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ASSESSMENT REPORT

describing

DIAMOND DRILLING

at the

OFF PROPERTY

Off 1-18	YC73880-YC73897
Off 19-28	YC98379-YC98388
Off 29-35	YC89979-YC89985

NTS 105G/08

Latitude 61°27'N; Longitude 130°21'W

located in the

Watson Lake Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

STRATEGIC METALS LTD.

by

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INTRODUCTION

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

The 2010 exploration program consisted of 244.14 m of diamond drilling in one hole. The work was conducted on June 24 and July 11 to 19 by Archer, Cathro & Associates (1981) Limited on behalf of Strategic Metals. The authors participated in and supervised the program. Appendix I contains the authors' Statements of Qualifications.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Off property consists of 35 contiguous quartz claims, which are located in southeastern Yukon at latitude 61°27' north and longitude 130°21' west on NTS map sheet 105G/08 (Figure 1). The property covers an area of approximately 670 ha (6.7 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 Metals. 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>
Off 1-18	YC73880-YC73897	March 23, 2018
Off 19-28	YC98379-YC98388	March 23, 2018
Off 29-35	YC89979-YC89985	March 23, 2015

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

Daily access to and from the property was provided by a Hughes 500D helicopter operated by Kluane Airways from the Inconnu Fishing Lodge on McEvoy Lake, which is located 41 km to the northeast of the property. All personnel stayed at Inconnu Lodge.

The Off property lies about 125 km southeast of the community of Ross River, the nearest supply centre. The closest road access is from the Robert Campbell Highway, which at its nearest point is 15 km to the north of the property. The Robert Campbell Highway is usable in all seasons by two wheel drive vehicles.

HISTORY

In 1995, Cominco Ltd. staked area of the current Off property, as part of its much larger On claim block. The On claims were staked to cover the projected extension of the stratigraphic package that hosts the Kudz Ze Kayah and GP4F VMS deposits.

In early 1996, Cominco completed a helicopter-borne electromagnetic and magnetic geophysical survey over the On property. Soon thereafter, Cominco entered into a joint venture agreement with Westin Resources Ltd. and Atna Resources Ltd. That summer, Westin performed soil sampling and geological mapping on behalf of the joint venture (Terry *et al.*, 1996).

In 1997, the joint venture followed up its previously defined soil anomalies with detailed soil sampling, ground geophysical surveys and 308 m of diamond drilling in one hole (Terry and Hall, 1998). The drill hole failed to intersect significant mineralization and the claims were allowed to lapse.

In 2000, the southern part of the ground now covered by the Off property was restaked as the Bug claims by Expatriate Resources Ltd. Minor soil sampling and prospecting were carried out in 2001 (Tucker, 2002), but the claims were allowed to expire after poor results were obtained.

In 2008, Strategic Metals staked the Off 1 to 18 claims and, in 2009, it expanded the property by staking the Off 19 to 35 claims. During summer 2009, Strategic Metals conducted geological mapping, prospecting and grid soil sampling to confirm the tenor and extent of historical results (Gregory, 2009). Hand trenching was also performed at two soil sample sites that had produced elevated lead and zinc values.

GEOMORPHOLOGY

The Off property lies on the northwest side of the Pelly Mountains about 2 km west of Wolverine Lake. Creeks draining the property flow into Wolverine Lake, which ultimately connects to the Arctic Ocean via the Finlayson, Frances, Liard and Mackenzie Rivers.

Local elevations on the property range from about 1200 to 1450 m above sea level (asl). Topographic relief is gentle to moderate. Little to no outcrop is present on the property, except in deeply incised creek cuts. Most of the property is blanketed by Pleistocene colluvium deposits and glacial till.

The entire property lies below treeline, which is at approximately 1500 m asl in the district. Vegetation consists of isolated stands of black spruce, alder and willow, with an understory of low shrubs and moss.

Much of the overburden in the region is associated with the most recent Cordilleran ice sheet, the McConnell glaciation, which is believed to have covered south and central Yukon between 26,500 and 10,000 years ago (Yukon Geological Survey, 2010). Finlayson Lake map area was affected by three lobes of that ice sheet. The Cassiar lobe, which flowed in a northwesterly direction, covered the area southwest of the Pelly Mountains. The Liard lobe, which flowed east to southeast, covered the area southeast of the Pelly Mountains. The area north of the Pelly Mountains was covered by the east-northeast flowing Selwyn lobe. A complex system of ice-caps and cirque glaciers was active at high elevations in the Pelly Mountains and contributed to the ice bodies surrounding them.

The climate at the Off property 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.

REGIONAL GEOLOGY

The Off property lies within the Finlayson Lake VMS District. This district has recently been the focus of numerous government and industry sponsored studies due to its VMS potential. The Geological Survey of Canada mapped the Finlayson Lake area (NTS map sheet 105G) twice at a 1:250,000 scale (Wheeler *et al.*, 1960 and Tempelman-Kluit, 1977). In the late 1990s and early 2000s, the Yukon Geological Survey performed more detailed (1:50,000 scale) mapping in the area and in 2002, it completed a geological compilation and updated the lithological names (Bond *et al.*, 2002). In 2003, Gordey and Makepeace incorporated this data into a Yukon-wide geological compilation. The following geological descriptions are based on the published data.

The Finlayson Lake District comprises an isolated outlier of Yukon-Tanana and Slide Mountain Terranes and affiliated overlap assemblages. The district is bounded by the Tintina Fault to the southwest and the Inconnu Thrust Fault to the northeast. Five major VMS deposits have been discovered in the district (Figure 3). The Fyre Lake, Kudz Ze Kayah, GP4F and Wolverine Deposits, all occur within Yukon-Tanana Terrane, while the Ice Deposit is hosted in Slide Mountain Terrane.

Yukon-Tanana and Slide Mountain Terranes represent continental arc and back-arc basin sequences that developed along the ancient Pacific margin of North America during late Devonian and through Permian (Piercey *et al.*, 2006). Pericratonic rocks of Yukon-Tanana Terrane and oceanic rocks of Slide Mountain Terrane are juxtaposed against rocks of the North American continental margin sequence along the post-Late Triassic Inconnu Thrust Fault (Murphy *et al.*, 2006). Rocks of 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 Yukon-Tanana and Slide Mountain Terranes are largely summarized from Murphy *et al.* (2006).

Rocks of Yukon-Tanana Terrane in the Finlayson Lake District lie between the Tintina Fault and the Jules Creek Fault. 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) North River Formation, Grass Lakes and Wolverine Lake Groups, and affiliated metaplutonic rocks in the Big Campbell Thrust Sheet; (2) North River, Waters Creek and Tuchitua River Formations and affiliated intrusions in the Money Creek Thrust Sheet; and (3) 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. 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 are unconformably overlain by Lower Permian rocks of Campbell Range Formation of Slide Mountain Terrane.

North River Formation quartzose metaclastic rocks and metapelites are the oldest exposed rock units in the Big Campbell Thrust Sheet. North River Formation is overlain by chloritic schist and lesser carbonaceous phyllite of Fire Lake Formation of Grass Lakes Group. This formation hosts the Besshi-style Fyre Lake VMS Deposit (Hunt, 2002). This Late Devonian deposit 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 Fire Lake and North River Formations, respectively. Stratigraphically overlying Fire Lake Formation is a carbonaceous phyllite-dominated succession which has been divided into two parts. The lower part, Kudz Ze Kayah Formation, contains felsic metavolcanic rocks that host the Kuroko-style Kudz Ze Kayah and GP4F VMS Deposits, while the upper part, Wind Lake Formation, contains mafic metavolcanic rocks and quartzite (Murphy, 1998). Grass Lakes Group is intruded by Late Devonian to Early Mississippian Grass Lakes Plutonic Suite and Early Mississippian Simpson Range Plutonic Suite.

Wolverine Lake Group unconformably overlies Grass Lakes Group and hosts 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, Yukon-Tanana Terrane experienced regional shortening and uplift. The deformation and erosion of the Mississippian and Pennsylvanian rocks were followed by unconformable deposition of Money Creek Formation. Money Creek Formation comprises carbonaceous phyllite and sandstone, varicoloured chert, chert-pebble conglomerate, and diamictite. This formation was emplaced atop units of Wolverine Lake Group in the Big Campbell Thrust Sheet and Tuchtua 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. Money Creek Formation is preserved in the Big Campbell and Money Creek Klippen.

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

Middle Permian and younger sequences in the Finlayson Lake District are derived from, or deposited on both Yukon-Tanana and Slide Mountain Terranes. 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 comprises 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

Westin Resources carried out property-scale geological mapping in 1996 (Terry *et al.*, 1996) and Strategic Metals performed limited mapping in 2009 (Gregory, 2009). No additional mapping was done in 2010. Geological mapping at the Off property is hindered by a lack of bedrock exposures. Thus, geology has been inferred from the examination of talus and rock chips collected from soil sample pits (Figure 4). The following geological descriptions are largely taken from the published reports.

The Off property is mostly underlain by easterly striking and moderately (30° to 45°) north dipping units of the Kudz Ze Kayah Formation. Compositional layering approximately parallels foliation. The basal unit is composed of quartz-biotite schist with a large lens of chlorite-biotite schist. It is found in the southern part of the property. The quartz-biotite schist is overlain to the north by a sequence of interbedded quartz-sericite-biotite schist and argillite. This sequence includes seven main subunits, of which four are relatively pure schist or argillite and two are transitional layers that contain beds of both rock types. The seventh sub-unit is a narrow quartzite layer. The interbedded schist/argillite sequence is capped by rhyolite to the north of the property.

A granitic stock, likely belonging to a suite of undifferentiated Late Cretaceous plutons found in the area, has intruded the quartz-biotite schist in the southwestern part of the property. Between the stock and the quartz-biotite schist, there is a band of fine grained biotite-quartz schist/phyllite. This band is discordant to compositional layering in other metasedimentary and metavolcanic units. It is interpreted to be a zone of contact metamorphism developed when the pluton was emplaced.

Metamorphosed Sediments and Volcanics

Quartz-biotite schist is tan weathering and light grey on fresh surfaces. It is medium grained and moderately to well foliated with occasional crenulations and elongated quartz lenses. Biotite content ranges from 10 to 20%. This unit contains rare layers of angular, 2 by 4 mm feldspar porphyroblasts.

Biotite-quartz schist/phyllite is fine grained and dark grey. It exhibits moderate foliation, highlighted by 1 to 2 mm diameter biotite crystals that are occasionally altered to chlorite.

Chlorite-biotite schist is dark green with a fine to medium grained texture. It is well foliated and sometimes contains thin quartz lenses. Minor epidote and actinolite have been observed in some specimens.

Argillite is dark grey and fine grained. It is moderately foliated and occasionally fissile. Where fissile, it contains up to 10% graphite.

Quartzite is white to light grey and massive with minor limonite stain on fractures.

Rhyolite is light grey, fine grained and poorly laminated with minor weakly aligned flakes of biotite.

Intrusive Unit

Granite is light grey, equigranular and coarse grained. It contains approximately 45% plagioclase, 30% quartz, 10% orthoclase, 10% biotite and 5% muscovite.

Structure

Foliation is moderately to well developed in all regionally metamorphosed units except the quartzite and rhyolite. The foliated units generally strike easterly with a moderate northerly dip (30° to 45°).

DEPOSIT MODEL

Based on the lithologies mapped in the area, the Off property has potential to host a Kuroko-style VMS deposit, similar to the Kudz Ze Kayah Deposit located 13 km to the west. The Kudz Ze Kayah Deposit comprises an inferred resource of 12,800,000 tonnes grading 5.9% zinc, 1.7% lead, 0.81% copper, and 1.38 g/t gold (Teck Cominco Ltd., 2009). The following description of the Kudz Ze Kayah Deposit provides a model for exploring and assessing the Off property.

The Kudz Ze Kayah Deposit lies within Yukon-Tanana Terrane near the center of the Finlayson Lake VMS District. The main zone (previously known as the ABM Deposit) is hosted within an overturned assemblage of felsic fragmental, aphanitic massive meta-rhyolite and meta-siliclastic rocks of Kudz Ze Kayah Formation (Bond, 2002).

The host metavolcanic sequence has been structurally thickened to about 1000 m and is subdivided up into the following units: felsic tuffs, felsic flows, feldspar and quartz meta-intrusive rocks, feldspar augen crystal tuff, and undifferentiated mafic metavolcanic rocks.

