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ASSESSMENT REPORT

describing

DIAMOND DRILLING

at the

NIKKI PROPERTY

Nikki 1-26	YC29867-YC29892
27-34	YC29969-YC29976
35-40	YC47495-YC47500

NTS 115K/02

Latitude 62°03'N; Longitude 140°58'W

Field work performed from July 10 to July 17, 2012

Located in the
Whitehorse Mining District
Southwestern Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

STRATEGIC METALS LTD.

by

N. Bueckert, B.Sc. Geology

February 2013

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INTRODUCTION

The Nikki property covers a porphyry copper-gold target located in southwestern Yukon, adjacent to its border with Alaska. The property is wholly owned by Strategic Metals Ltd.

This report describes a diamond drilling program that was performed from July 10 to July 17, 2012 under the management of Archer, Cathro & Associates (1981) Limited. The author participated in this program and interpreted all of its results. His Statement of Qualifications is provided in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Nikki property is located in southwestern Yukon at latitude 62°03' N and longitude 140°58' W on NTS map sheet 115K/02 (Figure 1). It comprises 40 contiguous mineral claims that cover an area of about 800 hectares (8 km²). The claims were staked under the Yukon Quartz Mining Act and are registered with the Whitehorse 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>
Nikki 1-26	YC29867-YC29892	March 17, 2022
27-34	YC29969-YC29976	March 17, 2022
35-40	YC47495-YC47500	March 17, 2021

* Expiry dates include 2012 work that has been filed for assessment credit but not yet accepted.

The drill program was conducted from the White River Lodge, which sits alongside the Alaska Highway, about 381 km by road west of Whitehorse and 18 km by air west-northwest of the property (Figure 1). Drill mobilization was performed with a Bell 204 helicopter owned and operated by Fireweed Helicopters Ltd. from its base in Dawson City, while demobilization was done with an A-Star B2 helicopter owned and operated by Trans North Helicopters of Whitehorse. Supply runs and daily access to and from the property were provided by a Bell 206B helicopter owned and operated by Capital Helicopters (1995) Inc. from the White River Lodge. The community of Haines Junction is the nearest supply centre. It lies on the Alaska Highway 223 km southeast of the property. The Alaska Highway is usable in all seasons by two wheel drive vehicles.

PREVIOUS WORK

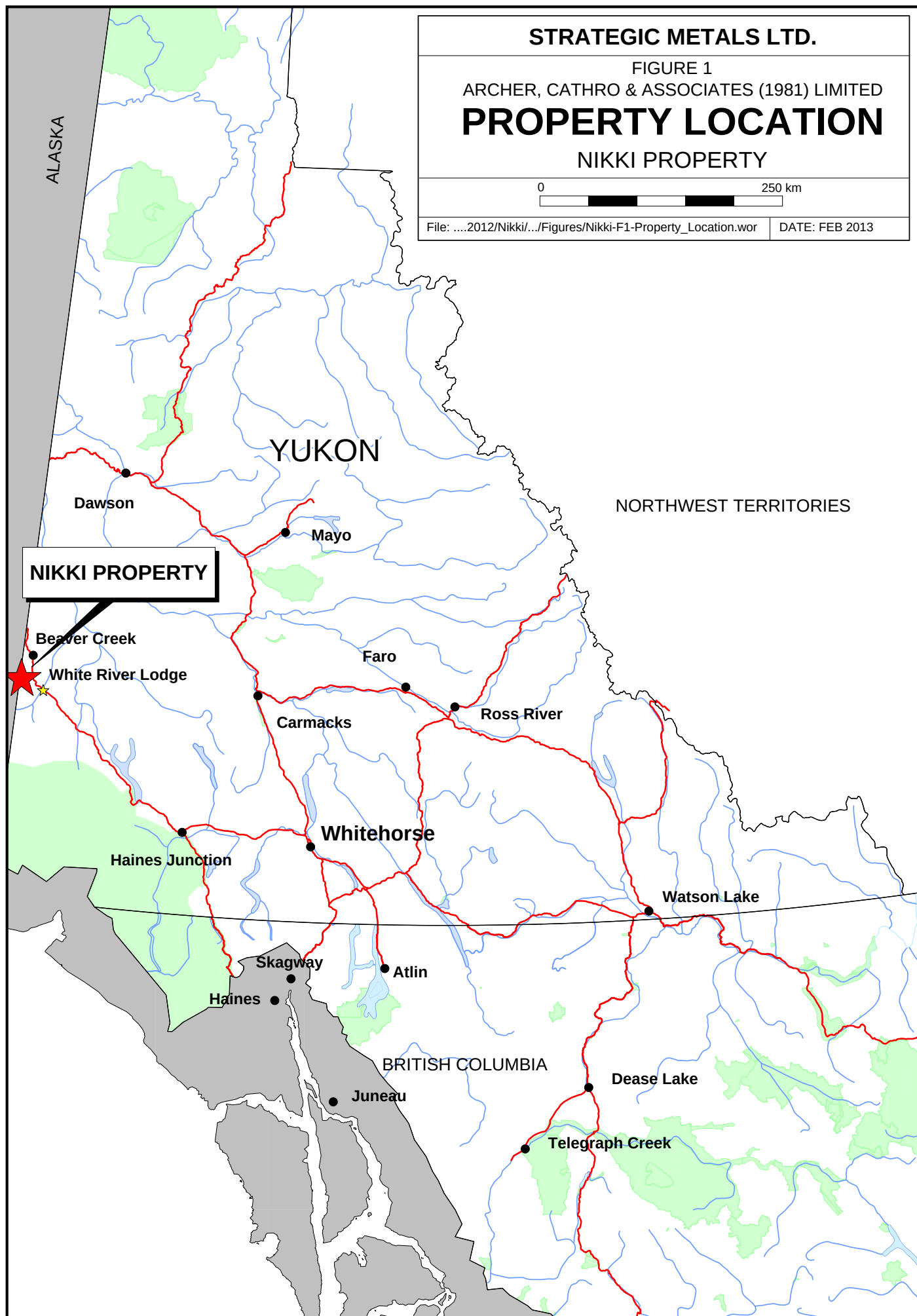
The area now covered by the Nikki property was first staked in 1910 and later restaked as the Trudi claims in 1968. In 1971, Quintana Minerals Corporation Ltd. optioned the Trudi claims and conducted grid soil sampling, geological mapping and 290.17 m of diamond drilling in two holes (Deklerk, 2003). Soil sampling done by Quintana identified an 1830 m long by 610 m wide zone of weakly to strongly anomalous copper values. One diamond drill hole (DDH 1) reportedly averaged 0.12% copper with 0.007% MoS₂ across 140.21 m, and the other hole

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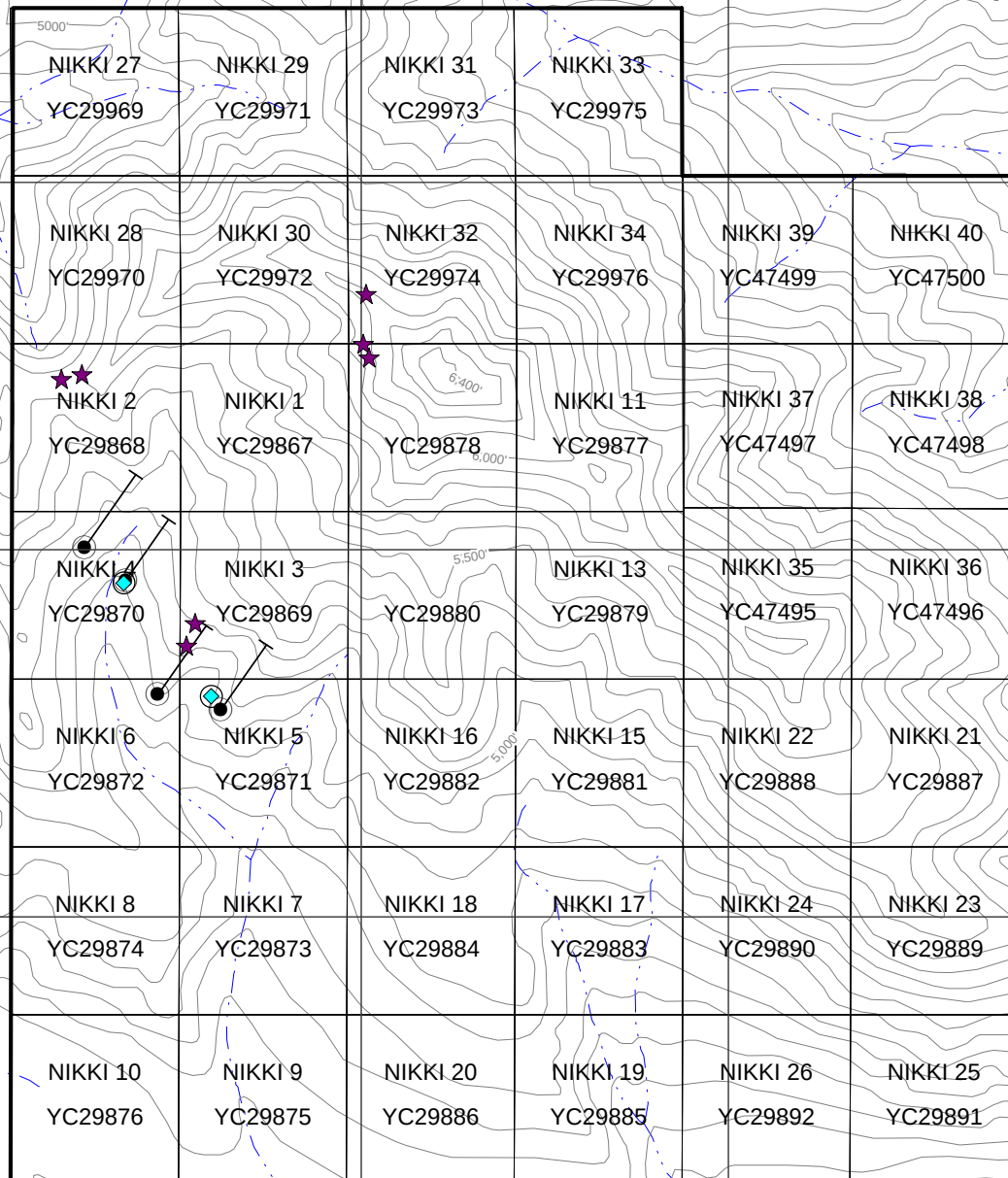
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
NIKKI PROPERTY

0 250 km

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CANADA / UNITED STATES BORDER



PROPERTY BOUNDARY

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FIGURE 2
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATIONS AND HISTORICAL WORKINGS

NIKKI PROPERTY

- 1971 diamond drillhole (AZM not known)
- 2010 diamond drill hole
- 2010 trench

0 1 km

UTM ZONE 7, NAD 83, 115K/02

File: 2012/Nikki/.../Figures/Nikki-F2-Claims.wor

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(DDH 2) graded 0.15% copper with 0.003% MoS₂ across 149.96 m. No drill logs or individual assays are available, and no assays were reported for gold from core or soil samples.

Government funded, regional silt sampling later returned elevated gold and copper values from a creek draining the property. Both gold and copper values are in the 98th percentile range, 134 ppb and 124 ppm respectively (Hornbrook, et al., 1986). Government funded, regional aeromagnetic surveys had previously identified a magnetic high in the headwaters of the geochemically anomalous creek.

In 2004, Archer Cathro restaked the area on behalf of ATAC Resources Ltd. and explored with prospecting, soil and silt sampling. A total of 49 rock, 399 soil, and 22 silt samples were collected. Anomalous gold and copper geochemistry was identified in a zone 850 by 250 m wide across the centre of the property (Dummala and Smith, 2005). An induced polarization survey, done later that year by Aurora Geoscience Ltd. of Whitehorse, outlined elongate northeasterly trending chargeability and resistivity anomalies in the area of elevated geochemical response (Power, 2004).

In 2006, Kria Resources Inc. optioned the property from ATAC and had Archer Cathro conduct another exploration program, which included prospecting, geological mapping, soil geochemistry and hand trenching (Eaton, 2007). A total of 1209 soil and 14 stream samples were collected to expand the 2004 grid and tighten the density of samples. Copper values were highest (500 to 2750 ppm) in an 1100 by 250 m wide zone encompassing an area of porphyry-style mineralization. The best gold values (50 to 1590 ppb) generally follow the main copper trend, but are offset slightly uphill to the north. Scattered high gold values (up to 611 ppb) were also identified northeast of the copper zone in the vicinity of precious metal bearing veins and skarn mineralization. Two short hand trenches were dug between the reported locations of the 1971 diamond drill holes. Continuous chip samples from these trenches, which are located 65 m apart, averaged 0.38% copper, 0.364 g/t gold and 1.6 g/t silver over 6 m and 0.47% copper, 0.194 g/t gold and 3.0 g/t silver over 8 m.

Strategic Metals purchased the property from ATAC in spring 2010. It completed an exploration program that summer, which included additional soil sampling, 1307.58 m of diamond drilling in four holes, and helicopter-borne radiometric and magnetic geophysical surveys that were flown by New-Sense Geophysics Limited of Aurora, Ontario and processed by Condor Consulting of Lakefield, Colorado. The soil sampling extended the area of grid coverage and discovered a narrow, northwesterly trending zone of moderately to strongly anomalous geochemical values (up to 2750 ppm copper, 1590 ppb gold, and 3950 ppm zinc) 800 m to the northeast of the main anomalous trend. The drill holes intersected several zones of weak copper-gold mineralization. The best interval was from the bottom of hole Nikki-10-02 and graded 0.13% copper and 0.076 g/t gold over 64 m. The magnetic and radiometric surveys outlined a southeasterly trending feature, which transects the property. Magnetic response approximately coincides with copper- and gold-in-soil geochemical anomalies. Radiometric highs flank the magnetic high and are attributed to potassic alteration.

GEOMORPHOLOGY AND VEGETATION

The Nikki property lies within the Nutzotin Range of the St. Elias Mountains, immediately southwest of the Shakwak Trench. The property lies in an alpine setting and is centred on a major ridge that trends east-west with series of spurs radiating from it. Local elevations range from about 1950 m atop the central ridge to 1160 m along a creek in the southeastern corner of the property. Recent valley glaciation is marked by lateral moraines, the tops of which are at about 1250 m. Outcrop occurs mostly near ridge crests and along actively eroding creeks. Upper slopes are predominantly talus covered and average about 30°. Gentler slopes in the southern part of the property are typically soil or till covered. The lower areas are vegetated with grass, buckbrush, stunted spruce and dwarf birch.

Creeks draining the property contain enough water to support diamond drilling, but long waterlines are required to reach some areas. Streams draining the southern and eastern parts of the property flow into Beaver Creek, a tributary of White River.

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

REGIONAL GEOLOGY

The Nikki property is located within Wrangellia, a Paleozoic to Early Mesozoic volcanic arc complex that was accreted to North America in Mid-Jurassic times (Figure 3). The property lies between two major, high angle faults: the Denali Fault located about 10 km to the northeast; and, a smaller unnamed fault located directly south of the property, which is one of a series of secondary structures that approximately parallel the Denali Fault. Movement on the Denali Fault involved hundreds of kilometres of dextral strike-slip. Sense of motion on the smaller fault is unknown.

The regional stratigraphy consists of: 1) Pennsylvanian to Lower Permian Skolai Group (CPS1) including tuff breccia, argillite, agglomerate and basaltic to andesitic flows of the Station Creek Formation and thin bedded argillite, siltstone, minor greywacke and conglomerate, local basaltic flows, breccias and tuffs of the overlying Hasen Creek Formation; 2) Upper Triassic Nikolai Formation (uTrN) basalt and andesite flows; and, 3) Lower Cretaceous Dezadeash Formation (JKD1) fine grained clastic sediments (YGS, 2012). The Yukon Geological Services maintains a website that updates Yukon geology as new data becomes available.

The stratified units are intruded by Late Early Cretaceous, Kluane Ranges Suite stocks and dykes of granodiorite to diorite composition and Miocene plugs and dykes of intermediate to felsic composition.

The Denali Fault juxtaposes Wrangellia against units belonging to the Yukon-Tanana Terrane. The unnamed fault immediately south of the property separates predominantly Skolai Group

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FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

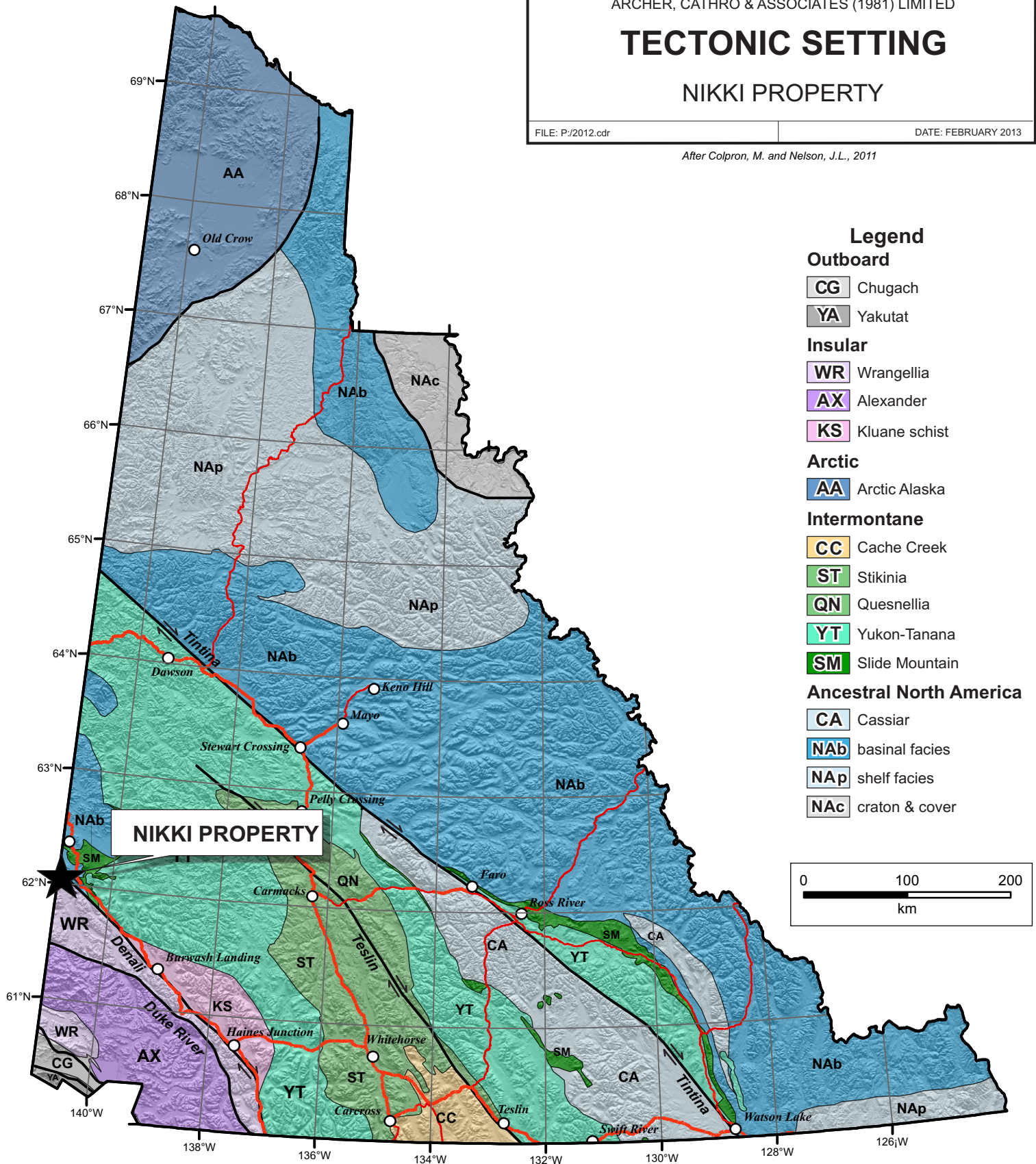
TECTONIC SETTING

NIKKI PROPERTY

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



rocks to the north from younger stratigraphy to the south. Generalized geology in the vicinity of the property is shown on Figure 4.

