95	127.38	11.43	SLT	FG	Light grey to black banded siltstone with carbonate and chlorite stringers/veinlets crusscutting throughout. Transitions to weakly chloritized and patchy potassic alteration with depth. Minor quartz veining present. Minor pyrite found sporadically disseminated throughout, and hematite present within carbbonate veinlets. Weakly siliceous.							
						MD	GY		CHL	3I	He	2
						MD	BL		POT	2I	Py	3
									POT	3I		
						LT	GY	BN	CHL	2I	Cl	4
127.38	133.80	6.42	PMO	FG	Fine grained porphyritic monzonite with chlorite overprinting. Patches of highly potassic k-spar alteration present, replacing monzonite. Quartz and carbonate veining present throughout, but no veining present within potassic alteration.							
						LT	PK		POT	3I		
						LT	GN		CHL	3I		
133.80	136.53	2.73	SLT	FG	Black banded siltstone with carbonate stringers throughout. Minor pyrite found along fracture faces, along with soft silvery mineral (sheared chlorite? Molybdenite?)							
						DK	BL	BN			mo	0.1
						DK	GY				Py	2
136.53	137.16	0.63	HBS	FG	Unaltered hornfels with minor quartz veinlets.							
						LT	GY					
						MD	GY					

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	1.52	1.52	1.52	100	0.00	0	0R	4H	2W	
1.52	3.05	1.53	1.53	100	0.28	18	0R	4H	3W	
3.05	4.57	1.52	1.52	100	0.66	43	1R	4H	2W	
4.57	6.10	1.53	1.53	100	0.00	0	0R	3H	4W	
6.10	6.86	0.76	0.6	79	0.00	0	0R	3H	3W	
6.86	7.62	0.76	0.72	95	0.15	20	0R	3H	4W	
7.62	8.34	0.72	0.72	100	0.00	0	0R	3H	4W	
8.34	10.06	1.72	1.15	67	0.00	0	0R	4H	3W	
10.06	10.67	0.61	0.61	100	0.00	0	0R	3H	4W	
10.67	12.19	1.52	1.1	72	0.28	18	0R	4H	3W	
12.19	12.80	0.61	0.61	100	0.00	0	0R	3H	3W	
12.80	13.72	0.92	0.77	84	0.00	0	0R	4H	3W	
13.72	14.63	0.91	0.74	81	0.00	0	0R	4H	3W	
14.63	16.15	1.52	1.36	89	0.24	16	0R	4H	3W	
16.15	17.37	1.22	1.08	89	0.00	0	0R	4H	3W	
17.37	18.59	1.22	0.99	81	0.00	0	0R	4H	3W	
18.59	19.20	0.61	0.61	100	0.00	0	0R	3H	2W	
19.20	20.73	1.53	1.39	91	0.22	14	0R	4H	2W	
20.73	21.95	1.22	1.03	84	0.42	34	0R	4H	3W	
21.95	23.47	1.52	1.37	90	0.40	26	0R	4H	2W	
23.47	24.38	0.91	0.87	96	0.69	76	0R	4H	2W	
24.38	25.91	1.53	1.5	98	0.37	24	1R	4H	3W	
25.91	27.43	1.52	1.52	100	0.85	56	1R	4H	2W	
27.43	28.96	1.53	1.48	97	0.48	31	0R	3H	2W	
28.96	29.72	0.76	0.73	96	0.16	21	1R	3H	2W	
29.72	30.48	0.76	0.76	100	0.12	16	0R	3H	2W	
30.48	31.70	1.22	1.14	93	0.22	18	0R	3H	2W	
31.70	32.92	1.22	1.22	100	0.21	17	0R	3H	2W	
32.92	35.05	2.13	2.06	97	0.51	24	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
35.05	35.36	0.31	0.31	100	0.16	52	0R	3H	1W	
35.36	36.58	1.22	1.22	100	0.44	36	1R	3H	1W	
36.58	38.10	1.52	1.52	100	0.51	34	0R	3H	2W	
38.10	39.62	1.52	1.52	100	0.77	51	1R	3H	1W	
39.62	41.15	1.53	1.52	99	0.60	39	1R	3H	1W	
41.15	42.67	1.52	1.52	100	0.60	39	1R	3H	1W	
42.67	44.20	1.53	1.52	99	1.35	88	1R	3H	1W	
44.20	45.72	1.52	1.52	100	0.92	61	1R	3H	1W	
45.72	47.24	1.52	1.52	100	1.10	72	1R	3H	1W	
47.24	48.77	1.53	1.49	97	0.68	44	2R	2H	1W	
48.77	50.29	1.52	1.52	100	0.22	14	0R	2H	1W	
50.29	51.82	1.53	1.52	99	0.79	52	0R	2H	1W	
51.82	53.34	1.52	1.49	98	0.00	0	0R	2H	1W	
53.34	54.86	1.52	1.51	99	0.46	30	1R	2H	1W	
54.86	56.39	1.53	1.25	82	0.46	30	0R	3H	1W	
56.39	59.44	3.05	3.02	99	1.80	59	1R	3H	1W	
59.44	62.48	3.04	2.97	98	1.91	63	1R	4H	1W	
62.48	65.53	3.05	2.9	95	2.57	84	1R	3H	1W	
65.53	68.58	3.05	2.92	96	2.18	71	0R	4H	1W	
68.58	71.63	3.05	3.04	100	2.73	90	1R	4H	1W	
71.63	74.68	3.05	3.03	99	2.54	83	1R	4H	1W	
74.68	77.72	3.04	2.97	98	2.24	74	1R	4H	1W	
77.72	80.77	3.05	3	98	1.92	63	1R	3H	1W	
80.77	83.82	3.05	3.05	100	2.57	84	1R	3H	1W	
83.82	86.87	3.05	3.05	100	2.25	74	1R	4H	1W	
86.87	89.92	3.05	3.03	99	2.01	66	1R	4H	1W	
89.92	92.97	3.05	2.91	95	1.82	60	1R	4H	1W	
92.97	94.49	1.52	1.52	100	0.25	16	1R	4H	1W	
94.49	97.54	3.05	3.05	100	0.69	23	1R	4H	1W	
97.54	99.06	1.52	1.41	93	0.34	22	1R	3H	1W	
99.06	102.11	3.05	3.05	100	1.01	33	2R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
102.11	105.16	3.05	2.8	92	0.69	23	1R	3H	1W	
105.16	108.20	3.04	3.04	100	2.32	76	1R	3H	1W	
108.20	111.25	3.05	3.05	100	1.91	63	1R	3H	1W	
111.25	114.30	3.05	2.9	95	1.61	53	0R	3H	1W	
114.30	115.82	1.52	1.52	100	0.60	39	0R	3H	1W	
115.82	118.87	3.05	2.83	93	2.13	70	2R	4H	1W	
118.87	121.92	3.05	3.04	100	2.60	85	1R	4H	1W	
121.92	124.97	3.05	2.97	97	2.54	83	1R	4H	1W	
124.97	128.02	3.05	3.02	99	2.27	74	1R	4H	1W	
128.02	131.06	3.04	3.03	100	2.56	84	1R	4H	1W	
131.06	134.11	3.05	3.05	100	2.70	89	1R	4H	1W	
134.11	137.16	3.05	3.05	100	1.45	48	1R	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
1	0	PMO	Rubble
2	0	PMO	Rubble
3	0	PMO	Rubble
4	0	PMO	Rubble
5	0	PMO	Rubble
6	0	PMO	Rubble
7	0	PMO	Rubble
8	0	PMO	Rubble
9	0	PMO	Rubble
10	0	PMO	Rubble
11	0	SLT	Rubble
12	0	SLT	Rubble
13	0	SLT	Rubble
14	0	PMO	Rubble
15	0	PMO	Rubble
16	0	PMO	Rubble
17	0	PMO	Rubble
18	4.87	PMO	
19	4.61	PMO	
20	5.85	PMO	
21	2.91	PMO	
22	4.01	PMO	
23	6.1	PMO	
24	4.48	PMO	
25	5.74	PMO	
26	6.21	PMO	
27	4.37	PMO	
28	2.19	PMO	
29	0.64	SLT	
30	1.1	SLT	
31	0.61	SLT	
32	1.34	SLT	
33	1.29	SLT	
34	0.87	SLT	
35	1.13	SLT	
36	3.13	SLT	
37	2.877	PMO	
38	4.35	PMO	
39	4.17	PMO	
40	4.36	PMO	
41	5.82	PMO	
42	5.94	PMO	
43	6.31	PMO	
44	0.85	PMO	
45	3.3	PMO	
46	2.87	PMO	
47	3.72	PMO	
48	0.81	SLT	
49	0.41	SLT	
50	0.62	SLT	
51	0	SLT	Rubble
52	1.83	SLT	
53	0	SLT	Rubble
54	1.22	PMO	
55	0.05	SLT	
56	0.03	SLT	
57	0.4	SLT	
58	0.91	SLT	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
59	0.6	SLT	
60	0.57	SLT	
61	0.55	SLT	
62	0.53	SLT	
63	0.06	SLT	
64	3.03	PMO	
65	0.72	SLT	
66	0.79	SLT	
67	5.86	SLT	
68	3.05	PMO	
69	0.35	PMO	
70	0.52	PMO	
71	0.71	PMO	
72	0.83	SLT	
73	0.96	SLT	
74	0.28	SLT	
75	0.72	SLT	
76	2.19	SLT	
77	1.37	PMO	
78	4.2	PMO	
79	1.12	PMO	
80	18.21	PMO	
81	5.91	PMO	
82	5.15	PMO	
83	6.49	PMO	
84	7.2	PMO	
85	1.42	PMO	
86	5.56	PMO	
87	4.61	PMO	
88	4.46	SLT	
89	0.08	SLT	

Depth (m)	Magnetic Susceptibility	Unit	Comments
90	2.65	PMO	
91	0.52	PMO	
92	0.57	PMO	
93	0.2	FLT	
94	0.79	FLT	
95	0.3	FLT	
96	0.5	FLT	
97	0.08	FLT	
98	0.17	FLT	
99	0.21	DYK	
100	1.52	HBS	
101	0.36	HBS	
102	0.21	HBS	
103	0.13	HBS	
104	0	HBS	
105	0.31	HBS	
106	0.15	HBS	
107	0.36	HBS	
108	0.1	HBS	
109	0.48	HBS	
110	0.33	HBS	
111	0.49	HBS	
112	0.52	HBS	
113	0.53	HBS	
114	1.76	HBS	
115	0.97	HBS	
116	1.32	SLT	
117	1.12	SLT	
118	0.43	SLT	
119	3.17	SLT	
120	2.52	SLT	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
121	1.31	SLT	
122	0.23	SLT	
123	0.52	SLT	
124	1.32	SLT	
125	2.21	SLT	
126	3.05	SLT	
127	0.15	SLT	
128	3.17	PMO	
129	2.5	PMO	
130	4.7	PMO	
131	1.04	PMO	
132	7.39	PMO	
133	0.57	PMO	
134	1.84	SLT	
135	5.51	SLT	
136	0.06	SLT	
137	0.16	HBS	