Felsic tuffs are the most abundant unit. They are commonly thin bedded near the top of the structural sequence and at stratigraphic levels where argillaceous, sediments occur as intercalations. Thin mafic tuffs are locally present in this unit as strongly foliated porphyroblastic chlorite-biotite-calcite and as coarse grained mafic schist with gabbroic texture (Schultze and Hall, 1997).

The deposit subcrops beneath 2 to 20 m of glacial overburden and extends for 700 m along an east-west strike and up to 400 m down dip (Schultze and Hall, 1997). The deposit is tabular and forms a single layer over much of its extent; however, two layers of sulphides have been encountered in some areas within the southwest part of the deposit (Schultze and Hall, 1997). Economic minerals are sphalerite, chalcopyrite, and galena with electrum occurring at the margins of galena and chalcopyrite grains (Hunt, 2002). Gangue minerals include a mixture of magnetite, barite, pyrrhotite, pyrite and carbonate. Alteration in the immediate hanging wall and footwall of the deposit is typically porphyroblastic, chlorite/biotite-ankerite-muscovite ± albite,

while the distal alteration assemblage is characterized by carbonate-sericite-silica \pm pyrite (Hunt, 2002).

The hanging wall of the host metavolcanic complex is a metasedimentary package that lies about 200 m above the deposit. Its composition varies between carbonaceous and calcareous mudstones, with minor quartzites, siltstones, limestones and intercalations of mafic and felsic volcanics. This sequence is thick and regionally extensive. A second metasedimentary package underlies the metavolcanic complex. It is coarser grained than the hanging wall package and is largely composed of siltstones, phyllitic schists, light grey quartzites and more massive tuffaceous wackes interfingering with feldspar porphyry bodies. Locally, non-carbonaceous to carbonaceous mudstones, thin felsic tuffs, mafic sills and dykes (flows?) and banded cherty horizons are found in the footwall metasedimentary sequence. The thickness and extent of these units are unknown (Schultze and Hall, 1997).

The Kudz Ze Kayah Deposit and its host rocks display a sub-horizontal to moderately north-dipping penetrative schistosity and exhibit isoclinal, recumbent folding with bedding generally parallel to schistosity (Schultze, 1996). The zonation of base and precious metals and barium within the deposit, the proximal location of chloritic alteration above portions of the deposit, and the litho-geochemical signatures of the deposit and the overlying units led Schultze (1996) to suggest that the deposit is, at least in part, overturned.

Based on the geological and geochemical characteristics of Kudz Ze Kayah Formation, Piercey *et al.* (2001) proposed that it was deposited within a back-arc basin environment. Mortensen (1992) suggested that Devonian-Mississippian Yukon-Tanana Terrane arc magmas formed above a west-facing subduction zone proximal to North America and that the felsic rocks in Kudz Ze Kayah Formation represent rifting and subsequent ensialic back-arc basin generation within this arc. The arc rifting and the syn-volcanic faults associated with it are likely the regional-scale controls on the localization and formation of the Kudz Ze Kayah Deposit (Murphy and Piercey, 2000).

GEOCHEMISTRY

Soil Sampling

The area of the current Off property was grid soil sampled in 1996 and 1997 by Westmin Resources (Terry *et al.*, 1996 and 1998), in 2001 by Expatriate (Tucker, 2002) and in 2009 by Strategic Metals (Gregory, 2009). Results for copper, lead and zinc for all historical surveys are shown thematically on Figures 5, 6 and 7.

Soil sampling defined a copper-zinc anomaly in the north part of the current claim block and a lead-zinc anomaly in the center of the property. The copper-zinc anomaly trends southeasterly and covers a 650 by 500 m area, with values ranging from 100 to 603 ppm. The lead-zinc anomaly trends northwesterly and covers a 100 by 500 m area, with lead and zinc values ranging from 100 to 634 ppm and 200 to 1965 ppm, respectively.

A reconnaissance soil sample line completed 650 m south of the main lead-zinc anomaly by Expatriate yielded two elevated zinc values (650 and 740 ppm).

Rock Sampling

Only minor rock sampling has been carried out on the Off property due to the lack of exposure. No samples have returned anomalous values for VMS pathfinder elements.

HAND TRENCHING

In 2009, Strategic Metals dug two hand trenches across part of the lead-zinc soil anomaly (Figures 8 and 9). OFF09-TR01 was 4.2 m long and 0.8 m deep (Gregory, 2009). It exposed quartz-chlorite schist, samples of which returned only low geochemical values. OFF09-TR02 was 9.0 m long and 0.5 to 1.0 m deep. On the west wall of this trench, a weakly to strongly limonite-altered horizon was encountered within the schist. A 40 cm chip sample across this horizon returned 200 ppm lead and 149 ppm zinc. Samples from the rest of the trench returned subdued values for VMS pathfinder elements.

DIAMOND DRILLING

Historical Diamond Drilling

In 1997, Cominco completed a 308 m long, diamond drill hole (WC-97-01), which was oriented at 180° with a -60° dip toward the copper-zinc anomaly in the northern part of the claim block (Figures 5 to 7). This hole encountered several 1 to 4 cm thick massive pyrite bands within an argillite subunit; however, it failed to identify any copper mineralization that could explain the soil geochemical anomaly.

2010 Diamond Drilling

A single hole diamond drill program was conducted at the Off property in 2010. The hole (OFF-10-01) was designed to further test the copper-zinc soil anomaly in the north part of the property, and to assess VMS potential. The 2010 hole is located uphill to the south of the 1997 hole.

OFF-10-01 was collared on July 13 and drilling was completed on July 17. The work was contracted to Top Rank Diamond Drilling Ltd. of Ste Rose du Lac, Manitoba, and was done with a heli-portable, 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 a site dug by hand. A total of 244.14 m of diamond drilling was completed.

The collar of OFF-10-01 is located uphill to the south of WC-97-01. The plan view locations for both holes are plotted with various geological and geochemical data on Figures 4 to 7, while a cross-section for OFF-10-01 is illustrated on Figure 10. 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)
OFF-10-01	427596	6816678	1319	210	-50°	244.14

The hole intersected eight lithological units, four of which are locally interbedded. The units are described in the following paragraphs, in order of appearance down the hole.

The first unit is a foliated, fissile, pitted, light grey phyllite that was intersected between 3.96 to 32.10 m. Foliation is weakly to moderately developed and is sub-perpendicular to core axis. Pitting is abundant throughout the entire unit. The pits vary in size between 1 to 4 mm and are rust-stained. Fine to medium grained, anhedral to subhedral, elongate quartz crystals are cryptic and deformed. White quartz veins intermittently cut the phyllite. They typically are 1 to 3 mm in width but locally are 5 to 10 cm wide.

Intensely folded and deformed, interbedded tuffaceous rhyolite and argillite underlie the phyllite and were intersected to a depth of 48.05 m. Rhyolite beds are dirty white to light grey, while the argillite is black and soft. Folding and foliation appear syngenetic. The intensity of pitting is variable throughout this interval, ranging from moderate to strong. The pits are either empty or limonite- or sericite-filled. Pyrite occurs as very fine grained disseminations and as approximately 1 mm wide laminations.

Dark to light grey, folded argillite with hard, angular, lithic clasts is present between 48.05 and 134.39 m. Clasts are grey, range in size from 1 to 3.5 cm and are mainly found within the light grey argillite layers. Asymmetric folds are common throughout the interval. Pyrite is fine to medium grained, and occurs as elongate blebs from 3 to 10 mm long or as 1 mm laminations. Sericite is present as wisps and within pits or fractures. One to five millimetre-long, euhedral, black, needle-like actinolite crystals are present on fractured surfaces. Rust-stained, cloudy white quartzite is interbedded with this argillite unit. These quartzite interbeds range from 0.20 to 3.01 m thick. Black, manganese staining is common on fractured surfaces. A few of these interbeds have been intensely oxidized, resulting in a granular, clay-like mush.

Greyish-green, moderately hard, tuffaceous fragmental rhyolite was cut from 134.39 to 161.98 m. It contains: 1 to 2 mm wide argillitic lenses; rare, 1 to 3 mm wide carbonate-healed fractures; and local, black quartz-flooding. Speckled, light pink, sericite-altered crystals occur throughout this unit, while black, needle-like actinolite crystals are common on fracture surfaces. Minor, disseminated pyrite was also observed.

A foliated and pitted, dark grey, siliceous meta-volcaniclastic unit was intersected from 161.98 to 240.5 m. Foliation is sub-perpendicular to core axis. Orange-yellow sericite alteration was observed within pits. Fine grained pyrite occurs as subrounded blebs, patches on fractures, and as 1-3 mm wide laminations. White, medium grained quartz veins with light brown biotite alteration were noted within approximately one metre wide zones.

Dark grey to black, shaley phyllite is interbedded with the meta-volcaniclastic unit between 168.87 and 240.50 m. Moderately to strongly folded, remnant bedding is visible within the phyllite. Rare, one to fifteen millimetre wide, cloudy white to light brown carbonate veins cut the phyllite. Moderate sericite alteration was observed along fractures and locally within pits.

The last unit, from 240.50 to 244.14 m, comprises light grey, fine to medium grained, interbedded rhyolite and altered quartzite. Quartzite layers contain sericite-filled seams with patchy chloritic halos, and thin, black laminations that are sub-perpendicular to core axis. Thin, black, aligned biotite crystals are present within the rhyolite.

Mineralization in OFF-10-01 consists of fine to medium grained, subhedral to euhedral pyrite crystals. It is present as disseminations, sub-rounded blebs and laminations or along fractured surfaces. The hole was sampled from top to bottom, but all samples returned subdued values for gold, silver, copper, lead and zinc.

DISCUSSION AND CONCLUSIONS

The 2010 diamond drilling program failed to explain the copper-zinc soil anomaly in the northern part of the Off property and did not intersect any VMS mineralization. However, it did confirm that the underlying lithological units are part of Grass Lakes Group, which hosts the nearby Wolverine, Kudz Ze Kayah and GP4F VMS deposits.

A detailed study of the local glacial movements should be undertaken prior to future field work on the property. Glacial transport could have caused a down-ice shift in the location and distribution of the observed soil anomaly. Once local glacial movements have been more precisely determined, further drilling should be completed up-ice from the 2010 hole.

Respectfully submitted,

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APPENDIX I
STATEMENTS 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

STATEMENT OF QUALIFICATIONS

I, Sarah Eaton, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in North Vancouver, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 2007 with a B.Sc. in Honours Geological Sciences.
2. From 2002 to present, I have been actively engaged in mineral exploration in Yukon Territory, British Columbia and Northwest Territories.
3. I am a Geoscientist in Training (GIT) with the Association of Professional Engineers and Geoscientists of British Columbia (Member Number 154922).
4. I have personally participated in the field work reported herein and have interpreted all data resulting from this work.

Sarah Eaton, B.Sc. (Hon.) Geology, GIT

APPENDIX II
SAMPLE HANDLING AND ANALYTICAL PROCEDURES

2010 Diamond Drilling

The collar location was marked with a 1 m long 4”x 4” timber. A metal tag listing the hole number, azimuth, dip and total depth was secured to the 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 Finlayson Lake. 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. The hole was 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. The 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 analysed for gold by fire assay finished with atomic absorption spectroscopy (Au-AA24).

