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ASSESSMENT REPORT

describing

GEOLOGICAL MAPPING, SOIL GEOCHEMISTRY, GEOPHYICAL SURVEYS AND DIAMOND DRILLING

at the

NIKKI PROPERTY

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

NTS 115K/02
Latitude 62º03'N; Longitude 140º58'W

in the

Whitehorse Mining District
Southwestern Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

STRATEGIC METALS LTD.

by

Crystal J. Chung, B.Sc., GIT

February 2011

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INTRODUCTION

The Nikki property is located within the Kluane Ranges of southwestern Yukon, and is owned 100% by Strategic Metals Ltd. It was staked in June 2004 to cover a gold-copper porphyry target marked by an aeromagnetic high and strongly anomalous results from a regional stream sediment geochemical survey.

The 2010 exploration program was conducted by Archer, Cathro & Associates (1981) Limited on behalf of Strategic Metals under the supervision of H. Smith, B.Sc. P.Geo. The work was completed in the period between June 15 and July 27, 2010. The program consisted of geological mapping, prospecting, soil sampling and diamond drilling. All of the work was helicopter supported. The author's Statement of Qualifications appears in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Nikki property consists of 40 contiguous mineral claims located in southwestern Yukon at latitude 62º03'N and longitude 140º58'W on NTS map sheet 115 K/02.

The general location of the property is shown on Figure 1 while the locations of individual claims are displayed on Figure 2. 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. The claims cover an area of approximately 800 hectares. Mineral claim tenure information is summarized as follows.

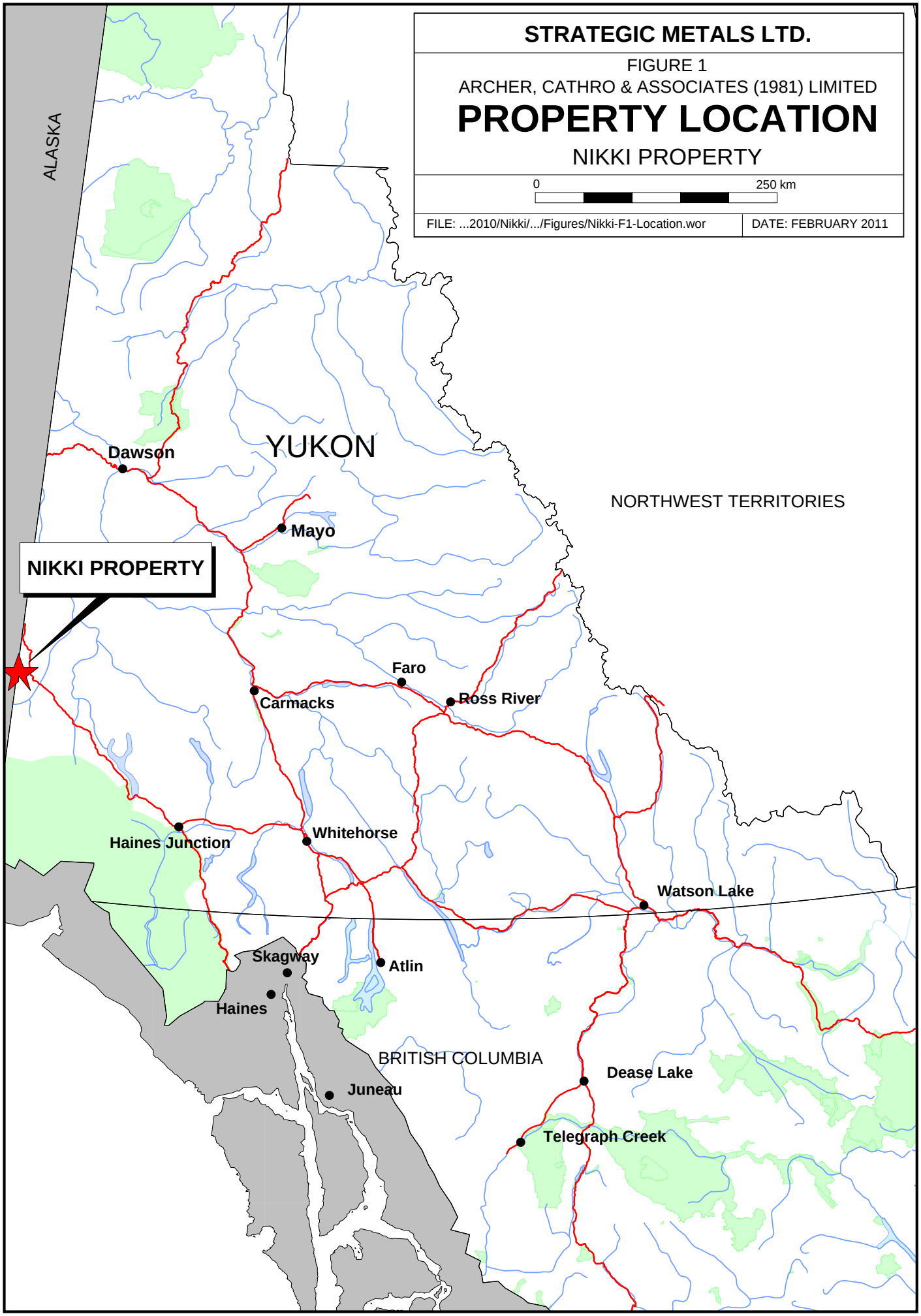
Claim Name	Grant Number	Expiry Date*
Nikki 1-26	YC29867-YC29892	March 17, 2014
27-34	YC29969-YC29976	March 17, 2014
35-40	YC47495-YC47500	March 17, 2012

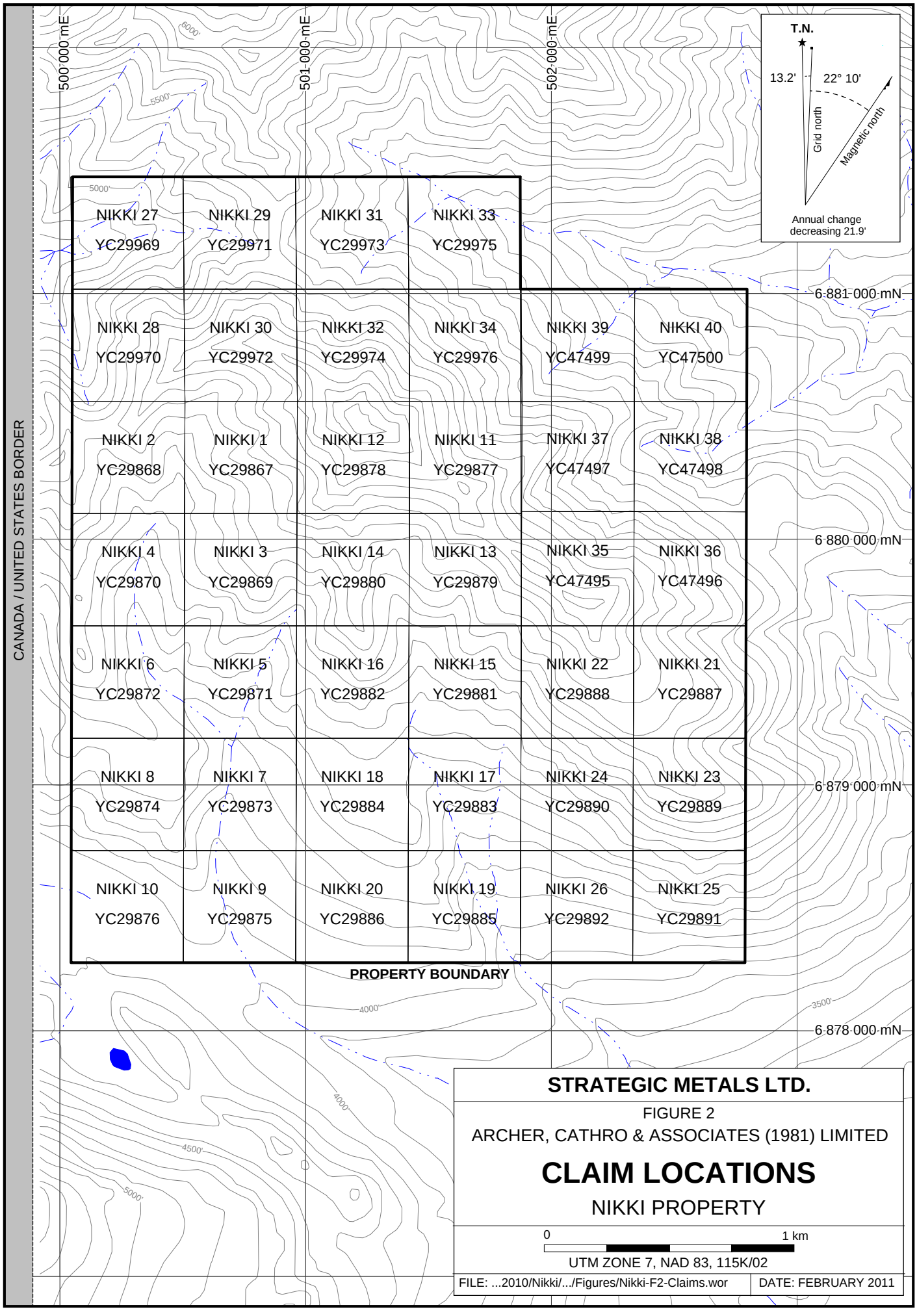
*Expiry dates do not include 2010 work that has not yet been filed for assessment credit.

The Nikki property is located immediately east of the Canada-United States border, 18 km west-northwest of the White River Lodge which is located 375 km northwest of Whitehorse via the Alaska Highway. Access in 2010 was by a Hughes 500D operated by Fireweed Helicopters Ltd. of Whitehorse from a temporary base at the White River Lodge, where crews were based. Drill rig moves were performed by an Astar B2 operated by Kluane Helicopters from its year-round base in Haines Junction.

PREVIOUS WORK

The Nikki property was first staked as a copper target in 1910 and later restaked as the Trudi claims in 1968. In 1971 Quintana Minerals Corp. 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 identified an 1830 m long by 610 m wide zone of weakly to moderately intense copper response. One diamond drill hole (DDH 1) reportedly returned an average grade of 0.12% Cu with 0.007% MoS_2 across 140.21 m and the other (DDH 2) 0.15% Cu with 0.003%


STRATEGIC METALS LTD.
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
NIKKI PROPERTY
0
250 km
FILE: ...2010/Nikki/.../Figures/Nikki-F1-Location.wor
DATE: FEBRUARY 2011
ALASKA
YUKON
NORTHWEST TERRITORIES
BRITISH COLUMBIA
NIKKI PROPERTY
Dawson
Mayo
Faro
Carmacks
Ross River
Haines Junction
Whitehorse
Watson Lake
Skagway
Atlin
Haines
Juneau
Dease Lake
Telegraph Creek


500 000 mE
501 000 mE
502 000 mE
T.N.
13.2'
22° 10'
Grid north
Magnetic north
Annual change
decreasing 21.9'
6 881 000 mN
6 880 000 mN
6 879 000 mN
6 878 000 mN
CANADA / UNITED STATES BORDER
NIKKI 27 YC29969
NIKKI 29 YC29971
NIKKI 31 YC29973
NIKKI 33 YC29975
NIKKI 28 YC29970
NIKKI 30 YC29972
NIKKI 32 YC29974
NIKKI 34 YC29976
NIKKI 39 YC47499
NIKKI 40 YC47500
NIKKI 2 YC29868
NIKKI 1 YC29867
NIKKI 12 YC29878
NIKKI 11 YC29877
NIKKI 37 YC47497
NIKKI 38 YC47498
NIKKI 4 YC29870
NIKKI 3 YC29869
NIKKI 14 YC29880
NIKKI 13 YC29879
NIKKI 35 YC47495
NIKKI 36 YC47496
NIKKI 6 YC29872
NIKKI 5 YC29871
NIKKI 16 YC29882
NIKKI 15 YC29881
NIKKI 22 YC29888
NIKKI 21 YC29887
NIKKI 8 YC29874
NIKKI 7 YC29873
NIKKI 18 YC29884
NIKKI 17 YC29883
NIKKI 24 YC29890
NIKKI 23 YC29889
NIKKI 10 YC29876
NIKKI 9 YC29875
NIKKI 20 YC29886
NIKKI 19 YC29885
NIKKI 26 YC29892
NIKKI 25 YC29891
PROPERTY BOUNDARY
6000'
5500'
5000'
4000'
3500'
4500'
STRATEGIC METALS LTD.
FIGURE 2
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
CLAIM LOCATIONS
NIKKI PROPERTY
0
1 km
UTM ZONE 7, NAD 83, 115K/02
FILE: ...2010/Nikki/.../Figures/Nikki-F2-Claims.wor
DATE: FEBRUARY 2011

MoS_2 across 149.96 m. No drill logs or individual assays are available. No assays were reported for gold from core or soil samples.

Government funded, regional stream sediment 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 regional aeromagnetic surveys had previously identified a magnetic high in the headwaters of the geochemically anomalous creek.

In 2002, Archer, Cathro briefly prospected and soil sampled in the vicinity of the old drill holes on behalf of ATAC Resources Ltd. This work confirmed the target but it was not staked until June 2004. Exploration later that year included grid and contour soil sampling, stream sediment sampling, geological mapping, prospecting, and an induced polarization survey (Eaton, 2005).

In 2006 Kria Resources Inc. optioned the property from ATAC. During that year, Archer, Cathro conducted another exploration program which included prospecting, geological mapping, soil geochemistry and hand trenching (Eaton, 2007). Hand trenching was completed between the reported locations of the two 1971 diamond drill holes. Continuous chip samples from two trenches approximately 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.

Stream sediment samples collected in 2004 and 2006 returned anomalous gold and copper values when compared to regional backgrounds. Gold values correlated well with copper values. Soil sampling in 2006 expanded the area of grid coverage and tightened the density of samples. The combined 2004 and 2006 sampling outlined moderately to strongly anomalous values for various metals in different parts of the property.

Strategic Metals purchased the property from ATAC in spring 2010.

GEOMORPHOLOGY AND VEGETATION

The Nikki property lies within the Nutzotin Range immediately southwest of the Shakwak Trench. It is 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.

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 about 10 km to the northeast; and, a smaller unnamed fault 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 involves hundreds of kilometres of dextral strike-slip. Sense of motion on the smaller fault is uncertain.

The regional stratigraphic section consists of: Pennsylvanian to Lower Permian Skolai Group volcanic and sedimentary rocks; Upper Triassic Nikolai Formation basalt and andesite flows; Upper Triassic Chitistone Formation limestone; and, Lower Cretaceous Dezadeash Formation fine grained clastic sediments (Gordey and Makepeace, 1999). The Skolai Group contains: tuff breccia, argillite, agglomerate and basaltic to andesitic flows belonging to the Station Creek Formation; and, thin bedded argillite, siltstone, minor greywacke and conglomerate, with local thin basaltic flows, breccias and tuffs of the overlying Hasen Creek Formation.

The stratified units are intruded by Late Cretaceous medium to coarse grained stocks and dykes of predominantly granodiorite to diorite composition and Oligocene plugs and dykes of intermediate to felsic composition.

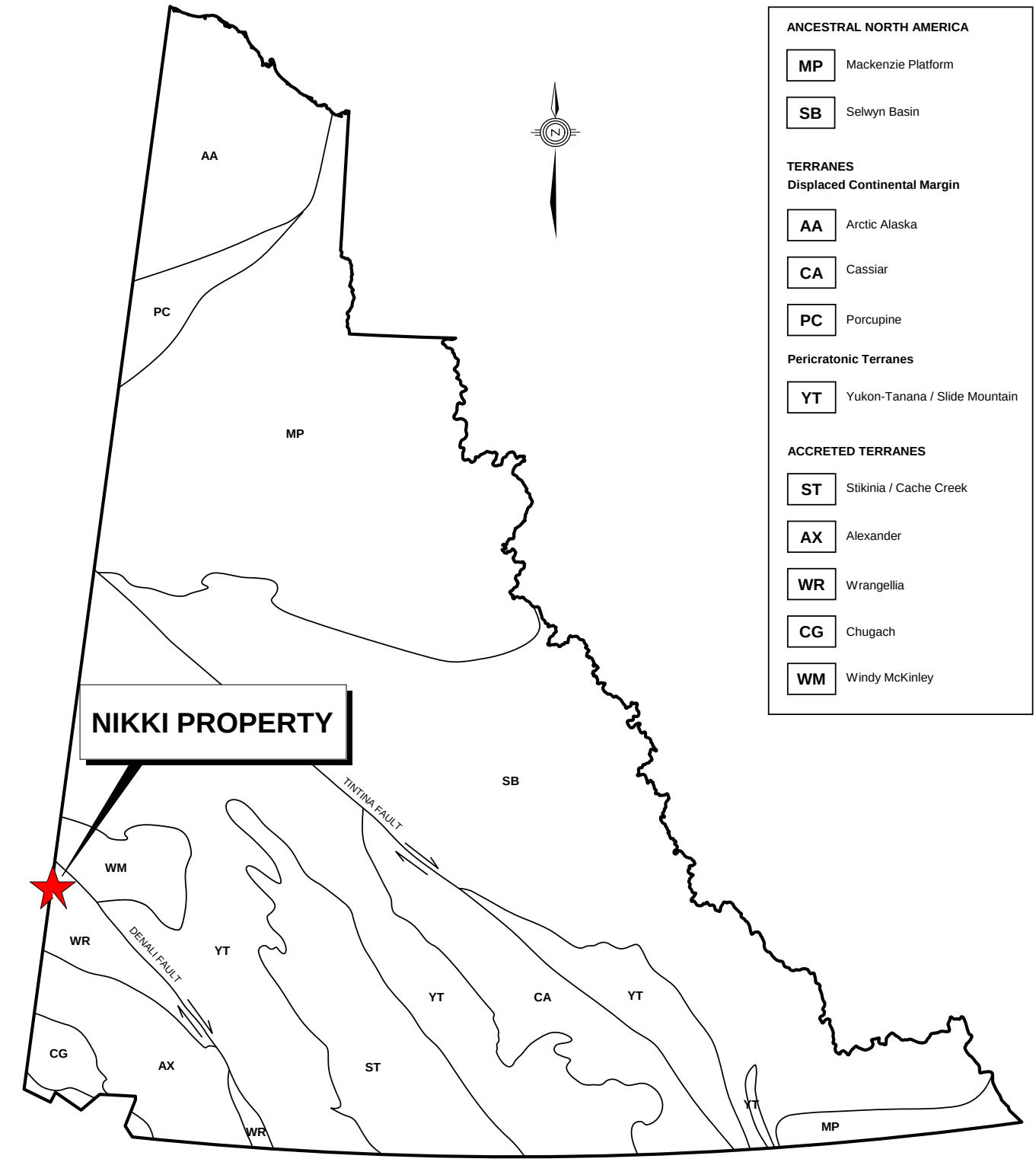
The Denali Fault juxtaposes Wrangellia against units belonging to the Yukon-Tanana Terrane. The unnamed fault immediately south of the property separates predominantly Skolai Group rocks to the north from younger stratigraphy to the south.