Depth (m)	Magnetic Susceptibility	Unit	Comments

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From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	3.05	3.05	-QC-	2.82	92	S052065	☐	16-003			☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052082	☐	16-003			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052085	☐	16-003		ME-16	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052096	☐	16-003		4D	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052111	☐	16-004			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052114	☐	16-004		ME-16	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052120	☐	16-004			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052135	☐	16-004		4D	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052140	☐	16-005			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052070	☐	16-003			☑	☐	☐
3.05	4.57	1.52	PMO	1.52	100	S052066	☐	16-003			☐	☐	☐
4.57	6.86	2.29	PMO	2.14	93	S052067	☐	16-003			☐	☐	☐
6.86	8.00	1.14	PMO	1.10	96	S052068	☐	16-003			☐	☐	☐
8.00	10.67	2.67	PMO	1.97	74	S052069	☐	16-003			☐	☐	☐
10.67	12.19	1.52	SLT	1.10	72	S052071	☐	16-003			☐	☐	☐
12.19	13.30	1.11	SLT	0.98	88	S052072	☐	16-003			☐	☐	☐
13.30	16.15	2.85	SLT, PMO	2.71	95	S052073	☐	16-003			☐	☐	☐
16.15	17.37	1.22	PMO	1.08	89	S052074	☐	16-003			☐	☐	☐
16.15	17.37	1.22	PMO	1.08	89	S052075	☐	16-003			☐	☐	☑
17.37	19.20	1.83	PMO	1.60	87	S052076	☐	16-003			☐	☐	☐
19.20	21.95	2.75	PMO	2.42	88	S052077	☐	16-003			☐	☐	☐
21.95	24.38	2.43	PMO	2.24	92	S052078	☐	16-003			☐	☐	☐
24.38	25.91	1.53	PMO	1.50	98	S052079	☐	16-003			☐	☐	☐
25.91	27.43	1.52	PMO	1.52	100	S052080	☐	16-003			☐	☐	☐
27.43	29.72	2.29	PMO	2.21	97	S052081	☐	16-003			☐	☐	☐
29.72	31.70	1.98	SLT	1.80	91	S052083	☐	16-003			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
31.70	33.83	2.13	SLT	2.01	94	S052084	☐	16-003			☐	☐	☐
33.83	35.36	1.53	SLT	1.44	94	S052086	☐	16-003			☐	☐	☐
35.36	36.58	1.22	SLT	1.22	100	S052087	☐	16-003			☐	☐	☐
36.58	39.62	3.04	SLT	3.04	100	S052088	☐	16-003			☐	☐	☐
39.62	41.61	1.99	PMO	1.96	98	S052089	☐	16-003			☐	☐	☐
41.61	44.20	2.59	PMO	2.59	100	S052090	☐	16-003			☐	☐	☐
44.20	47.24	3.04	PMO	3.04	100	S052091	☐	16-003			☐	☐	☐
44.20	47.24	3.04	PMO	3.04	100	S052092	☐	16-003			☐	☑	☐
47.24	48.77	1.53	PMO, SLT	1.49	97	S052093	☐	16-003			☐	☐	☐
48.77	50.29	1.52	SLT	1.52	100	S052094	☐	16-003			☐	☐	☐
50.29	51.82	1.53	SLT	1.53	100	S052095	☐	16-003			☐	☐	☐
51.82	53.34	1.52	SLT	1.49	98	S052097	☐	16-003			☐	☐	☐
53.34	54.86	1.52	SLT	1.51	99	S052098	☐	16-003			☐	☐	☐
54.86	56.39	1.53	SLT	1.25	82	S052099	☐	16-003			☐	☐	☐
56.39	58.43	2.04	SLT	2.04	100	S052100	☐	16-003			☐	☐	☐
58.43	61.06	2.63	SLT	1.63	62	S052101	☐	16-004			☐	☐	☐
61.06	62.48	1.42	SLT	1.42	100	S052102	☐	16-004			☐	☐	☐
62.48	64.56	2.08	SLT	2.08	100	S052103	☐	16-004			☐	☐	☐
64.56	66.00	1.44	SLT	1.44	100	S052104	☐	16-004			☐	☐	☐
66.00	68.58	2.58	SLT	2.58	100	S052105	☐	16-004			☐	☐	☐
68.58	71.44	2.86	PMO	2.86	100	S052106	☐	16-004			☐	☐	☐
71.44	73.21	1.77	PMO	1.77	100	S052107	☐	16-004			☐	☐	☐
73.21	74.68	1.47	SLT	1.47	100	S052108	☐	16-004			☐	☐	☐
74.68	76.80	2.12	SLT	2.12	100	S052109	☐	16-004			☐	☐	☐
76.80	79.19	2.39	SLT, PMO	2.39	100	S052110	☐	16-004			☐	☐	☐
79.19	80.77	1.58	FLT, PMO	1.53	97	S052112	☐	16-004			☐	☐	☐
80.77	83.82	3.05	PMO	3.05	100	S052113	☐	16-004			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
83.82	86.87	3.05	PMO	3.02	99	S052115	☐	16-004			☐	☐	☐
86.87	88.10	1.23	PMO	1.23	100	S052116	☐	16-004			☐	☐	☐
88.10	89.92	1.82	SLT	1.82	100	S052117	☐	16-004			☐	☐	☐
89.92	92.06	2.14	PMO	1.97	92	S052118	☐	16-004			☐	☐	☐
92.06	94.49	2.43	PMO	2.43	100	S052119	☐	16-004			☐	☐	☐
94.49	96.48	1.99	FLT	1.74	87	S052121	☐	16-004			☐	☐	☐
96.48	98.37	1.89	FLT	1.55	82	S052122	☐	16-004			☐	☐	☐
98.37	99.37	1.00	DYK	1.00	100	S052123	☐	16-004			☐	☐	☐
99.37	102.11	2.74	HBS	1.45	53	S052124	☐	16-004			☐	☐	☐
99.37	102.11	2.74	HBS	1.45	53	S052125	☐	16-004			☐	☑	☐
102.11	103.84	1.73	HBS	1.73	100	S052126	☐	16-004			☐	☐	☐
103.84	105.76	1.92	HBS	1.62	84	S052127	☐	16-004			☐	☐	☐
103.84	105.76	1.92	HBS	1.62	84	S052128	☐	16-004			☐	☐	☑
105.76	108.20	2.44	HBS	2.36	97	S052129	☐	16-004			☐	☐	☐
108.20	109.70	1.50	HBS	1.50	100	S052130	☐	16-004			☐	☐	☐
109.70	112.14	2.44	HBS	2.33	95	S052131	☐	16-004			☐	☐	☐
112.14	114.08	1.94	HBS	1.80	93	S052132	☐	16-004			☐	☐	☐
114.08	116.06	1.98	HBS	1.97	99	S052133	☐	16-004			☐	☐	☐
116.06	118.87	2.81	SLT	2.68	95	S052134	☐	16-004			☐	☐	☐
118.87	121.92	3.05	SLT	3.04	100	S052136	☐	16-004			☐	☐	☐
121.92	123.33	1.41	SLT	1.41	100	S052137	☐	16-005			☐	☐	☐
123.33	125.53	2.20	SLT	2.04	93	S052138	☐	16-005			☐	☐	☐
125.53	126.16	0.63	SLT	0.63	100	S052139	☐	16-005			☐	☐	☐
126.16	127.37	1.21	SLT	1.18	98	S052141	☐	16-005			☐	☐	☐
127.37	129.81	2.44	SLT	2.38	98	S052142	☐	16-005			☐	☐	☐
129.81	131.06	1.25	PMO	1.25	100	S052143	☐	16-005			☐	☐	☐
131.06	133.77	2.71	PMO	2.69	99	S052144	☐	16-005			☐	☐	☐
133.77	136.58	2.81	PMO	2.71	96	S052145	☐	16-005			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
136.58	137.16	0.58	HBS	0.58	100	S052146	☐	16-005			☐	☐	☐
136.58	137.16	0.58	HBS	0.58	100	S052147	☐	16-005			☐	☑	☐

Sample Results

Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
16-003	S052065	0.00	3.05	2.24	2		0	0.4	☐	☐	☐	☐	
16-003	S052070	0.00	0.00	0.00	0		0	0.0	☐	☐	☑	☐	
16-003	S052082	0.00	0.00	0.00	0		0	0.0	☐	☐	☑	☐	
16-003	S052085	0.00	0.00	1.64	145		33	2.3	☐	☐	☐	☑ ME-16	
16-003	S052096	0.00	0.00	7.92	54		56	0.5	☐	☐	☐	☑ 4D	
16-004	S052111	0.00	0.00	0.00	0		0	0.0	☐	☐	☑	☐	
16-004	S052114	0.00	0.00	1.53	136		32	2.5	☐	☐	☐	☑ ME-16	
16-004	S052120	0.00	0.00	0.00	0		0	0.0	☐	☐	☑	☐	
16-004	S052135	0.00	0.00	7.28	55		55	0.6	☐	☐	☐	☑ 4D	
16-005	S052140	0.00	0.00	0.00	0		0	0.0	☐	☐	☑	☐	
16-003	S052066	3.05	4.57	0.04	1		0	0.2	☐	☐	☐	☐	
16-003	S052067	4.57	6.86	0.35	2		0	0.3	☐	☐	☐	☐	
16-003	S052068	6.86	8.00	0.64	5		0	0.4	☐	☐	☐	☐	
16-003	S052069	8.00	10.67	0.05	3		0	0.5	☐	☐	☐	☐	

Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
16-003	S052071	10.67	12.19	0.49	5		0	0.7	☐	☐	☐	☐	
16-003	S052072	12.19	13.30	0.25	6		0	0.4	☐	☐	☐	☐	
16-003	S052073	13.30	16.15	0.48	20		0	0.1	☐	☐	☐	☐	
16-003	S052074	16.15	17.37	0.48	13		0	0.1	☐	☐	☐	☐	
16-003	S052075	16.15	17.37	0.46	13		0	0.1	☐	☑	☐	☐	
16-003	S052076	17.37	19.20	0.11	16		0	0.2	☐	☐	☐	☐	
16-003	S052077	19.20	21.95	0.05	12		0	0.3	☐	☐	☐	☐	
16-003	S052078	21.95	24.38	0.01	12		0	0.3	☐	☐	☐	☐	
16-003	S052079	24.38	25.91	0.01	6		0	0.3	☐	☐	☐	☐	
16-003	S052080	25.91	27.43	0.01	2		0	0.3	☐	☐	☐	☐	
16-003	S052081	27.43	29.72	0.39	4		0	0.3	☐	☐	☐	☐	
16-003	S052083	29.72	31.70	0.05	2		0	0.5	☐	☐	☐	☐	
16-003	S052084	31.70	33.83	0.05	6		0	0.4	☐	☐	☐	☐	
16-003	S052086	33.83	35.36	0.03	3		1	0.3	☐	☐	☐	☐	
16-003	S052087	35.36	36.58	0.07	6		0	0.3	☐	☐	☐	☐	

Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
16-003	S052088	36.58	39.62	0.01	2		0	0.3	☐	☐	☐	☐	
16-003	S052089	39.62	41.61	0.01	2		0	0.2	☐	☐	☐	☐	
16-003	S052090	41.61	44.20	0.00	1		0	0.2	☐	☐	☐	☐	
16-003	S052091	44.20	47.24	0.00	7		0	0.3	☐	☐	☐	☐	
16-003	S052092	44.20	47.24	0.00	6		0	0.2	☑	☐	☐	☐	
16-003	S052093	47.24	48.77	0.01	66		1	0.4	☐	☐	☐	☐	
16-003	S052094	48.77	50.29	0.01	47		1	0.4	☐	☐	☐	☐	
16-003	S052095	50.29	51.82	0.01	17		1	0.6	☐	☐	☐	☐	
16-003	S052097	51.82	53.34	0.01	134		1	0.7	☐	☐	☐	☐	
16-003	S052098	53.34	54.86	0.02	5		0	0.6	☐	☐	☐	☐	
16-003	S052099	54.86	56.39	0.00	13		0	0.7	☐	☐	☐	☐	
16-003	S052100	56.39	58.43	0.03	49		0	0.5	☐	☐	☐	☐	
16-004	S052101	58.43	61.06	0.01	5		0	0.4	☐	☐	☐	☐	
16-004	S052102	61.06	62.48	0.01	5		0	0.8	☐	☐	☐	☐	
16-004	S052103	62.48	64.56	0.02	4		0	0.4	☐	☐	☐	☐	

Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
16-004	S052104	64.56	66.00	0.00	2		0	0.5	☐	☐	☐	☐	
16-004	S052105	66.00	68.58	0.02	3		0	0.4	☐	☐	☐	☐	
16-004	S052106	68.58	71.44	0.02	1		0	0.3	☐	☐	☐	☐	
16-004	S052107	71.44	73.21	0.27	4		0	0.3	☐	☐	☐	☐	
16-004	S052108	73.21	74.68	0.84	4		0	0.2	☐	☐	☐	☐	
16-004	S052109	74.68	76.80	0.20	7		0	0.3	☐	☐	☐	☐	
16-004	S052110	76.80	79.19	0.01	3		0	0.3	☐	☐	☐	☐	
16-004	S052112	79.19	80.77	0.06	2		0	0.3	☐	☐	☐	☐	
16-004	S052113	80.77	83.82	0.25	3		0	0.4	☐	☐	☐	☐	
16-004	S052115	83.82	86.87	0.01	5		0	0.3	☐	☐	☐	☐	
16-004	S052116	86.87	88.10	0.05	22		0	0.4	☐	☐	☐	☐	
16-004	S052117	88.10	89.92	0.06	33		1	0.4	☐	☐	☐	☐	
16-004	S052118	89.92	92.06	0.01	6		0	0.3	☐	☐	☐	☐	
16-004	S052119	92.06	94.49	0.01	2		0	0.3	☐	☐	☐	☐	
16-004	S052121	94.49	96.48	0.00	2		0	0.3	☐	☐	☐	☐	

Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
16-004	S052122	96.48	98.37	0.01	5		0	0.3	☐	☐	☐	☐	
16-004	S052123	98.37	99.37	0.01	11		1	0.3	☐	☐	☐	☐	
16-004	S052124	99.37	102.11	0.01	3		0	0.2	☐	☐	☐	☐	
16-004	S052125	99.37	102.11	0.01	2		0	0.3	☑	☐	☐	☐	
16-004	S052126	102.11	103.84	0.01	4		0	0.3	☐	☐	☐	☐	
16-004	S052127	103.84	105.76	0.00	2		0	0.2	☐	☐	☐	☐	
16-004	S052128	103.84	105.76	0.00	2		0	0.3	☐	☑	☐	☐	
16-004	S052129	105.76	108.20	0.00	2		1	0.2	☐	☐	☐	☐	
16-004	S052130	108.20	109.70	0.01	3		0	0.3	☐	☐	☐	☐	
16-004	S052131	109.70	112.14	0.00	3		0	0.3	☐	☐	☐	☐	
16-004	S052132	112.14	114.08	0.01	3		1	0.3	☐	☐	☐	☐	
16-004	S052133	114.08	116.06	0.01	3		1	0.2	☐	☐	☐	☐	
16-004	S052134	116.06	118.87	0.01	15		1	0.3	☐	☐	☐	☐	
16-004	S052136	118.87	121.92	0.40	5		0	0.4	☐	☐	☐	☐	
16-005	S052137	121.92	123.33	0.07	9		0	0.8	☐	☐	☐	☐	

Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
16-005	S052138	123.33	125.53	0.01	15		0	1.0	☐	☐	☐	☐	
16-005	S052139	125.53	126.16	0.00	5		0	0.4	☐	☐	☐	☐	
16-005	S052141	126.16	127.37	0.01	30		1	1.0	☐	☐	☐	☐	
16-005	S052142	127.37	129.81	0.00	2		2	0.2	☐	☐	☐	☐	
16-005	S052143	129.81	131.06	0.01	4		3	0.3	☐	☐	☐	☐	
16-005	S052144	131.06	133.77	0.01	3		3	0.2	☐	☐	☐	☐	
16-005	S052145	133.77	136.58	0.01	41		2	0.7	☐	☐	☐	☐	
16-005	S052146	136.58	137.16	0.00	2		0	0.2	☐	☐	☐	☐	
16-005	S052147	136.58	137.16	0.00	1		0	0.3	☑	☐	☐	☐	



From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
11.70	11.92	bn		50	NUL	1	Black mudstone hosting disseminated to minor blebby pyrite throughout. Dark green colour found within black mudstone. Pyrite found in stringers and veinlets within. Oxidized stringers with limonite stringers throughout.			
								Py	15	DI
42.00	43.70	VT	37	60	NUL	4	Quartz veinlets crosscutting medium to dark grey porphyry. Approximately 0.4cm width.			
51.12	51.14	VN	37	70	NUL	1	Approximately 1cm band within black mudstone hosting disseminated pyrite. Band carries a light pink halo around the mineralized band. Black mudstone carries minor carbonate stringers throughout.			
								Py	5	DI
53.91	54.44	bn		-	NUL	3	Medium to dark grey porphyry with carbonate stringers throughout. Chlorite found proximal and in close proximity to stringers. Tan to pinkish carbonate (ankerite?) also present close to chlorite within banded mudstones. Attitude varies between 15 and 60*TCA. Pyrite, chlorite and carbonate found within veinlets throughout.			
								Py	1	DI
55.87	55.91	VN	37	80	NUL	1	Bands of light grey mudstones with blue clay (demorturite) present hosting disseminated pyrite within blue clays. Clays found along fractures and within layers. Carbonate present within.			
								Py	1	DI
56.82	58.00	VT	37	-	NUL	20	Numerous small stringers of chlorite and carbonate with minor disseminated pyrite throughout. Found within bleached (?) and chloritized mudstone. Attitudes of stringers vary considerably.			
								Py	2	DI
89.78	89.82	VN	37	15	NUL	1	Shallow dipping 2-4cm quartz vein that is pinching. Hematite overprinting seen throughout most of the vein with minor disseminated pyrite within.			
								He	3	DI
								Py	2	DI

