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ASSESSMENT REPORT

describing

GEOCHEMICAL SAMPLING AND DIAMOND DRILLING

at the

BOLT PROPERTY

Bolt 1-10	YC73898-YC73907
11-28	YC89631-YC89648
29-69	YD09279-YD09319

NTS 105G/08, 105G/09, 105H/05 & 105H/12
Latitude 61°30'N; Longitude 130°00'W

located in the

Watson Lake Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

STRATEGIC METALS LTD.

by

O. Fu, B.Sc.

March 2011

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INTRODUCTION

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

This report describes a field program conducted between July 7 and August 7, 2010 by Archer, Cathro & Associates (1981) Limited on behalf of Strategic. The program consisted of geochemical sampling and diamond drilling. The author interpreted all data from this project and his Statement of Qualifications is in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Bolt property consists of 69 contiguous mineral claims, which are located on NTS map sheets 105G/08 and 09 and 105H/05 and 12 at latitude 61°30' north and longitude 130°00' west (Figure 1). The property covers an area of approximately 1350 ha (13.5 sq. km.). The claims are registered with the Watson Lake Mining Recorder in the name of Archer Cathro, which holds them in trust for Strategic. Specifics concerning claim registration are tabulated below, while the locations of individual claims are shown on Figure 2.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
Bolt 1-10	YC73898-YC73907	March 23, 2018
11-28	YC89631-YC89648	March 23, 2015
29-69	YD09279-YD09319	March 23, 2015

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

In 2010, access was mainly provided by a Hughes 500D helicopter operated by Kluane Airways from the Inconnu Lodge on McEvoy Lake, which is located 33 km north of the property. A Bell 206B helicopter operated by Trans North Helicopters from its base at the Ross River airport assisted with some drill moves. All personnel stayed at Inconnu Lodge.

The Bolt claims lie approximately 284 km east-northeast of Whitehorse, 139 km east-southeast of Ross River and 10 km northeast of the Wolverine VMS Mine. The claim block is bounded on the northeast side by a first nation land selection that has been withdrawn from staking pending resolution of the Kaska Dena land claims. The closest roads are the Robert Campbell Highway, 3.8 km north of the property, and the Wolverine road, 6 km to the southeast. The Wolverine road is a newly constructed haulage road that extends from the highway to the Wolverine Mine, which is scheduled to start commercial production in 2011.

GEOMORPHOLOGY AND CLIMATE

The Bolt property is situated approximately 55 km north of the Tintina Trench. It lies on the southwest side of a small ridge in the Campbell Range of the Pelly Mountains, roughly 12 km northeast of Wolverine Lake. Local elevations on the property range from about 1200 to 1700 m above sea level (asl). Topographic relief is moderate. Creeks draining the property flow into the

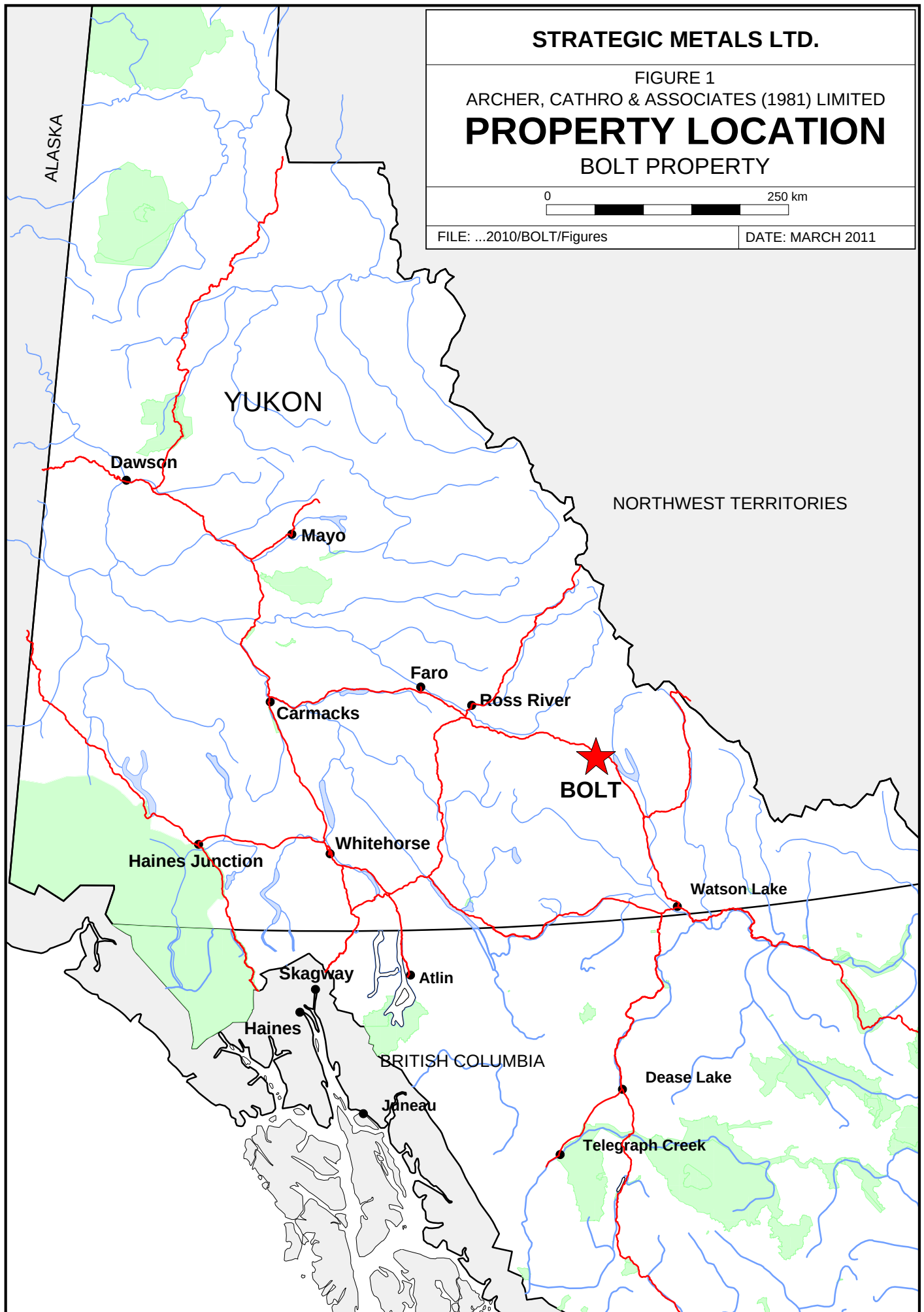
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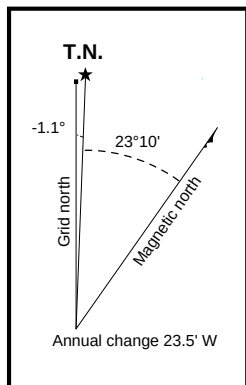
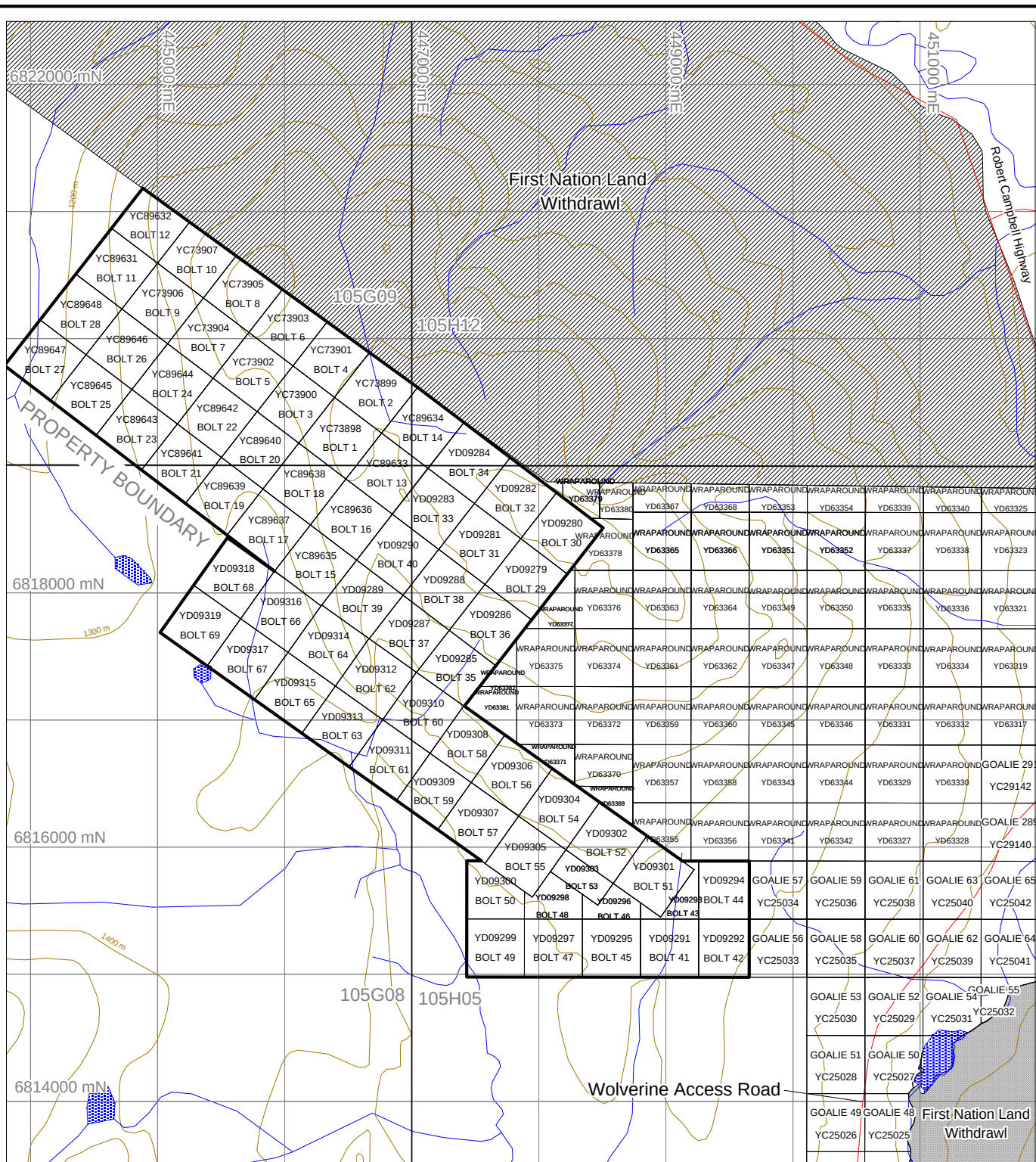
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
BOLT PROPERTY

0 250 km

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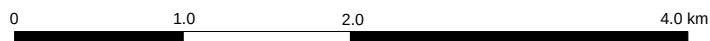




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FIGURE 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
CLAIM LOCATIONS
BOLT PROPERTY



UTM Zone 9, NAD83, NTS sheet 105G and 105H

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DATE: MARCH 2011

Finlayson River, which ultimately connects to the Arctic Ocean via the Frances, Liard and Mackenzie Rivers.

Vegetation comprises thick stands of spruce at lower elevations, arctic black birch along the flanks of the ridge and moss and grass upon the ridge crest. Outcrop is sparse over most of the property and is mainly confined to the ridge crest.

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

HISTORY

In 1996, Cominco Ltd. first staked the area underlain by the Bolt claims as part of the much larger Strike claim block, which covered the projected extension of the stratigraphic package that hosts the Julia VMS occurrence, approximately 10 km to the south (Figure 3).

In 1997, Cominco performed contour soil sampling and geological mapping on what is now the Bolt claims (Bannister, 1998).

In 1998, Cominco conducted grid soil sampling, geophysical surveying (UTEM, HTEM and magnetics), geological mapping and 245 m of diamond drilling in two holes (MacRobbie *et al.*, 1998). The sampling outlined strong soil geochemical anomalies and one of the holes intersected copper mineralization. Despite those positive results, no further work was performed and the claims were allowed to expire.

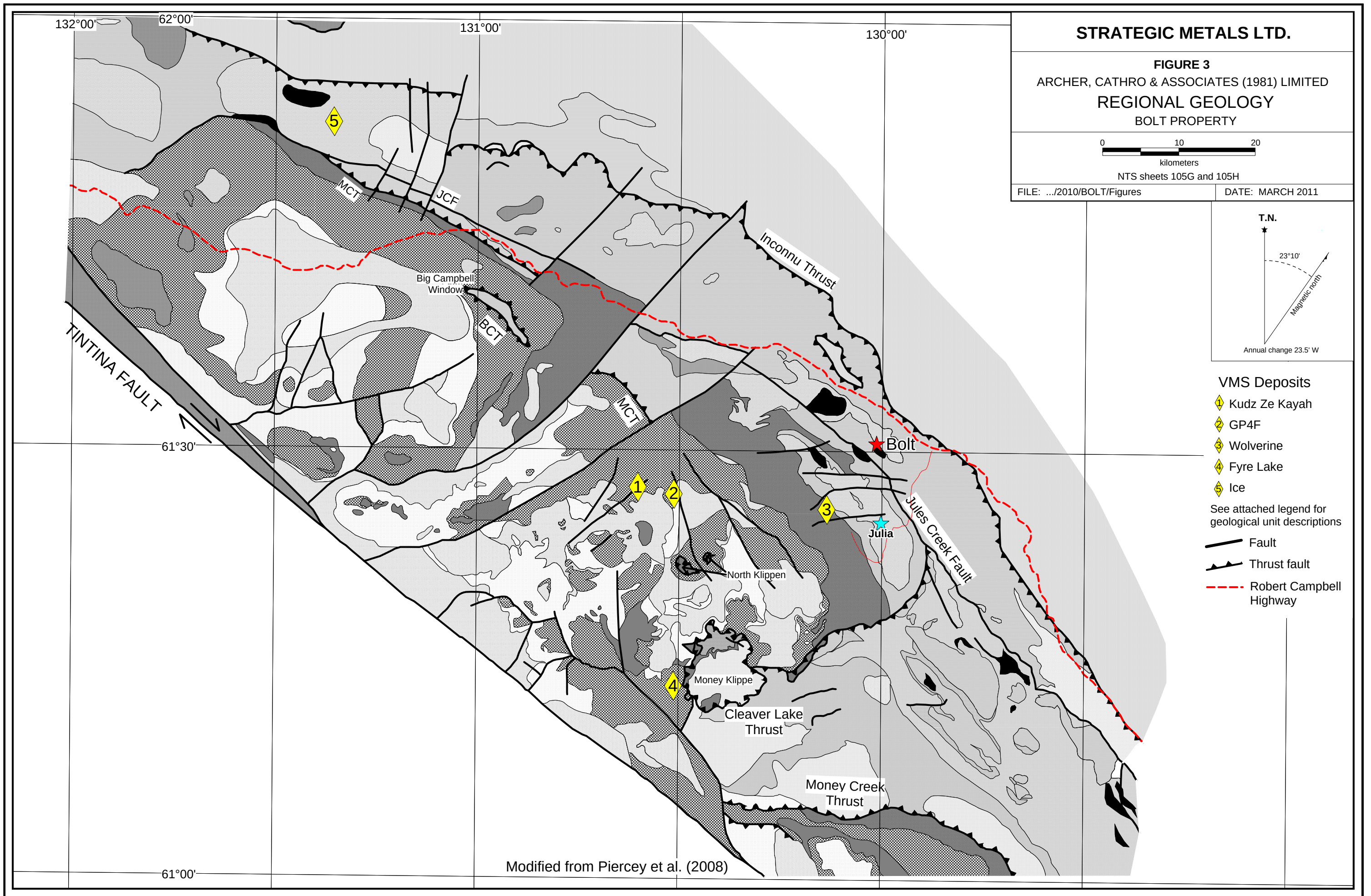
In late 2008, Strategic staked the Bolt claims and performed soil sampling along contour lines west of the property.

In 2009, Strategic prospected and dug two hand trenches (Gregory, 2009).

REGIONAL GEOLOGY

The Finlayson Lake VMS district is located in southeastern Yukon, within an isolated outlier of Yukon-Tanana and Slide Mountain terranes and affiliated overlap assemblages. The district is bounded by the Tintina Fault in the southwest and the Inconnu Thrust Fault in the northeast. Five major VMS deposits and numerous VMS occurrences have been discovered in this package of rocks (Figure 3). The Fyre Lake, Kudze Kayah, GP4F, and Wolverine deposits all occur within the Yukon-Tanana Terrane, while the Ice deposit is hosted in the Slide Mountain Terrane.

The Yukon-Tanana and Slide Mountain terranes represent continental arc and back-arc basin sequences that developed along the ancient Pacific margin of North America during late Devonian and through Permian (Piercey *et al.*, 2004). The pericratonic rocks of the Yukon-Tanana Terrane and oceanic rocks of the Slide Mountain Terrane are juxtaposed against rocks of the North American continental margin sequence along the post-Late Triassic Inconnu Thrust



LEGEND (Figure 3, modified from Piercey et al., 2008)

Mesozoic and Cenozoic



undifferentiated intrusions



undifferentiated volcanic rocks

NORTH AMERICAN CONTINENTAL MARGIN

Paleozoic



undifferentiated formations of Selwyn Basin, Cassier Platform, Earn Group and Mt. Christie Formation

Triassic



grey shale, siltstone and limestone

POST - YYT/SMT AMALGAMATION

Permian to Triassic

Simpson Lake group



polymictitic conglomerate, sandstone, siltstone, mafic and felsic volcanic rocks, limestone

SLIDE MOUNTAIN TERRANE

INTRUSIVE ROCKS

Early Permian



ultramafic and mafic intrusions

SLIDE MOUNTAIN TERRANE (SMT)

LAYERED ROCKS

Lower Permian



quartzite



limestone

Lower Permian

Campbell Range formation



basalt and varicoloured chert

Carboniferous?

Fortin Creek group



dark phyllite and chert, varicoloured chert, chert-pebble conglomerate, sandstone, limestone

YUKON-TANANA TERRANE

INTRUSIVE ROCKS

Early Mississippian

Simpson Range plutonic suite



granite, quartz monzonite, granodiorite

Late Devonian to Early Mississippian

Grass Lakes plutonic suite



granite, quartz monzonite, augen granite



ultramafic and mafic intrusions, Big Campbell and Cleaver Lake thrust sheets

YUKON-TANANA TERRANE (YTT)

LAYERED ROCKS

Lower Permian

Money Creek formation



dark phyllite and sandstone, chert, chert-pebble conglomerate, diamictite

Upper Mississippian to Lower Permian

Whitefish limestone



massive bioclastic limestone

Lower Mississippian

Tuchitua formation



intermediate, felsic and mafic volcanic rocks, sandstone, chert, limestone

Wolverine Lake group



undifferentiated mafic and felsic volcanic rocks and dark clastic rocks

Upper Devonian to Lower Mississippian

Cleaver Lake formation



calc-alkaline basalt, rhyolite, chert and volcanic derived sandstone

Waters Creek formation



felsic to intermediate metavolcanic rocks and carbonaceous phyllite

Grass Lakes group



felsic to intermediate metavolcanic rocks and dark clastic rocks of the Fire Lake, Kudzu, Ze Kayah, and Wind Lake formations

North River formation



quartzose metaclastic rocks, marble and non-carbonaceous pelitic schist

Fault (Murphy *et al.*, 2006). Rocks of the Yukon-Tanana and Slide Mountain terranes in the Finlayson Lake district are characterized by variably deformed and metamorphosed, lower greenschist to amphibolite facies metasedimentary and metavolcanic rocks and affiliated metaplutonic suites.

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

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

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

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

During Early Permian, the Yukon-Tanana Terrane experienced regional shortening and uplift. The deformation and erosion of the Mississippian and Pennsylvanian rocks were followed by

unconformable deposition of the Money Creek Formation. The Money Creek Formation comprises carbonaceous phyllite and sandstone, varicoloured chert, chert-pebble conglomerate, and diamictite. This formation was emplaced atop units of the Wolverine Lake Group in the Big Campbell Thrust Sheet and the Tuchitua River Formation, Whitefish Limestone, White Lake Formation, King Arctic Formation and Finlayson Creek Limestone in the Money Creek Thrust Sheet by the Cleaver Lake and Money Creek thrust faults. The Money Creek Formation is preserved in the Big Campbell and Money Creek Klippen.

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

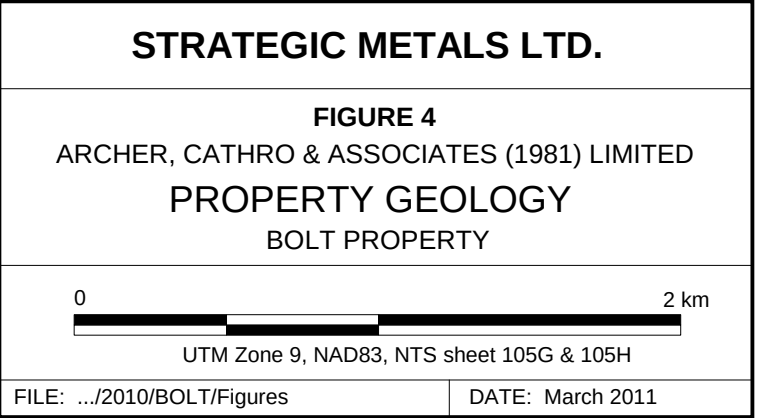
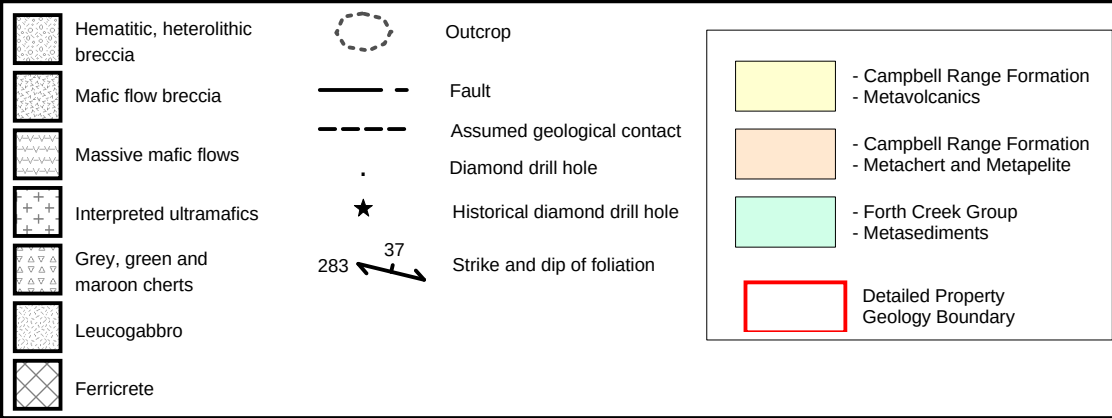
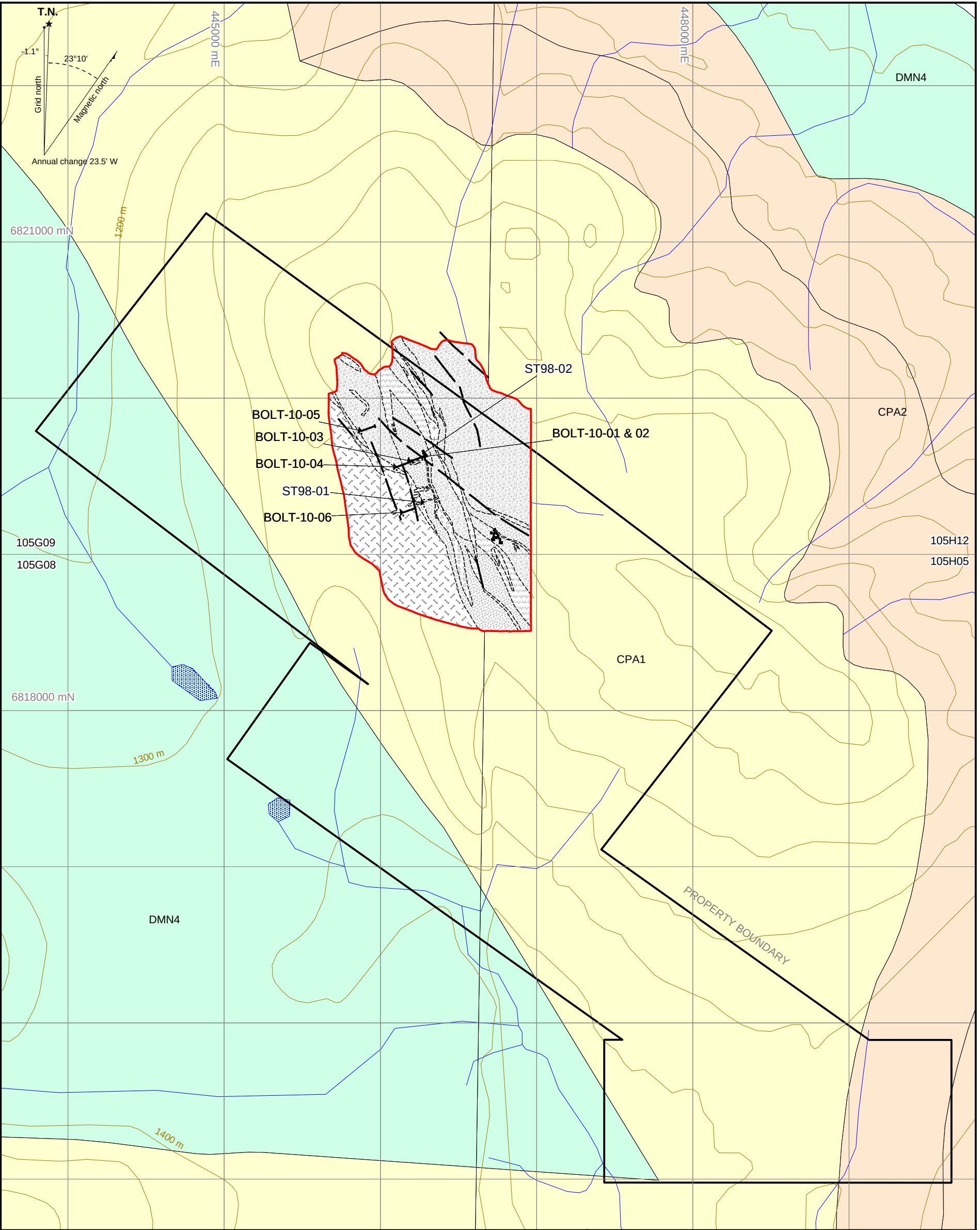
Middle Permian and younger sequences in the Finlayson Lake district are derived from, or deposited on both the Yukon-Tanana and Slide Mountain terranes. The Middle Permian to Triassic Simpson Lake Group is composed of clastic rocks derived from both terranes and Middle Permian felsic and mafic metavolcanic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

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

PROPERTY GEOLOGY

Bedrock is relatively well exposed above 1530 m on the Bolt property, but there is less than 2% exposure at lower elevations. Given the degree of deformation characteristic of the Finlayson district, structure is expected to be complex on the property. This complexity, coupled with poor bedrock exposure, limits the reliability of geological data. A combination of detailed grid mapping and geophysical interpretation has been used to prepare a property-scale geological map (Figure 4). Unit descriptions are based on 2009 field observations and a previous report (MacRobbie *et al.*, 1998).

The property is mostly underlain by a series of mafic flows, breccias and chert layers, which strike northwesterly and dip shallowly to the southwest. This sequence features numerous interdigitations and is locally disrupted by faults and ultramafic sills. Seven main stratigraphic sub-units have been recognized, of which two are massive mafic flows, two are mafic flow breccias and three are heterolithic breccias. The most widespread of these sub-units is a heterolithic breccia that forms the base of the sequence. All of the sub-units in the sequence contain thin interbeds of discontinuous red chert. The ultramafic sills appear to have been



emplaced prior to deformation because they are cut by the same faults as the stratigraphic sub-units.

On the southwest side of the claim block, the metamorphosed units are intruded by a leucogabbro stock. This stock is lithologically similar to thin leucogabbro dykes found on the property. The leucogabbro is undeformed and likely belongs to a suite of undifferentiated intermediate to mafic intrusions of early Jurassic age.

Structure on the property is quite complicated with several north and northwest trending faults offsetting various units. Foliation and compositional layering are rare and are only found within cherts. Where observed, foliation and compositional layering appears to strike northwest and dip 10 to 45° to the southwest.

Heterolithic volcanic breccia appears to form three stratigraphically distinct sub-units. Each sub-unit is dark green to maroon/green and weathers red/green. They are all heterolithic, containing abundant, weakly hematite-altered aphanitic mafic flow fragments plus minor, medium green mafic flow fragments and hematitic chert fragments within a hematitic chert matrix. Breccia fragments are angular to subrounded and typically comprise 20 to 40% of the rock and range from 2 to 100 cm in diameter. Pyrite occurs as very fine grained disseminations across all sub-units. The breccia is mainly matrix supported, but locally grades to clast supported. Epidote alteration is common and typically occurs alongside cherty altered zones. Within these sub-units there are several discontinuous 5 to 7 m thick hematitic chert layers that were not mapped as separate sub-units.

Mafic flow breccia comprises two sub-units. Both are light to medium green and tan to light green on weathered surfaces. These sub-units contain 5 to 25 cm diameter, angular, dark green aphanitic flow fragments within a wispy/ribboned/contorted textured, chlorite +/- calcite altered and glassy matrix. The wispy texture is the result of tension gashes.

Massive basalt flows also comprise two sub-units that are dark green and weather tan to medium green. The basalt is massive and fine grained with rare chloritized phenocrysts, possibly after pyroxene.

Chert interbeds are usually red and rarely light green to grey. They form massive beds with rare smoky quartz laminations. Pyrite occurs locally as fine grained disseminations. Dark maroon wisps are common and have a contorted texture. Black dendritic manganese is common on weathered surfaces.

Leucogabbro is light green and weathers brown to orange. In the main pluton, it is composed of euhedral, medium to very coarse grains of plagioclase and pyroxene with minor biotite. Pyroxene is strongly altered to serpentine. The dykes that intrude the surrounding country rock have the same composition but typically have smaller grain size.

Ultramafic is very dark green and weathers light greenish buff. It is strongly serpentinized and moderately to strongly magnetic. Carbonate stringers that are strongly effervescent are common

in moderately altered samples. This unit was not observed in outcrop but is found as angular talus. Ground magnetic data were used to infer its locations on the geological map.

DEPOSIT MODEL

Based on the lithologies mapped in the area, the Bolt property has potential to host a Cyprus-type VMS deposit, similar to the Ice deposit located 82 km to the northwest. The Ice deposit comprises a historical inferred resource of 4,561,863 tonnes grading 1.48% copper (Expatriate Resources, 2002). The following description of the Ice deposit provides a model for exploring and assessing the Bolt property.

The Ice deposit is a VMS deposit that lies within the Slide Mountain Terrane towards the northern end of the Finlayson Lake VMS district. The Slide Mountain Terrane units associated with the Ice deposit are variably strained, intercalated, basalts, ultramafic and mafic plutonic rocks, ribbon cherts with associated argillite and sandstone, and minor limestone (Moore *et al.*, 2003).

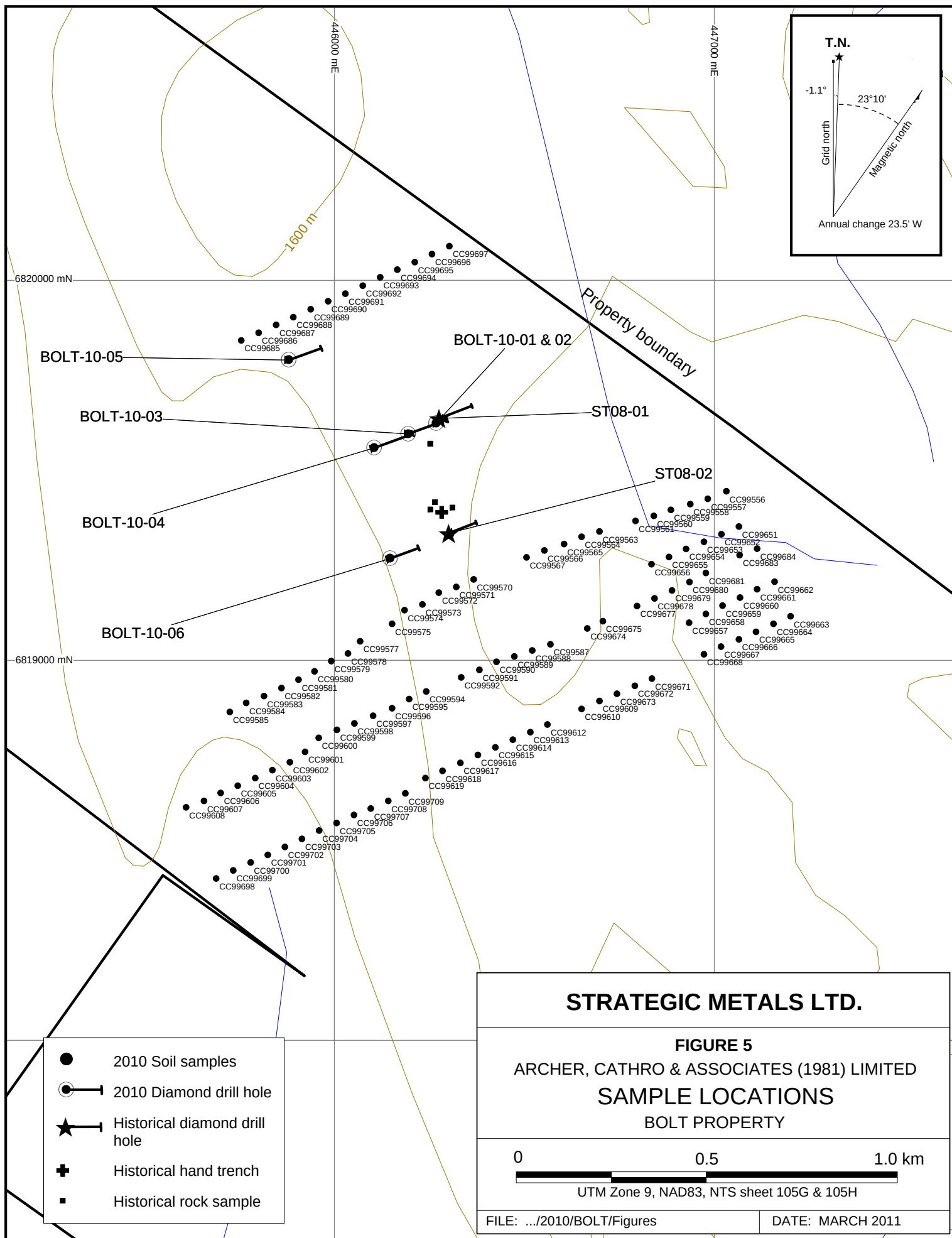
The style of mineralization at the Ice property is classified as a Cyprus-type massive sulphide deposit. Cyprus-type deposits are commonly hosted within basalt, pillow lava and ophiolitic complexes, formed in mid-ocean ridge or volcanic island settings. A string of massive sulphide lenses often forms along an elongate fissure zone. There may be mineralized horizons at several stratigraphic levels due to intermittent volcanism within spreading centres and reactivated fissure zones.