APPENDIX III
CERTIFICATES OF ANALYSIS



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CERTIFICATE WH10153023

Project: OFF
 P.O. No.: BATCH 1
 This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19- 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 WH10153023

Sample Description	Method Analyte Units LOR	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E146923		8.22	<0.005	0.4	0.37	3	<10	220	<0.5	<2	0.03	<0.5	1	10	14	0.85
E146924		7.68	<0.005	0.4	0.42	4	<10	250	<0.5	<2	0.03	<0.5	1	10	16	0.94
E146925		7.18	<0.005	0.3	0.34	7	<10	190	<0.5	<2	0.05	<0.5	2	9	17	1.45
E146926		0.23	0.271	>100	1.30	255	<10	90	<0.5	11	0.62	<0.5	10	31	6380	5.27
E146927		7.62	<0.005	0.2	0.39	3	<10	180	<0.5	<2	0.05	1.2	4	13	43	1.04
E146928		8.94	<0.005	0.3	0.41	6	<10	190	<0.5	<2	0.19	<0.5	2	10	42	1.40
E146929		10.00	<0.005	0.5	0.38	5	<10	160	<0.5	<2	0.20	4.3	4	10	106	1.59
E146930		8.33	<0.005	0.3	0.45	4	<10	180	<0.5	<2	0.29	2.9	6	10	139	1.97
E146931		10.07	<0.005	0.5	0.64	5	<10	230	<0.5	<2	0.84	2.6	3	21	112	1.64
E146932		2.74	<0.005	<0.2	0.02	<2	<10	10	<0.5	<2	19.9	<0.5	<1	1	4	0.45
E146933		9.74	<0.005	0.2	0.57	69	<10	220	<0.5	<2	1.07	2.6	2	45	145	0.96
E146934		4.08	<0.005	0.4	0.87	2	<10	280	<0.5	<2	0.46	3.2	11	18	157	2.39
E146935		5.56	<0.005	0.4	1.21	48	<10	310	0.5	<2	1.58	3.8	8	48	108	2.00
E146936		5.37	<0.005	<0.2	2.34	17	<10	540	0.7	<2	1.13	<0.5	10	52	40	2.59
E146937		4.98	<0.005	<0.2	2.06	2	<10	430	0.7	<2	0.52	<0.5	8	37	40	2.11
E146938		4.72	<0.005	<0.2	1.65	56	<10	340	0.5	<2	0.47	<0.5	7	36	48	1.88
E146939		6.04	<0.005	0.5	1.32	44	<10	190	<0.5	<2	0.72	0.9	8	75	89	2.22
E146940		4.56	<0.005	0.8	0.52	67	<10	220	<0.5	<2	1.01	9.1	5	66	152	1.29
E146941		3.25	<0.005	1.1	0.51	44	<10	210	<0.5	<2	0.99	10.0	7	63	170	1.23
E146942		6.11	<0.005	0.9	0.70	4	<10	260	<0.5	<2	1.74	5.8	6	57	131	1.52
E146943		6.14	<0.005	0.4	0.60	15	<10	140	<0.5	<2	0.88	6.8	10	20	174	2.63
E146944		0.23	0.210	>100	0.72	5580	<10	40	0.5	11	12.4	326	19	18	2540	4.32
E146945		6.04	<0.005	0.3	0.53	36	<10	270	<0.5	<2	0.97	10.3	10	19	134	2.37
E146946		6.39	<0.005	0.2	0.64	98	<10	220	<0.5	<2	1.64	3.4	4	44	48	1.24
E146947		5.39	<0.005	0.3	0.44	39	<10	120	<0.5	<2	0.87	5.1	3	20	45	0.93
E146948		5.51	<0.005	0.4	0.43	89	<10	130	<0.5	<2	1.72	4.8	2	53	73	0.84
E146949		5.91	0.006	0.9	0.52	115	<10	270	<0.5	<2	2.50	6.6	1	90	71	0.58
E146950		7.15	<0.005	0.6	0.43	145	<10	240	<0.5	<2	1.91	5.0	1	83	66	0.45
E146951		6.96	<0.005	0.7	0.65	42	<10	280	<0.5	<2	1.05	10.9	8	32	98	1.88
E146952		4.10	<0.005	<0.2	0.03	<2	<10	20	<0.5	<2	20.3	<0.5	<1	1	2	0.46
E146953		7.02	<0.005	0.5	0.64	55	<10	360	<0.5	<2	1.43	1.4	6	26	54	1.60
E146954		3.27	<0.005	0.3	0.56	97	<10	300	<0.5	2	1.52	0.5	3	60	46	0.88
E146955		4.64	0.033	0.2	0.45	67	<10	160	<0.5	<2	2.28	1.2	3	99	21	0.81
E146956		2.52	<0.005	<0.2	1.12	24	<10	120	0.6	<2	0.96	1.4	10	76	79	2.80
E146957		1.27	<0.005	<0.2	0.26	19	<10	110	<0.5	<2	0.71	1.0	2	44	57	0.82
E146958		1.09	<0.005	0.4	1.51	42	10	150	0.9	<2	0.28	3.2	18	68	288	6.49



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CERTIFICATE OF ANALYSIS WH10153023

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
E146923		<10	<1	0.22	10	0.02	28	19	0.01	9	410	23	0.02	<2	1
E146924		<10	<1	0.24	10	0.02	28	23	0.01	8	510	15	0.02	<2	1
E146925		<10	<1	0.21	20	0.04	47	26	0.01	21	1000	15	0.07	<2	1
E146926		<10	1	0.10	<10	0.76	1645	19	0.06	24	440	9930	2.40	410	4
E146927		<10	<1	0.22	10	0.05	31	22	<0.01	26	450	4	0.15	3	1
E146928		<10	<1	0.22	10	0.02	32	21	0.01	18	1550	16	0.27	<2	1
E146929		<10	<1	0.18	10	0.05	50	28	0.01	29	1160	37	0.36	<2	1
E146930		<10	<1	0.21	10	0.04	36	21	0.01	42	1460	22	1.07	<2	1
E146931		<10	1	0.25	20	0.11	63	25	0.01	34	4190	20	0.55	<2	2
E146932		<10	<1	0.01	<10	12.10	217	<1	0.02	2	190	2	<0.01	<2	<1
E146933		<10	1	0.24	10	0.17	54	35	0.01	59	4950	18	0.12	<2	2
E146934		<10	<1	0.26	20	0.31	78	25	0.02	79	2110	5	0.81	<2	1
E146935		<10	<1	0.31	20	0.80	135	34	0.01	103	6820	11	0.47	<2	2
E146936		10	<1	0.84	20	1.92	258	14	0.03	69	860	6	0.28	<2	7
E146937		10	1	0.70	20	1.70	222	2	0.02	34	380	9	0.26	<2	5
E146938		10	1	0.52	20	1.20	149	34	0.01	92	1580	8	0.27	<2	4
E146939		<10	1	0.27	20	1.04	206	19	0.01	131	3150	22	0.22	<2	4
E146940		<10	<1	0.18	20	0.13	97	38	0.01	177	4760	31	0.40	<2	1
E146941		<10	<1	0.17	20	0.12	99	37	0.01	184	4630	40	0.29	<2	1
E146942		<10	1	0.24	20	0.22	110	44	0.01	183	7920	41	0.57	<2	1
E146943		<10	<1	0.26	20	0.23	156	50	0.01	132	3350	8	1.50	<2	1
E146944		<10	7	0.14	10	0.45	5880	4	0.02	17	840	>10000	6.8	115	2
E146945		<10	<1	0.22	20	0.31	196	41	<0.01	134	2740	16	1.14	<2	1
E146946		<10	<1	0.21	20	0.27	181	46	0.01	142	6110	10	0.13	<2	2
E146947		<10	<1	0.14	20	0.11	170	12	0.01	91	2950	11	0.06	<2	1
E146948		<10	<1	0.14	20	0.22	190	11	0.01	100	5290	20	0.05	<2	1
E146949		<10	<1	0.21	20	0.19	129	50	0.01	100	9640	57	0.04	<2	2
E146950		<10	1	0.19	20	0.12	102	42	0.01	110	7730	42	0.04	<2	2
E146951		<10	<1	0.26	20	0.18	157	42	0.01	119	4180	19	0.90	<2	2
E146952		<10	<1	0.02	<10	12.30	217	<1	0.02	2	210	3	<0.01	<2	<1
E146953		<10	<1	0.24	10	0.16	121	27	0.02	126	6410	8	0.58	<2	2
E146954		<10	<1	0.21	20	0.09	136	28	0.01	192	7090	5	0.11	<2	2
E146955		<10	1	0.16	20	0.16	91	29	0.01	177	>10000	7	0.08	<2	2
E146956		<10	<1	0.14	30	0.31	380	24	0.01	166	4440	6	0.12	<2	6
E146957		<10	<1	0.10	10	0.03	47	16	0.01	83	3410	5	0.02	<2	1
E146958		<10	<1	0.23	20	0.33	146	41	0.01	265	1410	6	0.15	<2	11



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CERTIFICATE OF ANALYSIS WH10153023

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Pb- OG46	Ag- OG46	Zn- OG46
		Th	Ti	Tl	U	V	W	Zn	Pb	Ag	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	%
		20	0.01	10	10	1	10	2	0.001	1	0.001
E146923		<20	<0.01	<10	<10	29	<10	47			
E146924		<20	<0.01	<10	<10	36	<10	96			
E146925		<20	<0.01	<10	<10	28	<10	89			
E146926		<20	0.09	<10	<10	42	<10	5040		99	
E146927		<20	<0.01	<10	10	36	<10	68			
E146928		<20	<0.01	<10	<10	31	<10	136			
E146929		<20	<0.01	<10	<10	33	<10	250			
E146930		<20	<0.01	<10	10	33	<10	337			
E146931		<20	0.01	<10	10	98	<10	232			
E146932		<20	<0.01	<10	<10	3	<10	19			
E146933		<20	0.02	<10	10	308	<10	200			
E146934		<20	0.01	<10	<10	74	<10	222			
E146935		<20	0.02	<10	10	351	<10	284			
E146936		<20	0.07	<10	<10	191	<10	112			
E146937		<20	0.04	<10	<10	40	<10	31			
E146938		<20	0.03	<10	10	286	<10	68			
E146939		<20	0.02	<10	10	302	<10	149			
E146940		<20	<0.01	<10	10	313	<10	501			
E146941		<20	<0.01	<10	10	292	<10	542			
E146942		<20	0.01	<10	10	276	<10	432			
E146943		<20	<0.01	<10	10	115	<10	558			
E146944		<20	<0.01	<10	<10	15	10	>10000	4.70	148	4.81
E146945		<20	<0.01	<10	10	110	<10	765			
E146946		<20	<0.01	<10	10	232	<10	171			
E146947		<20	<0.01	<10	<10	57	<10	207			
E146948		<20	<0.01	<10	<10	84	<10	131			
E146949		<20	0.01	<10	10	691	<10	107			
E146950		<20	0.01	<10	10	580	<10	156			
E146951		<20	0.01	<10	10	192	<10	796			
E146952		<20	<0.01	<10	<10	5	<10	20			
E146953		<20	<0.01	<10	10	132	<10	140			
E146954		<20	0.01	<10	10	189	<10	58			
E146955		<20	0.01	<10	10	382	<10	71			
E146956		<20	0.02	<10	10	273	<10	209			
E146957		<20	<0.01	<10	10	185	<10	85			
E146958		<20	0.03	<10	40	259	<10	630			



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Page: 1
Finalized Date: 31- OCT- 2010
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2- NOV- 2010
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CERTIFICATE WH10153942

Project: OFF
 P.O. No.: BATCH 2
 This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21- 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

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
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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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 Total # Pages: 2 (A - C)
 Finalized Date: 31- OCT- 2010
 Account: MTT