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
100.53	100.57	VN	37	70	NUL	1	Light green and very soft (fingernail scratches) minreal (talc? Chlorite?) within zone of chloritized and hematite stained hornfels.			
104.59	105.78	VN	37	10	NUL	1	Net textured carbonate vein ranging from 1-5cm wide crosscutting grey hornfels at a very shallow angle. Nearly parallel to core axis over a long interval but only 1-5cm wide.			
110.55	110.58	VN	37	55	NUL	1	Soft (fingernail soft), apple green vein of fractured mineral (Talc? Chlorite?) within potasssic and chlorite altered hornels.			
113.70	114.10	VN	37	35	NUL	2	Two quartz veins with hematite staining hosting disseminated and small blebs of pyrite and magnetite. Veins found between a zone of strongly potassic altered porphyritic monzonite. Hematite and magnetite occur in banded banded texture along upper vein. Veins 20-25cm wide.			
								Mg	15	DI
								Mg	5	BL
								Py	2	DI
128.38	129.43	VN	37	50	NUL	6	Sporadic quartz and carbonate veins ranging from 0.5-4cm in width crosscutting potassic altered porphyritic monzonite with chloritic overprinting. Hematite found distal to quartz and carbonate veining.			
								He	8	DI

Mars - Mars

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
					121.92

ZONE: Unknown

SECTION:

HOLE: MAR-16-002

CLAIM:

Contractor: Beaudoin

Drill: 1

Core Size: NTW

Casing Depth:

Drilling Dates: Aug 31 - Sep 03, 2016

Geology Logged By: J. Morton

SURVEY			
Depth (m)	Azimuth	Dip	Method
12.19	318.7	-55.3	Reflex
121.92	322.2	-54.7	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	8	8	HBS
8	14.23	6.23	SLT
14.23	17.96	3.73	MNZ
17.96	19.2	1.24	MNZ
19.2	28.75	9.55	MNZ
28.75	30.24	1.49	SLT
30.24	40.87	10.63	FFP
40.87	42.02	1.15	MNZ
42.02	44.19	2.17	SLT
44.19	48.54	4.35	MNZ
48.54	53.99	5.45	SLT
53.99	77.06	23.07	MNZ
77.06	95.19	18.13	MNZ
95.19	101.51	6.32	MNZ
101.51	119.87	18.36	MNZ
119.87	121.92	2.05	MNZ

SAMPLES	
Numbers:	S052148 to S052210
Total:	63
Batch:	005, 006, 007
Certificates:	WH16153142, WH16153181, WH16153184

COMMENTS

All Standards entered as 4D are actually CDN CGS-20. Do not know how to add to database.

Me-16 is CDN ME-16

Box Log

MAR-16-002

Mars

Unknown Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	4.5	7.73
2	7.73	11.06
3	11.06	13.68
4	13.68	17.12
5	17.12	20.29
6	20.29	23.81
7	23.81	27.32
8	27.32	31.09
9	31.09	35.21
10	35.21	39.25
11	39.25	42.9
12	42.9	46.8
13	46.8	50.86
14	50.86	54.8
15	54.8	59.11
16	59.11	63.38
17	63.38	67.66
18	67.66	71.82
19	71.82	76.35
20	76.35	80.7
21	80.7	85
22	85	89.11
23	89.11	93.54
24	93.54	97.63
25	97.63	101.91
26	101.91	106.22
27	106.22	110.51
28	110.51	114.88
29	114.88	119.01
30	119.01	121.92

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	8.00	8.00	HBS	FG	Highly fractured fine to medium grained grey intrusive rock (Hornfels?). 6cm patch of potassic alteration within.							
						MD	GY					
						LT	PK					
						LT	GY		POT	2I		
8.57	9.14	0.57	FLR	MG	Highly fractured and rubbled zone of banded siltstone. Tan/white clay found throughout, along with patchy oxidation. Possible fault zone.							
						MD	WH	FR				
						LT	TN	RB				
10.86	11.82	0.96	DYK	FG	Dark grey/black mafic intrusive rock (lamprophyre dyke?). Carries clay healed joints and fracture planes throughout. Fracture surfacesare oxidized with weak limonite and manganese staining. Magnetic patches throughout, noticeably around fractures. Black acicular/rectangular mineral present (plagioclase?).							
						DK	GY		OXI	2I		
						DK	BL		OXI	3I		
14.28	14.32	0.04	DYK	FG	Fine grained pink potassic dyke ~4cm wide at 45TCA with sharp contacts.							
						MD	PK					
						LT	PK					
17.28	17.44	0.16	SLT	FG	Small interval of orange/grey banded siltstone with moderate oxidation and minor tan coloured aloteration along healed fractures (albite alteration?)							
						MD	OR	BN	OXI	2I		
						MD	TN					
						MD	GY		OXI	3I		
17.96	19.20	1.24	MNZ	FG	Light brown to very light pink fine grained monzonite with moderate silicification (rock textures almost all destroyed). Carbonate infill present in fractures and joints throughout (joint healing present). Carbonate is very soft, scratchable with fingernail and highly reactive with acid. Small moderate oxidized patches within interval present along carbonate infill.							
						LT	BR		OXI	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	PK		POT	1I		
26.62	26.85	0.23	DYK	--	Interval of pale white to tan mottled intrusive. Soft and breaking down with swelling white clasts (argillic altered?). Appears to be altering to clay-like product. Bright orange oxidation present within fractures found in clumps. Very clay like. Contacts at roughly 50*TCA							
						MD	WH		CLY	3I		
						LT	TN	Mo	ARG	3I		
									OXI	3I		
27.61	27.71	0.10	FLT	FG	10cm clay seam at 50TCA crosscutting pink to light brown porphyritic monzonite. Small fault zone.							
						LT	PK		CLY	3I		
						LT	TN					
28.75	30.24	1.49	SLT	FG	Fine grained weakly banded siltstone with sporadic quartz veining within. Light green alteration (halo like) around quartz veining (epidote green colour). Minor oxidation present along fracture planes.							
								BN	OXI	2I		
									OXI	3I		
30.24	40.87	10.63	FFP	FG	Strongly potassic altered felsic porphyritic intrusive dyke(?). K-spar replacement has occurred replacing all other rock textures and rock types within throughout entire interval. Small barren quartz veins/veinlets 0.2-1.5cm wide crossscutting throughout, with the occasional sporadic carbonate stringer present. Fine to medium grained							
						MD	PK	PO	POT	4I		
41.29	41.62	0.33	MNZ	FG	Patchy zone of potassic to albite altered monzonite with carbonate veinlets and stringers found along with minor yellow carbonate (ankerite). Dendritic manganese found along fracture surfaces.							
						LT	TN		---	3I	Ak	5
42.02	42.22	0.20	SLT	FG	Zone of banded siltstone displaying bright green to orange/tan colours. Carbonate veining with distal oxidation crosscuts interval. Weakly magnetic with no surface trace of magnetite seen.							
						MD	OR					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GN					
						MD	BR					
						LT	BR	BN				
						LT	OR					
						LT	TN					
47.22	47.83	0.61	DYK	MG	Potassic altered intrusive dyke (felsic feldspar porphyry?) that has been completely k-spar replaced throughout. Minor barren quartz veining crosscuts both lithologies.							
						MD	PK					
						LT	PK		POT	4I		
49.95	50.54	0.59	MNZ	FG	Moderately silicified and slightly chloritized and tan (albite?) altered porphyritic monzonite. Black patches of magnetite present along carbonate veinlets, along with dissemianted pyrite. Minor barren quartz veining present within.							
						MD	GN		CHL	2I	Mg	2
						MD	BL		---	2I	Py	2
						MD	TN		OXI	1I		
52.80	53.22	0.42	MNZ	FG	Moderately silicified and slightly chloritized and tan (albite?) altered porphyritic monzonite. Black patches of magnetite present along carbonate veinlets, along with dissemianted pyrite. Minor barren quartz veining present within.							
						MD	BL		CHL	2I	Mg	1.5
						MD	GN		---	2I	Py	2
						MD	TN		OXI	1I		
70.30	70.93	0.63	MNZ	MG	Highly potassic altered monzonite with carbonate/chllorite veinlets throughout							
						MD	PK		POT	3I		
									POT	4I		
71.39	71.66	0.27	DYK	FG	Potassic altered intrusive dyke with quartz veining present. Found at 70TCA with sharp contacts.							
						MD	PK		POT	4I		
73.53	73.90	0.37	DYK	FG	Light grey intrusive porphyritic dyke with white clasts within. Quartz veining (minor) found along both upper and lower selvege with no mineralization. 30TCA. Minor 4cm potassic dyke (same as previous) hosting magnetite along its selveges found towards the upper selvege of the light grey intrusive. Cuts perpendicular to core axis at ~80TCA.							
						LT	GY	PO				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
75.60	75.91	0.31	MNZ	FG	Weakly potassic altered porphyritic monzonite (same as original lithology) with minor barren quartz veining present. Weak magnetic patch within hosting minor magnetite.							
						LT	PK		POT	2I	Mg	1
						LT	BR					
77.00	77.06	0.06	DYK	FG	Light grey intrusive porphyritic dyke with white clasts within. Quartz veining (minor) found along both upper and lower selvege with no mineralization. 30TCA							
						LT	GY					
77.06	95.19	18.13	MNZ	FG	Weakly potassic intrusive porphyritic monzonite alternating between weak to moderate potassic alteration throughout interval. K-spar partiall replaces rock textures. Interval of pink/orange alteration with large quartz vein network found within (no apparent mineralization).Chlorite blebs and clasts (soft, dark green) found throughout, along with quartz veining present within the entire interval. Trace amounts of disseminated chalcopyrite are seen within veining throughout the entire interval, but total mineralization is very minor. Quartz veins trend 50-60TCA							
						MD	PK		POT	3I	Py	0.1
						MD	GN					
						LT	PK		POT	2I	Cp	0.1
						LT	BR		---	2I		
						LT	GN					
95.19	101.51	6.32	MNZ	FG	Weak to medium green (chloritized?) porphyritic monzonite with potassic alteration found along quartz/carbonate veinlets throughout (halo like). Large carbonate vein present within, hosting both chlorite, and massive coarse grained actinolite displaying minor zonation. Chloritization and chlorite blebs found thorughout. Minor pyrite and chalcopyrite within sporadically.							
						MD	GN		POT	2I	Py	0.5
						LT	GN		CHL	2I	Cp	0.1
118.90	119.66	0.76	MNZ	FG	Chloritized and potassic altered monzonite (potassic overprinting overlapping chloritization) with quartz and carbonate veinlets present within. Chlorite blebs present, along with moderate to strong pervasive oxidation staining throughout.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	OR					
119.87	121.92	2.05	MNZ	FG	Green (weakly chloritized) porphyritic monzonite with barren quartz/carbonate stringers throughout. No significant alteration or mineralization present.							
						LT	GN		CHL	1I		
									CHL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	8.00	8.00	HBS	FG	Highly fractured fine to medium grained grey intrusive rock (Hornfels?). 6cm patch of potassic alteration within.							
						LT	GY		POT	2I		
						LT	PK					
						MD	GY					
8.00	14.23	6.23	SLT	FG	Banded siltstone that is highly fractured throughout. Fractures are healed with quartz infill in more competent rock. Black intrusive dyke (lamprophyre?), along with highly rubbled and fractured interval of siltstone with clay gouge present representing a potential fault zone.							
						MD	OR	BN	OXI	3I		
						MD	GY	FR				
						MD	GN					
14.23	17.96	3.73	MNZ	FG	Fine to medium grained grey porphyritic monzonite with white clasts within. Highly fractured. Interval displays potassic alteration sporadically within in small patches. Carries stringers of soft white mineral within in small sporadic clusters (Not carbonate. Does not react with acid. Albite? Talc?). Fractures of this interval display oxidation and dendritic manganese staining.							
						LT	GY	FR	POT	1I	Un	1
						MD	GY		POT	2I		
						LT	PK					
17.96	19.20	1.24	MNZ	FG	Light brown to very light pink fine grained monzonite with moderate silicification (rock textures almost all destroyed). Carbonate infill present in fractures and joints throughout (joint healing present). Carbonate is very soft, scratchable with fingernail and highly reactive with acid. Small moderate oxidized patches within interval present along carbonate infill.							
						LT	BR		OXI	2I		
						LT	PK		POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
19.20	28.75	9.55	MNZ	FG	Light brown to very light pink fine grained monzonite with moderate silicification (rock textures almost all destroyed). Patchy zones of weak to moderate potassic alteration present within. Carbonate infill present in fractures and joints throughout (joint healing present). Carbonate is very soft, scratchable with fingernail and highly reactive with acid. Small moderate oxidized patches within interval present along carbonate infill. Interval alternates with a patch of grey/green altered monzonite (same textures and carbonate veining). Dendritic manganese and minor clay filled fractures present witin.							
						MD	PK		OXI	2I		
						LT	PK		POT	3I		
						LT	BR		POT	2I		
28.75	30.24	1.49	SLT	FG	Fine grained weakly banded siltstone with sporadic quartz veining within. Light green alteration (halo like) around quartz veining (epidote green colour). Minor oxidation present along fracture planes.							
								BN	OXI	2I		
									OXI	3I		
30.24	40.87	10.63	FFP	FG	Strongly potassic altered felsic porphyritic intrusive dyke(?). K-spar replacement has occurred replacing all other rock textures and rock types within throughout entire interval. Small barren quartz veins/veinlets 0.2-1.5cm wide crossscutting throughout, with the occasional sporadic carbonate stringer present. Fine to medium grained							
						MD	PK	PO	POT	4I		
40.87	42.02	1.15	MNZ	FG	Porphyritic monzonite alternating between patchy potassic alteration and pale white to tan albite (?) alteration. Dendritic manganese found along fracture surfaces of albite altered zones. Minor barren quartz/carbonate veins throughout.							
						LT	PK	FR	POT	2I		
						LT	GY		---	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
42.02	44.19	2.17	SLT	FG	Strongly and frequently banded siltstone with minor carbonate veinlets crosscutting throughout. Oxidized bands within siltstones are present, displaying medium orange colour. The beginning of the interval displays bright coloured bands of orange/pink/black/grey with carbonate veins crosscutting and is weakly magnetic in patches. (no magnetite visible on surface)							
						LT	OR	BN	OXI	2I		
						MD	PK		OXI	3I		
						MD	GY					
						MD	GN					
						MD	OR					
						MD	BL					
44.19	48.54	4.35	MNZ	FG	Porphyritic monzonite with trace patches of potassic to chloritic alteration. Weak to slightly moderate throughout entire interval with the exception of where chloritization has occurred. Carbonate/chlorite stringers crosscut interval sporadically, along with grey to purple quartz veins (barren). Oxidation present along both veining types. Potassic intrusion that has been completely K-spar replaced crosscuts intrusion with barren quartz veining wtihin.							
									OXI	1I		
									POT	3I		
						MD	GY	PO	POT	2I	Cl	3
						MD	GN		CHL	2I		
						MD	PK		CHL	1I		
						LT	PK		POT	1I		
48.54	53.99	5.45	SLT	FG	Green to black alternating banded siltstone. Siltstone alternates with green siliceous porphyritic monzonite with minor tan coloured patches of alteration (albite?). Carbonate stringers crosscut both lithologies. Black bands of siltstone host secondary pyrite disseminated along carbonate stringers and sporadically throughout. Oxidation present within veinlets and within siltstone. Barren quartz veinlets crosscut throughout. Monzonite carreis patches that are weakly magnetic.							
						MD	GN	BN	OXI	1I	Py	2
						MD	BL					
						MD	TN					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
53.99	77.06	23.07	MNZ	FG	Strongly siliceous and quartz flooded (visible quartz blebs throughout) porphyritic monzonite. Rock alternated between large intervals of weak green altered (chloritization) and smaller tan to brown alteration patches with weak oxidation staining present within. Purple to grey quartz veining occurs throughout entire interval ranging from 0.2-5cm width. Chlorite blebs and veinlets are present throughout entire unit, along with minor carbonate stringers. Magnetite present within sporadic quartz veins, along with trace to minor disseminated pyrite found sporadically throughout. Tan alteration does not appear to have any associated textures or veining within. Limonite and manganese staining present along appear along fracture surfaces of tan alteration							
						MD	GN		CHL	3I		
						LT	GN	PO	SIL	3I	Py	2
						LT	BR		CHL	2I	Cl	4
									---	3I		
						MD	TN		SIL	4I	Mg	1
77.06	95.19	18.13	MNZ	FG	Weakly potassic intrusive porphyritic monzonite alternating between weak to moderate potassic alteration throughout interval. K-spar partiall replaces rock textures. Interval of pink/orange alteration with large quartz vein network found within (no apparent mineralization).Chlorite blebs and clasts (soft, dark green) found throughout, along with quartz veining present within the entire interval. Trace amounts of disseminated chalcopyrite are seen within veining throughout the entire interval, but total mineralization is very minor. Quartz veins trend 50-60TCA							
						MD	PK		POT	3I	Py	0.1
						MD	GN					
						LT	PK		POT	2I	Cp	0.1
						LT	GN					
						LT	BR		---	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
95.19	101.51	6.32	MNZ	FG	Weak to medium green (chloritized?) porphyritic monzonite with potassic alteration found along quartz/carbonate veinlets throughout (halo like). Large carbonate vein present within, hosting both chlorite, and massive coarse grained actinolite displaying minor zonation. Chloritization and chlorite blebs found thorughout. Minor pyrite and chalcopyrite within sporadically.							
						MD	GN		POT	2I	Py	0.5
						LT	GN		CHL	2I	Cp	0.1
101.51	119.87	18.36	MNZ	FG	Weakly chloritized porphyritic monzonite with patchy potassic alteration overprinting chloritization. Potassic halos are present around minor quartz/carbonate veins, which are found throughout the entire interval. Chlorite and hematite present in close proximity to, or along outer selveges of sporadic veining (as both blebs and stain). Magnetite present, along with very minor pyrite and disseminated chalcopyrite found in close proximity to carbonate/quartz veining. Chlorite and potassic alteration is very intermixed and overlapping throughout. Transitions to a stained oxidized zone of potassic/chlorite altered monzonite.							
						LT	GN		CHL	2I	Cp	0.2
						MD	GN		POT	2I	Py	0.5
						LT	PK		---	1I	Mg	1
						LT	TN				Cl	4
											He	2
119.87	121.92	2.05	MNZ	FG	Green (weakly chloritized) porphyritic monzonite with barren quartz/carbonate stringers throughout. No significant alteration or mineralization present.							
									CHL	2I		
						LT	GN		CHL	1I		