PROPERTY GEOLOGY

The geology of the Nikki property was mapped by Archer, Cathro crews in 2004 and 2006. Detailed mapping on the western portion of the property where the 2010 program was conducted was performed by R. Corbett on behalf of the Yukon Geological Survey in July 2010. The gold and copper mineralization is hosted in a high level system of dykes and plugs belonging to the Kluane Range Plutonic Suite and in adjacent variably metamorphosed sedimentary rocks. Property geology is illustrated on Figure 4 while the main features are discussed in the following paragraphs.

The oldest rocks on the Nikki property belong to the Hasen Creek Formation which consists primarily of siliceous argillite with interbedded mudstone and rare lenses of limestone, the largest of which forms a 375 by 150 m outcrop in the northern part of the property. 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 and earliest intrusive unit is medium grained diorite consisting of 10 to 40% hornblende and 55 to 68% plagioclase. The diorite forms three easterly trending dykes. The most northerly dyke is up to 500 m wide and traced for 2200 m along strike before continuing further to the east off the property. The centre dyke reaches a maximum width of 900 m and has





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FIGURE 3

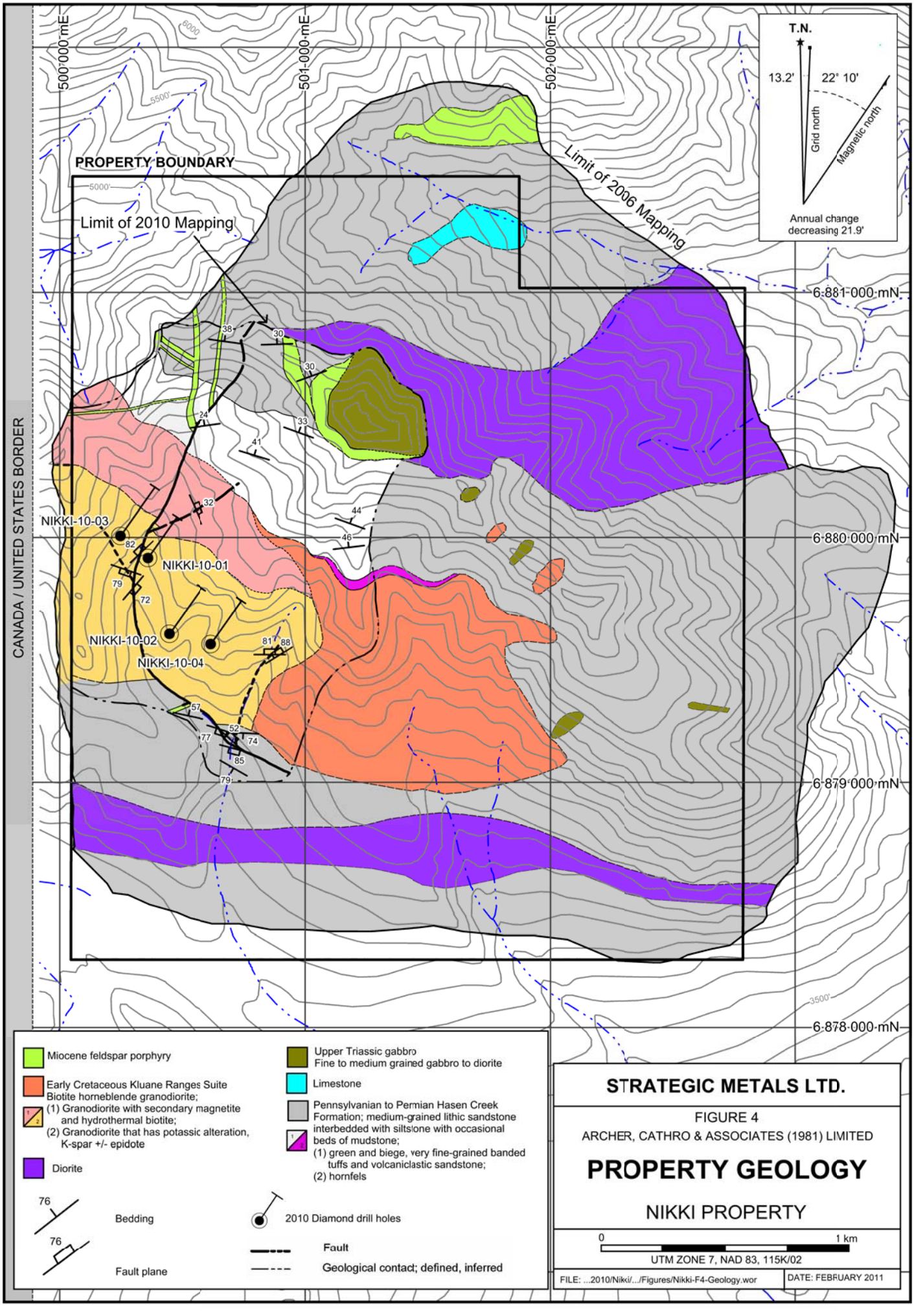
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TECTONIC SETTING

NIKKI PROPERTY

0 200 km

FILE: ...2010/Nikki/.../Figures/Nikki-F3-Tectonic.wor | DATE: FEBRUARY 2011


500 000 mE
501 000 mE
502 000 mE
6 881 000 mN
6 880 000 mN
6 879 000 mN
6 878 000 mN
6000'
5500'
5000'
3500'
T.N.
13.2'
22° 10'
Grid north
Magnetic north
Annual change
decreasing 21.9'
PROPERTY BOUNDARY
Limit of 2010 Mapping
Limit of 2006 Mapping
CANADA / UNITED STATES BORDER
NIKKI-10-03
NIKKI-10-01
NIKKI-10-02
NIKKI-10-04
38
30
30
24
33
41
32
44
46
82
79
72
81
88
57
52
77
74
85
79
Miocene feldspar porphyry
Early Cretaceous Kluane Ranges Suite
Biotite horneblende granodiorite;
(1) Granodiorite with secondary magnetite and hydrothermal biotite;
(2) Granodiorite that has potassic alteration, K-spar +/- epidote
Diorite
Upper Triassic gabbro
Fine to medium grained gabbro to diorite
Limestone
Pennsylvanian to Permian Hasen Creek Formation; medium-grained lithic sandstone interbedded with siltstone with occasional beds of mudstone;
(1) green and biege, very fine-grained banded tuffs and volcaniclastic sandstone;
(2) hornfels
76
Bedding
76
Fault plane
2010 Diamond drill holes
Fault
Geological contact; defined, inferred
STRATEGIC METALS LTD.
FIGURE 4
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY GEOLOGY
NIKKI PROPERTY
0
1 km
UTM ZONE 7, NAD 83, 115K/02
FILE: ...2010/Nikki/.../Figures/Nikki-F4-Geology.wor
DATE: FEBRUARY 2011

been traced about 2300 m along strike before extending westward into Alaska. The southernmost dyke is only exposed intermittently in outcrop but is projected to extend across the entire property. It is up to 300 m thick and at least 3000 m long.

The second oldest and second most abundant intrusive unit is granodiorite. It is strongly porphyritic and contains: 20% to 40% subhedral, 1.5 to 3 mm plagioclase phenocrysts; up to 5%, 3 mm diameter quartz phenocrysts; and, about 3%, 2 mm hornblende phenocrysts, all in a fine pale grey-green matrix. Rounded, up to 1 cm fragments of bleached and strongly pyritic diorite are observed to comprise up to 5% of the rock on sawn faces but they are difficult to recognize on weathered surfaces or broken faces. The granodiorite is often clay altered along fractures and weathers to a yellow-orange colour. Calcite-pyrite veinlets are abundant, ranging from 1-8 mm wide. The main granodiorite exposures are part of a plug situated between the central diorite sill and adjacent argillite wallrock. This plug is approximately 850 m wide and extends for a length of 1000 m before continuing westward into Alaska. Smaller satellite plugs are located on the margin of the southern dyke and along the ridge crest near the centre of the property.

Dark green to black, fine to medium grained gabbro plugs and dykes are scattered across the property. They commonly cut diorite and argillite, and at one location are seen intruding 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 probably quartz-feldspar porphyry. This unit forms two plugs near the eastern and northern edges of the property. The largest plug is about 400 m wide and is 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 1 cm across.

Bedding within the northern half of the property dips shallowly to the north and in the southern half dips moderately to the south. This suggests that the centre diorite dyke and largest granodiorite plug have intruded along an anticlinal axis that trends northwesterly across the property.

Although no large scale faults have been mapped on the property, up to 2 m wide shear zones have been reported. These structures trend northerly, dip steeply and characteristically contain gouge. Quartz-sulphide vein float is common. When 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 associated with a relatively high level intrusive complex of Late Cretaceous age. 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, the host rocks exhibit pervasive propyllitic 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.

Little rock sampling has been done within the area of porphyry style mineralization. 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. 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 6 m. Five chip samples from the other trench graded 0.47% copper, 0.194 g/t gold and 3.0 g/t silver over 8 m.

Prospecting and hand trenching in 2006 along the ridge top 500 to 1000 m north and east of the above mentioned trenches identified scattered vein and shear hosted mineralization. Grab samples and chip samples from this type of material typically grade between 0.1 and 1 g/t gold with 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 2 m. The vein and shear mineralization generally contains less copper than the porphyry-style fracture-filling mineralization but has more lead, zinc, arsenic and bismuth.

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 2 m long chip sample returned 11.95 g/t gold and 7.0 g/t silver.

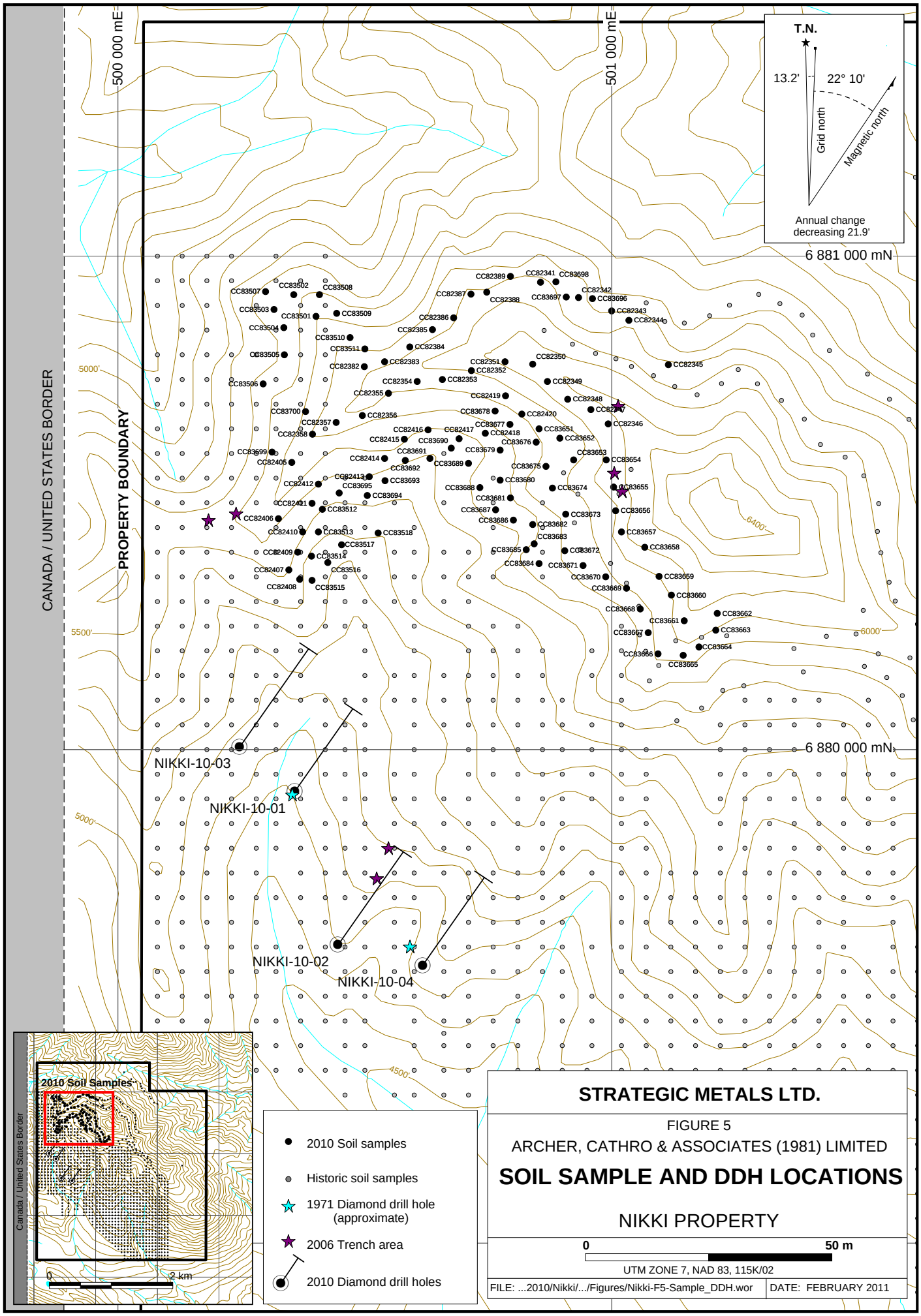
Certificates of Analysis for rock samples taken in 2010 are included in Appendix II, while descriptions of those rock samples are in Appendix III.