PROPERTY GEOLOGY

Property-scale geological mapping of the Nikki property was conducted by Archer Cathro crews in 2004 and 2006. In July 2010, R. Cobbett of the Yukon Geological Survey performed detailed mapping in the immediate drill area. The property-scale mapping is illustrated on Figure 5.

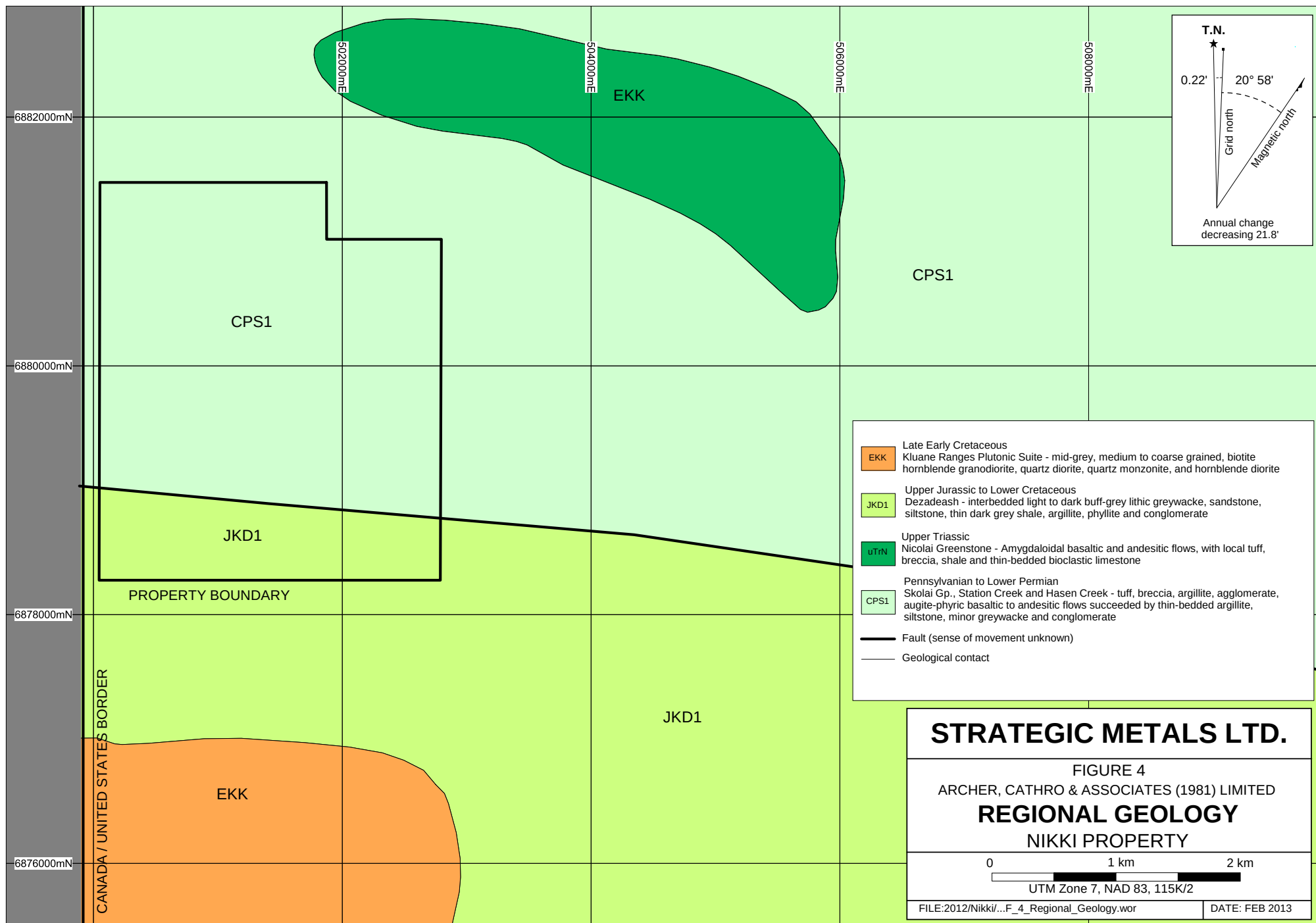
The oldest known rocks on the Nikki property belong to the Hasen Creek Formation (PHc) and consist primarily of siliceous argillite with interbedded mudstone and rare lenses of limestone. Within the Hasen Creek argillite is a tabular 1300 by 300 m unit of very fine grained banded tuff and volcanoclastic sandstone. A 150 by 50 m area of skarn, which caps the highest peak on the property, is likely a xenolith of limestone that is strongly altered to a coarse grained mixture of epidote, chlorite and tremolite. Non-limy sections of the Hasen Creek Formation are extensively altered to rusty weathering hornfels.

The most abundant intrusive unit is medium grained plagioclase-hornblende diorite thought to belong to Kluane Ranges Plutonic Suite. This diorite forms two easterly trending bodies that intrude Hasen Creek argillite at the northern and southern ends of the property. The northern body is up to 500 m wide and was traced for 2200 m along strike before continuing further to the east, off of the property. The southern body is only exposed intermittently in outcrop but is projected to extend across the entire width of the property. It is up to 300 m thick and at least 3000 m long.

The second most abundant intrusive unit is a granodiorite-diorite complex belonging to the Kluane Ranges Plutonic Suite. It reaches a maximum width of 900 m and has been traced about 2300 m along strike, before extending westward into Alaska. This unit is strongly porphyritic with modally abundant plagioclase, minor quartz, and trace hornblende in a fine grained pale grey-green matrix. The granodiorite is commonly clay altered along fractures and weathers yellow-orange. Rounded fragments (<1 cm) of bleached and strongly pyritic diorite are observed to comprise up to 5% of the rock. Near the western edge of the property, a 1200 by 300 m area of granodiorite with abundant secondary magnetite lies adjacent to a 200 by 600 m zone of potassic alteration. Calcite-pyrite veinlets are abundant in the granodiorite-diorite complex and range from one to eight millimetres wide.

Dark green to black, fine to medium grained gabbro plugs and sills are scattered across the property. They commonly cut diorite and argillite, and locally intrude granodiorite. The gabbro bodies are all less than 100 m wide and do not exceed 200 m in length.

The youngest unit on the property is quartz-feldspar porphyry, which is thought to belong to Wrangell Suite (Mw). The porphyry unit intrudes all previously mentioned units and forms a plug near the northern edge of the property about 400 m wide and more than 500 m long. The quartz-feldspar porphyry typically contains about 20% quartz and feldspar phenocrysts in a very fine grained, greenish blue-grey matrix. The phenocrysts are up to one centimetre across.



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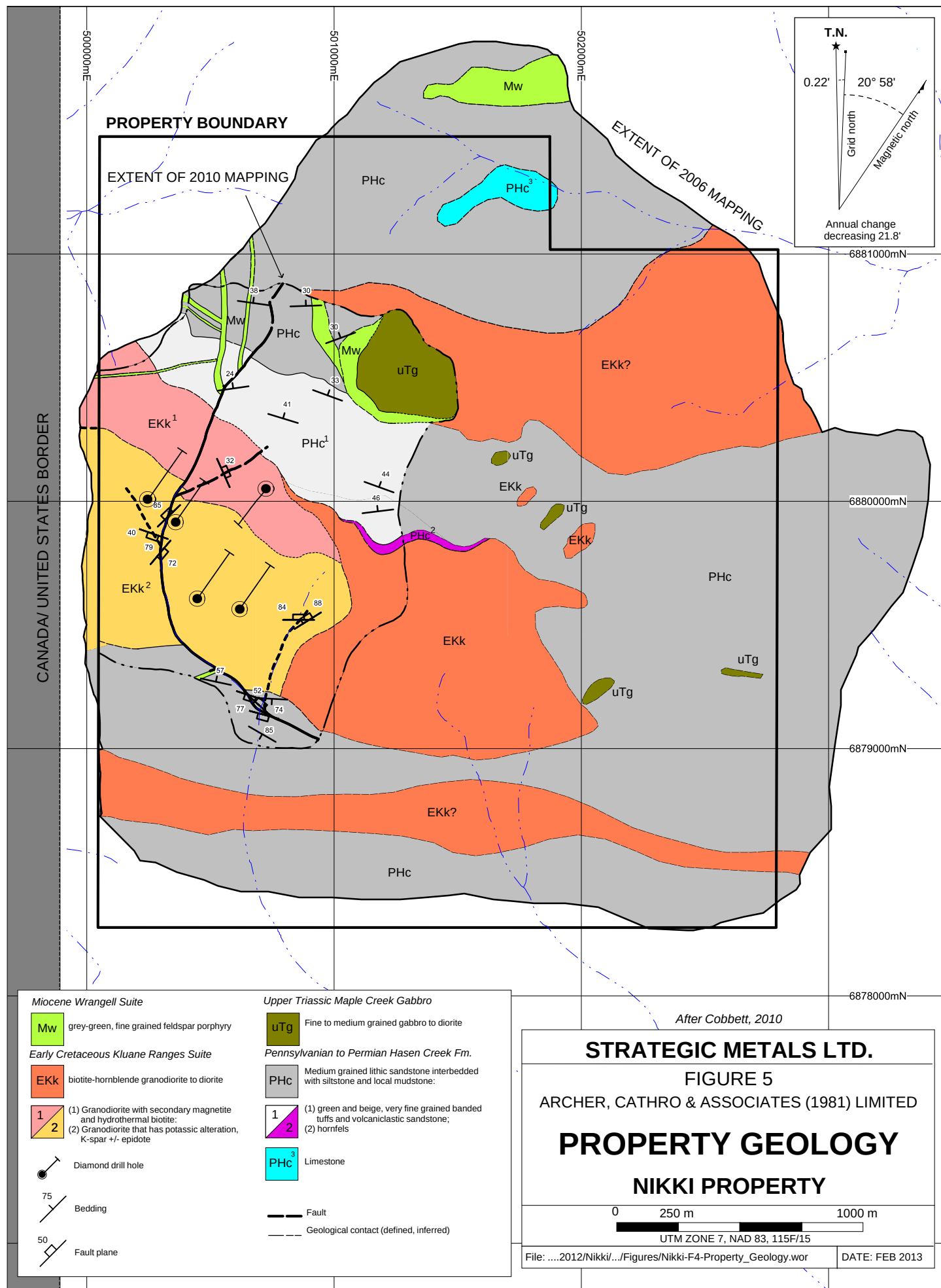
FIGURE 4
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
REGIONAL GEOLOGY
NIKKI PROPERTY

0 1 km 2 km

UTM Zone 7, NAD 83, 115K/2

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Bedding within the Hasen Creek Formation strikes northwesterly and dips shallowly to the north in the northern half of the property and moderately to the south in the southern half of the property. These opposite dipping beds suggest that the Kluane Ranges Plutonic Suite intruded along an anticlinal axis that trends northwesterly across the property.

Kluane Ranges intrusions and Hasen Creek sedimentary units are offset by a brittle fault that is near vertical and strikes northerly through the drill area, before bending to the east at both ends. Several fault splays extent from the main fault at 45° angles.

Small shear structures (two metres wide) are reported on the property. These structures dip steeply and characteristically contain gouge. Quartz-sulphide vein float is common, and where observed in bedrock, the veins are about 10 cm wide, strike northeasterly and dip steeply.

MINERALIZATION

The porphyry-style mineralization exposed at the Nikki property is hosted by relatively high level units of the Kluane Ranges Plutonic Suite. Fracture filling pyrite, chalcopyrite and their oxidized equivalents (limonite, malachite and azurite) occur in a northwesterly elongated zone that is about 800 m long by 300 m wide. This zone is flanked on the northeast side by a few small skarn zones and by precious metal enriched veins and shears. The southwestern side of the zone is mostly covered by talus or glacial material.

There are relatively few outcrop exposures of the fracture filling, porphyry-style mineralization. Where observed at surface, the host rocks exhibit pervasive propylitic alteration with localized areas of argillic alteration. Fractures are typically limonitic and less frequently copper stained. Residual sulphide grains are common in some exposures, especially along rapidly eroding creek banks.

In 2006, two hand trenches were dug to bedrock on a grassy ridge about midway between the reported locations of the two 1971 diamond drill holes (Figure 2). Three chip samples along the length of one trench averaged 0.38% copper, 0.364 g/t gold and 1.6 g/t silver over six metres. Five chip samples from the other trench graded 0.47% copper, 0.194 g/t gold and 3.0 g/t silver over eight metres.

Prospecting and hand trenching in 2006 along the ridge top 500 to 1000 m northeast of the above mentioned trenches identified scattered vein and shear hosted mineralization. Grab samples and chip samples from this type of material typically graded 0.1 to 1.0 g/t gold and 1 to 10 g/t silver. Two chip samples across the best vein exposed by hand trenching averaged 0.898 g/t gold and 3.8 g/t silver over two metres.

Prospecting along the ridge top also identified one area of chalcopyrite bearing skarn. A hand trench dug across this target in 2006 exposed an area of highly fractured bedrock, from which a two metre long chip sample returned 11.95 g/t gold and 7.0 g/t silver.

DIAMOND DRILLING

Diamond drilling in 2012 consisted of one hole that reached a depth of 297.79 m. The hole was terminated short of its target depth due to poor ground conditions and power limitations of the drill. Drilling started on July 10 and finished on July 17, 2012. Beaudoin Diamond Drilling Ltd. of Courtney, BC was contracted to carry out the work with a helicopter-portable JKS 300 drill using BTW equipment. The drill was set up on platforms of 8" by 8" timbers covered with 2" by 8" planks. The platforms were constructed on a site dug by hand into the hillside. The drill collar location is shown on Figure 6.

Drill core was transported from the property by helicopter to a temporary storage area at the White River Lodge. The core was later transported, via truck, to the Archer Cathro compound in Whitehorse, where it was logged and sampled. Samples to be analyzed were stored in the Archer Cathro compound until they were taken to a preparation laboratory operated by ALS Minerals in Whitehorse. Each sample was dried, fine crushed to better than 70% passing -2 mm and then a 250 g split was pulverized to better than 85% passing 75 micron. The fine fractions were sent to ALS Minerals in North Vancouver, BC, where they were analyzed for gold using fire assay followed by inductively coupled plasma-atomic emission spectroscopy analysis and analyzed for 35 other elements using an aqua regia digestion and inductively coupled plasma-atomic emission spectroscopy analysis (Au-AA24 and ME-ICP41). Certificates of Analysis are given in Appendix II.

Samples for assay were divided into 36 sample batches with each batch including two blank samples, two standard samples, one duplicate sample, and one coarse reject duplicate sample. All blank, standard and duplicate samples returned results that were acceptable under QA/QC protocols.

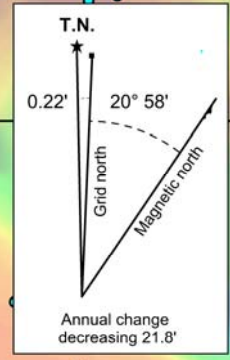
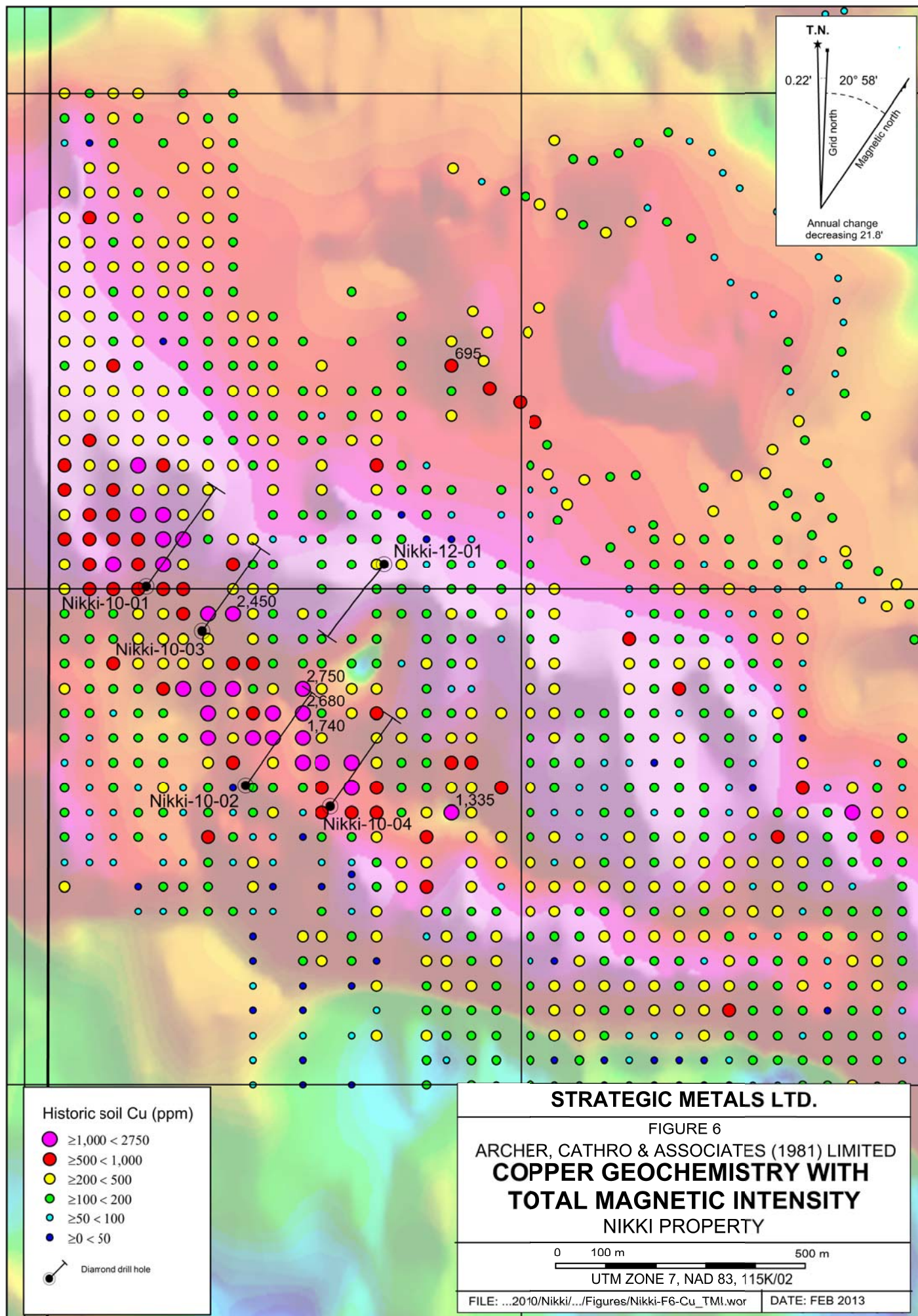
Following completion of core processing, core was delivered to the H.S. Bostock core facility in Whitehorse for storage. Appendix III contains the Geological and Geotechnical Logs. Drill hole information is presented on Table I below.

Table I – Diamond Drill Hole Information

Hole Number	Easting (m)	Northing (m)	Azimuth	Dip	Depth (m)
Nikki-12-01	500725	6880050	215	-55	297.79

Hole **Nikki-12-01** was designed to test across the mineralized zone identified in 2010. The hole was meant to scissor with Nikki-10-02, which was collared approximately 525 m to the southwest, but as mentioned, it was terminated short of its target.

Drilling intercepted three main lithological units: 1) massive, coarse grained, plagioclase-rich diorite with abundant magnetite; 2) coarse grained to porphyritic granodiorite; and, 3) plagioclase crowded feldspar porphyry. Moderate to intense alteration is widespread in the three major units making contact relationships and primary composition of the units difficult to distinguish. Thin mafic dykes intrude the porphyritic unit near the bottom of the hole. The diorite and granodiorite units are assigned to Kluane Ranges Suite and the porphyry unit is



695

Nikki-12-01

Nikki-10-01

2,450

Nikki-10-03

2,750

2,680

1,740

Nikki-10-02

Nikki-10-04

1,335

assigned to Wrangell Suite as outlined in Table II. Figure 7 is a section illustrating geology in hole Nikki-12-01.