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	4.50	4.50	0	0	0.00	0	--	--	--	Casing
4.50	5.79	1.29	0.91	71	0.00	0	--	3H	2W	
5.79	6.40	0.61	0.54	89	0.00	0	--	3H	2W	
6.40	7.32	0.92	0.84	91	0.00	0	--	3H	2W	
7.32	8.53	1.21	0.87	72	0.00	0	--	3H	2W	
8.53	9.14	0.61	0.39	64	0.00	0	--	2H	2W	
9.14	10.06	0.92	0.7	76	0.00	0	--	3H	3W	
10.06	12.19	2.13	1.67	78	0.50	23	--	3H	2W	
12.19	13.41	1.22	0.88	72	0.00	0	--	3H	2W	
13.41	15.24	1.83	1.47	80	0.47	26	--	3H	1W	
15.24	18.29	3.05	2.79	91	0.40	13	--	3H	1W	
18.29	20.12	1.83	1.74	95	0.50	27	2R	3H	1W	
20.12	22.86	2.74	2.49	91	1.06	39	1R	3H	1W	
22.86	25.30	2.44	2.41	99	0.90	37	1R	3H	1W	
25.30	27.43	2.13	2.13	100	0.40	19	1R	3H	1W	
27.43	30.48	3.05	2.71	89	1.24	41	1R	4H	1W	
30.48	31.09	0.61	0.6	98	0.17	28	--	4H	1W	
31.09	33.53	2.44	2.44	100	1.27	52	--	4H	1W	
33.53	36.58	3.05	3.05	100	2.46	81	1R	4H	1W	
36.58	38.10	1.52	1.44	95	0.89	59	1R	4H	1W	
38.10	41.15	3.05	3.05	100	1.64	54	2R	3H	1W	
41.15	43.28	2.13	1.68	79	0.38	18	3R	3H	1W	
43.28	45.72	2.44	2.19	90	0.81	33	1R	4H	1W	
45.72	48.77	3.05	3.05	100	1.97	65	1R	4H	1W	
48.77	51.82	3.05	3.05	100	1.40	46	1R	3H	1W	
51.82	54.25	2.43	2.43	100	0.86	35	1R	4H	1W	
54.25	56.39	2.14	2.14	100	1.82	85	1R	5H	1W	
56.39	59.44	3.05	3.05	100	2.35	77	1R	5H	1W	
59.44	62.48	3.04	3.04	100	2.71	89	1R	5H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
62.48	65.53	3.05	3.05	100	2.80	92	1R	3H	1W	
65.53	68.58	3.05	3.05	100	1.80	59	1R	3H	1W	
68.58	69.49	0.91	0.91	100	0.55	60	1R	3H	1W	
69.49	71.63	2.14	2.12	99	1.83	86	1R	3H	1W	
71.63	74.68	3.05	3.05	100	2.40	79	1R	3H	1W	
74.68	77.72	3.04	3.04	100	2.90	95	1R	4H	1W	
77.72	80.77	3.05	3.05	100	2.49	82	0R	3H	1W	
80.77	83.82	3.05	3.05	100	2.78	91	0R	3H	1W	
83.82	86.87	3.05	3.05	100	2.60	85	1R	4H	1W	
86.87	89.92	3.05	3.05	100	1.86	61	1R	3H	1W	
89.92	92.66	2.74	2.46	90	1.62	59	0R	4H	1W	
92.66	94.48	1.82	1.82	100	1.34	74	0R	4H	1W	
94.48	97.53	3.05	3.05	100	2.39	78	0R	4H	1W	
97.53	100.58	3.05	3.05	100	2.01	66	1R	3H	1W	
100.58	103.63	3.05	3.05	100	2.88	94	1R	3H	1W	
103.63	106.68	3.05	3.05	100	2.60	85	1R	3H	1W	
106.68	108.20	1.52	1.52	100	1.38	91	0R	4H	1W	
108.20	109.73	1.53	1.53	100	1.53	100	1R	3H	1W	
109.73	112.78	3.05	3.05	100	2.48	81	1R	3H	1W	
112.78	115.82	3.04	3.04	100	2.39	79	0R	3H	1W	
115.82	118.87	3.05	3	98	2.24	73	0R	3H	1W	
118.87	121.92	3.05	3.05	100	1.93	63	0R	3H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
1	0	HBS	Rubble
2	0	HBS	Rubble
3	0	HBS	Rubble
4	0	HBS	Rubble
5	0	HBS	Rubble
6	0	HBS	Rubble
7	0	HBS	Rubble
8	0	HBS	Rubble
8	0	SLT	Rubble
9	0	SLT	Rubble
10	0	SLT	Rubble
11	0	SLT	Rubble
12	3.04	SLT	
13	2.5	SLT	
14	3.54	SLT	
15	6.01	MNZ	
16	4.62	MNZ	
17	1.66	MNZ	
18	0.42	MNZ	
19	0.95	MNZ	
20	2.52	MNZ	
21	1.34	MNZ	
22	2.5	MNZ	
23	2.35	MNZ	
24	1.07	MNZ	
25	1.51	MNZ	
26	2.58	MNZ	
27	2.33	MNZ	
28	0.94	MNZ	

Depth (m)	Magnetic Susceptibility	Unit	Comments
29	4.36	SLT	
30	6.58	SLT	
31	0.21	FFP	
32	0.18	FFP	
33	0.25	FFP	
34	0.53	FFP	
35	0.1	FFP	
36	0	FFP	
37	0.36	FFP	
38	0.33	FFP	
39	0.47	FFP	
40	0.33	FFP	
41	0	MNZ	
42	1.89	MNZ	
43	6.23	SLT	
44	0.16	SLT	
45	4.04	MNZ	
46	5.56	MNZ	
47	1.02	MNZ	
48	0.47	MNZ	
49	0.63	SLT	
50	0.87	SLT	
51	3.04	SLT	
52	0.2	SLT	
53	0.2	SLT	
54	1.3	MNZ	
55	0.57	MNZ	
56	0.11	MNZ	
57	0.65	MNZ	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
58	0.58	MNZ	
59	0.48	MNZ	
60	1.88	MNZ	
61	0.63	MNZ	
62	0.92	MNZ	
63	0.52	MNZ	
64	8.24	MNZ	
65	8.88	MNZ	
66	1.57	MNZ	
67	5.71	MNZ	
68	3.15	MNZ	
69	2.06	MNZ	
70	6.77	MNZ	
71	4.92	MNZ	
72	2.57	MNZ	
73	3.09	MNZ	
74	0	MNZ	
75	9.87	MNZ	
76	4.53	MNZ	
77	0	MNZ	
78	0.13	MNZ	
79	0.4	MNZ	
80	0.2	MNZ	
81	0.97	MNZ	
82	0.25	MNZ	
83	0.67	MNZ	
84	0.17	MNZ	
85	0.11	MNZ	
86	0.36	MNZ	
87	1.29	MNZ	
88	0.36	MNZ	

Depth (m)	Magnetic Susceptibility	Unit	Comments
89	0.16	MNZ	
90	0.06	MNZ	
91	0.18	MNZ	
92	0.99	MNZ	
93	0.23	MNZ	
94	7.63	MNZ	
95	5.71	MNZ	
96	1.39	MNZ	
97	8.29	MNZ	
98	5.97	MNZ	
99	2.01	MNZ	
100	0.53	MNZ	
101	5.74	MNZ	
102	5.32	MNZ	
103	6.3	MNZ	
104	0.47	MNZ	
105	0.45	MNZ	
106	0.4	MNZ	
107	0.23	MNZ	
108	0.97	MNZ	
109	0.45	MNZ	
110	1.78	MNZ	
111	0.45	MNZ	
112	0.6	MNZ	
113	0.16	MNZ	
114	0.75	MNZ	
115	0.55	MNZ	
116	1.52	MNZ	
117	0.43	MNZ	
118	3.25	MNZ	
119	2.6	MNZ	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
120	2.82	MNZ	
121	0.65	MNZ	