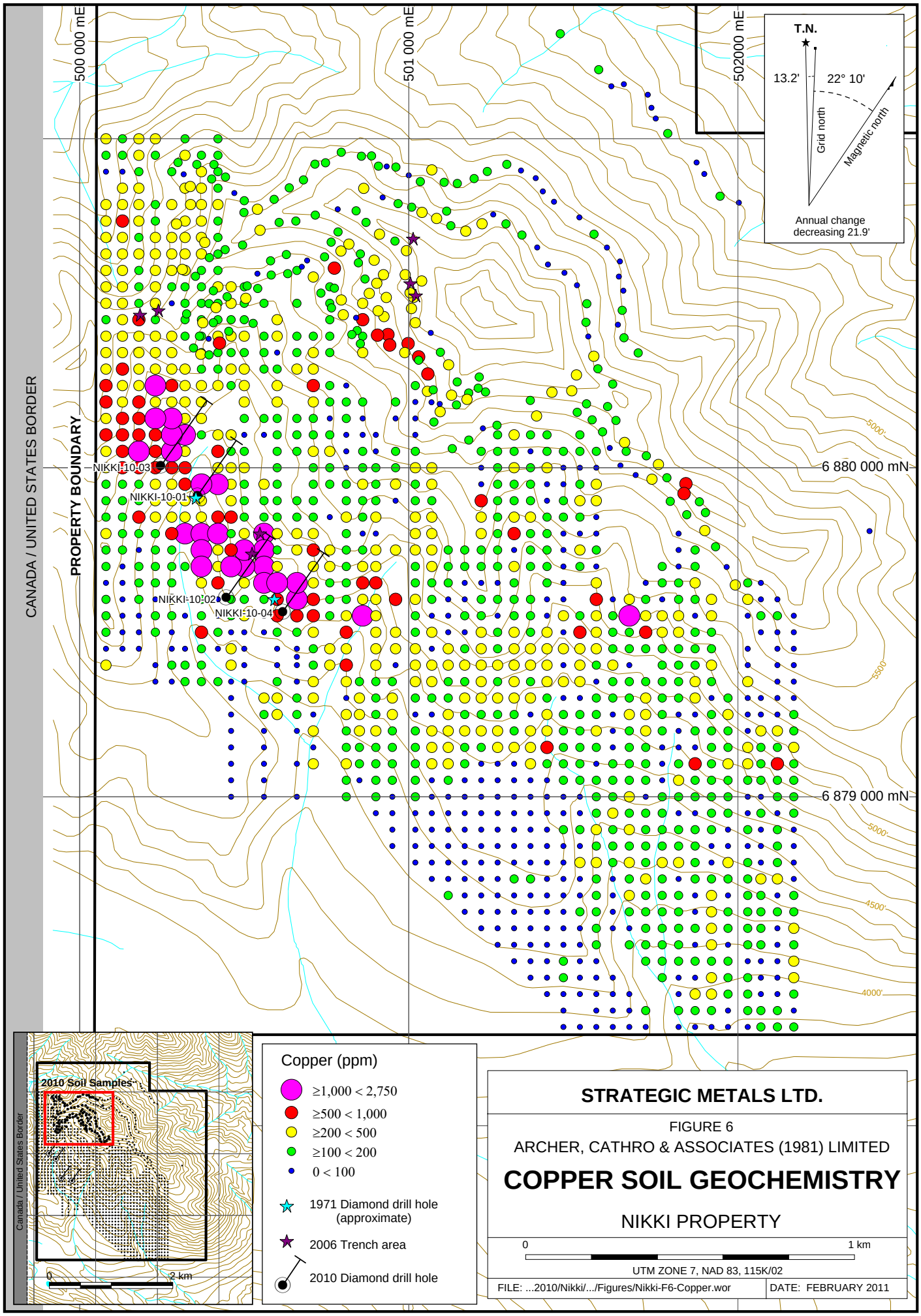
GEOCHEMISTRY

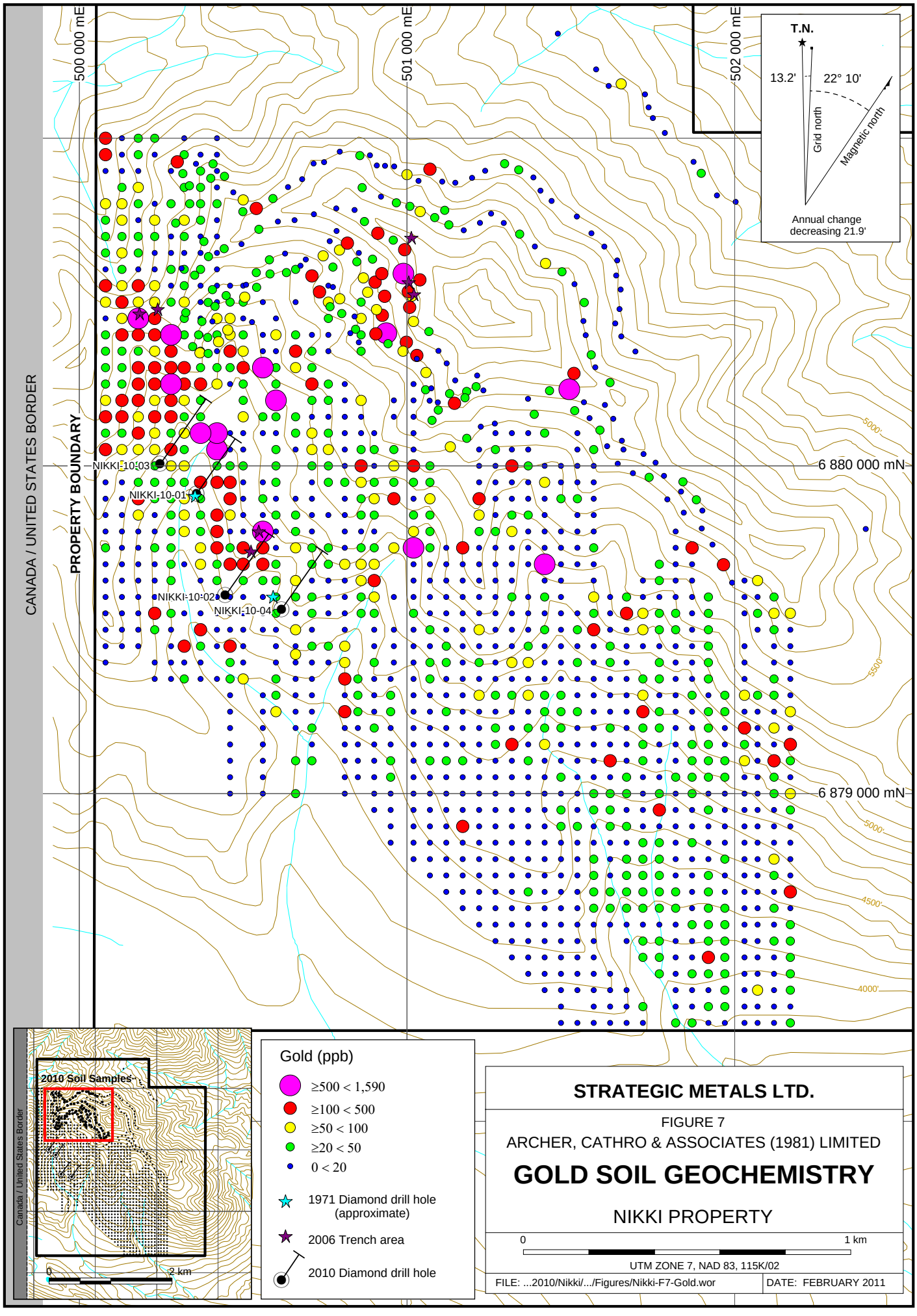
Stream sediment samples collected in 2004 and 2006 were from small creeks draining different parts of the property. Most of these samples returned anomalous copper values when compared to regional backgrounds (>150 ppm vs. backgrounds of 35 ppm or less). The highest values (414 to 564 ppm Cu) were obtained from sediments in creeks draining the area of porphyry style mineralization. Gold values are well correlated with copper values (Eaton, 2007). No stream sediment samples were collected in 2010.

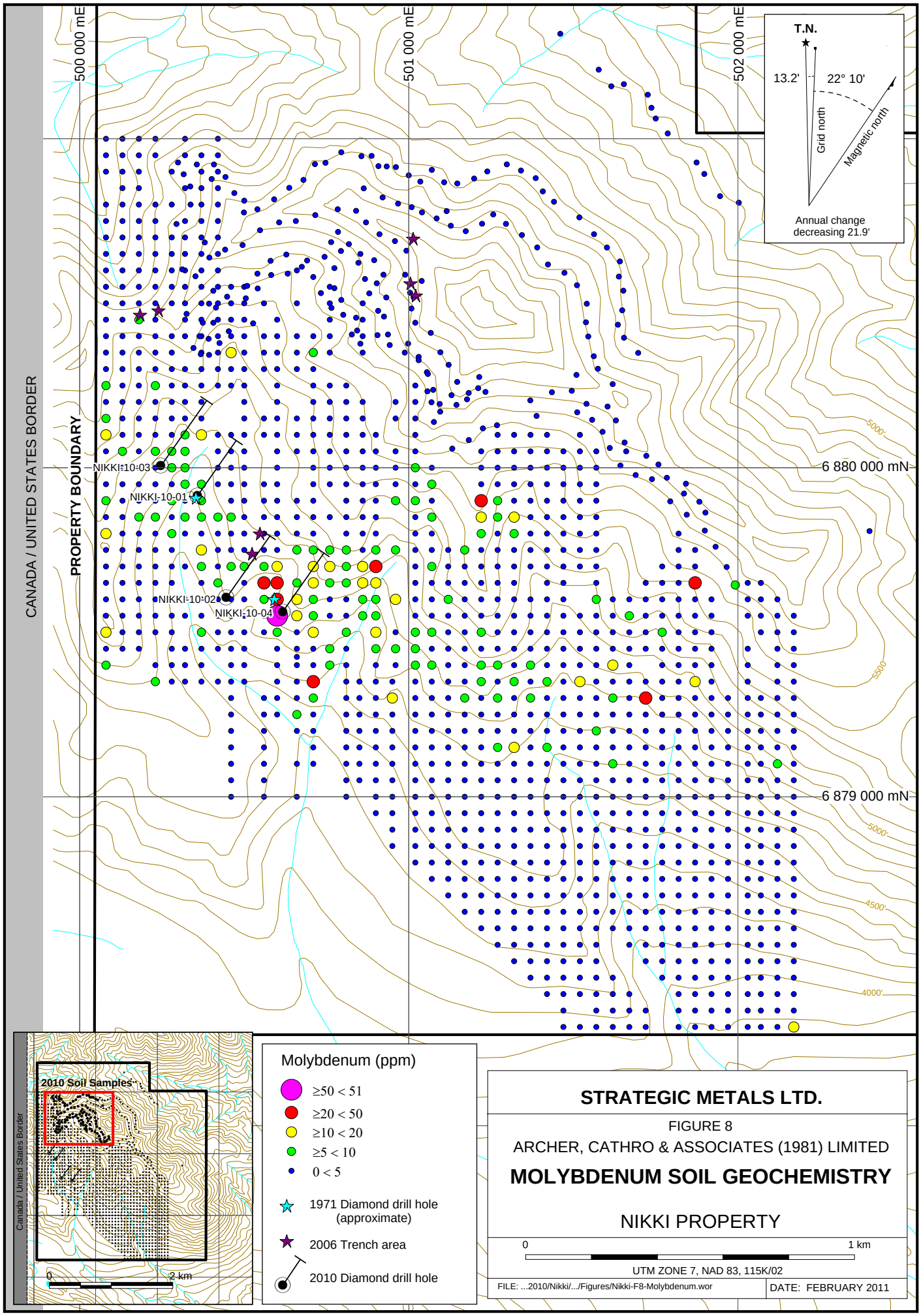
A total of 110 contour soil samples were collected in 2010. This sampling was designed to infill and extends from the previous soil geochemical coverage. The sampling in 2010 was done at 50 m interval on lines spaced 100 m apart. Sample locations are marked with 0.5 m lath bearing aluminum tags inscribed with the sample number. Soil development is immature and samples largely consist of C horizon soil and talus fines. Soil sample locations are shown on Figure 5 while copper, molybdenum, gold, lead and zinc results are illustrated on Figures 6 to 10, respectively.

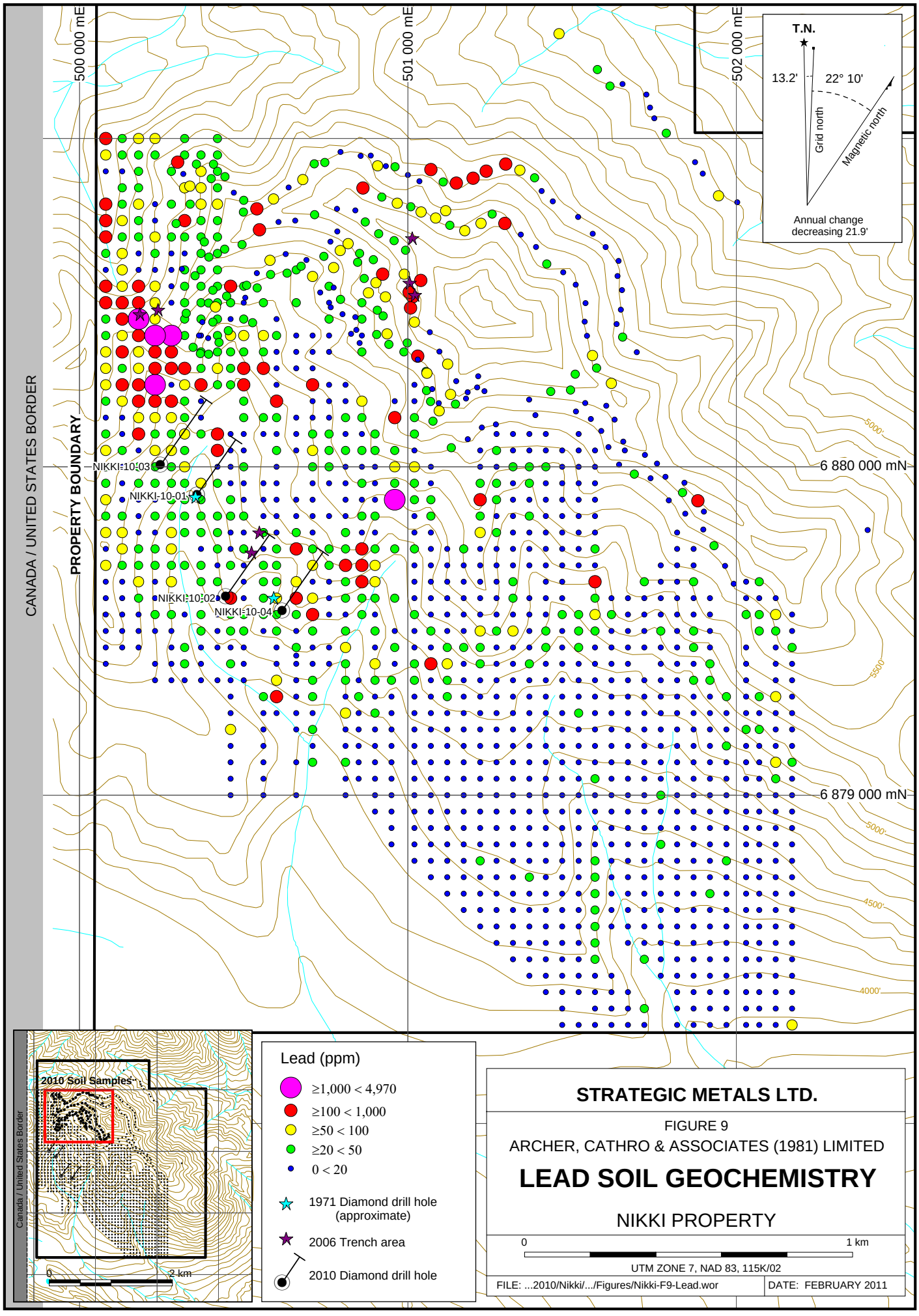
The samples were sent to ALS Chemex in North Vancouver where they were dried and screened to -180 microns. Splits were then analyzed for gold using fire assay and atomic absorption

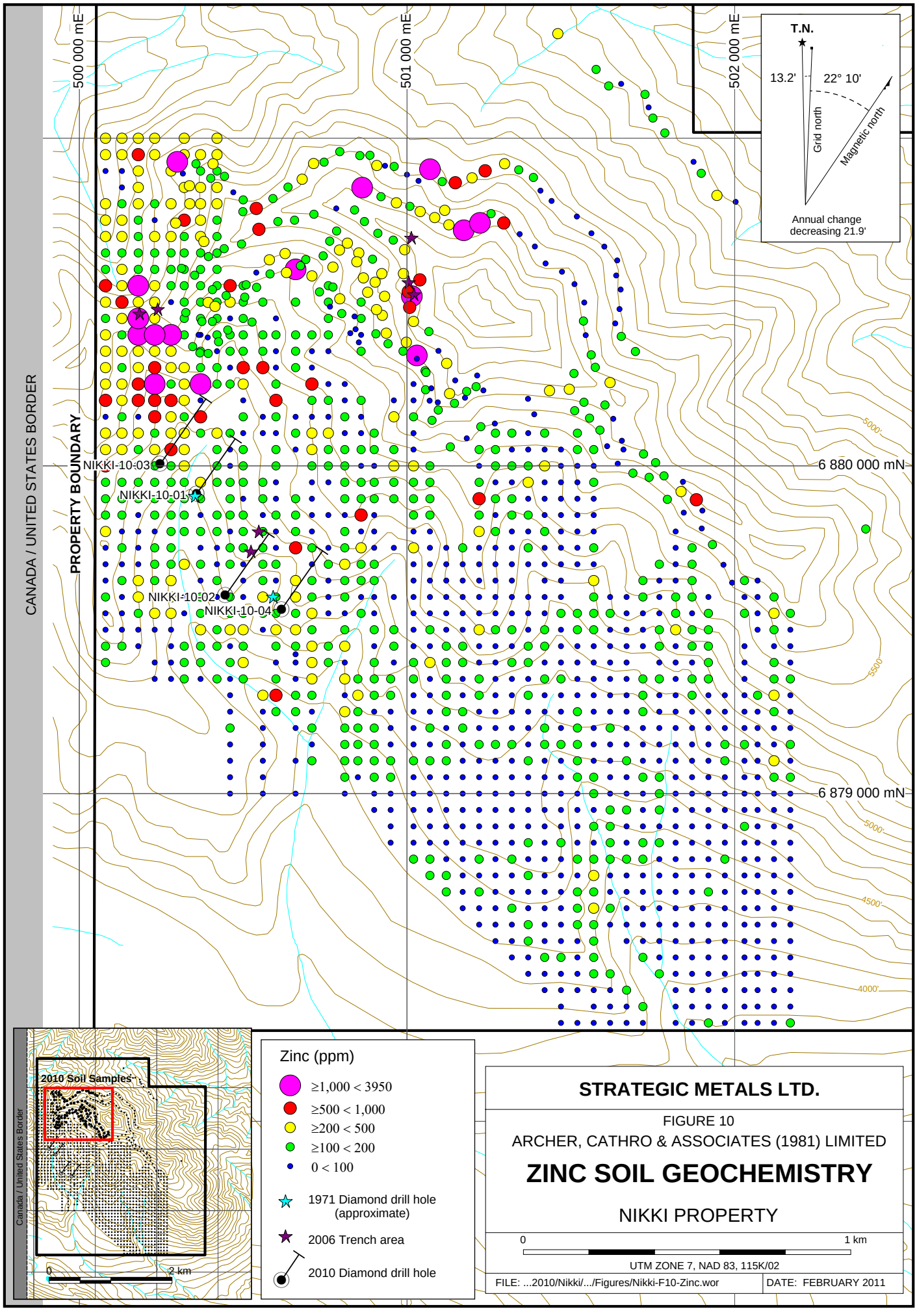

500 000 mE
501 000 mE
6 881 000 mN
6 880 000 mN
CANADA / UNITED STATES BORDER
PROPERTY BOUNDARY
T.N.
13.2'
22° 10'
Grid north
Magnetic north
Annual change
decreasing 21.9'
5000'
5500'
6000'
6400'
4500'
NIKKI-10-03
NIKKI-10-01
NIKKI-10-02
NIKKI-10-04
2010 Soil Samples
Canada / United States Border
0
2 km
2010 Soil samples
Historic soil samples
1971 Diamond drill hole (approximate)
2006 Trench area
2010 Diamond drill holes
STRATEGIC METALS LTD.
FIGURE 5
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
SOIL SAMPLE AND DDH LOCATIONS
NIKKI PROPERTY
0
50 m
UTM ZONE 7, NAD 83, 115K/02
FILE: ...2010/Nikki/.../Figures/Nikki-F5-Sample_DDH.wor
DATE: FEBRUARY 2011


500 000 mE
501 000 mE
502000 mE
T.N.
13.2'
22° 10'
Grid north
Magnetic north
Annual change
decreasing 21.9'
CANADA / UNITED STATES BORDER
PROPERTY BOUNDARY
6 880 000 mN
6 879 000 mN
NIKKI-10-03
NIKKI-10-01
NIKKI-10-02
NIKKI-10-04
5000'
5500'
4500'
4000'
2010 Soil Samples
Canada / United States Border
0
2 km
Copper (ppm)
≥1,000 < 2,750
≥500 < 1,000
≥200 < 500
≥100 < 200
0 < 100
1971 Diamond drill hole (approximate)
2006 Trench area
2010 Diamond drill hole
STRATEGIC METALS LTD.
FIGURE 6
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
COPPER SOIL GEOCHEMISTRY
NIKKI PROPERTY
0
1 km
UTM ZONE 7, NAD 83, 115K/02
FILE: ...2010/Nikki/.../Figures/Nikki-F6-Copper.wor
DATE: FEBRUARY 2011


500 000 mE
501 000 mE
502 000 mE
T.N.
13.2'
22° 10'
Grid north
Magnetic north
Annual change
decreasing 21.9'
CANADA / UNITED STATES BORDER
PROPERTY BOUNDARY
NIKKI-10-03
NIKKI-10-01
NIKKI-10-02
NIKKI-10-04
6 880 000 mN
6 879 000 mN
5000'
5500'
5000'
4500'
4000'
2010 Soil Samples
Canada / United States Border
0
2 km
Gold (ppb)
≥500 < 1,590
≥100 < 500
≥50 < 100
≥20 < 50
0 < 20
1971 Diamond drill hole (approximate)
2006 Trench area
2010 Diamond drill hole
STRATEGIC METALS LTD.
FIGURE 7
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
GOLD SOIL GEOCHEMISTRY
NIKKI PROPERTY
0
1 km
UTM ZONE 7, NAD 83, 115K/02
FILE: ...2010/Nikki/.../Figures/Nikki-F7-Gold.wor
DATE: FEBRUARY 2011


500 000 mE
501 000 mE
502 000 mE
T.N.
13.2'
22° 10'
Grid north
Magnetic north
Annual change
decreasing 21.9'
CANADA / UNITED STATES BORDER
PROPERTY BOUNDARY
NIKKI-10-03
NIKKI-10-01
NIKKI-10-02
NIKKI-10-04
6 880 000 mN
6 879 000 mN
5000'
5500'
4500'
4000'
2010 Soil Samples
Canada / United States Border
0
2 km
Molybdenum (ppm)
≥50 < 51
≥20 < 50
≥10 < 20
≥5 < 10
0 < 5
1971 Diamond drill hole (approximate)
2006 Trench area
2010 Diamond drill hole
STRATEGIC METALS LTD.
FIGURE 8
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
MOLYBDENUM SOIL GEOCHEMISTRY
NIKKI PROPERTY
0
1 km
UTM ZONE 7, NAD 83, 115K/02
FILE: ...2010/Nikki/.../Figures/Nikki-F8-Molybdenum.wor
DATE: FEBRUARY 2011


500 000 mE
501 000 mE
502 000 mE
T.N.
13.2'
22° 10'
Grid north
Magnetic north
Annual change
decreasing 21.9'
CANADA / UNITED STATES BORDER
PROPERTY BOUNDARY
NIKKI-10-03
NIKKI-10-01
NIKKI-10-02
NIKKI-10-04
6 880 000 mN
6 879 000 mN
5000'
5500'
4500'
4000'
2010 Soil Samples
Canada / United States Border
0
2 km
Lead (ppm)
≥1,000 < 4,970
≥100 < 1,000
≥50 < 100
≥20 < 50
0 < 20
1971 Diamond drill hole (approximate)
2006 Trench area
2010 Diamond drill hole
STRATEGIC METALS LTD.
FIGURE 9
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
LEAD SOIL GEOCHEMISTRY
NIKKI PROPERTY
0
1 km
UTM ZONE 7, NAD 83, 115K/02
FILE: ...2010/Nikki/.../Figures/Nikki-F9-Lead.wor
DATE: FEBRUARY 2011


500 000 mE
501 000 mE
502 000 mE
T.N.
13.2'
22° 10'
Grid north
Magnetic north
Annual change
decreasing 21.9'
CANADA / UNITED STATES BORDER
PROPERTY BOUNDARY
NIKKI-10-03
NIKKI-10-01
NIKKI-10-02
NIKKI-10-04
6 880 000 mN
6 879 000 mN
5000'
5500'
4500'
4000'
2010 Soil Samples
Canada / United States Border
0
2 km
Zinc (ppm)
≥1,000 < 3950
≥500 < 1,000
≥200 < 500
≥100 < 200
0 < 100
1971 Diamond drill hole (approximate)
2006 Trench area
2010 Diamond drill hole
STRATEGIC METALS LTD.
FIGURE 10
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ZINC SOIL GEOCHEMISTRY
NIKKI PROPERTY
0
1 km
UTM ZONE 7, NAD 83, 115K/02
FILE: ...2010/Nikki/.../Figures/Nikki-F10-Zinc.wor
DATE: FEBRUARY 2011

spectroscopy, and for 35 other elements by aqua regia digestion followed by inductively coupled plasma-atomic emission spectroscopy. Certificates of Analysis are contained in Appendix II.