Table II – Lithological and Drill Log Units

Regional Unit	Drill Log Unit	Description
na	mafic dyke (MAF)	Black, aphanitic, magnetite-rich, calcareous mafic dyke. Calcite stringers are common. Red stained fracture surfaces (hematite?).
Wrangellia Suite Feldspar Porphyry (Mw)	feldspar porphyry (FP)	Dark grey, massive, coarse grained, plagioclase crowded feldspar porphyry.
Kluane Ranges Granodiorite (EKk ²)	granodiorite (GRD)	Light to dark grey, greenish-black specked, massive to porphyritic, coarse grained, granodiorite.
Kluane Ranges Diorite (EKk ¹)	diorite (DIO)	Dark grey to light green, massive, coarse grained plagioclase diorite. Local chlorite and potassic feldspar present. Interstitial, locally clotty primary magnetite present, secondary magnetite throughout.

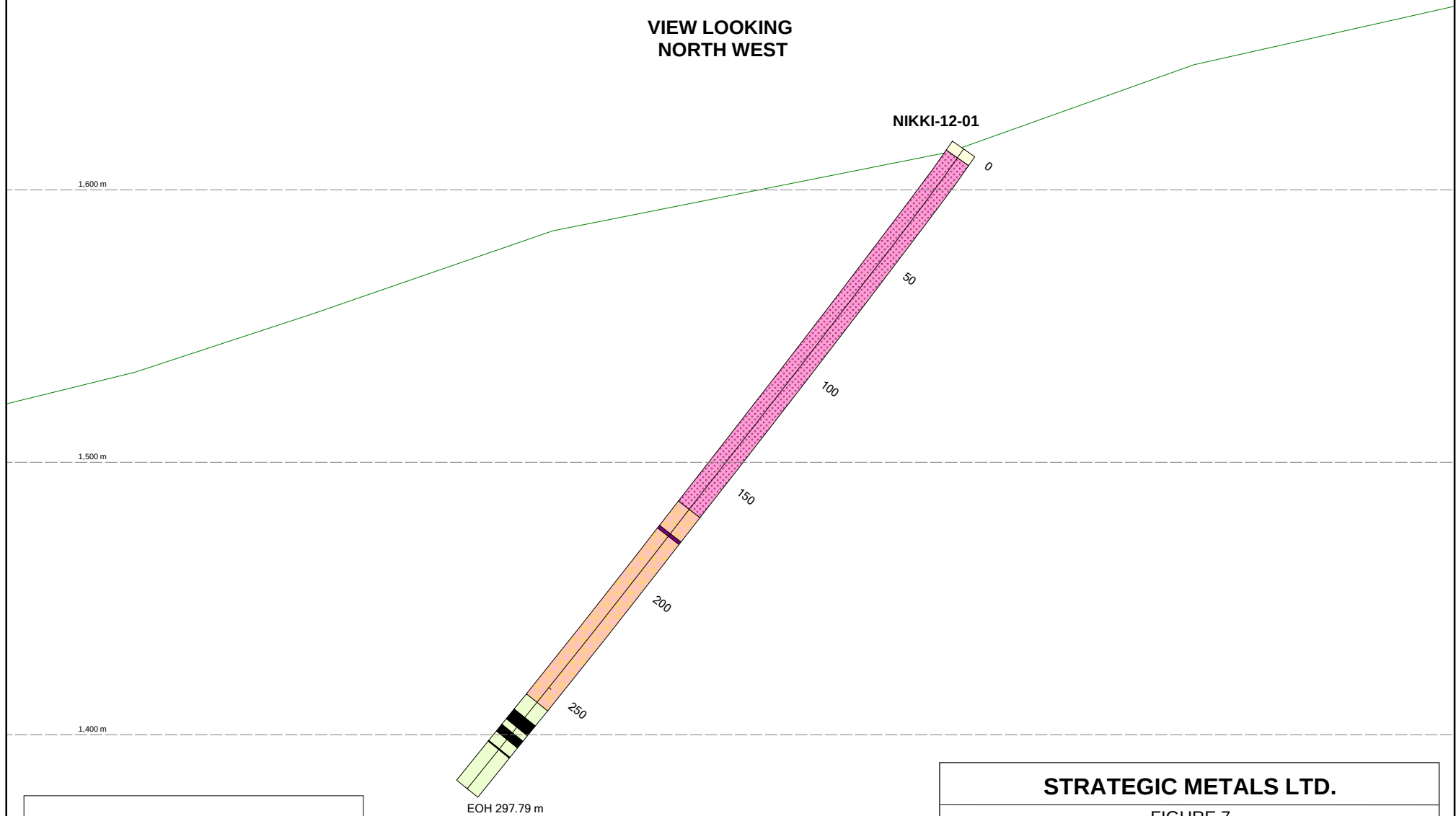
At the top of the hole, strong potassic alteration is developed in diorite (DIO) and is characterized by abundant secondary magnetite with local potassium feldspar overprinting and secondary biotite. Transitional potassic-propylitic alteration as well as propylitic±phyllic alteration (identified by chlorite-pyrite±quartz assemblages and quartz-pyrite veinlets) are well-developed in diorite further downhole. A relatively narrow zone of strong silicification marks the appearance of granodiorite (GRD), while pervasive phyllic alteration (recognized by pyrite-sericite±quartz assemblages) continues downward. Long intervals of bleaching are common in this section. Near the hole bottom, feldspar porphyry (FP) is strongly to intensely phyllic altered and thoroughly bleached.

The drill hole successfully expanded a zone of copper mineralization that was first identified in Nikki-10-02, but it unfortunately had to be terminated well short of its target depth. The mineralized zone occurs in the last 50 m of the hole and is hosted in intensely phyllic altered granodiorite and feldspar porphyry. The best interval graded 0.16% copper and 0.064 g/t gold over 13.37 m. Table III provides a list of significant intercepts.

Table III – Significant Nikki-12-01 Intercepts

Hole ID	From (m)	To (m)	Interval (m)	Copper (ppm)	Gold (ppb)
Nikki-12-01	245.01	297.79	52.78	1123	47
including	245.01	258.38	13.37	1600	64
and including	246.46	249.20	2.74	2144	73
including	274.55	291.70	17.15	1426	54
and including	277.10	278.68	1.58	3240	41

VIEW LOOKING
NORTH WEST



-  DIO - Diorite (magnetite-flooded)
-  GRD - Granodiorite (massive to porphyritic)
-  FP - Feldspar Porphyry
-  MAF - Mafic dyke

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FIGURE 7

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GEOLOGICAL SECTION

NIKKI-12-01

NIKKI PROPERTY

0 100 m

UTM ZONE 7, NAD 83, 115K/02

FILE: ...2013/Nikki/...F_7_Geological_Section

DATE: FEB 2013

The zone hosting the copper mineralization features intervals with: abundant disseminated pyrite; pyrite stringers; netted white quartz veinlets; local quartz veins (<3 cm); and clayey vein gouge. A 90 cm wide crackle breccia appears at the contact of a mafic dyke that hosts disseminated pyrite and locally massive, intergrown pyrite and chalcopyrite. All of the lithologies are highly fractured throughout the hole, but extensive fault gouge, which was common in Nikki-10-02, was not present. Copper and gold grades from individual intervals in Nikki-10-02 and Nikki-12-01 are illustrated as histograms on Figures 8 and 9.

DISCUSSION AND CONCLUSIONS

The Nikki property lies within the Wrangellia Terrane, which hosts a number of alkali-type porphyry deposits and fracture-hosted and replacement-style copper deposits. The property covers porphyry-style copper and gold mineralization associated with Cretaceous or younger intrusions that cut a Permo-Triassic island arc assemblage. Granodioritic to dioritic intrusions were emplaced in an extensional environment that followed accretion of Wrangellia to North America. The position of the property within Wrangellia, its proximity to large structural features and other nearby porphyry and skarn deposits enhances the potential for exploration success.

Previous work has identified fracture-hosted copper and gold mineralization at surface, and fault and fracture-hosted mineralization at depth. Diamond drilling in 2012 continued to outline the mineralization zone, but it did not intersect economic grades. Alteration observed in the silica-undersaturated host rocks supports an alkali-style porphyry model.

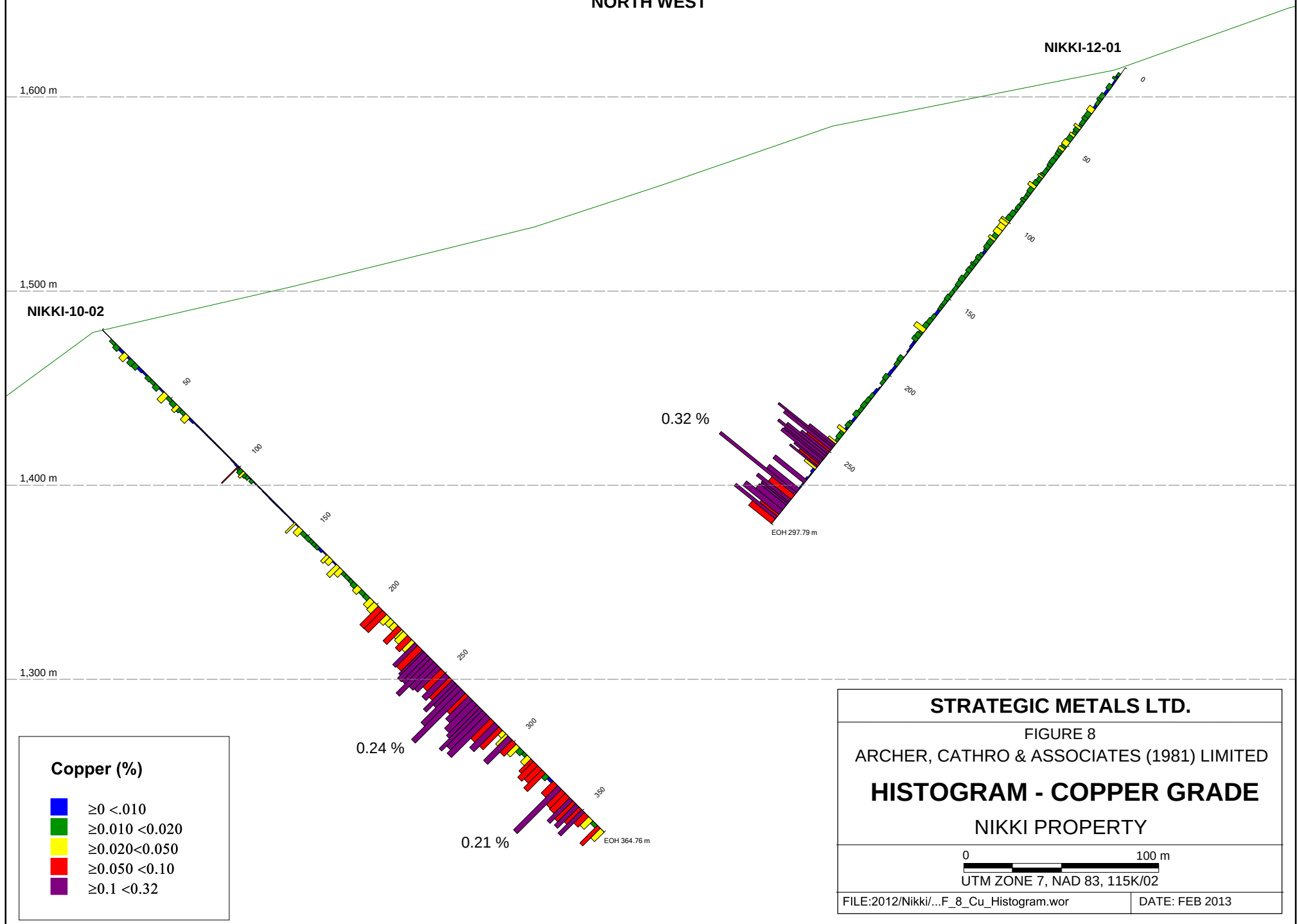
The Nikki property warrants more exploration because the zone of mineralization remains open along strike and to depth. Future work should include: re-evaluation of historical chargeability/resistivity data; and, drill testing of magnetic lows located directly south and southeast of Nikki-12-01.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

N. Bueckert, B.Sc. Geology

VIEW LOOKING
NORTH WEST



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FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

HISTOGRAM - COPPER GRADE

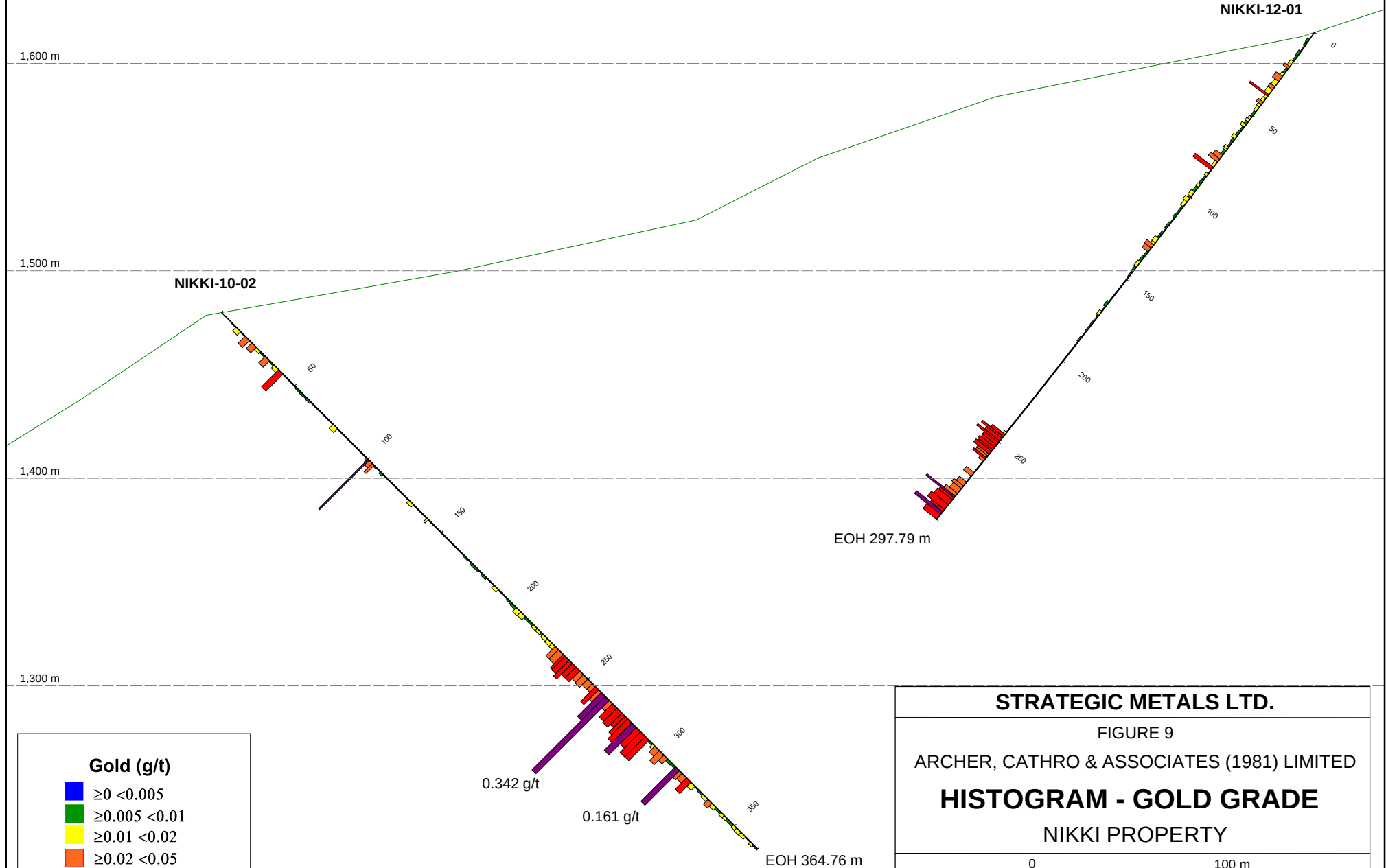
NIKKI PROPERTY

0 100 m
UTM ZONE 7, NAD 83, 115K/02

FILE:2012/Nikki/...F_8_Cu_Histogram.wor

DATE: FEB 2013

VIEW LOOKING
NORTH WEST



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FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

HISTOGRAM - GOLD GRADE

NIKKI PROPERTY

0 100 m

UTM ZONE 7, NAD 83, 115K/02

FILE:2012/Nikki/...F_9_Au_Histogram.wor

DATE: FEB 2013

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2004 Induced Polarization Survey at the Nikki Property, Southwestern Yukon Territory; Unpublished report for ATAC Resources Ltd.
- Yukon Geological Survey
2012 Map Viewer Online; <http://mapservices.gov.yk.ca/YGS/WebMap.aspx>.

APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Nicholas Bueckert, geologist, with business addresses in Vancouver, British Columbia and Whitehorse, Yukon Territory and residential address in Squamish, British Columbia do hereby certify that

1. I graduated from the University of British Columbia in 2012 with a B.Sc. Honours in Geological Sciences.
2. From 2011 to present, I have been actively engaged in mineral exploration in the Yukon Territory and British Columbia.
3. I have personally participated in the fieldwork reported herein and have interpreted all data resulting from this work.

N. Bueckert, B.Sc. Geology

APPENDIX II

CERTIFICATES OF ANALYSIS



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

To: **STRATEGIC METALS LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Page: 1
Finalized Date: 14- OCT- 2012
Account: MTT

CERTIFICATE WH12227179

Project: Nikki

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2- OCT- 2012.

The following have access to data associated with this certificate:

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

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

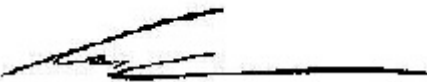
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

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



ALS Canada Ltd.