Depth (m)	Magnetic Susceptibility	Unit	Comments

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From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	S052161	☐	16-005			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052165	☐	16-005		4D	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052178	☐	16-006			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052186	☐	16-006		4D	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052190	☐	16-006			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052200	☐	16-006		ME-16	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052154	☐	16-005		ME-16	☐	☐	☐
4.50	6.40	1.90	HBS	0.76	40	S052148	☐	16-005			☐	☐	☐
6.40	8.05	1.65	HBS	1.34	81	S052149	☐	16-005			☐	☐	☐
8.05	10.85	2.80	SLT	2.21	79	S052150	☐	16-005			☐	☐	☐
10.85	11.90	1.05	SLT	1.05	100	S052151	☐	16-005			☐	☐	☐
11.90	14.18	2.28	SLT	1.60	70	S052152	☐	16-005			☐	☐	☐
14.18	16.08	1.90	SLT	1.50	79	S052153	☐	16-005			☐	☐	☐
16.08	18.00	1.92	MNZ	1.80	94	S052155	☐	16-005			☐	☐	☐
18.00	19.86	1.86	MNZ	1.06	57	S052156	☐	16-005			☐	☐	☐
19.86	22.86	3.00	MNZ	2.40	80	S052157	☐	16-005			☐	☐	☐
22.86	25.86	3.00	MNZ	2.54	85	S052158	☐	16-005			☐	☐	☐
25.86	27.00	1.14	MNZ	1.14	100	S052159	☐	16-005			☐	☐	☐
27.00	28.45	1.45	MNZ	1.45	100	S052160	☐	16-005			☐	☐	☐
28.45	30.21	1.76	MNZ	1.32	75	S052162	☐	16-005			☐	☐	☐
30.21	31.90	1.69	SLT	1.69	100	S052163	☐	16-005			☐	☐	☐
31.90	33.53	1.63	FFP	1.63	100	S052164	☐	16-005			☐	☐	☐
33.53	36.58	3.05	FFP	3.05	100	S052166	☐	16-005			☐	☐	☐
36.58	39.25	2.67	FFP	2.67	100	S052167	☐	16-005			☐	☐	☐
39.25	41.96	2.71	FFP	2.44	90	S052168	☐	16-005			☐	☐	☐
41.96	44.17	2.21	MNZ	1.95	88	S052169	☐	16-005			☐	☐	☐
44.17	45.72	1.55	SLT	1.55	100	S052170	☐	16-005			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
44.17	45.72	1.55	SLT	1.55	100	S052171	☐	16-005			☐	☐	☑
45.72	48.52	2.80	MNZ	2.80	100	S052172	☐	16-005			☐	☐	☐
48.52	50.55	2.03	MNZ	2.03	100	S052173	☐	16-006			☐	☐	☐
50.55	52.19	1.64	SLT	1.64	100	S052174	☐	16-006			☐	☐	☐
52.19	54.00	1.81	SLT	1.81	100	S052175	☐	16-006			☐	☐	☐
54.00	56.39	2.39	MNZ	2.29	96	S052176	☐	16-006			☐	☐	☐
56.39	59.44	3.05	MNZ	3.05	100	S052177	☐	16-006			☐	☐	☐
59.44	62.48	3.04	MNZ	3.04	100	S052179	☐	16-006			☐	☐	☐
62.48	65.53	3.05	MNZ	3.05	100	S052180	☐	16-006			☐	☐	☐
65.53	68.58	3.05	MNZ	3.05	100	S052181	☐	16-006			☐	☐	☐
68.58	71.63	3.05	MNZ	3.05	100	S052182	☐	16-006			☐	☐	☐
71.63	74.68	3.05	MNZ	3.05	100	S052183	☐	16-006			☐	☐	☐
74.68	77.00	2.32	MNZ	2.32	100	S052184	☐	16-006			☐	☐	☐
77.00	79.05	2.05	MNZ	2.05	100	S052185	☐	16-006			☐	☐	☐
79.05	80.77	1.72	MNZ	1.72	100	S052187	☐	16-006			☐	☐	☐
80.77	83.48	2.71	MNZ	2.71	100	S052188	☐	16-006			☐	☐	☐
83.48	84.58	1.10	MNZ	1.10	100	S052189	☐	16-006			☐	☐	☐
84.58	86.87	2.29	MNZ	2.23	97	S052191	☐	16-006			☐	☐	☐
86.87	89.92	3.05	MNZ	3.05	100	S052192	☐	16-006			☐	☐	☐
86.87	89.92	3.05	MNZ	3.05	100	S052193	☐	16-006			☐	☑	☐
89.92	92.60	2.68	MNZ	2.58	96	S052194	☐	16-006			☐	☐	☐
92.60	95.25	2.65	MNZ	2.62	99	S052195	☐	16-006			☐	☐	☐
95.25	97.54	2.29	MNZ	2.29	100	S052196	☐	16-006			☐	☐	☐
97.54	98.54	1.00	MNZ	1.00	100	S052197	☐	16-006			☐	☐	☐
98.54	99.58	1.04	MNZ	1.04	100	S052198	☐	16-006			☐	☐	☐
99.58	100.86	1.28	MNZ	1.28	100	S052199	☐	16-006			☐	☐	☐
100.86	103.63	2.77	MNZ	2.77	100	S052201	☐	16-006			☐	☐	☐
103.63	106.68	3.05	MNZ	3.05	100	S052202	☐	16-006			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
106.68	109.73	3.05	MNZ	3.05	100	S052203	☐	16-006			☐	☐	☐
109.73	111.34	1.61	MNZ	1.61	100	S052204	☐	16-006			☐	☐	☐
111.34	112.78	1.44	MNZ	1.44	100	S052205	☐	16-006			☐	☐	☐
112.78	115.82	3.04	MNZ	3.04	100	S052206	☐	16-006			☐	☐	☐
115.82	118.87	3.05	MNZ	3.05	100	S052207	☐	16-006			☐	☐	☐
115.82	118.87	3.05	MNZ	3.05	100	S052208	☐	16-006			☐	☐	☑
118.87	119.87	1.00	MNZ	1.00	100	S052209	☐	16-007			☐	☐	☐
119.87	121.92	2.05	MNZ, MNZ	2.05	100	S052210	☐	16-007			☐	☐	☐

Sample Results

Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
		0.00	4.50						☐	☐	☐	☐	Casing
16-005	S052154	0.00	0.00	1.52	132		30	2.4	☐	☐	☐	☑ ME-16	
16-005	S052161	0.00	0.00	0.00	0		0	0.0	☐	☐	☑	☐	
16-005	S052165	0.00	0.00	7.69	56		56	0.6	☐	☐	☐	☑ 4D	
16-006	S052178	0.00	0.00	0.00	0		0	0.0	☐	☐	☑	☐	
16-006	S052186	0.00	0.00	7.70	54		56	0.6	☐	☐	☐	☑ 4D	
16-006	S052190	0.00	0.00	0.00	0		0	0.0	☐	☐	☑	☐	
16-006	S052200	0.00	0.00	1.55	137		30	2.5	☐	☐	☐	☑ ME-16	
16-005	S052148	4.50	6.40	0.21	2		0	0.3	☐	☐	☐	☐	
16-005	S052149	6.40	8.05	0.02	5		0	0.3	☐	☐	☐	☐	
16-005	S052150	8.05	10.85	0.07	7		1	0.5	☐	☐	☐	☐	
16-005	S052151	10.85	11.90	0.19	2		0	0.2	☐	☐	☐	☐	
16-005	S052152	11.90	14.18	0.04	6		0	0.6	☐	☐	☐	☐	
16-005	S052153	14.18	16.08	0.00	1		0	0.4	☐	☐	☐	☐	

Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
16-005	S052155	16.08	18.00	0.02	2		0	0.4	☐	☐	☐	☐	
16-005	S052156	18.00	19.86	0.03	4		0	0.4	☐	☐	☐	☐	
16-005	S052157	19.86	22.86	0.01	1		0	0.3	☐	☐	☐	☐	
16-005	S052158	22.86	25.86	0.00	2		0	0.4	☐	☐	☐	☐	
16-005	S052159	25.86	27.00	0.00	2		0	0.4	☐	☐	☐	☐	
16-005	S052160	27.00	28.45	0.01	2		1	0.3	☐	☐	☐	☐	
16-005	S052162	28.45	30.21	0.02	17		1	0.4	☐	☐	☐	☐	
16-005	S052163	30.21	31.90	0.07	0		0	0.3	☐	☐	☐	☐	
16-005	S052164	31.90	33.53	0.00	1		0	0.2	☐	☐	☐	☐	
16-005	S052166	33.53	36.58	0.00	0		0	0.2	☐	☐	☐	☐	
16-005	S052167	36.58	39.25	0.00	0		0	0.2	☐	☐	☐	☐	
16-005	S052168	39.25	41.96	0.03	1		0	0.3	☐	☐	☐	☐	
16-005	S052169	41.96	44.17	0.01	7		0	0.5	☐	☐	☐	☐	
16-005	S052170	44.17	45.72	0.03	1		0	0.3	☐	☐	☐	☐	
16-005	S052171	44.17	45.72	0.02	1		0	0.3	☐	☑	☐	☐	

Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
16-005	S052172	45.72	48.52	0.02	1		0	0.3	☐	☐	☐	☐	
16-006	S052173	48.52	50.55	0.03	4		0	0.3	☐	☐	☐	☐	
16-006	S052174	50.55	52.19	0.01	7		0	0.7	☐	☐	☐	☐	
16-006	S052175	52.19	54.00	0.03	12		0	0.5	☐	☐	☐	☐	
16-006	S052176	54.00	56.39	0.02	2		0	0.3	☐	☐	☐	☐	
16-006	S052177	56.39	59.44	0.00	1		0	0.3	☐	☐	☐	☐	
16-006	S052179	59.44	62.48	0.00	1		0	0.3	☐	☐	☐	☐	
16-006	S052180	62.48	65.53	0.00	2		0	0.3	☐	☐	☐	☐	
16-006	S052181	65.53	68.58	0.00	2		0	0.3	☐	☐	☐	☐	
16-006	S052182	68.58	71.63	0.00	1		0	0.3	☐	☐	☐	☐	
16-006	S052183	71.63	74.68	0.01	1		0	0.2	☐	☐	☐	☐	
16-006	S052184	74.68	77.00	0.00	1		0	0.3	☐	☐	☐	☐	
16-006	S052185	77.00	79.05	0.00	1		0	0.2	☐	☐	☐	☐	
16-006	S052187	79.05	80.77	0.00	1		0	0.3	☐	☐	☐	☐	
16-006	S052188	80.77	83.48	0.00	1		0	0.2	☐	☐	☐	☐	

Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
16-006	S052189	83.48	84.58	0.00	1		0	0.3	☐	☐	☐	☐	
16-006	S052191	84.58	86.87	0.00	1		0	0.2	☐	☐	☐	☐	
16-006	S052192	86.87	89.92	0.00	1		0	0.2	☐	☐	☐	☐	
16-006	S052193	86.87	89.92	0.00	1		0	0.2	☑	☐	☐	☐	
16-006	S052194	89.92	92.60	0.00	1		0	0.3	☐	☐	☐	☐	
16-006	S052195	92.60	95.25	0.00	0		0	0.3	☐	☐	☐	☐	
16-006	S052196	95.25	97.54	0.00	2		0	0.2	☐	☐	☐	☐	
16-006	S052197	97.54	98.54	0.00	2		0	0.2	☐	☐	☐	☐	
16-006	S052198	98.54	99.58	0.00	2		3	0.2	☐	☐	☐	☐	
16-006	S052199	99.58	100.86	0.00	4		1	0.3	☐	☐	☐	☐	
16-006	S052201	100.86	103.63	0.00	2		1	0.3	☐	☐	☐	☐	
16-006	S052202	103.63	106.68	0.00	2		1	0.3	☐	☐	☐	☐	
16-006	S052203	106.68	109.73	0.00	2		0	0.3	☐	☐	☐	☐	
16-006	S052204	109.73	111.34	0.01	3		1	0.2	☐	☐	☐	☐	
16-006	S052205	111.34	112.78	0.02	2		0	0.3	☐	☐	☐	☐	

Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
16-006	S052206	112.78	115.82	0.01	2		1	0.3	☐	☐	☐	☐	
16-006	S052207	115.82	118.87	0.00	7		1	0.3	☐	☐	☐	☐	
16-006	S052208	115.82	118.87	0.00	6		1	0.3	☐	☑	☐	☐	
16-007	S052209	118.87	119.87	0.00	2		1	0.3	☐	☐	☐	☐	
16-007	S052210	119.87	121.92	0.00	3		0	0.3	☐	☐	☐	☐	



From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
28.71	29.04	VN	37	40	NUL	6	6 Quartz vein/veinlets ranging from 0.3-2cm crosscutting siltstone. Apple green alteration and colour around veining area.			
41.75	42.22	bn		30	NUL	-	Zone of banded siltstone displaying bright green/orange/tan colours. Carbonate veinlets with distal oxidation crosscutting siltstone with many small carbonate stringers throughout.			
51.19	52.17	bn		70	NUL	-	Black banded siltstone hosting quartz and carbonate stringers with disseminated pyrite throughout. Oxidized veinlets present in patches throughout.			
55.63	55.69	VN	37	60	NUL	1	6cm purple quartz vein within green/tan porphyritic monzonite. Chlorite blebs and stringers in close proximity to quartz vein.			
58.64	58.69	VN	37	60	NUL	1	5cm purple quartz vein within green/tan porphyritic monzonite. Chlorite blebs and stringers in close proximity to quartz vein.			
62.78	62.84	VN	37	50	NUL	2	Two 1.5cm quartz carbonate veins with within green/tan porphyritic monzonite. Minor red hematite and chlorite present within vein.			
								He	2	DI
68.88	68.93	VN	37	55	NUL	1	5cm quartz vein hosting carbonate stringers and chlorite within.			
77.64	77.79	VN	37	50	NUL	1	Net texture of soft (scratchable by fingernail) green chlorite veining with white to bright orange (neon like) alteration/mineralization enveloping it. Fractures healed by chlorite veining.			
								Un	15	---
								Cl	20	BL
83.82	84.05	VN	37	-	NUL	1	Network of interconnected quartz veins crosscutting pink to orange potassic altered porphyritic monzonite. No visible mineralization.			