The 2010 soil sampling better defined the areas of moderately to strongly anomalous values outlined by earlier soil sampling. Most of the samples returned weakly to strongly anomalous values for copper (100 to 707 ppm), gold (20 to 660 ppb), lead (20 to 170 ppm), silver (2 to 10.2 ppm) and zinc (100 to 2640 ppm).

Highest copper values from the property (500 to 2750 ppm) are located in an 1100 m long by approximately 250 m wide zone that encompasses the area of porphyry style mineralization. The zone is elongated in a northwesterly direction and is open to extension further to the northwest into Alaska. At its southeast end, the main zone of anomalous values appear to arc toward the northeast; however, this could be due to mixing of anomalous soils related to veins with those derived from porphyry style mineralization. Other smaller areas of elevated values are mostly attributed to vein or skarn mineralization. Sampling in 2010 outlined another small zone of weakly elevated (505 to 707 ppm) values northeast of the main area of interest.

The most consistently high gold values (50 to 1590 ppb) generally follow the main copper zone but are offset slightly to the north or uphill (Eaton, 2007). Scattered high values (up to 660 ppb) are located to the north and east of the copper zone in the vicinity of precious metal bearing veins and skarn mineralization. This area of scattered high values was extended to the north and east by the 2010 soil sampling.

Molybdenum values are highest (10 to 204 ppm) and most tightly clustered toward the southeastern end of the main copper zone; however, they also show the same, arcuate extension trailing off to the northeast (Eaton, 2007). The 2010 sampling confirmed the low values to the north.

Silver, lead and zinc values are closely correlated. All three returned background to weakly anomalous values in the area of the porphyry style mineralization but produced clusters of high values to the north and east (Eaton, 2007). Moderately to strongly anomalous values (200 to 4970 ppm lead, 200 to 3950 ppm zinc and 5 to 45.5 ppm silver) are most abundant near precious metal vein and skarn occurrences.

DIAMOND DRILLING

The 2010 diamond drill program consisted of four holes totalling 1307.58 m. The holes were intended to test the gold and copper anomalies outlined by the 2004 and 2006 soil sampling.

The first hole was collared on June 20 and last hole was completed on July 25. The drilling was contracted to Beaudoin Diamond Drilling Ltd. of Courtney, British Columbia. It was done with a helicopter-portable JKS 3 drill using HQ and NQ equipment. The drill was set up on platforms of 8” x 8” timbers covered with 2” x 8” planks, which were constructed on sites dug by hand into the hillside. Drill collar locations are shown on Figure 5.

The core from the drill holes was transported from the property by helicopter to a temporary storage area at the White River Lodge. From there, it was transported to the Archer, Cathro compound in Whitehorse, where it was geologically and geotechnically logged. All four holes were split using a manual core splitter with one-half bagged and sent for analysis and the other half returned to the core box. The core is currently stored at the Archer, Cathro compound but will later be moved to the Yukon Government's core storage site in Whitehorse. Appendix IV contains the Geological and Geotechnical Logs.

Samples to be analyzed were stored in the locked container until they were taken to a preparation laboratory operated by ALS Chemex in Whitehorse. Here, samples were dried and crushed to 70% minus 2 mm, before a 1.5 kg split was taken and pulverized to better than 85% minus 75 microns. Pulps from the preparation lab were shipped by ALS Chemex to its analytical lab in North Vancouver where they were analyzed for gold by fire assay followed by atomic absorption spectroscopy (Au-AA24) and 35 other elements using an aqua regia digestion and inductively coupled plasma-atomic emission spectrometry (ME-ICP41). Certificates of Analysis appear in Appendix II.

Analyses were done in 36 sample batches with each batch including two blank samples, two standard samples and one duplicate sample. All blank, standard and duplicate samples returned results that were acceptable under QA/QC protocols.

Data concerning the drill program is summarized in Table I below.

Table I - 2010 Diamond Drill Program

Hole Number	Easting (m)	Northing (m)	Azimuth	Dip	Final Depth (m)
NIKKI-10-01	500358	6879915	035	-45	288.64
NIKKI-10-02	500445	6879604	035	-45	365.76
NIKKI-10-03	500246	6880005	035	-45	346.86
NIKKI-10-04	500617	6879562	035	-45	306.32

Table II below lists the main geology units encountered in the drill core. Drill sections are shown in Appendix V.

Table II - Rock Types from Drill Core

Cross-Section Unit	Drill Log Unit	Rock Name
1	DRGD (DG)	Diorite – Granodiorite
2	DRFG (DF)	Diorite – Fine grained
3	DIOR (DR)	Diorite
4	PPFG (PG)	Porphyry – Fine grained
5	DRPP (DP)	Diorite equivalent of PPFG
6	PPFX (PF)	Porphyry – Feldspar
7	PPFQ PQ	Porphyry – Feldspar and Quartz
8	FELS (FL)	Felsite
9	PPFL (PL)	Felsite Porphyry

The dominant lithological units noted throughout the drill program were the diorite-granodiorite unit (DRGD) and the feldspar and feldspar-quartz porphyry units (PPFX and PPFQ). The core is often weakly to strongly fractured and faulted, forming breccias with clasts of the rock units mentioned above (DGBR and PGBR). Contacts between units are usually oriented at low to moderate angles (less than 45°) to core axis.

Potassic and phyllic alteration are commonly found throughout the drill core. Potassic alteration is characterized by potash feldspar, magnetite or hematite and biotite. Epidote also appears to be weakly associated with the potassic alteration assemblage. Phyllic alteration is distinguished by sericite, quartz and pyrite.

Sub-economic values for copper, gold or molybdenum were returned from most samples. NIKKI-10-02 intersected the best copper results averaging 1288 ppm copper and 76 ppb gold over 64 m, including a 5.49 m zone grading 2050 ppm copper and 227 ppb gold. The second best zone was in NIKKI-10-04 which encountered a 21.34 m zone grading 1239.5 ppm copper.

The best results are highlighted in Table III below.

Table III - Significant Drill Results

Hole ID	From (m)	To (m)	Interval (m)	Copper (ppm)	Gold (ppb)
Nikki-10-01	45.50	48.50	3.00	308	101
Nikki-10-02	227.69	291.69	64.0	1288	76
Including	259.08	264.57	5.49	2050	227
Including	261.82	264.57	2.75	2360	342
Including	279.81	283.01	3.20	1850	128
Nikki-10-04	175.26	196.60	21.34	1090	39
Including	181.36	184.40	3.04	1735	64
Nikki-10-04	208.76	230.12	21.33	666	25
Including	208.76	211.23	2.44	1125	24
Including	214.27	217.32	3.05	1105	43

GEOPHYSICS

High level aeromagnetic surveys conducted over the Kluane Ranges on behalf of the Geological Survey of Canada identified a 3 km diameter area of high magnetic susceptibility, centred directly on the Nikki property. This anomaly shows sharp contrast with the relatively uniform low susceptibility associated with the surrounding sediments. The positive magnetic response is likely due to disseminated magnetite, which comprises up to 5% of some diorite specimens.

Induced polarization and resistivity surveys were completed over a total of 15.1 line km between August 24 and September 7, 2004 (Power, 2004). The following paragraphs summarize results.

A band of low resistivity approximately coincides with the granodiorite. This band is approximately 400 to 500 m wide near the western property boundary and pinches to approximately 100 m wide toward the east. A chargeability high follows the northeastern boundary of the low in the west and passes under it in the east.

The main gold geochemical anomaly lies on the southwestern (downhill) edge of the main chargeability high. The core of that copper anomaly is displaced slightly downhill into the resistivity low where Quintana's drill holes are located.

In 2010, a 162 line km helicopter magnetic and radiometric survey was completed by New-Sense Geophysics Ltd. Condor Consulting, Inc. was commissioned to assess the data and provide a 3D model of the magnetics. The survey area covered the 2010 drill area as well as the combined soil sampling areas from 2004, 2006 and 2010. Appendix IV contains reports by New-Sense, which describe equipment and procedures that were used during the surveys, and Condor Consulting, which relate to the interpreted results.

The range of the magnetic response of the survey area is approximately 3200 nT. An elongated, southeast trending magnetic high bisects the property (Figure 11). The anomaly covers an area of approximately 1.5 km long by 1 km wide.

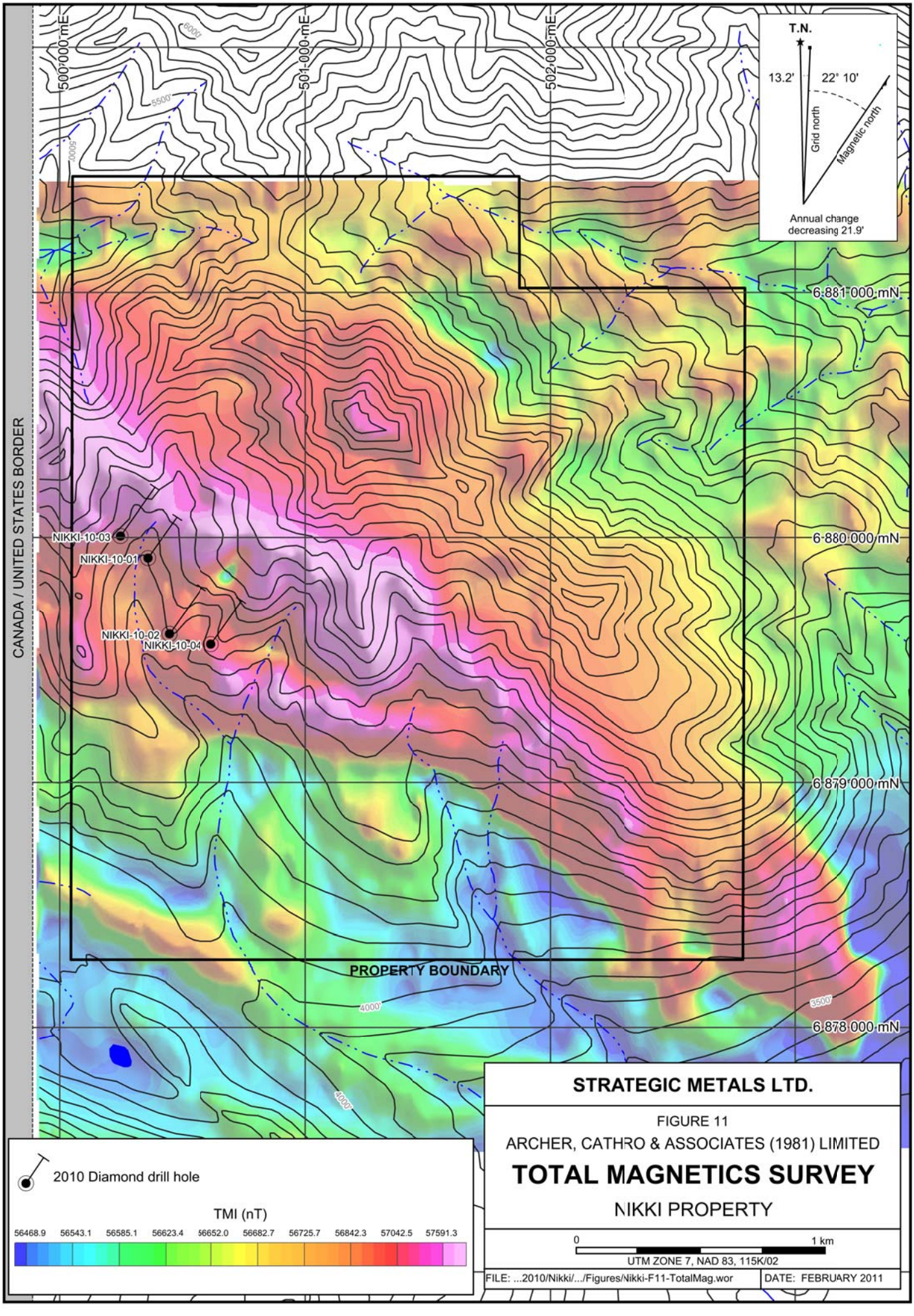
Two elongated radiometric high anomalies are present on the property (Figure 12). The larger anomaly is approximately 500 m wide and trends southeasterly while the smaller anomaly is approximately 400 m wide and trends east-west. The radiometric highs flank the magnetic high.