Mineralization at the Ice property is mainly copper with variable amounts of gold, silver, zinc, and cobalt. The copper is concentrated in an upper massive sulphide horizon and a lower stockwork horizon as chalcopyrite with pyrite and occasional bornite (Moore *et al.*, 2003). Secondary copper minerals occur above or peripheral to the primary mineralization and were formed either by in-situ oxidation or by precipitation following leaching and groundwater transport. Secondary copper minerals are typically cuprite, malachite, black copper oxides and chalcocite (Moore *et al.*, 2003).

The discovery showing is marked by a 30 m diameter vegetation kill zone featuring malachite cemented glacial till. A typical specimen from the kill zone assayed 0.68% copper and a malachite-rich sample assayed 11.3% copper. The copper in this kill zone was leached and transported in groundwater before precipitating in the till. The leached source rocks appear at surface as limonite boxwork talus that typically grade less than 0.3% copper. Copper is the only metal that is strongly remobilized. The showing was discovered by following up a reconnaissance-scale copper-in-soil anomaly (Eaton and Pigage, 1997).

HISTORICAL ROCK SAMPLING

In 2009, six rock samples were taken on prospecting and mapping traverses. All of these samples were taken of ferricrete material from kill zones on the property (Figure 5). They returned anomalous copper, silver and zinc values from 115 to 3060 ppm, 1.6 to 2.5 ppm and 75 to 743 ppm respectively. Malachite coats exterior surfaces of basalt talus, which is found as far



as 500 m downslope from the ferricrete kill zones; however the interior of the basalt is barren. It is believed that copper on the rocks was leached from a source near the kill zones and then transported in acidic groundwater down the hydraulic gradient until it reached favourable chemical conditions, where it precipitated as malachite. A similar phenomenon was observed at the Ice property (Eaton and Pigage, 1997).

SOIL GEOCHEMISTRY

Previous geochemical sampling on the Bolt property included contour and grid soil sampling, with a minimum of about 45 m between sample sites. Copper, cobalt and zinc values were weakly to highly anomalous in the north-central part of the claim block.

A total of 112 soil samples were collected during the 2010 field program. These samples were taken using hand held soil augers. Sample locations and results for copper, cobalt and zinc are plotted on Figures 6 to 8. Sampling and Analytical Procedures for 2010 samples are provided in Appendix II, while Certificates of Analysis are given in Appendix III.

The soil samples yielded weakly to highly anomalous values for copper, with four samples measuring between 3780 and 7810 ppm. Cobalt values were moderately anomalous with two samples yielding 118 and 167 ppm. Zinc values were slightly elevated and moderately anomalous, with five samples assaying between 224 to 344 ppm.

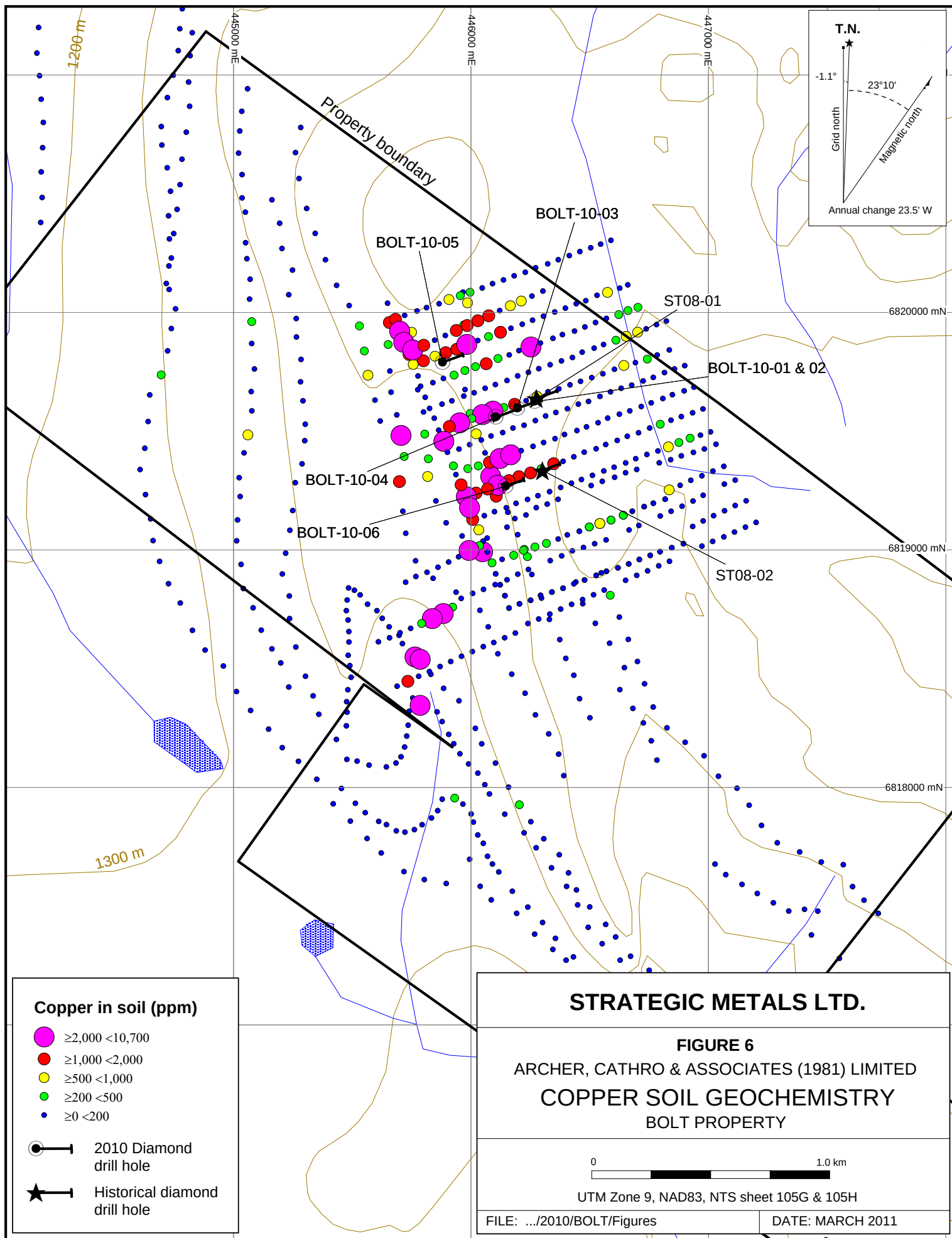
Overall, the soil sampling data defined a strong but slightly, discontinuous copper anomaly with weaker, intermittent zinc and cobalt support. The copper anomaly trends approximately north-northwesterly, subparallel to stratigraphy, and covers a 1600 by 500 m area.

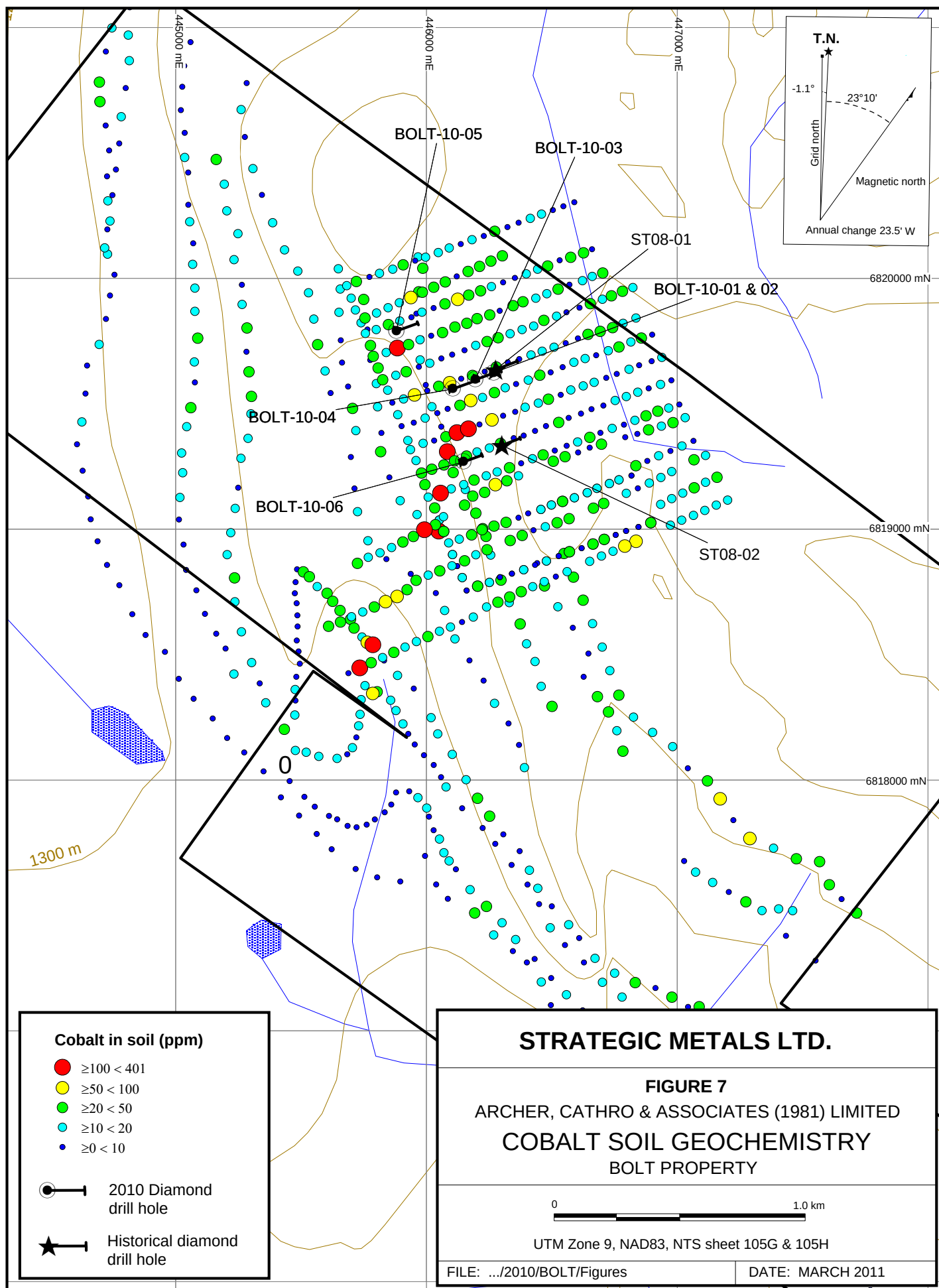
HISTORICAL HAND TRENCHING

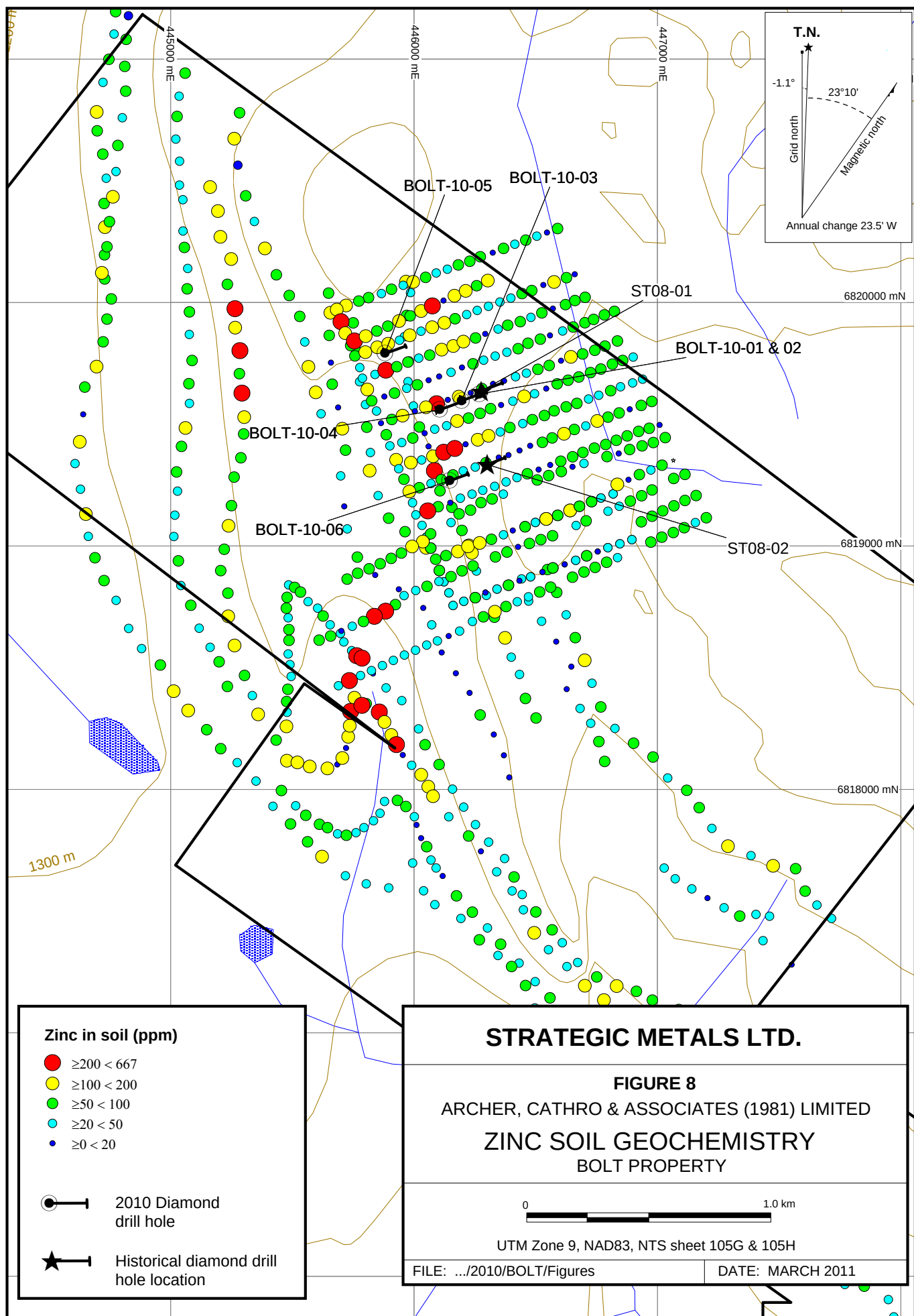
In 2009, two hand trenches were dug across one of the larger kill zones in the vicinity of the soil geochemical anomaly (Figure 9).

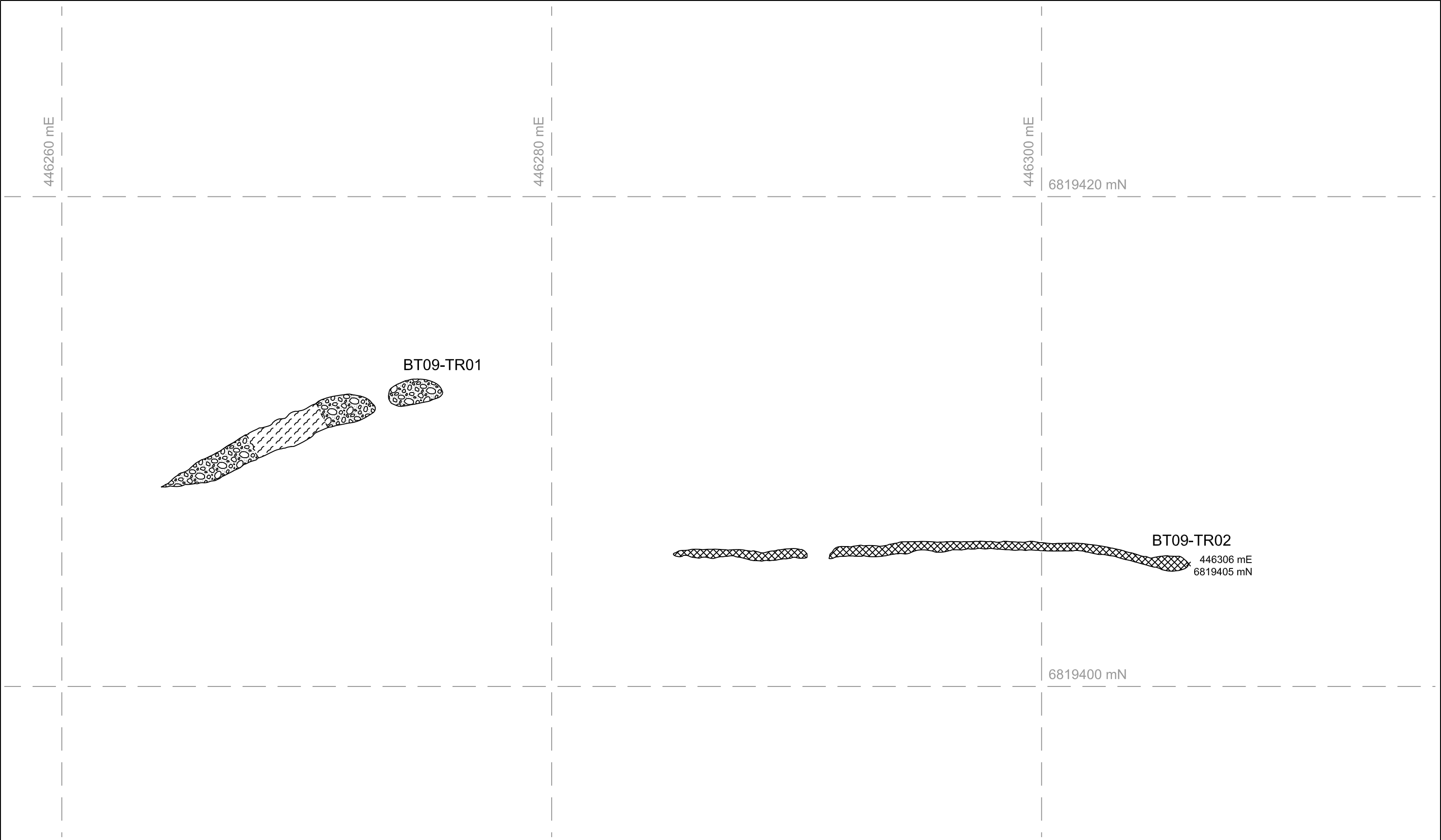
Trench BT09-TR01 was dug at the western end of the kill zone. It is 12.2 m long and 0.75 m deep on average (Figure 10). A shallow water table impeded excavation and the trench was abandoned before reaching bedrock. Chip samples were taken of the mud and clay at the bottom of the trench. They returned a weighted average of 900 ppm copper, 441 ppm zinc and 61 ppm cobalt across the 6 m sampled.

Trench BT09-TR02 was dug across the same kill zone starting from its eastern end. It is 20.1 m long and ranges from 0.5 m to 1.0 m in depth (Figure 11). This trench exposed medium to dark brown ferricrete, with angular pieces of country rock ranging from gravel- to cobble-size, along its entire length. Chip samples taken from it returned a weighted average of 2019 ppm copper, 137 ppm zinc and 14 ppm cobalt across 20.1 m.

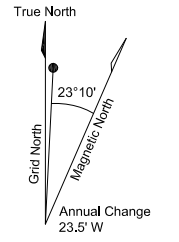
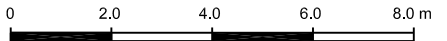




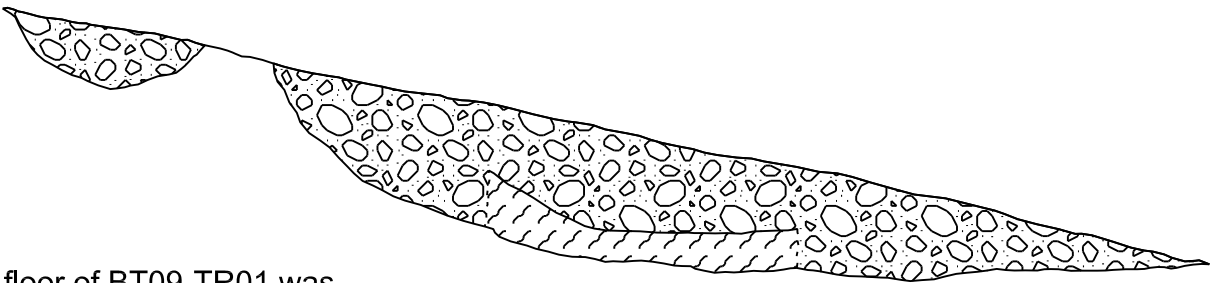




	Orange/brown, oxidized soil with 20 to 30%, 10 to 20 mm cobbles of chlorite- and hematite-altered mafic rock and strongly oxidized ferricrete (iron oxide cement).
	Medium green/grey, clay-rich soil.
	Dark to reddish brown ferricrete with 50 to 80 % clasts of a chlorite-altered mafic rock (0.5 to 3 cm) and 0 to 10 % porosity. The ferricrete is sometimes more orange or black, depending on the relative abundance of limonite and manganese oxide.

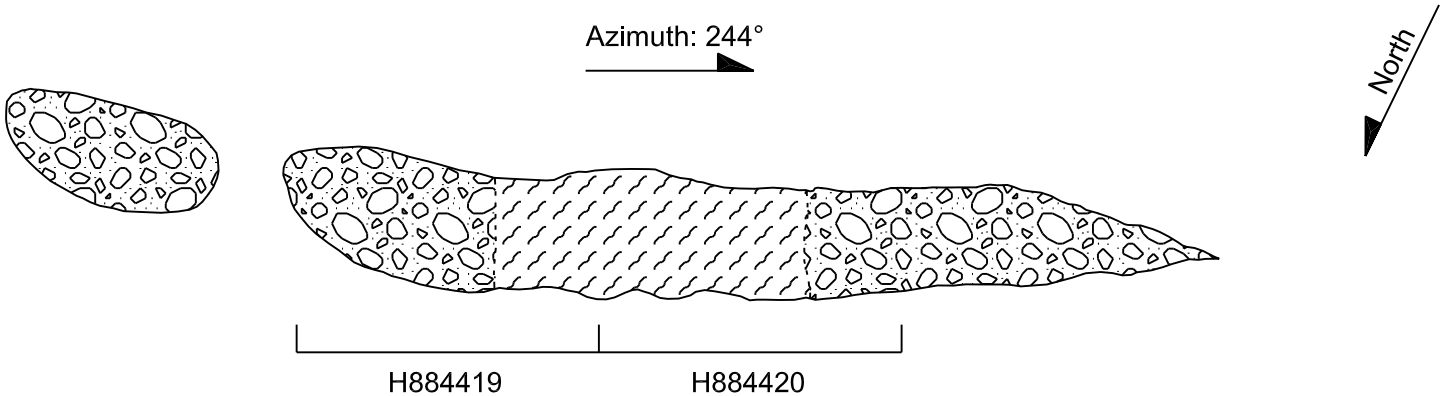
	STRATEGIC METALS LTD.	
	FIGURE 9	
	ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	
	TRENCH LOCATIONS BOLT PROPERTY	
		
	FILE: ...2010\BOLT\Figures	DATE: MARCH 2011

Section View (looking south)



*Due to a shallow water table, the floor of BT09-TR01 was saturated with water before reaching bedrock. Trench samples were taken from the bottom of the trench and were combinations of oxidized soil and green/grey clay.

Plan View



Sample No.	Ag (ppm)	Co (ppm)	Cu (ppm)	Zn (ppm)	Sample Interval
H884419	<0.2	46	924	389	3.0 m
H884420	<0.2	76	875	493	3.0 m



Orange/brown, oxidized soil with 20 to 30%, 10 to 20 mm cobbles of chlorite- and hematite-altered mafic rock and strongly oxidized ferricrete (iron oxide cement).



Medium green/grey, clay-rich soil.



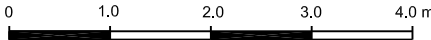
Assay interval and sample number.

STRATEGIC METALS LTD.

FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

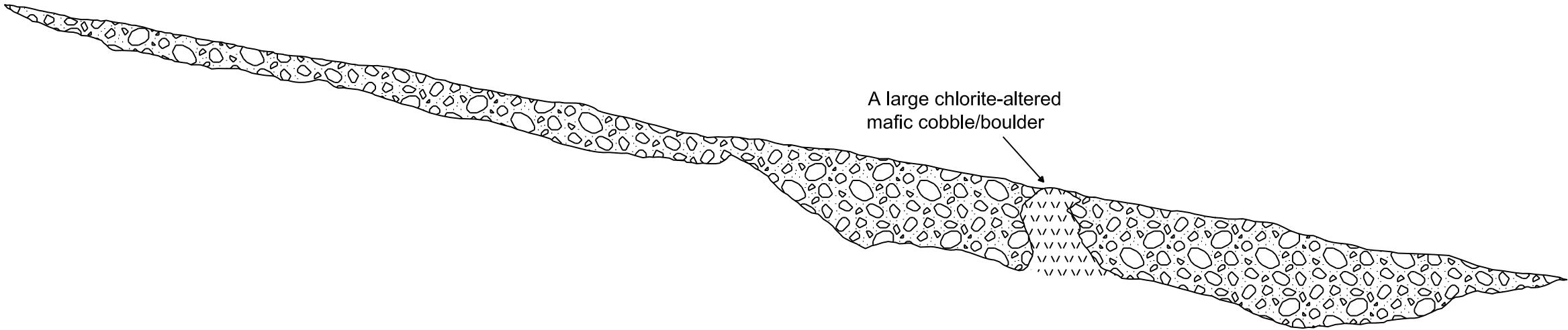
BT09-TR01 TRENCH MAP
BOLT PROPERTY



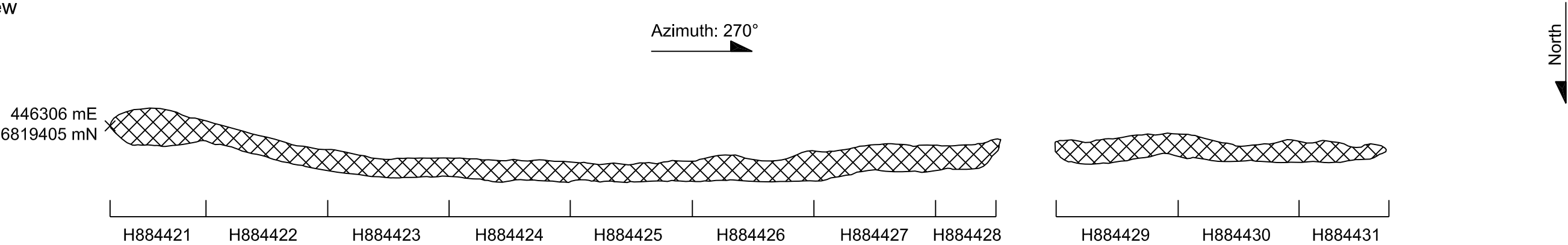
FILE: .../2010/BOLT/Figures

DATE: MARCH 2011

Section View (looking south)



Plan View



Sample No.	Ag (ppm)	Co (ppm)	Cu (ppm)	Zn (ppm)	Sample Interval
H884421	<0.2	8	2920	157	1.6 m
H884422	<0.2	18	1505	119	2.0 m
H884423	<0.2	17	2140	147	2.0 m
H884424	0.3	9	2680	133	2.0 m
H884425	<0.2	8	2190	136	2.0 m
H884426	<0.2	13	1610	153	2.0 m
H884427	0.9	23	1300	122	2.0 m
H884428	1.3	18	2180	181	1.0 m
H884429	1.5	10	2470	118	2.0 m
H884430	1.4	13	2020	82	2.0 m
H884431	0.6	24	1270	205	1.5 m

Loose oxidized gravel of orange/brown ferricrete (iron oxide cement).

Dark to reddish brown ferricrete with 50 to 80 % clasts of a chlorite-altered mafic rock (0.5 to 3 cm) and 0 to 10 % porosity. The ferricrete is sometimes more orange or black, depending on the relative abundance of limonite and manganese oxide.

Green, moderately chlorite-altered mafic unit.

Assay interval and sample number.

STRATEGIC METALS LTD.

FIGURE 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BT09-TR02 TRENCH MAP

BOLT PROPERTY

01.02.0

1.02.0

2.02.0

3.02.0

4.02.0

FILE: ..2010BOLT\Figures

DATE: MARCH 2011

HISTORICAL DIAMOND DRILLING

In 1998, Cominco drilled two holes in the area now covered by the Bolt property (Figure 5). Results are summarized below.

ST98-01 was designed to test a weak UTEM and HTEM geophysical anomalies. It was collared east (uphill) of the ferricrete kill zones and the main part of the copper anomaly (Figure 12). The drilling encountered broken ground and gave poor core recovery. However, one 3 m long “pebble wash” zone assayed 3.1% copper and 6.4 g/t silver across 3 m and a stringer vein zone below the “pebble wash” zone graded 1.9% copper and 5.7 g/t silver across 1.9 m.

ST98-02 was drilled near the top of the largest kill zone on the property (Figure 13). This hole also experienced difficult drilling conditions and gave poor core recovery, especially near the top of the hole. No mineralization was encountered in this hole.

2010 DIAMOND DRILLING

A six hole, diamond drill program was completed on the Bolt property in 2010. The holes were designed to test stratabound VMS potential. The program assumed that mineralized strata dipped shallowly to moderately toward the southwest.

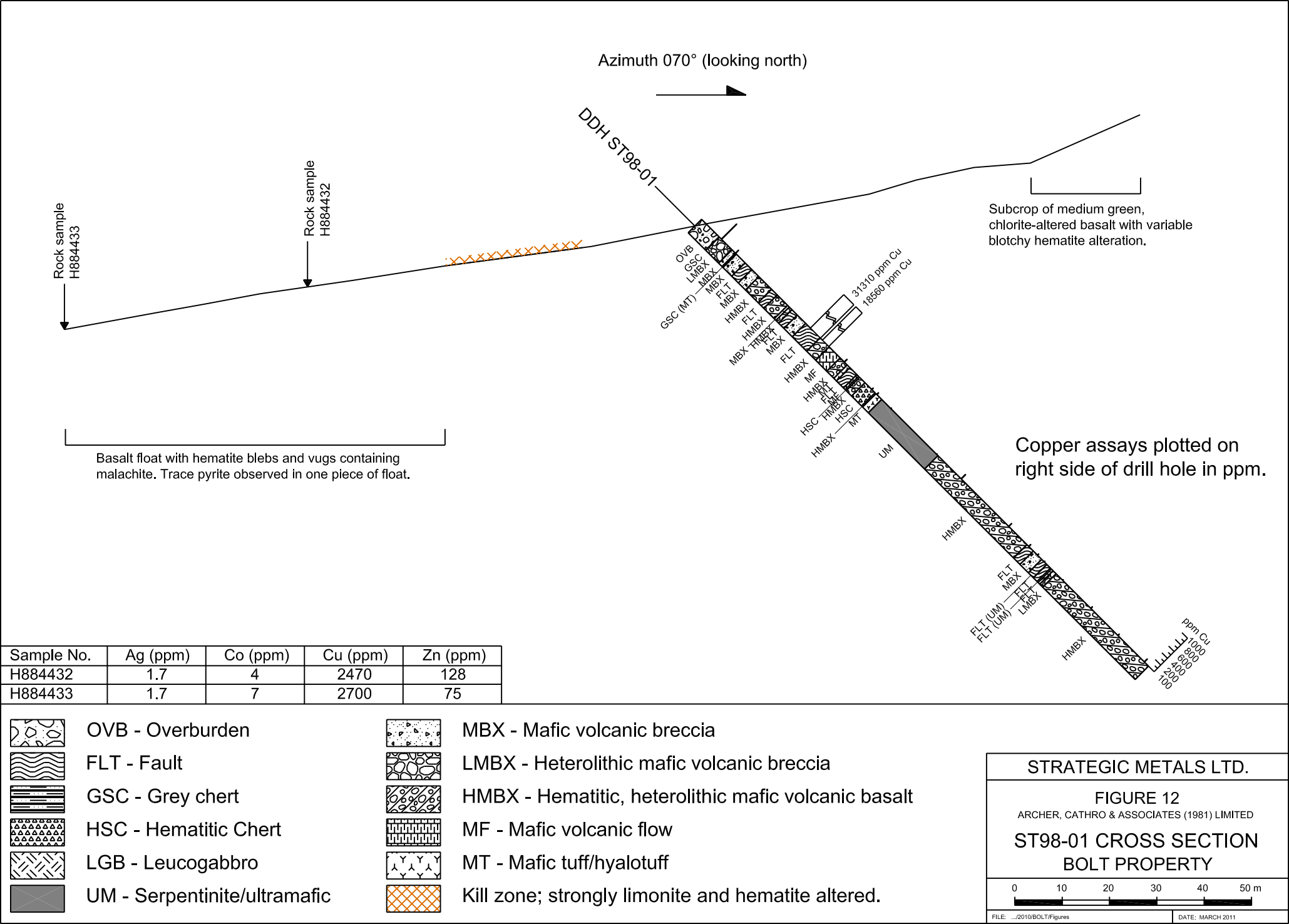
The first hole was collared on July 18, and the sixth hole was completed on August 5. The work was contracted to Top Rank Diamond Drilling Ltd. of Ste Rose du Lac, Manitoba, and was done with a heliportable, diesel-powered JKS-300 drill using NTW and BTW equipment. The drill was set up on a platform of 8”x 8” timbers covered with 2”x 8” planks, which was constructed on sites that were dug by hand. A total of 648.73 m of diamond drilling was completed.