Project: OFF

CERTIFICATE OF ANALYSIS WH10153942

Sample Description	Method Analyte Units LOR	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E146959		2.19	0.007	<0.2	0.44	86	<10	230	<0.5	<2	2.38	1.9	5	70	42	0.84
E146960		2.76	0.008	<0.2	0.45	100	<10	240	<0.5	2	2.45	0.5	3	92	27	0.59
E146961		6.36	0.006	<0.2	0.38	74	<10	140	<0.5	<2	2.16	1.3	1	83	32	0.53
E146962		6.48	0.006	<0.2	0.32	55	<10	110	<0.5	<2	2.06	<0.5	2	87	28	0.52
E146963		6.51	<0.005	<0.2	0.46	16	<10	130	<0.5	<2	1.65	1.0	4	84	90	0.84
E146964		1.99	0.013	<0.2	0.47	9	<10	240	<0.5	2	1.01	17.0	4	57	140	1.02
E146965		2.33	0.013	<0.2	0.91	<2	<10	400	0.6	2	2.33	5.6	8	59	177	1.87
E146966		5.07	<0.005	0.2	0.50	<2	<10	170	<0.5	2	1.79	0.5	6	34	184	1.49
E146967		2.13	<0.005	<0.2	0.04	<2	<10	20	<0.5	<2	20.1	<0.5	1	1	2	0.47
E146968		5.99	<0.005	<0.2	0.59	2	<10	240	<0.5	2	2.08	<0.5	4	43	106	0.89
E146969		6.07	0.053	0.2	0.80	2	<10	320	<0.5	2	2.74	2.2	5	42	107	1.17
E146970		0.12	2.15	14.8	1.12	28	<10	40	<0.5	5	0.32	56.2	11	45	5170	9.28
E146971		6.32	<0.005	<0.2	0.78	4	<10	410	<0.5	<2	3.95	1.9	5	53	156	1.11
E146972		5.97	<0.005	<0.2	0.60	7	<10	430	<0.5	<2	1.81	4.3	5	32	78	1.04
E146973		2.11	<0.005	0.2	1.42	4	<10	190	0.5	2	0.45	5.7	12	26	124	3.03
E146974		3.85	<0.005	0.2	0.99	2	<10	140	<0.5	2	0.29	<0.5	11	15	92	2.75
E146975		4.96	<0.005	<0.2	0.80	45	<10	620	<0.5	<2	2.30	<0.5	4	39	37	1.02
E146976		5.56	<0.005	<0.2	0.69	3	<10	200	<0.5	<2	0.67	2.4	8	41	144	1.90
E146977		3.42	<0.005	<0.2	0.65	2	<10	260	<0.5	<2	0.63	1.4	9	38	145	1.74
E146978		6.40	<0.005	0.2	0.55	4	<10	240	<0.5	<2	0.57	<0.5	10	13	81	1.76
E146979		6.46	<0.005	<0.2	0.87	<2	<10	590	<0.5	2	1.49	4.3	7	61	106	1.61
E146980		6.01	<0.005	0.3	0.55	3	<10	420	<0.5	<2	1.94	0.6	5	55	106	0.98
E146981		4.40	<0.005	<0.2	0.05	<2	<10	20	<0.5	<2	20.7	<0.5	1	2	3	0.48
E146982		3.26	<0.005	<0.2	2.46	<2	<10	790	0.8	2	1.01	<0.5	9	99	103	2.93
E146983		4.06	<0.005	0.2	0.45	<2	<10	120	<0.5	2	0.36	<0.5	5	27	53	1.18
E146984		5.02	0.008	<0.2	1.57	2	<10	350	0.7	2	0.46	<0.5	9	42	95	2.86
E146985		5.22	<0.005	<0.2	1.80	34	<10	280	0.7	<2	1.65	<0.5	13	40	62	3.10
E146986		0.28	0.235	>100	0.94	6280	<10	60	0.5	12	12.3	314	20	18	2520	4.59
E146987		5.16	<0.005	<0.2	0.44	23	<10	150	<0.5	<2	1.32	<0.5	6	37	42	0.77
E146988		5.28	<0.005	0.3	0.99	10	<10	320	0.5	<2	1.86	0.7	5	27	71	2.04
E146989		5.09	<0.005	0.2	0.39	<2	<10	220	<0.5	4	2.90	<0.5	6	35	90	1.36
E146990		4.77	<0.005	0.2	1.34	<2	<10	150	0.6	<2	1.93	<0.5	17	34	221	3.57
E146991		5.35	0.044	<0.2	1.53	<2	<10	340	0.5	<2	1.43	<0.5	13	30	114	2.37
E146992		4.64	<0.005	<0.2	1.41	5	<10	490	0.5	<2	1.50	<0.5	6	56	104	2.13
E146993		5.10	0.012	<0.2	0.57	5	<10	280	<0.5	<2	0.96	4.8	6	32	112	1.52
E146994		3.53	0.011	0.2	0.58	<2	<10	170	<0.5	<2	0.59	<0.5	9	13	86	2.11

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Page: 2 - B
 Total # Pages: 2 (A - C)
 Finalized Date: 31- OCT- 2010
 Account: MTT

Project: OFF

CERTIFICATE OF ANALYSIS WH10153942

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E146959		<10	<1	0.21	20	0.19	235	56	0.01	182	8910	9	0.15	<2	2	132
E146960		<10	<1	0.25	20	0.16	102	59	0.01	203	9900	17	0.11	<2	2	148
E146961		<10	<1	0.16	20	0.12	89	28	0.01	142	8810	6	0.03	<2	2	142
E146962		<10	<1	0.14	10	0.15	83	20	0.01	131	8170	<2	0.04	<2	1	131
E146963		<10	<1	0.16	20	0.20	116	17	0.01	183	6420	<2	0.16	<2	2	83
E146964		<10	<1	0.24	10	0.20	107	64	0.01	217	3780	2	0.49	<2	1	45
E146965		<10	<1	0.56	20	0.88	164	70	0.01	222	6830	<2	0.70	<2	2	137
E146966		<10	<1	0.21	10	0.61	125	16	0.02	101	3470	8	0.69	<2	1	129
E146967		<10	<1	0.02	<10	12.25	210	<1	0.02	1	200	<2	<0.01	<2	<1	49
E146968		<10	<1	0.22	10	0.40	103	19	0.01	108	6250	2	0.25	<2	2	92
E146969		<10	<1	0.33	10	0.42	145	22	0.02	124	>10000	12	0.36	<2	2	90
E146970		<10	1	0.12	<10	1.11	366	14	0.02	23	120	242	>10.0	<2	2	8
E146971		<10	<1	0.34	20	0.27	110	21	0.01	164	>10000	2	0.49	<2	2	145
E146972		<10	<1	0.27	10	0.24	105	39	0.01	129	7490	3	0.47	<2	1	56
E146973		<10	<1	0.59	30	1.24	361	65	0.01	220	1550	<2	1.12	2	3	16
E146974		<10	<1	0.34	30	0.38	111	25	0.01	102	940	2	1.35	<2	1	10
E146975		<10	<1	0.44	20	0.50	86	36	0.01	157	8990	2	0.26	<2	2	75
E146976		<10	<1	0.37	20	0.32	107	41	0.01	137	2550	<2	0.92	<2	2	23
E146977		<10	<1	0.35	20	0.30	104	40	0.01	151	2220	<2	0.82	<2	1	22
E146978		<10	<1	0.29	20	0.18	72	17	0.01	70	1330	<2	0.92	<2	1	23
E146979		<10	<1	0.41	20	0.57	136	53	0.02	177	3500	<2	0.52	<2	2	75
E146980		<10	<1	0.29	10	0.17	66	15	0.01	161	7970	3	0.38	<2	1	94
E146981		<10	<1	0.03	<10	12.70	213	<1	0.02	2	200	<2	<0.01	<2	<1	49
E146982		10	<1	1.26	20	2.26	232	5	0.02	74	1340	<2	0.45	<2	7	25
E146983		<10	<1	0.16	10	0.47	204	1	0.01	28	300	<2	0.23	<2	2	15
E146984		<10	<1	0.86	20	1.36	236	3	0.01	48	820	<2	0.96	<2	3	15
E146985		<10	<1	0.84	30	1.37	149	16	0.02	74	4110	2	1.09	<2	4	84
E146986		<10	7	0.25	10	0.46	5960	3	0.02	18	810	>10000	7.3	120	2	569
E146987		<10	<1	0.22	10	0.21	117	7	0.01	53	1750	5	0.11	<2	1	44
E146988		<10	<1	0.52	20	0.57	125	8	0.01	81	5670	103	0.59	<2	2	78
E146989		<10	<1	0.16	30	0.10	76	10	0.01	99	8880	2	0.81	<2	1	93
E146990		<10	<1	0.72	40	0.71	86	15	0.02	127	8240	7	1.73	<2	2	81
E146991		<10	<1	0.83	30	0.96	81	6	0.01	61	4240	<2	0.80	<2	2	54
E146992		<10	<1	0.66	20	0.96	95	16	0.01	103	5370	<2	0.61	<2	2	60
E146993		<10	<1	0.32	20	0.28	61	40	0.01	148	3100	7	0.73	<2	1	27
E146994		<10	<1	0.31	20	0.22	75	19	0.01	77	1370	<2	1.09	<2	1	18

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Page: 2 - C
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Project: OFF

CERTIFICATE OF ANALYSIS WH10153942

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Pb- OG46	Ag- OG46	Zn- OG46
		Th	Ti	Tl	U	V	W	Zn	Pb	Ag	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	%
		20	0.01	10	10	1	10	2	0.001	1	0.001
E146959		<20	0.01	<10	20	631	<10	127			
E146960		<20	0.02	<10	20	922	<10	44			
E146961		<20	0.01	<10	10	456	<10	64			
E146962		<20	0.01	<10	10	229	<10	30			
E146963		<20	0.01	<10	10	139	<10	81			
E146964		<20	0.01	<10	20	448	<10	1485			
E146965		<20	0.03	<10	20	587	<10	448			
E146966		<20	0.01	<10	<10	136	<10	70			
E146967		<20	<0.01	<10	<10	3	<10	17			
E146968		<20	0.01	<10	<10	163	<10	48			
E146969		<20	0.02	<10	10	204	<10	150			
E146970		<20	0.02	<10	<10	19	<10	>10000			1.315
E146971		<20	0.01	<10	10	207	<10	130			
E146972		<20	0.01	<10	<10	151	<10	172			
E146973		<20	0.04	<10	20	162	<10	454			
E146974		<20	0.01	<10	<10	62	<10	33			
E146975		<20	0.02	<10	10	283	<10	64			
E146976		<20	0.02	<10	10	217	<10	235			
E146977		<20	0.02	<10	10	186	<10	163			
E146978		<20	0.01	<10	<10	46	<10	29			
E146979		<20	0.02	<10	10	448	<10	302			
E146980		<20	0.01	<10	10	129	<10	56			
E146981		<20	<0.01	<10	<10	3	<10	17			
E146982		<20	0.08	<10	<10	107	<10	62			
E146983		<20	0.01	<10	<10	29	<10	20			
E146984		<20	0.05	<10	<10	52	<10	50			
E146985		<20	0.07	<10	<10	132	<10	45			
E146986		<20	0.01	<10	<10	16	10	>10000	4.93	154	5.19
E146987		<20	0.01	<10	<10	70	<10	27			
E146988		<20	0.03	<10	10	110	<10	116			
E146989		<20	0.01	<10	10	153	<10	8			
E146990		<20	0.05	<10	<10	129	<10	47			
E146991		<20	0.06	<10	<10	88	<10	29			
E146992		<20	0.05	<10	<10	162	<10	66			
E146993		<20	0.02	<10	10	230	<10	381			
E146994		<20	0.01	<10	<10	51	<10	22			

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Page: 1
Finalized Date: 1- NOV- 2010
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CERTIFICATE WH10156690

Project: OFF
 P.O. No.: Batch 3
 This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25- 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
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
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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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 Total # Pages: 2 (A - C)
 Finalized Date: 1- NOV- 2010
 Account: MTT

Project: OFF

CERTIFICATE OF ANALYSIS WH10156690

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 %
E146995		2.73	<0.005	0.2	4.12	7	<10	60	0.6	<2	0.73	0.7	30	125	131	6.77
E146996		2.53	<0.005	0.2	1.03	4	<10	210	0.6	<2	0.55	0.6	12	20	84	2.48
E146997		1.15	<0.005	0.4	3.34	5	<10	50	0.5	<2	0.62	0.7	25	105	147	6.23
E146998		4.15	<0.005	<0.2	0.04	<2	<10	30	<0.5	<2	19.8	<0.5	<1	1	2	0.46
E146999		1.65	<0.005	0.2	1.14	3	<10	340	0.5	<2	0.99	4.0	8	34	101	2.18
E147000		2.85	<0.005	0.3	1.01	4	<10	550	0.5	<2	0.69	3.7	9	30	95	2.00
J931450		5.31	<0.005	0.2	0.98	29	<10	690	0.6	<2	1.20	<0.5	6	32	50	1.33
J931451		5.20	<0.005	0.2	0.95	17	<10	450	0.5	<2	0.63	<0.5	9	22	45	2.05
J931452		5.06	<0.005	0.3	0.99	<2	<10	300	<0.5	<2	0.37	<0.5	10	25	67	2.55
J931453		0.32	0.277	>100	1.21	244	<10	90	<0.5	6	0.58	23.8	11	30	6090	5.04
J931454		2.67	<0.005	0.3	0.78	<2	<10	360	<0.5	<2	0.35	<0.5	10	19	72	1.83
J931455		0.91	<0.005	0.2	0.69	<2	<10	540	<0.5	<2	0.50	<0.5	5	19	34	1.16
J931456		1.72	<0.005	0.2	0.78	2	<10	410	<0.5	<2	0.38	<0.5	7	18	54	1.45
J931457		4.86	<0.005	<0.2	0.84	3	<10	550	0.5	<2	0.45	<0.5	5	20	41	1.15
J931458		4.91	<0.005	0.2	0.85	4	<10	490	0.5	<2	2.10	<0.5	4	30	54	1.13
J931459		2.54	<0.005	0.2	0.88	4	<10	520	0.5	<2	1.67	1.3	3	29	51	1.05
J931460		5.33	<0.005	0.4	0.57	7	<10	440	<0.5	<2	2.62	<0.5	1	30	43	0.52
J931461		5.00	<0.005	0.4	0.81	16	<10	450	0.5	<2	2.53	<0.5	3	37	56	0.75
J931462		5.11	<0.005	0.4	0.92	45	<10	440	0.5	<2	4.46	<0.5	4	59	83	0.78
J931463		4.21	<0.005	<0.2	0.03	<2	<10	10	<0.5	<2	20.0	<0.5	1	1	2	0.45
J931464		5.35	<0.005	0.6	0.83	3	<10	510	0.6	<2	1.24	1.1	5	26	94	1.16
J931465		5.24	<0.005	0.6	0.72	<2	<10	250	0.6	<2	0.48	1.2	11	16	136	1.60
J931466		5.27	<0.005	1.2	1.04	2	<10	340	0.7	<2	0.34	2.7	10	20	128	1.59
J931467		3.93	<0.005	0.5	0.89	69	<10	530	0.5	<2	1.47	1.5	4	40	56	0.95
J931468		6.03	<0.005	0.8	1.44	5	<10	410	0.8	2	1.26	0.8	8	35	95	2.31
J931469		4.86	<0.005	1.0	0.75	<2	<10	250	0.5	<2	0.33	0.6	10	17	82	1.86
J931470		0.11	2.16	14.6	0.92	26	<10	30	<0.5	6	0.29	57.1	10	41	4940	8.89
J931471		5.08	<0.005	1.0	0.85	<2	<10	180	0.6	<2	0.54	1.2	11	18	89	1.96
J931472		5.94	<0.005	1.1	0.73	3	<10	330	0.7	<2	1.66	1.8	9	19	63	1.85
J931473		6.62	<0.005	0.5	0.83	<2	<10	490	0.6	<2	0.71	1.0	6	17	38	1.17
J931474		7.00	<0.005	0.6	0.50	5	<10	300	<0.5	<2	3.53	2.6	6	11	42	1.61
J931475		6.17	<0.005	0.3	0.52	4	20	330	<0.5	2	1.52	<0.5	9	10	81	1.66
J931476		6.36	<0.005	0.3	0.43	7	<10	310	<0.5	<2	1.72	<0.5	3	28	57	0.80
J931477		5.62	<0.005	0.6	0.45	6	<10	270	<0.5	<2	1.98	1.0	2	69	76	0.65
J931478		5.54	<0.005	0.2	0.36	5	<10	80	<0.5	<2	2.09	<0.5	3	15	26	0.82
J931479		Not Recvd														