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
98.59	98.75	VN	37	35	NUL	1	18cm Carbonate vein with very course and large grains of rectangular/acicular green mineral with moderate hardness (actinolite?) Actinolite is zoned with red altered centers. Large amount of diopside (green patchy mineralization that is harder than chlorite) within vein alongside carbonate. Chlorite present in small blebs on the outer selveges with minor hematite staining. Unknown blue (light white/blue to deep blue) soft clay like mineral present within diopside matrix. Clasts of potassic xenoliths within vein.			
								He	3	PA
99.27	99.34	VN	37	45	NUL	1	7cm Carbonate vein with very course and large grains of rectangular/acicular green mineral with moderate hardness (actinolite?) Actinolite is zoned with red altered centers. Large amount of diopside (green patchy mineralization that is harder than chlorite) within vein alongside carbonate. Chlorite present in small blebs on the outer selveges with minor hematite staining. Unknown blue (light white/blue to deep blue) soft clay like mineral present within diopside matrix. Clasts of potassic xenoliths within vein.			
102.02	102.02	VN	37	40	NUL	1	3cm white to purple quartz vein with carbonate found along upper selvege. Minor pyrite and trace disseminated chalcopyrite (single grain) disseminated along quartz vein along with chlorite and diopside.			
								Py	1	DI
								Cp	0.1	DI
102.40	102.44	VN	37	15	NUL	1	4cm white to purple quartz vein with carbonate found along upper selvege. Minor pyrite and trace disseminated chalcopyrite (single grain) disseminated along quartz vein along with chlorite and diopside.			
								Py	1	DI
								Cp	0.1	DI
110.91	110.93	VB	37	10	NUL	1	1.5cm carbonate vein at very low angle hosting blebby magnetite, hematite, and minor disseminated pyrite and chalcopyrite.			
								Py	1	DI
								Cp	0.5	DI

Mars - Mars

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
					134.11

ZONE: Unknown

SECTION:

HOLE: MAR-16-003

CLAIM:

Contractor: Beaudoin

Drill: 1

Core Size: NTW

Casing Depth:

Drilling Dates: -

Geology Logged By: J. Morton

SURVEY			
Depth (m)	Azimuth	Dip	Method
3.04	347.5	-37.4	Reflex
131.06	312.6	-57.5	Reflex

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	4.5	4.5	MNZ
4.5	7.01	2.51	SLT
7.01	9.65	2.64	MNZ
9.65	17.04	7.39	SLT
17.04	20.56	3.52	DYK
20.56	25.98	5.42	MNZ
25.98	29.74	3.76	MNZ
29.74	31.44	1.7	DYK
31.44	51.98	20.54	SLT
51.98	58.89	6.91	INT
58.89	61.75	2.86	SLT
61.75	63.71	1.96	MNZ
63.71	66.81	3.1	SLT
66.81	73.72	6.91	MNZ
73.72	78.56	4.84	MNZ
78.56	80	1.44	MNZ

SAMPLES	
Numbers:	S052211 to S052278
Total:	68
Batch:	007, 008
Certificates:	WH16153184, WH16153185

COMMENTS

All Standards entered as 4D are actually CDN CGS-20. Do not know how to add to database.

80	94.95	14.95	MNZ
94.95	120.37	25.42	MNZ
120.37	120.84	0.47	SLT
120.84	129.95	9.11	SLT
129.95	134.11	4.16	MNZ

Box Log

MAR-16-003

Mars

Unknown Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	3.3	5.8
2	5.8	8.95
3	8.95	12.59
4	12.59	16.62
5	16.62	20.47
6	20.47	24.57
7	24.57	28.82
8	28.82	32.75
9	32.75	36.58
10	36.58	40.6
11	40.6	44.54
12	44.54	48.77
13	48.77	52.51
14	52.51	56.47
15	56.47	60.84
16	60.84	64.82
17	64.82	68.86
18	68.86	72.96
19	72.96	76.88
20	76.88	81.13
21	81.13	85.34
22	85.34	89.6
23	89.6	93.89
24	93.89	97.97
25	97.97	101.6
26	101.6	105.38
27	105.38	109.25
28	109.25	112.95
29	112.95	116.43
30	116.43	120.43
31	120.43	124.6
32	124.6	128.98
33	128.98	133.22
34	133.22	134.11

Box Number	From (m)	To (m)

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	4.50	4.50	MNZ	FG	Highly fractured grey to green intrusive monzonite.							
						MD	GN	RB				
						MD	GY	FR				
4.50	7.01	2.51	SLT	FG	Brown to grey highly fractured siltstone displaying weak to moderate oxidation.							
						MD	OR	FR	OXI	2I		
						MD	GY	BN				
						DK	BR	RB	OXI	3I		
7.01	9.65	2.64	MNZ	FG	Black to grey irregularly banded siltstone alternating with medium to dark green chloritized porphyritic monzonite. Stringers of chlorite (dark green, soft) present crosscutting monzonite, along with trace magnetite. Pyrite stringers found within chlorite stringers, as well as within black bands of siltstone. Carbonate veinlets present within carrying possible diopside. Monzonite displays moderate silicification. Siltstone banding at 75TCA							
						MD	GN	BN	CHL	3I	Py	3
						MD	GY		OXI	2I	Cl	7
						DK	GN		SIL	3I	Mg	2
						DK	GY					
18.36	18.60	0.24	MNZ	MG	Light grey porphyritic monzonite dyke crosscutting at 60TCA with carbonate/chlorite stringers and minor patches of weak potassic alteration.							
						LT	GY		POT	2I		
20.56	25.98	5.42	MNZ	FG	Weakly chloritized grey to weak green porphyritic monzonite with white clasts found throughout. Very weak chloritic overprinting, otherwise relatively unaltered. Carboante veining enveloped by small potassic halos host chlorite, diopside, and minor pyrite. Minor barren quartz veining present within.							
						MD	GY		CHL	1I	Py	1
						LT	GN		CHL	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
25.98	29.74	3.76	MNZ	FG	Weak to slightly moderately altered porphyritic monzonite with chlorite overprinting. Carbonate/chlorite veins and veinlets crosscut entire intervbal, hosting blebby pyrite sporadically within veining. Chlorite ranges from dark green to medium green (iron or not iron rich?). Pyrite and minor chalcopyrite, along with minor magnetite found disseminated sporadically within carbonate/chlorite veining. Porphyritic monzonite carries numerous stringers with potassic altered halos enveloping the small veinlets.							
						MD	GN		CHL	3I	Py	1
						LT	PK		CHL	2I	Mg	3
									POT	2I	Cp	0.2
29.74	31.44	1.70	VOL	FG	Small band of medium green intrusive with tank to pink quartz bands within. Carbonate and chlorite veinlets present with minor disseminated pyrite.							
						MD	GN				Py	1
33.73	34.46	0.73	MNZ	FG	Green chloritized monzonite with carbonate/chlorite veinlets hosting disseminated pyrite. Potassic halos envelop veinlets.							
						LT	GN		CHL	1I	Py	1
						LT	PK		CHL	2I		
									POT	1I		
36.82	37.02	0.20	DYK	FG	light grey intrusive dyke with carbonate veining within. Black mineral found along contact on both sides of dyke. 75TCA							
						LT	GY					
49.76	49.85	0.09	DYK	FG	light to medium grey intrusive dyke at 70TCA. Occasional carbonate veining crosscuts dyke, but not near as many as surrounding host rock suggesting later stage development. Mottled texture with fine black minerals within.							
						MD	GY					
						LT	GY	Mo			Un	2
51.98	58.89	6.91	INT	FG	intermediate light to medium grey intrusive rock with patches of trace chlorite overprinting. Minor carbonate stringers present with chlorite within. Chlorite clasts found throughout matrix of intermediate intrusive (similar to QFP clasts). Small silicified zone of lighter grey intrusive rock within (same rock type).							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY					
						LT	GY		CHL	1I		
58.89	61.75	2.86	SLT	FG	Dark grey to black siltstone with carbonate stringers and veinlets throughout. Small broken down and oxidized zone of siltstone within. Carries both hematite and chlorite within carbonate veining.							
						MD	BL					
						DK	GY	BN			He	3
61.75	63.71	1.96	MNZ	FG	Porphyritic monzonite with trace chloritic overprinting. Minor carbonate/chlorite stringers found within. Potassic altered halos found around carbonate veining.							
						MD	GY		CHL	1I		
									POT	1I		
63.71	66.81	3.10	SLT	FG	Dark grey to black siltstone with carbonate stringers and veinlets throughout. Small broken down and oxidized zone of siltstone within. Carries both hematite and chlorite within carbonate veining.							
						MD	BL					
						DK	GY	BN	OXI	1I	He	2
66.81	73.72	6.91	MNZ	FG	Weakly potassic altered monzonite with minor barren quartz veining and weak patchy chloritic alteration. Weakly healed fractures with carbonate/chlorite infill along lower section of interval from 72.71-73.72m							
						LT	PK		POT	2I		
						LT	GN		CHL	1I		
73.98	74.19	0.21	FLT	--	Highly rubbled and fractured fault zone within monzonite.							
						LT	GN	RB	CHL	1I		
						LT	PK	FR	POT	1I		
75.50	75.55	0.05	FLT	--	Highly rubbled and fractured fault zone within monzonite. No attitude due to rubble.							
						LT	PK	RB	CHL	1I		
						LT	GN	FR	POT	1I		
75.60	75.82	0.22	FLT	--	Highly rubbled and fractured fault zone within monzonite. No attitude due to rubble							
						LT	PK	RB	CHL	1I		
						LT	GN	FR	POT	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
99.51	100.30	0.79	FLT	--	Highly fractured potassic monzonite with clay gouge throughout. Fault zone. Cannot determine attitude.							
						LT	BR	RB	CLY	2I		
						LT	PK	FR	POT	3I		
107.00	107.29	0.29	FLT	--	Highly fractured potassic monzonite with clay gouge throughout. Fault zone. Cannot determine attitude.							
						LT	BR	RB	CLY	2I		
						LT	PK	FR	POT	3I		
111.10	111.70	0.60	FLT	FG	Clay fault zone at 5TCA with sharp contacts. Very soft.							
						LT	TN		CLY	3I		
						LT	BR					
115.69	116.20	0.51	FLT	--	Highly fractured potassic monzonitet.Possible fault zone. Cannot determine attitude.							
						LT	BR	RB				
						LT	PK	FR	POT	3I		
120.37	120.84	0.47	SLT	FG	Soft siltstone/hornfels zone with many small stringers of carboante and chlorite throughout. Vibrant orange colour clay zone found from 120.57-120.73 at 50TCA that is a fault zone.							
						MD	GY					
						MD	OR					
120.84	129.95	9.11	SLT	FG	Banded siltstone with numerous carbonate veinlets and sporadic barren quartz veining found within. Hematite stain and chlorite both present within. Oxidation found along fractures and carbonate veining.							
						MD	GY					
						LT	GY				He	2
129.95	134.11	4.16	MNZ	FG	Weakly chloritic monzonite with white barren quartz stringers throughout. Potassic envelopes present around veining. Minor hematite present along veining							
						LT	PK		POT	1I		
						LT	GN		CHL	1I	He	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	4.50	4.50	MNZ	FG	Highly fractured grey to green intrusive monzonite.							
						MD	GN	RB				
						MD	GY	FR				
4.50	7.01	2.51	SLT	FG	Brown to grey highly fractured siltstone displaying weak to moderate oxidation.							
						MD	OR	FR	OXI	2I		
						DK	BR	RB	OXI	3I		
						MD	GY	BN				
7.01	9.65	2.64	MNZ	FG	Black to grey irregularly banded siltstone alternating with medium to dark green chloritized porphyritic monzonite. Stringers of chlorite (dark green, soft) present crosscutting monzonite, along with trace magnetite. Pyrite stringers found within chlorite stringers, as well as within black bands of siltstone. Carbonate veinlets present within carrying possible diopside. Monzonite displays moderate silicification. Siltstone banding at 75TCA							
						MD	GN	BN	CHL	3I	Py	3
						DK	GN		SIL	3I	Mg	2
						MD	GY		OXI	2I	Cl	7
						DK	GY					
9.65	17.04	7.39	SLT	FG	Fine grained siltstone with bands of grey/black/green. Siltstone begins as a dark black colour, and transitions to grey/green, followed by a dark green transition. Dark green within siltstone may be due to chloritization. Black banded siltstone at beginning of interval hosts pyrite stringers and oxidation within. Carbonate stringers found within grey/green siltstones carry very silver pyrite. Siltstones dip ~60TCA. Very chloritic towards end of unit, with carbonate veining along lower contact hosting chlorite and actinolite, along with disseminated pyrite along fracture faces (secondary).							
						MD	GY					
						DK	GN					
						MD	GN	BN	CHL	3I	Py	3
						LT	BL					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
17.04	20.56	3.52	DYK	FG	Fine grained dark grey to black intrusive volcanics with fine black needle like minerals within. Carbonate veinlets and stringers carrying chlorite crosscut throughout interval. Interval hosts disseminated pyrite within host rock. Light grey porphyritic monzonite intrusion with carbonate/chlorite stringers and minor patches of weak potassic alteration crosscuts the black intrusive. Along upper selvege, carbonate veining hosts chlorite, actinolite, diopside, and pyrite, while the lower selvege carries carbonate veins hosting pyrite, chlorite, and diopside.							
						DK	GY				Py	3
						MD	BL					
20.56	25.98	5.42	MNZ	FG	Weakly chloritized grey to weak green porphyritic monzonite with white clasts found throughout. Very weak chloritic overprinting, otherwise relatively unaltered. Carboante veining enveloped by small potassic halos host chlorite, diopside, and minor pyrite. Minor barren quartz veining present within.							
						MD	GY		CHL	1I	Py	1
						LT	GN		CHL	2I		
25.98	29.74	3.76	MNZ	FG	Weak to slightly moderately altered porphyritic monzonite with chlorite overprinting. Carbonate/chlorite veins and veinlets crosscut entire intervbal, hosting blebby pyrite sporadically within veining. Chlorite ranges from dark green to medium green (iron or not iron rich?). Pyrite and minor chalcopyrite, along with minor magnetite found disseminated sporadically within carbonate/chlorite veining. Porphyritic monzonite carries numerous stringers with potassic altered halos enveloping the small veinlets.							
						LT	PK		CHL	2I	Mg	3
						MD	GN		CHL	3I	Py	1
									POT	2I	Cp	0.2
29.74	31.44	1.70	DYK	FG	Dark green to grey intrusive dyke displaying moderate to strong chloritization across its entire interval. Large carbonate veins crosscut the host rock carrying blebs of both chlorite and pyrite disseminated throghout the interval. Minor disseminated magnetite present within.							
						DK	GN		CHL	4I	Mg	2
						DK	GY		CHL	3I	Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
31.44	51.98	20.54	SLT	FG	Banded siltstone (green/grey/brown) with carbonate stringers and veinlets throughout entire interval. Carbonate veinlets carry chlorite and disseminated pyrite, along with sporadic occasinoal chalcopyrite and pyrrhotite blebs. Siltstone alternates with small zones of porpyritic monzonite, that intrude the siltstone, as well as two intrusive grey dykes. Oxidation found along fractures and carbonate veining.							
						MD	GY				Mg	2
						MD	BR				Cp	1
											Po	1
						MD	GN	BN			Py	2
51.98	58.89	6.91	INT	FG	intermediate light to medium grey intrusive rock with patches of trace chlorite overprinting. Minor carbonate stringers present with chlorite within. Chlorite clasts found throughout matrix of intermediate intrusive (similar to QFP clasts). Small silicified zone of lighter grey intrusive rock within (same rock type).							
						LT	GY		CHL	1I		
						MD	GY					
58.89	61.75	2.86	SLT	FG	Dark grey to black siltstone with carbonate stringers and veinlets throughout. Small broken down and oxidized zone of siltstone within. Carries both hematite and chlorite within carbonate veining.							
						DK	GY	BN			He	3
						MD	BL					
61.75	63.71	1.96	MNZ	FG	Porphyritic monzonite with trace chloritic overprinting. Minor carbonate/chlorite stringers found within. Potassic altered halos found around carbonate veining.							
						MD	GY		CHL	1I		
									POT	1I		
63.71	66.81	3.10	SLT	FG	Dark grey to black siltstone with carbonate stringers and veinlets throughout. Small broken down and oxidized zone of siltstone within. Carries both hematite and chlorite within carbonate veining.							
						DK	GY	BN	OXI	1I	He	2
						MD	BL					