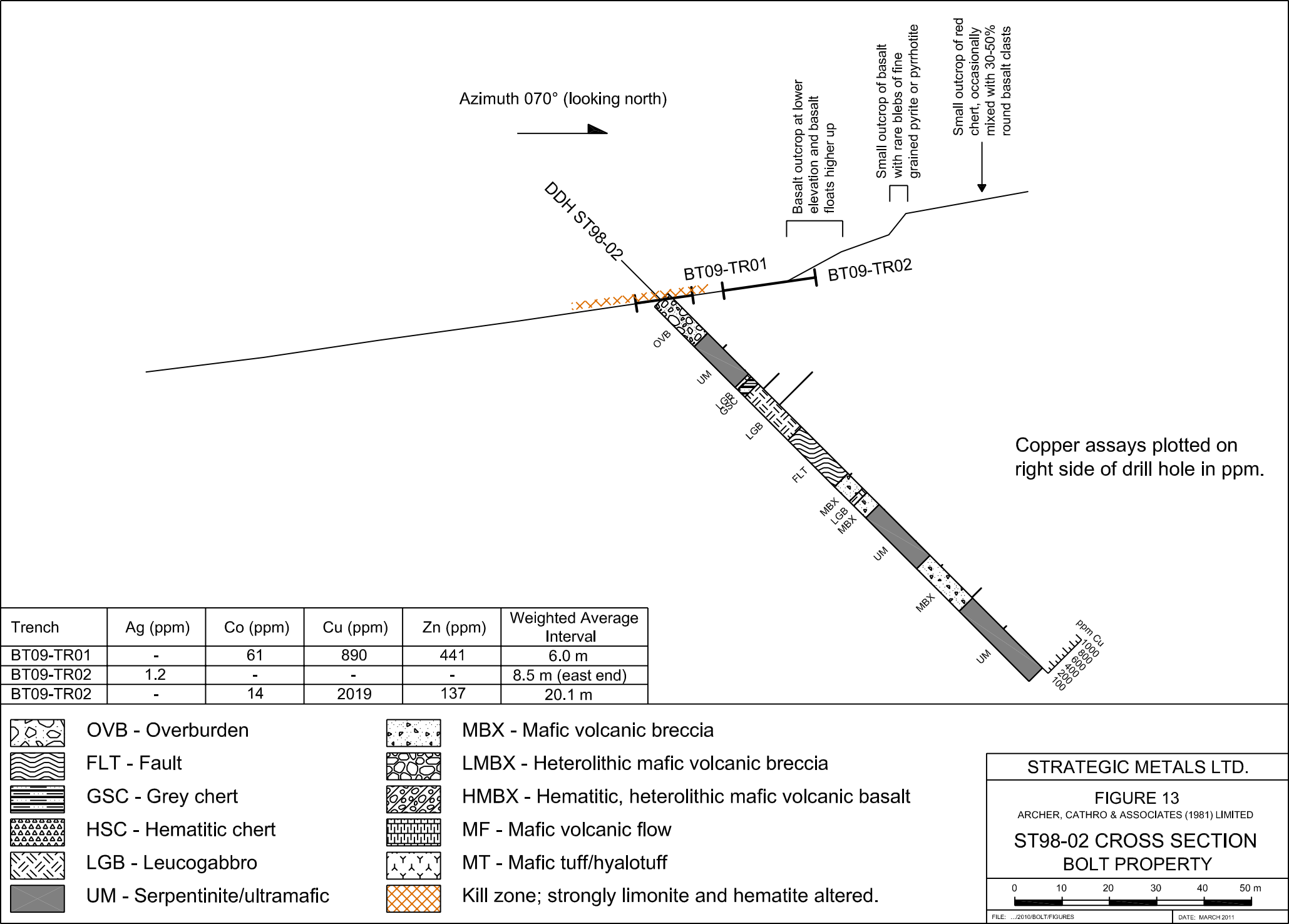
The collar of BOLT-10-01 is located slightly downhill to the southwest of ST-98-01. The plan view locations for all holes are plotted on Figure 5, while cross-sections are illustrated on Figures 14 to 20. Sampling and Analytical Procedures for the core are explained in Appendix II, Certificates of Analyses are provided in Appendix III, and Geological and Geotechnical Logs are given in Appendix IV. Key data concerning the 2010 drill hole are shown on Table I.

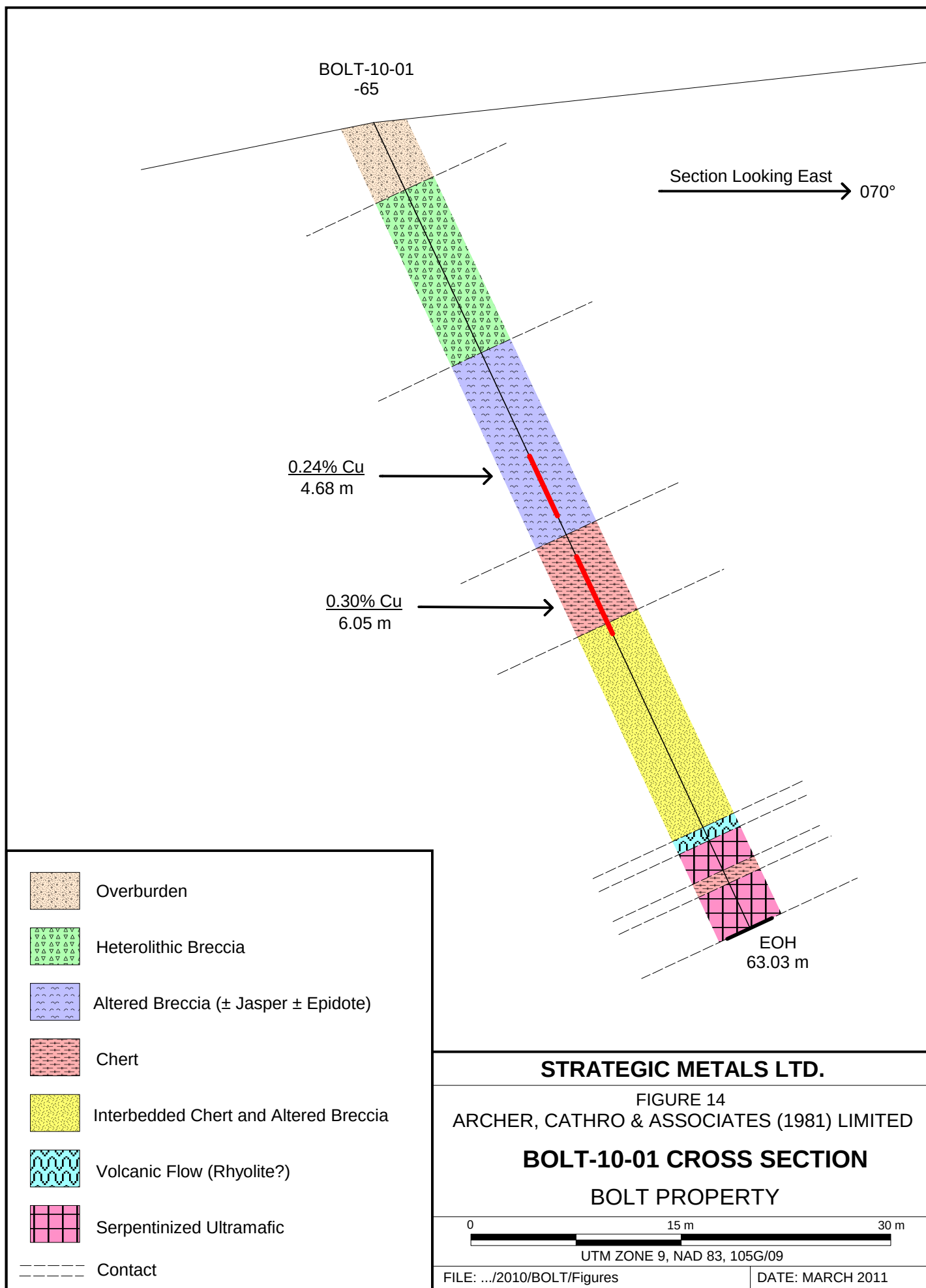
Table I – Drill Hole Data

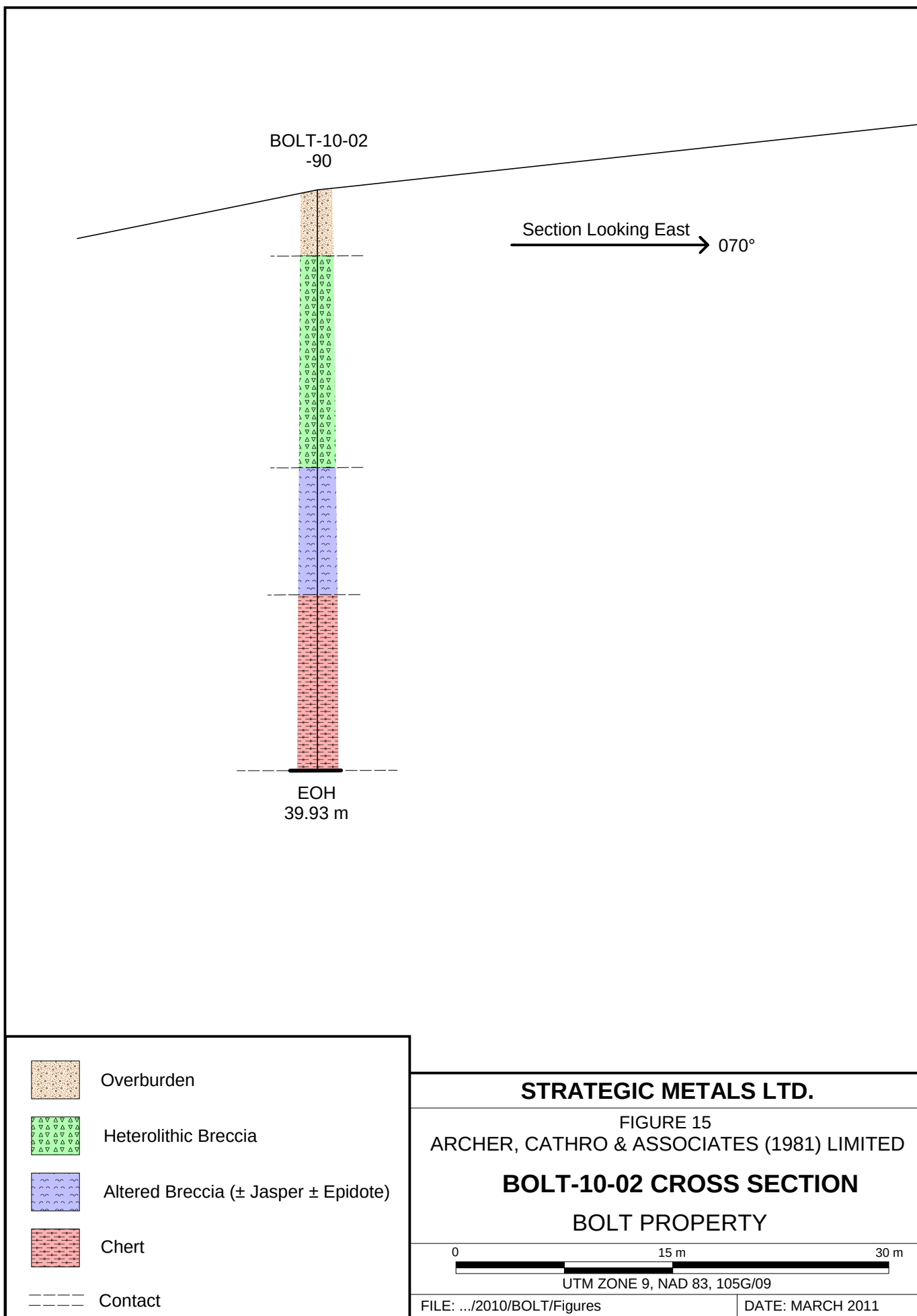
Hole	Easting (m)	Northing (m)	Elevation (m)	Azimuth	Dip Angle	Length (m)
BOLT-10-01	446268	6819624	1525	070	-65°	63.03
BOLT-10-02	446268	6819624	1525	070	-90°	39.93
BOLT-10-03	446195	6819596	1510	070	-45°	152.7
BOLT-10-04	446105	6819559	1500	070	-45°	152.7
BOLT-10-05	446880	6819790	1485	070	-45°	128.32
BOLT-10-06	446147	6819268	1470	070	-45°	112.05

The holes intersected four main lithological units. Results from individual holes and unit descriptions are summarized in the following paragraphs.









STRATEGIC METALS LTD.

FIGURE 16

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BOLT-10-03 CROSS SECTION

BOLT PROPERTY

0 25 m 50 m

UTM ZONE 9, NAD 83, 105G/09

FILE: .../2010/BOLT/Figures

DATE: MARCH 2011

BOLT-10-03
-45

Section Looking East
→ 070°



Overburden



Leucogabbro



Serpentinized Ultramafic



Heterolithic Breccia



Altered Breccia (± Jasper ± Epidote)



Volcanic Flow (Rhyolite?)



Interfingering Altered Breccia & Volcanic Flow



Contact

EOH
152.7 m

STRATEGIC METALS LTD.

FIGURE 17
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BOLT-10-04 CROSS SECTION
BOLT PROPERTY

0 25 m 50 m

UTM ZONE 9, NAD 83, 105G/09

FILE: .../2010/BOLT/Figures

DATE: MARCH 2011

BOLT-10-04
-45

Section Looking East → 070°



Overburden



Serpentinized Ultramafic



Heterolithic Breccia



Altered Breccia (± Jasper ± Epidote)



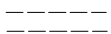
Heterolithic Mafic Breccia



Leucogabbro



Interfingering Heterolithic Mafic Breccia & Leucogabbro



Contact



Fault

EOH
152.7 m

STRATEGIC METALS LTD.

FIGURE 18
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BOLT-10-05 CROSS SECTION

BOLT PROPERTY

0 25 m 50 m

UTM ZONE 9, NAD 83, 105G/09

FILE: .../2010/BOLT/Figures

DATE: MARCH 2011

BOLT-10-05
-45

Section Looking East → 070°

0.20% Cu
1.00 m

EOH
128.32 m



Overburden



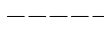
Leucogabbro



Serpentinized Leucogabbro



Serpentinized Ultramafic



Contact

STRATEGIC METALS LTD.

FIGURE 19
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BOLT-10-06 CROSS SECTION

BOLT PROPERTY

0 25 m 50 m

UTM ZONE 9, NAD 83, 105G/09

FILE: .../2010/BOLT/Figures

DATE: MARCH 2011

BOLT-10-06
-45

Section Looking East
→ 070°

EOH
112.05 m



Overburden



Serpentinized Ultramafic



Heterolithic Breccia



Altered Breccia ($\pm$ Jasper $\pm$ Epidote)

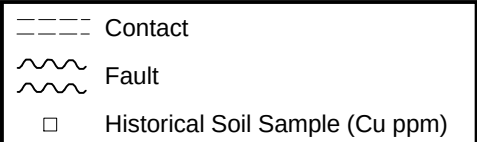
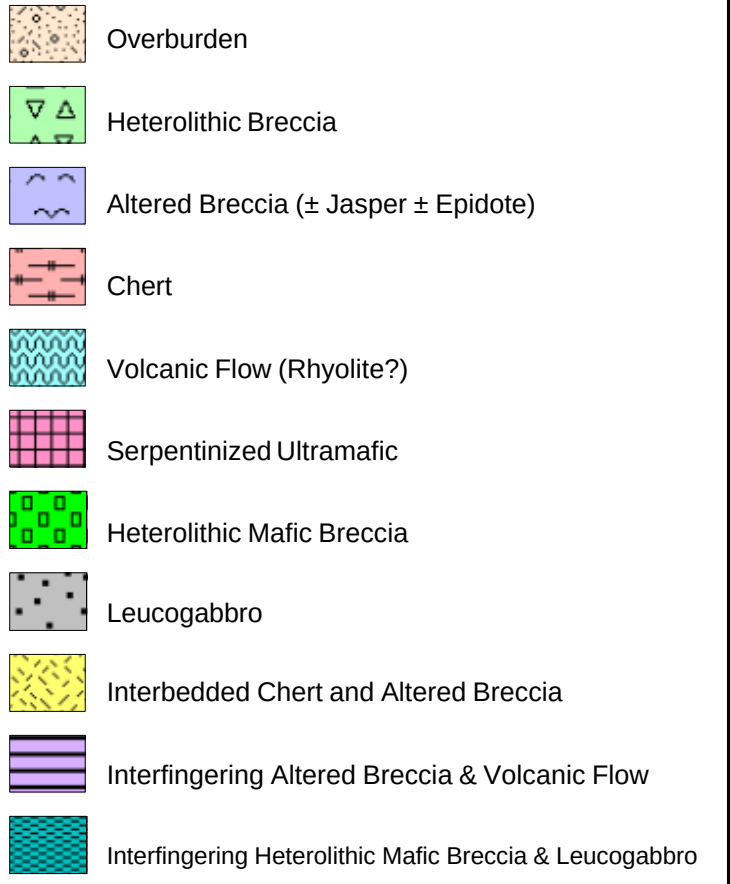
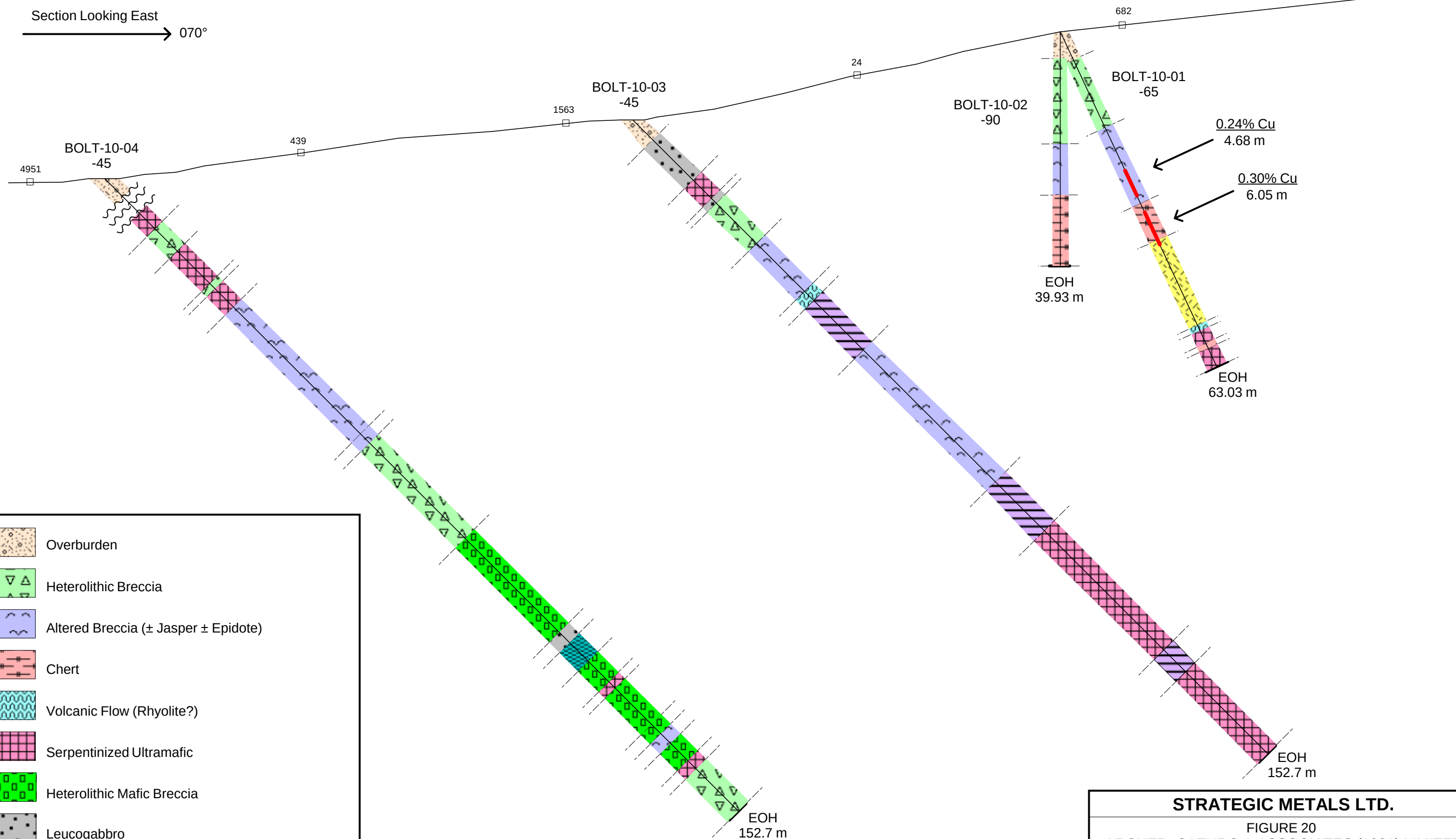


Interfingering Serpentinized Ultramafic
& Heterolithic Breccia



Contact

Section Looking East
→ 070°



STRATEGIC METALS LTD.

FIGURE 20
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
BOLT-10-01, 02, 03, 04 CROSS SECTION
BOLT PROPERTY

0 25 m 50 m

UTM ZONE 9, NAD 83, 105G/09

FILE: .../2010/BOLT/Figures

DATE: MARCH 2011

BOLT-10-01 intersected a moderately oxidized heterolithic breccia to a depth of 32.25 m, an altered chert with interbedded layers of intensely jasper and epidote altered breccia until 55.16 m, and a serpentinized ultramafic to a final depth of 63.03 m. The hole was terminated due to poor drilling conditions. However, one 4.68 m section assayed 0.24% copper, and a second zone 6.05 m long graded 0.30% copper and 1.62 g/t silver.

BOLT-10-02 intersected a moderately to strongly oxidized heterolithic breccia to a depth of 27.73 m, and an epidote and jasper altered chert to a depth of 39.93 m. The hole was terminated due to poor drilling conditions.

BOLT-10-03 intersected a megacrystic leucogabbro to a depth of 20.11 m, a heterolithic volcanic breccia until 41.35 m, a volcanic flow to 43.55 m, a volcanic flow interfingering a volcanic breccia to 99.00 m, and a serpentinized ultramafic to a final depth of 152.70 m.

BOLT-10-04 intersected a fault scarp composed of an altered breccia and a rubbly conglomerate to a depth of 8.50 m, a leucogabbro occurs from 109.62 to 116.60 m. Alternating layers of serpentinized ultramafic and weakly to strongly altered heterolithic breccia comprise the remainder of the hole.

BOLT-10-05 intersected an altered leucogabbro to a depth of 28.30 m, a serpentinized leucogabbro until 73.46 m, and an ultramafic to a final depth of 128.32 m.

BOLT-10-06 intersected alternating layers of ultramafic and moderately altered heterolithic breccia for its entire length. The hole was terminated at a depth of 112.05 m.

Overall, the units were relatively easily distinguishable and most showed cross-cutting relationships. Below is a summary of the lithologies encountered.

The heterolithic breccia generally exhibits some degree of oxidation (from weak to pervasive) and is typically light to dark green in colour. The unit is mainly matrix supported. Soft, dark tension gashes are common throughout and increase in concentration along lithological contacts. Numerous zones exhibit jasper and epidote alteration. Pyrite is disseminated and fine grained.

The chert layers are light to deep maroon in colour, and occasionally contain pink wisps. The units are generally silicified and contain white quartz veins that resemble weak stockwork. Moderate jasper and epidote alteration are common. Gypsum rosettes were observed in one hole.

The leucogabbro is light to dark green and weathers to light brown-orange. Crystals are equigranular and coarse grained. White plagioclase crystals range in size from 2 to 12 mm in diameter and few have a light green, chloritic(?) halo.

The serpentinized ultramafic is dark green to black, weakly to strongly magnetic, and contains numerous white carbonate stringers. Clay alteration is common and results in soft, mushy zones approximately 5 to 20 cm wide. Asbestos was observed in zones with numerous slickensides.

DISCUSSION AND CONCLUSIONS

The 2010 field program focused on ferricrete kill zones associated with the very strong copper-in-soil anomalies in the north-central half of the Bolt property. Soil geochemical sampling better defined and expanded anomalous results for copper, cobalt and zinc within a north-northwesterly trending zone. Diamond drilling intersected only minimal mineralization and failed to explain the ferricrete and anomalous soils. Although the degree of alteration and the lithological units encountered are favourable for Cyprus-style VMS mineralization, copper mineralization was only intersected in highly fractured sections, which suggests a structural rather than stratigraphic control. All holes drilled to date have tested for a westerly dipping zone and most would not have cut a subvertical or easterly dipping source.

Based on the intense copper-in-soil geochemical anomalies and strong ferricrete zones, the Bolt claims warrant further work. Drill holes should be collared uphill of the soil anomalies and be drilled toward the west. However, additional mapping and structural measurements are recommended in the area surrounding the anomalous zone, before diamond drilling starts.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Oliver Fu, B.Sc.

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APPENDIX I
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

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

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

Oliver Fu, B.Sc. Earth & Planetary Sciences

APPENDIX II

SAMPLE HANDLING AND ANALYTICAL PROCEDURES

2010 Drill Core

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

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

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

2010 Soil Geochemical Samples

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

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

APPENDIX III
CERTIFICATES OF ANALYSIS



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Page: 1
Finalized Date: 5-AUG-2010
Account: MTT

CERTIFICATE VA10104813

Project: BOLT

P.O. No.:

This report is for 100 Soil samples submitted to our lab in Vancouver, BC, Canada on 30-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

BILL WENGZYNOWSKI

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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Page: 2 - A
Total # Pages: 4 (A - C)
Finalized Date: 5-AUG-2010
Account: MTT

Project: BOLT

CERTIFICATE OF ANALYSIS VA10104813

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
CC99651		0.10	<0.001	<0.2	0.42	15	<10	50	<0.5	<2	0.18	0.9	3	9	11	0.53
CC99652		0.18	0.001	<0.2	1.46	2	<10	80	<0.5	<2	0.59	<0.5	13	67	56	2.12
CC99653		0.16	0.003	0.2	1.81	2	<10	130	0.6	<2	0.20	<0.5	6	44	60	1.03
CC99654		0.28	0.003	<0.2	2.05	5	<10	120	<0.5	<2	0.71	<0.5	14	113	123	3.07
CC99655		0.14	<0.001	0.2	0.57	<2	<10	70	<0.5	<2	0.08	<0.5	2	10	36	0.42
CC99656		0.22	0.009	0.2	2.32	5	<10	180	<0.5	<2	1.08	<0.5	32	162	525	4.79
CC99657		0.32	<0.001	<0.2	2.48	8	<10	110	<0.5	<2	1.04	<0.5	19	154	49	3.36
CC99658		0.38	<0.001	<0.2	2.21	5	<10	120	<0.5	<2	1.04	<0.5	18	98	52	2.99
CC99659		0.32	0.002	<0.2	1.98	6	<10	430	<0.5	<2	0.70	<0.5	18	102	54	3.24
CC99660		0.14	0.004	0.2	2.55	6	<10	330	<0.5	<2	0.64	<0.5	21	138	112	3.36
CC99661		0.36	0.002	<0.2	2.12	5	<10	120	<0.5	<2	0.94	<0.5	19	123	78	3.31
CC99662		0.30	0.004	<0.2	2.55	9	<10	450	0.5	<2	0.97	<0.5	24	117	111	3.76
CC99663		0.24	<0.001	<0.2	1.70	2	<10	110	<0.5	<2	0.59	<0.5	15	99	93	2.46
CC99664		0.18	<0.001	<0.2	1.73	5	<10	190	<0.5	<2	0.41	<0.5	11	72	53	2.69
CC99665		0.30	0.001	<0.2	1.61	8	<10	400	0.6	<2	0.37	<0.5	14	73	110	2.80
CC99666		0.30	<0.001	<0.2	1.31	6	<10	380	<0.5	<2	0.55	<0.5	16	58	64	2.29
CC99667		0.30	0.001	<0.2	2.10	4	<10	160	<0.5	<2	0.93	<0.5	17	103	41	3.26
CC99668		0.24	0.002	<0.2	1.87	6	<10	130	<0.5	<2	0.39	<0.5	16	125	46	2.83
CC99669	Empty Bag															
CC99670	Empty Bag															
CC99671		0.30	0.003	<0.2	1.33	5	10	140	<0.5	<2	0.26	<0.5	67	594	32	3.61
CC99672		0.26	0.001	0.2	1.51	5	10	90	<0.5	<2	0.33	<0.5	55	621	32	3.99
CC99673		0.26	0.001	<0.2	1.61	6	<10	130	<0.5	<2	0.53	<0.5	17	93	49	2.77
CC99674		0.26	<0.001	<0.2	1.88	2	<10	350	<0.5	<2	0.69	<0.5	23	451	35	2.82
CC99675		0.26	0.001	<0.2	2.15	5	<10	270	<0.5	<2	0.43	<0.5	21	321	78	3.08
CC99676	Empty Bag															
CC99677		0.16	<0.001	<0.2	1.15	2	<10	100	<0.5	<2	0.41	<0.5	13	192	19	1.79
CC99678		0.14	0.001	0.2	2.75	4	<10	100	0.7	<2	0.24	<0.5	6	61	69	2.65
CC99679		0.22	0.002	<0.2	1.83	6	<10	140	<0.5	<2	0.82	<0.5	13	67	40	2.59
CC99680		0.28	<0.001	0.2	2.57	7	<10	100	<0.5	<2	0.43	<0.5	10	89	28	3.95
CC99681		0.24	0.001	<0.2	1.63	8	<10	130	<0.5	<2	0.42	<0.5	10	61	34	3.00
CC99682	Empty Bag															
CC99683		0.32	0.004	<0.2	2.65	4	<10	190	0.6	<2	0.69	<0.5	20	140	55	3.95
CC99684		0.10	0.001	0.2	2.28	3	<10	180	0.6	<2	0.46	<0.5	19	126	56	2.71
CC99685		0.16	0.011	0.4	2.61	5	<10	310	0.6	<2	1.69	<0.5	22	278	4530	3.23
CC99686		0.12	0.006	0.2	1.67	2	<10	510	<0.5	<2	0.65	<0.5	15	128	1245	1.86
CC99687		0.22	0.001	0.2	1.21	3	<10	400	<0.5	<2	0.68	<0.5	13	73	78	2.65
CC99688		0.36	<0.001	<0.2	1.48	4	<10	470	<0.5	<2	0.91	<0.5	11	50	57	1.88
CC99689		0.10	0.002	1.0	2.64	2	<10	370	0.7	<2	0.45	0.5	59	242	1805	3.71
CC99690		0.18	0.001	0.2	1.60	2	<10	260	0.5	<2	0.34	<0.5	25	147	1835	2.19



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CERTIFICATE OF ANALYSIS VA10104813