Comments: ***Corrected Copy for including PO Number Batch 3***



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 Account: MTT

Project: OFF

CERTIFICATE OF ANALYSIS WH10156690

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
E146995		10	<1	2.40	10	3.22	440	5	0.03	92	1210	2	2.33	<2	21	17
E146996		<10	<1	0.50	30	0.37	126	23	0.02	92	1010	3	1.23	<2	2	15
E146997		10	<1	2.21	10	2.88	419	<1	0.04	76	920	<2	2.29	<2	13	14
E146998		<10	<1	0.03	<10	12.05	211	<1	0.02	2	180	<2	<0.01	<2	<1	48
E146999		<10	<1	0.56	20	0.58	138	24	0.02	108	2740	4	0.89	<2	2	25
E147000		<10	<1	0.49	10	0.60	109	57	0.02	165	1350	13	0.58	<2	2	18
J931450		<10	<1	0.40	20	0.34	120	49	0.03	141	2900	3	0.36	<2	2	33
J931451		<10	<1	0.27	20	0.40	124	26	0.02	91	1310	<2	0.49	<2	1	24
J931452		<10	<1	0.24	20	0.34	95	20	0.03	91	1210	<2	0.83	<2	1	20
J931453		<10	1	0.09	<10	0.72	1530	18	0.06	25	420	9420	2.29	417	4	26
J931454		<10	<1	0.31	20	0.24	68	35	0.02	111	1400	2	0.63	<2	1	21
J931455		<10	<1	0.25	20	0.20	91	10	0.03	45	1270	2	0.30	<2	1	24
J931456		<10	<1	0.23	30	0.28	80	31	0.02	73	1090	4	0.37	<2	1	20
J931457		<10	<1	0.31	20	0.29	85	30	0.02	76	900	6	0.28	<2	1	18
J931458		<10	<1	0.34	10	0.36	172	14	0.01	57	5600	9	0.21	<2	2	82
J931459		<10	<1	0.35	10	0.33	141	15	0.01	58	4570	10	0.20	<2	2	68
J931460		<10	<1	0.25	10	0.20	80	12	0.01	47	>10000	35	0.05	<2	1	131
J931461		<10	<1	0.30	10	0.35	129	13	0.02	97	7770	41	0.11	<2	2	101
J931462		<10	<1	0.34	20	0.32	78	20	0.02	160	>10000	38	0.14	<2	2	208
J931463		<10	<1	0.01	<10	12.15	209	<1	0.01	3	210	<2	<0.01	<2	<1	47
J931464		<10	<1	0.32	20	0.33	93	21	0.02	76	3740	70	0.46	<2	1	49
J931465		<10	<1	0.31	30	0.24	83	25	0.02	86	1070	51	0.80	<2	1	22
J931466		<10	<1	0.40	30	0.35	66	27	0.02	90	940	178	0.68	<2	1	17
J931467		<10	<1	0.39	20	0.44	119	78	0.02	185	3850	76	0.26	<2	2	51
J931468		<10	<1	0.34	20	0.85	165	37	0.02	127	2160	109	0.61	<2	3	35
J931469		<10	<1	0.24	30	0.36	69	23	0.01	91	890	98	0.81	<2	1	16
J931470		<10	1	0.09	<10	0.91	338	12	0.01	22	110	245	>10.0	<2	2	7
J931471		<10	<1	0.34	30	0.35	82	22	0.01	92	790	101	1.01	<2	1	21
J931472		<10	<1	0.27	30	0.64	201	34	0.01	85	750	162	0.75	<2	2	59
J931473		<10	<1	0.34	30	0.35	103	23	0.02	77	840	74	0.42	<2	1	31
J931474		<10	<1	0.21	20	1.58	199	21	0.02	71	810	56	0.51	<2	2	93
J931475		<10	<1	0.23	20	0.63	119	26	0.02	80	1220	6	0.83	<2	1	55
J931476		<10	<1	0.19	20	0.34	115	38	0.01	104	4890	21	0.29	<2	1	70
J931477		<10	<1	0.20	10	0.18	86	19	0.01	113	7630	164	0.19	<2	2	92
J931478		<10	<1	0.13	<10	0.60	179	1	0.01	33	760	19	0.03	<2	2	71
J931479																

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Project: OFF

CERTIFICATE OF ANALYSIS WH10156690

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Zn- OG46
		Th	Ti	Ti	U	V	W	Zn	Ag	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		20	0.01	10	10	1	10	2	1	0.001
E146995		<20	0.24	<10	30	231	<10	309		
E146996		<20	0.02	<10	<10	79	<10	53		
E146997		<20	0.22	<10	<10	172	<10	266		
E146998		<20	<0.01	<10	<10	3	<10	18		
E146999		<20	0.04	<10	10	209	<10	316		
E147000		<20	0.04	<10	10	263	<10	313		
J931450		<20	0.03	<10	10	181	<10	27		
J931451		<20	0.02	<10	<10	105	<10	68		
J931452		<20	0.02	<10	<10	122	<10	53		
J931453		<20	0.08	<10	<10	40	10	4750	96	
J931454		<20	0.02	<10	10	84	<10	41		
J931455		<20	0.01	<10	<10	57	<10	22		
J931456		<20	0.01	<10	10	67	<10	33		
J931457		<20	0.02	<10	10	89	<10	41		
J931458		<20	0.02	<10	<10	170	<10	31		
J931459		<20	0.01	<10	<10	149	<10	48		
J931460		<20	0.01	<10	<10	113	<10	16		
J931461		<20	0.01	<10	<10	171	<10	37		
J931462		<20	0.01	<10	10	252	<10	56		
J931463		<20	<0.01	<10	10	3	<10	19		
J931464		<20	0.01	<10	10	103	<10	103		
J931465		<20	0.01	<10	10	67	<10	118		
J931466		<20	0.01	<10	<10	82	<10	218		
J931467		<20	0.02	<10	20	493	<10	125		
J931468		<20	0.02	<10	10	238	<10	148		
J931469		<20	0.01	<10	<10	62	<10	86		
J931470		<20	0.02	<10	<10	15	<10	>10000	1.305	
J931471		<20	0.01	<10	<10	73	<10	128		
J931472		<20	0.01	<10	10	79	<10	196		
J931473		<20	0.01	<10	10	80	<10	141		
J931474		<20	<0.01	<10	10	56	<10	387		
J931475		<20	<0.01	<10	10	30	<10	19		
J931476		<20	<0.01	<10	10	99	<10	53		
J931477		<20	<0.01	<10	10	210	<10	97		
J931478		<20	<0.01	<10	<10	15	<10	75		
J931479										

Comments: ***Corrected Copy for including PO Number Batch 3***

APPENDIX IV
GEOLOGICAL AND GEOTECHNICAL LOGS

OFF PROPERTY

Grid East	Grid North	Easting	Northing	Elev. (m)	Depth (m)
		427596	6816678	1319	244.14

ZONE: _____

SECTION: _____

HOLE: OFF-10-01 _____

CLAIM: Off 23 YC98383 _____

Contractor: Top Rank Diamond Drilling Ltd

Drill: JKS-300

Core size: NTW & BTW

Casing depth: 3.96 (m) in / out

Drilling dates: July 13th to July 16th, 2010

Geology logged by: Oliver Fu

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	210	-50.0	compass				

TARGET: _____

SUMMARY				
From (m)	To (m)	Interval	Unit	Comments
0.00	3.96	3.96	OVB	Overburden
3.96	32.10	28.14	PHY	Rusty phyllite
32.10	48.05	15.95	RHY/PHY	Rhyolitic tuffaceous beds interbedded with phyllitic layers
48.05	134.39	86.34	ARG	Argillite
134.39	161.98	27.59	RHY/ARG	Tuffaceous fragmental rhyolite interbedded with argillitic layers
161.98	240.50	78.52	VCL	Siliceous meta-volcaniclastic
240.50	244.14	3.64	QTE/RHY	Interbedded rhyolite and quartzite
EOH				

SAMPLES
Numbers: E146923 to E147000
J981450 to J981478
Total: <u>107</u>
Batch: <u>1, 2, 3</u>
Date Sent: _____
Certificate: WH10153023, WH10153942, WH10156690