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Page: 2 - A

Total # Pages: 2 (A - C)

Finalized Date: 14- OCT- 2012

Account: MTT

Project: Nikki

CERTIFICATE OF ANALYSIS WH12227179

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
M653128		3.15	0.008	<0.2	2.55	3	<10	60	<0.5	<2	2.30	<0.5	15	15	101	4.44
M653129		1.42	0.007	<0.2	2.47	2	<10	100	<0.5	<2	1.87	<0.5	18	16	99	4.58
M653130		2.31	0.007	<0.2	2.97	3	<10	60	<0.5	<2	2.81	<0.5	17	17	163	5.09
M653131		5.68	<0.005	<0.2	2.84	<2	<10	30	<0.5	<2	2.79	<0.5	12	40	55	4.44
M653132		5.61	0.009	0.2	2.68	<2	<10	50	<0.5	<2	2.35	<0.5	21	26	149	5.23
M653133		0.05	0.820	7.1	1.28	8350	170	30	<0.5	205	5.54	1.0	74	19	3310	3.04
M653134		5.73	0.006	<0.2	2.85	5	<10	50	<0.5	<2	2.62	<0.5	16	19	91	4.81
M653135		5.34	0.012	<0.2	3.97	<2	<10	20	<0.5	<2	3.88	<0.5	20	19	157	5.25
M653136		2.22	0.021	<0.2	3.74	4	<10	20	<0.5	<2	5.68	<0.5	17	16	169	4.72
M653137		5.19	0.008	<0.2	3.34	3	<10	60	<0.5	<2	3.21	<0.5	16	18	114	4.80
M653138		<0.02	0.012	<0.2	3.32	3	<10	60	<0.5	<2	3.26	<0.5	17	19	120	4.92
M653139		3.09	0.011	<0.2	4.33	<2	<10	20	<0.5	<2	4.81	<0.5	14	18	93	4.44
M653140		5.65	0.026	<0.2	2.59	7	<10	30	<0.5	<2	2.50	<0.5	17	14	226	5.28
M653141		5.69	0.016	<0.2	2.42	<2	<10	50	<0.5	<2	2.20	<0.5	18	19	181	5.09
M653142		0.04	0.789	9.2	1.30	8530	170	30	<0.5	217	5.71	1.0	76	20	3420	3.10
M653143		3.59	0.020	<0.2	2.29	4	<10	40	<0.5	<2	1.88	<0.5	18	18	188	5.01
M653144		5.55	0.019	<0.2	2.47	2	<10	40	<0.5	<2	2.07	<0.5	16	19	142	4.70
M653145		1.76	0.076	1.1	1.73	15	<10	30	<0.5	<2	4.73	4.6	61	7	116	13.05
M653146		4.31	<0.005	<0.2	0.04	<2	<10	40	<0.5	2	20.2	<0.5	<1	<1	2	0.49
M653147		2.59	0.010	<0.2	3.30	3	<10	80	<0.5	<2	3.69	<0.5	19	45	255	5.26
M653148		2.92	0.012	<0.2	3.26	5	<10	50	<0.5	<2	3.07	<0.5	19	27	184	5.52
M653149		2.79	0.021	<0.2	2.13	<2	<10	70	<0.5	<2	1.88	<0.5	16	22	145	4.88
M653150		2.38	0.013	<0.2	2.85	2	<10	70	<0.5	<2	2.70	<0.5	16	20	202	5.06
M650044		0.91	0.009	<0.2	2.58	2	<10	70	<0.5	<2	2.24	<0.5	15	19	167	4.79
M650045		5.31	0.010	<0.2	3.29	3	<10	80	<0.5	<2	2.61	<0.5	18	43	189	5.02
M650046		5.65	0.007	<0.2	3.17	<2	<10	40	<0.5	<2	2.46	<0.5	16	39	214	5.03
M650047		2.91	0.010	<0.2	2.75	<2	<10	40	<0.5	<2	2.75	<0.5	21	17	186	4.89
M650048		1.25	0.013	0.2	4.00	5	<10	20	<0.5	<2	4.01	<0.5	24	25	215	5.27
M650049		2.30	0.009	<0.2	4.74	2	<10	10	0.5	<2	4.62	<0.5	25	19	193	6.12
M650050		1.98	0.017	0.2	3.02	3	<10	40	<0.5	<2	2.64	<0.5	21	17	182	5.57
M354701		2.27	0.006	<0.2	2.74	<2	<10	40	<0.5	<2	2.75	<0.5	19	18	159	5.40
M354702		4.23	<0.005	<0.2	0.02	<2	<10	10	<0.5	<2	19.6	<0.5	<1	<1	1	0.45
M354703		4.82	0.008	<0.2	2.58	4	<10	40	<0.5	<2	2.31	<0.5	21	16	178	5.08
M354704		2.81	0.015	0.2	3.25	3	<10	40	<0.5	<2	3.01	<0.5	21	15	163	5.11
M354705		2.20	0.009	<0.2	2.83	4	<10	60	<0.5	<2	2.82	<0.5	18	17	128	4.92
M354706		4.41	0.006	0.3	2.80	5	<10	40	<0.5	<2	3.45	<0.5	22	16	132	5.39



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Page: 2 - B
Total # Pages: 2 (A - C)
Finalized Date: 14- OCT- 2012
Account: MTT

Project: Nikki

CERTIFICATE OF ANALYSIS WH12227179

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
M653128		10	<1	0.08	10	0.84	387	<1	0.19	9	1270	5	0.23	<2	4	240
M653129		10	<1	0.07	<10	0.84	332	1	0.21	7	1030	6	0.59	<2	5	400
M653130		10	<1	0.10	<10	0.91	476	<1	0.22	7	1330	6	0.45	2	6	242
M653131		10	<1	0.08	<10	0.81	402	<1	0.14	11	1350	3	0.11	2	6	153
M653132		10	<1	0.08	10	1.05	480	<1	0.17	10	1660	2	0.31	<2	6	194
M653133		<10	<1	0.07	50	0.06	283	6	0.22	34	930	32	1.25	27	1	92
M653134		10	1	0.08	10	1.13	521	<1	0.13	10	1420	2	0.13	<2	6	158
M653135		10	<1	0.08	10	1.45	641	<1	0.07	10	1790	3	0.17	<2	11	79
M653136		10	1	0.08	10	1.32	742	<1	0.07	10	1280	5	0.22	<2	11	93
M653137		10	<1	0.09	10	1.11	590	<1	0.15	8	1520	4	0.06	2	7	200
M653138		10	<1	0.09	10	1.13	613	<1	0.14	9	1550	4	0.05	2	7	206
M653139		20	1	0.07	10	1.14	585	<1	0.09	7	1380	5	0.06	<2	8	105
M653140		10	<1	0.10	10	1.06	498	<1	0.12	10	1180	4	0.18	2	6	110
M653141		10	<1	0.07	10	1.48	592	<1	0.23	8	1430	4	0.10	<2	7	239
M653142		<10	<1	0.07	50	0.06	290	6	0.23	35	960	34	1.31	27	1	94
M653143		10	<1	0.07	10	1.31	525	<1	0.23	9	1410	3	0.31	<2	6	226
M653144		10	<1	0.10	10	1.06	554	<1	0.26	9	1340	4	0.05	2	7	188
M653145		<10	<1	0.26	10	0.78	496	38	0.06	5	980	17	>10.0	<2	5	94
M653146		<10	<1	0.01	<10	11.50	193	<1	0.01	<1	200	2	0.05	2	<1	54
M653147		10	<1	0.13	10	1.48	765	<1	0.24	14	1620	2	0.22	2	11	439
M653148		10	<1	0.08	10	1.58	872	<1	0.20	14	1210	3	0.09	2	11	246
M653149		10	<1	0.06	10	1.05	529	<1	0.25	10	1590	4	0.04	<2	5	388
M653150		10	<1	0.08	10	1.07	577	<1	0.23	9	1680	3	0.03	<2	7	372
M650044		10	<1	0.08	10	1.00	534	<1	0.24	9	1650	2	0.03	2	6	365
M650045		10	<1	0.09	10	0.96	496	<1	0.27	11	1410	2	0.38	3	5	432
M650046		10	1	0.10	10	1.04	518	<1	0.28	12	1150	4	0.29	<2	4	229
M650047		10	<1	0.08	10	1.19	588	<1	0.16	9	1400	3	0.53	<2	6	145
M650048		10	<1	0.06	10	2.01	838	<1	0.11	18	1340	3	0.97	<2	14	149
M650049		10	<1	0.07	10	1.73	888	<1	0.06	13	1330	5	0.38	6	15	83
M650050		10	<1	0.09	10	1.32	693	<1	0.15	9	1550	5	0.23	2	9	128
M354701		10	<1	0.11	10	1.30	686	<1	0.15	9	1510	5	0.11	<2	10	139
M354702		<10	<1	0.01	<10	11.20	182	<1	<0.01	<1	170	<2	0.01	<2	<1	50
M354703		10	<1	0.09	10	1.17	492	<1	0.14	9	1530	4	0.34	<2	6	148
M354704		10	<1	0.09	10	1.24	606	<1	0.11	9	1450	6	0.38	<2	7	175
M354705		10	<1	0.09	10	1.10	573	<1	0.21	9	1420	5	0.07	<2	7	221
M354706		10	<1	0.14	10	1.34	827	1	0.14	10	1290	8	0.60	2	10	125



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Page: 2 - C
 Total # Pages: 2 (A - C)
 Finalized Date: 14- OCT- 2012
 Account: MTT

Project: Nikki

CERTIFICATE OF ANALYSIS WH12227179

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
M653128		<20	0.16	<10	<10	215	<10	29
M653129		<20	0.17	<10	<10	177	<10	26
M653130		<20	0.16	<10	<10	231	<10	28
M653131		<20	0.14	<10	<10	229	<10	24
M653132		<20	0.16	<10	<10	227	<10	37
M653133		<20	0.04	<10	<10	7	30	102
M653134		<20	0.14	<10	<10	211	<10	42
M653135		<20	0.18	<10	<10	228	<10	46
M653136		<20	0.15	<10	<10	191	<10	45
M653137		<20	0.16	<10	<10	194	<10	44
M653138		<20	0.16	<10	<10	203	<10	47
M653139		<20	0.14	<10	<10	170	<10	44
M653140		<20	0.16	<10	<10	241	<10	37
M653141		<20	0.15	<10	<10	220	<10	56
M653142		<20	0.04	<10	<10	7	30	106
M653143		<20	0.16	<10	<10	225	<10	43
M653144		<20	0.11	<10	<10	195	<10	49
M653145		<20	<0.01	<10	<10	58	<10	903
M653146		<20	<0.01	<10	<10	1	<10	15
M653147		<20	0.10	<10	<10	197	<10	45
M653148		<20	0.18	<10	<10	239	<10	52
M653149		<20	0.14	<10	<10	185	<10	41
M653150		<20	0.19	<10	<10	222	<10	32
M650044		<20	0.18	<10	<10	204	<10	30
M650045		<20	0.16	<10	<10	215	<10	28
M650046		<20	0.18	<10	<10	227	<10	32
M650047		<20	0.13	<10	<10	198	<10	74
M650048		<20	0.13	<10	<10	183	<10	154
M650049		<20	0.20	<10	<10	232	<10	69
M650050		<20	0.18	<10	<10	229	<10	75
M354701		<20	0.14	<10	<10	220	<10	76
M354702		<20	<0.01	<10	<10	1	<10	13
M354703		<20	0.16	<10	<10	207	<10	46
M354704		<20	0.16	<10	<10	216	<10	78
M354705		<20	0.16	<10	<10	219	<10	48
M354706		<20	0.12	<10	<10	198	<10	71



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Page: 1

Finalized Date: 13- OCT- 2012

Account: MTT

CERTIFICATE WH12232172

Project: Nikki

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- OCT- 2012.

The following have access to data associated with this certificate:

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

Total # Pages: 2 (A - C)

Finalized Date: 13- OCT- 2012

Account: MTT

Project: Nikki

CERTIFICATE OF ANALYSIS WH12232172

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
M354707		1.79	0.015	0.2	2.92	<2	<10	60	<0.5	<2	3.64	<0.5	20	17	168	5.48
M354708		1.32	0.015	0.2	2.96	<2	<10	50	<0.5	<2	5.01	<0.5	19	15	207	4.91
M354709		3.81	0.009	0.7	2.35	<2	<10	60	<0.5	<2	3.04	<0.5	17	17	153	4.92
M354710		2.69	0.029	1.4	2.36	3	<10	40	<0.5	<2	3.39	<0.5	32	16	183	5.83
M354711		0.10	0.838	7.3	1.32	8880	190	30	<0.5	215	6.29	1.1	78	20	3450	3.18
M354712		2.09	0.038	0.8	2.58	8	<10	60	<0.5	<2	3.93	<0.5	26	16	284	5.56
M354713		4.10	0.010	<0.2	2.66	2	<10	40	<0.5	<2	3.21	<0.5	19	17	172	4.93
M354714		1.79	0.076	0.4	2.69	21	<10	50	<0.5	<2	5.33	<0.5	22	15	138	5.78
M354715		3.43	<0.005	<0.2	2.59	<2	<10	60	<0.5	<2	3.52	<0.5	21	19	129	5.22
M354716		1.87	0.010	<0.2	2.65	2	<10	40	<0.5	<2	3.89	<0.5	20	18	177	5.14
M354717		<0.02	0.010	<0.2	2.64	2	<10	40	<0.5	<2	3.87	<0.5	20	18	173	5.14
M354718		3.08	0.006	<0.2	2.48	<2	<10	40	<0.5	<2	1.99	<0.5	19	19	119	5.01
M354719		3.51	0.008	0.3	4.04	<2	<10	40	<0.5	<2	4.09	0.8	21	18	137	4.96
M354720		1.66	0.011	0.8	2.88	<2	<10	50	<0.5	<2	5.60	<0.5	18	19	115	4.85
M354721		4.64	0.009	<0.2	2.40	2	<10	40	<0.5	<2	3.38	<0.5	20	21	173	5.39
M354722		4.02	0.014	0.2	2.73	<2	<10	40	<0.5	<2	3.67	<0.5	24	21	191	5.73
M354723		1.67	0.007	<0.2	2.19	<2	<10	40	<0.5	<2	3.13	<0.5	21	25	310	5.17
M354724		0.71	0.008	0.2	2.09	<2	<10	40	<0.5	<2	2.80	<0.5	20	24	342	4.90
M354725		3.13	0.018	0.6	2.45	<2	<10	30	<0.5	<2	3.63	<0.5	22	21	308	5.92
M354726		4.26	0.012	0.3	2.37	<2	<10	30	<0.5	2	3.38	<0.5	22	24	236	5.57
M354727		4.50	0.006	0.2	2.50	<2	<10	40	<0.5	<2	3.42	<0.5	25	23	249	5.57
M354728		3.11	0.006	<0.2	2.78	<2	<10	40	<0.5	3	3.41	<0.5	20	22	183	5.05
M354729		2.40	<0.005	<0.2	0.03	<2	<10	10	<0.5	<2	21.3	<0.5	<1	<1	2	0.48
M354730		2.20	0.008	0.2	2.34	<2	<10	50	<0.5	<2	3.40	<0.5	21	25	264	5.38
M354731		4.48	<0.005	0.2	2.33	<2	<10	30	<0.5	<2	3.32	<0.5	22	22	189	5.48
M354732		3.55	0.007	<0.2	2.30	<2	<10	30	<0.5	<2	2.87	<0.5	19	23	183	5.05
M354733		1.58	0.007	<0.2	2.52	<2	<10	20	<0.5	<2	3.19	1.1	18	25	126	4.88
M354734		2.50	<0.005	<0.2	2.85	<2	<10	20	<0.5	<2	2.97	<0.5	28	112	94	4.88
M354735		0.10	0.586	7.5	1.32	8700	190	20	<0.5	219	6.21	1.1	78	20	3480	3.09
M354736		2.16	0.007	<0.2	2.12	8	<10	30	<0.5	<2	2.18	<0.5	19	32	139	4.91
M354737		2.80	0.007	<0.2	2.28	<2	<10	40	<0.5	<2	2.29	<0.5	18	24	180	5.11
M354738		4.45	0.015	<0.2	1.93	2	<10	40	<0.5	2	1.85	<0.5	15	23	144	4.68
M354739		1.51	0.013	0.2	2.34	4	<10	40	<0.5	<2	3.16	<0.5	26	23	190	5.15
M354740		3.10	<0.005	<0.2	0.03	<2	<10	10	<0.5	<2	21.7	<0.5	<1	<1	2	0.50
M354741		3.21	0.029	0.2	2.20	<2	<10	40	<0.5	<2	2.56	<0.5	20	23	149	5.05
M354742		2.06	0.026	0.4	2.66	6	<10	40	<0.5	<2	3.43	<0.5	27	24	171	6.20



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Project: Nikki

CERTIFICATE OF ANALYSIS WH12232172

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
M354707		10	<1	0.12	10	1.43	1015	<1	0.17	12	1570	8	0.27	<2	11	260
M354708		10	<1	0.14	10	1.33	1050	<1	0.17	10	1230	3	0.42	2	9	244
M354709		10	<1	0.11	10	1.20	747	<1	0.24	11	1250	4	0.13	2	8	191
M354710		10	<1	0.24	10	1.52	1015	3	0.11	13	1390	4	1.80	<2	10	104
M354711		10	<1	0.07	50	0.07	305	7	0.23	35	980	33	1.33	30	1	93
M354712		10	<1	0.16	10	1.51	953	1	0.20	12	1340	3	1.17	<2	12	185
M354713		10	<1	0.11	10	1.56	925	<1	0.19	10	1360	3	0.08	4	9	156
M354714		10	<1	0.18	10	1.63	1330	1	0.14	13	1270	8	0.94	4	13	155
M354715		10	<1	0.13	10	1.32	845	<1	0.26	13	1560	2	0.15	2	12	264
M354716		10	<1	0.22	10	1.52	920	<1	0.15	11	1590	4	0.17	<2	9	161
M354717		10	<1	0.23	10	1.50	913	<1	0.15	11	1460	3	0.16	<2	10	159
M354718		10	<1	0.08	10	1.50	607	<1	0.18	10	1390	2	0.19	<2	6	175
M354719		10	<1	0.12	10	1.71	847	<1	0.11	11	1050	10	0.42	4	15	177
M354720		10	<1	0.22	10	1.35	1010	4	0.12	12	1170	13	0.95	4	12	183
M354721		10	<1	0.10	10	1.51	886	<1	0.20	11	1510	2	0.10	<2	11	185
M354722		10	<1	0.12	10	1.80	867	3	0.17	12	1540	17	0.49	3	13	250
M354723		10	<1	0.13	10	1.43	762	2	0.20	12	1450	4	0.23	2	10	177
M354724		10	<1	0.12	10	1.31	688	1	0.21	11	1220	3	0.28	3	9	179
M354725		10	<1	0.17	10	1.77	902	<1	0.12	10	1450	9	1.84	2	11	150
M354726		10	<1	0.11	10	1.64	880	10	0.17	13	1550	16	0.58	2	13	164
M354727		10	<1	0.09	10	1.63	821	1	0.19	12	1600	4	0.53	3	11	215
M354728		10	<1	0.07	10	1.25	720	1	0.20	10	1520	2	0.20	<2	9	238
M354729		<10	<1	0.01	<10	12.60	207	<1	<0.01	<1	180	3	0.01	4	<1	47
M354730		10	<1	0.08	10	1.44	848	4	0.21	10	1690	2	0.23	<2	10	313
M354731		10	<1	0.09	10	1.40	725	<1	0.18	11	1750	2	0.28	3	9	188
M354732		10	<1	0.08	10	1.45	772	<1	0.19	10	2070	3	0.33	2	9	209
M354733		10	<1	0.08	10	1.68	775	<1	0.10	12	1390	9	0.34	2	10	173
M354734		10	<1	0.04	10	3.16	1010	<1	0.08	96	1020	<2	0.01	3	9	200
M354735		10	<1	0.07	50	0.07	302	7	0.23	35	970	33	1.30	28	1	93
M354736		10	<1	0.07	10	1.38	620	<1	0.18	19	1510	<2	0.07	<2	6	170
M354737		10	<1	0.08	10	1.26	543	<1	0.20	9	1780	3	0.06	3	6	201
M354738		10	<1	0.08	10	1.08	486	2	0.19	8	1390	2	0.10	2	4	192
M354739		10	<1	0.11	10	1.51	828	<1	0.16	12	1380	5	0.71	2	9	214
M354740		<10	<1	0.02	<10	12.80	202	<1	<0.01	<1	180	<2	0.01	4	<1	47
M354741		10	<1	0.09	10	1.35	794	<1	0.24	10	1350	2	0.13	3	7	177
M354742		10	<1	0.14	10	1.99	1300	<1	0.14	14	1520	6	1.70	2	14	165



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Project: Nikki

CERTIFICATE OF ANALYSIS WH12232172

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
M354707		<20	0.14	<10	<10	234	<10	72
M354708		<20	0.10	<10	<10	188	<10	71
M354709		<20	0.13	<10	<10	222	<10	52
M354710		<20	0.03	<10	<10	178	<10	86
M354711		<20	0.05	<10	<10	8	30	110
M354712		<20	0.08	<10	<10	203	<10	75
M354713		<20	0.12	<10	<10	221	<10	59
M354714		<20	0.04	<10	<10	181	<10	174
M354715		<20	0.09	<10	<10	236	<10	60
M354716		<20	0.11	<10	<10	215	<10	57
M354717		<20	0.11	<10	<10	212	<10	57
M354718		<20	0.17	<10	<10	225	<10	50
M354719		<20	0.12	<10	<10	178	<10	182
M354720		<20	0.08	<10	<10	171	<10	102
M354721		<20	0.13	<10	<10	236	<10	67
M354722		<20	0.12	<10	<10	234	<10	78
M354723		<20	0.12	<10	<10	225	<10	53
M354724		<20	0.12	<10	<10	215	<10	48
M354725		<20	0.07	<10	<10	193	<10	91
M354726		<20	0.11	<10	<10	216	<10	120
M354727		<20	0.15	<10	<10	212	<10	54
M354728		<20	0.16	<10	<10	209	<10	47
M354729		<20	<0.01	<10	<10	1	<10	12
M354730		<20	0.17	<10	<10	231	<10	54
M354731		<20	0.16	<10	<10	224	<10	51
M354732		<20	0.15	<10	<10	210	<10	49
M354733		<20	0.17	<10	<10	201	<10	106
M354734		<20	0.19	<10	<10	157	<10	87
M354735		<20	0.05	<10	<10	8	30	108
M354736		<20	0.17	<10	<10	211	<10	55
M354737		<20	0.17	<10	<10	227	<10	48
M354738		<20	0.15	<10	<10	213	<10	41
M354739		<20	0.15	<10	<10	197	<10	63
M354740		<20	<0.01	<10	<10	2	<10	14
M354741		<20	0.14	<10	<10	219	<10	51
M354742		<20	0.06	<10	<10	196	<10	90



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Account: MTT

CERTIFICATE WH12235290

Project: Nikki

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5- OCT- 2012.