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
CC99651		<10	<1	0.02	<10	0.07	167	<1	0.04	4	650	9	0.06	<2	<1	7
CC99652		<10	<1	0.02	10	0.61	493	1	0.02	33	740	7	0.03	<2	3	14
CC99653		<10	<1	0.02	10	0.16	421	1	0.02	14	2630	4	0.24	<2	<1	10
CC99654		10	<1	0.03	10	1.09	356	1	0.01	68	630	6	0.01	<2	7	16
CC99655		<10	<1	0.02	<10	0.04	61	1	0.03	4	940	3	0.04	<2	<1	7
CC99656		10	<1	0.04	10	1.46	654	2	0.01	86	730	7	0.02	<2	8	21
CC99657		10	<1	0.04	10	1.43	588	<1	0.01	91	660	6	0.01	<2	7	15
CC99658		10	<1	0.05	10	0.88	502	<1	0.01	51	510	7	0.01	<2	6	14
CC99659		10	<1	0.04	10	1.12	722	1	0.02	67	790	9	0.01	<2	6	21
CC99660		10	<1	0.04	10	1.01	953	1	0.02	75	840	8	0.07	<2	8	16
CC99661		10	<1	0.03	10	0.92	543	<1	0.01	66	590	5	0.01	<2	8	17
CC99662		10	<1	0.05	10	1.08	991	1	0.02	62	1000	9	0.02	<2	13	38
CC99663		<10	<1	0.03	10	0.79	267	<1	0.01	53	500	7	0.01	<2	5	15
CC99664		10	<1	0.03	10	0.47	729	1	0.01	25	600	7	0.05	<2	3	11
CC99665		<10	<1	0.04	20	0.74	904	1	0.01	58	770	12	0.01	<2	5	17
CC99666		<10	<1	0.03	10	0.66	656	<1	0.01	36	570	6	<0.01	<2	5	21
CC99667		10	<1	0.03	10	1.24	561	<1	0.01	55	530	5	0.01	<2	8	16
CC99668		10	<1	0.05	10	1.24	381	1	0.01	95	630	7	0.01	<2	5	15
CC99669																
CC99670																
CC99671		<10	<1	0.03	10	7.66	657	<1	0.02	662	300	7	0.01	<2	8	9
CC99672		<10	<1	0.02	10	8.39	639	<1	0.01	667	250	4	0.01	<2	7	8
CC99673		10	<1	0.04	10	0.92	543	1	0.01	68	650	7	<0.01	<2	5	17
CC99674		<10	<1	0.02	10	3.79	479	<1	0.02	297	370	4	0.01	<2	6	12
CC99675		10	<1	0.03	10	2.94	544	<1	0.01	208	490	8	0.01	<2	4	14
CC99676																
CC99677		<10	<1	0.02	<10	1.15	289	<1	0.02	106	510	4	0.04	<2	2	10
CC99678		<10	<1	0.04	10	0.20	221	1	0.02	24	2380	7	0.16	<2	<1	9
CC99679		<10	<1	0.05	10	0.67	329	<1	0.01	42	650	7	0.01	<2	4	18
CC99680		10	<1	0.05	10	0.57	361	1	0.02	33	1080	7	0.08	<2	4	10
CC99681		10	<1	0.06	10	0.59	387	1	0.02	42	990	8	0.05	<2	3	17
CC99682																
CC99683		10	<1	0.05	10	0.83	1105	1	0.02	50	1520	5	0.21	<2	3	15
CC99684		10	<1	0.04	10	0.74	1150	1	0.02	69	1660	6	0.17	<2	2	15
CC99685		10	<1	0.05	10	1.53	436	<1	0.02	270	1410	9	0.13	<2	11	26
CC99686		<10	<1	0.05	10	1.01	304	<1	0.03	97	910	4	0.06	<2	5	20
CC99687		<10	<1	0.06	10	0.35	753	1	0.02	21	1060	8	0.05	<2	4	8
CC99688		<10	<1	0.08	<10	0.27	746	1	0.02	21	1350	6	0.09	<2	2	13
CC99689		10	<1	0.06	10	1.57	1160	<1	0.02	172	510	8	0.03	<2	6	16
CC99690		10	<1	0.03	10	0.71	557	<1	0.03	106	890	5	0.07	<2	4	16



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CERTIFICATE OF ANALYSIS VA10104813

Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
CC99651		<20	0.03	<10	<10	16	<10	1070
CC99652		<20	0.12	<10	<10	57	<10	95
CC99653		<20	0.01	<10	<10	45	<10	34
CC99654		<20	0.23	<10	<10	79	<10	76
CC99655		<20	0.01	<10	<10	9	<10	12
CC99656		<20	0.25	<10	<10	111	<10	100
CC99657		<20	0.16	<10	<10	81	<10	75
CC99658		<20	0.16	<10	<10	73	<10	61
CC99659		<20	0.16	<10	<10	70	<10	86
CC99660		<20	0.16	<10	<10	92	<10	84
CC99661		<20	0.19	<10	<10	85	<10	73
CC99662		<20	0.23	<10	<10	102	<10	84
CC99663		<20	0.15	<10	<10	65	<10	56
CC99664		<20	0.10	<10	<10	81	<10	48
CC99665		<20	0.09	<10	<10	57	<10	75
CC99666		<20	0.10	<10	<10	52	<10	54
CC99667		<20	0.16	<10	<10	79	<10	61
CC99668		<20	0.09	<10	<10	64	<10	66
CC99669								
CC99670								
CC99671		<20	0.04	<10	<10	53	<10	45
CC99672		<20	0.06	<10	<10	53	<10	86
CC99673		<20	0.13	<10	<10	62	<10	59
CC99674		<20	0.12	<10	<10	61	<10	44
CC99675		<20	0.11	<10	<10	58	<10	54
CC99676								
CC99677		<20	0.07	<10	<10	41	<10	28
CC99678		<20	<0.01	<10	<10	36	<10	37
CC99679		<20	0.12	<10	<10	58	<10	61
CC99680		<20	0.20	<10	<10	94	<10	85
CC99681		<20	0.11	<10	<10	65	<10	79
CC99682								
CC99683		<20	0.14	<10	<10	100	<10	73
CC99684		<20	0.05	<10	<10	76	<10	54
CC99685		<20	0.06	<10	<10	90	<10	344
CC99686		<20	0.05	<10	<10	44	<10	147
CC99687		<20	0.21	<10	<10	79	<10	70
CC99688		<20	0.14	<10	<10	49	<10	85
CC99689		<20	0.12	<10	<10	90	<10	182
CC99690		<20	0.06	<10	<10	54	<10	88



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CERTIFICATE OF ANALYSIS VA10104813

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
CC99691		0.20	<0.001	0.2	2.26	4	<10	390	<0.5	<2	0.56	<0.5	27	315	1780	3.10
CC99692		0.18	<0.001	0.3	3.66	5	<10	460	0.7	<2	0.65	<0.5	36	342	1910	3.66
CC99693		0.16	<0.001	<0.2	0.46	<2	<10	60	<0.5	<2	0.13	<0.5	4	31	138	0.51
CC99694		0.20	0.002	<0.2	2.49	4	<10	390	<0.5	<2	0.58	<0.5	23	148	670	2.73
CC99695		0.14	<0.001	<0.2	2.13	3	<10	420	<0.5	<2	0.67	<0.5	21	99	517	2.25
CC99696		0.10	0.001	0.2	1.98	<2	<10	250	<0.5	<2	0.57	<0.5	26	93	146	2.25
CC99697		0.12	<0.001	<0.2	2.36	4	<10	310	<0.5	<2	0.50	<0.5	20	110	183	2.39
CC99556		0.40	0.002	<0.2	2.11	4	<10	120	<0.5	<2	1.11	<0.5	18	101	50	2.90
CC99557		0.28	<0.001	<0.2	1.96	3	<10	220	<0.5	<2	0.76	<0.5	22	97	112	3.23
CC99558		0.32	0.005	<0.2	2.23	5	<10	150	<0.5	<2	1.00	<0.5	17	114	98	3.48
CC99559		0.22	0.001	<0.2	2.15	6	<10	220	<0.5	<2	0.86	<0.5	21	90	137	3.84
CC99560		0.14	<0.001	0.3	0.43	<2	<10	60	<0.5	<2	0.10	<0.5	4	20	97	0.71
CC99561		0.20	<0.001	<0.2	1.51	4	<10	200	<0.5	<2	0.74	<0.5	9	58	30	2.65
CC99562	Empty Bag															
CC99563		0.06	<0.001	<0.2	1.63	4	<10	380	<0.5	<2	0.38	<0.5	24	57	57	2.04
CC99564		0.14	0.001	<0.2	0.70	<2	<10	50	<0.5	<2	0.21	<0.5	4	27	13	1.38
CC99565		0.22	0.002	<0.2	1.46	7	<10	110	<0.5	<2	0.43	<0.5	9	61	29	3.18
CC99566		0.12	0.003	0.2	3.34	6	<10	580	0.7	<2	0.79	<0.5	41	420	109	3.66
CC99567		0.14	<0.001	0.2	1.51	3	<10	230	<0.5	<2	0.44	<0.5	40	314	56	2.90
CC99568	Empty Bag															
CC99569	Empty Bag															
CC99570		0.16	<0.001	<0.2	0.74	2	<10	100	<0.5	<2	0.26	<0.5	11	128	35	1.80
CC99571		0.18	<0.001	<0.2	1.32	<2	<10	180	<0.5	<2	0.37	<0.5	22	274	32	3.60
CC99572		0.20	<0.001	0.2	2.27	3	<10	210	<0.5	<2	0.35	<0.5	50	663	90	5.07
CC99573		0.14	0.004	0.2	2.12	<2	<10	150	<0.5	<2	0.46	<0.5	30	337	32	3.37
CC99574		0.20	<0.001	<0.2	2.10	3	<10	120	<0.5	<2	0.38	<0.5	20	263	30	3.47
CC99575		0.32	0.001	<0.2	2.54	<2	<10	140	<0.5	<2	0.50	<0.5	20	223	60	2.33
CC99576	Empty Bag															
CC99577		0.14	<0.001	<0.2	1.13	6	<10	90	<0.5	2	0.33	0.6	16	252	40	2.89
CC99578		0.16	0.001	<0.2	1.21	<2	<10	200	<0.5	2	0.57	2.0	34	330	446	3.24
CC99579		0.24	0.002	0.4	3.40	8	<10	330	1.1	2	0.60	1.0	167	358	7810	4.11
CC99580		0.28	0.004	<0.2	1.69	2	<10	210	<0.5	<2	0.40	<0.5	22	314	151	3.13
CC99581		0.28	0.002	0.2	3.20	4	<10	290	<0.5	<2	0.55	<0.5	22	227	69	3.57
CC99582		0.22	0.002	<0.2	2.49	<2	<10	260	<0.5	<2	0.37	<0.5	15	105	26	2.37
CC99583		0.12	0.001	<0.2	1.89	3	<10	130	<0.5	<2	0.26	<0.5	18	140	21	2.69
CC99584		0.20	0.001	<0.2	2.00	3	<10	100	<0.5	3	0.30	0.5	13	127	22	2.47
CC99585		0.22	<0.001	<0.2	2.87	4	<10	220	<0.5	<2	0.46	<0.5	20	167	25	3.04
CC99586	Empty Bag															
CC99587		0.30	0.004	<0.2	2.20	<2	<10	190	<0.5	4	0.86	<0.5	41	587	113	3.59
CC99588		0.12	0.005	<0.2	2.16	<2	<10	200	<0.5	<2	0.54	<0.5	22	418	50	2.57



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CERTIFICATE OF ANALYSIS VA10104813

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
CC99691		10	<1	0.04	10	2.58	474	<1	0.03	258	1250	4	0.09	<2	8	19
CC99692		10	<1	0.06	10	2.58	570	<1	0.03	284	1550	5	0.09	<2	13	23
CC99693		<10	<1	0.02	<10	0.19	70	<1	0.04	24	260	<2	0.03	<2	1	7
CC99694		10	<1	0.04	10	1.36	450	<1	0.02	110	870	5	0.06	<2	8	22
CC99695		<10	<1	0.04	10	0.96	378	<1	0.03	69	780	6	0.07	<2	5	24
CC99696		<10	<1	0.03	10	0.75	741	<1	0.02	48	680	6	0.05	<2	4	19
CC99697		10	<1	0.04	<10	0.89	629	1	0.03	75	1090	6	0.07	<2	3	16
CC99556		10	<1	0.03	10	0.92	441	<1	0.02	45	440	5	0.01	<2	8	20
CC99557		10	<1	0.04	10	1.07	700	1	0.01	55	630	6	<0.01	<2	8	22
CC99558		10	<1	0.04	10	1.09	429	1	0.02	65	540	5	0.02	<2	7	24
CC99559		10	<1	0.04	10	0.98	619	1	0.02	52	680	7	0.02	<2	7	24
CC99560		<10	<1	0.02	<10	0.12	133	<1	0.04	9	380	2	0.03	<2	1	7
CC99561		10	<1	0.03	10	0.54	242	1	0.02	21	300	6	0.02	<2	5	18
CC99562																
CC99563		<10	<1	0.05	10	0.44	1120	1	0.03	23	780	4	0.05	<2	9	16
CC99564		<10	<1	0.02	<10	0.11	231	<1	0.02	6	400	3	0.04	<2	2	6
CC99565		10	<1	0.04	10	0.53	271	1	0.01	22	530	6	0.02	<2	4	17
CC99566		10	<1	0.07	10	3.74	1935	1	0.03	268	1360	7	0.11	<2	15	26
CC99567		<10	<1	0.04	10	2.01	1085	1	0.03	196	1900	4	0.12	<2	2	20
CC99568																
CC99569		<10	<1	0.03	<10	0.81	401	<1	0.03	72	510	4	0.02	<2	1	8
CC99570		10	<1	0.04	10	1.39	595	1	0.02	119	470	7	0.02	<2	3	13
CC99571		10	<1	0.04	10	5.35	918	<1	0.02	559	870	7	0.04	<2	7	14
CC99572		10	<1	0.04	10	2.92	677	<1	0.02	231	550	4	0.03	<2	3	13
CC99573																
CC99574		10	<1	0.05	10	2.36	328	1	0.02	213	580	5	0.02	<2	3	10
CC99575		10	<1	0.02	10	3.02	238	<1	0.01	242	300	4	0.02	<2	4	14
CC99576																
CC99577		<10	<1	0.04	<10	1.55	307	2	0.01	155	720	14	0.24	<2	2	9
CC99578		<10	<1	0.04	10	2.36	652	1	0.01	266	810	7	0.20	<2	2	16
CC99579		<10	<1	0.08	10	2.31	1715	<1	0.01	438	1610	9	0.12	<2	7	16
CC99580		<10	<1	0.03	10	2.75	344	<1	<0.01	217	230	6	0.02	<2	3	9
CC99581		<10	<1	0.03	10	2.07	322	1	0.01	182	260	9	0.01	<2	4	12
CC99582		<10	<1	0.03	10	1.43	306	<1	0.01	90	320	4	0.02	<2	3	10
CC99583		<10	<1	0.03	10	1.32	393	<1	0.01	107	340	3	0.01	<2	2	7
CC99584		10	<1	0.04	10	1.31	346	<1	0.01	85	560	6	0.02	<2	2	9
CC99585		10	<1	0.03	10	1.92	515	<1	<0.01	133	300	4	0.01	<2	3	10
CC99586																
CC99587		<10	<1	0.02	10	5.45	472	<1	0.01	458	400	2	0.01	<2	9	13
CC99588		<10	<1	0.03	10	3.62	336	<1	0.01	274	430	3	0.04	<2	5	12



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Page: 3 - C
 Total # Pages: 4 (A - C)
 Finalized Date: 5-AUG-2010
 Account: MTT

Project: BOLT

CERTIFICATE OF ANALYSIS VA10104813

Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
CC99691		<20	0.06	<10	<10	61	<10	145
CC99692		<20	0.08	<10	<10	76	<10	224
CC99693		<20	0.03	<10	<10	12	<10	15
CC99694		<20	0.10	<10	<10	66	<10	136
CC99695		<20	0.09	<10	<10	55	<10	116
CC99696		<20	0.10	<10	<10	62	<10	81
CC99697		<20	0.07	<10	<10	61	<10	123
CC99556		<20	0.26	<10	<10	84	<10	66
CC99557		<20	0.18	<10	<10	81	<10	84
CC99558		<20	0.27	<10	<10	93	<10	65
CC99559		<20	0.30	<10	<10	106	<10	82
CC99560		<20	0.03	<10	<10	16	<10	10
CC99561		<20	0.20	<10	<10	84	<10	59
CC99562								
CC99563		<20	0.09	<10	<10	54	<10	47
CC99564		<20	0.12	<10	<10	47	<10	18
CC99565		<20	0.27	<10	<10	98	<10	53
CC99566		<20	0.09	<10	<10	113	<10	80
CC99567		<20	0.02	<10	<10	80	<10	58
CC99568								
CC99569								
CC99570		<20	0.07	<10	<10	43	<10	39
CC99571		<20	0.14	<10	<10	84	<10	69
CC99572		<20	0.08	<10	<10	103	<10	57
CC99573		<20	0.08	<10	<10	69	<10	71
CC99574		<20	0.09	<10	<10	59	<10	86
CC99575		<20	0.05	<10	<10	39	<10	35
CC99576								
CC99577		<20	0.07	<10	<10	42	<10	97
CC99578		<20	0.06	<10	<10	46	<10	118
CC99579		<20	0.04	<10	<10	69	<10	186
CC99580		<20	0.09	<10	<10	62	<10	58
CC99581		<20	0.10	<10	<10	72	<10	59
CC99582		<20	0.06	<10	<10	49	<10	62
CC99583		<20	0.07	<10	<10	46	<10	71
CC99584		<20	0.06	<10	<10	49	<10	83
CC99585		<20	0.08	<10	<10	57	<10	90
CC99586								
CC99587		<20	0.16	<10	<10	77	<10	76
CC99588		<20	0.09	<10	<10	59	<10	69



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CERTIFICATE OF ANALYSIS VA10104813

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC99589		0.10	0.005	<0.2	2.25	2	<10	320	<0.5	<2	0.55	<0.5	19	388	70	2.46
CC99590		0.14	<0.001	<0.2	0.28	<2	<10	50	<0.5	<2	0.10	<0.5	2	42	6	0.42
CC99591		0.36	0.003	<0.2	1.78	<2	<10	220	<0.5	2	0.61	<0.5	21	376	45	2.71
CC99592		0.16	0.005	0.2	1.63	2	<10	270	<0.5	<2	0.79	<0.5	22	290	52	2.17
CC99593		Empty Bag														
CC99594		0.28	0.001	<0.2	2.21	<2	<10	210	<0.5	2	0.75	<0.5	23	383	81	2.71
CC99595		0.24	<0.001	<0.2	1.83	2	<10	200	<0.5	2	0.66	<0.5	19	281	59	2.20
CC99596		0.20	0.006	<0.2	1.80	7	<10	80	<0.5	3	0.45	0.6	34	486	36	4.38
CC99597		0.26	0.002	<0.2	1.49	3	<10	130	<0.5	<2	0.38	<0.5	15	231	26	2.06
CC99598		0.22	<0.001	0.2	1.73	3	<10	170	<0.5	<2	0.60	0.9	26	309	47	3.02
CC99599		0.18	<0.001	<0.2	1.67	5	<10	160	<0.5	2	0.59	<0.5	18	241	28	2.71
CC99600		0.12	0.004	<0.2	2.53	3	<10	330	0.5	<2	0.69	<0.5	21	264	107	2.49
CC99601		0.18	0.001	0.2	2.24	5	<10	340	0.5	2	0.51	1.0	47	197	252	2.54
CC99602		0.28	0.001	<0.2	3.60	4	<10	250	0.8	<2	0.74	0.5	65	369	6750	3.83
CC99603		0.18	0.006	<0.2	2.91	4	<10	530	0.5	2	1.31	0.5	66	307	3780	2.20
CC99604		0.12	0.002	0.2	2.34	<2	<10	250	<0.5	<2	0.66	<0.5	21	158	386	2.01
CC99605		0.24	<0.001	<0.2	2.41	4	<10	130	<0.5	<2	0.43	<0.5	19	196	28	2.75
CC99606		0.14	<0.001	<0.2	1.02	<2	<10	100	<0.5	<2	0.24	<0.5	12	70	27	0.93
CC99607		0.26	<0.001	<0.2	2.50	3	<10	220	<0.5	<2	0.81	<0.5	26	238	30	3.36
CC99608		0.22	<0.001	0.5	1.86	3	<10	510	0.5	2	0.23	0.6	29	186	40	2.92



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Project: BOLT

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CERTIFICATE OF ANALYSIS VA10104813

[illegible]



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CERTIFICATE OF ANALYSIS VA10104813

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
CC99589		<20	0.06	<10	<10	56	<10	51
CC99590		<20	0.02	<10	<10	9	<10	5
CC99591		<20	0.08	<10	<10	70	<10	51
CC99592		<20	0.05	<10	<10	56	<10	51
CC99593								
CC99594		<20	0.06	<10	<10	64	<10	62
CC99595		<20	0.05	<10	<10	47	<10	75
CC99596		<20	0.11	<10	<10	83	<10	77
CC99597		<20	0.07	<10	<10	38	<10	39
CC99598		<20	0.06	<10	<10	59	<10	55
CC99599		<20	0.08	<10	<10	49	<10	37
CC99600		<20	0.03	<10	<10	50	<10	46
CC99601		<20	0.05	<10	<10	65	<10	73
CC99602		<20	0.05	<10	<10	66	<10	265
CC99603		<20	0.03	<10	<10	41	<10	268
CC99604		<20	0.03	<10	<10	55	<10	74
CC99605		<20	0.08	<10	<10	53	<10	40
CC99606		<20	0.02	<10	<10	23	<10	15
CC99607		<20	0.14	<10	<10	77	<10	56
CC99608		<20	0.02	<10	<10	63	<10	56



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Page: 1
Finalized Date: 14- AUG- 2010
Account: MTT

CERTIFICATE VA10104916

Project: Bolt

P.O. No.: Bolt

This report is for 23 Soil samples submitted to our lab in Vancouver, BC, Canada on 3- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

BILL WENGZYNOWSKI

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Project: Bolt

CERTIFICATE OF ANALYSIS VA10104916

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
99698		0.18	0.001	<0.2	0.93	12	<10	180	<0.5	<2	0.10	<0.5	9	39	16	2.27
99699		0.16	0.004	0.2	3.43	5	<10	230	0.6	<2	1.03	<0.5	118	359	1970	3.46
99700		0.22	0.002	0.2	2.15	13	<10	220	<0.5	<2	0.78	<0.5	25	354	114	2.40
99701		0.26	<0.001	<0.2	1.65	2	<10	100	<0.5	<2	0.47	<0.5	11	119	48	1.36
99702		0.26	<0.001	0.2	2.04	5	<10	130	<0.5	<2	0.46	<0.5	34	369	49	3.25
99703		0.22	0.004	<0.2	1.60	<2	<10	110	<0.5	<2	0.58	<0.5	17	168	45	1.81
99704		0.18	<0.001	0.2	1.87	<2	<10	160	<0.5	<2	0.73	<0.5	13	168	81	1.76
99705		0.30	<0.001	<0.2	2.10	<2	<10	90	<0.5	<2	0.51	<0.5	21	186	53	1.85
99706		0.26	0.002	<0.2	2.01	2	<10	130	<0.5	<2	0.42	<0.5	17	185	24	2.71
99707		0.22	<0.001	<0.2	1.85	4	<10	100	<0.5	<2	0.44	<0.5	19	203	29	2.23
99708		0.12	<0.001	<0.2	0.12	<2	<10	30	<0.5	<2	0.10	<0.5	1	6	6	0.21
99709		0.12	0.009	0.3	1.83	<2	<10	200	<0.5	<2	0.65	<0.5	14	173	68	1.86
99609		0.24	0.001	<0.2	1.65	7	<10	100	<0.5	<2	0.59	<0.5	13	71	36	2.96
99610		0.24	0.001	<0.2	1.44	6	<10	120	<0.5	<2	0.43	<0.5	11	52	46	2.55
99611	Empty Bag															
99612		0.34	0.084	<0.2	1.63	9	<10	120	<0.5	<2	0.58	<0.5	14	77	67	3.37
99613		0.22	<0.001	<0.2	1.25	2	<10	140	<0.5	<2	0.31	<0.5	8	140	29	2.38
99614		0.38	<0.001	<0.2	2.05	4	<10	150	<0.5	<2	0.53	<0.5	19	289	38	3.01
99615		0.14	0.003	<0.2	1.89	3	<10	180	<0.5	<2	0.44	<0.5	16	205	36	2.27
99616		0.34	0.001	<0.2	2.10	4	<10	140	<0.5	<2	0.55	<0.5	21	307	40	2.95
99617		0.26	<0.001	<0.2	2.12	4	<10	160	<0.5	<2	0.46	<0.5	35	378	36	3.97
99618		0.26	<0.001	0.2	2.61	5	<10	320	0.7	<2	0.37	<0.5	32	297	87	4.03
99619		0.18	0.001	0.4	2.34	4	<10	330	0.5	<2	0.63	<0.5	14	196	90	1.80



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 Total # Pages: 2 (A - C)
 Finalized Date: 14- AUG- 2010
 Account: MTT

Project: Bolt

CERTIFICATE OF ANALYSIS VA10104916

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
99698		<10	<1	0.08	20	0.26	624	2	0.01	21	580	7	0.01	<2	1	9
99699		<10	1	0.04	10	2.16	928	<1	0.02	450	1300	3	0.09	<2	8	22
99700		<10	<1	0.03	10	2.94	349	<1	0.02	313	430	4	0.05	<2	7	14
99701		<10	<1	0.02	<10	1.29	161	<1	0.02	126	250	3	0.02	<2	2	10
99702		<10	<1	0.03	10	3.86	937	<1	0.02	297	240	5	0.01	<2	4	11
99703		<10	<1	0.04	10	1.73	429	<1	0.02	142	280	5	0.03	<2	2	12
99704		<10	<1	0.03	10	1.22	244	1	0.03	125	620	<2	0.05	<2	3	14
99705		<10	1	0.02	<10	2.68	202	<1	0.02	203	150	<2	0.01	<2	2	7
99706		10	1	0.03	10	1.95	216	1	0.02	169	210	<2	0.01	<2	3	9
99707		<10	1	0.02	10	2.17	292	<1	0.01	177	110	<2	0.01	<2	3	9
99708		<10	<1	0.02	<10	0.04	11	<1	0.02	6	140	<2	0.01	2	<1	7
99709		<10	<1	0.03	10	1.22	341	1	0.03	158	1230	<2	0.09	<2	4	17
99609		<10	<1	0.03	10	0.77	435	1	0.01	40	510	3	0.02	<2	4	16
99610		<10	<1	0.04	10	0.64	341	1	0.01	27	510	4	0.02	<2	4	16
99611																
99612		10	<1	0.04	10	0.82	421	1	0.02	39	530	2	0.03	<2	5	17
99613		10	1	0.06	10	0.75	983	1	0.02	65	980	2	0.04	<2	1	18
99614		10	<1	0.02	10	2.81	315	1	0.02	205	300	<2	0.01	<2	4	18
99615		10	<1	0.03	10	1.64	411	1	0.02	134	500	<2	0.03	<2	3	17
99616		10	1	0.02	10	2.87	373	<1	0.02	221	270	2	0.01	<2	4	16
99617		10	<1	0.04	10	3.10	660	1	0.02	276	820	2	0.02	<2	4	14
99618		10	1	0.05	10	1.47	808	1	0.02	177	690	6	0.03	<2	4	16
99619		<10	<1	0.04	10	0.91	410	1	0.03	202	1320	<2	0.08	<2	6	19



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 Account: MTT

Project: Bolt

CERTIFICATE OF ANALYSIS VA10104916

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
99698		<20	0.03	<10	<10	37	<10	40
99699		<20	0.05	<10	<10	70	<10	236
99700		<20	0.05	<10	<10	49	<10	36
99701		<20	0.04	<10	<10	24	<10	22
99702		<20	0.06	<10	<10	57	<10	43
99703		<20	0.04	<10	<10	38	<10	47
99704		<20	0.04	<10	<10	35	<10	32
99705		<20	0.05	<10	<10	23	<10	28
99706		<20	0.08	<10	<10	47	<10	44
99707		<20	0.06	<10	<10	39	<10	34
99708		<20	0.01	<10	<10	6	<10	6
99709		<20	0.03	<10	<10	34	<10	32
99609		<20	0.13	<10	<10	70	<10	58
99610		<20	0.12	<10	<10	58	<10	61
99611								
99612		<20	0.22	<10	<10	95	<10	54
99613		<20	0.06	<10	<10	73	<10	51
99614		<20	0.11	<10	<10	65	<10	42
99615		<20	0.07	<10	<10	53	<10	41
99616		<20	0.10	<10	<10	58	<10	54
99617		<20	0.08	<10	<10	61	<10	115
99618		<20	0.07	<10	<10	92	<10	82
99619		<20	0.03	<10	<10	38	<10	31



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Page: 1
Finalized Date: 27- OCT- 2010
Account: MTT

CERTIFICATE WH10150448

Project: Bolt

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15- OCT- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

BILL WENGZYNOWSKI

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
Total # Pages: 2 (A - C)
Finalized Date: 27- OCT- 2010
Account: MTT

Project: Bolt

CERTIFICATE OF ANALYSIS WH10150448

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
J981479		11.65	<0.005	<0.2	3.40	<2	<10	30	<0.5	<2	1.50	<0.5	36	213	691	3.86
J981480		12.05	<0.005	<0.2	2.83	<2	<10	10	<0.5	3	1.17	<0.5	39	162	744	3.74
J981481		9.98	<0.005	<0.2	2.78	<2	<10	10	<0.5	<2	1.05	<0.5	43	225	247	3.10
J981482		8.28	<0.005	<0.2	3.71	<2	<10	80	<0.5	<2	1.50	<0.5	55	250	481	4.95
J981483		1.12	<0.005	0.2	3.52	<2	<10	40	<0.5	2	1.08	<0.5	86	230	5000	6.03
J981484		4.91	<0.005	<0.2	0.06	2	<10	10	<0.5	<2	20.4	<0.5	1	3	14	0.49
J981485		3.40	<0.005	<0.2	3.66	<2	<10	40	<0.5	<2	1.45	<0.5	43	228	984	4.86
J981486		10.64	<0.005	<0.2	3.52	<2	<10	40	<0.5	<2	2.46	<0.5	43	170	858	5.07
J981487		8.69	<0.005	<0.2	3.40	<2	<10	40	<0.5	2	2.92	<0.5	46	170	153	5.42
J981488		8.06	<0.005	<0.2	3.52	<2	<10	40	<0.5	<2	2.43	<0.5	46	187	514	5.61
J981489		0.12	0.259	>100	1.27	261	<10	80	<0.5	<2	0.58	25.9	10	32	6760	5.32
J981490		4.33	<0.005	0.2	4.81	2	<10	20	<0.5	<2	2.06	<0.5	60	192	1250	6.11
J981491		5.20	<0.005	<0.2	4.32	2	<10	30	<0.5	2	2.82	<0.5	40	243	3320	5.72
J981492		1.11	<0.005	<0.2	3.73	<2	<10	20	<0.5	<2	1.22	0.6	49	350	3930	4.05
J981493		1.26	<0.005	<0.2	3.62	<2	<10	20	<0.5	<2	1.73	<0.5	43	241	823	3.96
J981494		2.50	<0.005	<0.2	3.67	<2	<10	30	0.5	<2	1.21	<0.5	155	179	94	9.17
J981495		2.50	<0.005	<0.2	1.56	<2	<10	20	<0.5	<2	0.52	<0.5	28	40	131	2.51
J981496		1.42	<0.005	<0.2	1.30	<2	<10	20	<0.5	<2	0.41	<0.5	22	34	99	2.09
J981497		2.31	0.028	2.2	1.62	4	<10	10	<0.5	3	0.50	13.1	84	100	4390	8.77
J981498		0.24	0.014	1.3	4.03	3	<10	10	<0.5	<2	0.36	7.1	112	119	2240	11.45
J981499		2.62	<0.005	0.7	0.37	3	<10	10	<0.5	3	1.37	3.4	25	23	1065	10.40
J981500		4.30	<0.005	<0.2	0.05	3	<10	<10	<0.5	2	20.4	<0.5	2	14	23	0.52
J981501		6.10	<0.005	0.7	4.24	2	<10	10	<0.5	<2	2.69	<0.5	61	175	259	7.13
J981502		7.50	<0.005	<0.2	3.87	<2	<10	20	<0.5	<2	4.45	<0.5	39	154	75	5.34
J981503		8.23	<0.005	<0.2	3.14	2	<10	180	<0.5	<2	3.03	<0.5	39	145	801	5.77
J981504		2.52	<0.005	<0.2	2.40	<2	<10	430	<0.5	<2	1.72	<0.5	36	151	40	3.68
J981505		4.97	<0.005	<0.2	1.06	<2	<10	380	<0.5	<2	0.82	<0.5	14	23	99	1.89
J981506		0.11	0.228	>100	0.73	6670	<10	30	0.5	14	11.9	341	20	17	2750	4.46
J981507		10.51	<0.005	<0.2	1.54	<2	<10	750	<0.5	<2	1.00	<0.5	20	81	79	2.57
J981508		11.38	<0.005	<0.2	2.09	<2	<10	10	<0.5	<2	5.46	<0.5	46	773	40	3.32
J981509		3.52	<0.005	<0.2	1.15	2	<10	100	<0.5	<2	5.83	<0.5	14	44	57	2.08
J981510		3.91	<0.005	<0.2	0.74	<2	30	<10	<0.5	2	1.99	<0.5	94	1560	26	5.12
J981511		5.25	<0.005	<0.2	3.06	<2	<10	<10	<0.5	<2	4.12	<0.5	73	692	42	4.77
J981512		9.02	<0.005	<0.2	2.88	<2	<10	60	<0.5	2	2.25	<0.5	26	177	373	1.90
J981513		10.48	<0.005	<0.2	2.78	<2	<10	20	<0.5	<2	1.12	<0.5	41	203	340	3.57
J981514		12.45	<0.005	<0.2	3.33	<2	<10	70	<0.5	<2	1.35	<0.5	49	213	225	4.57



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Page: 2 - B
Total # Pages: 2 (A - C)
Finalized Date: 27- OCT- 2010
Account: MTT