COMMENTS

GEOLOGY LOG

HOLE: OFF-10-01

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION					MINERALS					Photo	DETAILED DESCRIPTION			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (fta)	Density (frequency/m)	Oxidation	Carbonate	Silicification	Sericite	Other		Pyrite			Type			Intensity	Type	Intensity
																	Type	Intensity									
0.00	3.96	3.96				OVB																					
3.96	32.10	28.14				PHY			FO	90			m														Grey to light grey and rusty, foliated, pitted phyllite. Rusty pits are abundant and between 1-4 mm wide. Pits produce a slight to moderate porosity. Foliation is weakly to moderately well developed, and sub-perpendicular TCA. Fine to medium grain, anhedral to subhedral, elongate quartz crystals are cryptic and have undergone deformation. Black rusty seams are between <1 to 1 mm wide, and biotite-rich(?) - no visible crystals. Unit has been broken up into poker chips. White quartz veins are scattered throughout, and range in size between 1 to 3 mm wide, locally 5-10 cm wide. Quartz veins follow foliation.
			14.18	14.29	0.11				VN																		Rusty white, massive quartz vein. Sharp upper and lower contacts.
			15.58	15.71	0.13				VN																		Buff to tan with a tinge of green chlorite coloured alteration on fractured surfaces. Alteration flakes off as a phyllosilicate. These altered zones are local and between 1-10 cm wide.
			17.50	27.00	9.50																						Rusty white quartz vein. Weakly clay altered
			22.65	23.02	0.37				VN									CLY	w								
			26.50	27.60	1.10	PHY																					Unit has a high concentration of mafics, and slightly darker in colour. Foliation is poorly developed.
			27.60	32.10	4.50	ARG			DE					m						f							Grey to light grey, weakly foliated deformed argillite with abundant rusty pits and fractured surfaces. Outlines of remnant bedding planes have been moderately to strongly folded and deformed. Folds are primarily asymmetric and have a slight stylonitic appearance. The zone is composed of dark pelitic and lighter siltstone layers between 1 to 5 mm wide. Pyrite occurs as faint <1 mm laminations or as discontinuous lenses parallel to foliation.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION					MINERALS					Photo	DETAILED DESCRIPTION							
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	Oxidation	Carbonate	Silicification	Sericite	Other		Pyrite			Other			Type	Intensity	Type	Intensity			
																	Type	Intensity				Type							Intensity		
32.10	48.05	15.95				RHY/ARG							w		w	m				f											Dirty white to light grey, moderately hard, rhyolitic tuffaceous beds and black, moderately soft argillite interbeds that have undergone moderate folding and deformation. Locally deformed and intensely folded. Black argillite layers are between <1 to 3 mm wide and appear to surround harder tuffaceous layers. This texture is distinct. Tuffaceous layers are between 5 to 40 mm wide. Tuffaceous beds are still preserved, yet folded and show weak to strong foliation. Folding and foliation appear syngenetic. Tuffaceous fragments are scattered throughout producing a unique texture. Pyrite mainly occurs as <1 to 1 mm laminations or as fine grain disseminations. Pitting is variable and ranges from moderate to locally dense, and occasionally filled with limonite. Sericite alteration occurs throughout and locally infills pits.
			35.50	36.10	0.60	RHY							m		m	w				t											Cloudy white to light grey, fine grained, hard, massive rhyolite. Moderately oxidized with moderate to strong limonite staining and sericite alteration along fractured surfaces. Trace pyrite.
			37.17	37.53	0.36	RHY/ARG										w	CHL	m													Forest green chlorite alteration appears flaky and occupies interstitial space between argillitic interbeds. Light tan to buff sericite alteration varies intensity between weak to moderate, and occurs on fractured surfaces. Locally infilling pits.
			46.38	46.52	0.14	QTE										w	CHL	w													White and slightly smoky, medium grained quartzite with few vugs and oxidized patches. Chlorite and sericite alteration intensifies with a corresponding increase in vug concentration.
			47.37	48.05	0.68	RHY							t		m	w							He	t							Cloudy white to light grey, fine grained, massive rhyolite with sericite infilled fractures. From 47.53 to 47.58 m, reddish maroon, soft, clay-like hematitic alteration occurs on a fractured surface.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION					MINERALS					Photo	DETAILED DESCRIPTION							
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	Oxidation	Carbonate	Silicification	Sericite	Other		Pyrite			Other			Type	Intensity	Type	Intensity			
																	Type	Intensity				Type							Intensity		
48.05	134.39	86.34				ARG							w		w	m				m											Dark to light grey, moderately hard, folded argillitic beds. Weakly oxidized along fractures. Hard, angular to subangular, grey lithic clasts occur randomly throughout. Clasts are between 1 to 3.5 cm wide. Asymmetric folds are common. Pyrite is fine grained, locally medium grained, and occurs as elongate blebs between 3 to 10 mm wide, or as <1 to 1 mm laminations. Occasionally occurs as blotchy patches. Sericite occurs throughout as whisps, within pits or infills fractures. Pitting is abundant. Note: lighter siltstone layers are harder than dark pelitic layers.
			58.05	61.32	3.27	ARG			DE							m														Pitting concentration increases. Black clay-rich pelitic unit contains the majority of pits. Interval has undergone weak deformation. Grain boundaries between layers are diffuse and jagged.	
			61.73	62.22	0.49	QTE										m														Cloudy, dirty white, speckled quartzite with moderate sericite alteration. Sericite infills most fractures and voids.	
			62.55	77.30	14.75	ARG							m			m				w										Unit is slightly lighter due to a decrease in pelitic layers and an increase in siltstone layers. Lithic clasts are more abundant (~5%). Clasts are light grey to black and angular, moderately hard. Black clasts leave a black shaley/carbon-like material on fingers when touched. Boundaries between clasts and argillitic units are sharp. Clasts appear to concentrate within distinct layers which have undergone the same folding event as its surroundings. Asymmetric folds are abundant and range in size between 1 to 3 mm. Pyrite occurs as laminations 1 mm wide or as elongate blebs between 1 to 3 mm wide. Rusty seams and fractured surfaces are abundant.	
			77.30	77.50	0.20	QTE										m														Cloudy, dirty white, speckled quartzite with moderate sericite alteration. Sericite infills most fractures and voids.	
			78.30	81.20	2.90	ARG			FO	90						w	CHL	w												Buff green sericite and chlorite alteration occurs interstitially between layers. Foliation is sub-perpendicular TCA, and fold structures are scarce. Alteration appears to preferentially target pelitic, clay rich black layers.	

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION					MINERALS					Photo	DETAILED DESCRIPTION													
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	Oxidation	Carbonate	Silicification	Sericite	Other		Pyrite			Other			Type	Intensity	Type	Intensity									
																	Type	Intensity				Type							Intensity								
			81.20	104.70	23.50	ARG								w		m	m	CHL	w	f															Faint green chlorite alteration occurs interstitially and along fractured seams. Actinolite occurs as dark grey to black, needle-like, euhedral, prismatic crystals between 1 to 5 mm long. Actinolite is no longer present from 89.21 m onwards. Pyrite mainly occurs on fractured surfaces. Rusty, limonitic alteration mainly occurs on fractured surfaces. Locally with a thick 1 mm rusty coating. Unit is hard. Locally, oxidation increases to moderate. Asymmetric folds occur throughout.		
			86.20	89.21	3.01	QTE								s				CHL	m	w														Cloudy rusty white quartzite with zones of intensely oxidized argillite. Sharp upper and lower contacts. Overall, unit is altered. Few interbeds between 5 to 20 cm have been moderately oxidized and weakly chloritized. Actinolite is still present and best observed on fractured surfaces. Black manganese coating occurs on few surfaces.			
			88.45	89.21	0.76	QTE								i																				Intensely oxidized zone. Granular and mushy.			
			102.72	103.06	0.34											s	m				ms												Quartz flooded zone. White quartz with thin black pelitic zones. Fine grained pyrite-rich layers are between 1 to 5 mm. Pyrite crystals are elongate and slightly tarnished. The center of this unit is slightly gougy and soft.				
			104.70	134.39	29.69	ARG								t		s	m				m													Pyrite concentration decreases to moderate, and occurs as patchy blebs between 5 to 13 mm wide. Pyrite crystals mainly occur within quartz veins. Striations on pyrite crystals are observed. Asymmetric folds are abundant. Locally quartz and sericite altered. Alteration occurs alongside each other. Few sericite veins cross-cut white quartz veins, and infills fractures within quartz veins. Unit is hard			
			116.79	116.89	0.10				GO							s	CLY	m	f															Soft, granular, sericite altered. Few white quartz lenses, roughly 6 mm wide. Pyrite is fine grained and disseminated.			
			116.98	117.15	0.17				GO							s	CLY	w	f																		
			118.35	130.16	11.81	ARG			FO	90						s	m				s														Greenish tan alteration is scattered throughout the interval, producing a slightly burnt look. Pyrite is fine grained, disseminated throughout and mainly occurs as <1 to 2 mm crystals or as cross-cutting veins. Unit still shows remnant siltstone and pelitic layers. Unit is hard and silicified with local quartz laminations in a well foliated altered argillite. Pits are between 1 to 3 mm wide and mainly filled with a white carbonaceous mineral that weakly effervesces.		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION					MINERALS					Photo	DETAILED DESCRIPTION						
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	Oxidation	Carbonate	Silicification	Sericite	Other		Pyrite			Other			Type	Intensity	Type	Intensity		
																	Type	Intensity				Type							Intensity	
			130.16	134.39	4.23	ARG									s	w				ms										Dark grey to black, hard, siliceous/quartz-flooded argillite with strong pyrite mineralization. Pyrite occurs as patchy blebs between 2 to 11 mm wide.
134.39	161.98	27.59				RHY /AR G										m			f										Greyish green and speckled light pink, white and black, moderately hard, tuffaceous fragmental rhyolite interbedded with 1-2 mm argillitic layers. Few white carbonaceous lenses weakly effervesce, and range in size between 1 to 3 mm. Argillitic layers are best observed on greasy fractured surfaces. Locally soft. Pyrite is disseminated between interbeds. Note: Relatively identical to rhyolitic unit at the top of the hole.	
			135.90	138.00	2.10	ARG									i	m			f										Cloudy to dark grey, hard, intensely silicified and altered argillite with tarnished pyrite along seams. Pyrite often occurs alongside sericite veinlets (1-3 mm wide) or as patchy blebs on fractured surfaces. Sericite occurs within veinlets or as patches infilling fractures and pits.	
			141.32	141.40	0.08				GO							m	CLY	s											Granular, mushy gouge. Moderately sericite altered Sharp upper and lower contacts.	
			141.65	141.80	0.15				VN								CHL	w										White quartz vein with sericite and chlorite veinlets. Sericite also infills fractures. Chlorite appears as splotchy blebs within the quartz matrix. Sharp upper and lower contacts.		
			143.24	144.70	1.46	ARG								t		w	CHL	w	w									Black, hard, siliceous/quartz-flooded argillite with minor sericite alteration. Pyrite is weakly disseminated. Pits are 1 mm wide, and contact a white, weakly effervescing minerals. Chlorite alteration is weak and mainly resembles an alteration that 'acts' as a phyllosilicate (poker chips). Black, needle-like, prismatic actinolite crystals are between 2 to 4 mm long. These crystals are scattered throughout. Best observed along fractures.		
			144.70	147.31	2.61	RHY									m	m			f									Cloudy greenish-gray with a pink halo, moderately homogeneous rhyolite flow with local zones of interbedded argillitic laminations. Unit is hard. Local pyritic stringers are 1 to 2 mm wide. Pyrite also occurs as patchy blebs on fractures.		

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION					MINERALS					Photo	DETAILED DESCRIPTION								
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	Oxidation	Carbonate	Silicification	Sericite	Other		Pyrite			Other			Type	Intensity	Type	Intensity				
																	Type	Intensity				Type							Intensity			
			147.31	147.48	0.17	ARG								t			w	CHL	w	w												Black, hard, siliceous/quartz-flooded argillite with minor sericite alteration. Pyrite is weakly disseminated. Pits are 1 mm wide, and contact a white, weakly effervescing minerals. Chlorite alteration is weak and mainly resembles an alteration that 'acts' as a phyllosilicate (poker chips). Black, needle-like, prismatic actinolite crystals are between 2 to 4 mm long. These crystals are scattered throughout. Best observed along fractures.
			149.02	150.60	1.58	ARG								t			w	CHL	w	w											Black, hard, siliceous/quartz-flooded argillite with minor sericite alteration. Pyrite is weakly disseminated. Pits are 1 mm wide, and contact a white, weakly effervescing minerals. Chlorite alteration is weak and mainly resembles an alteration that 'acts' as a phyllosilicate (poker chips). Black, needle-like, prismatic actinolite crystals are between 2 to 4 mm long. These crystals are scattered throughout. Best observed along fractures. Black, lithic clasts are angular to subrounded and range in size between 1 to 5 cm. Asymmetric folds are abundant.	
			151.90	153.17	1.27	ARG								t			w	CHL	w	w											White quartz vein with sericite and chlorite veinlets. Sericite also infills fractures. Chlorite appears as splotchy blebs within the quartz matrix. Sharp upper and lower contacts.	
			153.86	154.11	0.25														CHL	w												
			156.57	156.74	0.17														CHL	w												
			160.60	161.98	1.38	ARG								t			w	CHL	w	w												Black, hard, siliceous/quartz-flooded argillite with minor sericite alteration. Pyrite is weakly disseminated. Pits are 1 mm wide, and contact a white, weakly effervescing minerals. Chlorite alteration is weak and mainly resembles an alteration that 'acts' as a phyllosilicate (poker chips). Black, needle-like, prismatic actinolite crystals are between 2 to 4 mm long. These crystals are scattered throughout. Best observed along fractures. Black, lithic clasts are angular to subrounded and range in size between 1 to 5 cm. Asymmetric folds are abundant.