The following have access to data associated with this certificate:

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

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

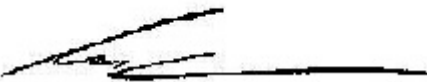
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

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 WH12235290

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
M354743		3.76	0.006	<0.2	2.27	<2	<10	50	<0.5	2	2.91	<0.5	18	20	118	4.82
M354744		4.86	0.008	<0.2	2.19	<2	<10	40	<0.5	<2	2.62	<0.5	18	21	178	4.76
M354745		5.18	0.011	<0.2	1.80	<2	<10	30	<0.5	<2	1.92	<0.5	16	18	150	4.33
M354746		4.76	0.007	<0.2	1.93	<2	<10	40	<0.5	<2	2.51	<0.5	16	19	122	4.41
M354747		0.10	0.322	2.6	1.22	>10000	20	40	0.5	346	5.45	0.7	48	23	784	2.22
M354748		3.30	0.005	<0.2	1.87	<2	<10	40	<0.5	<2	1.52	<0.5	14	19	124	4.10
M354749		3.03	<0.005	<0.2	1.70	3	<10	40	<0.5	<2	1.39	<0.5	15	19	156	4.02
M354750		3.27	<0.005	<0.2	2.01	<2	<10	40	<0.5	<2	1.72	<0.5	16	18	123	4.13
M354751		2.50	<0.005	<0.2	1.83	<2	<10	30	<0.5	<2	1.48	<0.5	17	17	126	4.25
M354752		1.07	<0.005	<0.2	1.99	2	<10	40	<0.5	<2	1.48	<0.5	23	17	113	4.64
M354753		2.74	<0.005	<0.2	1.97	<2	<10	40	<0.5	<2	2.46	<0.5	17	17	115	4.52
M354754		4.84	<0.005	<0.2	2.06	<2	<10	40	<0.5	<2	2.06	<0.5	16	18	96	4.43
M354755		4.30	<0.005	<0.2	1.90	<2	<10	40	<0.5	<2	1.62	<0.5	14	17	120	4.10
M354756		2.76	0.009	<0.2	1.89	4	<10	50	<0.5	<2	1.90	<0.5	15	17	151	4.29
M354757		1.84	<0.005	0.2	1.74	<2	<10	180	<0.5	2	1.78	<0.5	12	72	170	2.89
M354758		2.26	<0.005	<0.2	0.03	<2	<10	10	<0.5	2	20.3	<0.5	<1	<1	2	0.49
M354759		1.80	0.010	36.1	1.40	3	<10	180	<0.5	<2	1.37	<0.5	10	46	407	2.51
M354760		1.56	0.006	0.4	1.05	<2	<10	110	<0.5	<2	1.26	<0.5	9	17	154	2.30
M354761		3.53	<0.005	0.2	1.11	<2	<10	110	<0.5	<2	2.31	<0.5	8	18	184	1.85
M354762		2.95	0.005	<0.2	1.16	<2	<10	110	<0.5	<2	2.39	<0.5	8	20	197	1.74
M354763		1.59	<0.005	<0.2	5.00	2	<10	40	<0.5	<2	5.43	<0.5	35	93	90	5.72
M354764		3.25	0.005	<0.2	1.15	<2	<10	120	<0.5	<2	2.31	<0.5	9	18	86	1.54
M354765		<0.02	<0.005	<0.2	1.27	3	<10	140	<0.5	<2	2.28	<0.5	8	19	86	1.56
M354766		3.65	<0.005	<0.2	1.12	4	<10	110	<0.5	<2	2.11	<0.5	8	18	47	1.84
M354767		4.68	0.006	<0.2	0.98	<2	<10	110	<0.5	<2	2.53	<0.5	7	19	10	1.75
M354768		4.26	<0.005	<0.2	1.21	2	<10	150	<0.5	<2	1.98	<0.5	6	20	160	1.65
M354769		4.04	<0.005	<0.2	1.22	<2	<10	140	<0.5	<2	1.92	<0.5	9	21	129	1.92
M354770		0.10	0.320	2.6	1.34	>10000	20	50	0.5	354	5.38	0.8	48	24	823	2.34
M354771		4.95	<0.005	<0.2	1.41	8	<10	180	<0.5	2	1.68	<0.5	7	21	83	1.86
M354772		3.75	<0.005	<0.2	1.46	<2	<10	140	<0.5	<2	2.09	<0.5	8	20	96	1.78
M354773		4.62	<0.005	<0.2	1.72	2	<10	170	<0.5	<2	2.22	<0.5	7	20	157	1.64
M354774		3.87	<0.005	<0.2	1.13	4	<10	90	<0.5	<2	2.18	<0.5	7	21	108	1.56
M354775		3.27	<0.005	<0.2	0.03	<2	<10	20	<0.5	<2	20.1	<0.5	<1	<1	2	0.48
M354776		2.29	<0.005	<0.2	0.99	3	<10	100	<0.5	<2	2.56	<0.5	8	19	13	1.37
M354777		2.34	<0.005	<0.2	1.16	<2	<10	150	<0.5	<2	2.81	<0.5	7	22	39	1.59
M354778		3.94	<0.005	<0.2	1.20	2	<10	200	<0.5	<2	2.66	<0.5	6	20	92	2.12



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CERTIFICATE OF ANALYSIS WH12235290

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
M354743		10	<1	0.08	10	1.47	948	1	0.20	12	1120	2	0.12	<2	11	196
M354744		10	<1	0.11	10	1.20	907	<1	0.19	12	1130	3	0.24	<2	9	157
M354745		<10	<1	0.09	10	1.03	566	<1	0.20	10	1110	7	0.11	2	5	134
M354746		10	<1	0.12	10	1.02	703	1	0.21	11	1030	5	0.06	<2	8	160
M354747		<10	<1	0.09	20	0.07	191	8	0.26	32	880	50	0.71	32	1	96
M354748		10	1	0.12	10	0.83	401	<1	0.26	10	1050	3	0.06	<2	4	170
M354749		10	<1	0.10	10	0.78	362	1	0.19	10	1170	2	0.15	<2	3	164
M354750		10	<1	0.10	10	0.83	421	<1	0.28	10	1060	2	0.17	<2	4	210
M354751		10	<1	0.08	10	1.00	411	1	0.22	9	1180	2	0.44	<2	3	146
M354752		10	<1	0.09	<10	1.13	404	1	0.23	11	1120	3	1.22	<2	4	183
M354753		10	<1	0.11	<10	1.12	674	1	0.20	11	1150	4	0.41	<2	7	157
M354754		10	<1	0.12	10	0.95	547	<1	0.26	10	1130	2	0.07	<2	6	177
M354755		10	<1	0.10	10	0.86	426	<1	0.27	9	1160	2	0.06	<2	4	165
M354756		10	<1	0.08	<10	0.93	492	1	0.20	10	1030	2	0.04	<2	5	231
M354757		10	<1	0.12	10	1.50	576	7	0.06	31	690	4	0.69	<2	6	96
M354758		<10	<1	0.01	<10	12.20	199	<1	<0.01	4	190	<2	<0.01	<2	<1	51
M354759		<10	<1	0.18	10	0.97	397	25	0.07	16	620	6	0.92	<2	3	69
M354760		<10	<1	0.19	10	0.80	300	10	0.05	11	600	5	1.59	2	2	45
M354761		<10	<1	0.15	10	0.83	326	6	0.04	11	580	4	1.69	<2	2	62
M354762		<10	<1	0.18	10	0.95	353	3	0.06	14	600	6	1.51	<2	2	73
M354763		10	<1	0.06	<10	4.83	1305	<1	0.29	188	640	3	0.18	<2	19	393
M354764		<10	<1	0.15	10	0.85	341	3	0.05	12	590	2	1.42	<2	2	117
M354765		<10	<1	0.19	10	0.86	342	2	0.06	12	580	4	1.40	<2	2	111
M354766		<10	<1	0.19	10	0.82	403	13	0.05	11	580	2	1.77	<2	2	78
M354767		<10	<1	0.16	<10	0.85	468	16	0.04	13	600	4	1.79	<2	2	95
M354768		<10	<1	0.12	<10	0.88	349	8	0.06	12	600	2	1.24	<2	2	112
M354769		<10	<1	0.13	10	0.96	409	1	0.07	13	630	2	1.59	2	2	107
M354770		<10	<1	0.10	30	0.08	199	9	0.28	33	900	54	0.74	32	1	95
M354771		<10	<1	0.11	<10	0.95	375	1	0.08	12	600	2	1.18	<2	2	124
M354772		<10	<1	0.14	10	0.91	445	1	0.10	12	600	4	1.60	<2	2	109
M354773		10	<1	0.10	<10	0.92	346	<1	0.13	11	610	3	1.38	<2	2	123
M354774		<10	<1	0.11	<10	0.93	433	1	0.07	12	600	<2	1.42	<2	2	100
M354775		<10	<1	0.02	<10	12.15	200	<1	<0.01	3	170	<2	<0.01	<2	<1	46
M354776		<10	<1	0.13	10	0.89	435	1	0.05	12	610	2	1.55	<2	2	118
M354777		<10	<1	0.13	10	0.95	554	1	0.05	12	650	2	1.27	<2	2	140
M354778		<10	<1	0.17	10	0.87	523	<1	0.06	11	610	3	0.72	<2	3	115



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 Total # Pages: 2 (A - C)
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 Account: MTT

Project: Nikki

CERTIFICATE OF ANALYSIS WH12235290

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
M354743		<20	0.12	<10	<10	194	<10	56
M354744		<20	0.12	<10	<10	192	<10	55
M354745		<20	0.14	<10	<10	184	<10	43
M354746		<20	0.14	<10	<10	194	<10	54
M354747		<20	0.05	<10	<10	8	20	78
M354748		<20	0.15	<10	<10	194	<10	37
M354749		<20	0.15	<10	<10	184	<10	36
M354750		<20	0.15	<10	<10	185	<10	37
M354751		<20	0.14	<10	<10	185	<10	32
M354752		<20	0.14	<10	<10	166	<10	34
M354753		<20	0.16	<10	<10	184	<10	41
M354754		<20	0.14	<10	<10	198	<10	48
M354755		<20	0.14	<10	<10	183	<10	34
M354756		<20	0.13	<10	<10	174	<10	33
M354757		<20	0.04	<10	<10	68	<10	40
M354758		<20	<0.01	<10	<10	2	<10	15
M354759		<20	<0.01	<10	<10	42	170	39
M354760		<20	<0.01	<10	<10	34	<10	28
M354761		<20	<0.01	<10	<10	36	<10	30
M354762		<20	<0.01	<10	<10	37	<10	34
M354763		<20	0.07	<10	<10	180	<10	76
M354764		<20	<0.01	<10	<10	34	<10	31
M354765		<20	<0.01	<10	<10	36	<10	31
M354766		<20	<0.01	<10	<10	33	<10	30
M354767		<20	<0.01	<10	<10	30	<10	38
M354768		<20	0.01	<10	<10	34	<10	35
M354769		<20	0.02	<10	<10	33	<10	33
M354770		<20	0.06	<10	<10	9	20	83
M354771		<20	0.05	<10	<10	35	<10	35
M354772		<20	0.01	<10	<10	34	<10	39
M354773		<20	0.03	<10	<10	39	<10	32
M354774		<20	0.01	<10	<10	33	<10	34
M354775		<20	<0.01	<10	<10	2	<10	14
M354776		<20	<0.01	<10	<10	32	<10	29
M354777		<20	<0.01	<10	<10	38	<10	51
M354778		<20	<0.01	<10	<10	37	<10	46



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Page: 1

Finalized Date: 17- OCT- 2012

Account: MTT

CERTIFICATE WH12235291

Project: Nikki

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5- OCT- 2012.

The following have access to data associated with this certificate:

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

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

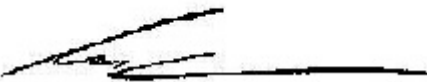
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

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

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH12235291

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
M354779		4.58	<0.005	<0.2	1.17	4	30	140	<0.5	2	1.86	<0.5	7	22	117	2.45
M354780		4.55	<0.005	<0.2	1.20	3	10	170	<0.5	<2	1.63	<0.5	7	22	141	2.25
M354781		4.68	<0.005	<0.2	1.31	4	10	260	<0.5	<2	2.24	<0.5	11	26	155	2.21
M354782		3.44	<0.005	<0.2	1.17	<2	<10	90	<0.5	<2	1.53	<0.5	6	24	126	2.34
M354783		3.38	<0.005	<0.2	1.19	<2	<10	80	<0.5	2	1.64	<0.5	7	27	181	2.24
M354784		0.10	0.335	2.8	1.34	>10000	30	50	0.5	373	5.14	0.9	50	24	835	2.27
M354785		3.74	<0.005	<0.2	1.00	14	<10	60	<0.5	<2	1.32	<0.5	7	26	75	2.27
M354786		1.88	<0.005	<0.2	1.16	4	<10	80	<0.5	2	1.55	<0.5	7	28	134	2.14
M354787		3.39	<0.005	<0.2	1.22	3	<10	90	<0.5	<2	1.98	<0.5	11	26	154	2.19
M354788		2.12	<0.005	<0.2	1.19	4	<10	190	<0.5	<2	2.42	<0.5	9	22	90	2.18
M354789		2.91	<0.005	0.2	1.06	3	<10	170	<0.5	3	1.79	<0.5	8	25	318	2.15
M354790		0.10	2.37	9.6	1.84	>10000	50	50	0.7	326	4.95	1.8	81	35	4360	3.27
M354791		1.76	<0.005	0.2	1.33	8	<10	160	<0.5	<2	1.72	<0.5	16	26	160	2.44
M354792		4.59	<0.005	<0.2	1.09	3	<10	160	<0.5	<2	1.97	<0.5	11	24	159	2.43
M354793		2.49	<0.005	<0.2	1.19	2	<10	350	<0.5	<2	1.84	<0.5	9	31	101	2.15
M354794		1.74	0.010	0.2	1.46	2	<10	260	<0.5	<2	2.33	<0.5	10	21	342	2.30
M354795		3.08	<0.005	<0.2	0.04	<2	<10	3780	<0.5	<2	21.3	<0.5	<1	<1	2	0.50
M354796		2.49	0.053	0.8	1.42	2	<10	250	<0.5	<2	3.20	0.7	10	18	1095	2.54
M354797		1.83	0.087	1.6	1.03	5	<10	70	<0.5	2	2.60	1.3	13	9	2340	4.33
M354798		2.48	0.064	1.9	0.88	<2	<10	110	<0.5	2	2.88	0.5	7	9	2020	2.63
M354799		1.88	0.093	1.7	0.88	3	<10	60	<0.5	3	4.02	0.8	14	13	983	5.99
M354800		2.50	0.060	1.0	1.41	<2	<10	140	<0.5	2	2.38	<0.5	11	33	1170	3.40
M354801		2.08	<0.005	<0.2	0.04	<2	<10	50	<0.5	<2	21.0	<0.5	<1	<1	6	0.50
M354802		2.47	0.058	1.0	1.59	3	<10	120	<0.5	2	2.44	0.9	14	33	1700	3.35
M354803		2.45	0.064	1.1	1.24	<2	<10	80	<0.5	<2	2.32	<0.5	13	20	2000	3.49
M354804		1.73	0.058	2.0	0.90	<2	<10	40	<0.5	3	1.89	2.3	10	12	1675	6.24
M354805		3.25	0.066	1.0	1.20	4	<10	60	<0.5	2	2.31	<0.5	13	15	1715	4.24
M354806		1.66	0.048	0.8	1.17	5	<10	90	<0.5	<2	2.91	<0.5	12	17	1105	2.71
M354807		1.95	0.046	0.5	1.29	2	<10	100	<0.5	<2	2.75	<0.5	9	20	833	2.47
M354808		0.81	0.060	0.6	1.28	3	<10	100	<0.5	2	2.47	<0.5	9	19	877	2.42
M354809		1.48	0.053	1.2	2.08	3	<10	110	<0.5	<2	3.73	3.7	16	155	1175	4.02
M354810		2.02	0.020	0.5	2.78	<2	<10	50	<0.5	<2	3.24	<0.5	21	219	475	5.45
M354811		2.83	<0.005	<0.2	1.33	3	<10	60	<0.5	<2	3.82	<0.5	9	8	90	2.60
M354812		<0.02	<0.005	<0.2	1.39	2	<10	70	<0.5	<2	3.94	<0.5	9	9	93	2.69
M354813		1.62	<0.005	<0.2	2.36	3	<10	220	0.6	<2	4.00	<0.5	22	<1	35	7.08
M354814		2.36	<0.005	<0.2	2.88	3	<10	110	0.8	<2	2.96	<0.5	20	<1	30	6.93



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Account: MTT

Project: Nikki

CERTIFICATE OF ANALYSIS WH12235291

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
M354779		10	<1	0.12	10	0.83	423	1	0.08	10	640	6	0.88	<2	3	107
M354780		10	<1	0.14	10	0.89	461	1	0.07	9	650	4	0.86	<2	3	108
M354781		10	<1	0.17	20	0.96	489	2	0.07	12	650	4	1.32	<2	3	130
M354782		10	<1	0.10	10	0.86	384	3	0.08	9	650	<2	0.77	<2	3	80
M354783		10	<1	0.10	10	0.84	412	2	0.10	11	620	2	1.09	<2	3	110
M354784		<10	<1	0.10	30	0.07	205	8	0.27	32	930	56	0.74	34	1	97
M354785		<10	<1	0.09	10	0.71	329	<1	0.09	10	670	<2	0.45	<2	3	99
M354786		10	<1	0.13	10	0.88	394	<1	0.08	12	670	2	1.05	<2	3	70
M354787		10	<1	0.16	10	0.96	492	<1	0.06	14	660	<2	1.22	<2	3	93
M354788		<10	<1	0.19	10	0.84	566	<1	0.06	12	650	2	0.69	<2	3	140
M354789		<10	<1	0.12	10	0.87	387	<1	0.08	12	660	<2	0.98	<2	4	109
M354790		10	<1	0.10	50	0.07	243	10	0.38	35	850	48	1.31	32	1	123
M354791		10	<1	0.15	20	1.12	566	<1	0.08	17	670	3	1.62	<2	3	105
M354792		10	<1	0.12	10	0.83	494	<1	0.08	12	650	2	0.65	<2	4	123
M354793		10	<1	0.12	10	0.88	448	<1	0.08	12	600	<2	0.64	<2	4	154
M354794		10	<1	0.23	10	0.82	568	1	0.13	15	630	8	1.18	<2	3	201
M354795		<10	<1	0.02	<10	12.15	226	<1	0.01	<1	190	2	0.10	2	<1	156
M354796		<10	<1	0.23	10	0.89	536	3	0.07	10	640	16	1.85	<2	2	290
M354797		<10	<1	0.25	10	0.65	379	3	0.04	14	600	40	4.89	<2	1	167
M354798		<10	1	0.26	10	0.31	389	2	0.04	9	630	31	3.17	<2	2	147
M354799		<10	<1	0.26	10	0.48	410	1	0.03	16	840	36	8.89	<2	2	411
M354800		10	1	0.23	10	0.94	545	1	0.06	18	640	9	2.38	<2	3	195
M354801		<10	<1	0.02	<10	11.95	207	<1	<0.01	<1	180	<2	0.03	<2	<1	54
M354802		10	<1	0.22	10	1.34	610	2	0.05	24	690	17	2.38	<2	4	204
M354803		<10	<1	0.24	10	1.04	443	1	0.04	20	680	8	3.62	<2	2	174
M354804		<10	<1	0.28	10	0.58	317	1	0.03	16	590	61	8.22	2	1	130
M354805		<10	<1	0.26	10	0.93	431	1	0.04	17	680	18	4.88	<2	2	163
M354806		<10	<1	0.24	10	0.84	562	2	0.04	16	620	15	2.74	<2	2	171
M354807		10	<1	0.19	10	0.94	529	1	0.05	15	610	2	1.48	<2	2	257
M354808		<10	<1	0.19	10	0.93	543	1	0.05	13	620	4	1.19	<2	2	251
M354809		10	<1	0.20	10	2.10	1175	1	0.07	70	590	34	2.29	<2	8	300
M354810		10	<1	0.21	10	2.93	1025	<1	0.08	99	600	24	4.21	<2	9	161
M354811		10	<1	0.26	10	0.89	759	2	0.03	5	700	2	1.08	<2	3	128
M354812		10	<1	0.28	10	0.91	781	2	0.03	4	700	4	1.10	<2	3	132
M354813		20	<1	0.07	10	1.69	1395	<1	0.08	<1	1420	5	0.34	2	19	105
M354814		20	<1	0.22	10	1.70	1430	<1	0.17	<1	1520	6	0.17	2	19	83



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 Account: MTT

Project: Nikki

CERTIFICATE OF ANALYSIS WH12235291

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
M354779		<20	0.02	<10	<10	48	<10	42
M354780		<20	0.01	<10	<10	42	<10	43
M354781		<20	<0.01	<10	<10	39	<10	66
M354782		<20	0.04	<10	<10	54	<10	30
M354783		<20	0.04	<10	<10	48	<10	29
M354784		<20	0.06	<10	<10	9	20	84
M354785		<20	0.06	<10	<10	59	<10	20
M354786		<20	0.03	<10	<10	47	<10	30
M354787		<20	0.01	<10	<10	40	<10	40
M354788		<20	0.01	<10	<10	39	<10	51
M354789		<20	0.01	<10	<10	45	<10	27
M354790		<20	0.05	<10	<10	9	1470	169
M354791		<20	<0.01	<10	<10	41	<10	40
M354792		<20	0.01	<10	<10	48	<10	31
M354793		<20	<0.01	<10	<10	42	<10	32
M354794		<20	<0.01	<10	<10	35	<10	70
M354795		<20	<0.01	<10	<10	1	<10	16
M354796		<20	<0.01	<10	<10	42	<10	109
M354797		<20	<0.01	<10	<10	23	<10	235
M354798		<20	<0.01	<10	<10	17	<10	98
M354799		<20	<0.01	<10	<10	23	<10	149
M354800		<20	0.01	<10	<10	53	<10	69
M354801		<20	<0.01	<10	<10	2	<10	15
M354802		<20	0.01	<10	<10	57	<10	218
M354803		<20	<0.01	<10	<10	32	<10	63
M354804		<20	<0.01	<10	<10	17	<10	500
M354805		<20	<0.01	<10	<10	26	<10	65
M354806		<20	<0.01	<10	<10	26	<10	79
M354807		<20	<0.01	<10	<10	39	<10	58
M354808		<20	<0.01	<10	<10	37	<10	65
M354809		<20	0.01	<10	<10	78	<10	983
M354810		<20	0.01	<10	<10	90	<10	99
M354811		<20	<0.01	<10	<10	43	<10	59
M354812		<20	<0.01	<10	<10	45	<10	60
M354813		<20	0.11	<10	<10	189	<10	106
M354814		<20	0.32	<10	<10	175	<10	123



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Finalized Date: 17- OCT- 2012

Account: MTT

CERTIFICATE WH12235292

Project: Nikki

P.O. No.: Batch 5

This report is for 19 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 5- OCT- 2012.