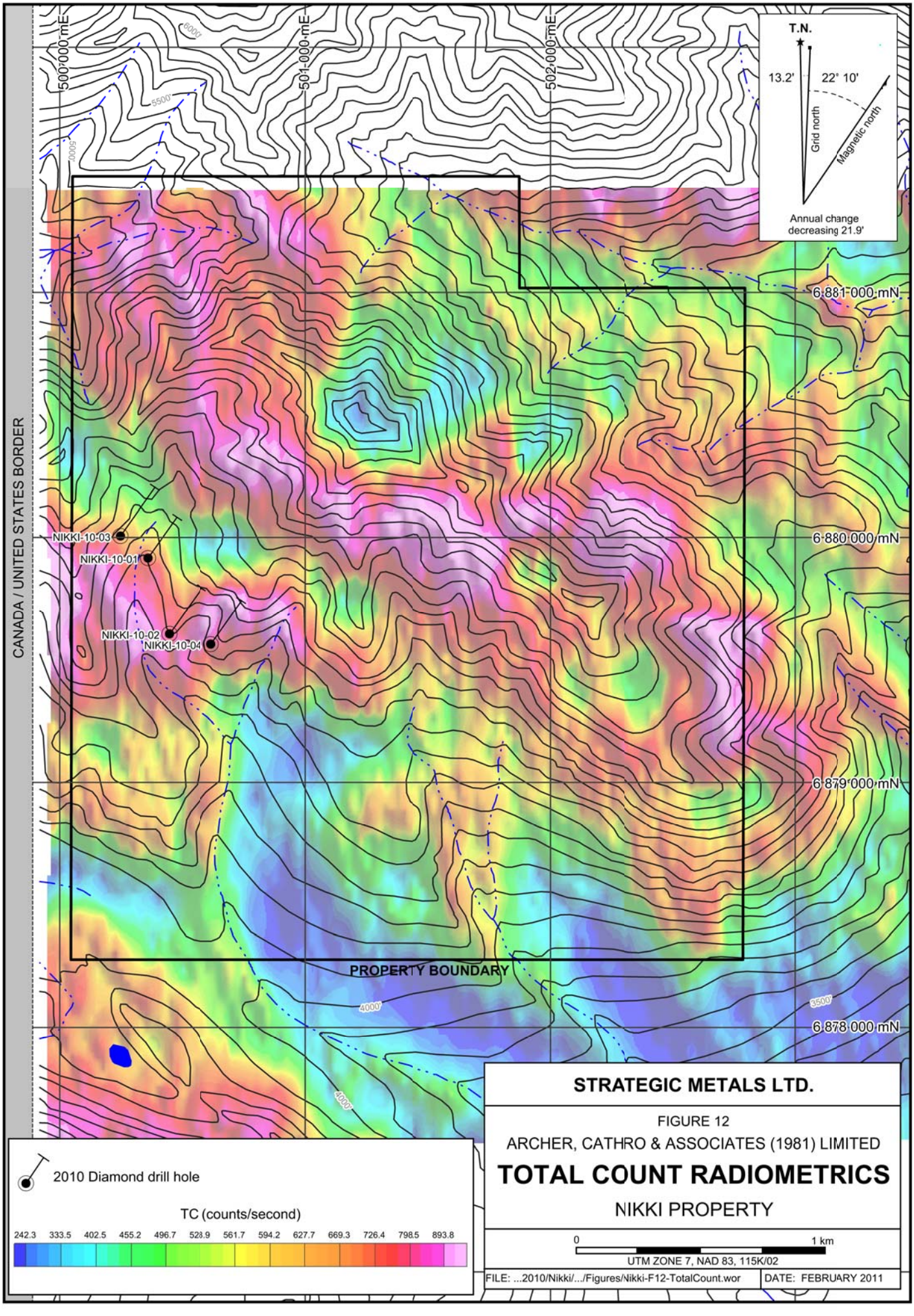
DICUSSION AND CONCLUSIONS

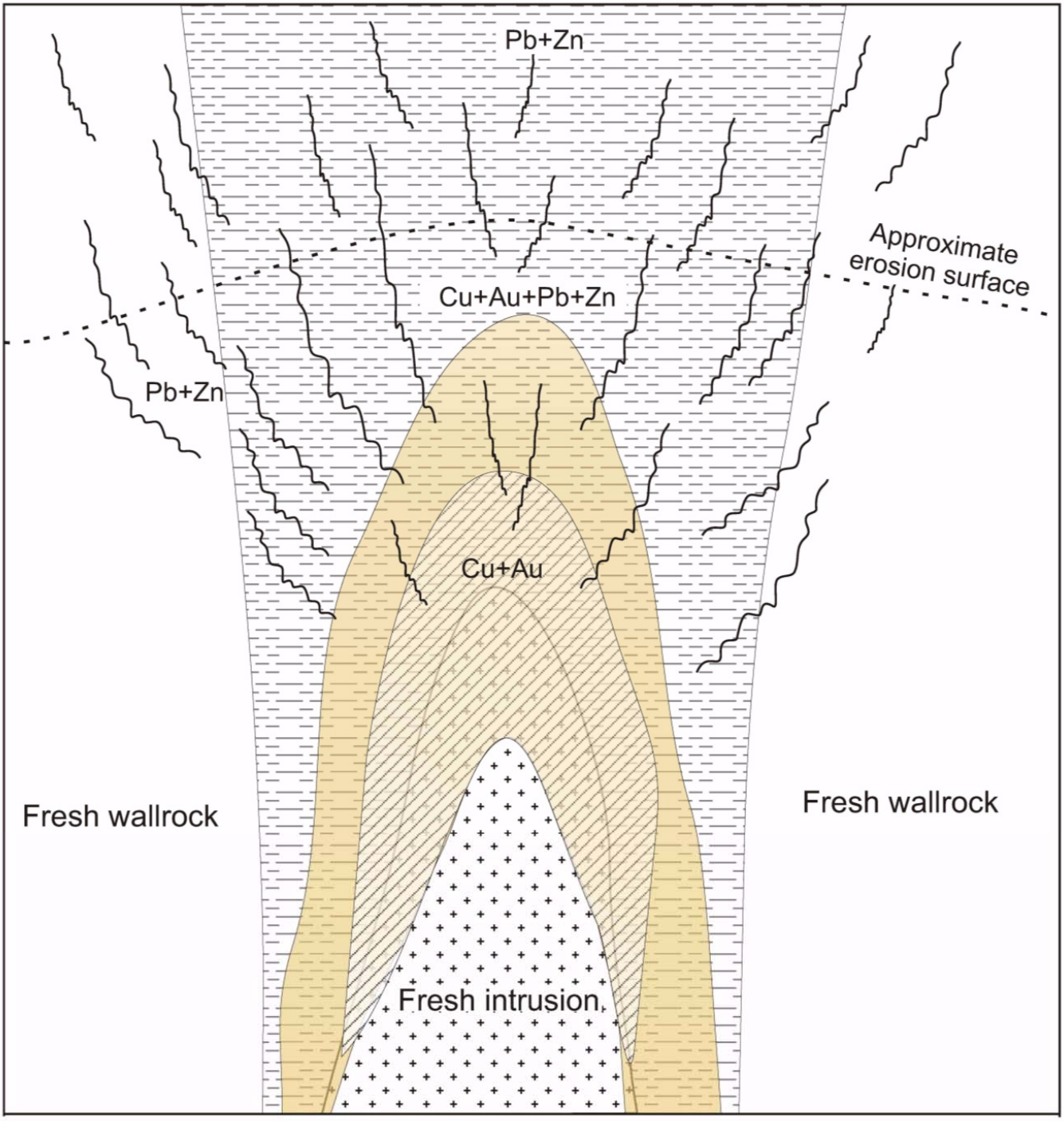
The Nikki property hosts porphyry style gold-copper mineralization associated with Cretaceous or younger intrusions cutting a Permo-Triassic island arc assemblage. The associated intrusions were emplaced in an extensional environment that followed accretion of Wrangellia to North America. They contain little free quartz. Thus, mineralization and alteration are more likely to follow the "diorite or alkalic" porphyry model rather than the more common "calc-alkaline" model. Figure 13 is a schematic diagram showing alteration zonation and metal distribution in an idealized alkalic porphyry system.

The porphyry system at Nikki appears to extend northwesterly into Alaska. Unfortunately, the adjacent area is a game preserve where no staking is allowed. Proximity to the border is a concern but there is ample room to develop a porphyry size deposit on Canadian soil. Relatively easy access to Nikki is possible from the Alaska Highway and creeks draining the area of interest flow into Canada.

The southeast trending magnetic high identified by New Sense Geophysics and Condor Consulting transects the property. This high appears to be related to diorite and granodiorite units. The scattered gabbro plugs and dykes also give slightly elevated magnetic response. The main magnetic anomaly approximately coincides with the gold soil geochemical anomaly while the copper soil geochemical anomaly is slightly offset downhill to the southwest. The presence of a magnetic high is consistent with the alkali exploration model.


500 000 mE
501 000 mE
502 000 mE
6 881 000 mN
6 880 000 mN
6 879 000 mN
6 878 000 mN
T.N.
13.2'
22° 10'
Grid north
Magnetic north
Annual change
decreasing 21.9'
CANADA / UNITED STATES BORDER
NIKKI-10-03
NIKKI-10-01
NIKKI-10-02
NIKKI-10-04
PROPERTY BOUNDARY
6000'
5500'
5000'
4000'
3500'
2010 Diamond drill hole
TMI (nT)
56468.9
56543.1
56585.1
56623.4
56652.0
56682.7
56725.7
56842.3
57042.5
57591.3
STRATEGIC METALS LTD.
FIGURE 11
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
TOTAL MAGNETICS SURVEY
NIKKI PROPERTY
0
1 km
UTM ZONE 7, NAD 83, 115K/02
FILE: ...2010/Nikki/.../Figures/Nikki-F11-TotalMag.wor
DATE: FEBRUARY 2011


500 000 mE
501 000 mE
502 000 mE
6 881 000 mN
6 880 000 mN
6 879 000 mN
6 878 000 mN
T.N.
13.2'
22° 10'
Grid north
Magnetic north
Annual change
decreasing 21.9'
CANADA / UNITED STATES BORDER
NIKKI-10-03
NIKKI-10-01
NIKKI-10-02
NIKKI-10-04
PROPERTY BOUNDARY
6000'
5500'
5000'
4000'
3500'
2010 Diamond drill hole
TC (counts/second)
242.3 333.5 402.5 455.2 496.7 528.9 561.7 594.2 627.7 669.3 726.4 798.5 893.8
STRATEGIC METALS LTD.
FIGURE 12
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
TOTAL COUNT RADIOMETRICS
NIKKI PROPERTY
0
1 km
UTM ZONE 7, NAD 83, 115K/02
FILE: ...2010/Nikki/.../Figures/Nikki-F12-TotalCount.wor
DATE: FEBRUARY 2011



Veins

Pervasive sulphide mineralization

Potassic alteration zone

Propylitic alteration zone

Intrusion

STRATEGIC METALS LTD.

FIGURE 13

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DEPOSIT MODEL

NIKKI PROPERTY

FILE: ...2010/Nikki/.../Figures/Nikki-F13-PPModel.wor	DATE: FEBRUARY 2011

Two east and southeast trending radiometric high anomalies also transect the property. The trough between the two anomalies coincides with the magnetic high discussed above. These radiometric anomalies are mainly related to the radiometric decay of potassium and are indicative of potassic alteration associated with the intrusive bodies.

Drilling in 2010 was designed to explore beneath the gold and copper soil geochemical anomalies identified in 2004 and 2006. Sub-economic values were returned for copper and gold. Nikki-10-02 and Nikki-10-04 intersected the best intervals which are related to fracturing and/or faulting. The well mineralized 2006 hand trenches are located uphill from the drill holes and based on oblique contact attitudes inferred from the drill core, it is possible that the holes passed beneath a mineralized zone. Strong phyllic alteration associated with highly fractured core also suggests that the holes may have been drilling along or through a steeply dipping fault in the footwall of a mineralized zone.

The Nikki property deserves more exploration to further test its porphyry gold-copper potential. Diamond drill holes oriented in the opposite direction to the 2010 holes are warranted to "scissor" across the mineralized zone. At least two other drill holes are recommended to the north of the main area of interest to test the gold-rich skarn and the smaller copper-gold soil geochemical anomaly.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Crystal J. Chung, B.Sc., GIT.

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APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Crystal J. Chung, geologist, with business addresses in Vancouver, British Columbia and Whitehorse, Yukon Territory and residential address in Burnaby, British Columbia do hereby certify that:

1. I graduated from the University of British Columbia in 2005 with a B.Sc. majoring in Earth and Ocean Sciences (Geology).

2. From 2004 to present, I have been actively engaged in mineral exploration in British Columbia, Alaska and the Yukon Territory.

3. I am a Geoscientist in Training (GIT) with the Association of Professional Engineers and Geoscientists of British Columbia (Member Number 138321).

4. I have personally reviewed and interpreted all data resulting from this work.

Crystal J Chung, B.Sc., GIT

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
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 9- OCT- 2010
Account: MTT

CERTIFICATE WH10140011

Project: NIKKI

P.O. No.: BATCH 17

This report is for 25 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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VANCOUVER BC V6B 1L8

Finalized Date: 9- OCT- 2010
Account: MTT

Project: NIKKI

CERTIFICATE OF ANALYSIS WH10140011

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
J981173		4.77	0.013	0.3	0.45	4	<10	250	<0.5	<2	1.98	<0.5	8	15	189	2.26
J981174		5.81	<0.005	<0.2	0.53	2	<10	520	0.5	<2	3.03	<0.5	6	6	69	2.03
J981175		4.83	<0.005	<0.2	0.61	6	<10	400	<0.5	2	2.93	<0.5	6	13	107	2.21
J981176		1.65	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	21.3	<0.5	3	1	3	0.40
J981177		4.74	<0.005	<0.2	0.67	2	<10	170	<0.5	<2	1.95	<0.5	5	19	128	1.95
J981178		6.09	0.008	<0.2	0.88	4	<10	220	<0.5	<2	1.68	<0.5	6	26	206	2.17
J981179		4.71	<0.005	<0.2	1.06	2	<10	250	<0.5	<2	1.96	<0.5	6	32	136	2.21
J981180		5.30	0.005	<0.2	0.93	3	<10	160	<0.5	<2	1.28	<0.5	6	27	70	2.49
J981181		0.28	0.987	5.2	1.62	23	<10	100	<0.5	3	0.82	2.2	12	43	>10000	4.09
J981182		5.06	0.021	<0.2	0.94	<2	<10	120	<0.5	<2	1.15	<0.5	7	24	225	2.48
J981183		4.60	0.019	<0.2	0.92	<2	<10	220	<0.5	<2	1.49	<0.5	7	22	184	2.31
J981184		3.98	0.013	<0.2	1.15	3	<10	340	<0.5	<2	2.12	<0.5	6	19	191	2.25
J981185		3.24	0.008	<0.2	1.12	2	<10	480	<0.5	<2	2.27	4.3	7	16	203	2.26
J981186		0.28	0.193	2.2	1.56	28	<10	120	0.5	<2	1.90	1.0	18	65	1990	4.42
J981187		4.85	0.007	0.2	1.12	<2	<10	380	<0.5	2	2.19	<0.5	6	20	394	2.34
J981188		4.58	0.018	0.2	1.04	<2	<10	400	<0.5	<2	2.21	0.5	7	23	317	2.27
J981189		3.34	<0.005	<0.2	0.83	<2	<10	150	<0.5	<2	1.17	<0.5	5	26	31	2.49
J981190		4.15	<0.005	<0.2	0.95	<2	<10	150	<0.5	<2	1.22	<0.5	6	25	94	2.38
J981191		5.50	<0.005	<0.2	0.94	<2	<10	80	<0.5	2	0.89	<0.5	5	27	68	2.42
J981192		2.14	<0.005	<0.2	0.88	<2	<10	60	<0.5	<2	0.83	<0.5	5	26	66	2.34
J981193		5.25	0.005	<0.2	0.97	<2	<10	120	<0.5	2	1.08	<0.5	6	26	172	2.44
J981194		4.97	0.005	<0.2	0.91	<2	<10	100	<0.5	<2	0.92	<0.5	6	27	130	2.43
J981195		2.65	0.016	<0.2	1.03	2	<10	80	<0.5	<2	1.17	<0.5	11	26	69	3.41
J981196		1.92	0.006	<0.2	1.04	<2	<10	80	<0.5	<2	1.23	<0.5	6	27	143	2.63
J981197		0.70	<0.005	<0.2	0.03	<2	<10	10	<0.5	2	20.4	<0.5	1	1	1	0.41

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Finalized Date: 9- OCT- 2010
Account: MTT

Project: NIKKI

CERTIFICATE OF ANALYSIS WH10140011

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J981173		<10	<1	0.17	10	0.42	445	<1	0.08	9	660	<2	0.54	<2	3	152
J981174		<10	<1	0.29	20	0.45	879	1	0.06	5	800	<2	0.17	<2	2	157
J981175		<10	<1	0.26	10	0.48	739	<1	0.06	7	730	<2	0.41	<2	3	252
J981176		<10	1	0.02	<10	12.95	200	<1	0.01	<1	250	<2	<0.01	<2	<1	51
J981177		<10	<1	0.11	10	0.77	397	<1	0.08	7	530	<2	0.37	<2	4	232
J981178		<10	<1	0.13	10	0.75	385	<1	0.07	9	620	<2	0.28	<2	4	130
J981179		<10	<1	0.18	10	0.73	458	1	0.07	10	590	<2	0.19	<2	4	164
J981180		10	<1	0.11	10	0.91	394	<1	0.08	10	630	<2	0.13	<2	4	90
J981181		10	<1	0.14	<10	0.76	430	225	0.09	27	570	39	1.84	23	5	43
J981182		10	<1	0.11	10	0.95	368	<1	0.09	10	670	<2	0.32	<2	4	71
J981183		<10	<1	0.15	10	0.73	342	<1	0.08	9	620	<2	0.25	<2	3	81
J981184		<10	<1	0.21	10	0.78	382	<1	0.07	9	660	<2	0.26	<2	2	99
J981185		10	<1	0.19	10	0.76	431	1	0.07	10	630	6	0.65	<2	2	170
J981186		<10	<1	0.52	20	0.88	382	161	0.06	16	720	20	1.96	7	6	74
J981187		<10	<1	0.18	10	0.79	479	1	0.06	11	820	7	0.59	<2	3	128
J981188		<10	<1	0.19	10	0.62	430	<1	0.07	11	610	2	0.22	<2	3	145
J981189		<10	<1	0.10	10	0.73	297	<1	0.09	9	650	<2	0.05	<2	3	60
J981190		10	<1	0.11	10	0.85	315	<1	0.07	10	630	<2	0.19	<2	4	67
J981191		<10	<1	0.09	10	0.81	211	<1	0.09	9	640	<2	0.10	<2	2	49
J981192		10	<1	0.08	10	0.73	195	<1	0.08	8	660	<2	0.09	<2	2	46
J981193		<10	<1	0.12	10	0.94	260	<1	0.08	9	620	2	0.42	<2	3	47
J981194		<10	<1	0.11	10	0.90	211	<1	0.08	9	630	<2	0.20	<2	3	42
J981195		10	<1	0.12	10	0.97	361	<1	0.07	10	870	3	1.46	<2	3	40
J981196		<10	<1	0.10	10	0.97	363	<1	0.06	10	670	<2	0.29	<2	3	39
J981197		<10	<1	<0.01	<10	12.60	197	<1	0.01	<1	170	<2	<0.01	<2	<1	46

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

Finalized Date: 9- OCT- 2010
Account: MTT

Project: NIKKI

CERTIFICATE OF ANALYSIS WH10140011

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.001
J981173		<20	<0.01	<10	<10	32	<10	26	
J981174		<20	<0.01	<10	<10	17	<10	63	
J981175		<20	<0.01	<10	<10	27	<10	53	
J981176		<20	<0.01	<10	<10	1	<10	14	
J981177		<20	<0.01	<10	<10	43	<10	20	
J981178		<20	<0.01	<10	<10	47	<10	32	
J981179		<20	<0.01	<10	<10	44	<10	32	
J981180		<20	0.02	<10	<10	57	<10	24	
J981181		<20	0.14	<10	<10	61	<10	138	1.250
J981182		<20	0.04	<10	<10	59	<10	23	
J981183		<20	0.03	<10	<10	53	<10	29	
J981184		<20	0.01	<10	<10	41	<10	65	
J981185		<20	<0.01	<10	<10	33	<10	769	
J981186		<20	0.04	<10	<10	60	<10	68	
J981187		<20	<0.01	<10	<10	41	<10	92	
J981188		<20	0.01	<10	<10	44	<10	72	
J981189		<20	0.06	<10	<10	60	<10	16	
J981190		<20	0.04	<10	<10	59	<10	20	
J981191		<20	0.10	<10	<10	62	<10	14	
J981192		<20	0.09	<10	<10	60	<10	14	
J981193		<20	0.07	<10	<10	58	<10	45	
J981194		<20	0.10	<10	<10	60	<10	14	
J981195		<20	0.05	<10	<10	58	<10	43	
J981196		<20	0.03	<10	<10	61	<10	32	
J981197		<20	<0.01	<10	<10	<1	<10	13	

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

Finalized Date: 10- OCT- 2010
Account: MTT

CERTIFICATE WH10140010

Project: NIKKI

P.O. No.: BATCH 16

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 28- SEP- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

To: **STRATEGIC METALS LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10- OCT- 2010
Account: MTT