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
66.81	73.72	6.91	MNZ	FG	Weakly potassic altered monzonite with minor barren quartz veining and weak patchy chloritic alteration. Weakly healed fractures with carbonate/chlorite infill along lower section of interval from 72.71-73.72m							
						LT	PK		POT	2I		
						LT	GN		CHL	1I		
73.72	78.56	4.84	MNZ	FG	Patchy weak potassic to chlorite altered monzonite. Highly fractured along upper section of interval, transitioning into more competent rock with depth. Fractured zones are broken down and rubbly, and may be fault zones. Monzonite displays minor carbonate/chlorite veining within. See detailed lithology for fault information							
						LT	PK	RB	CHL	1I		
						LT	GN					
						LT	GY	FR	POT	1I		
80.00	94.95	14.95	MNZ	FG	Weakly potassic altered monzonite with barren grey quartz veining within. Carbonate vein present with bright pink clays along upper selvege, that may be fault zone.							
									POT	1I		
						LT	PK		CLY	3I	He	1
94.95	120.37	25.42	MNZ	FG	Moderately potassic altered porphyritic monzonite with patchy weak oxidation along veinlets and stringers of carbonate found within. Minor clays present in patches throughout, found along surfaces of fractured faces, which may be minor fault zones. (see secondary structures).							
						MD	PK	FR	POT	3I		
									OXI	1I		
120.37	120.84	0.47	SLT	FG	Soft siltstone/hornfels zone with many small stringers of carboante and chlorite throughout. Vibrant orange colour clay zone found from 120.57-120.73 at 50TCA that is a fault zone.							
						MD	GY					
						MD	OR					
120.84	129.95	9.11	SLT	FG	Banded siltstone with numerous carbonate veinlets and sporadic barren quartz veining found within. Hematite stain and chlorite both present within. Oxidation found along fractures and carbonate veining.							
						LT	GY				He	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY					
129.95	134.11	4.16	MNZ	FG	Weakly chloritic monzonite with white barren quartz stringers throughout. Potassic envelopes present around veining. Minor hematite present along veining							
						LT	PK		POT	1I		
						LT	GN		CHL	1I	He	2

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.30	3.30	0	0	0.00	0	--	--	--	Casing
3.30	3.66	0.36	0.15	42	0.00	0	--	3H	2W	
3.66	4.57	0.91	0.91	100	0.00	0	0R	3H	2W	
4.57	5.49	0.92	0.92	100	0.00	0	0R	3H	3W	
5.49	6.10	0.61	0.3	49	0.00	0	0R	3H	3W	
6.10	7.01	0.91	0.91	100	0.00	0	0R	3H	2W	
7.01	7.92	0.91	0.86	95	0.00	0	0R	3H	2W	
7.92	9.14	1.22	1.22	100	0.66	54	0R	3H	2W	
9.14	12.19	3.05	3.05	100	1.21	40	0R	3H	2W	
12.19	13.10	0.91	0.91	100	0.76	84	0R	3H	1W	
13.10	13.71	0.61	0.47	77	0.47	77	0R	3H	1W	
13.71	16.46	2.75	2.75	100	1.71	62	0R	3H	1W	
16.46	18.28	1.82	1.82	100	1.60	88	0R	3H	1W	
18.28	19.20	0.92	0.75	82	0.29	32	0R	3H	1W	
19.20	21.33	2.13	2.13	100	1.19	56	0R	3H	1W	
21.33	24.38	3.05	3.05	100	1.82	60	0R	3H	1W	
24.38	27.43	3.05	3.05	100	2.66	87	0R	3H	1W	
27.43	30.48	3.05	3.05	100	2.54	83	0R	3H	1W	
30.48	33.53	3.05	3.05	100	2.20	72	1R	3H	1W	
33.53	36.58	3.05	3.05	100	2.09	69	1R	3H	1W	
36.58	39.62	3.04	3.04	100	1.69	56	1R	3H	1W	
39.62	42.67	3.05	3.05	100	1.52	50	1R	3H	1W	
42.67	45.72	3.05	3.05	100	2.71	89	1R	3H	1W	
45.72	48.77	3.05	3.05	100	1.56	51	1R	3H	1W	
48.77	51.82	3.05	3.05	100	2.01	66	1R	3H	1W	
51.82	54.86	3.04	3.04	100	2.15	71	0R	3H	1W	
54.86	57.91	3.05	3.05	100	2.24	73	0R	3H	1W	
57.91	60.96	3.05	3.05	100	2.30	75	1R	3H	1W	
60.96	64.01	3.05	3.05	100	1.98	65	1R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
64.01	67.06	3.05	3.05	100	1.94	64	1R	3H	1W	
67.06	70.10	3.04	3.04	100	0.64	21	0R	3H	1W	
70.10	73.15	3.05	3.05	100	1.53	50	1R	3H	1W	
73.15	76.20	3.05	3.05	100	1.10	36	1R	2H	1W	
76.20	79.25	3.05	3.05	100	1.18	39	2R	2H	1W	
79.25	82.30	3.05	3.05	100	1.59	52	1R	3H	1W	
82.30	85.34	3.04	3.04	100	2.07	68	2R	3H	1W	
85.34	88.39	3.05	3.05	100	2.04	67	1R	3H	1W	
88.39	91.44	3.05	3.05	100	2.17	71	1R	4H	1W	
91.44	94.49	3.05	3.05	100	2.04	67	0R	4H	1W	
94.49	97.54	3.05	3.05	100	1.49	49	1R	3H	1W	
97.54	100.28	2.74	2.68	98	1.17	43	1R	2H	1W	
100.28	102.11	1.83	1.74	95	1.44	79	1R	2H	1W	
102.11	105.16	3.05	3.01	99	2.25	74	1R	3H	1W	
105.16	107.29	2.13	2.13	100	1.45	68	0R	3H	1W	
107.29	109.73	2.44	2.44	100	1.78	73	1R	3H	1W	
109.73	112.17	2.44	2.44	100	0.96	39	0R	1H	1W	
112.17	114.30	2.13	2.13	100	0.69	32	0R	2H	1W	
114.30	116.43	2.13	2.13	100	0.83	39	0R	3H	1W	
116.43	118.87	2.44	2.44	100	0.90	37	1R	2H	1W	
118.87	121.92	3.05	2.9	95	1.30	43	0R	2H	1W	
121.92	124.97	3.05	3.05	100	1.35	44	1R	3H	1W	
124.97	128.02	3.05	3.05	100	2.44	80	2R	4H	1W	
128.02	131.06	3.04	3.04	100	2.52	83	2R	3H	1W	
131.06	134.11	3.05	3.05	100	1.62	53	0R	3H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
1	0	MNZ	Rubble
2	0	MNZ	Rubble
3	0	MNZ	Rubble
4	0	MNZ	Rubble
5	0	SLT	Rubble
6	0.58	SLT	
7	1.71	SLT	
8	0.65	MNZ	
9	1.04	MNZ	
10	2.35	SLT	
11	0.57	SLT	
12	0.89	SLT	
13	0.63	SLT	
14	0.55	SLT	
15	0.89	SLT	
16	1.31	SLT	
17	1.76	SLT	
18	1.76	DYK	
19	13.5	DYK	
20	9.69	DYK	
21	5.64	MNZ	
22	3.74	MNZ	
23	12.2	MNZ	
24	3.61	MNZ	
25	6.58	MNZ	
26	11.2	MNZ	
27	8.29	MNZ	
28	10.8	MNZ	
29	1.36	MNZ	

Depth (m)	Magnetic Susceptibility	Unit	Comments
30	1.36	DYK	
31	10.1	DYK	
32	10.5	SLT	
33	0.97	SLT	
34	1.27	SLT	
35	1.27	SLT	
36	0.97	SLT	
37	3.41	SLT	
38	2.87	SLT	
39	1.49	SLT	
40	1.54	SLT	
41	5.15	SLT	
42	2.03	SLT	
43	1.49	SLT	
44	0.77	SLT	
45	1.15	SLT	
46	1.79	SLT	
47	0.58	SLT	
48	0.16	SLT	
49	3.12	SLT	
50	14.1	SLT	
51	0.338	SLT	
52	0.11	INT	
53	0.13	INT	
54	0.25	INT	
55	0.1	INT	
56	1.2	INT	
57	0.15	INT	
58	0.43	INT	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
59	0.36	SLT	
60	1.84	SLT	
61	0.75	SLT	
62	1.61	MNZ	
63	5.56	MNZ	
64	1.1	SLT	
65	2.52	SLT	
66	0.5	SLT	
67	0.5	MNZ	
68	0.85	MNZ	
69	1.64	MNZ	
70	0.06	MNZ	
71	1.78	MNZ	
72	1.98	MNZ	
73	0.42	MNZ	
74	0.7	MNZ	
75	0.28	MNZ	
76	0.23	MNZ	
77	0.5	MNZ	
78	0.33	MNZ	
79	0.67	MNZ	
80	0.53	MNZ	
80	0.53	MNZ	
81	0.25	MNZ	
82	0.67	MNZ	
83	0.23	MNZ	
84	0.11	MNZ	
85	0.33	MNZ	
86	0.2	MNZ	
87	0.13	MNZ	
88	0.85	MNZ	

Depth (m)	Magnetic Susceptibility	Unit	Comments
89	0.05	MNZ	
90	0.38	MNZ	
91	0.62	MNZ	
92	0.066	MNZ	
93	0.28	MNZ	
94	0.11	MNZ	
95	0.53	MNZ	
96	0.05	MNZ	
97	0.97	MNZ	
98	0.08	MNZ	
99	0.01	MNZ	
100	0.25	MNZ	
101	1.52	MNZ	
102	1.73	MNZ	
103	0.31	MNZ	
104	0.25	MNZ	
105	1.24	MNZ	
106	0	MNZ	
107	0.33	MNZ	
108	0.21	MNZ	
109	1.78	MNZ	
110	0.5	MNZ	
111	0	MNZ	
112	0.21	MNZ	
113	0.21	MNZ	
114	0.45	MNZ	
115	0	MNZ	
116	0.52	MNZ	
117	0.25	MNZ	
118	0.53	MNZ	
119	0.06	MNZ	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
120	0.35	MNZ	
121	0.08	SLT	
122	0.43	SLT	
123	0.03	SLT	
124	0.05	SLT	
125	0	SLT	
126	1.34	SLT	
127	4.48	SLT	
128	0.05	SLT	
129	10.8	SLT	
130	0.13	MNZ	
131	9.54	MNZ	
132	12.7	MNZ	
133	0.85	MNZ	
134	2.95	MNZ	