The following have access to data associated with this certificate:

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

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

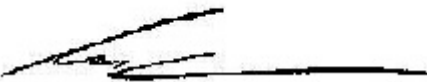
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

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 WH12235292

Sample Description	Method Analyte Units LOR	WEI- 21	Au- AA24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
M354815		2.45	<0.005	<0.2	1.98	8	<10	430	0.8	<2	3.94	<0.5	22	1	71	6.75
M354816		3.69	0.034	0.7	1.03	5	<10	150	<0.5	<2	1.93	<0.5	9	15	1335	2.88
M354817		1.50	<0.005	<0.2	2.31	8	<10	180	0.8	<2	3.15	<0.5	24	<1	41	7.22
M354818		3.94	<0.005	<0.2	2.53	8	<10	230	0.8	<2	2.68	<0.5	21	<1	44	6.91
M354819		0.09	2.47	10.8	1.86	>10000	50	40	0.7	331	5.33	1.8	82	35	4460	3.29
M354820		4.28	0.031	0.6	1.04	12	<10	120	<0.5	<2	1.80	<0.5	9	13	1295	2.72
M354821		2.75	0.041	2.2	0.45	9	<10	50	<0.5	<2	1.07	1.0	10	3	3240	7.11
M354822		2.00	<0.005	<0.2	0.04	<2	<10	60	<0.5	<2	20.4	<0.5	<1	<1	9	0.46
M354823		4.20	0.034	0.4	1.93	2	<10	100	<0.5	<2	2.80	<0.5	15	60	975	3.02
M354824		2.94	0.048	1.0	1.48	2	<10	130	<0.5	<2	2.68	<0.5	10	85	1400	2.61
M354825		1.68	0.119	2.2	0.88	11	<10	100	<0.5	<2	2.79	5.3	9	11	1140	3.45
M354826		3.76	<0.005	<0.2	0.05	<2	<10	20	<0.5	<2	20.1	<0.5	<1	<1	5	0.47
M354827		1.70	0.058	0.9	1.18	3	<10	140	<0.5	<2	2.57	<0.5	6	18	1110	2.18
M354828		4.75	0.063	0.6	0.99	4	<10	140	<0.5	<2	2.32	<0.5	7	15	1155	2.42
M354829		4.77	0.072	0.7	1.00	4	<10	110	<0.5	<2	1.79	<0.5	7	22	1545	2.97
M354830		2.08	0.053	0.5	1.05	<2	<10	160	<0.5	2	1.95	<0.5	6	20	755	2.38
M354831		<0.02	0.051	0.4	1.01	2	<10	160	<0.5	<2	1.94	<0.5	6	20	743	2.38
M354832		2.71	0.111	1.8	0.55	6	<10	80	<0.5	2	3.95	5.1	7	7	1760	2.66
M354833		5.34	0.058	0.8	0.97	2	<10	170	<0.5	<2	1.80	<0.5	7	19	979	2.29



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Account: MTT

Project: Nikki

CERTIFICATE OF ANALYSIS WH12235292

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
M354815		10	<1	0.04	20	1.54	1565	<1	0.08	<1	1380	7	0.67	<2	21	172
M354816		10	<1	0.22	10	0.76	462	2	0.05	10	640	4	2.68	<2	3	178
M354817		20	<1	0.09	20	1.81	1485	<1	0.12	<1	1420	5	0.40	<2	22	126
M354818		20	<1	0.16	10	1.68	1405	<1	0.15	<1	1500	7	0.45	<2	19	121
M354819		10	<1	0.10	50	0.06	243	9	0.38	36	880	45	1.32	32	1	124
M354820		<10	<1	0.27	20	0.73	352	1	0.04	8	580	10	2.93	<2	2	153
M354821		<10	<1	0.24	10	0.19	85	1	0.02	12	520	16	9.57	<2	1	112
M354822		<10	<1	0.02	<10	11.65	203	<1	<0.01	<1	170	<2	0.03	<2	<1	52
M354823		10	<1	0.19	10	1.78	588	<1	0.11	70	630	<2	1.35	<2	6	162
M354824		10	<1	0.19	10	1.41	869	<1	0.07	42	610	24	1.68	<2	4	165
M354825		<10	<1	0.28	10	0.59	1320	1	0.05	11	580	60	3.88	<2	1	151
M354826		<10	<1	0.03	<10	11.60	209	<1	<0.01	<1	210	<2	0.02	<2	<1	47
M354827		10	<1	0.22	10	0.88	882	<1	0.06	9	640	5	1.24	<2	2	175
M354828		<10	<1	0.24	10	0.71	409	1	0.05	8	620	5	2.38	<2	2	147
M354829		<10	<1	0.22	10	0.76	307	4	0.05	9	630	5	2.92	<2	2	135
M354830		10	<1	0.19	10	0.82	407	1	0.06	13	610	7	1.34	<2	2	150
M354831		<10	<1	0.19	10	0.80	413	1	0.06	10	580	4	1.31	<2	2	146
M354832		<10	<1	0.25	10	1.03	763	1	0.04	9	520	40	3.49	<2	1	146
M354833		<10	<1	0.20	10	0.78	389	1	0.06	10	570	5	1.35	<2	2	156



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CERTIFICATE OF ANALYSIS WH12235292

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
M354815		<20	0.08	<10	<10	195	<10	132
M354816		<20	<0.01	<10	<10	31	<10	44
M354817		<20	0.21	<10	<10	216	<10	114
M354818		<20	0.41	<10	<10	217	<10	109
M354819		<20	0.05	<10	<10	9	1510	169
M354820		<20	<0.01	<10	<10	26	<10	61
M354821		<20	<0.01	<10	<10	9	<10	137
M354822		<20	<0.01	<10	<10	1	<10	14
M354823		<20	0.01	<10	<10	64	<10	38
M354824		<20	0.01	<10	<10	50	<10	121
M354825		<20	<0.01	<10	<10	22	<10	1110
M354826		<20	<0.01	<10	<10	2	<10	15
M354827		<20	<0.01	<10	<10	38	<10	72
M354828		<20	<0.01	<10	<10	27	<10	39
M354829		<20	0.01	<10	<10	31	<10	34
M354830		<20	<0.01	<10	<10	39	<10	43
M354831		<20	<0.01	<10	<10	39	<10	41
M354832		<20	<0.01	<10	<10	15	<10	688
M354833		<20	<0.01	<10	<10	33	<10	43

APPENDIX III

GEOLOGICAL AND GEOTECHNICAL LOGS

Nikki Property

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		500725	6880050	1615	297.7

ZONE: _____

SECTION: _____

HOLE: NIKKI-DDH-12-01

CLAIM: YC29869

Contractor: Beaudoin Drilling

Drill: _____

Core size: BTW Reduced at: (m)

Casing depth: 4.51 (m) in / out

Drilling dates: July 10 - 17, 2012

Geology logged by: Nick Bueckert

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	215	-55		207.4	217.2	-51.8	ranger
24.4	216.6	-52.4	ranger	237.9	218.8	-51.2	ranger
115.9	217	-52.1	ranger	268.4	215.7	-51	ranger
176.9	215.3	-52.1	ranger	298.9	221.4	-50.8	ranger

TARGET: _____

[illegible]

SAMPLES	
Numbers:	M653128 -M653150; M650045-M650050
	M354701-M354833
Total:	163
Batch:	41030
Date Sent:	
Certificate:	

COMMENTS
EOH @ 297.79m; \ UTM coordinates are approximate only; UNIT GRD IS REPLACED BY FP (Feldspar Porphyry) at 256.02 m, and SERICITIC ALT'N is referred to as PHYLIC ALT'N throughout assessment report. Previous northing: 6880995

Geology Log

Hole: NIKKI-DDH-12-01

Logger Name: Nick Bueckert

Date: September 2012

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite	Arsenopyrite	Other			
														Type	Intensity			Type	Conc. (%)		
0.00	4.00	4.00																			Casing - no recovery
4.00	29.63	25.63					DIO	CG	DK LT WH	GY GN	PA	<2		POT? PRO	4 3			MG	35 <70		DIORITE - Host rock is massive coarse-grained plagioclase-magnetite diorite. Plagioclase (~55%), magnetite+/- mafics (~45%); quartz and Kspar are absent. Patchy dark grey magnetite flooded and light green tinted+whiteish massive coarse-grained chlorite-bearing diorite. Patchy zones (20-40cm, <80cm) are likely potassic/magnetite and propylitic alteration. Host diorite looks to bear primary, interstitial, locally clotty magnetite (entire interval strong to intensely magnetic). Fracture surfaces are oxidized; zones of weak pervasive oxidation are associated with crumbly-rubble core (<1m). No sulphide mineralization
29.63	37.68	8.05					DIO	CG	DK	GY MA PA		1		POT?	4			MG	35 <70		DIORITE - potassic/magnetite alteration is dominant with minor patchy propylitic alteration (<20 cm zones). Fracture surfaces are oxidized. Strong magnetite flooding
37.68	37.98	0.30					DIO	CG	DK	GY	AN			POT?	4	15		MG	<70		DIORITE - Potassic/magnetite alteration; strong magnetite flooding; strong fine-grained disseminated pyrite mineralization between two calcite veins (see secondary structures log)
37.98	43.41	5.43					DIO	CG	DK	GY	MA PA	<3		POT?	4			MG	35 <70		DIORITE - Same as 29.63m - 37.68m interval except local moderate pervasive oxidation
43.41	52.40	8.99					DIO	CG	DK LT	GY GN	MA PA		<2	POT? PRO	4 3			MG	<70		DIORITE - Same as 4.00m - 29.63m interval except alteration zones are typically 40cm wide. Potassic/magnetite alteration is dominant. General increase in oxidation strength on fracture surfaces.
52.40	59.48	7.08					DIO	CG	DK	GY WH	PA	2		POT? PRO	3 1						DIORITE - General decrease in potassic and propylitic alteration strength. Core highly fractured and rubblely throughout interval - fault zone?
59.48	64.20	4.72					DIO	CG	DK	GY	PA	<2		POT?	4						DIORITE - Potassic/magnetite alteration - trace pink mineral (Kspar) present. Core is highly fractured and locally rubblely. Last 70cm of interval is propylitic altered
64.20	89.52	25.32					DIO	CG	DK	GY	PA	<2		POT?	4						DIORITE - same as 29.63m - 37.68m interval. Minor patchy propylitic alteration associated with calcite veining. Narrow fault zones (<40cm) present
89.52	92.40	2.88					DIO	CG	MD WH	GN PO	MA	1		PHC?	2						DIORITE - phyllic alteration(?) - Medium to dark green, chlorite- and calcite-rich alteration with local disseminated pyrite (phyllic alteration?) associated with plagioclase-phyr zone - feldspar porphyry(?) (see secondary structure log). Irregular shearing fabric throughout interval. Core is nonmagnetic.
92.40	119.80	27.40					DIO	CG	DK	GY	MA PA	<2		POT? PHC?	<4 <4	<10					DIORITE - similar to 29.63m - 37.68m interval except chlorite is present throughout magnetite flooded diorite. Narrow phyllic(?) alteration zones (<40cm) throughout interval are associated with calcite veining. Disseminated to clotty pyrite occurs in moderate to strong phyllic alteration zones.
119.80	120.85	1.05					DIO	CG	MD	GN	MA			PRO?	2						DIORITE - Zone of strong chlorite alteration. Green colour over whole interval. Host rock texture is visible - host rock is plagioclase-phyr (+/- mafics) in brown crystalline matrix. The same texture is faintly visible in magnetite flooded zones. Core is not magnetic

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite	Arsenopyrite	Other			
														Type	Intensity			Type	Conc. (%)		
120.85	128.58	7.73					DIO	CG	DK	GY	MA	<2		POT?	4						DIORITE - same as 29.63m - 37.63m interval. Infrequent zones of propylitic alteration (<40cm)
128.58	166.65	38.07					DIO	CG	DK	GY	MA	1		POT?	4						DIORITE - similar to 29.63m-37.63m interval except no propylitic alteration zones. Local chlorite present as well as minor zones (<8cm) of decreased magnetite flooding where white+/-pink feldspar is present
166.65	167.52	0.87					GRD	CG	LT	GY	MA	1	4			1					GRANODIORITE - new unit - Light grey with greenish black specks, massive, coarse grained granodiorite(?) Rock is silica-flooded; mafics (10%) are partially altered to chlorite-pyrite. Quartz and plagioclase modal percentages not known due to strong silicification
167.52	172.14	4.62					GRD	CG		WH				SER	5						GRANODIORITE - intense sericite alteration - White bleached, strong clay alteration with fine-grained sericite on core fractures. No primary minerals present. Core is very soft/crumby. Last 1m is white dried clay mush. Streaky orange oxidation for top 80cm of interval
										OR											
172.14	178.00	5.86					GRD		LT	GY	MA	1	4	SER	4	2					GRANODIORITE - same as 166.65m - 167.52m interval except sericite alteration is developed. Trace chlorite present, mafics completely altered pyrite; sericite present on fracture surfaces.
178.00	179.19	1.19					DIO		DK	GY				POT?	4						DIORITE - magnetite-flooded - this unit is ikely not diorite with magnetite-flooding but a magnetite dike
179.19	231.25	52.06					GRD		LT	GY	MA		4	SER	4						GRANODIORITE - same as 166.65m - 167.52m interval - trace chlorite present. Host rock texture is observable in zones of decreased alteration strength. Host rock is plagioclase crowded with interstial mafics and local Kspar./ Rounded porphyritic mafic xenoliths present
											PO										
231.25	231.62	0.37					GRD		LT	GY	MA		4	SER	4	2					GRANODIORITE - intense sericite alteration; disseminated pyrite throughout interval black smears on core fractures
231.62	234.32	2.70					GRD		LT	GY	MA		2	SER	4						GRANODIORITE - same as 179.19 - 231.25m interval except for decrease in silicification
234.32	235.00	0.68					GRD		LT	GY	MA			SER	3						GRANODIORITE - Propylitic alteration (chlorite present) overprint on earlier sericite alteration
									LT	GN				PRO	2						
235.00	243.81	8.81					GRD		LT	GY	PA			SER	3	1					GRANODIORITE - Patchy sericite alteration (light grey) and bleached white zones associated with chlorite stringers and zones of crumbly core. Chlorite and pyrite present throughout interval
										WH											
243.81	244.69	0.88					GRD		LT	GY	PA			SER	5						GRANODIORITE - Intense sericite alteration; core crumbly and gougey with local streaks of black sulphide.
										BK											
244.69	256.02	11.33					GRD		LT	GY	MA			SER	5	<40					GRANODIORITE - Intense sericite alteration, local white clay/gouge zones (<8cm); zones of white bleached core are crumbly. Pyrite mineralized veins present (see secondary structure log). Local disseminated pyrite (3%)
256.02	264.14	8.12					GRD		MD	GY	PA			SER	<3						FELDSPAR PORPHYRY (formerly GRANODIORITE) - weak sericite alteration with zones of moderate alteration (<60cm); local gouge and zones of crumbly white bleached core (<20cm) occur throughout interval. Frequent veining (see secondary structures log). Host rock has porphyritic texture (host rock texture mostly indeterminate)

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite	Arsenopyrite	Other			
														Type	Intensity			Type	Conc. (%)		
											PO										
264.17	268.76	4.59					MAF	fg		DK	AN										MAFIC DIKE - Black aphanitic fine-grained magnetite-rich carbonaceous mafic dike Calcite stringers common. Red stained fracture surfaces (hematite?)
268.76	271.36	2.60					GRD		LT	GY	MA		4	SER	<5						FELDSPAR PORPHYRY (formerly GRANODIORITE) - Strong sericite alteration; intense sericite alteration/clay alteration for 30cm at upper dike contact
271.36	274.49	3.13					MAF			DK	AN										MAFIC DIKE - Black aphanitic fine-grained magnetite-rich carbonaceous mafic dike Calcite stringers common. Red stained fracture surfaces (hematite?)
274.49	277.13	2.64					GRD		MD	GY	PA				SER	<3					FELDSPAR PORPHYRY (formerly GRANODIORITE) - weak sericite alteration with zones of moderate alteration (<60cm); local gouge and zones of crumbly white bleache core (<20cm) occur throughout interval. Frequent veining (see secondary structures log). Host rock has porphyritic texture (host rock texture mostly indeterminate)
											PO										
277.13	278.95	1.82					GRD		MD	GY	PA				SER	5	<20		CP	<15	FELDSPAR PORPHYRY (formerly GRANODIORITE) - intense sericite alteration with gougey seams and sulphide mineralized crackle breccia. Disseminated pyrite throughout interval (see secondary structure interval)
											BX										
278.95	279.34	0.39					MAF			DK	AN										MAFIC DIKE - Black aphanitic fine-grained magnetite-rich carbonaceous mafic dike Calcite stringers common. Red stained fracture surfaces (hematite?)
279.34	297.79	18.45					GRD		LT	GY	PA				SER	1					FELDSPAR PORPHYRY (formerly GRANODIORITE) - Porphyritic texture evident in zones of weakly altered to unaltered host rock. Zones of moderate-strong sericite alteration are associated with veining. Magnetite rich zone (<80cm) occur throughout interval and are associated with weakly altered to unaltered zones.
	EOH								MD	GY	PO				SER	<5					EOH @ 297.79m

Contact Log

Hole: NIKKI-DDH-12-01 Logger Name:

Depth (m)		DESCRIPTION
166.65		DIORITE (magnetite-flooded) - GRANODIORITE (silica-flooded) - 30 degrees to core axis - contact is sharp, undulatory
178.00		GRANODIORITE (silica-flooded) - DIORITE (magnetite-flooded) - orientation and nature of contact unknown - core is rubble
179.19		DIORITE (magnetite-flooded) - GRANODIORITE (silica-flooded) - orientation and nature of contact unknown - core is rubble
264.17		FELDSPAR PORPHYRY (formerly GRANODIORITE) - MAFIC DIKE - contact orientation unknown - core is rubble
267.76		MAFIC DIKE - FELDSPAR PORPHYRY (formerly GRANODIORITE) - contact orientation unknown - core is rubble
271.36		GRANODIORITE - MAFIC DIKE - 25 degrees to core axis; sharp contact; quartz-calcite veinlet (5mm) defines contact
274.49		MAFIC DIKE - FELDSPAR PORPHYRY (formerly GRANODIORITE) - 30 degrees to core axis; core fractured along contact plane
278.95		FELDSPAR PORPHYRY (formerly GRANODIORITE) - MAFIC DIKE - core rubble at contact;nature of contact unknown; crackle breccia in granodiorite
279.34		MAFIC DIKE - FELDSPAR PORPHYRY (formerly GRANODIORITE) - core rubble at contact;nature of contact unknown; crackle breccia in granodiorite

Secondary Structure Log

Hole: NIKKI-DDH-12-01 **Logger Name:** Nick Bueckert **Date:** September 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	4.00		40		3/m			White+pink calcite +/- chlorite veinlets (<8mm) at 40 degrees and 20 degree to core axis. Veins commonly splayed, discontinuous, and irregular	
VT	4.00		20		<1/m				
SH	4.00				5			Ductile sheering of diorite. Plagioclase and mafics have foliated fabric in zones (30cm-40cm) associated with calcite veining. Texture is best recognized in patches of propylitic alteration	
VU	6.11	6.25				py	4	Strong pervasive oxidation and associated vugs (very small <1mm). Coarse-grained disseminated pyrite mineralization in this zone	
VN	37.68	38.28	40		3	PY	15	Three sheeted calcite veins (1cm), upper two veins separated by 19cm wide zone of fine-grained disseminated pyrite. Below second vein, core is oxidized (strong pervasive) in association with oxidized limonite-scorodite? vein (40 degrees to core axis, 1.3cm) that elbows from 40 degrees to core axis to run along core axis	
VN	47.21	47.23	45		1			Grey quartz vein (<1cm), splayed and associated with limonite stringers + calcite veinlets in zone of stockwork veining (20cm)	
ST	60.88	61.33	5		1	PY	1	Epidote stringer with infrequent py clots (<4mm)	
VN	70.38	70.51	50		1			Massive milky white calcite vein/group of veins (16cm) with greenish-translucent chlorite(?) infill. No sulphide mineralization	
VT/VN	70.71		40			CT	2	Calcite and hematite veinlets common. Chlorite associated with calcite veining. Local white calcite veins (2cm) present	
			<10			HE	3		
FT	72.75	72.92			1			Fault gouge + breccia. Core crumbly, Fault orientation unknown	
FT	76.15	76.38						Fault breccia - core is crumbly with weak oxidation. Clasts are rounded (<8mm)	
DK	90.15	90.51	35		1			FELSPAR PORPHYRY DIKE - Plagioclase-phyric with reddish-brown fine-grained matrix. Calcite+/-chlorite veins (1cm) at upper and lower dike contact	
GO	91.90	92.40			1	PY	3	Light greenish-grey gouge/clay alteration (core is somewhat competent) and 30cm of brown crumbly fault gouge. Weak disseminated pyrite occurs in clay alteration	
VT	92.40	119.80	<60		<4/m	CT		Calcite+/-veinlets and stringers are common, local chlorite stringers @ 70 degrees to core axis present. Infrequent hematite veinlets to veins (<1cm) run <10 degrees to core axis	
						HE	3		
						PY	3		
VN	101.45	106.05	60		3	PY	<10	White carbonate veins (<2cm) associated with phyllic alteration (8-30cm wide zones) Disseminated pyrite occur in veins and in phyllic envelopes	
VN	118.45	118.75	<45		1			Massive vuggy chlorite-epidote+/-calcite veining (<1cm) in bleached diorite (32cm zone). Zone looks to overprint earlier magnetite flooding	
ST	126.84	128.64	60		11	PY	<3	Local chlorite+/-epidote stringers - infrequent veining with one zone 10cm consisting of four stringers. This zone is bleached white; trace disseminated pyrite present with several stringers	
<VN	128.64	166.65	40		<4/M			Frequent limonite stringers (20-80 degrees to core axis); infrequent chlorite+/-epidote+/-calcite veining (<1cm) (45 degrees to core axis); infrequent white calcite veinlets (60 degrees to core axis)	
VT	130.81	131.06	70		3	PY	<8	Three milky white quartz-calcite veinlets associated with zone of disseminated pyrite	
DK	139.35	166.65	60		6			White and pink massive coarse-grained felsic/aplite dikes (<1.2cm) 45-70 degrees to core axis	
VN	164.72	164.82	15		1			Pinkish white massive ankerite vein (<1cm)	
<VN	164.82	197.00	40		6/m			Infrequent white calcite stringers to veinlets, local massive calcite veins (<1cm); epidote commonly associated with veining	
GO	190.93	191.96	70		1			Black stained clay in crumbly core (15cm zone) - black colour from crushed sulphide(?)	

Secondary Structure Log

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
GO	243.81	244.30	85		1			Black and grey clay gouge, no visible pyrite/sulphide mineralization	
VN	249.28	250.00	40		3	PY	<40	Three veins (4cm, 8cm, 3cm). Upper two - semi-massive pyrite mineralization (30%-40%) hosted in massive pinkish white anhydrite(?) vein (soft, no effervescence). Greyish-white gouge with black sulphide associated with veins. Lower vein - thin banded black sulphide-calcite vein (1cm)	
VT	250.00	255.25	<90		20/M	PY	<6	Netted white quartz veinlets and minor vein gouge. Local pyrite veinlets	
VN	254.57	254.78	50		4	PY	<100	Three massive pyrite veinlets (<9mm) and one massive greyish-white quartz vein (2.5cm) hosting trace stringy pyrite (30%) in dark grey zones of weak clay alteration	
VN	255.23	255.25	55		1	PY	6	Massive grey-white quartz vein (3cm) hosting disseminated to blebby pyrite mineralization	
VT	255.25	259.47	<90		10/M	PY	3	General decrease in netted white quartz veining and gouge zones. Local white quartz veins (<1cm) hosting trace disseminated pyrite	
GO	259.47	259.75	45		1	PY	1	Light grey-white gouge, trace disseminated pyrite and sericite	
VT	259.75	262.00	<90		20/M	PY	3	Netted white quartz+/-calcite veinlets cross-cut by infrequent pyrite veinlets	
VT	277.13	277.28	45		3	PY	<100	Three massive pyrite veinlets (4mm, 7mm, 9mm)	
BX	277.28	278.18				PY	<85	Crackle breccia - White clay matrix hosts moderate disseminated pyrite (8%), pyrite stringers, and local massive clotty intergrown pyrite(85%)-chalcopyrite(15%)	
						PY	8		
						CP	<15		
VT	278.95	297.79	<90		6/M	PY	4	Netted white quartz-calcite veinlets and sheeted pyrite stringers (@35 degrees to core axis) occur throughout interval; One hematite present (9mm) (281.60m)	
VN	282.94	282.97	30		1	py	6	Massive quartz vein (1.5cm) hosting stringy black sulphide and blebby pyrite (6%); minor grey vein gouge occurs along vein walls.	
VN	284.18	284.31	40		1	py	25	Massive pyrite mineralization (3cm band) hosted in grey-white quartz and clay alteration (12cm); pyrite occurs as band at bottom of interval. Disseminated pyrite throughout interval	
VN	286.03	286.74	10		3	py	<5	Two translucent quartz veins (1cm) 70 degrees, 10 degrees to core axis. Upper vein hosts midline pyrite string. Lower vein is not mineralized. Lowest vein is massive white calcite (1cm)	
VN	293.34	293.36	70		1	py	25	Massive translucent quartz vein (3cm) hosting semi-massive pyrite band (8mm)	
VN	295.67	295.69	70		1	py	3	Massive translucent quartz vein (2cm) hosting semi-massive pyrite string.	

Density Log

Hole: NIKKI-DDH-12-01 **Date:** Sep-12

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
			2001.4	1739.6								7.644767	Standard 2kg weight
14.32	8.6	4.1	338.1	220.9	DIO	MA	POT?	4			2.977756	2.884812	Magnetite flooded diorite
47.15	11.1	4.1	377.1	225	DIO	MA	POT?	4			2.573214	2.47929	Magnetite flooded diorite with grey quartz vein (1.3cm)
37.75	10.4	4.1	447.5	312.8	DIO	DI	POT?	4	PY	15	3.259133	3.322197	Magnetite flooded diorite with fine-grained disseminated pyrite
63.10	10.1	4.1	369.8	231	DIO	MA	POT?	3			2.773243	2.664265	Massive magnetite-Kspar-bearing diorite
87.47	12.3	4.1	420.1	268.8	DIO	MA	POT?	4			2.586962	2.776603	Magnetite flooded diorite
111.85	10.5	4.1	372.2	238.9	DIO	MA	POT?	4			2.684908	2.792198	Magnetite flooded diorite
120.30	10.6	4.1	401.7	257.3	DIO	MA	PRO	2			2.870373	2.781856	Chlorite altered diorite
145.38	12.3	4.1	470.8	386.2	DIO	MA	POT?	4			2.89917	5.565012	Magnetite flooded diorite
173.00	9.7	4.1	308.4	192.4	GRD	MA	SIL	4			2.408158	2.658621	Silica-flooded, sericite alteration
							SER	4					
190.20	7.2	4.1	257.8	160.5	GRD	MA	SIL	4			2.71202	2.649538	Silica-flooded, sericite alteration
							SER	4					
206.75	11.4	4.1	410.2	256.8	GRD	MA	SIL	4			2.725419	2.674055	Silica-flooded, sericite alteration
							SER	4					
229.50	12.4	4.1	436.7	271.8	GRD	MA	SIL	4			2.667497	2.648272	Silica-flooded, sericite alteration
							SER	4					
242.00	12.4	4.1	408.5	253.1	GRD	MA	SIL	4			2.495243	2.6287	Silica-flooded, sericite alteration
							SER	4					
255.15	12.3	4.1	440.5	279.4	GRD	MA	SER	4	PY	2	2.712584	2.734327	Sericite alteration and 3cm quartz vein hosting blebby pyrite (8% of vein, 2% of sample)
272.80	14	4.1	499.1	315	MAF	AN					2.700237	2.711027	Carbonaceous, magnetic mafic dike
284.15	15.1	4.1	596.7	392.9	GRD	MA			PY	25	2.993102	2.92787	Massive pyrite mineralization in grey clay-quartz altered zone

Sample Log

Hole: NIKKI-DDH-12-01

Date:

Sep-12

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
4	6	2	1.85	92.5	M653128	1				
6	7	1	0.86	86	M653129	1				
7	8.22	1.22	1.15	94.3	M653130	1				
8.22	11.27	3.05	2.93	96.1	M653131	1				
11.27	14.32	3.05	3.05	100	M653132	1				
					M653133	1				STANDARD ML-2
14.32	17.37	3.05	3.05	100	M653134	1				
17.37	20.42	3.05	2.88	94.4	M653135	1				
20.42	21.77	1.35	1.65	122	M653136	1				
21.77	24.55	2.78	2.78	100	M653137	1				
					M653138	1				COARSE REJECT DUPLICATE
24.55	26.35	1.8	1.8	100	M653139	1				
26.35	29.4	3.05	3.05	100	M653140	1				
29.4	32.45	3.05	3.05	100	M653141	1				
					M653142	1				STANDARD ML-2
32.45	34.33	1.88	1.88	100	M653143	1				
34.33	37.33	3	3	100	M653144	1				
37.33	38.33	1	1	100	M653145	1				
					M653146	1				BLANK
38.33	39.76	1.43	1.43	100	M653147	1				
39.76	41.75	1.99	1.79	89.9	M653148	1				
41.75	43.41	1.66	1.54	92.8	M653149	1				
43.41	44.8	1.39	1.39	100	M653150	1				
					M650044	1				1/4 DUPLICATE
44.8	47.85	3.05	3.05	100	M650045	1				
47.85	50.9	3.05	2.93	96.1	M650046	1				
50.9	52.4	1.5	1.5	100	M650047	1				
52.4	53.95	1.55	1.07	69	M650048	1				Rubbley core, poor recovery
53.95	55.45	1.5	1.42	94.7	M650049	1				
55.45	57	1.55	1.39	89.7	M650050	1				
57	59.48	2.48	1.59	64.1	M354701	1				Rubbley core, poor recovery
					M354702	1				BLANK
59.48	62.48	3	3	100	M354703	1				
62.48	64.36	1.88	1.86	98.9	M354704	1				
64.36	66.14	1.78	1.41	79.2	M354705	1				
66.14	69.18	3.04	2.8	92.1	M354706	1				
69.18	70.38	1.2	1.15	95.8	M354707	2				
70.38	71.38	1	1	100	M354708	2				
71.38	74.01	2.63	2.55	97	M354709	2				
74.01	76.38	2.37	1.87	78.9	M354710	2				Fault zone, crumbly core, poor recovery
					M354711	2				STANDARD ML-2
76.38	78.33	1.95	1.32	67.7	M354712	2				Fault zone, crumbly core, poor recovery
78.33	81.38	3.05	2.51	82.3	M354713	2				Fault zone, crumbly core, poor recovery
81.38	83.28	1.9	1.07	56.3	M354714	2				Fault zone, crumbly core, poor recovery
83.28	85.45	2.17	2.17	100	M354715	2				
85.45	86.97	1.52	1.22	80.3	M354716	2				
					M354717	2				COARSE REJECTED DUPLICATE
86.97	89.46	2.49	2	80.3	M354718	2				
89.46	91.9	2.44	2.4	98.4	M354719	2				
91.9	93.57	1.67	1.22	73.1	M354720	2				Fault zone poor recovery
93.57	96.62	3.05	2.89	94.8	M354721	2				
96.62	99.42	2.8	2.62	93.6	M354722	2				
99.42	100.42	1	1	100	M354723	2				
					M354724	2				1/4 DUPLICATE
100.42	102.54	2.12	2.12	100	M354725	2				
102.54	105.54	3	2.7	90	M354726	2				
105.54	108.59	3.05	3.03	99.3	M354727	2				
108.59	110.89	2.3	2.03	88.3	M354728	2				
					M354729	2				BLANK
110.89	112.34	1.45	1.45	100	M354730	2				

Sample Log

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
112.34	115.34	3	2.94	98	M354731	2				
115.34	117.95	2.61	2.4	92	M354732	2				
117.95	118.95	1	1	100	M354733	2				
118.95	120.85	1.9	1.7	89.5	M354734	2				
					M354735	2				STANDARD ML-2
120.85	122.7	1.85	1.45	78.4	M354736	2				
122.7	124.84	2.14	2	93.5	M354737	2				
124.84	127.61	2.77	2.77	100	M354738	2				
127.61	128.73	1.12	1.01	90.2	M354739	2				
					M354740	2				BLANK
128.73	130.79	2.06	2.05	99.5	M354741	2				
130.79	133.2	2.41	1.26	52.3	M354742	2				Core rubblely, poor recovery
133.2	136.24	3.04	2.34	77	M354743	3				Core rubblely, poor recovery
136.24	139.29	3.05	3	98.4	M354744	3				
139.29	142.34	3.05	3.05	100	M354745	3				
142.34	145.38	3.04	3.04	100	M354746	3				
					M354747	3				STANDARD ML-1
145.38	148.43	3.05	2.18	71.5	M354748	3				Core rubblely, poor recovery
148.43	151.48	3.05	1.8	59	M354749	3				Core rubblely, poor recovery
151.48	154.53	3.05	2.13	69.8	M354750	3				
154.53	156.11	1.58	1.55	98.1	M354751	3				
					M354752	3				1/4 DUPLICATE
156.11	157.8	1.69	1.44	85.2	M354753	3				
157.8	160.85	3.05	2.92	95.7	M354754	3				
160.85	163.68	2.83	2.81	99.3	M354755	3				
163.68	166.72	3.04	2.02	66.4	M354756	3				Core rubblely, poor recovery
166.72	169.5	2.78	1.49	53.6	M354757	3				Core rubblely, poor recovery
					M354758	3				BLANK
169.5	172.14	2.64	1.88	71.2	M354759	3				Core rubblely, poor recovery
172.14	173.23	1.09	1.02	93.6	M354760	3				
173.23	175.87	2.64	2.11	79.9	M354761	3				
175.87	178	2.13	1.83	85.9	M354762	3				
178	179.19	1.19	0.98	82.4	M354763	3				
179.19	181.96	2.77	2.18	78.7	M354764	3				
					M354765	3				COARSE REJECT DUPLICATE
181.96	185.01	3.05	2.6	85.2	M354766	3				
185.01	188.06	3.05	2.9	95.1	M354767	3				
188.06	191.11	3.05	2.7	88.5	M354768	3				
191.11	194.16	3.05	2.6	85.2	M354769	3				
					M354770	3				STANDARD ML-1
194.16	197.21	3.05	3.05	100	M354771	3				
197.21	200.26	3.05	2.48	81.3	M354772	3				
200.26	203.3	3.04	2.99	98.4	M354773	3				
203.3	206.35	3.05	2.7	88.5	M354774	3				
					M354775	3				BLANK
206.35	207.88	1.53	1.51	98.7	M354776	3				
207.88	209.4	1.52	1.45	95.4	M354777	3				
209.4	212.45	3.05	2.43	79.7	M354778	3				
212.45	215.5	3.05	2.97	97.4	M354779	4				
215.5	218.55	3.05	2.7	88.5	M354780	4				
218.55	221.59	3.04	2.68	88.2	M354781	4				
221.59	224.64	3.05	1.94	63.6	M354782	4				Core rubblely, poor recovery
224.64	227.69	3.05	2.4	78.7	M354783	4				Core rubblely, poor recovery
					M354784	4				STANDARD ML-1
227.69	230.74	3.05	2.43	79.7	M354785	4				Core rubblely, poor recovery
230.74	232	1.26	1.26	100	M354786	4				
232	234.56	2.56	2.15	84	M354787	4				
234.56	236	1.44	1.34	93.1	M354788	4				
236	237.83	1.83	1.72	94	M354789	4				
					M354790	4				STANDARD ML-5
237.83	239.2	1.37	1.2	87.6	M354791	4				
239.2	242	2.8	2.8	100	M354792	4				
242	243.78	1.78	1.58	88.8	M354793	4				
243.78	245.01	1.23	1.2	97.6	M354794	4				
					M354795	4				BLANK
245.01	246.46	1.45	1.45	100	M354796	4				

Sample Log

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
246.46	247.53	1.07	1.06	99.1	M354797	4				
247.53	249.2	1.67	1.55	92.8	M354798	4				
249.2	250.2	1	1	100	M354799	4				
250.2	251.66	1.46	1.37	93.8	M354800	4				
					M354801	4				BLANK
251.66	253.07	1.41	1.36	96.5	M354802	4				
253.07	254.56	1.49	1.45	97.3	M354803	4				
254.56	255.56	1	1	100	M354804	4				
255.56	257.33	1.77	1.77	100	M354805	4				
257.33	258.38	1.05	1.05	100	M354806	4				
258.38	259.54	1.16	1.16	100	M354807	4				
					M354808	4				1/4 DUPLICATE
259.54	260.54	1	0.99	99	M354809	4				
260.54	261.96	1.42	1.26	88.7	M354810	4				
261.96	264.12	2.16	1.75	81	M354811	4				
					M354812	4				COARSE REJECT DUPLICATE
264.12	265.12	1	1	100	M354813	4				
265.12	267.31	2.19	1.61	73.5	M354814	4				Core rubblely, poor recovery
267.31	268.78	1.47	1.42	96.6	M354815	5				
268.78	271.05	2.27	1.59	70	M354816	5				Core rubblely, poor recovery
271.05	272.05	1	1	100	M354817	5				
272.05	274.55	2.5	2.5	100	M354818	5				
					M354819	5				STANDARD ML-5
274.55	277.1	2.55	2.52	98.8	M354820	5				
277.1	278.68	1.58	1.55	98.1	M354821	5				
					M354822	5				BLANK
278.68	281.68	3	2.85	95	M354823	5				
281.68	283.41	1.73	1.73	100	M354824	5				
283.41	284.41	1	1	100	M354825	5				
					M354826	5				BLANK
284.41	285.6	1.19	1.11	93.3	M354827	5				
285.6	288.65	3.05	3.03	99.3	M354828	5				
288.65	291.7	3.05	2.94	96.4	M354829	5				
291.7	292.98	1.28	1.28	100	M354830	5				
					M354831	5				COARSE REJECT DUPLICATE
292.98	294.68	1.7	1.7	100	M354832	5				
294.68	297.79	3.11	3.09	99.4	M354833	5				EOH @ 297.79m