Project: Bolt

CERTIFICATE OF ANALYSIS WH10150448

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
J981479		10	1	0.03	<10	3.39	598	<1	0.05	96	470	3	0.20	<2	14	26
J981480		10	1	0.01	<10	3.25	682	<1	0.07	80	530	4	0.33	<2	10	18
J981481		10	1	0.01	<10	3.37	612	<1	0.03	116	310	3	0.17	<2	9	16
J981482		10	1	0.02	<10	4.11	746	<1	0.04	146	550	<2	0.03	<2	16	10
J981483		10	1	0.02	<10	4.04	699	<1	0.02	109	490	<2	<0.01	<2	18	7
J981484		<10	<1	0.01	<10	12.65	232	<1	0.02	3	180	8	<0.01	<2	<1	54
J981485		10	1	0.03	<10	3.83	786	<1	0.03	93	690	2	<0.01	<2	16	27
J981486		10	1	0.05	<10	2.41	740	<1	0.03	64	630	2	<0.01	<2	15	13
J981487		10	2	0.03	<10	1.79	813	<1	0.02	75	670	3	<0.01	<2	15	6
J981488		10	1	0.04	<10	2.32	938	<1	0.04	72	870	<2	<0.01	<2	17	25
J981489		<10	2	0.10	<10	0.73	1715	18	0.06	25	450	>10000	2.53	464	4	27
J981490		10	1	0.02	<10	4.04	1315	<1	0.02	89	820	11	<0.01	<2	14	22
J981491		10	1	0.01	<10	3.10	896	<1	0.03	111	850	4	<0.01	<2	19	17
J981492		10	<1	0.01	<10	4.18	561	<1	0.02	135	420	3	<0.01	<2	14	30
J981493		10	1	0.02	<10	3.68	564	<1	0.03	88	400	4	<0.01	<2	15	44
J981494		10	1	0.01	<10	3.58	2110	<1	0.01	86	500	<2	<0.01	<2	14	13
J981495		10	1	0.02	<10	1.20	1060	<1	0.01	41	320	5	<0.01	<2	6	15
J981496		<10	<1	0.02	<10	1.02	877	<1	0.01	31	260	4	<0.01	<2	5	12
J981497		10	1	0.03	<10	1.42	1090	6	0.01	43	1230	4	2.82	<2	5	9
J981498		20	2	0.01	<10	3.41	1635	2	0.01	58	550	2	3.18	<2	13	4
J981499		<10	<1	0.02	<10	0.64	419	4	<0.01	9	1050	3	0.43	<2	1	2
J981500		<10	<1	0.02	<10	12.60	232	<1	0.02	5	200	10	<0.01	<2	<1	54
J981501		10	1	0.04	<10	3.58	1445	<1	0.03	79	670	2	0.05	<2	15	10
J981502		10	<1	0.02	<10	3.63	1110	<1	0.03	90	680	3	0.01	<2	21	15
J981503		10	<1	0.05	<10	2.39	1095	1	0.03	61	1230	2	0.31	<2	14	10
J981504		10	1	0.06	<10	2.09	891	<1	0.03	68	630	2	0.01	<2	11	20
J981505		<10	<1	0.05	<10	0.88	1195	<1	0.01	30	230	3	0.02	<2	5	17
J981506		<10	8	0.14	10	0.47	6000	2	0.02	19	850	>10000	8.1	145	2	636
J981507		10	<1	0.07	10	1.28	585	1	0.02	52	330	9	0.04	<2	8	25
J981508		<10	1	0.01	<10	6.31	866	<1	0.02	499	180	14	0.12	<2	9	24
J981509		<10	<1	0.04	<10	1.68	1225	<1	0.01	48	210	7	<0.01	<2	5	29
J981510		<10	<1	<0.01	<10	19.60	730	<1	0.01	1885	10	6	0.16	<2	10	2
J981511		<10	<1	<0.01	<10	13.15	930	<1	0.01	1255	230	6	0.15	<2	14	10
J981512		<10	1	0.02	<10	2.43	432	<1	0.04	83	140	4	0.12	<2	5	22
J981513		10	<1	0.01	<10	3.24	658	<1	0.06	123	470	3	0.27	<2	8	17
J981514		10	1	0.02	<10	3.58	720	<1	0.05	113	500	<2	0.19	<2	13	14



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Total # Pages: 2 (A - C)
Finalized Date: 27- OCT- 2010
Account: MTT

Project: Bolt

CERTIFICATE OF ANALYSIS WH10150448

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Pb- OG46	Ag- OG46	Zn- OG46
		Th	Ti	Ti	U	V	W	Zn	Pb	Ag	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	%
		20	0.01	10	10	1	10	2	0.001	1	0.001
J981479		<20	0.29	<10	<10	120	<10	199			
J981480		<20	0.38	<10	<10	114	<10	157			
J981481		<20	0.20	<10	<10	79	<10	230			
J981482		<20	0.48	<10	<10	152	<10	365			
J981483		<20	0.17	<10	<10	118	<10	650			
J981484		<20	<0.01	<10	<10	3	<10	22			
J981485		<20	0.37	<10	<10	138	<10	287			
J981486		<20	0.47	<10	<10	158	<10	211			
J981487		<20	0.33	<10	<10	148	<10	269			
J981488		<20	0.46	<10	<10	159	<10	232			
J981489		<20	0.09	<10	<10	42	10	5130	1.010	98	
J981490		<20	0.40	<10	<10	135	<10	307			
J981491		<20	0.48	<10	<10	186	<10	154			
J981492		<20	0.19	<10	<10	101	<10	272			
J981493		<20	0.37	<10	<10	124	<10	195			
J981494		<20	0.01	<10	<10	103	<10	824			
J981495		<20	0.02	<10	<10	41	<10	166			
J981496		<20	0.02	<10	<10	35	<10	131			
J981497		<20	0.02	<10	<10	77	<10	737			
J981498		<20	0.01	<10	<10	109	<10	759			
J981499		<20	<0.01	<10	<10	78	<10	646			
J981500		<20	<0.01	<10	10	4	<10	23			
J981501		<20	0.19	<10	<10	155	<10	302			
J981502		<20	0.33	<10	<10	178	<10	90			
J981503		<20	0.33	<10	<10	157	<10	223			
J981504		<20	0.56	<10	<10	120	<10	114			
J981505		<20	0.03	<10	<10	29	<10	58			
J981506		<20	<0.01	<10	<10	14	10	>10000	5.06	155	5.17
J981507		<20	0.27	<10	<10	67	<10	79			
J981508		<20	0.14	<10	<10	63	<10	55			
J981509		<20	0.01	<10	<10	43	<10	55			
J981510		<20	0.01	<10	<10	45	<10	28			
J981511		<20	0.12	<10	<10	79	<10	35			
J981512		<20	0.12	<10	<10	45	<10	70			
J981513		<20	0.35	<10	<10	101	<10	196			
J981514		<20	0.43	<10	<10	137	<10	244			



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Page: 1
Finalized Date: 28- OCT- 2010
Account: MTT

CERTIFICATE WH10150449

Project: Bolt

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15- OCT- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

BILL WENGZYNOWSKI

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
Total # Pages: 2 (A - C)
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Project: Bolt

CERTIFICATE OF ANALYSIS WH10150449

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
J981515		8.16	<0.005	0.2	3.06	<2	<10	80	<0.5	<2	1.90	<0.5	33	214	73	3.01
J981516		4.98	<0.005	<0.2	3.78	<2	<10	40	<0.5	<2	1.68	<0.5	67	317	70	4.59
J981517		6.04	<0.005	<0.2	3.68	<2	<10	40	<0.5	<2	1.96	<0.5	60	171	74	5.09
J981518		6.20	<0.005	<0.2	3.68	<2	10	40	<0.5	<2	2.37	<0.5	49	207	70	5.68
J981519		1.69	<0.005	<0.2	3.19	<2	<10	110	<0.5	<2	2.13	<0.5	69	168	34	4.32
J981520		0.10	2.15	14.3	0.91	25	<10	30	<0.5	3	0.30	56.3	10	41	5000	8.85
J981521		7.58	<0.005	<0.2	3.88	<2	<10	70	<0.5	<2	2.23	<0.5	60	211	61	4.83
J981522		5.67	<0.005	<0.2	1.01	<2	<10	320	<0.5	<2	0.41	<0.5	17	35	51	1.83
J981523		5.95	<0.005	0.7	1.20	<2	<10	70	<0.5	<2	0.73	<0.5	30	39	50	2.76
J981524		3.10	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	19.8	<0.5	<1	2	2	0.46
J981525		0.74	<0.005	<0.2	1.60	<2	<10	50	0.5	<2	0.90	0.8	133	41	120	7.84
J981526		1.95	<0.005	0.2	1.17	<2	<10	160	<0.5	<2	0.50	<0.5	19	36	41	2.15
J981527		6.59	<0.005	0.7	2.62	<2	<10	90	<0.5	<2	1.33	<0.5	20	147	260	2.60
J981528		5.38	<0.005	<0.2	3.23	<2	<10	50	<0.5	<2	1.43	<0.5	29	133	238	3.52
J981529		0.81	<0.005	<0.2	2.70	<2	<10	40	<0.5	<2	1.18	<0.5	22	110	71	2.63
J981530		3.74	<0.005	<0.2	3.49	<2	<10	30	<0.5	<2	1.85	<0.5	32	245	110	3.19
J981531		3.86	<0.005	<0.2	1.70	<2	10	20	<0.5	<2	1.95	<0.5	61	1450	22	4.13
J981532		6.87	<0.005	<0.2	2.25	<2	10	30	<0.5	<2	2.44	<0.5	58	1225	28	3.69
J981533		7.95	<0.005	<0.2	3.22	<2	<10	20	<0.5	<2	1.48	<0.5	38	508	121	3.72
J981534		0.26	0.221	>100	0.98	6220	<10	60	0.5	10	12.1	318	20	25	2460	4.48
J981535		7.32	<0.005	<0.2	3.51	<2	<10	30	<0.5	<2	1.98	<0.5	34	370	59	4.37
J981536		6.46	<0.005	<0.2	3.61	<2	<10	30	<0.5	<2	3.16	<0.5	27	136	51	4.65
J981537		7.48	<0.005	0.3	3.45	11	<10	30	<0.5	<2	3.61	0.9	30	153	62	5.20
J981538		4.24	<0.005	<0.2	3.15	2	<10	30	<0.5	<2	3.69	<0.5	28	139	57	4.93
J981539		8.67	<0.005	<0.2	3.19	2	<10	40	<0.5	<2	3.12	<0.5	30	128	57	4.84
J981540		12.32	<0.005	<0.2	3.47	<2	<10	40	<0.5	<2	2.36	<0.5	29	163	83	4.12
J981541		7.24	<0.005	<0.2	3.24	<2	<10	50	<0.5	<2	1.76	<0.5	31	237	146	3.42
J981542		7.16	<0.005	<0.2	3.42	2	10	90	<0.5	<2	3.11	<0.5	33	144	228	5.00
J981543		4.56	<0.005	<0.2	0.06	<2	<10	10	<0.5	<2	19.0	<0.5	<1	2	2	0.45
J981544		6.94	<0.005	<0.2	3.52	3	10	290	<0.5	<2	3.08	<0.5	42	169	180	5.11
J981545		9.32	<0.005	<0.2	3.18	<2	<10	60	<0.5	<2	2.36	<0.5	34	143	87	4.94
J981546		4.82	<0.005	<0.2	3.15	3	<10	60	<0.5	<2	2.71	<0.5	29	208	50	3.24
J981547		6.79	<0.005	<0.2	3.19	<2	<10	210	<0.5	<2	1.88	<0.5	37	186	97	5.33
J981548		4.17	<0.005	<0.2	3.02	<2	<10	30	<0.5	<2	2.00	<0.5	42	640	64	3.30
J981549		2.13	<0.005	<0.2	1.04	<2	20	50	<0.5	<2	0.77	<0.5	80	1450	22	4.46
J981550		2.86	<0.005	<0.2	2.54	<2	30	20	<0.5	<2	0.81	<0.5	62	777	39	4.30



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CERTIFICATE OF ANALYSIS WH10150449

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
J981515		10	<1	0.06	<10	2.70	541	<1	0.07	102	450	3	0.08	<2	8	38
J981516		10	1	0.02	<10	4.24	668	<1	0.04	168	440	2	<0.01	2	17	25
J981517		10	1	0.03	<10	3.44	972	<1	0.04	91	720	2	<0.01	3	17	21
J981518		10	1	0.03	<10	2.67	946	<1	0.03	73	800	<2	<0.01	5	18	11
J981519		10	<1	0.03	<10	2.54	889	<1	0.02	79	670	<2	<0.01	<2	11	15
J981520		<10	2	0.09	<10	0.90	332	12	0.02	22	100	241	>10.0	<2	2	8
J981521		10	1	0.02	<10	3.21	1035	<1	0.04	84	580	2	0.01	3	15	26
J981522		<10	<1	0.04	<10	0.71	779	<1	0.02	35	230	3	<0.01	<2	4	16
J981523		<10	<1	0.03	<10	0.90	1120	<1	0.02	37	260	2	<0.01	<2	5	13
J981524		<10	1	0.01	<10	12.00	219	<1	0.02	3	180	3	<0.01	<2	<1	47
J981525		<10	<1	0.03	10	1.29	2110	<1	0.02	54	320	4	<0.01	<2	6	9
J981526		10	<1	0.03	<10	0.94	1120	<1	0.02	33	250	4	<0.01	<2	5	15
J981527		<10	<1	0.10	<10	2.55	651	<1	0.05	78	300	<2	0.03	<2	7	16
J981528		10	1	0.11	<10	3.15	984	<1	0.05	107	480	<2	<0.01	<2	8	25
J981529		10	<1	0.09	<10	2.56	579	<1	0.03	90	190	<2	<0.01	<2	4	23
J981530		<10	1	0.01	<10	3.85	692	<1	0.03	147	120	2	<0.01	<2	8	24
J981531		<10	1	<0.01	<10	8.93	637	<1	0.01	728	30	2	<0.01	9	10	2
J981532		<10	<1	<0.01	<10	8.31	698	<1	0.01	518	30	2	<0.01	7	9	2
J981533		10	<1	<0.01	<10	5.25	667	<1	0.03	244	330	2	<0.01	5	10	26
J981534		<10	7	0.26	10	0.51	5720	3	0.02	22	810	>10000	7.3	116	3	560
J981535		10	1	0.01	<10	5.05	771	<1	0.03	245	450	4	<0.01	<2	12	11
J981536		10	<1	0.03	<10	3.20	834	<1	0.05	82	950	7	<0.01	3	14	11
J981537		10	<1	0.03	<10	3.10	928	<1	0.08	96	1030	115	0.01	4	12	21
J981538		10	<1	0.03	<10	2.97	855	<1	0.06	92	1000	4	<0.01	2	10	17
J981539		10	<1	0.08	<10	2.80	815	<1	0.06	96	930	<2	<0.01	<2	11	21
J981540		10	<1	0.06	<10	3.43	804	<1	0.08	93	620	9	<0.01	2	8	19
J981541		10	1	0.05	<10	3.65	803	<1	0.04	165	430	2	<0.01	3	8	44
J981542		10	1	0.05	<10	2.06	1115	<1	0.06	83	640	3	<0.01	3	12	10
J981543		<10	1	0.01	<10	11.50	211	<1	0.02	3	160	3	<0.01	<2	<1	43
J981544		10	<1	0.05	<10	2.29	1135	<1	0.05	79	730	<2	<0.01	3	14	19
J981545		10	<1	0.06	<10	2.47	892	<1	0.05	59	630	<2	<0.01	3	14	12
J981546		10	1	0.09	<10	2.39	889	<1	0.09	70	500	5	<0.01	<2	9	10
J981547		10	<1	0.04	<10	2.75	1380	<1	0.04	92	490	2	<0.01	2	16	24
J981548		10	1	<0.01	<10	4.74	795	<1	0.02	535	390	<2	<0.01	3	7	63
J981549		<10	1	<0.01	<10	16.00	669	<1	0.02	1390	30	<2	<0.01	8	8	2
J981550		<10	1	<0.01	<10	18.55	1175	<1	0.02	1175	20	<2	<0.01	5	15	2



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CERTIFICATE OF ANALYSIS WH10150449

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Pb- OG46	Ag- OG46	Zn- OG46
		Th	Ti	Ti	U	V	W	Zn	Pb	Ag	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	%
		20	0.01	10	10	1	10	2	0.001	1	0.001
J981515		<20	0.29	<10	<10	90	<10	126			
J981516		<20	0.40	<10	<10	129	<10	337			
J981517		<20	0.57	<10	<10	138	<10	298			
J981518		<20	0.54	<10	<10	150	<10	227			
J981519		<20	0.03	<10	<10	85	<10	198			
J981520		<20	0.02	<10	<10	15	<10	>10000			1.325
J981521		<20	0.29	<10	<10	135	<10	285			
J981522		<20	0.03	<10	<10	28	<10	83			
J981523		<20	0.03	<10	<10	39	<10	203			
J981524		<20	<0.01	<10	<10	3	<10	19			
J981525		<20	0.04	<10	<10	53	<10	1615			
J981526		<20	0.06	<10	<10	40	<10	81			
J981527		<20	0.13	<10	<10	56	<10	96			
J981528		<20	0.15	<10	<10	71	<10	163			
J981529		<20	0.07	<10	<10	36	<10	55			
J981530		<20	0.11	<10	<10	52	<10	79			
J981531		<20	0.03	<10	<10	43	<10	26			
J981532		<20	0.03	<10	<10	48	<10	20			
J981533		<20	0.29	<10	<10	92	<10	111			
J981534		<20	0.01	<10	<10	17	10	>10000	4.80	149	4.82
J981535		<20	0.39	<10	<10	109	<10	75			
J981536		<20	0.53	<10	<10	144	<10	68			
J981537		<20	0.69	<10	<10	159	<10	190			
J981538		<20	0.56	<10	<10	139	<10	78			
J981539		<20	0.62	<10	<10	135	<10	78			
J981540		<20	0.53	<10	<10	122	<10	106			
J981541		<20	0.41	<10	<10	94	<10	118			
J981542		<20	0.61	<10	<10	172	<10	133			
J981543		<20	0.01	<10	<10	4	<10	18			
J981544		<20	0.62	<10	<10	184	<10	167			
J981545		<20	0.60	<10	<10	154	<10	109			
J981546		<20	0.39	<10	<10	89	<10	91			
J981547		<20	0.16	<10	<10	131	<10	113			
J981548		<20	0.37	<10	<10	70	<10	61			
J981549		<20	0.02	<10	<10	43	<10	27			
J981550		<20	0.03	<10	<10	59	<10	27			



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Account: MTT

CERTIFICATE WH10150834

Project: Bolt

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15- OCT- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

BILL WENGZYNOWSKI

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH10150834

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
J981551		2.87	<0.005	<0.2	0.64	2	30	50	<0.5	<2	0.45	<0.5	85	1355	7	4.99
J981552		7.41	<0.005	<0.2	3.63	2	<10	90	<0.5	<2	1.95	<0.5	28	212	74	3.98
J981553		10.81	<0.005	<0.2	3.89	<2	<10	30	<0.5	<2	2.46	<0.5	33	247	164	4.78
J981554		5.17	<0.005	<0.2	3.47	<2	<10	30	0.5	<2	3.32	<0.5	29	138	60	4.45
J981555		4.77	<0.005	<0.2	3.86	<2	<10	20	<0.5	<2	3.13	<0.5	25	156	82	4.01
J981556		0.28	0.256	>100	1.34	253	<10	100	<0.5	2	0.61	24.5	11	32	6480	5.37
J981557		9.24	<0.005	<0.2	3.29	<2	<10	20	<0.5	<2	1.97	<0.5	28	82	84	4.91
J981558		8.54	<0.005	<0.2	3.03	<2	<10	20	<0.5	<2	1.80	<0.5	27	74	73	4.70
J981559		9.06	<0.005	<0.2	3.83	<2	<10	20	<0.5	<2	3.04	<0.5	30	127	70	4.72
J981560		9.16	<0.005	<0.2	3.66	<2	<10	50	<0.5	<2	2.54	<0.5	29	121	102	4.26
J981561		8.94	0.007	0.3	3.96	<2	<10	150	<0.5	<2	1.75	0.5	35	171	470	6.04
J981562		8.95	<0.005	<0.2	3.12	<2	<10	20	<0.5	<2	2.86	<0.5	30	111	77	3.97
J981563		3.19	<0.005	<0.2	0.06	<2	<10	10	<0.5	<2	19.9	<0.5	1	2	5	0.49
J981564		8.86	<0.005	<0.2	3.34	<2	<10	50	<0.5	<2	2.07	<0.5	30	119	115	4.40
J981565		7.82	<0.005	0.2	3.29	<2	<10	20	<0.5	<2	2.03	<0.5	31	184	230	4.99
J981566		6.56	<0.005	<0.2	2.84	<2	<10	20	<0.5	<2	2.80	<0.5	12	24	6	1.69
J981567		9.42	<0.005	<0.2	3.70	<2	<10	40	<0.5	<2	1.48	<0.5	34	395	74	2.54
J981568		8.34	<0.005	<0.2	3.49	<2	<10	40	<0.5	<2	1.37	<0.5	32	213	77	3.86
J981569		6.78	0.028	0.6	2.53	2	<10	190	<0.5	<2	2.37	<0.5	81	108	929	9.87
J981570		5.88	<0.005	<0.2	4.13	<2	<10	80	<0.5	<2	1.70	<0.5	36	392	64	5.00
J981571		6.22	<0.005	<0.2	3.84	<2	<10	10	<0.5	<2	1.21	<0.5	51	1095	51	3.96
J981572		3.38	<0.005	<0.2	3.81	4	<10	20	<0.5	<2	1.31	<0.5	55	1230	52	4.12
J981573		6.66	<0.005	<0.2	2.34	2	<10	<10	<0.5	<2	2.01	<0.5	38	1150	28	3.55
J981574		8.63	<0.005	0.3	4.18	<2	<10	120	<0.5	<2	1.25	<0.5	42	304	102	4.39
J981575		9.25	<0.005	<0.2	2.97	<2	<10	80	<0.5	<2	1.60	<0.5	30	128	69	4.32
J981576		0.29	0.226	>100	0.72	5420	<10	50	0.5	14	12.5	347	20	18	2630	4.35
J981577		12.07	<0.005	<0.2	2.60	<2	<10	20	<0.5	2	1.98	<0.5	27	87	62	3.59
J981578		8.34	<0.005	0.2	3.95	2	<10	20	<0.5	<2	1.76	0.5	24	315	148	2.45
J981579		8.88	<0.005	<0.2	4.28	3	<10	20	<0.5	2	2.23	<0.5	24	255	133	2.20
J981580		7.39	<0.005	<0.2	5.06	2	<10	10	<0.5	<2	1.70	<0.5	39	152	227	3.10
J981581		3.09	<0.005	<0.2	5.86	<2	<10	10	<0.5	2	1.79	<0.5	46	43	225	3.35
J981582		3.31	<0.005	<0.2	5.67	<2	<10	10	<0.5	<2	1.55	<0.5	48	136	295	3.55
J981583		5.31	<0.005	<0.2	0.07	4	<10	20	<0.5	<2	21.2	<0.5	2	1	4	0.44
J981584		4.03	<0.005	<0.2	5.61	3	<10	10	<0.5	<2	1.80	<0.5	40	83	170	3.13
J981585		9.13	<0.005	<0.2	4.86	<2	<10	<10	<0.5	<2	2.40	<0.5	29	192	104	2.58
J981586		7.93	<0.005	<0.2	5.65	3	<10	<10	<0.5	<2	1.27	<0.5	43	91	166	3.35



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CERTIFICATE OF ANALYSIS WH10150834

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
J981551		<10	<1	<0.01	10	21.9	598	<1	0.01	1920	10	3	0.01	<2	9	2
J981552		10	<1	0.07	<10	3.43	770	<1	0.08	130	430	7	0.30	<2	8	61
J981553		10	<1	0.07	<10	3.70	862	<1	0.07	171	740	<2	0.26	<2	12	58
J981554		10	<1	0.07	<10	2.71	767	<1	0.04	96	970	<2	0.12	<2	13	50
J981555		10	<1	0.08	<10	3.17	683	<1	0.05	102	610	<2	0.08	<2	9	22
J981556		<10	2	0.10	<10	0.78	1615	20	0.06	26	440	>10000	2.38	400	4	28
J981557		10	<1	0.06	<10	2.81	882	<1	0.08	52	820	8	0.19	<2	8	33
J981558		10	<1	0.06	<10	2.70	837	<1	0.07	51	780	2	0.35	<2	8	26
J981559		10	<1	0.10	<10	3.63	828	1	0.06	71	760	<2	0.10	<2	12	34
J981560		10	<1	0.09	<10	3.15	873	<1	0.07	80	440	<2	0.26	<2	7	17
J981561		10	1	0.03	<10	4.54	1440	1	0.06	82	580	2	0.66	<2	9	12
J981562		10	<1	0.10	<10	2.82	777	<1	0.06	85	510	<2	0.02	<2	7	29
J981563		<10	<1	0.02	<10	12.60	222	<1	0.01	3	180	<2	<0.01	<2	<1	49
J981564		10	<1	0.08	<10	3.48	880	<1	0.07	76	450	<2	0.24	<2	6	18
J981565		10	1	0.05	<10	4.04	1095	<1	0.06	68	390	2	0.62	<2	6	5
J981566		10	<1	0.09	<10	2.07	303	<1	0.06	38	960	<2	0.04	<2	4	18
J981567		<10	<1	0.08	<10	5.19	432	<1	0.03	373	500	<2	0.11	<2	3	11
J981568		10	<1	0.09	<10	4.25	628	<1	0.06	233	1050	<2	0.21	<2	5	17
J981569		10	<1	0.03	10	1.72	1690	3	0.08	157	1090	14	0.99	<2	6	102
J981570		10	1	0.01	<10	5.41	1135	1	0.04	277	760	<2	0.04	<2	7	27
J981571		10	<1	0.01	<10	6.94	846	<1	0.01	765	250	6	0.02	<2	6	7
J981572		10	<1	0.01	<10	6.93	855	<1	0.01	850	220	3	0.02	<2	6	7
J981573		<10	<1	<0.01	<10	5.64	457	<1	0.01	446	130	<2	0.06	<2	7	4
J981574		10	<1	0.04	<10	5.73	997	<1	0.04	148	360	3	0.20	<2	6	29
J981575		10	<1	0.05	<10	3.02	787	<1	0.08	85	630	8	0.19	<2	4	42
J981576		<10	8	0.14	10	0.48	6180	4	0.02	19	840	>10000	6.9	120	2	560
J981577		10	<1	0.05	<10	2.25	617	<1	0.05	75	490	5	0.05	<2	4	41
J981578		<10	<1	0.01	<10	3.88	306	<1	0.04	188	90	5	0.01	<2	3	5
J981579		10	<1	0.01	<10	3.82	304	<1	0.05	188	70	2	0.01	<2	3	8
J981580		10	1	0.01	<10	5.90	388	<1	0.03	333	50	4	0.01	<2	1	9
J981581		10	1	<0.01	<10	7.47	451	<1	0.03	519	20	<2	0.01	<2	<1	27
J981582		10	<1	<0.01	<10	7.18	440	<1	0.03	529	30	3	0.01	<2	1	14
J981583		<10	<1	0.02	<10	13.65	204	<1	0.02	2	250	2	<0.01	<2	<1	46
J981584		<10	1	0.01	<10	6.38	419	<1	0.03	409	30	2	0.01	<2	1	19
J981585		10	1	0.01	<10	4.60	342	<1	0.04	244	140	<2	0.01	<2	3	8
J981586		10	<1	<0.01	<10	7.81	431	<1	0.03	510	20	<2	0.01	<2	<1	14



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CERTIFICATE OF ANALYSIS WH10150834

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Pb- OG46	Ag- OG46	Zn- OG46
		Th	Ti	Ti	U	V	W	Zn	Pb	Ag	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	%
		20	0.01	10	10	1	10	2	0.001	1	0.001
J981551		<20	0.01	<10	<10	33	<10	10			
J981552		<20	0.34	<10	<10	109	<10	83			
J981553		<20	0.49	<10	<10	139	<10	103			
J981554		<20	0.61	<10	<10	135	<10	98			
J981555		<20	0.40	<10	<10	113	<10	71			
J981556		<20	0.09	<10	<10	44	10	5100	0.986	100	
J981557		<20	0.52	<10	<10	141	<10	87			
J981558		<20	0.44	<10	<10	133	<10	137			
J981559		<20	0.57	10	<10	148	<10	80			
J981560		<20	0.39	<10	<10	123	<10	86			
J981561		<20	0.41	<10	<10	161	<10	350			
J981562		<20	0.50	<10	<10	119	<10	85			
J981563		<20	<0.01	<10	10	3	<10	18			
J981564		<20	0.41	10	<10	121	<10	100			
J981565		<20	0.32	<10	<10	141	<10	137			
J981566		<20	0.22	<10	<10	48	<10	15			
J981567		<20	0.15	<10	<10	40	<10	28			
J981568		<20	0.36	<10	<10	97	<10	62			
J981569		<20	0.39	<10	<10	195	<10	341			
J981570		<20	0.43	<10	<10	139	<10	80			
J981571		<20	0.20	<10	<10	75	<10	50			
J981572		<20	0.15	<10	<10	73	<10	47			
J981573		<20	0.10	<10	<10	56	<10	21			
J981574		<20	0.32	<10	<10	100	<10	87			
J981575		<20	0.57	<10	<10	110	<10	86			
J981576		<20	0.01	<10	<10	14	<10	>10000	4.67	150	4.92
J981577		<20	0.45	<10	<10	88	<10	75			
J981578		<20	0.06	<10	<10	27	<10	31			
J981579		<20	0.05	<10	<10	22	<10	25			
J981580		<20	0.04	<10	<10	13	<10	33			
J981581		<20	0.02	<10	<10	6	<10	39			
J981582		<20	0.02	<10	<10	9	<10	41			
J981583		<20	<0.01	<10	<10	1	<10	14			
J981584		<20	0.03	<10	<10	10	<10	39			
J981585		<20	0.05	<10	<10	25	<10	31			
J981586		<20	0.02	<10	<10	6	<10	40			



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CERTIFICATE WH10156633

Project: BOLT

P.O. No.: BATCH 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26- OCT- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

BILL WENGZYNOWSKI

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH10156633

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
J981587		11.70	<0.005	<0.2	4.87	<2	<10	<10	<0.5	2	1.75	<0.5	32	122	67	2.86
J981588		6.03	<0.005	<0.2	5.69	2	<10	<10	<0.5	<2	1.46	<0.5	39	116	121	3.41
J981589		2.63	<0.005	0.3	5.77	5	<10	<10	<0.5	2	2.14	<0.5	35	255	1985	2.73
J981590		3.54	<0.005	<0.2	0.07	<2	<10	10	<0.5	<2	19.0	<0.5	1	3	16	0.46
J981591		3.87	<0.005	<0.2	4.79	<2	<10	<10	<0.5	2	3.06	<0.5	19	194	188	1.50
J981592		5.30	<0.005	0.2	5.34	<2	<10	<10	<0.5	2	2.10	<0.5	34	257	675	2.47
J981593		7.89	<0.005	<0.2	5.32	<2	<10	<10	<0.5	<2	1.94	<0.5	37	198	209	2.93
J981594		9.59	<0.005	<0.2	5.50	<2	<10	<10	<0.5	<2	1.77	<0.5	39	129	268	2.95
J981595		9.74	<0.005	<0.2	4.47	<2	<10	<10	<0.5	<2	1.76	<0.5	25	210	82	2.11
J981596		0.12	2.09	14.7	1.00	26	<10	30	<0.5	7	0.30	55.2	10	44	5010	8.76
J981597		11.23	<0.005	<0.2	4.81	<2	<10	<10	<0.5	<2	1.75	<0.5	33	186	133	2.53
J981598		10.05	<0.005	<0.2	5.28	<2	<10	<10	<0.5	<2	1.60	<0.5	38	253	116	3.09
J981599		9.88	<0.005	<0.2	5.12	<2	<10	<10	<0.5	3	0.88	<0.5	45	395	68	3.31
J981600		15.09	<0.005	<0.2	4.38	<2	<10	<10	<0.5	<2	2.29	<0.5	26	121	179	2.30
J981601		3.82	<0.005	0.2	3.93	<2	<10	10	<0.5	2	1.83	<0.5	47	665	20	3.92
J981602		7.58	<0.005	0.4	1.86	<2	<10	<10	<0.5	2	2.22	<0.5	62	1025	15	5.09
J981603		6.06	<0.005	0.2	1.04	<2	<10	<10	<0.5	<2	0.18	<0.5	81	1540	27	4.74
J981604		10.76	0.006	<0.2	0.67	<2	<10	<10	<0.5	3	0.22	<0.5	81	1460	15	4.72
J981605		8.16	<0.005	<0.2	4.02	<2	<10	20	<0.5	3	2.05	<0.5	28	165	54	4.32
J981606		4.24	<0.005	<0.2	3.69	<2	<10	20	<0.5	<2	2.00	<0.5	26	142	53	4.05
J981607		7.33	<0.005	0.3	3.59	2	<10	30	<0.5	<2	2.95	<0.5	27	128	53	4.55
J981608		6.17	<0.005	<0.2	3.58	<2	<10	30	<0.5	<2	2.46	<0.5	25	113	51	3.84
J981609		7.18	<0.005	<0.2	3.37	2	<10	40	<0.5	<2	2.16	<0.5	26	200	52	3.75
J981610		4.14	<0.005	<0.2	0.05	<2	<10	20	<0.5	<2	20.2	<0.5	<1	1	3	0.46
J981611		7.19	<0.005	<0.2	3.43	<2	<10	20	<0.5	<2	2.21	<0.5	26	202	57	3.48
J981612		6.53	<0.005	<0.2	3.38	<2	<10	20	<0.5	<2	4.80	<0.5	28	157	51	4.18
J981613		7.83	<0.005	<0.2	3.98	2	<10	20	0.5	<2	8.9	<0.5	29	216	45	4.57
J981614		8.49	<0.005	<0.2	4.00	<2	<10	20	<0.5	<2	2.68	<0.5	31	178	62	4.89
J981615		8.45	<0.005	<0.2	3.52	<2	<10	20	<0.5	<2	2.70	<0.5	28	169	63	4.03
J981616		7.12	<0.005	<0.2	2.58	<2	<10	20	<0.5	<2	3.57	<0.5	24	151	52	3.72
J981617		0.24	0.234	>100	0.73	5740	<10	40	<0.5	11	11.6	310	19	17	2550	4.15
J981618		3.25	<0.005	<0.2	2.91	3	<10	20	<0.5	<2	3.69	<0.5	28	159	54	4.31
J981619		3.59	<0.005	<0.2	1.77	<2	<10	20	<0.5	<2	16.7	<0.5	22	87	27	3.26
J981620		7.41	<0.005	<0.2	3.16	2	<10	20	<0.5	<2	5.98	<0.5	29	116	52	4.42
J981621		7.86	<0.005	<0.2	3.04	<2	<10	20	0.5	<2	3.58	<0.5	31	111	59	5.63
J981622		4.88	<0.005	<0.2	1.53	<2	<10	10	<0.5	<2	1.40	<0.5	15	55	41	3.15