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION					MINERALS					Photo	DETAILED DESCRIPTION						
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	Oxidation	Carbonate	Silicification	Sericite	Other		Pyrite			Other			Type	Intensity	Type	Intensity		
																	Type	Intensity				Type							Intensity	
161.98	240.50	78.52				VCL			FO	90						m			s											Dark grey with local light grey patches and layers, siliceous meta-volcaniclastic with disseminated pyrite. Pyrite is mainly disseminated, although also occurs as fine grained, subrounded blebs, as patches on fractures or as laminations between 1 to 3 mm wide. Black shaley layer are common and occur within fine grained quartz-rich tuffaceous layers. Remnant pelitic layers are still visible, although have undergone obvious folding and deformation. Orange-yellow sericite alteration infills pits and appears as yellowish-green stains on core. Note: Texture resembles that of the interbedded ARG/PHY and RHY unit between 32.1 to 48.05 m.
			167.23	168.87	1.64									t			BIOT	s	m										White, medium grained quartz veins with light tan-brown 'biotite alteration'. Locally biotite and chlorite alteration have a skarnified appearance. Pyrite is tarnished and appears as fine grain, semi-crystalline elongate blebs.	
			168.87	240.50	71.63	VCL/RHY							w		w				m										Black to light grey, shaley phyllite interbedded with meta-volcaniclastics. Shaley phyllitic layers are dark grey and black. Remnant bedding is still visible, although has undergone folding. The meta-volcaniclastics in this interval are identical to those between 161.98 - 240.5 m. Pyrite occurs as blebs, elongate blebs and as thin laminations (1-2 mm). Cloudy white to light brown carbonate veins are sparse and between 1 to 15 mm wide. Carbonate veins show moderate to strong effervescence. Sericite alteration occurs on fractured surfaces, and locally infills pits.	
			170.68	171.27	0.59												CHL	M											White, medium grained quartz veins with light tan-brown 'biotite alteration'. Locally biotite and chlorite alteration have a skarnified appearance.	
			184.62	185.14	0.52																								Pyrite is tarnished and appears as fine grain, semi-crystalline elongate blebs	
			189.95	196.30	6.35										m	CHL	w	f												
			195.55	206.00	10.45	VCL/RHY																							Subrounded to rounded, black lithic fragments are scattered and range in size between 2 to 6 cm. Black fragments rub off a black shaley/graphitic coating on fingers. Layers hosting fragments are light grey and hard.	
			214.78	215.38	0.60	VCL/											CLY	w											Weakly clay altered and slightly gougy	

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION					MINERALS					Photo	DETAILED DESCRIPTION						
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	Oxidation	Carbonate	Silicification	Sericitic	Other		Pyrite			Other			Type	Intensity	Type	Intensity		
																	Type	Intensity				Type							Intensity	
			224.03	224.18	0.15	SHL														s										Black shaley layer with abundant pyrite. Pyrite is fine grained, and occurs as disseminations and blebs between 1-5 mm wide.
			226.71	228.70	1.99	RHY										w													Light greyish-pink, fine to medium grained, tuffaceous interbeds. Upper and lower contacts are diffuse and show a gradational change between units.	
			230.90	231.25	0.35	RHY												CLY	w										Weakly clay altered and slightly gougy.	
			236.38	238.14	1.76											m	CHL	w	f										White, medium grained quartz veins with light tan-brown 'biotite alteration'. Locally biotite and chlorite alteration have a skarnified appearance. Pyrite is tarnished and appears as fine grain, semi-crystalline elongate blebs. Numerous cross-cutting black shaley lenses that range in size between 5 to 8 cm.	
240.50	244.14	3.64				QTE/ RHY										m	CHL	w											Light grey, fine to medium grained, interbedded rhyolite and altered quartzite. Quartzite layers contain thin black laminations (sub-perpendicular TCA), sericite infilled seams, and patchy chloritic halos. Rhyolitic layers become more prominent towards EOH. Rhyolitic layers contain thin, black, aligned biotite crystals. Sericite and chlorite alteration occur alongside each other and appear syngenetic.	
EOH																														

Sample Log

Hole: OFF-10-01

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Comments
3.96	7.01	3.05	3.05	100	E146923	1	<0.005	0.4	3.0	14	23	47	
7.01	10.05	3.04	2.80	92	E146924	1	<0.005	0.4	4.0	16	15	96	
10.05	13.10	3.05	2.75	90	E146925	1	<0.005	0.3	7.0	17	15	89	
-	-	-	-	-	E146926	1	0.271	99.0	255.0	6380	9930	5040	Standard CDN-ME-6
13.10	16.15	3.05	3.00	98	E146927	1	<0.005	0.2	3.0	43	4	68	
16.15	19.20	3.05	3.05	100	E146928	1	<0.005	0.3	6.0	42	16	136	
19.20	22.25	3.05	2.90	95	E146929	1	<0.005	0.5	5.0	106	37	250	
22.25	25.29	3.04	3.04	100	E146930	1	<0.005	0.3	4.0	139	22	337	
25.29	28.34	3.05	3.05	100	E146931	1	<0.005	0.5	5.0	112	20	232	
-	-	-	-	-	E146932	1	<0.005	<0.2	<2	4	2	19	Blank
28.34	31.39	3.05	3.05	100	E146933	1	<0.005	0.2	69.0	145	18	200	
31.39	33.83	2.44	2.40	98	E146934	1	<0.005	0.4	2.0	157	5	222	
33.83	36.88	3.05	3.05	100	E146935	1	<0.005	0.4	48.0	108	11	284	
36.88	39.92	3.04	3.00	99	E146936	1	<0.005	<0.2	17.0	40	6	112	
39.92	42.98	3.06	3.04	99	E146937	1	<0.005	<0.2	2.0	40	9	31	
42.98	46.02	3.04	2.90	95	E146938	1	<0.005	<0.2	56.0	48	8	68	
46.02	49.07	3.05	2.85	93	E146939	1	<0.005	0.5	44.0	89	22	149	
49.07	52.12	3.05	3.05	100	E146940	1	<0.005	0.8	67.0	152	31	501	
49.07	52.12	3.05	3.05	100	E146941	1	<0.005	1.1	44.0	170	40	542	Duplicate
52.12	55.17	3.05	3.05	100	E146942	1	<0.005	0.9	4.0	131	41	432	
55.17	58.21	3.04	2.98	98	E146943	1	<0.005	0.4	15.0	174	8	558	
-	-	-	-	-	E146944	1	0.210	148	5580	2540	47000	48100	Standard CDN-ME-7
58.21	61.26	3.05	3.00	98	E146945	1	<0.005	0.3	36.0	134	16	765	
61.26	64.31	3.05	3.05	100	E146946	1	<0.005	0.2	98.0	48	10	171	
64.31	67.36	3.05	2.95	97	E146947	1	<0.005	0.3	39.0	45	11	207	
67.36	70.40	3.04	3.04	100	E146948	1	<0.005	0.4	89.0	73	20	131	
70.40	73.45	3.05	3.00	98	E146949	1	0.006	0.9	115.0	71	57	107	
73.45	76.50	3.05	2.95	97	E146950	1	<0.005	0.6	145.0	66	42	156	
76.50	79.55	3.05	3.05	100	E146951	1	<0.005	0.7	42.0	98	19	796	
-	-	-	-	-	E146952	1	<0.005	<0.2	<2	2	3	20	Blank
79.55	82.60	3.05	3.05	100	E146953	1	<0.005	0.5	55.0	54	8	140	
82.60	84.40	1.80	1.80	100	E146954	1	<0.005	0.3	97.0	46	5	58	
84.40	86.20	1.80	1.80	100	E146955	1	0.033	0.2	67.0	21	7	71	
86.20	87.45	1.25	1.25	100	E146956	1	<0.005	<0.2	24.0	79	6	209	

Sample Log

Hole: OFF-10-01

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Comments
87.45	88.45	1.00	0.85	85	E146957	1	<0.005	<0.2	19.0	57	5	85	
88.45	89.21	0.76	0.76	100	E146958	1	<0.005	0.4	42.0	288	6	630	Intensely oxidized
89.21	90.21	1.00	1.00	100	E146959	2	0.007	<0.2	86.0	42	9	127	
90.21	91.74	1.53	1.53	100	E146960	2	0.008	<0.2	100.0	27	17	44	
91.74	94.79	3.05	3.00	98	E146961	2	0.006	<0.2	74.0	32	6	64	
94.79	97.84	3.05	3.00	98	E146962	2	0.006	<0.2	55.0	28	<2	30	
97.84	100.89	3.05	3.05	100	E146963	2	<0.005	<0.2	16.0	90	<2	81	
100.89	102.06	1.17	1.12	96	E146964	2	0.013	<0.2	9.0	140	2	1485	
102.06	103.06	1.00	1.00	100	E146965	2	0.013	<0.2	<2	177	<2	448	
-	-	-	-	-	E146966	2	<0.005	0.2	<2	184	8	70	Blank
103.06	104.06	1.00	0.95	95	E146967	2	<0.005	<0.2	<2	2	<2	17	
104.06	106.98	2.92	2.90	99	E146968	2	<0.005	<0.2	2.0	106	2	48	
106.98	110.03	3.05	3.00	98	E146969	2	0.053	0.2	2.0	107	12	150	
-	-	-	-	-	E146970	2	2.150	14.8	28.0	5170	242	13150	Standard CDN-ME-2
110.03	113.08	3.05	3.05	100	E146971	2	<0.005	<0.2	4.0	156	2	130	
113.08	116.12	3.04	3.00	99	E146972	2	<0.005	<0.2	7.0	78	3	172	
116.12	117.15	1.03	1.03	100	E146973	2	<0.005	0.2	4.0	124	<2	454	
117.15	119.17	2.02	1.91	95	E146974	2	<0.005	0.2	2.0	92	2	33	
119.17	122.22	3.05	2.90	95	E146975	2	<0.005	<0.2	45.0	37	2	64	
122.22	125.27	3.05	3.05	100	E146976	2	<0.005	<0.2	3.0	144	<2	235	
122.22	125.27	3.05	3.05	100	E146977	2	<0.005	<0.2	2.0	145	<2	163	Duplicate
125.27	128.32	3.05	3.05	100	E146978	2	<0.005	0.2	4.0	81	<2	29	
128.32	131.36	3.04	2.97	98	E146979	2	<0.005	<0.2	<2	106	<2	302	
131.36	134.39	3.03	3.03	100	E146980	2	<0.005	0.3	3.0	106	3	56	
-	-	-	-	-	E146981	2	<0.005	<0.2	<2	3	<2	17	Blank
134.39	135.90	1.51	1.51	100	E146982	2	<0.005	<0.2	<2	103	<2	62	
135.90	138.00	2.10	2.10	100	E146983	2	<0.005	0.2	<2	53	<2	20	
138.00	141.00	3.00	3.00	100	E146984	2	0.008	<0.2	2.0	95	<2	50	
141.00	144.00	3.00	3.00	100	E146985	2	<0.005	<0.2	34.0	62	2	45	
-	-	-	-	-	E146986	2	0.235	154	6280	2520	49300	51900	Standard CDN-ME-7
144.00	147.00	3.00	3.00	100	E146987	2	<0.005	<0.2	23.0	42	5	27	
147.00	150.00	3.00	2.94	98	E146988	2	<0.005	0.3	10.0	71	103	116	
150.00	153.00	3.00	3.00	100	E146989	2	<0.005	0.2	<2	90	2	8	
153.00	156.00	3.00	2.91	97	E146990	2	<0.005	0.2	<2	221	7	47	

Sample Log

Hole: OFF-10-01

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Comments
156.00	159.00	3.00	3.00	100	E146991	2	0.044	<0.2	<2	114	<2	29	
159.00	162.00	3.00	3.00	100	E146992	2	<0.005	<0.2	5.0	104	<2	66	
162.00	165.00	3.00	3.00	100	E146993	2	0.012	<0.2	5.0	112	7	381	
165.00	167.23	2.23	2.23	100	E146994	2	0.011	0.2	<2	86	<2	22	
167.23	168.87	1.64	1.64	100	E146995	3	<0.005	0.2	7.0	131	2	309	
168.87	170.68	1.81	1.80	99	E146996	3	<0.005	0.2	4.0	84	3	53	
170.68	171.27	0.59	0.59	100	E146997	3	<0.005	0.4	5.0	147	<2	266	
-	-	-	-	-	E146998	3	<0.005	<0.2	<2	2	<2	18	Blank
171.27	172.27	1.00	1.00	100	E146999	3	<0.005	0.2	3.0	101	4	316	
172.27	174.04	1.77	1.75	99	E147000	3	<0.005	0	4	95	13	313	
174.04	177.08	3.04	3.04	100	J981450	3	<0.005	0.2	29.0	50	3	27	
177.08	180.13	3.05	3.05	100	J981451	3	<0.005	0.2	17.0	45	<2	68	
180.13	183.18	3.05	3.05	100	J981452	3	<0.005	0.3	<2	67	<2	53	
-	-	-	-	-	J981453	3	0.277	96.0	244.0	6090	9420	4750	Standard CDN-ME-6
183.18	184.62	1.44	1.44	100	J981454	3	<0.005	0.3	<2	72	2	41	
184.62	185.14	0.52	0.52	100	J981455	3	<0.005	0.2	<2	34	2	22	
185.14	186.23	1.09	1.09	100	J981456	3	<0.005	0.2	2.0	54	4	33	
186.23	189.28	3.05	3.05	100	J981457	3	<0.005	<0.2	3.0	41	6	41	
189.28	192.32	3.04	3.00	99	J981458	3	<0.005	0.2	4.0	54	9	31	
189.28	192.32	3.04	3.00	99	J981459	3	<0.005	0.2	4.0	51	10	48	Duplicate
192.32	195.37	3.05	3.05	100	J981460	3	<0.005	0.4	7.0	43	35	16	
195.37	198.42	3.05	3.05	100	J981461	3	<0.005	0.4	16.0	56	41	37	
198.42	201.47	3.05	3.05	100	J981462	3	<0.005	0.4	45.0	83	38	56	
-	-	-	-	-	J981463	3	<0.005	<0.2	<2	2	<2	19	Blank
201.47	204.52	3.05	3.05	100	J981464	3	<0.005	0.6	3.0	94	70	103	
204.52	207.56	3.04	3.04	100	J981465	3	<0.005	0.6	<2	136	51	118	
207.56	210.61	3.05	3.05	100	J981466	3	<0.005	1.2	2.0	128	178	218	
210.61	213.66	3.05	3.05	100	J981467	3	<0.005	0.5	69.0	56	76	125	
213.66	216.72	3.06	3.04	99	J981468	3	<0.005	0.8	5.0	95	109	148	
216.72	219.76	3.04	3.04	100	J981469	3	<0.005	1.0	<2	82	98	86	
-	-	-	-	-	J981470	3	2.160	15	26	4940	245	13050	Standard CDN-ME-2
219.76	222.81	3.05	3.05	100	J981471	3	<0.005	1.0	<2	89	101	128	
222.81	225.85	3.04	3.04	100	J981472	3	<0.005	1.1	3.0	63	162	196	
225.85	228.90	3.05	3.05	100	J981473	3	<0.005	0.5	<2	38	74	141	