Project: NIKKI

CERTIFICATE OF ANALYSIS WH10140010

Sample Description	Method	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
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
J981137		3.56	0.034	0.9	1.38	3	<10	160	<0.5	2	2.71	0.6	8	17	610	2.58
J981138		4.11	0.005	0.3	1.31	<2	<10	90	<0.5	2	1.97	0.5	10	21	343	2.32
J981139		4.06	0.011	0.4	1.28	<2	<10	120	<0.5	3	2.36	0.8	10	23	569	2.30
J981140		5.78	0.007	<0.2	1.71	<2	<10	260	<0.5	<2	2.89	<0.5	11	36	290	2.83
J981141		5.99	0.010	0.2	1.53	2	<10	130	<0.5	<2	2.62	<0.5	8	24	327	2.68
J981142		5.11	0.021	0.8	1.07	<2	<10	90	<0.5	<2	2.81	<0.5	13	18	883	2.85
J981143		5.11	0.035	0.4	1.46	<2	<10	160	<0.5	<2	2.90	<0.5	10	23	1400	2.32
J981144		5.38	0.037	0.9	1.50	3	<10	130	<0.5	<2	3.04	0.5	8	29	1220	2.93
J981145		0.29	0.910	5.0	1.46	19	<10	90	<0.5	<2	0.72	2.3	11	39	>10000	3.48
J981146		4.51	0.064	0.5	1.82	<2	<10	150	<0.5	3	2.91	<0.5	11	21	1735	2.95
J981147		5.29	0.070	0.5	1.75	<2	<10	180	<0.5	3	2.61	<0.5	10	61	1490	2.83
J981148		5.56	0.044	0.7	1.72	<2	<10	160	<0.5	3	2.76	<0.5	9	56	1030	3.02
J981149		2.00	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	20.0	<0.5	<1	1	8	0.35
J981150		4.98	0.025	0.6	1.26	<2	<10	180	<0.5	<2	2.48	<0.5	6	20	758	2.17
J981151		4.21	0.024	0.5	1.25	2	<10	140	<0.5	<2	2.82	<0.5	7	24	1045	2.55
J981152		5.93	0.023	0.5	1.36	3	<10	140	<0.5	<2	2.65	<0.5	9	34	748	2.61
J981153		1.87	0.025	0.2	1.08	<2	<10	120	<0.5	<2	1.30	<0.5	7	30	505	2.56
J981154		2.56	0.021	0.3	1.19	5	<10	280	<0.5	<2	1.80	<0.5	6	24	480	2.38
J981155		0.26	0.257	2.0	1.47	27	<10	160	<0.5	<2	1.83	1.0	17	64	1910	4.24
J981156		3.86	0.020	0.2	1.07	<2	<10	200	<0.5	<2	1.99	<0.5	7	22	577	2.16
J981157		6.56	0.022	0.4	1.55	5	<10	210	<0.5	<2	2.65	<0.5	10	40	523	3.64
J981158		4.14	0.024	0.7	1.08	<2	<10	220	<0.5	<2	2.21	<0.5	5	20	1125	2.19
J981159		4.99	0.021	0.5	1.32	4	<10	170	<0.5	<2	2.80	<0.5	8	46	612	3.02
J981160		6.40	0.043	0.5	1.41	<2	<10	130	<0.5	<2	2.18	<0.5	12	19	1105	3.91
J981161		5.94	0.043	0.6	1.04	6	<10	130	<0.5	<2	2.71	<0.5	12	24	921	3.17
J981162		5.83	0.019	0.5	0.80	13	<10	180	0.5	<2	4.87	<0.5	11	35	462	3.41
J981163		1.28	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	20.5	<0.5	2	1	4	0.40
J981164		5.36	0.021	0.3	1.81	4	<10	140	0.5	<2	4.17	<0.5	19	57	478	4.70
J981165		5.51	0.131	1.5	0.99	11	<10	170	<0.5	2	4.78	<0.5	15	34	1200	4.52
J981166		5.38	0.063	0.6	0.87	12	<10	180	<0.5	<2	4.16	<0.5	12	24	540	4.21
J981167		5.11	0.034	1.0	0.60	5	<10	160	<0.5	<2	3.50	1.1	10	11	771	3.20
J981168		5.18	0.005	<0.2	0.49	2	<10	310	<0.5	<2	2.19	<0.5	5	17	185	2.25
J981169		4.18	0.005	0.3	0.46	6	<10	240	<0.5	<2	2.37	<0.5	7	18	135	2.29
J981170		3.87	0.006	0.2	0.50	3	<10	230	<0.5	<2	1.97	<0.5	6	15	235	2.31
J981171		1.44	0.007	0.2	0.51	2	<10	310	<0.5	<2	2.27	<0.5	7	15	239	2.41
J981172		4.35	0.014	<0.2	0.46	3	<10	320	<0.5	<2	1.57	<0.5	6	16	399	2.05

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10- OCT- 2010
Account: MTT

Project: NIKKI

CERTIFICATE OF ANALYSIS WH10140010

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J981137		<10	<1	0.24	10	0.84	866	1	0.05	11	710	29	1.80	<2	2	155
J981138		<10	1	0.15	10	0.97	596	1	0.07	11	630	<2	1.91	<2	3	100
J981139		10	1	0.19	10	1.04	607	1	0.07	12	650	8	2.33	<2	3	135
J981140		10	<1	0.17	10	1.27	606	<1	0.11	19	640	<2	0.75	<2	5	165
J981141		10	<1	0.19	10	1.10	838	<1	0.07	13	690	<2	1.40	<2	3	109
J981142		<10	<1	0.19	10	0.82	715	<1	0.06	12	690	8	3.54	<2	2	154
J981143		<10	<1	0.21	10	1.04	591	<1	0.08	15	660	3	2.08	<2	4	514
J981144		10	<1	0.22	10	1.13	839	1	0.07	17	640	27	2.38	<2	4	163
J981145		<10	1	0.13	<10	0.66	386	193	0.08	26	530	35	1.83	21	5	35
J981146		10	<1	0.22	10	1.31	401	1	0.12	20	700	2	2.00	<2	6	193
J981147		10	1	0.16	10	1.48	384	1	0.09	27	690	<2	1.47	<2	5	184
J981148		10	1	0.19	10	1.38	778	2	0.09	26	710	6	1.43	<2	5	166
J981149		<10	<1	0.02	<10	12.30	177	<1	0.01	1	220	<2	<0.01	<2	<1	47
J981150		10	1	0.19	10	0.96	487	1	0.07	12	660	6	1.52	<2	3	165
J981151		<10	<1	0.18	10	1.01	556	2	0.07	21	720	12	1.74	<2	3	184
J981152		<10	<1	0.14	10	1.05	597	2	0.08	19	630	5	1.45	<2	4	152
J981153		10	<1	0.06	10	0.97	258	2	0.06	11	650	<2	0.55	<2	4	85
J981154		10	<1	0.11	10	0.98	554	5	0.07	12	650	5	0.81	<2	3	125
J981155		<10	<1	0.50	20	0.84	367	153	0.06	17	690	18	1.88	7	6	72
J981156		<10	<1	0.13	10	0.97	383	5	0.07	10	650	2	1.21	<2	3	160
J981157		10	1	0.13	10	1.39	731	2	0.11	16	800	5	1.15	<2	7	214
J981158		10	<1	0.13	10	0.95	522	<1	0.08	10	620	3	1.23	<2	3	142
J981159		10	<1	0.14	10	1.26	570	1	0.09	19	690	4	1.72	<2	4	176
J981160		10	1	0.13	10	1.41	688	1	0.08	12	860	2	2.26	<2	7	119
J981161		<10	<1	0.16	10	1.33	713	1	0.10	16	720	10	1.36	<2	5	176
J981162		<10	<1	0.21	10	2.02	1300	<1	0.10	29	680	5	1.42	<2	7	317
J981163		<10	1	0.01	<10	12.40	202	<1	0.01	<1	220	<2	<0.01	<2	<1	48
J981164		10	<1	0.18	10	1.83	1025	1	0.26	48	870	3	0.53	<2	14	213
J981165		<10	<1	0.19	10	1.52	1250	<1	0.15	35	780	8	1.49	<2	9	377
J981166		<10	<1	0.18	10	1.38	1035	<1	0.13	22	740	6	1.60	<2	8	394
J981167		<10	<1	0.17	10	1.29	732	3	0.10	11	610	10	1.98	<2	4	334
J981168		<10	1	0.16	10	0.93	642	<1	0.10	8	600	<2	0.31	<2	3	230
J981169		<10	<1	0.18	10	0.66	541	<1	0.09	11	610	2	0.54	<2	3	193
J981170		<10	<1	0.18	10	0.45	435	<1	0.09	9	590	<2	0.45	<2	3	158
J981171		<10	<1	0.19	10	0.49	492	<1	0.10	9	590	<2	0.46	<2	3	199
J981172		<10	<1	0.18	10	0.65	398	<1	0.10	8	590	<2	0.28	<2	3	214

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Finalized Date: 10- OCT- 2010
Account: MTT

Project: NIKKI

CERTIFICATE OF ANALYSIS WH10140010

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Cu- OG46 Cu % 0.001
J981137		<20	<0.01	<10	<10	34	<10	114	
J981138		<20	<0.01	<10	<10	37	<10	88	
J981139		<20	<0.01	<10	<10	39	<10	100	
J981140		<20	<0.01	<10	<10	63	<10	43	
J981141		<20	<0.01	<10	<10	48	<10	90	
J981142		<20	<0.01	<10	<10	31	<10	66	
J981143		<20	0.02	<10	<10	53	<10	54	
J981144		<20	0.01	<10	<10	58	<10	96	
J981145		<20	0.12	<10	<10	54	<10	130	1.350
J981146		<20	0.05	<10	<10	83	<10	43	
J981147		<20	0.03	<10	<10	79	<10	41	
J981148		<20	0.03	<10	<10	75	<10	68	
J981149		<20	<0.01	<10	10	2	<10	13	
J981150		<20	0.01	<10	<10	45	<10	54	
J981151		<20	0.01	<10	<10	52	<10	54	
J981152		<20	0.03	<10	<10	54	<10	56	
J981153		<20	0.07	<10	<10	58	<10	27	
J981154		<20	0.02	<10	<10	49	<10	52	
J981155		<20	0.04	<10	<10	57	<10	63	
J981156		<20	0.01	<10	<10	45	<10	35	
J981157		<20	0.02	<10	<10	80	<10	70	
J981158		<20	0.01	<10	<10	43	<10	65	
J981159		<20	0.01	<10	<10	65	<10	61	
J981160		<20	0.01	<10	<10	75	<10	69	
J981161		<20	0.01	<10	<10	60	<10	90	
J981162		<20	<0.01	<10	<10	59	<10	80	
J981163		<20	<0.01	<10	<10	1	<10	14	
J981164		<20	0.01	<10	<10	132	<10	79	
J981165		<20	<0.01	<10	<10	92	<10	130	
J981166		<20	<0.01	<10	<10	68	<10	86	
J981167		<20	<0.01	<10	<10	35	<10	190	
J981168		<20	<0.01	<10	<10	37	<10	39	
J981169		<20	<0.01	<10	<10	35	<10	37	
J981170		<20	<0.01	<10	<10	35	<10	24	
J981171		<20	<0.01	<10	<10	35	<10	26	
J981172		<20	<0.01	<10	<10	34	<10	22	

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

Finalized Date: 2- OCT- 2010
Account: MTT

CERTIFICATE WH10135228

Project: Nikki

P.O. No.: Batch 15

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21- SEP- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 2- OCT- 2010
Account: MTT

Project: Nikki

CERTIFICATE OF ANALYSIS WH10135228

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
J981101		3.03	0.013	1.8	1.23	10	<10	50	<0.5	2	3.09	0.9	13	14	609	2.85
J981102		4.41	0.035	4.9	0.94	19	<10	110	<0.5	<2	2.45	31.3	8	11	969	2.60
J981103		1.43	0.014	5.6	1.00	37	<10	160	0.5	<2	3.15	3.4	7	7	802	2.51
J981104		1.70	0.024	1.9	1.18	2	<10	100	<0.5	2	3.37	2.4	5	14	309	3.07
J981105		1.86	0.018	2.0	1.21	6	<10	60	<0.5	<2	3.43	20.7	10	13	701	2.95
J981106		0.17	<0.005	0.2	2.33	2	<10	260	<0.5	2	2.69	<0.5	18	44	139	3.41
J981107		1.80	0.035	1.4	1.55	4	<10	230	<0.5	2	2.23	1.5	8	18	1045	3.02
J981108		3.03	0.009	0.4	1.79	2	<10	240	<0.5	<2	1.74	<0.5	12	24	438	3.02
J981109		4.26	<0.005	0.2	1.30	<2	<10	180	<0.5	<2	1.47	<0.5	7	25	303	2.76
J981110		0.26	0.971	5.0	1.62	22	<10	90	<0.5	10	0.81	2.0	12	42	>10000	3.70
J981111		4.30	0.015	0.9	1.50	4	<10	110	<0.5	<2	3.25	1.0	8	15	376	2.75
J981112		3.45	0.008	0.3	1.53	<2	<10	230	<0.5	2	2.45	<0.5	11	20	414	2.98
J981113		4.45	<0.005	<0.2	1.63	4	<10	210	<0.5	<2	3.09	<0.5	11	37	175	3.14
J981114		5.49	0.006	0.2	1.37	<2	<10	440	<0.5	2	2.19	<0.5	7	18	286	2.58
J981115		2.50	<0.005	<0.2	0.08	<2	<10	20	<0.5	2	19.0	<0.5	1	1	7	0.37
J981116		3.15	0.006	0.3	1.58	<2	<10	260	<0.5	<2	2.85	<0.5	8	17	482	2.36
J981117		4.47	0.019	0.9	0.78	8	<10	120	<0.5	<2	4.62	<0.5	5	6	678	1.85
J981118		4.73	0.011	0.6	1.09	4	<10	100	<0.5	<2	3.86	0.7	8	12	581	2.42
J981119		2.86	0.015	0.7	1.39	3	<10	160	<0.5	2	3.40	0.7	6	13	437	2.84
J981120		5.07	0.007	0.2	1.61	3	<10	300	<0.5	<2	2.96	<0.5	11	19	350	2.51
J981121		0.27	0.213	2.0	1.62	28	<10	120	0.5	3	1.88	0.9	17	67	1990	4.16
J981122		3.50	0.012	0.6	1.58	<2	<10	180	<0.5	<2	2.75	<0.5	8	50	690	2.40
J981123		2.08	0.014	0.4	1.81	3	<10	240	<0.5	2	2.51	<0.5	7	24	744	2.80
J981124		4.96	0.005	0.3	1.69	2	<10	170	<0.5	<2	1.78	<0.5	7	25	389	2.60
J981125		2.42	<0.005	<0.2	0.07	<2	<10	20	<0.5	<2	19.2	<0.5	<1	1	5	0.39
J981126		5.32	0.016	0.2	1.88	<2	<10	90	<0.5	<2	1.69	<0.5	8	28	575	3.23
J981127		4.03	<0.005	<0.2	1.66	<2	<10	130	<0.5	<2	1.46	<0.5	7	30	227	2.90
J981128		3.77	0.012	0.7	1.58	3	<10	210	<0.5	<2	2.23	0.6	7	21	569	2.47
J981129		6.33	0.013	0.4	1.53	2	<10	160	<0.5	<2	2.68	<0.5	7	20	398	2.78
J981130		4.39	<0.005	0.2	1.52	<2	<10	110	<0.5	<2	1.42	<0.5	8	26	356	2.80
J981131		1.30	<0.005	<0.2	1.55	<2	<10	70	<0.5	<2	1.34	<0.5	8	29	235	3.02
J981132		2.27	0.005	<0.2	1.34	<2	<10	260	<0.5	<2	1.39	<0.5	6	24	288	2.36
J981133		2.87	0.007	0.3	1.82	2	<10	170	<0.5	2	2.14	<0.5	10	24	254	3.26
J981134		1.29	0.024	1.0	1.01	8	<10	80	<0.5	<2	4.22	0.9	16	6	268	3.11
J981135		1.53	0.010	0.5	1.44	2	<10	280	<0.5	2	2.22	<0.5	5	21	468	2.40
J981136		3.23	0.014	0.5	1.47	<2	<10	210	<0.5	<2	3.35	<0.5	7	16	550	2.35

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 2- OCT- 2010
Account: MTT

Project: Nikki

CERTIFICATE OF ANALYSIS WH10135228

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J981101		<10	<1	0.27	10	0.68	689	5	0.03	10	670	40	2.15	9	2	200
J981102		<10	<1	0.24	10	0.51	606	9	0.05	8	610	156	2.40	23	1	134
J981103		<10	<1	0.29	10	0.53	739	8	0.02	8	660	161	1.82	66	1	105
J981104		<10	<1	0.26	10	0.69	684	10	0.06	7	610	58	2.10	2	2	137
J981105		<10	<1	0.26	10	0.65	810	12	0.05	9	600	451	2.51	3	2	121
J981106		10	1	0.19	10	1.92	615	1	0.12	57	660	10	0.40	<2	7	158
J981107		10	<1	0.24	10	0.97	864	2	0.06	8	650	67	1.18	<2	3	114
J981108		10	<1	0.16	10	1.09	590	3	0.11	10	700	7	0.71	<2	4	107
J981109		10	<1	0.14	10	0.93	382	1	0.09	10	680	4	0.35	<2	4	102
J981110		10	<1	0.14	<10	0.70	403	201	0.10	27	550	39	1.70	22	5	42
J981111		<10	<1	0.24	10	0.75	623	22	0.05	9	590	48	2.49	<2	2	371
J981112		10	<1	0.22	20	0.96	625	3	0.07	10	670	18	1.15	<2	3	144
J981113		<10	<1	0.19	10	0.99	472	<1	0.07	29	660	5	0.36	<2	6	137
J981114		<10	<1	0.19	10	0.87	409	1	0.08	8	660	5	0.55	<2	3	190
J981115		<10	<1	0.04	<10	11.60	168	<1	0.01	<1	600	2	<0.01	<2	<1	58
J981116		<10	<1	0.24	20	0.97	673	6	0.07	8	680	4	0.89	<2	2	168
J981117		<10	<1	0.25	20	0.37	696	5	0.04	5	600	43	2.39	<2	1	223
J981118		<10	<1	0.24	10	0.72	943	3	0.04	8	670	12	1.66	<2	2	110
J981119		<10	<1	0.25	20	0.80	828	<1	0.06	9	670	13	1.82	<2	2	128
J981120		10	<1	0.22	20	1.01	762	<1	0.07	11	690	5	0.87	<2	3	210
J981121		<10	<1	0.53	20	0.85	367	153	0.07	16	720	24	1.90	7	6	74
J981122		<10	<1	0.21	10	1.20	691	1	0.08	20	670	10	1.43	<2	3	252
J981123		10	<1	0.24	10	1.10	847	1	0.12	9	710	6	1.27	<2	3	217
J981124		10	<1	0.14	10	0.93	424	<1	0.15	9	680	4	0.65	<2	3	102
J981125		<10	<1	0.03	<10	11.75	177	<1	0.01	<1	270	2	<0.01	<2	<1	52
J981126		10	<1	0.12	10	1.17	303	1	0.15	12	700	3	0.40	<2	5	119
J981127		10	<1	0.13	10	1.03	270	<1	0.13	10	680	4	0.56	<2	4	84
J981128		<10	<1	0.23	10	0.96	631	<1	0.08	9	680	26	0.70	<2	3	114
J981129		<10	<1	0.19	10	0.96	727	<1	0.08	9	660	20	0.85	<2	3	102
J981130		10	<1	0.09	10	1.05	283	<1	0.11	10	700	4	0.38	<2	4	107
J981131		10	<1	0.10	10	1.07	294	<1	0.12	10	710	4	0.33	<2	5	87
J981132		10	<1	0.10	10	1.07	271	<1	0.09	9	640	3	0.48	<2	4	120
J981133		<10	<1	0.24	10	1.20	561	<1	0.10	13	770	8	1.15	<2	5	113
J981134		<10	<1	0.26	10	0.42	843	1	0.04	9	630	22	3.33	<2	1	188
J981135		<10	<1	0.22	10	0.96	758	<1	0.08	8	670	4	0.73	<2	3	142
J981136		<10	<1	0.25	10	0.80	731	<1	0.06	10	700	13	1.03	<2	2	172