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CERTIFICATE OF ANALYSIS WH10156633

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
J981587		<10	1	0.01	<10	5.25	364	<1	0.03	327	30	<2	0.01	<2	1	17
J981588		<10	1	0.01	<10	6.73	453	<1	0.03	403	30	<2	<0.01	<2	1	10
J981589		10	1	0.01	<10	6.00	413	<1	0.02	325	40	<2	<0.01	<2	3	9
J981590		<10	1	0.01	10	12.25	221	<1	0.01	8	180	<2	<0.01	<2	<1	49
J981591		<10	1	0.01	<10	3.56	294	<1	0.04	170	20	<2	<0.01	<2	3	6
J981592		10	2	<0.01	<10	5.32	374	<1	0.02	332	20	<2	<0.01	<2	2	7
J981593		10	<1	0.01	<10	5.33	398	<1	0.03	312	30	<2	<0.01	<2	2	5
J981594		10	1	<0.01	<10	6.16	404	<1	0.02	363	30	<2	<0.01	<2	2	9
J981595		<10	1	<0.01	<10	4.57	282	<1	0.02	243	30	<2	<0.01	<2	2	3
J981596		<10	2	0.09	<10	0.98	343	12	0.01	25	100	237	>10.0	<2	2	7
J981597		<10	<1	<0.01	<10	6.06	399	<1	0.02	370	10	<2	<0.01	<2	1	7
J981598		10	1	<0.01	<10	6.52	408	<1	0.02	452	40	<2	<0.01	<2	2	6
J981599		10	1	<0.01	<10	7.79	423	<1	0.01	535	40	<2	<0.01	<2	1	5
J981600		<10	1	0.01	<10	4.53	281	<1	0.02	281	60	<2	<0.01	<2	1	7
J981601		10	<1	0.01	<10	11.15	543	<1	0.01	898	50	<2	<0.01	3	6	3
J981602		<10	<1	0.01	10	14.90	566	1	0.01	1255	390	<2	<0.01	3	10	3
J981603		<10	<1	<0.01	<10	20.1	836	<1	<0.01	1735	110	<2	<0.01	5	11	2
J981604		<10	<1	<0.01	<10	21.4	734	<1	<0.01	1875	10	<2	0.03	6	9	2
J981605		10	1	0.03	<10	4.59	651	<1	0.04	140	610	<2	0.03	<2	9	6
J981606		10	1	0.03	<10	4.10	601	<1	0.04	120	610	<2	0.03	<2	7	6
J981607		10	<1	0.03	<10	3.29	637	<1	0.04	105	680	<2	0.12	<2	11	21
J981608		10	1	0.04	<10	3.34	495	<1	0.04	137	570	<2	0.08	<2	5	14
J981609		10	<1	0.04	<10	3.42	496	<1	0.05	152	610	<2	0.07	<2	7	10
J981610		<10	1	0.02	<10	12.25	211	<1	0.01	3	200	5	<0.01	<2	<1	45
J981611		10	<1	0.05	<10	3.46	507	<1	0.06	144	580	<2	0.05	<2	7	10
J981612		10	<1	0.03	<10	4.39	769	<1	0.04	112	680	<2	0.05	<2	12	26
J981613		10	1	0.04	<10	5.42	1200	<1	0.02	143	490	<2	0.09	<2	14	29
J981614		10	1	0.04	<10	3.90	765	<1	0.04	119	810	<2	0.07	<2	12	21
J981615		10	1	0.04	<10	3.01	586	<1	0.04	122	650	<2	0.03	<2	6	17
J981616		10	<1	0.02	<10	2.43	700	<1	0.04	77	970	<2	0.01	<2	15	85
J981617		<10	9	0.14	10	0.45	5450	1	0.02	17	810	>10000	7.1	101	2	572
J981618		10	<1	0.04	<10	3.01	786	<1	0.04	74	900	<2	0.01	<2	16	14
J981619		<10	<1	0.04	<10	2.79	2830	<1	0.03	66	330	14	<0.01	<2	14	37
J981620		10	1	0.04	<10	2.90	1060	<1	0.03	74	820	5	0.01	<2	17	30
J981621		10	<1	0.04	<10	2.10	876	<1	0.06	69	1470	5	0.01	<2	13	47
J981622		10	<1	0.02	<10	1.12	463	<1	0.06	21	1230	5	0.13	<2	4	24



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 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

Page: 2 - C
Total # Pages: 2 (A - C)
Finalized Date: 7- NOV- 2010
Account: MTT

Project: BOLT

CERTIFICATE OF ANALYSIS WH10156633

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Pb- OG46	Ag- OG46	Zn- OG46
		Th	Ti	Ti	U	V	W	Zn	Pb	Ag	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	%
		20	0.01	10	10	1	10	2	0.001	1	0.001
J981587		<20	0.03	<10	<10	12	<10	28			
J981588		<20	0.03	<10	<10	12	<10	34			
J981589		<20	0.03	<10	<10	20	<10	45			
J981590		<20	<0.01	<10	<10	2	<10	17			
J981591		<20	0.02	<10	<10	14	<10	27			
J981592		<20	0.03	<10	<10	14	<10	41			
J981593		<20	0.04	<10	<10	21	<10	46			
J981594		<20	0.03	<10	<10	12	<10	43			
J981595		<20	0.03	<10	<10	17	<10	21			
J981596		<20	0.02	<10	<10	16	<10	>10000			1.310
J981597		<20	0.02	<10	<10	12	<10	43			
J981598		<20	0.03	<10	<10	15	<10	30			
J981599		<20	0.02	<10	<10	12	<10	24			
J981600		<20	0.02	<10	<10	12	<10	26			
J981601		<20	0.10	<10	<10	69	<10	31			
J981602		<20	0.10	<10	<10	79	<10	40			
J981603		<20	0.02	<10	<10	50	<10	25			
J981604		<20	<0.01	<10	<10	36	<10	25			
J981605		<20	0.36	<10	<10	97	<10	53			
J981606		<20	0.35	<10	10	90	<10	50			
J981607		<20	0.41	<10	<10	119	<10	56			
J981608		<20	0.34	<10	<10	77	<10	47			
J981609		<20	0.34	<10	<10	85	<10	46			
J981610		<20	<0.01	<10	10	1	<10	15			
J981611		<20	0.31	<10	<10	82	<10	40			
J981612		<20	0.24	<10	<10	109	<10	50			
J981613		<20	0.06	<10	<10	112	<10	52			
J981614		<20	0.48	<10	<10	142	<10	65			
J981615		<20	0.34	<10	<10	94	<10	55			
J981616		<20	0.58	<10	<10	132	<10	57			
J981617		<20	0.01	<10	<10	14	10	>10000	4.88	149	5.14
J981618		<20	0.44	<10	<10	124	<10	75			
J981619		<20	0.13	<10	<10	84	<10	59			
J981620		<20	0.35	<10	<10	147	<10	80			
J981621		<20	0.74	<10	<10	183	<10	105			
J981622		<20	0.36	<10	<10	98	<10	40			

APPENDIX IV

GEOLOGICAL AND GEOTECHNICAL LOGS

BOLT PROPERTY

Grid East	Grid North	Easting	Northing	Elev. (m)	Depth (m)
4+75E	8+00N	446196	6819598	1525	63.03

ZONE:

SECTION:

HOLE: BOLT-10-01

CLAIM: Bolt 3 YC73900

Contractor: Top Rank Diamond Drilling Ltd

Drill: JKS-300

Core size: NTW

Casing depth: 5.30 (m) in / out

Drilling dates: July 17th to July 19th, 2010

Geology logged by: Oliver Fu

[illegible]

TARGET:

[illegible]

SAMPLES
Numbers: J981479 to J981511
Total: 33
Batch: 1
Date Sent: October 15, 2010
Certificate: WH10150448

COMMENTS	

GEOLOGY LOG

HOLE: BOLT-10-01

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION						MINERALS						Photo	DETAILED DESCRIPTION		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/	Oxidation	Jasper	Epidote		Other		Pyrite			Other		Other				
																	Type	Intensity				Type	Intensity					
0.00	5.30	5.30				CAS																					Casing. 20 cm of rubbly pebbles recovered	
																												Medium to dark chlorite green, poorly sorted, strong to intensely oxidized, heterolithic breccia. Limonite is abundant on fractured surfaces. Local manganese staining occurs alongside limonitic fractures. Fractured surfaces have undergone strong oxidation, locally pervasive. Intensely oxidized zones are soft and composed of rubble. Lithic fragments vary in colour between light tan to dark green and white, they are angular to subrounded, and range in size between 0.2 to 3 cm. Pyrite is fine grained and weakly to moderately disseminated throughout. Occasionally occurs on clasts. Unit is mainly matrix supported, the matrix has been chlorite and epidote altered. Locally clast supported. Epidote alteration is subtle and mainly interstitial between clasts. Dark green to black, soft tension gashes are scattered throughout the interval possibly of chloritic composition(?).
5.30	32.25	26.95				BXA							s		m				w				Li	s				Crumbly, heterolithic rubble. Pervasive oxidation. Few fine grained, rubbly, bright green malachite crystals on oxidized fragments.
			16.40	16.85	0.45								i										Li	s	Mc	t		Dark maroon-brown, pervasive jasper altered breccia. Sharp upper and lower contacts. Oxidation and limonite alteration are strong. Local intensely oxidized rubbly sections. Thick limonite coating occurs on most fractured surfaces. Remnant fragments are cryptic and have been altered and deformed. Pervasive epidote alteration occurs 'in sync' with jasper alteration. The overall brecciated texture has been altered. Hematitic whisps occur through and range in size between 1 to 2 mm. Few malachite patches occur on very rusty broken surfaces, and range in size between 2-4 mm.
			18.05	32.25	14.20	BXA							s	s	m								Li	s	Mc	t		Moderate clay and strong epidote alteration. Light pink overprint, potassic alteration(?).
			26.10	27.94	1.84	BXA									s		CLY	m										
																	K	w										

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION						MINERALS						Photo	DETAILED DESCRIPTION	
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency)	Oxidation	Jasper	Epidote		Other		Pyrite			Other		Other			
																	Type	Intensity				Type	Intensity				
			28.67	30.78	2.11	BXA							s		s		CLY	m								Intensely altered breccia. Potassic and epidote 'fluid pulses/migration textures" are observed in this zone. Clasts have been completely altered and deformed. Quartz whisps appear on few remnant clasts. Unit is hard and silicified. Moderate clay and strong epidote alteration. Light pink overprint, potassic alteration.	
																	K	w									
																	SIL	s									
			29.60	30.20	0.60								i										Li	s			Crumbly, heterolithic rubble. Pervasive oxidation.
			30.78	31.95	1.17								i										Li	s			
32.25	39.18	6.93				CHT							s	m	w		SIL	s	t								Deep to light maroon with a pinkish tinge, altered chert. White quartz tension gashes and quartz veins are abundant and resemble a stockwork. A scintery black coating occurs alongside hematite and oxidized fractured surfaces. Fine grained pyrite occurs locally and overprints tension gashes. In few areas jasper has filled voids and seams in quartz veins and occurs within the white matrix.
39.18	55.16	15.98				CHT							m	m	m		SIL	m									Maroon, aphanitic chert with numerous light tan to beige stringers, and interbedded layers of intensely jasper and epidote altered breccia.
			39.64	39.92	0.28	CHT																	GYP	t			Light tan to beige, fine grained, crystalline gypsum rosettes occur along a fractured surface. An 8 mm, subhedral chalcopyrite occurs alongside the rosettes border.
																							CPY	t			

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION					MINERALS					Photo	DETAILED DESCRIPTION				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/	Oxidation	Jasper	Epidote		Type	Intensity	Other	Pyrite					Type	Intensity	Other	Other
			40.00	55.16	15.16	CHT							m	m	m		CAR	w									Dark chlorite green breccia interbedded with maroor chert. These units show numerous signs of interfingering and cross-cutting relationships. The brecciated sections is moderately oxidized and contains few clay altered, crumbly zones. Most clasts have been altered. Jasper overprints onto most areas in this interval. White semi-crystalline calcite veins are between 1 to 3 mm and occur on few fractures. A black scintery mineral (manganese?) occurs alongside oxidized surfaces. Intense epidote pulses occur in sync with potassic altered zones. These altered zones are quartz flooded, and contain randomly oriented quartz veins. Maroon cherty zones contain dark red whisps and quartz veins. Weakly oxidized with carbonate on few fractured surfaces. Chert unit appears is more resilient and is significantly less altered.	
																	SER	m										
55.16	56.18	1.02				RHY											CHL	s									Light green to dark green volcanic flow (RHY?) with quartz phenocrysts. Flow bands are 1 to 15 mm wide and contain 1 to 2 mm, rounded, hard quartz crystals. Tension gashes are present throughout and filled with a soft, dark green to black mineral, chlorite or ultramafic (from the ULT below)? Spotty hematite patches are between 1 to 3 mm wide and occur on fractured surfaces.	
			53.80	56.18	2.38												CLY	i									Intensely clay altered volcanic flow. Primary features have been deformed, altered and are barely recognizable. Carbonate coated fractures and stringers are abundant.	
																	CAR	s										
56.18	63.03	6.85				ULT											CHL	s									Dark green, granular, locally competent, intensely clay altered, serpentinized, magnetic ultramafic. Carbonate stringers and veins are abundant, and strongly effervesce. Clay alteration is pervasive. Few slickensides. Dark red, mushy hematitic patches are common.	
																	CLY	i										
																	CAR	s										

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION					MINERALS						Photo	DETAILED DESCRIPTION		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (to)	Attitude (fa)	Density (frequency)	Oxidation	Jasper	Epidote		Other		Pyrite			Other				Other	
																	Type	Intensity				Type	Intensity			Type	Intensity
			58.51	59.51	1.00	CHT							s		m		CAR	i									Maroon chert with cross-cutting carbonate stringers and veins (up to 8 cm wide). Unit appears to be in the preliminary stages to deformation. Numerous chert fragments occur within and alongside veins. Semi-crystalline epidote vein occurs within this interval. Oxidized surfaces are common and abundant. Not magnetic.
EOH																											

Sample Log

Hole: BOLT-10-01

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Comments
5.30	8.30	3.00	2.97	99	J981479	1	<0.005	<0.2	691	3	199	
8.30	11.30	3.00	3.00	100	J981480	1	<0.005	<0.2	744	4	157	
11.30	14.30	3.00	3.00	100	J981481	1	<0.005	<0.2	247	3	230	
14.30	16.40	2.10	2.08	99	J981482	1	<0.005	<0.2	481	<2	365	
16.40	16.85	0.45	0.45	100	J981483	1	<0.005	0.2	5000	<2	650	
-	-	-	-	-	J981484	1	<0.005	<0.2	14	8	22	Blank
16.85	18.05	1.20	0.93	78	J981485	1	<0.005	<0.2	984	2	287	
18.05	21.05	3.00	3.00	100	J981486	1	<0.005	<0.2	858	2	211	
21.05	24.05	3.00	3.00	100	J981487	1	<0.005	<0.2	153	3	269	
24.05	26.10	2.05	1.80	88	J981488	1	<0.005	<0.2	514	<2	232	
-	-	-	-	-	J981489	1	0.259	98.0	6760	10100	5130	Standard CDN-ME-6
26.10	27.74	1.64	1.64	100	J981490	1	<0.005	0.2	1250	11	307	
27.74	29.60	1.86	1.86	100	J981491	1	<0.005	<0.2	3320	4	154	
29.60	30.20	0.60	0.57	95	J981492	1	<0.005	<0.2	3930	3	272	Intensely oxidized and clay altered
30.20	30.78	0.58	0.58	100	J981493	1	<0.005	<0.2	823	4	195	
30.78	31.95	1.17	1.15	98	J981494	1	<0.005	<0.2	94	<2	824	Intensely oxidized and clay altered
31.95	33.95	2.00	1.50	75	J981495	1	<0.005	<0.2	131	5	166	
31.95	33.95	2.00	1.50	75	J981496	1	<0.005	<0.2	99	4	131	Duplicate
33.95	36.88	2.93	1.20	41	J981497	1	0.028	2.2	4390	4	737	
36.88	38.80	1.92	0.25	13	J981498	1	0.014	1.3	2240	2	759	
38.80	40.00	1.20	1.20	100	J981499	1	<0.005	0.7	1065	3	646	
-	-	-	-	-	J981500	1	<0.005	<0.2	23	10	23	Blank
40.00	42.98	2.98	2.30	77	J981501	1	<0.005	0.7	259	2	302	
42.98	46.02	3.04	3.00	99	J981502	1	<0.005	<0.2	75	3	90	
46.02	49.07	3.05	2.85	93	J981503	1	<0.005	<0.2	801	2	223	
49.07	49.82	0.75	0.75	100	J981504	1	<0.005	<0.2	40	2	114	Intense epidote, moderate potassic & quartz altered
49.82	52.12	2.30	1.95	85	J981505	1	<0.005	<0.2	99	3	58	
-	-	-	-	-	J981506	1	0.228	155.0	2750	50600	51700	Standard CDN-ME-7
52.12	55.16	3.04	3.04	100	J981507	1	<0.005	<0.2	79	9	79	
55.16	58.51	3.35	3.30	99	J981508	1	<0.005	<0.2	40	14	55	
58.51	59.51	1.00	1.00	100	J981509	1	<0.005	<0.2	57	7	55	
59.51	61.26	1.75	1.56	89	J981510	1	<0.005	<0.2	26	6	28	Chert
61.26	63.03	1.77	1.77	100	J981511	1	<0.005	<0.2	42	6	35	Ultramafic

GEOTECHNICAL LOG

HOLE: BOLT-10-01

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Comments
0.00	6.40	6.40	1.41	22	0.42	7		SW	
6.40	9.45	3.05	3.00	98	2.60	85		FR	
9.45	12.49	3.04	3.02	99	2.55	84		FR	
12.49	15.54	3.05	2.97	97	2.31	76		SW	
15.54	18.59	3.05	2.75	90	0.90	30		MW	
18.59	21.64	3.05	2.70	89	1.25	41		SW	
21.64	24.69	3.05	2.80	92	0.45	15		SW	
24.69	27.74	3.05	2.95	97	0.36	12		SW	
27.74	30.78	3.04	2.86	94	0.50	16		HW	
30.78	33.83	3.05	2.71	89	0.34	11		HW	
33.83	36.88	3.05	1.30	43	0.00	0		HW	
36.88	39.92	3.04	1.26	41	0.40	13		HW	
39.92	42.98	3.06	2.60	85	0.00	0		HW	
42.98	46.02	3.04	2.90	95	0.14	5		HW	
46.02	49.07	3.05	3.01	99	0.37	12		SW	
49.07	52.12	3.05	2.70	89	1.60	52		FR	
52.12	55.16	3.04	3.03	100	1.04	34		FR	
55.16	58.21	3.05	2.55	84	0.69	23		MW	
58.21	61.26	3.05	2.54	83	0.00	0		MW	
61.26	63.03	1.77	1.76	99	0.00	0		MW	
EOH									

MAGNETIC SUSCEPTIBILITY LOG

HOLE: BOLT-10-01

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00			N/A	
2.00			N/A	
3.00			N/A	
4.00			N/A	
5.00			0.36	
6.00			0.4	
7.00			0.62	
8.00			0.62	
9.00			0.87	
10.00			0.54	
11.00			0.65	
12.00			0.58	
13.00			0.56	
14.00			0.56	
15.00			0.6	
16.00			N/A	
17.00			0.67	
18.00			N/A	
19.00			0.84	
20.00			0.73	
21.00			0.6	
22.00			0.96	
23.00			0.38	
24.00			0.62	
25.00			0.4	
26.00			0.6	
27.00			0.69	
28.00			2.34	
29.00			0.49	
30.00			0.56	
31.00			0.38	
32.00			0.29	
33.00			0.09	
34.00			0.03	
35.00			0.36	
36.00			N/A	
37.00			N/A	
38.00			N/A	
39.00			0.47	
40.00			0.09	
41.00			0.43	
42.00			0.45	
43.00			0.65	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
44.00			0.53	
45.00			0.54	
46.00			0.53	
47.00			1.13	
48.00			0.67	
49.00			0.18	
50.00			0.12	
51.00			0.1	
52.00			0.29	
53.00			0.1	
54.00			0.58	
55.00			0.32	
56.00			0.43	
57.00			0.49	
58.00			1.99	
59.00			0.09	
60.00			41.8	
61.00			34.6	
62.00			0.65	
63.00			34.4	
EOH				

BOX LOG

HOLE: BOLT-10-01

BOX	FROM (m)	TO (m)
1	0.00	8.85
2	8.85	12.73
3	12.73	16.75
4	16.75	20.78
5	20.78	24.69
6	24.69	28.54
7	28.54	32.66
8	32.66	39.92
9	39.92	44.02
10	44.02	48.01
11	48.01	51.96
12	51.96	55.31
13	55.31	59.40
14	59.40	63.03
EOH		

BOLT PROPERTY

Grid East	Grid North	Easting	Northing	Elev. (m)	Depth (m)
4+75E	8+00N	446196	6819598	1525	39.93

ZONE:

SECTION:

HOLE: BOLT-10-02

CLAIM: Bolt 3 YC73900

Contractor: Top Rank Diamond Drilling Ltd

Drill: JKS-300

Core size: NTW & BTW

Casing depth: 4.18 (m) in / out

Drilling dates: July 19th to July 21st, 2010

Geology logged by: Oliver Fu

[illegible]

TARGET:

[illegible]

SAMPLES
Numbers: J981512 to J981526
Total: 15
Batch: <u>1, 2</u>
Date Sent: <u>October 15, 2010</u>
Certificate: WH10150448, WH10150449

COMMENTS	

GEOLOGY LOG

HOLE: BOLT-10-02

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION				MINERALS						Photo	DETAILED DESCRIPTION			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/	Oxidation	Jasper	Epidote		Other		Pyrite			Other			Other		
																	Type	Intensity				Type			Intensity	Type	Intensity
0.00	4.18	4.18				CAS																				Casing. 12 cm recovered. Rounded fragments. One dark clast is weakly malachite stained.	
																										Medium to dark green, poorly sorted, hard, heterolithic breccia. Oxidized on fractured surfaces, locally pervasive. Manganese staining occurs alongside limonite on fractures. Weak local foliation. Clasts are between 0.2 to 6 cm wide. Matrix supported, locally clast supported. Moderately silicified. Trace malachite and chalcocite on a fractured surface. Note: From 4.18 to 6.5 m, not a clean volcanic breccia. Remnant flow textures are observed. This unit is relatively equivalent to the top of BOLT-10-01, although it has undergone significant alteration.	
4.18	27.73	23.55				BXA							s					SIL	m					Mc	t		
																								Cc	t		
				4.47	4.48	0.01																		Mc	t		Trace malachite and chalcocite on a fractured surface.
																								Cc	t		
																											Epidote pulse accompanied by a light pink, potassic overprinting of the light green breccia. Remnant clasts are still visible although intensely altered.
				14.55	14.75	0.20							w		m			K	w								
																		SIL	m								
																											Light tan-green, matrix supported volcanic flow(?). Appears to have originally been a rhyolitic flow. Dark green, rounded, altered, soft crystals suspended in the matrix. These crystals may have been pyroxenes or quartz eyes(?)
				14.75	15.10	0.35																					Cave with small rounded pebbles
				17.07	18.59	1.52																					Intensely clay altered, crumbly, light green breccia. Intensely oxidized and mushy.
				18.59	18.90	0.31	BXA						s					CLY	i								Dark maroon to brown, jasper and epidote altered breccia. Moderately to strongly oxidized. Clasts are altered and only a faint outline remains. Locally rubbly. Few white quartz veins range in size between 1 to 2 cm. Few zones contain crystalline epidote.
				18.90	27.73	8.83							m	s	m												Light brown, mushy, intensely clay altered and oxidized zone.
				24.00	24.69	0.69							s					CLY	i								

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION						MINERALS						Photo	DETAILED DESCRIPTION	
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency)	Oxidation	Jasper	Epidote		Other		Pyrite			Other		Other			
																	Type	Intensity				Type	Intensity				
27.73	39.93	12.20				CHT							w	w	w			SIL	s								Maroon, aphanitic chert with local quartz flooded zones. Interval has undergone weak epidote and jasper overprinting. Cherty crystals are found within quartz veins. Epidote alteration is pervasive. Entire zone is rubbly.
			33.40	33.83	0.43	CHT							s														Strongly oxidized
			34.00	34.50	0.50	CHT							i														Intensely oxidized and crumbly chert
EOH																											

Sample Log

Hole: BOLT-10-02

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Comments
4.18	6.40	2.22	2.12	95	J981512	1	<0.005	<0.2	373	4	70	
6.40	9.45	3.05	2.95	97	J981513	1	<0.005	<0.2	340	3	196	
9.45	12.50	3.05	3.05	100	J981514	1	<0.005	<0.2	225	<2	244	
12.50	14.82	2.32	2.30	99	J981515	2	<0.005	0.2	73	3	126	
14.82	17.07	2.25	1.60	71	J981516	2	<0.005	<0.2	70	2	337	Cave between 17.07-18.59 m. Recovery: small rounded pebbles, unrelated to interval.
18.59	21.05	2.46	1.90	77	J981517	2	<0.005	<0.2	74	2	298	
21.05	24.00	2.95	2.00	68	J981518	2	<0.005	<0.2	70	<2	227	Intensely oxidized
24.00	24.69	0.69	0.69	100	J981519	2	<0.005	<0.2	34	<2	198	
-	-	-	-	-	J981520	2	2.150	14.3	5000	241	13250	Standard CDN-ME-2
24.69	27.73	3.04	2.75	90	J981521	2	<0.005	<0.2	61	2	285	
27.73	30.78	3.05	2.55	84	J981522	2	<0.005	<0.2	51	3	83	
30.78	34.00	3.22	2.60	81	J981523	2	<0.005	0.7	50	2	203	
-	-	-	-	-	J981524	2	<0.005	<0.2	2	3	19	Blank
34.00	34.50	0.50	0.42	84	J981525	2	<0.005	<0.2	120	4	1615	Intensely oxidized
34.50	35.15	0.65	0.65	100	J981526	2	<0.005	0.2	41	4	81	

GEOTECHNICAL LOG

HOLE: BOLT-10-02

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Comments
0.00	6.40	6.40	1.41	22	0.42	7		SW	
6.40	9.45	3.05	3.00	98	2.60	85		FR	
9.45	12.49	3.04	3.02	99	2.55	84		FR	
12.49	15.54	3.05	2.97	97	2.31	76		SW	
15.54	18.59	3.05	2.75	90	0.90	30		MW	
18.59	23.16	4.57	3.00	66	1.48	32		SW	
23.16	24.69	1.53	1.08	71	0.11	7		MW	
24.69	26.21	1.52	1.15	76	0.00	0		MW	
26.21	27.73	1.52	1.35	89	0.00	0		SW	
27.73	29.26	1.53	1.00	65	0.00	0		SW	
29.26	30.78	1.52	1.10	72	0.00	0		SW	
30.78	32.31	1.53	0.52	34	0.00	0		FR	
32.31	33.83	1.52	1.55	102	0.00	0		SW	
33.83	35.36	1.53	1.11	73	0.00	0		SW	
35.36	36.88	1.52	0.65	43	0.00	0		SW	Reduced from NTW to BTW
36.88	39.92	3.04	0.40	13	0.00	0		SW	
EOH									

MAGNETIC SUSCEPTIBILITY LOG

HOLE: BOLT-10-02

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00			N/A	
2.00			N/A	
3.00			N/A	
4.00			N/A	
5.00			N/A	
6.00			0.36	
7.00			0.47	
8.00			0.65	
9.00			0.58	
10.00			0.58	
11.00			0.58	
12.00			0.75	
13.00			0.54	
14.00			0.56	
15.00			0.53	
16.00			0.40	
17.00			0.54	
18.00			0.58	
19.00			0.58	
20.00			0.73	
21.00			N/A	
22.00			0.58	
23.00			0.60	
24.00			0.64	
25.00			0.47	
26.00			0.36	
27.00			0.62	
28.00			0.21	
29.00			0.10	
30.00			0.31	
31.00			0.62	
32.00			N/A	
33.00			0.27	
34.00			0.14	
35.00			0.14	Size Reduction (NTW to BTW)
36.00			0.18	
37.00			N/A	
38.00			N/A	
39.00			0.18	
EOH				

BOX LOG

HOLE: BOLT-10-02

BOX	FROM (m)	TO (m)
1	0.00	8.85
2	8.85	12.73
3	12.73	16.75
4	16.75	22.25
5	22.25	26.50
6	26.50	31.02
7	31.02	35.15
8	35.15	35.36
9	35.36	39.92
EOH		

BOLT PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
3+75E	8+00N	446195	6819596	1510	152.70

ZONE:

SECTION:

HOLE: BOLT-10-03

CLAIM: Bolt 3 YC73900

Contractor: Top Rank Diamond Drilling Ltd

Drill: JKS-300

Core size: NTW & BTW

Casing depth: 4.87 (m) in / out

Drilling dates: July 22nd to July 26th, 2010

Geology logged by: Oliver Fu

[illegible]

TARGET:

[illegible]

SAMPLES
Numbers: J981527 to J981551
Total: 15
Batch: 1, 2
Date Sent: October 15, 2010
Certificate: WH10150449, WH10150834

COMMENTS	

GEOLOGY LOG

HOLE: BOLT-10-03

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION						MINERALS						Photo	DETAILED DESCRIPTION		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency)	Oxidation	Jasper	Epidote		Other		Pyrite				Type	Intensity			Type	Intensity
																	Type	Intensity										
0.00	4.87	4.87				OVB																					Overburden. 25 cm recovered. Maroon chert pebbles and broken up leucogabbro.	
4.87	20.11	15.24				LGAB							m			w		CLY	m								Light green, moderately altered leucogabbro. Unit weathers to light brown-orange. White, megacrystic, euhedral, plagioclase crystals range in size between 2 to 12 mm.	
																		CHL	m									
																		K	w									
			7.32	7.92	0.60				DY																		Dark grey, fine grained, siliceous dyke	
																											Dark green to black, medium to coarse grained, weakly to moderately magnetic ultramafic. Upper and lower contacts are intensely clay altered, granular, and soft. Dark red hematitic whisps are common. Local epidote-rich pulses infills fractures and seams. Carbonate alteration is strong and mainly on fractured surfaces.	
			14.55	19.00	4.45	ULT							t		s			CLY	s									
																		CHL	m									
																		CAR	s									
20.11	41.35	21.24				BXA							w		w			SIL	m								Medium to dark green, heterolithic, matrix supported breccia. Fragments are angular to subrounded, poorly sorted, light tan to dark green and white, and range in size between 0.2 to 3 cm. Local zones are speckled with dark, round crystals between 1 to 2 mm. These zones are matrix supported. The entire unit is moderately broken up. Dark green to black tension gashes are soft, and appear to be filled with chlorite. Tension gashes mainly occur proximally to jasper and epidote altered zones. Few white carbonate infilled seams. Black manganese staining occurs on fractured surfaces. Silicification varies from trace to moderate.	