Sample Log

Hole: OFF-10-01

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Comments
228.90	231.95	3.05	3.05	100	J981474	3	<0.005	0.6	5.0	42	56	387	
231.95	235.00	3.05	3.05	100	J981475	3	<0.005	0.3	4.0	81	6	19	
235.00	238.04	3.04	3.04	100	J981476	3	<0.005	0.3	7.0	57	21	53	
238.04	241.09	3.05	3.05	100	J981477	3	<0.005	0.6	6.0	76	164	97	
241.09	244.14	3.05	3.05	100	J981478	3	<0.005	0.2	5.0	26	19	75	

GEOTECHNICAL LOG

HOLE: OFF-10-01

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Comments
0.00	3.96	3.96	0.15	4	0	0			
3.96	5.48	1.52	1.53	101	1.40	92		FR	
5.48	7.01	1.53	1.52	99	1.06	69		FR	
7.01	8.53	1.52	1.38	91	1.10	72		FR	
8.53	10.05	1.52	1.40	92	0.95	62		FR	
10.05	11.58	1.53	1.23	80	0.71	46		FR	
11.58	13.10	1.52	1.50	99	0.75	49		FR	
13.10	14.63	1.53	1.45	95	1.10	72		FR	
14.63	16.16	1.53	1.45	95	1.15	75		FR	
16.16	17.67	1.51	1.46	97	1.23	81		FR	
17.67	19.20	1.53	1.55	101	1.45	95		FR	
19.20	20.72	1.52	1.53	101	1.48	97		FR	
20.72	22.25	1.53	1.55	101	1.45	95		FR	
22.25	23.77	1.52	1.50	99	1.13	74		FR	
23.77	25.29	1.52	1.55	102	1.55	102		FR	
25.29	26.82	1.53	1.53	100	1.53	100		FR	
26.82	28.34	1.52	1.48	97	1.48	97		FR	
28.34	29.87	1.53	1.50	98	1.43	93		FR	
29.87	31.39	1.52	1.35	89	0.85	56		FR	END OF NTW
31.39	33.83	2.44	2.27	93	2.00	82		FR	
33.83	36.88	3.05	3.06	100	2.83	93		FR	
36.88	39.92	3.04	3.05	100	2.86	94		FR	
39.92	42.98	3.06	3.07	100	2.29	75		FR	
42.98	46.02	3.04	2.93	96	0.69	23		FR	
46.02	49.07	3.05	3.00	98	2.86	94		FR	
49.07	52.12	3.05	3.06	100	2.71	89		FR	
52.12	55.17	3.05	3.05	100	2.72	89		FR	
55.17	58.21	3.04	3.02	99	3.02	99		FR	
58.21	61.26	3.05	3.07	101	3.07	101		FR	
61.26	64.31	3.05	3.06	100	2.45	80		FR	
64.31	67.36	3.05	3.00	98	1.46	48		FR	
67.36	70.40	3.04	2.87	94	1.56	51		FR	
70.40	73.43	3.03	3.08	102	1.22	40		FR	
73.43	76.50	3.07	3.04	99	2.76	90		FR	
76.50	79.55	3.05	3.05	100	2.84	93		FR	
79.55	82.60	3.05	3.05	100	2.89	95		FR	
82.60	85.64	3.04	3.01	99	2.73	90		FR	
85.64	88.69	3.05	2.80	92	1.34	44		FR	
88.69	91.74	3.05	2.95	97	2.30	75		SW	
91.74	94.79	3.05	3.08	101	2.88	94		FR	
94.79	97.84	3.05	2.96	97	2.80	92		FR	
97.84	100.89	3.05	2.93	96	2.37	78		FR	
100.89	103.93	3.04	3.09	102	2.97	98		FR	
103.93	106.98	3.05	3.06	100	3.00	98		FR	
106.98	110.03	3.05	3.03	99	2.88	94		FR	
110.03	113.08	3.05	3.04	100	2.90	95		FR	
113.08	116.12	3.04	3.05	100	2.64	87		FR	
116.12	119.17	3.05	3.02	99	2.81	92		FR	
119.17	122.22	3.05	3.04	100	0.70	23		FR	
122.22	125.27	3.05	3.02	99	2.42	79		FR	
125.27	128.32	3.05	3.00	98	3.00	98		FR	

MAGNETIC SUSCEPTIBILITY LOG

HOLE: OFF-10-01

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00			N/A	
2.00			N/A	
3.00			N/A	
4.00			0.23	
5.00			0.05	
6.00			0.07	
7.00			0.09	
8.00			0.14	
9.00			0.53	
10.00			0.05	
11.00			0.07	
12.00			0.07	
13.00			0.31	
14.00			0.05	
15.00			0.07	
16.00			0.07	
17.00			0.01	
18.00			0.03	
19.00			0.03	
20.00			0.03	
21.00			0.05	
22.00			0.10	
23.00			0.03	
24.00			0.01	
25.00			0.12	
26.00			0.05	
27.00			0.12	
28.00			0.01	
29.00			0.01	
30.00			0.03	
31.00			0.40	END OF HQ
32.00			0.05	
33.00			0.04	
34.00			0.04	
35.00			0.02	
36.00			0.65	
37.00			0.26	
38.00			0.18	
39.00			0.06	
40.00			0.08	
41.00			0.12	
42.00			0.08	
43.00			0.12	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
44.00			0.06	
45.00			0.04	
46.00			0.06	
47.00			0.20	
48.00			0.22	
49.00			0.96	
50.00			0.02	
51.00			0.12	
52.00			0.14	
53.00			2.64	
54.00			0.90	
55.00			0.14	
56.00			0.18	
57.00			0.04	
58.00			0.12	
59.00			0.06	
60.00			0.45	
61.00			0.18	
62.00			0.96	
63.00			1.37	
64.00			0.67	
65.00			0.08	
66.00			0.02	
67.00			0.02	
68.00			0.04	
69.00			0.06	
70.00			0.02	
71.00			0.24	
72.00			0.22	
73.00			0.02	
74.00			0.02	
75.00			0.02	
76.00			0.30	
77.00			0.04	
78.00			0.30	
79.00			0.14	
80.00			0.22	
81.00			0.10	
82.00			0.34	
83.00			1.61	
84.00			1.49	
85.00			0.20	
86.00			0.12	
87.00			0.24	
88.00			0.38	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
89.00			0.30	
90.00			0.10	
91.00			0.10	
92.00			0.12	
93.00			0.30	
94.00			0.08	
95.00			0.06	
96.00			0.06	
97.00			0.10	
98.00			0.16	
99.00			0.14	
100.00			0.08	
101.00			0.49	
102.00			0.38	
103.00			2.64	
104.00			0.55	
105.00			0.22	
106.00			0.08	
107.00			0.26	
108.00			0.10	
109.00			0.22	
110.00			0.61	
111.00			0.08	
112.00			0.08	
113.00			0.06	
114.00			0.47	
115.00			0.08	
116.00			0.38	
117.00			0.30	
118.00			1.35	
119.00			0.16	
120.00			0.14	
121.00			0.18	
122.00			0.10	
123.00			0.16	
124.00			0.73	
125.00			0.22	
126.00			0.12	
127.00			1.04	
128.00			0.71	
129.00			0.12	
130.00			0.18	
131.00			0.43	
132.00			0.26	
133.00			0.10	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
134.00			1.35	
135.00			0.34	
136.00			2.31	
137.00			0.08	
138.00			0.51	
139.00			0.16	
140.00			4.07	
141.00			0.26	
142.00			0.47	
143.00			0.32	
144.00			0.26	
145.00			0.02	
146.00			0.06	
147.00			0.02	
148.00			0.28	
149.00			0.14	
150.00			0.04	
151.00			0.28	
152.00			3.05	
153.00			1.00	
154.00			0.14	
155.00			0.26	
156.00			2.31	
157.00			0.14	
158.00			1.68	
159.00			2.52	
160.00			0.51	
161.00			0.22	
162.00			0.14	
163.00			0.43	
164.00			0.08	
165.00			0.36	
166.00			1.59	
167.00			2.43	
168.00			1.04	
169.00			0.16	
170.00			0.04	
171.00			0.59	
172.00			1.02	
173.00			0.79	
174.00			0.16	
175.00			0.47	
176.00			0.28	
177.00			0.16	
178.00			0.84	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
179.00			0.77	
180.00			0.16	
181.00			0.64	
182.00			0.45	
183.00			0.14	
184.00			0.47	
185.00			0.06	
186.00			0.02	
187.00			0.02	
188.00			0.16	
189.00			0.26	
190.00			0.12	
191.00			0.06	
192.00			0.02	
193.00			0.08	
194.00			0.08	
195.00			0.16	
196.00			0.06	
197.00			0.02	
198.00			0.08	
199.00			0.16	
200.00			0.24	
201.00			0.26	
202.00			0.02	
203.00			0.02	
204.00			0.10	
205.00			0.34	
206.00			0.12	
207.00			1.27	
208.00			1.33	
209.00			0.04	
210.00			0.57	
211.00			0.04	
212.00			0.08	
213.00			0.14	
214.00			0.75	
215.00			0.16	
216.00			0.12	
217.00			0.06	
218.00			1.27	
219.00			0.28	
220.00			0.02	
221.00			0.02	
222.00			0.65	
223.00			0.10	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
224.00			0.18	
225.00			0.04	
226.00			0.02	
227.00			0.02	
228.00			0.04	
229.00			0.24	
230.00			0.04	
231.00			0.06	
232.00			0.34	
233.00			0.02	
234.00			0.59	
235.00			0.63	
236.00			0.06	
237.00			0.06	
238.00			0.36	
239.00			0.00	
240.00			0.02	
241.00			0.02	
242.00			0.02	
243.00			0.04	
244.00			0.04	

EOH

BOX LOG

HOLE: OFF-10-01

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1	0.00	7.26	36	188.80	194.61
2	7.26	77.58	37	194.61	200.53
3	77.58	15.90	38	200.53	206.37
4	15.90	19.82	39	206.37	211.91
5	19.82	23.90	40	211.91	217.54
6	23.90	28.03	41	217.54	223.43
7	28.03	31.39	42	223.43	229.21
8	31.39	37.01	43	229.21	234.50
9	37.01	42.20	44	234.50	239.85
10	42.20	47.43	45	239.85	244.14
11	47.43	53.11	EOH		
12	53.11	58.91			
13	58.91	64.56			
14	64.56	70.00			
15	70.00	75.17			
16	75.17	80.95			
17	80.95	86.50			
18	86.50	92.21			
19	92.21	97.97			
20	97.97	103.72			
21	103.72	109.52			
22	109.52	115.30			
23	115.30	120.96			
24	120.96	126.41			
25	126.41	132.41			
26	132.41	137.89			
27	137.89	143.50			
28	143.50	148.87			
29	148.87	154.60			
30	154.60	160.20			
31	160.20	165.81			
32	165.81	171.43			
33	171.43	177.23			
34	177.23	183.18			
35	183.18	188.80			