Geotechnical Log

Hole: NIKKI-DDH-12-01 Tech Name: LB

Date: September 2012

											DESCRIPTION
From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	
8.22	11.27	3.05	2.87	94	1.16	38		3s			
11.27	14.32	3.05	2.98	98	1.90	62		3s			
14.32	17.37	3.05	2.99	98	2.34	77		3s			
17.37	20.42	3.05	2.60	85	2.12	70		3s			
20.42	23.46	3.04	3.00	99	1.79	59		3s			
23.46	26.51	3.05	3.00	98	2.25	74		3s			
26.51	29.56	3.05	3.02	99	2.55	84		3s			
29.56	32.61	3.05	3.01	99	2.90	95		3s			
32.61	35.66	3.05	3.00	98	2.56	84		3s			
35.66	38.70	3.04	2.92	96	2.32	76		3s			
38.70	41.75	3.05	2.83	93	1.87	61		3s			
41.75	44.80	3.05	2.86	94	1.83	60		3s			
44.80	47.85	3.05	2.99	98	2.12	70		3s			
47.85	50.90	3.05	2.66	87	2.10	69		3s			
50.90	53.95	3.05	2.26	74	1.25	41		3s			
53.95	57.00	3.05	2.62	86	0.84	28		3s			
57.00	60.05	3.05	2.22	73	0.62	20		3s			
60.05	63.10	3.05	3.00	98	2.63	86		3s			
63.10	66.14	3.04	2.80	92	1.57	52		3s			
66.14	69.18	3.04	2.75	90	1.39	46		3s			
69.18	72.23	3.05	2.90	95	1.48	49		3s			
72.23	75.28	3.05	2.40	79	0.80	26		3s			
75.28	78.33	3.05	2.10	69	0.40	13		3s			
78.33	81.38	3.05	2.50	82	0.67	22		3s			
81.38	84.42	3.04	2.23	73	0.56	18		3s			
84.42	87.47	3.05	2.79	91	1.24	41		3s			
87.47	90.52	3.05	2.68	88	1.49	49		3s			
90.52	93.57	3.05	2.15	70	0.80	26		3s			
93.57	96.62	3.05	2.75	90	2.00	66		3s			

Geotechnical Log

From (m) To (m) Interval (m)			Recovery (m) Recovery (%)		RQD (m) RQD (%)		HCl Reactivity Hardness		Strength Weathering		DESCRIPTION
96.62	99.66	3.04	2.78	91.4	1.57	51.64					
99.66	102.71	3.05	2.53	83	2.14	70.16					
102.71	105.76	3.05	2.87	94.1	0.51	16.72					
105.76	108.81	3.05	3.03	99.3	2.12	69.51					
108.81	111.86	3.05	2.65	86.9	2.00	65.57					
111.86	114.90	3.04	2.90	95.4	2.01	66.12					
114.90	117.95	3.05	2.54	83.3	1.22	40					
117.95	121.00	3.05	2.70	88.5	1.80	59.02					
121.00	124.05	3.05	2.50	82	0.35	11.48					
124.05	127.10	3.05	2.92	95.7	1.62	53.11					
127.10	130.15	3.05	2.58	84.6	1.66	54.43					
130.15	133.20	3.05	1.78	58.4	0.62	20.33					
133.20	136.24	3.04	1.69	55.6	0.60	19.74					
136.24	139.29	3.05	1.77	58	0.80	26.23					
139.29	142.34	3.05	2.82	92.5	1.49	48.85					
142.34	145.38	3.04	2.66	87.5	1.29	42.43					
145.38	148.43	3.05	1.93	63.3	0.60	19.67					
148.43	151.48	3.05	1.56	51.1	0.25	8.197					
151.48	154.53	3.05	2.05	67.2	1.04	34.1					
154.53	157.58	3.05	2.63	86.2	1.46	47.87					
157.58	160.63	3.05	2.90	95.1	0.94	30.82					
160.63	163.68	3.05	2.65	86.9	1.87	61.31					
163.68	166.72	3.04	1.45	47.5	0.66	21.71					
166.72	169.77	3.05	0.55	18.1	0.00	0					
169.77	172.82	3.05	2.05	67.2	0.14	4.59					
172.82	175.87	3.05	2.14	70.2	0.24	7.869					
175.87	178.91	3.04	2.30	75.4	0.00	0					
178.91	181.96	3.05	2.17	71.4	0.00	0					
181.96	185.01	3.05	2.40	78.7	0.50	16.39					
185.01	188.06	3.05	2.68	87.9	0.13	4.262					
188.06	191.16	3.05	2.32	76.1	1.40	45.9					
191.11	194.16	3.10	2.32	76.1	0.70	22.58			3s		

Geotechnical Log

											DESCRIPTION
From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	
194.16	197.21	3.05	2.85	91.9	0.94	30.82			3s		
197.21	200.26	3.05	2.20	72.1	0.16	5.246			3s		
200.26	203.30	3.05	1.68	55.1	0.64	20.98			3s		
203.30	206.35	3.04	2.30	75.4	0.90	29.61			3s		
206.35	209.40	3.05	2.79	91.8	0.95	31.15			3s		
209.40	212.45	3.05	1.67	54.8	0.13	4.262			3s		
212.45	215.50	3.05	2.82	92.5	0.36	11.8			3s		
215.50	218.55	3.05	2.18	71.5	0.00	0			3s		
218.55	221.59	3.05	2.32	76.1	0.00	0			3s		
221.59	224.64	3.04	2.27	74.4	0.00	0			3s		

Hole: NIKKI-DDH-12-01 Tech Name: L. Bueckert Sep-12

From (m)	To (m)	Interval (m)	Joint Sets						DESCRIPTION
			Attitude (TCA)	Spacing (m)	Gouge Width (mm)	Shape	Roughness	Weathering	
8.22	11.27	3.05	65.00			1-2	1.00		
11.27	14.32	3.05	60.00			1.00	1.00		
14.32	17.37	3.05	45.00			1.00	1.00		
17.37	20.42	3.05	70.00			1.00	1.00		
20.42	23.46	3.04	50.00			2.00	1.00		
23.46	26.51	3.05	65.00			41306.00	1.00		
26.51	29.56	3.05	60.00			1.00	1.00		
29.56	32.61	3.05	40.00			1.00	1.00		
32.61	35.66	3.05	45.00			1.00	1.00		
35.66	38.70	3.04	65.00			1.00	1.00		
38.70	41.75	3.05	55.00			1.00	1.00		
41.75	44.80	3.05	55.00			1.00	1.00		
44.80	47.85	3.05	75.00			1.00	1.00		
47.85	50.90	3.05	70.00			1.00	1.00		
50.90	53.95	3.05	70.00			2.00	1.00		
53.95	57.00	3.05	60.00			1-2	1.00		
57.00	60.05	3.05	70.00			irreg	1.00		a lot of rubble
60.05	63.10	3.05	40.00			1-2	1.00		
63.10	66.14	3.04	50.00			irreg	1.00		
66.14	69.18	3.04	60.00			1.00	1.00		
69.18	72.23	3.05	65.00			1.00	1.00		
72.23	75.28	3.05	65.00			1.00	1.00		
75.28	78.33	3.05	60.00			1.00	1.00		
78.33	81.38	3.05	60			1.00	1.00		
81.38	84.42	3.04	70			1	1.00		irreg
84.42	87.47	3.05	60			1	1.00		
87.47	90.52	3.05	60			1	1.00		
90.52	93.57	3.05	55			1	1.00		irreg
93.57	96.62	3.05	60			1	1.00		irreg
96.62	99.66	3.04	60			1	1.00		
99.67	102.71	3.04	55			1	1.00		
102.72	105.76	3.04	60			1	1.00		
105.77	108.81	3.04	55			1	1.00		
108.82	111.86	3.04	55			1	1.00		
111.87	114.90	3.03	70			1	1.00		

GEOTECHNICAL JOINT LOG

114.92	117.95	3.03	60			1	1.00	irregular and rubbleish
117.97	121.00	3.03	55			1	1.00	
121.02	124.05	3.03	65			1	1.00	
124.07	127.10	3.03	55			1	1.00	
127.12	130.15	3.03	50			1	1.00	
130.17	133.20	3.03	70			1	1.00	mostly rubble
133.22	136.24	3.02	60			1	1.00	
136.27	139.29	3.02	55			1	1.00	
139.32	142.34	3.02	65			1	1.00	
142.37	145.38	3.01	60			1	1.00	
145.42	148.43	3.01	60			1	1.00	
148.47	151.48	3.01				2	2.00	lots of rubble
151.52	154.53	3.01	65			1	1.00	
154.57	157.58	3.01	65			1	1.00	
157.62	160.63	3.01	55			1	1.00	
160.67	163.68	3.01	65			1	1.00	
163.72	166.72	3.00	60			1	1.00	rubble
166.77	169.77	3.00				1	1.00	mostly rubble
169.82	172.82	3.00				1	1.00	mostly mud
172.87	175.87	3.00	70			1	1.00	rubble
175.92	178.91	2.99				2	1.00	rubble
178.97	181.96	2.99	70			1	1.00	rubble
182.02	185.01	2.99	70			2	1.00	
185.07	188.06	2.99	60			1	1.00	rubble
188.06	191.16	3.10	65			1	1.00	
191.11	194.16	3.05	75			1	1.00	
194.16	197.21	3.05	75			1	1.00	rubble
197.21	200.26	3.05	70			1	1.00	rubble
200.26	203.30	3.04	60			1	1.00	
203.30	206.35	3.05	65			1	1.00	
206.35	209.40	3.05	65			1	1.00	
209.40	212.45	3.05	80			2	1.00	mostly rubble
212.45	215.50	3.05	60			1	1.00	a lot of rubble
215.50	218.55	3.05	60			2	1.00	
218.55	221.59	3.04	60			1	1.00	mostly rubble
221.59	224.64	3.05	70			1	1.00	rubble
224.64	227.69	3.05	75			1	2.00	
227.69	230.74	3.05	65			2	1.00	
230.74	233.78	3.04	60			2	2.00	

233.78	236.83	3.05		55			2	2.00		
236.83	239.88	3.05		65			2	2.00		
239.88	242.93	3.05		55			2	1.00		
242.93	245.98	3.05		60			1	1.00		
245.98	249.02	3.04		60			1	1.00		
249.02	252.07	3.05		60			1	1.00		
252.07	255.12	3.05		60			1	1.00		
255.12	258.17	3.05		60			2	1.00		
258.17	261.21	3.04		60			1	1.00		
261.21	264.26	3.05		60			1	1.00		mostly rubble
264.26	267.31	3.05		60			2	1.00		
267.31	270.36	3.05		60			1	1.00		
270.36	273.41	3.05		50			1	1.00		
273.41	276.46	3.05		55			2	1.00		
276.46	279.50	3.04		60			2	1.00		
279.50	282.55	3.05		60			1	1.00		
282.55	285.60	3.05		60			1	1.00		
285.60	288.65	3.05		60			1	1.00		
288.65	291.70	3.05		60			1	1.00		
291.70	294.74	3.04		65			1	1.00		
294.74	297.79	3.05		60			1	1.00		EOH

Magnetic Susceptibility Log

Hole: NIKKI-DDH-12-01 Date: September 2012

Depth (m)	Magnetic Susceptibility	DESCRIPTION
1.00		
2.00		
3.00		
4.00		
5.00		
6.00		
7.00		
8.00		
9.00		
10.00		
11.00		
12.00		
13.00		
14.00		
15.00		
16.00		
17.00		
18.00		
19.00		
20.00		
21.00		
22.00		
23.00		
24.00		
25.00		
26.00		
27.00		
28.00		
29.00		
30.00		
31.00		
32.00		
33.00		
34.00		
35.00		
36.00		
37.00		
38.00		
39.00		
40.00		
41.00		
42.00		
43.00		
44.00		
45.00		
46.00		
47.00		
48.00		
49.00		
50.00		
51.00		
52.00		

Magnetic Susceptibility Log

Depth (m)	Magnetic Susceptibility	DESCRIPTION
53.00		
54.00		
55.00		
56.00		
57.00		
58.00		
59.00		
60.00		
61.00		
62.00		
63.00		
64.00		
65.00		
66.00		
67.00		
68.00	31.21	
69.00	26.93	
70.00	38.42	
71.00	41.92	
72.00	7.50	
73.00	46.84	
74.00	1.48	
75.00	1.32	
76.00	9.51	
77.00	42.91	
78.00	30.00	
79.00	26.53	
80.00	19.08	
81.00	42.94	
82.00	23.64	
83.00	24.69	
84.00	19.94	
85.00	56.83	
86.00	33.49	
87.00	22.17	
88.00	40.96	
89.00	15.37	
90.00	22.81	
91.00	4.10	
92.00	3.59	
93.00	18.33	
94.00	31.88	
95.00	17.04	
96.00	36.86	
97.00	42.70	
98.00	46.78	
99.00	26.56	
100.00	11.51	
101.00	14.03	
102.00	4.66	
103.00	17.90	
104.00	12.33	
105.00	54.59	

Magnetic Susceptibility Log

Depth (m)	Magnetic Susceptibility	DESCRIPTION
106.00	2.34	
107.00	28.89	
108.00	26.00	
109.00	7.05	
110.00	32.83	
111.00	4.36	
112.00	24.98	
113.00	35.59	
114.00	15.36	
115.00	47.85	
116.00	2.81	
117.00	10.71	
118.00	11.63	
119.00	26.65	
120.00	18.48	
121.00	16.90	
122.00	15.04	
123.00	14.85	
124.00	15.89	
125.00	22.68	
126.00	13.01	
127.00	50.23	
128.00	41.75	
129.00	21.35	
130.00	32.56	
131.00	25.92	
132.00	24.94	
133.00	32.31	
134.00		
135.00	20.85	
136.00	27.88	
137.00	13.37	
138.00	27.27	
139.00	45.13	
140.00	49.11	
141.00	36.84	
142.00	43.12	
143.00	43.24	
144.00	24.69	
145.00	27.85	
146.00	39.77	
147.00	41.90	
148.00	23.10	
149.00	14.55	
150.00	26.94	
151.00	29.92	
152.00	52.49	
153.00	29.90	
154.00	31.11	
155.00	27.35	
156.00	58.88	
157.00	40.62	
158.00	41.96	

Magnetic Susceptibility Log

Depth (m)	Magnetic Susceptibility	DESCRIPTION
159.00	34.08	
160.00	34.16	
161.00	42.31	
162.00	36.78	
163.00	29.03	
164.00	56.05	
165.00		
166.00	0.41	
167.00	28.95	
168.00		
169.00	1.96	
170.00	0.53	
171.00	0.79	
172.00	0.87	
173.00	1.04	
174.00	0.75	
175.00	0.10	
176.00	0.05	
177.00	0.12	
178.00	4.83	
179.00	0.05	
180.00	1.24	
181.00	0.05	
182.00	0.89	
183.00	0.29	
184.00	0.14	
185.00	0.03	
186.00	0.16	
187.00	0.27	
188.00	0.71	
189.00	0.13	
190.00	0.13	
191.00	0.12	
192.00	0.51	
193.00	0.21	
194.00	0.46	
195.00	0.13	
196.00	0.17	
197.00	2.10	
198.00	0.11	
199.00	0.06	
200.00	0.14	
201.00	0.09	
202.00	0.06	
203.00	0.37	
204.00	0.14	
205.00	0.09	
206.00	0.28	
207.00	0.11	
208.00	0.13	
209.00	0.47	
210.00	6.19	
211.00	2.72	

Magnetic Susceptibility Log

Depth (m)	Magnetic Susceptibility	DESCRIPTION
212.00	4.58	
213.00	2.88	
214.00	0.57	
215.00	5.53	
216.00	12.99	
217.00	3.45	
218.00	1.06	
219.00	1.21	
220.00	0.37	
221.00	0.23	
222.00	1.34	
223.00	6.09	
224.00	10.14	
225.00	2.07	
226.00	0.61	
227.00	5.45	
228.00	13.10	
229.00	4.35	
230.00	8.07	
231.00	21.46	
232.00	0.44	
233.00	1.59	
234.00	2.83	
235.00	0.46	
236.00	0.32	
237.00	4.73	
238.00	0.14	
239.00	0.51	
240.00	19.70	
241.00	4.32	
242.00	1.50	
243.00	2.88	
244.00	0.62	
245.00	0.44	
246.00	6.42	
247.00	0.76	
248.00	0.18	
249.00	0.33	
250.00	14.95	
251.00	11.74	
252.00	24.84	
253.00	3.17	
254.00	0.17	
255.00	0.16	
256.00	0.38	
257.00	0.36	
258.00	3.55	
259.00	4.80	
260.00	2.08	
261.00	30.36	
262.00	0.79	
263.00	1.00	
264.00	10.27	

Magnetic Susceptibility Log

Depth (m)	Magnetic Susceptibility	DESCRIPTION
265.00	15.85	
266.00	52.36	
267.00	38.03	
268.00	19.77	
269.00	0.30	
270.00	0.93	
271.00	4.67	
272.00	43.70	
273.00	39.06	
274.00	19.97	
275.00	1.67	
276.00	1.28	
277.00	0.14	
278.00	23.95	
279.00	5.13	
280.00	3.12	
281.00	23.81	
282.00	5.96	
283.00	1.47	
284.00	0.41	
285.00	0.37	
286.00	4.29	
287.00	0.12	
288.00	0.04	
289.00	0.20	
290.00	0.48	
291.00	0.35	
292.00	2.17	
293.00	0.29	
294.00	0.31	
295.00	2.87	
296.00	2.24	
297.00	0.61	

Box Log

Hole: NIKKI-DDH-12-01 Date: Sept 2012

Box #	From (m)	To (m)
1	4.00	9.00
2	9.00	14.51
3	14.51	20.42
4	20.42	25.25
5	25.25	30.51
6	30.51	36.00
7	36.00	41.75
8	41.75	47.09
9	47.09	52.57
10	52.57	58.60
11	58.60	63.10
12	63.10	67.86
13	67.86	73.80
14	73.80	79.72
15	79.72	85.73
16	85.73	91.90
17	91.90	97.60
18	97.60	102.71
19	102.71	107.86
20	107.86	112.88
21	112.88	118.80
22	118.80	124.05
23	124.05	126.33
24	126.33	135.60
25	135.60	141.13
26	141.13	147.50
27	147.50	154.16
28	154.16	159.50
29	159.50	164.52
30	164.52	172.25
31	172.25	177.30
32	177.30	182.55
33	182.55	187.80
34	187.80	194.37
35	194.37	197.90
36	197.90	203.30
37	203.30	208.95
38	208.95	213.70
39	213.70	218.55
40	218.55	224.52
41	224.52	230.10
42	230.10	235.50
43	235.50	240.09
44	240.09	246.93
45	246.93	252.49
46	252.49	258.17
47	258.17	263.50
48	263.50	268.20
49	268.20	273.41
50	273.41	278.95
51	278.95	283.91
52	283.91	289.52
53	289.52	294.96
54	294.96	297.79
		EOH

APPENDIX IV
STATEMENT OF EXPENDITURES

Statement of Expenditures
Nikki 1-40 Mineral Claims
October 29, 2012

Contract Diamond Drilling

Beaudoin Diamond Drilling Ltd.

\$61,728.91