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION						MINERALS						Photo	DETAILED DESCRIPTION	
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/	Oxidation	Jasper	Epidote		Type	Intensity	Pyrite			Type	Intensity	Type			Intensity
																		Type	Intensity	Type	Intensity	Type	Intensity				
			29.80	41.35	11.55									m			SIL	s								Multiple alteration events. White tension gashes are moderately hard, and dolomitic in composition (effervesces only when scratched). Lithic fragments are larger, and range in size between 1.5 to 7 cm. Few clasts contain soft, rounded fragments between 1 to 3 mm within their matrix. Moderately jasper altered. Epidote alteration occurs alongside jasper altered zones. These zones show fluid migration textures (32.1 m). Jasper alteration appears to be primary, followed by epidote alteration. Tension gashes appear to be the end stage of the alteration event.	
41.35	43.55	2.20				VOL								s												Light green to dark chlorite green volcanic flow with small, subrounded to rounded, soft, cloudy black crystals. Flow banding is evident, and range in size between 1 to 15 mm wide. Manganese stained patches are between 2 to 3 mm wide. Strong epidote alteration.	
			41.86	43.55	1.69												CLY	i								Light buff, intensely clay altered, soft, and granular zone.	
																	CAR	s									
43.55	99.00	55.45				VOL/ BXA							t		m											Volcanic flow interfingering a green breccia. This zone displays textures from both units, and contains numerous tension gashes which have all been filled with a white carbonaceous mineral, or a soft, non-magnetic, dark green chlorite-rich or ultramafic mineral (44.0 m). Manganese staining occurs throughout. This unit is relatively identical to the interval above, between 41.35 to 43.55 m,	
			52.50	55.50	3.00																					The zone is silicified and hard. Few light pink, potassic altered patches occur alongside epidote altered zones. Subrounded, lenticular, hard, quartz phenocrysts occur throughout and range in size between 1 to 2 mm. Sharp lower contact. Deformation between intensifies with depth. Lower contact transitions to an intensely jasper altered green breccia. Dark green, soft tension gashes are numerous at the lower contact.	
															m		SIL K	s m									

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION						MINERALS						Photo	DETAILED DESCRIPTION	
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency)	Oxidation	Jasper	Epidote		Other		Pyrite			Other		Other			
																	Type	Intensity				Type	Intensity				
			55.50	87.22	31.72									s	m			SIL	m								Intensely jasper altered breccia. Remnant outlines of clasts are still present, although most have a strong jasper overprint. Jasper alteration has destroyed the brecciated texture. There are numerous cross-cutting epidote, chlorite and carbonate veins that range in size between 5 to 20 mm. Crystalline epidote is common on fractured surfaces and within veins. Local potassic altered zones occur alongside epidote 'pulses'.
																		K	w								
			60.02	60.20	0.18																						Light orange-red, hard clast. Sharp contacts. Clast not yet seen in core. Black scintery mineral is found on fractured surfaces. Tension gashes within the clast are 1 to 2 mm wide. The clast resembles an altered chert fragment.
			75.70	78.02	2.32	BXA								w	s			SIL	s								Light green breccia. Crystalline epidote veins cross-cutting the unit are common. Overall epidote alteration is strong. Few white quartz veins occur alongside epidote altered zones. Clasts are matrix supported, subangular to subrounded and follow a very weak, local foliation. Jasper alteration is weak. Few clasts show a weak jasperitic overprint. Dendritic manganese staining is common on fractured surfaces.
			78.02	78.37	0.35										s			CLY	i								Same clast/unit as interval between 60.02 to 60.20 m. Although unit has undergone intense clay alteration.
			87.22	91.20	3.98									w				SIL	s								Light pinkish alteration in a light green, bleached, altered volcanic flow and brecciated unit. Quartz veins are sparse and 2 cm wide. Dark green, soft, tension gashes are common at the upper and lower contacts.
																		K	s								
																		CHL	m								

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION					MINERALS						Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tta)	Density (frequency/)	Oxidation	Jasper	Epidote		Other	Pyrite			Other	Other			
																	Type				Type	Intensity	Type	Intensity	
			91.20	99.00	7.80	VOL/ BXA							t	w	m		CLY w SIL w SER m								Altered breccia and volcanic flow. Upper and lower contact are potassic altered and contain tension gashes filled with a soft, dark green mineral (chlorite?). Unit is matrix supported, and fragments contain tension gashes within their matrix. Most clasts have undergone weak to moderate jasper and epidote alteration. Few flow textures are preserved but deformed. Light tan sericite altered zones have undergone weak clay alteration. Note: this is a narrow zone showing multiple phases of alteration. From potassic -> epidote & potassic -> jasper -> clay altered with local silicified zones.
99.00	152.70	53.70				ULT								w			CHL CLY								Dark black with a greenish tinge, medium grained, moderately magnetic, serpentinized ultramafic with weak jasper altered zones. Dark maroon jasper alteration occurs as wisps and cryptic patches. Locally clay altered. Serpentinized surfaces are sleek, slightly grease and vary from light to medium green. Section is weakly to moderately broken and rubbly. Carbonate stringers occur locally. Note: This unit is most likely responsible for the alteration above.
			127.75	133.00	5.25	BXA								w	m		CHL m SIL w CLY w SER w								Altered green breccia interbedded with a volcanic flow. Zone has undergone intense deformation. Tension gashes, and quartz veins are abundant at the upper contact. Unit is soft, local silicified zones are harder. Jasper alteration is patchy, and locally overprints the unit. Locally clay altered. Epidote alteration is locally pervasive. Dendritic manganese staining is common on fractured surfaces.
			129.00	131.37		VOL											CAR s								Purplish maroon, soft, deformed and sheared, jasper altered volcanic flow(?). Weak local foliation. Local white carbonate seams and veins range in size between 1 to 7 mm wide.
EOH																									

Sample Log

Hole: BOLT-10-03

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Comments
4.87	7.92	3.05	2.10	69	J981527	2	<0.005	0.7	260	<2	96	
7.92	10.97	3.05	2.00	66	J981528	2	<0.005	<0.2	238	<2	163	
10.97	12.49	1.52	0.42	28	J981529	2	<0.005	<0.2	71	<2	55	Very poor recovery.
12.49	14.55	2.06	1.45	70	J981530	2	<0.005	<0.2	110	2	79	Bx ontact
14.55	17.07	2.52	1.70	67	J981531	2	<0.005	<0.2	22	2	26	ULT contact
17.07	20.11	3.04	2.35	77	J981532	2	<0.005	<0.2	28	2	20	
20.11	23.16	3.05	2.90	95	J981533	2	<0.005	<0.2	121	2	111	
-	-	-	-	-	J981534	2	0.221	149.0	2460	4800	48200	Standard CDN-ME-7
23.16	26.21	3.05	2.50	82	J981535	2	<0.005	<0.2	59	4	75	
26.21	29.26	3.05	3.05	100	J981536	2	<0.005	<0.2	51	7	68	
29.26	32.31	3.05	2.95	97	J981537	2	<0.005	0.3	62	115	190	
29.26	32.31	3.05	2.95	97	J981538	2	<0.005	<0.2	57	4	78	Duplicate
32.31	35.35	3.04	3.04	100	J981539	2	<0.005	<0.2	57	<2	78	
49.50	52.50	3.00	3.00	100	J981540	2	<0.005	<0.2	83	9	106	Volcanic flow/Green Breccia?
52.50	55.50	3.00	3.00	100	J981541	2	<0.005	<0.2	146	2	118	Potassic altered
55.50	58.50	3.00	2.90	97	J981542	2	<0.005	<0.2	228	3	133	Strong jasper alteration
-	-	-	-	-	J981543	2	<0.005	<0.2	2	3	18	Blank
58.50	61.50	3.00	3.00	100	J981544	2	<0.005	<0.2	180	<2	167	
72.70	75.70	3.00	3.00	100	J981545	2	<0.005	<0.2	87	<2	109	
75.70	78.02	2.32	1.75	75	J981546	2	<0.005	<0.2	50	5	91	
78.02	81.07	3.05	3.00	98	J981547	2	<0.005	<0.2	97	2	113	
95.00	98.00	3.00	2.86	95	J981548	2	<0.005	<0.2	64	<2	61	
98.00	101.00	3.00	1.30	43	J981549	2	<0.005	<0.2	22	<2	27	
113.08	116.13	3.05	1.85	61	J981550	2	<0.005	<0.2	39	<2	27	
116.13	119.18	3.05	1.85	61	J981551	3	<0.005	<0.2	7	3	10	

GEOTECHNICAL LOG

HOLE: BOLT-10-03

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Comments
0.00	4.87	4.87	0.30	6	0	0		SW	
4.87	6.40	1.53	1.00	65	0.00	0		SW	
6.40	7.92	1.52	1.13	74	0.00	0		SW	
7.92	9.45	1.53	1.40	92	0.00	0		MW	
9.45	10.97	1.52	0.80	53	0.00	0		MW	
10.97	12.49	1.52	0.35	23	0.00	0		SW	
12.49	14.02	1.53	1.13	74	0.00	0		MW	
14.02	15.54	1.52	1.20	79	0.35	23		SW	
15.54	17.07	1.53	0.70	46	0.00	0		MW	
17.07	20.11	3.04	2.30	76	1.70	56		MW	
20.11	21.64	1.53	1.30	85	0.80	52		SW	
21.64	23.16	1.52	1.55	102	0.90	59		SW	
23.16	24.69	1.53	1.20	78	0.36	24		SW	
24.69	26.21	1.52	1.30	86	0.30	20		SW	
26.21	27.73	1.52	1.53	101	0.37	24		FR	
27.73	29.26	1.53	1.26	82	0.72	47		FR	
29.26	30.78	1.52	1.20	79	0.75	49		FR	
30.78	32.31	1.53	1.56	102	1.56	102		FR	
32.31	33.83	1.52	1.56	103	1.25	82		FR	
33.83	35.35	1.52	1.50	99	0.80	53		FR	
35.35	36.88	1.53	1.50	98	1.40	92		FR	
36.88	38.40	1.52	1.43	94	0.75	49		FR	
38.40	39.93	1.53	0.40	26	0.00	0		FR	
39.93	41.45	1.52	1.20	79	0.00	0		FR	
41.45	42.97	1.52	1.16	76	0.60	39		FR	
42.97	44.50	1.53	1.60	105	1.00	65		SW	
44.50	46.02	1.52	1.40	92	0.88	58		FR	
46.02	47.55	1.53	1.25	82	0.00	0		FR	
47.55	49.07	1.52	1.30	86	1.09	72		FR	
49.07	50.59	1.52	1.53	101	1.33	87		FR	
50.59	52.12	1.53	1.44	94	1.06	69		FR	
52.12	53.64	1.52	1.48	97	1.07	70		FR	
53.64	55.17	1.53	1.13	74	1.15	75		FR	
55.17	56.69	1.52	1.48	97	1.05	69		FR	
56.69	58.21	1.52	1.31	86	0.00	0		FR	
58.21	59.74	1.53	1.40	92	0.00	0		FR	
59.74	61.23	1.49	1.52	102	0.75	50		FR	
61.23	62.79	1.56	1.41	90	0.40	26		FR	
62.79	64.31	1.52	1.41	93	1.18	78		FR	
64.31	65.83	1.52	1.55	102	0.77	51		FR	
65.83	67.36	1.53	1.38	90	0.27	18		FR	
67.36	68.88	1.52	1.45	95	0.47	31		FR	
68.88	70.44	1.56	1.35	87	0.72	46		FR	
70.44	71.63	1.19	1.23	103	0.41	34		FR	
71.63	73.45	1.82	1.53	84	0.73	40		FR	
73.45	74.98	1.53	1.55	101	1.32	86		FR	
74.98	76.50	1.52	1.57	103	0.75	49		FR	
76.50	78.02	1.52	1.07	70	0.40	26		FR	
78.02	79.55	1.53	1.10	72	0.60	39		SW	
79.55	81.07	1.52	1.42	93	0.40	26		FR	

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Comments
81.07	82.60	1.53	1.43	93	0.60	39		FR	
82.60	84.12	1.52	1.40	92	0.63	41		FR	
84.12	85.65	1.53	1.10	72	0.40	26		FR	
85.65	88.69	3.04	2.95	97	0.61	20		FR	
88.69	91.74	3.05	2.55	84	1.40	46		FR	
91.74	94.79	3.05	2.65	87	1.10	36		FR	
94.79	97.84	3.05	2.70	89	1.50	49		SW	
97.84	100.89	3.05	1.45	48	0.57	19		SW	
100.89	103.93	3.04	1.47	48	0.10	3		MW	
103.93	106.98	3.05	1.26	41	0.00	0		MW	
106.98	110.03	3.05	1.30	43	0.00	0		MW	
110.03	113.08	3.05	1.52	50	0.00	0		MW	
113.08	116.13	3.05	2.40	79	0.32	10		SW	
116.13	119.18	3.05	1.70	56	0.60	20		SW	
119.18	122.24	3.06	1.04	34	0.00	0		SW	
122.24	125.27	3.03	2.21	73	0.13	4		SW	
125.27	128.32	3.05	2.40	79	0.87	29		SW	
128.32	131.37	3.05	1.90	62	0.88	29		MW	
131.37	134.41	3.04	1.76	58	0.30	10		MW	
134.41	137.46	3.05	0.90	30	0.00	0		SW	
137.46	140.51	3.05	1.60	52	0.56	18		SW	
140.51	143.56	3.05	2.43	80	0.52	17		SW	
143.56	146.60	3.04	2.01	66	0.90	30		SW	
146.60	149.66	3.06	1.80	59	1.24	41		SW	
149.66	152.70	3.04	1.40	46	1.53	50		SW	
EOH									

MAGNETIC SUSCEPTIBILITY LOG

HOLE: BOLT-10-03

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00			N/A	
2.00			N/A	
3.00			N/A	
4.00			N/A	
5.00			0.31	
6.00			0.27	
7.00			0.21	
8.00			0.42	
9.00			0.38	
10.00			0.25	
11.00			0.21	
12.00			N/A	
13.00			0.56	
14.00			0.34	
15.00			27.10	
16.00			0.75	
17.00			3.34	
18.00			11.00	
19.00			N/A	
20.00			0.82	
21.00			0.76	
22.00			0.53	
23.00			0.51	
24.00			0.45	
25.00			0.36	
26.00			0.54	
27.00			0.40	
28.00			0.47	
29.00			0.38	
30.00			0.65	
31.00			1.81	
32.00			0.60	
33.00			1.51	
34.00			0.54	
35.00			0.58	
36.00			0.67	
37.00			0.43	
38.00			0.32	
39.00			2.92	
40.00			3.40	
41.00			0.62	
42.00			0.43	
43.00			0.20	
44.00			10.90	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			0.42	
46.00			0.54	
47.00			0.29	
48.00			0.53	
49.00			0.47	
50.00			0.53	
51.00			0.32	
52.00			0.34	
53.00			0.36	
54.00			0.54	
55.00			0.51	
56.00			0.12	
57.00			0.87	
58.00			0.84	
59.00			1.66	
60.00			1.44	
61.00			0.78	
62.00			0.43	
63.00			0.64	
64.00			0.49	
65.00			0.49	
66.00			0.43	
67.00			0.60	
68.00			0.60	
69.00			0.27	
70.00			0.45	
71.00			0.40	
72.00			0.43	
73.00			0.65	
74.00			1.00	
75.00			0.53	
76.00			0.43	
77.00			0.40	
78.00			0.42	
79.00			0.53	
80.00			0.29	
81.00			0.05	
82.00			0.07	
83.00			0.08	
84.00			0.45	
85.00			0.05	
86.00			0.10	
87.00			0.29	
88.00			0.21	
89.00			0.07	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
90.00			0.07	
91.00			0.24	
92.00			0.61	
93.00			0.53	
94.00			0.65	
95.00			0.47	
96.00			0.28	
97.00			0.45	
98.00			4.65	
99.00			N/A	
100.00			16.90	
101.00			N/A	
102.00			N/A	
103.00			24.80	
104.00			30.90	
105.00			N/A	
106.00			16.20	
107.00			27.00	
108.00			N/A	
109.00			N/A	
110.00			48.90	
111.00			27.00	
112.00			N/A	
113.00			59.10	
114.00			18.40	
115.00			5.16	
116.00			50.20	
117.00			36.00	
118.00			N/A	
119.00			43.80	
120.00			28.70	
121.00			N/A	
122.00			21.10	
123.00			2.52	
124.00			1.80	
125.00			0.55	
126.00			0.53	
127.00			15.90	
128.00			1.88	
129.00			0.63	
130.00			N/A	
131.00			1.43	
132.00			0.69	
133.00			12.40	
134.00			49.50	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
135.00			35.30	
136.00			N/A	
137.00			N/A	
138.00			62.00	
139.00			N/A	
140.00			32.70	
141.00			31.40	
142.00			19.90	
143.00			34.20	
144.00			74.50	
145.00			20.30	
146.00			35.30	
147.00			26.60	
148.00			61.00	
149.00			73.30	
150.00			46.30	
151.00			51.50	
152.00			0.67	
EOH				

BOX LOG

HOLE: BOLT-10-03

BOX	FROM (m)	TO (m)
1	0.00	9.10
2	9.10	15.18
3	15.18	20.70
4	20.70	24.93
5	24.93	28.95
6	28.95	33.22
7	33.22	36.88
8	36.88	41.70
9	41.70	46.02
10	46.02	49.84
11	49.84	53.70
12	53.70	57.65
13	57.65	61.23
14	61.23	65.10
15	65.10	68.88
16	68.88	71.96
17	71.96	75.95
18	75.95	80.25
19	80.25	84.12
20	84.12	86.42
21	86.42	92.33
22	92.33	98.12
23	98.12	110.00
24	110.00	118.70
25	118.70	126.13
26	126.13	133.90
27	133.90	143.40
28	143.40	149.66
29	149.66	152.70
EOH		

BOLT PROPERTY

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
2+75E	8+00N	446105	6819559	1500	152.70

ZONE:

SECTION:

HOLE: BOLT-10-04

CLAIM: Bolt 3 YC73900

Contractor: Top Rank Diamond Drilling Ltd

Drill: JKS-300

Core size: NTW

Casing depth: 4.87 (m) in / out

Drilling dates: July 26th to July 30th, 2010

Geology logged by: Oliver Fu

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	70	-45.0	compass				

TARGET:

SUMMARY				
From (m)	To (m)	Interval	Unit	Comments
0.00	4.87	4.87	OVB	Overburden.
4.87	8.50	3.63	FLT	Fault scarp.
8.50	12.40	3.90	ULT	Serpentinized ultramafic.
12.40	17.78	5.38	BXA	Heterolithic breccia.
17.78	25.60	7.82	ULT	Serpentinized ultramafic.
25.60	26.85	1.25	BXA	Heterolithic breccia.
26.85	31.25	4.40	ULT	Serpentinized ultramafic.
31.25	61.85	30.60	BXA	Altered breccia.
61.85	64.00	2.15	BXA	Clay altered breccia.
64.00	109.62	45.62	BXA	Altered breccia.
109.62	116.60	6.98	LGAB	Leucogabbro
116.60	140.51	23.91	VOL	Heterolithic mafic volcanic
140.51	142.51	2.00	ULT	Serpentinized ultramafic.
142.51	152.70	10.19	BXA	Altered heterolithic breccia.
EOH				

SAMPLES
Numbers: J981552 to J981577
Total: 26
Batch: 3
Date Sent: October 15, 2010
Certificate: WH10150834

COMMENTS	

GEOLOGY LOG

HOLE: BOLT-10-04

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION						MINERALS						Photo	DETAILED DESCRIPTION	
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency)	Oxidation	Jasper	Epidote		Other		Pyrite			Other		Other			
																	Type	Intensity				Type	Intensity				
0.00	4.87	4.87				OVB																				Overburden. 20 cm recovered	
																										Fault scarp. Sharp discontinuous contacts between competent sections. Very poor recovery. Competent sections are between 8 to 15 cm long, and mainly consist of an altered volcanic breccia. Few brecciated sections show fluid migration textures. Fault scarp consists of a rubbly conglomerate, matrix supported with fragments between 2 to 30 mm wide. Note: The interval between 6.4 to 7.5 m shows the a transition from fault to fault scarp (common when in close proximity to hydrothermal systems - Don Murphy, YGS).	
4.87	8.50	3.63							FLT																		
8.50	12.40	3.90				ULT							t					CHL	w							Black with a greenish tinge, medium grained, moderately to strongly magnetic, weakly serpentinized ultramafic. Light beige alteration occurs on fractures surfaces (possibly a precursor to serpentinization?). The alteration is non-carbonaceous, soft and mushy.	
12.40	17.78	5.38				BXA												CHL	m							Light green, slightly bleached, poorly sorted heterolithic breccia. Weakly chloritized fragments	
																		SER	w								
17.78	25.60	7.82				ULT							t													Black with a greenish tinge, medium grained, moderately to strongly magnetic, weakly serpentinized ultramafic. Light beige alteration occurs on fractures surfaces (possibly a precursor to serpentinization?). The alteration is non-carbonaceous, soft and mushy.	
25.60	26.85	1.25				BXA												CHL	m							Light green, slightly bleached, poorly sorted heterolithic breccia. Weakly chloritized fragments	
																		SER	w								
26.85	31.25	4.40				ULT												CHL	m							Black with a greenish tinge, medium grained, moderately to strongly magnetic, moderately	
																		CLY	s								

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION						MINERALS						Photo	DETAILED DESCRIPTION	
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency)	Oxidation	Jasper	Epidote		Other		Pyrite			Other		Other			
																	Type	Intensity				Type	Intensity				
31.25	61.85	30.60				BXA							t	w				SIL	s	t							Altered greenish-grey breccia with abundant tension gashes. Gashes are infilled with a soft, dark mineral (chlorite?). Chlorite and epidote veins are common. Light purplish-grey with a slightly dark center, subrounded mineral occurs in clusters (?). Fine grained pyrite crystals are disseminated throughout. The unit has undergone several alteration events. It is strongly silicified and hard. White quartz veins are scattered throughout and range in size between 2 to 10 mm.
																		SER	w								
																		K	w								
																		CHL	w								
61.85	64.00	2.15				BXA												CLY	m								Pale green, bleached and altered breccia. Entire zone is soft and moderately clay altered. Light pink potassic alteration occurs interstitially and on fractured surfaces. Lithic fragments are vaguely visible and appear chloritized.
																		CHL	m								
																		K	m								
64.00	109.62	45.62				BXA									w			SIL	s	f							Medium to dark green, hard, poorly sorted heterolithic breccia. Unit is silicified and contains few white quartz veins between 2 to 10 mm wide. Clasts are subangular to rounded. Few fractured surfaces show minor signs of sericite alteration. Pyrite is fine grained, subhedral to euhedral and disseminated. Epidote and potassic pulses occur alongside each other.
																		SER	t								
																		K	s								
																											Dark green heterolithic mafic breccia. Chloritized clasts are medium to dark green and commonly occur within an epidote altered zone. Tension gashes are scattered throughout and filled with a dark green mineral (chlorite?). Few soft, clay altered zones contain fine to medium grained disseminated pyrite. Epidote alteration occurs interstitially between clasts. Chlorite is also abundant on fractured surfaces.
			87.00	109.62	22.62	BXA								t	s			CHL	s	f							
																		SIL	s								
																		CLY	w								

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION					MINERALS						Photo	DETAILED DESCRIPTION		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/	Oxidation	Jasper	Epidote		Other		Pyrite			Other				Other	
																	Type	Intensity				Type	Intensity			Type	Intensity
109.62	116.60	6.98				LGAB											CHL	m	w							Dark grey and pale to medium green, equigranular, coarse grained leucogabbro with disseminated pyrite. Plagioclase crystals are subhedral to anhedral, white and surrounded by a dark green chloritic halo. Pyrite is fine grained.	
			112.10	116.60	4.50																					Interfingering of an altered heterolithic mafic breccia and a leucogabbro.	
116.60	140.51	23.91				BXA									s		CHL	s								Dark green heterolithic mafic breccia. Chloritized clasts are medium to dark green and commonly occur within an epidote altered zone. Tension gashes are scattered throughout and filled with a dark green mineral (chlorite?). Few soft, clay altered zones contain fine to medium grained disseminated pyrite. Epidote alteration occurs interstitially between clasts. Chlorite is also abundant on fractured surfaces. Locally hematized fractured surfaces.	
																	SIL	s									
			121.54	123.10	1.56	ULT											CLY	m								Dark green to black, moderately serpentinized, moderately magnetic ultramafic with clay altered zones.	
																	CHL	m									
			123.20	131.78	8.58	BXA											SIL	s								Heterolithic mafic breccia interfingering with an altered breccia. This unit shows scattered epidote and potassic altered zones.	
																	CHL	w									
																	K	w									
140.51	142.51	2.00				ULT											CHL	s								Dark green to black, moderately serpentinized, moderately magnetic ultramafic. Intensely clay altered and soft.	
																	CLY	i									

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION						MINERALS						Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency)	Oxidation	Jasper	Epidote		Other		Pyrite			Other		Other		
																	Type	Intensity				Type	Intensity	Type		
142.51	152.70	10.19				BXA									s		CHL	m	w							Medium to dark green, poorly sorted, alterec heterolithic breccia. Epidote occurs interstitially between clasts. Chloritized clasts are common. Pyrite is medium grained and disseminated throughout.
EOH																										
																										Note: Between the ultramafic and breccia units, slickensides are abundant. Contacts between both units are sharp and show no alteration nor interfingering (uncommon). Tension gashes are common. Definitely a faulted system.

Sample Log

Hole: BOLT-10-04

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Comments
41.45	44.50	3.05	1.90	62	J981552	3	<0.005	<0.2	74	7	83	Broken up section
44.50	47.55	3.05	2.70	89	J981553	3	<0.005	<0.2	164	<2	103	Broken up section
47.55	50.59	3.04	1.95	64	J981554	3	<0.005	<0.2	60	<2	98	Broken up section
50.59	53.64	3.05	1.75	57	J981555	3	<0.005	<0.2	82	<2	71	Broken up section
-	-	-	-	-	J981556	3	0.256	100	6480	9860	5100	Standard CDN-ME-6
67.36	70.41	3.05	3.05	100	J981557	3	<0.005	<0.2	84	8	87	
70.41	73.46	3.05	3.05	100	J981558	3	<0.005	<0.2	73	2	137	
73.46	76.50	3.04	3.40	112	J981559	3	<0.005	<0.2	70	<2	80	
76.50	79.55	3.05	3.05	100	J981560	3	<0.005	<0.2	102	<2	86	
79.55	82.60	3.05	3.05	100	J981561	3	0.007	0.3	470	2	350	
82.60	85.64	3.04	3.04	100	J981562	3	<0.005	<0.2	77	<2	85	
-	-	-	-	-	J981563	3	<0.005	<0.2	5	<2	18	Blank
85.64	88.69	3.05	3.05	100	J981564	3	<0.005	<0.2	115	<2	100	
88.69	91.74	3.05	3.05	100	J981565	3	<0.005	0.2	230	2	137	
109.62	112.10	2.48	2.48	100	J981566	3	<0.005	<0.2	6	<2	15	
112.10	115.10	3.00	3.00	100	J981567	3	<0.005	<0.2	74	<2	28	Leucogabbro
115.10	118.10	3.00	2.65	88	J981568	3	<0.005	<0.2	77	<2	62	
134.03	136.40	2.37	2.37	100	J981569	3	0.028	0.6	929	14	341	
136.40	138.40	2.00	2.00	100	J981570	3	<0.005	<0.2	64	<2	80	
138.40	140.51	2.11	2.11	100	J981571	3	<0.005	<0.2	51	6	50	
138.40	140.51	2.11	2.11	100	J981572	3	<0.005	<0.2	52	3	47	Duplicate
140.51	142.51	2.00	2.00	100	J981573	3	<0.005	<0.2	28	<2	21	
142.51	145.51	3.00	3.00	100	J981574	3	<0.005	0.3	102	3	87	
145.51	148.51	3.00	3.00	100	J981575	3	<0.005	<0.2	69	8	86	
-	-	-	-	-	J981576	3	0.226	150	2630	46700	49200	Standard CDN-ME-7
148.51	152.70	4.19	4.19	100	J981577	3	<0.005	<0.2	62	5	75	End sample

MAGNETIC SUSCEPTIBILITY LOG

HOLE: BOLT-10-04

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00			N/A	
2.00			N/A	
3.00			N/A	
4.00			N/A	
5.00			15.50	
6.00			0.62	
7.00			1.44	
8.00			0.75	
9.00			92.60	
10.00			19.70	
11.00			33.10	
12.00			5.41	
13.00			0.42	
14.00			0.67	
15.00			0.43	
16.00			0.45	
17.00			0.56	
18.00			22.00	
19.00			79.00	
20.00			58.90	
21.00			72.20	
22.00			18.60	
23.00			18.80	
24.00			3.12	
25.00			0.75	
26.00			0.53	
27.00			0.36	
28.00			0.56	
29.00			0.69	
30.00			0.56	
31.00			0.34	
32.00			0.31	
33.00			0.62	
34.00			0.58	
35.00			0.51	
36.00			0.45	
37.00			0.42	
38.00			0.18	
39.00			0.71	
40.00			0.62	
41.00			0.53	
42.00			0.23	
43.00			0.42	
44.00			0.65	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			0.54	
46.00			0.76	
47.00			0.54	
48.00			0.53	
49.00			0.47	
50.00			0.25	
51.00			0.42	
52.00			0.47	
53.00			0.34	
54.00			N/A	
55.00			0.42	
56.00			0.47	
57.00			0.53	
58.00			0.58	
59.00			0.51	
60.00			0.32	
61.00			0.47	
62.00			0.29	
63.00			0.65	
64.00			0.51	
65.00			0.43	
66.00			0.51	
67.00			0.71	
68.00			0.80	
69.00			0.53	
70.00			0.76	
71.00			0.78	
72.00			0.71	
73.00			0.73	
74.00			0.78	
75.00			0.56	
76.00			0.45	
77.00			0.47	
78.00			0.53	
79.00			0.56	
80.00			0.56	
81.00			0.53	
82.00			0.65	
83.00			0.62	
84.00			0.60	
85.00			0.47	
86.00			0.58	
87.00			0.21	
88.00			0.62	
89.00			0.60	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
90.00			0.51	
91.00			0.65	
92.00			0.65	
93.00			0.62	
94.00			0.71	
95.00			59.70	
96.00			5.01	
97.00			2.78	
98.00			0.86	
99.00			0.96	
100.00			0.93	
101.00			0.96	
102.00			0.86	
103.00			0.98	
104.00			0.82	
105.00			0.98	
106.00			1.02	
107.00			0.91	
108.00			1.37	
109.00			0.93	
110.00			0.21	
111.00			1.22	
112.00			0.71	
113.00			0.89	
114.00			0.49	
115.00			0.60	
116.00			0.56	
117.00			0.62	
118.00			9.20	
119.00			1.24	
120.00			0.95	
121.00			4.11	
122.00			63.70	
123.00			0.75	
124.00			0.76	
125.00			0.45	
126.00			0.86	
127.00			0.98	
128.00			2.01	
129.00			0.78	
130.00			0.71	
131.00			1.26	
132.00			56.90	
133.00			63.40	
134.00			68.20	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
135.00			28.00	
136.00			30.80	
137.00			1.13	
138.00			0.64	
139.00			0.82	
140.00			1.26	
141.00			10.10	
142.00			47.30	
143.00			0.91	
144.00			0.54	
145.00			0.86	
146.00			0.73	
147.00			0.84	
148.00			0.56	
149.00			0.67	
150.00			0.78	
151.00			0.71	
152.00			0.71	
EOH				

GEOTECHNICAL LOG

HOLE: BOLT-10-04

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Comments
0.00	4.87	4.87	0.15	3	0	0		SW	
4.87	6.40	1.53	0.49	32	0.23	15		SW	
6.40	7.92	1.52	0.93	61	0.20	13		SW	
7.92	9.44	1.52	0.85	56	0.00	0		SW	
9.44	10.97	1.53	1.20	78	0.20	13		FR	
10.97	12.49	1.52	1.30	86	0.23	15		FR	
12.49	14.02	1.53	1.35	88	1.18	77		FR	
14.02	15.54	1.52	1.50	99	0.85	56		FR	
15.54	17.06	1.52	1.30	86	1.20	79		FR	
17.06	18.59	1.53	1.36	89	0.78	51		FR	
18.59	20.12	1.53	1.35	88	0.75	49		FR	
20.12	21.64	1.52	1.50	99	1.15	76		FR	
21.64	23.16	1.52	1.50	99	1.21	80		FR	
23.16	24.68	1.52	1.27	84	1.23	81		FR	
24.68	26.21	1.53	1.37	90	0.97	63		FR	
26.21	27.73	1.52	1.12	74	0.71	47		SW	
27.73	29.26	1.53	0.80	52	0.55	36		MW	
29.26	30.78	1.52	1.20	79	0.85	56		SW	
30.78	32.31	1.53	1.43	93	1.15	75		FR	
32.31	33.83	1.52	1.50	99	1.10	72		FR	
33.83	35.55	1.72	1.32	77	0.71	41		FR	
35.55	36.89	1.34	1.40	104	1.40	104		FR	
36.89	38.40	1.51	1.25	83	0.91	60		FR	
38.40	39.92	1.52	1.52	100	0.00	0		FR	
39.92	41.45	1.53	1.33	87	0.00	0		FR	
41.45	42.97	1.52	1.05	69	0.10	7		SW	
42.97	44.50	1.53	1.25	82	0.12	8		SW	
44.50	46.50	2.00	1.32	66	0.00	0		SW	
46.50	47.55	1.05	1.30	124	0.28	27		SW	
47.55	49.07	1.52	1.52	100	0.00	0		SW	
49.07	50.59	1.52	1.52	100	0.14	9		SW	
50.59	52.12	1.53	0.93	61	0.27	18		FR	
52.12	53.64	1.52	0.79	52	0.00	0		FR	
53.64	55.16	1.52	0.55	36	0.00	0		FR	
55.16	56.69	1.53	1.26	82	0.60	39		FR	
56.69	58.21	1.52	1.53	101	1.17	77		FR	
58.21	59.74	1.53	1.30	85	0.53	35		FR	
59.74	61.26	1.52	0.87	57	0.10	7		FR	
61.26	62.78	1.52	1.20	79	0.39	26		FR	
62.78	64.31	1.53	1.50	98	0.60	39		FR	
64.31	65.83	1.52	1.60	105	1.60	105		FR	
65.83	67.36	1.53	1.53	100	0.13	8		FR	
67.36	68.88	1.52	2.10	138	1.90	125		FR	
68.88	70.40	1.52	1.57	103	1.57	103		FR	
70.40	71.93	1.53	1.53	100	1.47	96		FR	
71.93	73.45	1.52	1.47	97	1.47	97		FR	
73.45	74.98	1.53	1.53	100	0.63	41		FR	
74.98	76.50	1.52	1.56	103	1.56	103		FR	
76.50	78.02	1.52	1.41	93	1.41	93		FR	
78.02	79.55	1.53	1.62	106	1.62	106		FR	