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

Finalized Date: 2- OCT- 2010
Account: MTT

Project: Nikki

CERTIFICATE OF ANALYSIS WH10135228

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.001
J981101		<20	<0.01	<10	<10	24	<10	182	
J981102		<20	<0.01	<10	<10	21	10	4220	
J981103		<20	<0.01	<10	<10	14	<10	299	
J981104		<20	<0.01	<10	<10	30	<10	491	
J981105		<20	<0.01	<10	<10	24	<10	1725	
J981106		<20	0.01	<10	<10	84	<10	86	
J981107		<20	0.01	<10	<10	39	<10	226	
J981108		<20	0.03	<10	<10	61	<10	75	
J981109		<20	0.02	<10	<10	54	<10	48	
J981110		<20	0.13	<10	<10	59	<10	129	1.280
J981111		<20	<0.01	<10	<10	27	<10	204	
J981112		<20	<0.01	<10	<10	43	<10	74	
J981113		<20	0.01	<10	<10	56	<10	50	
J981114		<20	<0.01	<10	<10	38	<10	40	
J981115		<20	<0.01	<10	10	2	<10	14	
J981116		<20	<0.01	<10	<10	35	<10	67	
J981117		<20	<0.01	<10	<10	10	<10	41	
J981118		<20	<0.01	<10	<10	23	<10	123	
J981119		<20	<0.01	<10	<10	28	<10	102	
J981120		<20	<0.01	<10	<10	38	<10	57	
J981121		<20	0.04	<10	<10	60	<10	65	
J981122		<20	0.01	<10	<10	46	<10	80	
J981123		<20	0.01	<10	<10	45	<10	70	
J981124		<20	0.08	<10	<10	56	<10	40	
J981125		<20	<0.01	<10	10	2	<10	14	
J981126		<20	0.14	<10	<10	102	<10	20	
J981127		<20	0.08	<10	<10	59	<10	21	
J981128		<20	0.01	<10	<10	43	<10	81	
J981129		<20	0.01	<10	<10	46	<10	65	
J981130		<20	0.10	<10	<10	67	<10	22	
J981131		<20	0.11	<10	<10	73	<10	22	
J981132		<20	0.05	<10	<10	49	<10	20	
J981133		<20	0.02	<10	<10	62	<10	55	
J981134		<20	<0.01	<10	<10	12	<10	159	
J981135		<20	<0.01	<10	<10	42	<10	105	
J981136		<20	<0.01	<10	<10	35	<10	77	

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To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29- SEP- 2010
Account: F

CERTIFICATE WH10131470

Project: Nikki

P.O. No.: Batch 14

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

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
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

ANALYTICAL PROCEDURES

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

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
ATTN: JOAN MARIACHER
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

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

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29- SEP- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10131470

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
J981065		4.00	<0.005	<0.2	4.47	2	<10	40	<0.5	<2	2.84	<0.5	25	83	86	3.96
J981066		2.96	<0.005	<0.2	3.65	2	<10	70	<0.5	<2	3.97	<0.5	23	68	86	4.74
J981067		4.85	<0.005	0.4	1.54	4	<10	250	<0.5	<2	4.06	<0.5	10	33	162	2.73
J981068		3.13	<0.005	0.2	1.59	3	<10	220	<0.5	<2	2.93	<0.5	8	14	156	2.75
J981069		3.61	0.006	0.3	2.57	3	<10	200	<0.5	<2	3.87	<0.5	17	3	222	5.59
J981070		5.86	0.008	0.4	2.56	2	<10	210	<0.5	2	3.99	0.7	17	5	182	5.39
J981071		4.87	0.210	3.4	1.15	29	<10	110	<0.5	4	2.34	16.3	7	25	511	4.40
J981072		7.62	0.011	0.4	1.27	2	<10	80	<0.5	<2	2.64	0.6	8	25	305	3.03
J981073		9.59	0.022	0.6	1.43	6	<10	120	0.5	<2	2.90	0.5	8	15	174	2.89
J981074		4.00	0.009	0.5	1.25	2	<10	150	<0.5	<2	2.68	<0.5	9	30	284	2.98
J981075		7.34	0.007	0.4	1.29	2	<10	190	<0.5	<2	2.19	<0.5	9	21	243	2.78
J981076		2.97	<0.005	<0.2	0.05	<2	<10	180	<0.5	<2	19.2	<0.5	<1	<1	6	0.42
J981077		4.25	0.005	0.3	1.04	2	<10	170	<0.5	<2	2.55	<0.5	9	26	233	2.77
J981078		8.11	0.010	0.4	1.46	4	<10	190	0.5	<2	3.48	<0.5	7	16	187	2.87
J981079		0.08	0.914	5.0	1.55	22	<10	90	<0.5	<2	0.76	2.1	10	41	>10000	3.58
J981080		8.34	0.011	1.6	1.05	55	<10	120	<0.5	51	2.79	<0.5	8	27	472	2.95
J981081		7.01	<0.005	0.3	1.02	2	<10	230	<0.5	<2	2.09	<0.5	7	17	144	2.88
J981082		7.32	0.023	0.9	0.48	6	<10	160	<0.5	<2	2.25	3.2	7	11	356	2.87
J981083		8.23	<0.005	0.2	1.12	<2	<10	270	<0.5	<2	1.48	<0.5	9	20	154	3.14
J981084		8.44	0.009	0.4	0.90	5	<10	140	<0.5	<2	2.55	<0.5	10	11	442	2.81
J981085		8.20	0.005	0.3	0.82	2	<10	210	<0.5	<2	2.24	<0.5	9	22	305	2.95
J981086		4.36	0.043	1.0	0.83	16	<10	140	<0.5	<2	2.45	23.1	9	28	300	3.03
J981087		0.08	0.205	2.0	1.56	28	<10	160	<0.5	2	1.81	0.9	16	65	1955	4.03
J981088		3.11	0.009	0.4	1.11	4	<10	150	0.5	<2	2.96	2.4	11	18	296	3.19
J981089		2.44	0.012	0.6	0.75	<2	<10	110	<0.5	<2	2.62	0.8	10	11	770	2.83
J981090		4.24	0.008	0.4	1.10	4	<10	130	<0.5	<2	2.53	0.7	12	14	484	2.91
J981091		2.56	0.013	0.5	0.97	<2	<10	120	<0.5	<2	2.06	<0.5	9	14	825	2.62
J981092		2.26	0.010	1.0	0.62	4	<10	130	<0.5	<2	2.10	1.5	8	18	492	2.47
J981093		2.59	<0.005	<0.2	0.03	<2	<10	10	<0.5	<2	18.7	<0.5	<1	1	6	0.36
J981094		2.47	0.008	0.4	1.15	<2	<10	150	<0.5	<2	2.02	0.7	7	19	439	2.72
J981095		3.90	0.007	0.3	1.30	2	<10	220	<0.5	<2	1.58	<0.5	8	24	400	2.67
J981096		3.09	<0.005	2.6	1.16	9	<10	340	0.5	<2	3.83	1.0	7	6	191	1.96
J981097		4.11	0.016	0.9	0.97	3	<10	60	<0.5	<2	2.60	5.9	12	12	300	2.92
J981098		2.29	0.009	0.4	1.25	<2	<10	270	<0.5	<2	1.87	<0.5	8	37	275	2.77
J981099		4.37	0.014	0.5	1.38	<2	<10	200	<0.5	<2	2.44	0.9	8	18	470	2.98
J981100		2.35	0.008	0.4	1.52	<2	<10	170	<0.5	<2	2.36	0.7	8	21	537	2.97

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To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29- SEP- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10131470

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J981065		10	<1	0.06	<10	3.27	830	<1	0.35	103	550	7	0.03	<2	5	218
J981066		10	<1	0.13	10	3.11	1540	<1	0.17	79	900	16	0.06	<2	14	170
J981067		10	<1	0.25	10	1.09	1055	1	0.04	21	630	5	1.57	<2	3	301
J981068		<10	<1	0.30	10	0.91	860	<1	0.04	9	740	5	1.20	<2	2	167
J981069		10	<1	0.17	10	1.68	1350	<1	0.07	3	1800	4	0.86	2	13	115
J981070		10	<1	0.25	10	1.60	1260	<1	0.08	9	1650	5	0.27	<2	12	124
J981071		<10	<1	0.57	10	0.61	531	<1	0.08	24	550	73	3.85	<2	2	116
J981072		<10	<1	0.28	10	0.83	822	<1	0.04	10	710	10	2.86	<2	2	106
J981073		<10	<1	0.33	10	0.82	882	1	0.04	10	670	7	2.13	<2	2	81
J981074		<10	<1	0.24	20	0.96	727	<1	0.04	10	680	7	2.10	<2	2	122
J981075		<10	<1	0.22	10	0.90	526	1	0.07	10	670	4	1.49	<2	3	118
J981076		<10	<1	0.02	<10	11.55	200	<1	0.03	<1	230	2	<0.01	<2	<1	60
J981077		<10	<1	0.16	10	0.95	742	2	0.05	11	740	5	1.18	<2	3	88
J981078		<10	<1	0.35	20	1.08	1270	1	0.05	10	720	6	1.58	<2	3	150
J981079		10	<1	0.13	<10	0.67	406	204	0.10	26	550	38	1.67	23	5	41
J981080		<10	<1	0.29	10	0.67	868	1	0.04	9	680	34	2.32	<2	2	70
J981081		<10	<1	0.17	10	0.76	700	2	0.06	9	710	7	1.15	<2	3	125
J981082		<10	<1	0.21	20	0.64	896	12	0.07	7	750	250	2.07	<2	2	116
J981083		10	<1	0.15	10	0.90	404	2	0.07	9	690	7	1.21	<2	4	165
J981084		<10	<1	0.33	20	0.98	893	10	0.04	10	660	13	2.36	<2	2	99
J981085		<10	<1	0.14	10	0.83	464	1	0.05	10	710	6	1.57	<2	3	182
J981086		<10	<1	0.30	10	1.01	995	27	0.04	13	610	149	2.74	<2	2	116
J981087		10	<1	0.49	20	0.82	374	157	0.07	15	720	23	1.86	8	6	73
J981088		<10	<1	0.22	10	1.43	1060	6	0.06	16	760	97	1.66	<2	5	116
J981089		<10	<1	0.16	10	0.65	491	5	0.04	9	660	46	2.92	<2	1	118
J981090		<10	<1	0.24	10	1.12	704	7	0.06	13	760	30	1.92	<2	4	119
J981091		<10	<1	0.24	10	0.83	417	25	0.08	10	670	9	2.51	<2	3	125
J981092		<10	<1	0.16	10	0.71	485	11	0.04	10	670	43	2.35	8	2	183
J981093		<10	<1	0.02	<10	11.15	184	<1	0.03	<1	210	2	<0.01	<2	<1	51
J981094		<10	<1	0.13	10	0.90	506	7	0.06	9	710	17	1.45	<2	3	98
J981095		10	<1	0.12	10	1.01	380	8	0.10	10	710	5	0.89	<2	4	127
J981096		<10	<1	0.34	10	0.43	654	3	0.04	9	670	16	0.71	12	3	275
J981097		<10	<1	0.18	10	0.59	475	14	0.07	9	590	68	1.97	2	2	214
J981098		<10	<1	0.21	10	0.81	416	3	0.08	10	640	5	1.06	<2	3	183
J981099		10	<1	0.21	10	0.95	575	2	0.06	10	690	9	1.32	<2	3	147
J981100		10	<1	0.24	20	0.99	553	3	0.06	9	710	5	1.39	<2	3	145

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Finalized Date: 29- SEP- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10131470

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.001
J981065		<20	0.14	<10	<10	125	<10	184	
J981066		<20	0.09	<10	<10	167	<10	184	
J981067		<20	<0.01	<10	<10	35	<10	76	
J981068		<20	<0.01	<10	<10	39	<10	103	
J981069		<20	0.03	<10	<10	198	<10	141	
J981070		<20	0.01	<10	<10	174	<10	259	
J981071		<20	<0.01	<10	<10	29	<10	3540	
J981072		<20	<0.01	<10	<10	33	<10	157	
J981073		<20	<0.01	<10	<10	30	<10	195	
J981074		<20	<0.01	<10	<10	32	<10	107	
J981075		<20	<0.01	<10	<10	39	<10	40	
J981076		<20	<0.01	<10	<10	1	<10	25	
J981077		<20	<0.01	<10	<10	40	<10	47	
J981078		<20	<0.01	<10	<10	35	<10	101	
J981079		<20	0.13	<10	<10	58	<10	131	1.310
J981080		<20	<0.01	<10	<10	27	<10	81	
J981081		<20	<0.01	<10	<10	41	<10	111	
J981082		<20	<0.01	<10	<10	25	<10	765	
J981083		<20	0.01	<10	<10	46	<10	30	
J981084		<20	<0.01	<10	<10	24	<10	176	
J981085		<20	<0.01	<10	<10	38	<10	33	
J981086		<20	<0.01	<10	<10	22	<10	4010	
J981087		<20	0.04	<10	<10	58	<10	129	
J981088		<20	<0.01	<10	<10	46	<10	1090	
J981089		<20	<0.01	<10	<10	22	<10	165	
J981090		<20	<0.01	<10	<10	40	<10	377	
J981091		<20	<0.01	<10	<10	30	<10	100	
J981092		<20	<0.01	<10	<10	23	<10	234	
J981093		<20	<0.01	<10	<10	1	<10	16	
J981094		<20	0.02	<10	<10	43	<10	191	
J981095		<20	0.03	<10	<10	52	<10	34	
J981096		<20	<0.01	<10	<10	16	<10	69	
J981097		<20	<0.01	<10	<10	30	<10	716	
J981098		<20	<0.01	<10	<10	42	<10	47	
J981099		<20	<0.01	<10	<10	46	<10	247	
J981100		<20	<0.01	<10	<10	49	<10	215	

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To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21- SEP- 2010
Account: F

CERTIFICATE WH10129113

Project: Nikki

P.O. No.: Batch 13

This report is for 29 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 9- SEP- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
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

ANALYTICAL PROCEDURES

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

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
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 WH10129113

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
J981036		5.02	0.008	0.2	2.68	2	<10	40	<0.5	<2	2.42	<0.5	12	8	202	3.92
J981037		4.44	0.021	0.4	2.56	<2	<10	50	<0.5	<2	2.68	<0.5	18	14	258	5.05
J981038		3.30	0.016	0.5	2.55	4	<10	40	<0.5	<2	3.03	<0.5	19	9	336	5.33
J981039		4.84	0.016	0.4	3.22	6	<10	60	<0.5	<2	3.51	<0.5	19	8	265	5.41
J981040		3.89	0.038	0.2	2.90	2	<10	70	<0.5	<2	2.25	<0.5	21	11	319	5.51
J981041		5.01	0.007	0.2	2.86	<2	<10	90	<0.5	<2	2.62	<0.5	15	9	238	4.60
J981042		5.00	<0.005	0.2	0.05	<2	<10	10	<0.5	<2	18.3	<0.5	1	1	3	0.37
J981043		6.30	0.013	0.2	2.57	3	<10	70	<0.5	<2	2.15	<0.5	16	11	267	4.91
J981044		6.18	0.014	0.3	2.15	<2	<10	50	<0.5	<2	1.89	<0.5	16	9	276	5.08
J981045		5.71	0.006	<0.2	2.40	3	<10	80	<0.5	<2	2.13	<0.5	14	9	238	4.83
J981046		5.16	<0.005	0.2	1.64	4	<10	70	<0.5	<2	3.21	<0.5	10	12	229	2.97
J981047		5.20	<0.005	<0.2	2.55	3	<10	70	<0.5	<2	2.91	<0.5	14	10	161	4.44
J981048		0.34	0.959	5.0	1.56	21	<10	90	<0.5	<2	0.77	2.0	11	40	>10000	3.64
J981049		5.51	0.010	0.2	2.70	2	<10	80	<0.5	<2	2.58	<0.5	13	11	144	4.80
J981050		5.89	0.016	<0.2	2.87	4	<10	70	<0.5	<2	2.47	<0.5	13	21	125	4.69
J981051		6.05	0.018	<0.2	2.61	4	<10	60	<0.5	<2	2.61	<0.5	14	6	193	4.99
J981052		5.74	0.008	<0.2	3.08	4	<10	70	<0.5	<2	2.93	<0.5	12	4	84	4.64
J981053		5.41	0.010	<0.2	2.51	2	<10	80	<0.5	<2	2.03	<0.5	15	6	125	5.35
J981054		6.20	0.005	<0.2	3.02	<2	<10	70	<0.5	<2	2.87	<0.5	11	4	114	3.97
J981055		3.41	<0.005	<0.2	0.10	<2	<10	10	<0.5	<2	20.0	<0.5	1	1	5	0.47
J981056		5.89	<0.005	<0.2	3.20	<2	<10	70	<0.5	<2	2.59	<0.5	15	5	54	4.90
J981057		5.91	<0.005	<0.2	2.75	5	<10	50	<0.5	<2	2.39	<0.5	17	4	130	5.55
J981058		5.74	0.008	<0.2	2.29	3	<10	50	<0.5	<2	2.54	<0.5	14	4	124	4.97
J981059		5.07	0.016	<0.2	2.91	6	10	60	<0.5	<2	3.14	<0.5	14	4	179	4.53
J981060		0.34	0.235	2.0	1.60	29	<10	150	0.5	<2	1.86	0.8	17	64	1975	4.16
J981061		5.86	0.047	<0.2	2.80	6	<10	80	<0.5	<2	2.94	<0.5	16	3	233	5.57
J981062		4.46	0.050	0.3	2.41	20	<10	50	<0.5	<2	4.38	<0.5	18	3	210	5.88
J981063		5.41	0.031	0.3	2.27	8	<10	40	<0.5	<2	4.00	<0.5	14	8	155	4.39
J981064		2.61	0.025	0.3	2.46	9	<10	40	<0.5	<2	3.98	<0.5	14	7	162	4.59

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CERTIFICATE OF ANALYSIS WH10129113