Depth (m)	Magnetic Susceptibility	Unit	Comments

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From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	S052277	☐	16-008			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052227	☐	16-007		4D	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052233	☐	16-007			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052237	☐	16-007		ME-16	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052251	☐	16-008			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052265	☐	16-008		ME-16	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052273	☐	16-008		4D	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052217	☐	16-007			☑	☐	☐
3.30	5.49	2.19	MNZ	1.39	63	S052211	☐	16-007			☐	☐	☐
5.49	7.01	1.52	SLT	0.61	40	S052212	☐	16-007			☐	☐	☐
7.01	9.70	2.69	SLT, MNZ	2.53	94	S052213	☐	16-007			☐	☐	☐
9.70	12.19	2.49	SLT	2.49	100	S052214	☐	16-007			☐	☐	☐
12.19	14.41	2.22	SLT	2.09	94	S052215	☐	16-007			☐	☐	☐
14.41	17.02	2.61	SLT	2.61	100	S052216	☐	16-007			☐	☐	☐
17.02	19.86	2.84	SLT	2.76	97	S052218	☐	16-007			☐	☐	☐
19.86	21.79	1.93	DYK	1.90	98	S052219	☐	16-007			☐	☐	☐
19.86	21.79	1.93	DYK	1.90	98	S052220	☐	16-007			☐	☐	☑
21.79	24.38	2.59	MNZ	2.59	100	S052221	☐	16-007			☐	☐	☐
24.38	25.85	1.47	MNZ	1.47	100	S052222	☐	16-007			☐	☐	☐
25.85	27.47	1.62	MNZ	1.62	100	S052223	☐	16-007			☐	☐	☐
27.47	29.75	2.28	MNZ	2.28	100	S052224	☐	16-007			☐	☐	☐
29.75	31.46	1.71	DYK	1.71	100	S052225	☐	16-007			☐	☐	☐
31.46	32.46	1.00	SLT	1.00	100	S052226	☐	16-007			☐	☐	☐
32.46	34.43	1.97	SLT	1.97	100	S052228	☐	16-007			☐	☐	☐
34.43	36.80	2.37	SLT	2.37	100	S052229	☐	16-007			☐	☐	☐
36.80	38.51	1.71	SLT	1.71	100	S052230	☐	16-007			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
38.51	41.52	3.01	SLT	3.01	100	S052231	☐	16-007			☐	☐	☐
41.52	44.53	3.01	SLT	3.01	100	S052232	☐	16-007			☐	☐	☐
44.53	45.72	1.19	SLT	1.18	99	S052234	☐	16-007			☐	☐	☐
45.72	47.28	1.56	SLT	1.56	100	S052235	☐	16-007			☐	☐	☐
47.28	50.00	2.72	SLT	2.72	100	S052236	☐	16-007			☐	☐	☐
50.00	52.35	2.35	SLT	2.35	100	S052238	☐	16-007			☐	☐	☐
52.35	54.86	2.51	INT	2.51	100	S052239	☐	16-007			☐	☐	☐
54.86	56.60	1.74	INT	1.74	100	S052240	☐	16-007			☐	☐	☐
56.60	58.91	2.31	INT	2.31	100	S052241	☐	16-007			☐	☐	☐
56.60	58.91	2.31	INT	2.31	100	S052242	☐	16-007			☐	☑	☐
58.91	61.59	2.68	SLT	2.68	100	S052243	☐	16-007			☐	☐	☐
61.59	63.70	2.11	SLT	2.11	100	S052244	☐	16-007			☐	☐	☐
63.70	66.70	3.00	MNZ	3.00	100	S052245	☐	16-008			☐	☐	☐
66.70	68.86	2.16	SLT	2.16	100	S052246	☐	16-008			☐	☐	☐
68.86	71.82	2.96	MNZ	2.96	100	S052247	☐	16-008			☐	☐	☐
71.82	73.72	1.90	MNZ	1.90	100	S052248	☐	16-008			☐	☐	☐
73.72	76.20	2.48	MNZ, MNZ	2.48	100	S052249	☐	16-008			☐	☐	☐
76.20	79.25	3.05	MNZ	3.05	100	S052250	☐	16-008			☐	☐	☐
79.25	82.30	3.05	MNZ	3.04	100	S052252	☐	16-008			☐	☐	☐
82.30	85.34	3.04	MNZ	3.04	100	S052253	☐	16-008			☐	☐	☐
85.34	88.39	3.05	MNZ	3.05	100	S052254	☐	16-008			☐	☐	☐
88.39	91.44	3.05	MNZ	3.05	100	S052255	☐	16-008			☐	☐	☐
91.44	94.49	3.05	MNZ	3.05	100	S052256	☐	16-008			☐	☐	☐
94.49	97.54	3.05	MNZ	3.05	100	S052257	☐	16-008			☐	☐	☐
97.54	100.28	2.74	MNZ	2.52	92	S052258	☐	16-008			☐	☐	☐
97.54	100.28	2.74	MNZ	2.52	92	S052259	☐	16-008			☐	☑	☐
100.28	102.11	1.83	MNZ	1.83	100	S052260	☐	16-008			☐	☐	☐
102.11	105.16	3.05	MNZ	3.01	99	S052261	☐	16-008			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
105.16	107.29	2.13	MNZ	2.13	100	S052262	☐	16-008			☐	☐	☐
107.29	109.73	2.44	MNZ	2.44	100	S052263	☐	16-008			☐	☐	☐
109.73	112.17	2.44	MNZ	2.44	100	S052264	☐	16-008			☐	☐	☐
112.17	114.30	2.13	MNZ	2.13	100	S052266	☐	16-008			☐	☐	☐
114.30	116.43	2.13	MNZ	2.13	100	S052267	☐	16-008			☐	☐	☐
114.30	116.43	2.13	MNZ	2.13	100	S052268	☐	16-008			☐	☐	☑
116.43	118.87	2.44	MNZ	2.44	100	S052269	☐	16-008			☐	☐	☐
118.87	120.43	1.56	MNZ	1.53	98	S052270	☐	16-008			☐	☐	☐
120.43	122.22	1.79	SLT	1.79	100	S052271	☐	16-008			☐	☐	☐
122.22	124.97	2.75	SLT	2.75	100	S052272	☐	16-008			☐	☐	☐
124.97	128.02	3.05	SLT	3.05	100	S052274	☐	16-008			☐	☐	☐
128.02	129.94	1.92	SLT	1.92	100	S052275	☐	16-008			☐	☐	☐
129.94	131.87	1.93	SLT	1.93	100	S052276	☐	16-008			☐	☐	☐
131.87	134.11	2.24	MNZ	2.24	100	S052278	☐	16-008			☐	☐	☐

Sample Results

Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
		0.00	3.30						☐	☐	☐	☐	
16-007	S052217	0.00	0.00	0.00	0		0	0.0	☐	☐	☑	☐	
16-007	S052227	0.00	0.00	8.03	61		63	0.7	☐	☐	☐	☑ 4D	
16-007	S052233	0.00	0.00	0.00	0		0	0.0	☐	☐	☑	☐	
16-007	S052237	0.00	0.00	1.80	144		33	2.8	☐	☐	☐	☑ ME-16	
16-008	S052251	0.00	0.00	0.00	0		0	0.0	☐	☐	☑	☐	
16-008	S052265	0.00	0.00	1.63	142		31	2.6	☐	☐	☐	☑ ME-16	
16-008	S052273	0.00	0.00	7.95	51		56	0.6	☐	☐	☐	☑ 4D	
16-008	S052277	0.00	0.00	0.00	0		0	0.0	☐	☐	☑	☐	
16-007	S052211	3.30	5.49	0.04	5		0	0.2	☐	☐	☐	☐	
16-007	S052212	5.49	7.01	0.00	4		0	0.4	☐	☐	☐	☐	
16-007	S052213	7.01	9.70	0.01	13		0	0.5	☐	☐	☐	☐	
16-007	S052214	9.70	12.19	0.00	19		0	1.3	☐	☐	☐	☐	
16-007	S052215	12.19	14.41	0.00	3		0	0.5	☐	☐	☐	☐	



Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
16-007	S052216	14.41	17.02	0.01	4		0	0.5	☐	☐	☐	☐	
16-007	S052218	17.02	19.86	0.02	2		0	0.4	☐	☐	☐	☐	
16-007	S052219	19.86	21.79	0.01	4		0	0.5	☐	☐	☐	☐	
16-007	S052220	19.86	21.79	0.01	4		0	0.5	☐	☑	☐	☐	
16-007	S052221	21.79	24.38	0.02	4		1	0.4	☐	☐	☐	☐	
16-007	S052222	24.38	25.85	0.02	5		0	0.3	☐	☐	☐	☐	
16-007	S052223	25.85	27.47	0.18	14		0	0.5	☐	☐	☐	☐	
16-007	S052224	27.47	29.75	0.55	4		0	0.3	☐	☐	☐	☐	
16-007	S052225	29.75	31.46	0.49	2		0	0.3	☐	☐	☐	☐	
16-007	S052226	31.46	32.46	2.27	5		0	0.4	☐	☐	☐	☐	
16-007	S052228	32.46	34.43	0.25	3		0	0.5	☐	☐	☐	☐	
16-007	S052229	34.43	36.80	0.04	3		0	0.4	☐	☐	☐	☐	
16-007	S052230	36.80	38.51	0.01	2		0	0.3	☐	☐	☐	☐	
16-007	S052231	38.51	41.52	0.01	10		0	0.5	☐	☐	☐	☐	
16-007	S052232	41.52	44.53	0.04	20		0	0.6	☐	☐	☐	☐	

Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
16-007	S052234	44.53	45.72	0.68	6		0	0.7	☐	☐	☐	☐	
16-007	S052235	45.72	47.28	0.41	11		0	0.7	☐	☐	☐	☐	
16-007	S052236	47.28	50.00	0.01	6		0	0.7	☐	☐	☐	☐	
16-007	S052238	50.00	52.35	0.01	15		1	0.4	☐	☐	☐	☐	
16-007	S052239	52.35	54.86	0.00	3		0	0.2	☐	☐	☐	☐	
16-007	S052240	54.86	56.60	0.01	2		0	0.3	☐	☐	☐	☐	
16-007	S052241	56.60	58.91	0.00	2		1	0.2	☐	☐	☐	☐	
16-007	S052242	56.60	58.91	0.00	2		1	0.2	☑	☐	☐	☐	
16-007	S052243	58.91	61.59	0.01	54		2	0.6	☐	☐	☐	☐	
16-007	S052244	61.59	63.70	0.00	4		0	0.4	☐	☐	☐	☐	
16-008	S052245	63.70	66.70	0.02	18		1	0.7	☐	☐	☐	☐	
16-008	S052246	66.70	68.86	0.00	2		1	0.2	☐	☐	☐	☐	
16-008	S052247	68.86	71.82	0.00	1		0	0.2	☐	☐	☐	☐	
16-008	S052248	71.82	73.72	0.00	2		1	0.2	☐	☐	☐	☐	
16-008	S052249	73.72	76.20	0.00	2		0	0.2	☐	☐	☐	☐	

Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
16-008	S052250	76.20	79.25	0.00	3		1	0.3	☐	☐	☐	☐	
16-008	S052252	79.25	82.30	0.00	2		0	0.3	☐	☐	☐	☐	
16-008	S052253	82.30	85.34	0.00	1		0	0.3	☐	☐	☐	☐	
16-008	S052254	85.34	88.39	0.00	2		1	0.3	☐	☐	☐	☐	
16-008	S052255	88.39	91.44	0.00	1		0	0.2	☐	☐	☐	☐	
16-008	S052256	91.44	94.49	0.00	1		0	0.2	☐	☐	☐	☐	
16-008	S052257	94.49	97.54	0.00	1		0	0.3	☐	☐	☐	☐	
16-008	S052258	97.54	100.28	0.00	1		1	0.2	☐	☐	☐	☐	
16-008	S052259	97.54	100.28	0.00	1		0	0.2	☑	☐	☐	☐	
16-008	S052260	100.28	102.11	0.00	1		0	0.2	☐	☐	☐	☐	
16-008	S052261	102.11	105.16	0.00	2		1	0.2	☐	☐	☐	☐	
16-008	S052262	105.16	107.29	0.00	1		0	0.3	☐	☐	☐	☐	
16-008	S052263	107.29	109.73	0.00	2		0	0.3	☐	☐	☐	☐	
16-008	S052264	109.73	112.17	0.00	2		0	0.3	☐	☐	☐	☐	
16-008	S052266	112.17	114.30	0.00	2		0	0.3	☐	☐	☐	☐	

Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
16-008	S052267	114.30	116.43	0.00	1		0	0.2	☐	☐	☐	☐	
16-008	S052268	114.30	116.43	0.00	2		0	0.2	☐	☑	☐	☐	
16-008	S052269	116.43	118.87	0.00	3		0	0.3	☐	☐	☐	☐	
16-008	S052270	118.87	120.43	0.00	3		1	0.3	☐	☐	☐	☐	
16-008	S052271	120.43	122.22	0.98	52		2	0.3	☐	☐	☐	☐	
16-008	S052272	122.22	124.97	0.02	33		2	0.3	☐	☐	☐	☐	
16-008	S052274	124.97	128.02	0.14	27		2	0.4	☐	☐	☐	☐	
16-008	S052275	128.02	129.94	0.13	7		1	0.4	☐	☐	☐	☐	
16-008	S052276	129.94	131.87	0.01	4		1	0.3	☐	☐	☐	☐	
16-008	S052278	131.87	134.11	0.00	5		1	0.3	☐	☐	☐	☐	



From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
15.53	15.54	VN	37	70	NUL	1	1cm carbonate vein at 70TCA. Found along boundary between black mafic intrusive (lamprophyre?) and chloritized banded siltstone. Caronate vein hosts blebby chlorite, diopside (lighter green, 4-5H, more square crystal structure) and disseminated pyrite.			
								Py	1	DI
								Cl	2	PA
20.37	20.42	VN	37	40	NUL	1	5cm grey to purple quartz vein with no mineralization. Fracture along contact of upper selvege displays moderate oxidation and slickenside texture. Carbonate present along fracture plane.			
23.08	23.13	VN	37	25	NUL	1	5cm carbonate vein hosting very coarse medium to dark green chlorite, which weakly brecciates carbonate in some areas. Disseminated pyrite found hosted within, along with a soft pale grey blue to blue clay like mineral found along carbonate patches			
								Py	1	DI
								Un	1	PA
24.56	28.22	VT	37	70	NUL	14	Numerous small 0.3-1cm carbonate veinlets hosting blebby chlorite and magnetite throughout, along with minor disseminated pyrite. Mineral compositions are based on average per veinlet.			
								Mg	30	BL
								Py	4	DI
								Cl	40	BL
25.00	25.02	VN	37	5	NUL	1	Small 1-2cm carbonate vein crosscutting chloritic to potassic porphyritic monzonite nearly parallel to core. Vein pinches and swells, and has small stringer feeders branching from it. Chlorite found hosted throughout, along with minor blebby magnetite and disseminated pyrite. Magnetite found in close proximity to chlorite.			
								Mg	12	BL
								Py	2	DI

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
25.07	25.11	VN	37	60	NUL	1	4cm chlorite vein hosting blebby magnetite throughout vein (almost entirely magnetite, mineralized over chlorite).			
								Mg	80	BL
28.70	28.72	VN	37	-	NUL	1	2cm carbonate vein with blebby chlorite hosted within. Vein does not fully intersect core, and is found again along the same side (bow shaped)			
29.60	29.62	VN	37	10	NUL	1	2.5cm carbonate vein hosting chlorite, along with minor disseminated pyrite along inner selveges of vein.			
								Py	1	DI
								Cl	3	DI
44.70	48.28	VT	37	70	NUL	15	Numerous small carbonate stringers ranging from 0.2-0.5cm in width. Disseminated pyrite found throughout, along with a soft jet black mineral. Attitudes of veins are all sporadic, but 70TCA is average.			
								Py	18	DI
								Un	3	DI
44.74	46.20	VT	37	70	NUL	4	Multiple small veinlets of magnetite ranging from 0.2-0.4cm in width, hosting disseminated pyrite and minor chalcopyrite within.			
								Mg	15	BL
								Py	10	DI
								Cp	0.2	DI
44.91	44.93	VN	37	65	NUL	1	1.5cm vein completely replaced with disseminated magnetite, chalcopyrite, and blebby pyrite, and possibly pyrrhotite. Feeders with the same mineral composition eminate from the vein (small ~0.1mm stringers)			
								Mg	15	DI
								Po	50	BL
								Cp	15	DI
								Py	20	BL
59.22	59.48	VT	37	60	NUL	9	Siltstone carrying small ~0.3cm carbonate veinlets and stringers. Hematite present along veining boundaries.			
								He	13	PA

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
87.95	88.00	FT	42	70	NUL	1	4cm vibrant pink clay gouge zone along found with a 1cm carbonate vein at 70TCA hosting hematite within along the upper selvege of clay gouge.			
								He	2	BL
96.90	97.12	FT	42	-	NUL	1	Highly rubbled and fractured zone of potassic altered monzonite with moderate clay patches within. No orientation possible.			
98.21	100.28	FT	42	-	NUL	1	Highly fractured and rubbled potassic altered monzonite zone with minor breakdown.			
110.91	112.71	FT	42	5	NUL	1	Clay gouged fault zone within porphyritic monzonite. Light brown to pink in colour.			