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Comments
79.55	81.08	1.53	1.50	98	1.50	98		FR	
81.08	82.6	1.52	1.50	99	1.45	95		FR	
82.60	84.13	1.53	1.52	99	1.52	99		FR	
84.13	85.64	1.51	1.53	101	1.53	101		FR	
85.64	87.17	1.53	1.58	103	1.58	103		FR	
87.17	88.69	1.52	1.52	100	1.52	100		FR	
88.69	90.22	1.53	1.51	99	1.51	99		FR	
90.22	91.74	1.52	1.52	100	0.64	42		FR	
91.74	93.27	1.53	1.52	99	1.45	95		FR	
93.27	94.79	1.52	1.42	93	1.28	84		FR	
94.79	96.31	1.52	0.90	59	0.11	7		FR	
96.31	97.84	1.53	1.15	75	0.00	0		FR	
97.84	99.36	1.52	1.52	100	1.37	90		FR	
99.36	100.89	1.53	1.12	73	0.80	52		FR	
100.89	102.41	1.52	1.46	96	1.46	96		FR	
102.41	103.94	1.53	1.47	96	1.41	92		FR	
103.94	105.46	1.52	0.33	22	0.27	18		FR	
105.46	106.98	1.52	1.27	84	0.66	43		FR	
106.98	108.50	1.52	1.80	118	1.18	78		FR	
108.50	110.03	1.53	1.40	92	1.20	78		FR	
110.03	111.56	1.53	1.40	92	1.40	92		FR	
111.56	113.08	1.52	1.34	88	0.49	32		FR	
113.08	114.60	1.52	1.41	93	0.77	51		FR	
114.60	116.13	1.53	1.46	95	1.02	67		FR	
116.13	117.65	1.52	1.35	89	0.38	25		FR	
117.65	119.18	1.53	1.25	82	0.47	31		FR	
119.18	120.70	1.52	1.47	97	0.90	59		FR	
120.70	122.22	1.52	1.20	79	0.12	8		FR	
122.22	123.75	1.53	1.21	79	0.34	22		FR	
123.75	125.27	1.52	0.98	64	0.78	51		FR	
125.27	126.80	1.53	1.55	101	1.51	99		FR	
126.80	128.32	1.52	1.65	109	1.25	82		FR	
128.32	129.84	1.52	1.02	67	0.53	35		FR	
129.84	131.37	1.53	1.05	69	0.15	10		FR	
131.37	132.89	1.52	1.43	94	1.05	69		FR	
132.89	134.40	1.51	1.55	103	1.55	103		FR	
134.40	135.94	1.54	1.53	99	1.50	97		FR	
135.94	137.46	1.52	1.28	84	1.03	68		FR	
137.46	138.99	1.53	1.28	84	0.63	41		FR	
138.99	140.51	1.52	1.54	101	1.51	99		FR	
140.51	142.03	1.52	1.47	97	0.75	49		FR	
142.03	143.56	1.53	1.46	95	1.11	73		FR	
143.56	145.08	1.52	1.44	95	1.41	93		FR	
145.08	146.61	1.53	1.50	98	1.32	86		FR	
146.61	148.13	1.52	1.45	95	1.45	95		FR	
148.13	149.66	1.53	1.48	97	1.43	93		FR	
149.66	151.18	1.52	1.50	99	1.42	93		FR	
151.18	152.70	1.52	1.48	97	1.48	97		FR	
EOH									

BOX LOG

HOLE: BOLT-10-04

BOX	FROM (m)	TO (m)
1	0.00	10.55
2	10.55	14.60
3	14.60	18.59
4	18.59	22.77
5	22.77	26.75
6	26.75	31.25
7	31.25	35.23
8	35.23	38.88
9	38.88	44.20
10	44.20	48.25
11	48.25	53.64
12	53.64	57.82
13	57.82	62.34
14	62.34	65.96
15	65.96	70.33
16	70.33	74.34
17	74.34	78.42
18	78.42	82.54
19	82.54	86.65
20	86.65	90.86
21	90.86	95.10
22	95.10	99.65
23	99.65	103.94
24	103.94	109.30
25	109.30	113.51
26	113.51	117.45
27	117.45	121.20
28	121.20	125.69
29	125.69	129.20
30	129.20	133.80
31	133.80	137.70
32	137.70	141.65
33	141.65	145.73
34	145.73	149.82
35	149.82	152.70
EOH		

BOLT PROPERTY

Grid East	Grid North	Easting	Northing	Elev. (m)	Depth (m)
		446147	6819268	1485	128.32

ZONE:

SECTION:

HOLE: BOLT-10-05

CLAIM: Bolt 3 YC73900

Contractor: Top Rank Diamond Drilling Ltd

Drill: JKS-300

Core size: NTW

Casing depth: 3.88 (m) in / out

Drilling dates: July 30th to August 2nd, 2010

Geology logged by: Oliver Fu

[illegible]

TARGET:

[illegible]

SAMPLES	
Numbers: J981578 to J981604	
Total: 27	
Batch: <u>3</u> , 4	
Date Sent: _____	
Certificate: WH10150834, WH10156633	

COMMENTS	

GEOLOGY LOG

HOLE: BOLT-10-05

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION						MINERALS						Photo	DETAILED DESCRIPTION	
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/	Oxidation	Jasper	Epidote		Other		Pyrite			Other		Other			
																	Type	Intensity				Type	Intensity	Type			Intensity
0.00	3.88	3.88				OVB																				Overburden. 17 cm recovered. Broken fragments of intensely epidote and jasper altered green breccia.	
																										Dark green to black with white speckles, altered, coarse grained leucogabbro. Locally megacrystic. Fractures are weakly oxidized and manganese stained. Few chloritized zones. Note: This unit is very similar to the LGAB unit in hole Bolt-10-04 - except the plagioclase crystals show no sign of green chlorite overprinting.	
3.88	28.30	24.42				LGAB												CHL	m							Bright turquoise-green malachite staining occurs on a fractured surface.	
			14.02	14.50	0.48	LGAB																Mc	w			Intensely clay altered leucogabbro. Weakly oxidized and granular.	
			27.00	28.30	1.30								w					CLY	i							Bright turquoise-green malachite staining occurs interstitially and on a fractured surface.	
			27.74	27.80	0.06								w					CLY	i			Mc	m				
28.30	73.46	45.16				LGAB												SIL	s							Pale green and spotty white, coarse grained, equigranular, serpentized leucogabbro. Alteration intensity does not show a gradual change. Rather sharp contacts that show numerous changes in the rock, such as chloritization, serpentization, and changes in grain size. Most amphiboles and pyroxenes have been chloritized. Plagioclase crystals vary in size from medium grained to megacrystalline. Locally quartz-flooded. Few feldspars have a purplish-pink tinge on their crystal faces(?). Dendritic manganese stained zones are common and scattered throughout.	
			72.09	73.46	1.37								w					CLY	i							Intensely clay altered, soft clay altered zone	
73.46	128.32	54.86				ULT												CLY	w							Black with a greenish tinge, moderately soft ultramafic with a weak crackled texture. White, scintery asbestos occurs at the upper contact, and pieces range in size from 1-3 cm. Weakly serpentized on fractured surfaces. Locally clay altered. Half the unit is competent while the other half is rubbly and broken up.	
			78.50	128.32	49.82	ULT												CLY	w							Light purplish-blue tinge occurs on fractured surfaces. Serpentinization is mainly observed on fractured surfaces. Clay altered zones have a carbonaceous coating on most fractures. This coating strongly effervesces.	

GEOLOGY LOG

[illegible]

Sample Log

Hole: BOLT-10-05

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Comments
3.88	6.40	2.52	2.50	99	J981578	3	<0.005	0.2	148	5	31	
6.40	9.45	3.05	3.00	98	J981579	3	<0.005	<0.2	133	2	25	
9.45	12.50	3.05	3.05	100	J981580	3	<0.005	<0.2	227	4	33	
12.50	14.02	1.52	1.52	100	J981581	3	<0.005	<0.2	225	<2	39	
14.02	15.54	1.52	1.45	95	J981582	3	<0.005	<0.2	295	3	41	
-	-	-	-	-	J981583	3	<0.005	<0.2	4	2	14	Blank
15.54	17.07	1.53	1.52	99	J981584	3	<0.005	<0.2	170	2	39	
17.07	20.12	3.05	3.05	100	J981585	3	<0.005	<0.2	104	<2	31	
20.12	23.16	3.04	3.05	100	J981586	3	<0.005	<0.2	166	<2	40	
23.16	26.21	3.05	3.05	100	J981587	4	<0.005	<0.2	67	<2	28	
26.21	27.74	1.53	1.35	88	J981588	4	<0.005	<0.2	121	<2	34	
27.74	28.74	1.00	0.90	90	J981589	4	<0.005	0.3	1985	<2	45	Malachite on fracture in clay altered zone
-	-	-	-	-	J981590	4	<0.005	<0.2	16	<2	17	Blank
28.74	30.78	2.04	1.54	75	J981591	4	<0.005	<0.2	188	<2	27	
30.78	33.83	3.05	1.55	51	J981592	4	<0.005	0.2	675	<2	41	
33.83	36.88	3.05	2.30	75	J981593	4	<0.005	<0.2	209	<2	46	
36.88	39.93	3.05	3.05	100	J981594	4	<0.005	<0.2	268	<2	43	
39.93	42.98	3.05	3.05	100	J981595	4	<0.005	<0.2	82	<2	21	
-	-	-	-	-	J981596	4	2.090	14.7	5010	237	13100	Standard CDN-ME-2
42.98	46.02	3.04	3.04	100	J981597	4	<0.005	<0.2	133	<2	43	
46.02	49.07	3.05	3.05	100	J981598	4	<0.005	<0.2	116	<2	30	
49.07	52.12	3.05	3.05	100	J981599	4	<0.005	<0.2	68	<2	24	
68.88	72.09	3.21	3.21	100	J981600	4	<0.005	<0.2	179	<2	26	
72.09	73.46	1.37	1.37	100	J981601	4	<0.005	0.2	20	<2	31	
73.46	76.50	3.04	3.04	100	J981602	4	<0.005	0.4	15	<2	40	
76.50	79.55	3.05	3.05	100	J981603	4	<0.005	0.2	27	<2	25	
90.22	93.27	3.05	3.05	100	J981604	4	0.006	<0.2	15	<2	25	

GEOTECHNICAL LOG

HOLE: Bolt-10-05

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Comments
0.00	3.70	3.70	0.00	0	0	0			
3.70	4.88	1.18	1.18	100	0.14	12			
4.88	6.40	1.52	1.37	90	1.37	90			
6.40	7.92	1.52	1.48	97	1.03	68			
7.92	9.45	1.53	1.46	95	0.96	63			
9.45	10.97	1.52	1.50	99	0.82	54			
10.97	12.50	1.53	1.38	90	0.25	16			
12.50	14.02	1.52	1.37	90	0.47	31			
14.02	15.54	1.52	1.40	92	0.35	23			
15.54	17.07	1.53	1.39	91	0.53	35			
17.07	18.59	1.52	1.50	99	1.02	67			
18.59	20.12	1.53	1.50	98	1.12	73			
20.12	21.64	1.52	1.39	91	0.47	31			
21.64	23.16	1.52	1.43	94	0.75	49			
23.16	24.69	1.53	1.80	118	1.58	103			
24.69	26.21	1.52	1.28	84	1.18	78			
26.21	27.74	1.53	1.60	105	0.52	34			
27.74	29.26	1.52	2.32	153	0.40	26			
29.26	30.74	1.48	NO SAMPLE						
30.74	32.31	1.57	0.70	45	0.00	0			
32.31	33.83	1.52	1.20	79	0.11	7			
33.83	35.36	1.53	0.76	50	0.22	14			
35.36	36.88	1.52	1.50	99	0.74	49			
36.88	38.40	1.52	1.42	93	0.12	8			
38.40	39.93	1.53	1.41	92	0.46	30			
39.93	41.45	1.52	1.42	93	0.84	55			
41.45	42.98	1.53	1.53	100	1.35	88			
42.98	44.50	1.52	1.43	94	0.38	25			
44.50	46.02	1.52	1.52	100	0.49	32			
46.02	47.55	1.53	1.45	95	0.73	48			
47.55	49.07	1.52	1.47	97	0.83	55			
49.07	50.60	1.53	1.36	89	1.03	67			
50.60	52.12	1.52	1.46	96	1.10	72			
52.12	53.64	1.52	1.51	99	1.43	94			
53.64	55.17	1.53	1.44	94	0.79	52			
55.17	56.69	1.52	1.43	94	0.73	48			
56.69	58.22	1.53	1.42	93	0.52	34			
58.22	59.74	1.52	1.45	95	0.56	37			
59.74	61.26	1.52	1.19	78	0.52	34			
61.26	62.79	1.53	1.36	89	0.38	25			
62.79	64.31	1.52	1.32	87	0.75	49			
64.31	65.84	1.53	1.75	114	1.40	92			
65.84	67.36	1.52	1.38	91	0.68	45			
67.36	68.88	1.52	1.48	97	0.93	61			
68.88	70.41	1.53	1.38	90	0.98	64			
70.41	71.93	1.52	1.33	87	0.98	64			
71.93	73.46	1.53	1.50	98	0.27	18			
73.46	74.98	1.52	0.84	55	0.00	0			
74.98	76.50	1.52	1.20	79	0.33	22			
76.50	78.03	1.53	1.15	75	0.00	0			

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Comments
78.03	79.55	1.52	1.44	95	0.26	17			
79.55	81.08	1.53	1.50	98	0.50	33			
81.08	82.60	1.52	1.27	84	0.00	0			
82.60	84.12	1.52	0.70	46	0.00	0			
84.12	85.65	1.53	0.45	29	0.00	0			
85.65	87.17	1.52	0.15	10	0.00	0			
87.17	88.70	1.53	0.65	42	0.00	0			
88.70	90.22	1.52	0.80	53	0.11	7			
90.22	91.74	1.52	1.43	94	0.76	50			
91.74	93.27	1.53	1.27	83	1.10	72			
93.27	94.79	1.52	0.61	40	0.00	0			
94.79	96.32	1.53	0.47	31	0.00	0			
96.32	97.84	1.52	1.03	68	0.00	0			
97.84	99.36	1.52	0.60	39	0.00	0			
99.36	100.89	1.53	0.14	9	0.00	0			
100.89	102.41	1.52	0.57	38	0.00	0			
102.41	103.94	1.53	0.34	22	0.00	0			
103.94	105.46	1.52	0.47	31	0.00	0			
105.46	106.98	1.52	0.12	8	0.00	0			
106.98	108.50	1.52	0.76	50	0.00	0			
108.50	110.03	1.53	1.03	67	0.12	8			
110.03	111.25	1.22	1.30	107	0.39	32			
111.25	113.08	1.83	1.13	62	0.40	22			
113.08	114.60	1.52	0.60	39	0.00	0			
114.60	116.13	1.53	0.33	22	0.00	0			
116.13	117.65	1.52	0.35	23	0.00	0			
117.65	119.18	1.53	0.47	31	0.00	0			
119.18	120.70	1.52	0.26	17	0.00	0			
120.70	122.22	1.52	0.18	12	0.00	0			
122.22	123.75	1.53	0.28	18	0.00	0			
123.75	125.27	1.52	0.88	58	0.00	0			
125.27	126.80	1.53	0.50	33	0.00	0			
126.80	128.32	1.52	0.40	26	0.00	0			
EOH									

MAGNETIC SUSCEPTIBILITY LOG

HOLE: BOLT-10-05

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00			N/A	
2.00			N/A	
3.00			N/A	
4.00			0.86	
5.00			0.43	
6.00			0.43	
7.00			0.32	
8.00			0.32	
9.00			0.20	
10.00			0.42	
11.00			0.49	
12.00			0.38	
13.00			0.43	
14.00			0.51	
15.00			0.36	
16.00			0.32	
17.00			0.32	
18.00			0.42	
19.00			0.27	
20.00			0.36	
21.00			0.38	
22.00			0.45	
23.00			0.38	
24.00			0.64	
25.00			0.38	
26.00			0.73	
27.00			0.31	
28.00			0.45	
29.00			0.12	
30.00			N/A	
31.00			0.34	
32.00			0.36	
33.00			0.32	
34.00			0.34	
35.00			0.29	
36.00			0.34	
37.00			0.54	
38.00			0.53	
39.00			0.43	
40.00			0.32	
41.00			0.36	
42.00			0.21	
43.00			0.36	
44.00			0.75	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			0.32	
46.00			0.51	
47.00			0.27	
48.00			1.29	
49.00			1.33	
50.00			0.84	
51.00			0.96	
52.00			0.43	
53.00			0.54	
54.00			0.27	
55.00			0.16	
56.00			0.38	
57.00			0.29	
58.00			0.29	
59.00			0.28	
60.00			0.34	
61.00			0.38	
62.00			0.29	
63.00			0.25	
64.00			0.71	
65.00			0.23	
66.00			0.34	
67.00			0.56	
68.00			0.34	
69.00			0.32	
70.00			0.32	
71.00			0.34	
72.00			0.40	
73.00			0.31	
74.00			0.32	
75.00			0.54	
76.00			21.30	
77.00			1.35	
78.00			48.20	
79.00			39.00	
80.00			21.30	
81.00			35.10	
82.00			61.10	
83.00			43.40	
84.00			54.20	
85.00			42.50	
86.00			25.50	
87.00			87.60	
88.00			50.00	
89.00			44.80	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
90.00			133.00	
91.00			81.00	
92.00			77.00	
93.00			75.00	
94.00			46.70	
95.00			60.50	
96.00			132.00	
97.00			95.20	
98.00			103.00	
99.00			33.60	
100.00			59.50	
101.00			62.50	
102.00			44.00	
103.00			57.50	
104.00			42.70	
105.00			36.40	
106.00			50.90	
107.00			51.60	
108.00			57.10	
109.00			86.60	
110.00			75.40	
111.00			74.60	
112.00			62.20	
113.00			103.00	
114.00			65.70	
115.00			87.90	
116.00			96.50	
117.00			58.00	
118.00			62.50	
119.00			55.00	
120.00			101.00	
121.00			83.30	
122.00			66.20	
123.00			71.30	
124.00			71.40	
125.00			203.00	
126.00			200.00	
127.00			114.00	
128.00			112.00	
EOH				

BOX LOG

HOLE: Bolt-10-05

BOX	FROM (m)	TO (m)
1	3.70	7.78
2	7.78	11.65
3	11.65	15.70
4	15.70	19.87
5	19.87	24.00
6	24.00	27.74
7	27.74	33.00
8	33.00	37.40
9	37.40	41.45
10	41.45	45.35
11	45.35	49.12
12	49.12	53.25
13	53.25	57.05
14	57.05	61.00
15	61.00	65.00
16	65.00	68.80
17	68.80	72.80
18	72.80	77.00
19	77.00	80.98
20	80.98	88.15
21	88.15	92.70
22	92.70	99.36
23	99.36	108.35
24	108.35	112.45
25	112.45	118.90
26	118.90	126.00
27	126.00	128.32
EOH		

BOLT PROPERTY

Grid East	Grid North	Easting	Northing	Elev. (m)	Depth (m)
		445880	6819790	1470	93.27

ZONE: _____

SECTION:

HOLE: BOLT-10-06

CLAIM: Bolt 5 YC73902

Contractor: Top Rank Diamond Drilling Ltd

Drill: JKS-300

Core size: NTW & BTW

Casing depth: 4.88 (m) in / out

Drilling dates: August 2nd to August 4th, 2010

Geology logged by: Oliver Fu

[illegible]

TARGET:

[illegible]

SAMPLES
Numbers: J981605 to J981622
Total: 18
Batch: 4
Date Sent: _____
Certificate: WH10156633

COMMENTS	

GEOLOGY LOG

HOLE: BOLT-10-06

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION					MINERALS						Photo	DETAILED DESCRIPTION		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/	Oxidation	Jasper	Epidote		Other		Pyrite			Other				Other	
																	Type	Intensity				Type	Intensity				
0.00	4.88	4.88				OVB																				Overburden. 30 cm of jasper altered green breccia and ultramafic recovered.	
4.88	9.45	4.57				ULT																					Black, non-magnetic ultramafic with white, cross-cutting, carbonaceous stringers. Very poor recovery.
																											Transition to a bleached, and altered leucogabbro(?). Weakly foliated with cross-cutting white-beige carbonate veins between 1 to 11 mm wide. Very poor recovery.
			6.95	9.45	2.50																						
9.45	30.78	21.33				BXA							w						SER	m							Light purplish-grey, hard, heterolithic breccia. Not a clear-cut breccia. Clasts are light tan to dark green, slightly crackled, angular to subrounded, poorly sorted, and range in size between 0.2 to 3 cm. Brownish-yellow sericite alteration is common on fractured surfaces, and locally intense. Clay altered zones are soft and granular. Turquoise-blue alteration is common on clasts and interstitially. Bright reddish-orange rusty specs are scattered throughout and mainly on fractures surfaces (oxidized sulfides?). Weak remnant flow textures are still visible (16.8 m). Black infilled, soft tension gashes are scattered throughout, and range in size between 3 to 15 mm long. Black manganese staining occurs along fractured surfaces. Grape-like clusters of minerals (?) occur throughout - as seen at the top of hold Bolt-10-05.
																			CLY	w							
																			CHL	w							
			26.05	30.78	4.73																						Intensely chloritized and clay altered zone. The matrix has been altered to chlorite and calcite. Crystalline calcite is interstitial. Silicified clasts have undergone little alteration, although a greenish chloritic halo occurs along their borders. Soft black tension gashes are abundant and range in size between 1 to 10 cm. Note: Based on calcite veining, and a weak, clay altered foliation. Possibly drilling down dip.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION						MINERALS						Photo	DETAILED DESCRIPTION	
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/	Oxidation	Jasper	Epidote		Type	Intensity	Pyrite			Type	Intensity	Other			Other
30.78	50.60	19.82				BXA									s		CHL	m								Very competent zone showing 'epidote fluid migration textures'. This interval is the weakly altered and the brecciated equivalent of the top of the hole (9.45-26.05 m). Local zones are strongly epidote altered and have a light pink, potassic altered colour. Black manganese and yellowish-brown sericite alteration are common on fractured surfaces. White, coarse grained, crystalline calcite occurs randomly along fractures. Local chlorite pulses have chloritized most clasts. The entire zone is hard, and moderately silicified.	
																	SIL	m									
																	CAR	w									
																	SER	w									
50.60	65.84	15.24				BXA								s	s		SIL	m								Light to dark green, jasper altered breccia. Dark maroon to brown jasper, and green epidote alteration are pervasive and breaking apart the unit. Pyrite is fine grained and weakly disseminated throughout.	
																	K	t									
			55.37	58.37	3.00																					White crystalline veins cross-cut the unit, and range in size between 1 to 5 cm. White coarse grained crystalline calcite is scattered throughout.	
			58.37	65.84	7.47									s	s		SIL	m								Jasper and epidote alteration increase to strong, locally intense. Pervasive epidote occurs alongside jasper altered zones. Strongly epidote altered zones have a light pink, potassic overprint. Light brown, soft, clay-like mineral occurs along numerous fractured surfaces (?). White, cross-cutting carbonate veins range in size between 2 to 3 mm. Note: This type of alteration was common throughout holes Bolt-10-01 to 04.	
																	CAR	w									
																	K	t									

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION						MINERALS						Photo	DETAILED DESCRIPTION	
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/	Oxidation	Jasper	Epidote		Other		Pyrite			Other		Other			
																	Type	Intensity				Type	Intensity				
65.84	76.50	10.66				ULT												CAR	m								Dark green to black, moderately to strongly magnetic ultramafic. White, calcite veins are abundant and resemble a weak stockwork with veins ranging in size between 1 to 5 mm. White, fibrous asbestos crystals occur along few fractured surfaces. Locally, weakly serpentinized. Dark red-maroon, jasper alteration occurs throughout. Locally serpentinized. Chlorite alteration slightly intensifies with depth.
																		CHL	w								
			65.84	69.65	3.81													CLY	i								Rubby and intensely clay altered zone. Granular with numerous slickensides.
76.50	77.80	1.30				BXA												CLY	i								Soft, light green, contact between the green volcanic breccia and the ultramafic unit. Yellowish tan to brown sericite alteration is common on fractures surfaces.
77.80	99.00	21.20				BXA												CHL	m								Medium to dark green, moderately soft, heterolithic breccia. Clasts are poorly sorted, angular to subrounded and range in size between 0.2 to 3 cm. Mainly matrix sorted with few clast supported zones. Dark green to black tension gashes are common. Remnant foliation is still visible.
			87.80	93.65	5.85									m													Few reddish-maroon jasperitic alteration pulses overprint the unit.
			96.00	99.00	3.00																						Interfingering of the ultramafic and green volcanic breccia.
99.00	112.05	13.05				ULT												CLY	s								Dark green to black, magnetic ultramafic with numerous carbonate veinlets. Veinlets range in size between 1 to 10 mm and resemble a weak stockwork. Few zones have undergone intense clay alteration. Weakly serpentinized along fractures.
EOH																											

Sample Log

Hole: BOLT-10-06

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Comments
9.45	12.50	3.05	2.75	90	J981605	4	<0.005	<0.2	54	<2	53	
9.45	12.50	3.05	2.75	90	J981606	4	<0.005	<0.2	53	<2	50	Duplicate
12.50	15.54	3.04	2.62	86	J981607	4	<0.005	0.3	53	<2	56	
15.54	18.59	3.05	2.50	82	J981608	4	<0.005	<0.2	51	<2	47	
18.59	21.64	3.05	2.80	92	J981609	4	<0.005	<0.2	52	<2	46	
-	-	-	-	-	J981610	4	<0.005	<0.2	3	5	15	Blank
21.64	24.69	3.05	2.90	95	J981611	4	<0.005	<0.2	57	<2	40	
24.69	27.74	3.05	3.05	100	J981612	4	<0.005	<0.2	51	<2	50	
27.74	31.00	3.26	3.04	93	J981613	4	<0.005	<0.2	45	<2	52	
31.00	33.83	2.83	2.83	100	J981614	4	<0.005	<0.2	62	<2	65	
33.83	36.88	3.05	3.05	100	J981615	4	<0.005	<0.2	63	<2	55	
50.60	53.64	3.04	3.00	99	J981616	4	<0.005	<0.2	52	<2	57	
-	-	-	-	-	J981617	4	0.234	149.0	2550	48800	51400	Standard CDN-ME-7
53.64	55.17	1.53	3.00	196	J981618	4	<0.005	<0.2	54	<2	75	
55.17	56.69	1.52	1.52	100	J981619	4	<0.005	<0.2	27	14	59	
56.69	59.74	3.05	3.05	100	J981620	4	<0.005	<0.2	52	5	80	
59.74	62.79	3.05	3.00	98	J981621	4	<0.005	<0.2	59	5	105	
87.17	90.22	3.05	3.05	100	J981622	4	<0.005	<0.2	41	5	40	

GEOTECHNICAL LOG

HOLE: BOLT-10-06

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Comments
4.88	6.40	1.52	0.40	26	0	0		MW	
6.40	7.92	1.52	1.00	66	0.17	11		SW	
7.92	9.45	1.53	0.28	18	0.23	15		SW	
9.45	10.97	1.52	1.52	100	0.50	33		FR	
10.97	12.50	1.53	1.53	100	0.77	50		FR	
12.50	14.02	1.52	1.46	96	0.75	49		FR	
14.02	15.54	1.52	1.22	80	0.12	8		SW	
15.54	17.07	1.53	1.21	79	0.16	10		SW	
17.07	18.59	1.52	1.37	90	0.33	22		SW	
18.59	20.12	1.53	1.15	75	0.29	19		SW	
20.12	21.64	1.52	1.34	88	0.00	0		MW	
21.64	23.16	1.52	1.46	96	0.49	32		SW	
23.16	24.69	1.53	1.22	80	0.26	17		SW	
24.69	26.21	1.52	1.20	79	0.31	20		SW	
26.21	27.74	1.53	1.40	92	0.88	58		FR	
27.74	29.26	1.52	1.42	93	0.44	29		MW	
29.26	30.78	1.52	1.45	95	1.09	72		SW	
30.78	32.31	1.53	1.38	90	1.12	73		FR	
32.31	33.83	1.52	1.45	95	1.34	88		FR	
33.83	35.36	1.53	1.51	99	1.51	99		FR	
35.36	36.88	1.52	1.46	96	1.12	74		FR	
36.88	38.40	1.52	1.44	95	1.20	79		FR	
38.40	39.93	1.53	1.30	85	0.88	58		FR	
39.93	41.45	1.52	1.33	87	0.63	41		FR	
41.45	42.98	1.53	1.42	93	0.95	62		FR	
42.98	44.50	1.52	1.47	97	1.27	84		FR	
44.50	46.02	1.52	1.37	90	1.04	68		FR	
46.02	47.55	1.53	1.49	97	1.42	93		FR	
47.55	49.07	1.52	1.17	77	0.14	9		SW	
49.07	50.60	1.53	1.37	90	0.52	34		FR	
50.60	52.12	1.52	1.45	95	0.34	22		SW	
52.12	53.64	1.52	1.28	84	0.38	25		SW	
53.64	55.17	1.53	1.41	92	0.27	18		SW	
55.17	56.69	1.52	1.52	100	1.41	93		SW	
56.69	58.22	1.53	1.45	95	0.65	42		SW	
58.22	59.74	1.52	1.37	90	0.72	47		SW	
59.74	61.26	1.52	1.45	95	0.72	47		SW	
61.26	62.79	1.17	1.40	120	0.00	0		SW	
62.79	64.31	1.52	1.37	90	0.00	0		SW	
64.31	65.84	1.53	1.10	72	0.00	0		SW	
65.84	67.36	1.52	0.45	30	0.00	0		HW	
67.36	68.88	1.52	0.72	47	0.00	0		HW	
68.88	70.40	1.52	1.52	100	0.40	26		MW	
70.40	71.93	1.53	1.43	93	0.20	13		SW	
71.93	73.46	1.53	1.36	89	0.42	27		SW	
73.46	74.98	1.52	1.39	91	0.58	38		SW	
74.98	76.50	1.52	1.47	97	1.21	80		SW	
76.50	78.03	1.53	1.41	92	0.51	33		SW	
78.03	79.55	1.52	1.49	98	0.79	52		FR	
79.55	81.08	1.53	1.53	100	1.24	81		FR	

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Comments
81.08	84.12	3.04	2.65	87	1.17	38		FR	Switch to BTW rods (10')
84.12	87.17	3.05	3.55	116	3.07	101		FR	
87.17	90.22	3.05	2.94	96	2.52	83		FR	
90.22	93.27	3.05	2.97	97	1.46	48		FR	
93.27	96.32	3.05	3.14	103	2.83	93		FR	
96.32	99.36	3.04	2.63	87	1.63	54		FR	
99.36	102.41	3.05	1.20	39	0.00	0		MW	
102.41	105.46	3.05	2.00	66	0.43	14		MW	
105.46	108.51	3.05	2.46	81	1.14	37		SW	
108.51	111.56	3.05	2.57	84	0.74	24		MW	112.50 end of rock (2m of cave after)
EOH									

MAGNETIC SUSCEPTIBILITY LOG

HOLE: BOLT-10-06

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00			N/A	
2.00			N/A	
3.00			N/A	
4.00			N/A	
5.00			0.42	
6.00			0.58	
7.00			0.54	
8.00			0.42	
9.00			0.43	
10.00			0.60	
11.00			0.65	
12.00			0.60	
13.00			0.71	
14.00			0.75	
15.00			0.47	
16.00			0.47	
17.00			0.69	
18.00			0.64	
19.00			0.56	
20.00			0.47	
21.00			0.47	
22.00			0.58	
23.00			0.40	
24.00			0.42	
25.00			0.45	
26.00			0.53	
27.00			0.58	
28.00			0.34	
29.00			0.58	
30.00			0.38	
31.00			0.80	
32.00			0.69	
33.00			1.20	
34.00			0.96	
35.00			0.67	
36.00			0.84	
37.00			0.67	
38.00			0.71	
39.00			0.73	
40.00			0.73	
41.00			0.58	
42.00			1.33	
43.00			0.84	
44.00			0.78	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			0.58	
46.00			0.64	
47.00			0.75	
48.00			0.53	
49.00			0.60	
50.00			0.49	
51.00			0.51	
52.00			0.67	
53.00			0.60	
54.00			0.73	
55.00			0.87	
56.00			0.43	
57.00			0.47	
58.00			0.65	
59.00			0.51	
60.00			0.58	
61.00			0.73	
62.00			1.00	
63.00			0.80	
64.00			2.03	
65.00			1.33	
66.00			54.40	
67.00			7.41	
68.00			15.60	
69.00			12.20	
70.00			43.10	
71.00			45.60	
72.00			0.45	
73.00			30.90	
74.00			72.80	
75.00			3.64	
76.00			19.80	
77.00			0.32	
78.00			0.62	
79.00			1.33	
80.00			1.06	
81.00			1.02	
82.00			2.19	
83.00			0.36	
84.00			0.95	
85.00			1.40	
86.00			5.96	
87.00			0.98	
88.00			19.60	
89.00			1.66	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
90.00			7.00	
91.00			37.60	
92.00			4.44	
93.00			22.80	
94.00			72.60	
95.00			3.33	
96.00			0.53	
97.00			0.34	
98.00			0.49	
99.00			8.49	
100.00			15.60	
101.00			6.24	
102.00			43.90	
103.00			36.20	
104.00			2.41	
105.00			0.75	
106.00			21.70	
107.00			29.70	
108.00			65.60	
109.00			18.80	
110.00			44.10	
111.00			48.80	
112.00			46.10	
EOH				

BOX LOG

HOLE: BOLT-10-06

BOX	FROM (m)	TO (m)
1	4.50	10.45
2	10.45	14.55
3	14.55	18.52
4	18.52	22.60
5	22.60	26.75
6	26.75	30.78
7	30.78	35.00
8	35.00	38.82
9	38.82	42.98
10	42.98	47.06
11	47.06	51.25
12	51.25	55.09
13	55.09	58.75
14	58.75	62.65
15	62.65	68.48
16	68.48	72.00
17	72.00	76.20
18	76.20	80.35
19	80.35	81.55
20	81.55	87.00
21	87.00	92.60
22	92.60	97.85
23	97.85	106.15
24	106.15	112.05
EOH		

Q26738

Redtail Metals- Bolt property- Bolt and BLT claims
Statement of Expenditures- 2011

December 08 2011

	Bolt total
Contract geochemical survey	\$71,725.75
Helicopter	\$11,133.41
Acme Labs Soil + rx Assays	<u>\$20,788.77</u>
total	\$103,647.93



total number of samples: 1017

Signed:

Danièle Héon B.Sc, P.Geo.

Senior Geologist
Redtail Metals Corp.

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