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
J981036		10	1	0.06	<10	0.90	500	2	0.31	7	780	2	1.23	<2	6	264
J981037		10	<1	0.11	<10	1.29	938	1	0.22	7	760	4	1.09	<2	6	262
J981038		10	<1	0.09	<10	1.49	1215	1	0.21	8	760	6	1.20	<2	9	246
J981039		10	<1	0.12	<10	1.45	1180	1	0.28	7	660	5	1.39	<2	9	398
J981040		10	<1	0.08	<10	1.13	763	1	0.33	8	620	4	0.76	<2	6	526
J981041		10	<1	0.12	<10	1.00	586	1	0.35	6	720	3	0.81	<2	5	642
J981042		<10	<1	0.02	<10	12.15	175	<1	<0.01	<1	320	<2	<0.01	<2	<1	53
J981043		10	<1	0.10	<10	0.90	485	1	0.33	7	1030	2	0.36	<2	4	436
J981044		10	<1	0.08	<10	0.80	405	1	0.29	7	1010	2	0.59	<2	4	246
J981045		10	<1	0.08	<10	0.98	576	<1	0.29	6	680	<2	0.58	<2	5	439
J981046		10	<1	0.21	10	0.89	1230	<1	0.09	6	550	2	0.61	<2	3	154
J981047		10	<1	0.14	10	1.12	1065	<1	0.20	6	1030	3	0.31	<2	6	207
J981048		10	<1	0.14	<10	0.69	394	193	0.09	26	540	37	1.68	22	5	41
J981049		10	1	0.08	<10	0.84	462	1	0.26	7	1100	2	0.66	<2	5	323
J981050		10	<1	0.09	<10	0.63	369	<1	0.32	9	1030	<2	0.49	<2	3	321
J981051		10	<1	0.09	<10	0.79	499	<1	0.29	8	1020	<2	0.60	<2	4	297
J981052		10	<1	0.08	<10	0.64	418	<1	0.35	6	920	<2	0.42	<2	4	299
J981053		10	<1	0.09	<10	0.74	386	<1	0.27	5	1080	<2	0.20	<2	3	403
J981054		10	<1	0.06	<10	0.56	341	<1	0.34	5	1060	<2	0.83	<2	3	266
J981055		<10	<1	0.02	<10	12.35	198	<1	0.02	<1	240	<2	<0.01	<2	<1	56
J981056		10	<1	0.08	<10	0.81	454	<1	0.31	5	1090	<2	0.16	<2	3	350
J981057		10	<1	0.08	<10	1.01	645	<1	0.26	5	1070	<2	0.21	<2	5	245
J981058		10	<1	0.10	<10	1.00	536	<1	0.26	4	1090	<2	1.07	<2	6	272
J981059		10	<1	0.08	<10	0.87	563	<1	0.26	3	1210	2	0.60	<2	6	428
J981060		10	<1	0.54	20	0.85	369	156	0.06	16	720	21	1.90	7	6	75
J981061		10	<1	0.11	<10	1.20	882	<1	0.27	3	1230	3	0.63	<2	7	453
J981062		10	<1	0.15	<10	1.42	2100	<1	0.18	4	1240	6	1.06	<2	11	294
J981063		10	<1	0.13	<10	1.78	1655	<1	0.12	4	1220	8	1.92	<2	12	171
J981064		10	<1	0.13	<10	1.85	1630	<1	0.16	5	1370	5	1.45	<2	13	202

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21- SEP- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10129113

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.001
J981036		<20	0.17	<10	<10	206	<10	25	
J981037		<20	0.13	<10	<10	257	<10	53	
J981038		<20	0.10	<10	<10	258	<10	64	
J981039		<20	0.14	<10	<10	274	<10	68	
J981040		<20	0.18	<10	<10	316	<10	40	
J981041		<20	0.17	<10	<10	257	<10	33	
J981042		<20	<0.01	<10	<10	2	<10	13	
J981043		<20	0.18	<10	<10	291	<10	31	
J981044		<20	0.19	<10	<10	293	<10	24	
J981045		<20	0.19	<10	<10	266	<10	30	
J981046		<20	0.03	<10	<10	99	<10	71	
J981047		<20	0.15	<10	<10	228	<10	60	
J981048		<20	0.13	<10	<10	57	<10	129	1.350
J981049		<20	0.20	<10	<10	216	<10	26	
J981050		<20	0.19	<10	<10	216	<10	22	
J981051		<20	0.19	<10	<10	259	<10	27	
J981052		<20	0.17	<10	<10	261	<10	22	
J981053		<20	0.19	<10	<10	298	<10	24	
J981054		<20	0.18	<10	<10	233	<10	21	
J981055		<20	0.01	<10	<10	7	<10	17	
J981056		<20	0.21	<10	<10	277	<10	27	
J981057		<20	0.20	<10	<10	306	<10	34	
J981058		<20	0.16	<10	<10	273	<10	25	
J981059		<20	0.16	<10	<10	249	<10	27	
J981060		<20	0.04	<10	<10	60	<10	66	
J981061		<20	0.17	<10	<10	275	<10	45	
J981062		<20	0.11	<10	<10	263	<10	124	
J981063		<20	0.05	<10	<10	174	<10	128	
J981064		<20	0.08	<10	<10	205	<10	104	

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1016- 510 W HASTINGS ST
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Finalized Date: 20- SEP- 2010
Account: F

CERTIFICATE WH10127647

Project: Nikki

P.O. No.: Batch 12

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8- SEP- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
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

ANALYTICAL PROCEDURES

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

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
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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1016- 510 W HASTINGS ST
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Finalized Date: 20- SEP- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10127647

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
G0559000		5.92	0.007	<0.2	1.93	2	<10	40	<0.5	<2	1.47	<0.5	14	17	172	4.55
J981000		5.69	0.075	<0.2	2.21	<2	<10	40	<0.5	<2	2.18	<0.5	15	16	204	4.45
J981001		6.10	0.017	0.3	1.92	2	<10	40	<0.5	<2	2.11	<0.5	13	17	252	4.43
J981002		5.94	0.015	0.4	2.15	<2	<10	50	<0.5	<2	2.17	<0.5	14	17	253	4.47
J981003		5.85	0.011	0.3	2.11	3	<10	60	<0.5	<2	2.14	<0.5	14	16	270	4.32
J981004		0.28	0.945	4.5	1.53	21	<10	90	<0.5	3	0.77	2.0	11	40	>10000	3.67
J981005		4.82	0.016	0.3	2.59	5	<10	60	<0.5	<2	3.51	<0.5	17	25	196	4.65
J981006		4.58	0.010	0.2	2.39	2	<10	60	<0.5	<2	2.55	<0.5	16	18	257	4.51
J981007		5.33	0.009	0.2	2.47	4	<10	50	<0.5	<2	2.76	<0.5	17	19	212	4.70
J981008		4.99	0.009	0.6	2.16	2	<10	30	<0.5	<2	2.29	<0.5	16	18	191	4.81
J981009		5.59	0.008	0.2	2.20	3	<10	40	<0.5	<2	2.70	<0.5	18	19	188	4.67
J981010		6.17	0.011	0.2	2.04	4	<10	30	<0.5	<2	2.31	<0.5	17	20	214	4.77
J981011		3.95	0.009	0.2	2.43	3	<10	70	<0.5	<2	2.52	<0.5	16	19	153	4.59
J981012		2.46	<0.005	<0.2	0.05	<2	<10	10	<0.5	<2	20.2	<0.5	1	<1	4	0.40
J981013		2.23	0.013	0.4	2.97	6	<10	110	<0.5	<2	3.85	<0.5	16	18	169	5.02
J981014		3.11	0.021	0.5	2.80	8	<10	90	<0.5	<2	4.15	<0.5	17	15	309	4.92
J981015		5.43	0.009	0.2	2.46	5	<10	60	<0.5	<2	2.55	<0.5	11	12	160	4.10
J981016		6.06	0.012	<0.2	2.13	3	<10	60	<0.5	<2	2.25	<0.5	13	12	217	4.26
J981017		5.85	0.009	0.2	2.26	<2	<10	40	<0.5	<2	2.83	<0.5	13	2	274	5.21
J981018		3.89	0.012	0.3	2.30	2	<10	40	<0.5	<2	2.43	<0.5	18	7	352	5.38
J981019		0.30	0.195	1.9	1.47	28	<10	90	<0.5	<2	1.78	0.9	16	61	1920	3.95
J981020		5.70	0.013	0.2	2.06	2	<10	40	<0.5	<2	2.14	<0.5	12	19	273	4.60
J981021		4.95	<0.005	<0.2	1.94	2	<10	140	<0.5	<2	3.15	<0.5	11	6	93	3.82
J981022		5.57	0.006	0.2	2.35	2	<10	120	<0.5	<2	2.46	<0.5	13	12	129	4.04
J981023		4.93	0.007	<0.2	2.63	3	<10	60	<0.5	<2	2.31	<0.5	14	12	156	4.08
J981024		2.73	<0.005	<0.2	0.04	<2	<10	10	<0.5	<2	19.2	<0.5	<1	1	8	0.40
J981025		3.22	0.010	0.2	2.07	<2	<10	70	<0.5	4	1.69	<0.5	15	16	218	4.27
J981026		4.67	0.007	0.2	2.75	<2	<10	70	<0.5	4	2.06	<0.5	14	15	184	4.28
J981027		5.16	0.013	<0.2	2.77	<2	<10	50	<0.5	4	2.98	<0.5	15	12	197	4.67
J981028		4.75	0.012	<0.2	3.38	<2	<10	40	<0.5	3	3.21	<0.5	13	9	199	4.95
J981029		5.15	0.007	<0.2	2.81	2	<10	60	<0.5	5	2.82	<0.5	15	8	176	5.10
J981030		5.92	0.005	<0.2	3.05	<2	<10	70	<0.5	4	2.63	<0.5	16	8	192	5.35
J981031		5.08	0.009	<0.2	2.38	<2	<10	50	<0.5	3	2.15	<0.5	14	9	198	4.71
J981032		2.52	0.018	<0.2	2.90	2	<10	80	<0.5	3	2.05	<0.5	17	10	269	5.23
J981033		1.34	0.015	0.5	2.76	3	<10	90	<0.5	3	1.90	<0.5	17	10	276	5.18
J981034		5.06	0.010	<0.2	2.89	7	<10	320	<0.5	4	2.99	<0.5	15	9	218	4.40
J981035		4.35	0.005	0.2	2.88	8	<10	80	<0.5	3	2.99	<0.5	15	9	216	4.35

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VANCOUVER BC V6B 1L8

Finalized Date: 20- SEP- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10127647

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G0559000		10	<1	0.08	10	0.88	451	<1	0.23	8	1190	3	0.14	<2	3	124
J981000		10	<1	0.10	10	0.84	443	<1	0.26	9	1310	3	0.39	<2	4	136
J981001		10	<1	0.08	10	0.86	540	<1	0.18	9	1280	5	0.48	<2	4	150
J981002		10	<1	0.10	10	0.89	498	<1	0.24	8	1290	9	0.52	<2	4	198
J981003		10	<1	0.07	10	0.94	547	<1	0.20	8	1310	4	0.46	<2	5	410
J981004		10	<1	0.14	<10	0.69	391	189	0.09	27	540	37	1.68	23	5	40
J981005		10	<1	0.12	10	1.32	1175	<1	0.19	13	1150	6	1.18	<2	10	234
J981006		10	<1	0.07	<10	1.26	723	<1	0.18	10	1150	4	1.19	<2	7	203
J981007		10	<1	0.09	10	1.22	877	<1	0.24	10	1170	4	0.63	<2	8	257
J981008		10	<1	0.08	10	1.07	741	<1	0.20	10	1210	5	0.49	<2	6	136
J981009		10	<1	0.11	10	1.03	765	<1	0.26	9	1200	3	0.48	<2	8	194
J981010		10	<1	0.08	10	1.04	746	<1	0.20	10	1150	4	0.73	<2	6	146
J981011		10	<1	0.09	10	1.05	843	<1	0.29	10	1080	5	0.48	<2	7	430
J981012		<10	<1	0.02	<10	12.25	185	<1	0.01	<1	220	5	<0.01	<2	<1	50
J981013		10	<1	0.11	10	1.38	1200	<1	0.25	11	1240	8	0.71	<2	12	380
J981014		10	<1	0.14	10	1.56	1250	1	0.15	12	1150	84	2.37	<2	10	245
J981015		10	<1	0.08	10	0.87	534	1	0.21	7	1320	2	0.31	<2	5	196
J981016		10	<1	0.07	<10	0.85	484	<1	0.16	7	1520	3	0.69	<2	4	220
J981017		10	<1	0.10	10	1.15	835	<1	0.15	1	2380	2	0.84	<2	8	138
J981018		10	<1	0.10	<10	1.71	815	1	0.14	4	1680	2	1.72	<2	9	148
J981019		10	<1	0.50	20	0.81	349	144	0.06	16	690	20	1.82	5	6	69
J981020		10	<1	0.08	<10	1.11	659	1	0.20	8	1210	3	0.72	<2	6	121
J981021		10	<1	0.20	10	0.98	1525	2	0.08	3	1210	5	0.57	<2	5	88
J981022		10	<1	0.19	10	0.97	915	<1	0.22	7	990	7	0.49	<2	5	310
J981023		10	<1	0.08	10	0.76	405	<1	0.25	8	1210	3	0.40	<2	4	330
J981024		<10	<1	0.02	<10	12.25	190	<1	0.01	7	220	9	<0.01	<2	<1	54
J981025		10	<1	0.08	10	0.87	350	1	0.24	10	1110	7	0.51	<2	4	516
J981026		10	<1	0.09	10	0.83	447	<1	0.34	9	1030	7	0.32	<2	4	479
J981027		10	<1	0.07	10	0.98	797	1	0.24	8	1210	5	0.17	<2	9	295
J981028		10	<1	0.07	<10	0.94	630	<1	0.31	9	1250	4	0.46	<2	7	244
J981029		10	<1	0.07	<10	0.86	645	<1	0.28	9	1040	4	0.44	<2	7	286
J981030		10	<1	0.09	<10	1.02	681	1	0.33	9	1220	4	0.43	<2	7	355
J981031		10	<1	0.07	<10	0.94	598	<1	0.28	8	780	15	0.29	<2	6	285
J981032		10	<1	0.09	<10	0.81	543	<1	0.40	9	690	5	0.17	<2	5	402
J981033		10	<1	0.08	<10	0.83	515	<1	0.34	9	640	9	0.13	<2	5	402
J981034		10	<1	0.06	<10	0.93	647	<1	0.34	8	680	7	0.40	<2	8	363
J981035		10	<1	0.07	<10	0.81	672	<1	0.26	8	720	5	0.52	<2	6	266

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Finalized Date: 20- SEP- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10127647

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Cu- OG46 Cu % 0.001
G0559000		<20	0.16	<10	<10	186	<10	40	
J981000		<20	0.17	<10	<10	189	<10	36	
J981001		<20	0.16	<10	<10	190	<10	33	
J981002		<20	0.17	<10	<10	189	<10	34	
J981003		<20	0.15	<10	<10	193	<10	33	
J981004		<20	0.13	<10	<10	56	<10	134	1.285
J981005		<20	0.10	<10	<10	171	<10	56	
J981006		<20	0.12	<10	<10	180	<10	39	
J981007		<20	0.13	<10	<10	194	<10	44	
J981008		<20	0.15	<10	<10	203	<10	37	
J981009		<20	0.14	<10	<10	194	<10	39	
J981010		<20	0.11	<10	<10	189	<10	45	
J981011		<20	0.13	<10	<10	188	<10	45	
J981012		<20	<0.01	<10	<10	2	<10	14	
J981013		<20	0.12	<10	<10	190	<10	51	
J981014		<20	0.05	<10	<10	142	<10	81	
J981015		<20	0.14	<10	<10	165	<10	28	
J981016		<20	0.14	<10	<10	166	<10	24	
J981017		<20	0.12	<10	<10	179	<10	35	
J981018		<20	0.08	<10	<10	178	<10	41	
J981019		<20	0.04	<10	<10	56	<10	63	
J981020		<20	0.15	<10	<10	213	<10	26	
J981021		<20	0.05	<10	<10	96	<10	111	
J981022		<20	0.11	<10	<10	171	<10	78	
J981023		<20	0.16	<10	<10	212	<10	23	
J981024		<20	<0.01	<10	<10	2	<10	19	
J981025		<20	0.15	<10	<10	240	<10	28	
J981026		<20	0.16	<10	<10	237	<10	29	
J981027		<20	0.14	<10	<10	241	<10	35	
J981028		<20	0.19	<10	<10	270	<10	28	
J981029		<20	0.16	<10	<10	293	<10	29	
J981030		<20	0.19	<10	<10	292	<10	34	
J981031		<20	0.17	<10	<10	283	<10	41	
J981032		<20	0.20	<10	<10	323	<10	31	
J981033		<20	0.19	<10	<10	324	<10	34	
J981034		<20	0.15	<10	<10	272	<10	35	
J981035		<20	0.15	<10	<10	255	<10	29	

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2010
Account: F

CERTIFICATE WH10125501

Project: Nikki

P.O. No.: Batch 11

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- SEP- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
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

ANALYTICAL PROCEDURES

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

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
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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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10125501

Sample Description	Method	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
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
G0558964		5.87	0.005	0.3	1.93	7	<10	30	<0.5	<2	4.93	2.5	10	8	58	2.97
G0558965		5.77	0.008	<0.2	2.41	2	<10	30	<0.5	<2	4.19	<0.5	19	10	167	4.64
G0558966		5.78	0.020	<0.2	2.06	3	<10	20	<0.5	<2	4.13	<0.5	17	8	224	4.93
G0558967		5.52	0.027	0.3	2.20	8	<10	30	<0.5	<2	3.92	0.6	21	17	219	6.00
G0558968		5.23	0.017	0.3	1.96	4	<10	30	<0.5	<2	3.95	<0.5	18	8	216	5.15
G0558969		6.56	0.018	<0.2	1.97	3	<10	30	<0.5	<2	3.08	<0.5	14	18	301	5.02
G0558970		4.88	0.029	<0.2	1.67	3	<10	30	<0.5	<2	1.67	<0.5	15	21	363	5.08
G0558971		5.06	0.009	<0.2	2.44	4	<10	40	<0.5	<2	2.35	<0.5	18	16	281	5.02
G0558972		3.73	<0.005	<0.2	0.04	6	<10	10	<0.5	<2	18.8	<0.5	2	<1	4	0.41
G0558973		5.18	<0.005	<0.2	2.83	2	<10	30	<0.5	<2	2.11	<0.5	18	14	51	3.86
G0558974		5.08	0.036	0.2	2.86	9	<10	60	<0.5	<2	2.82	1.0	20	26	216	5.05
G0558975		0.29	0.942	4.9	1.48	24	<10	90	<0.5	<2	0.75	2.1	12	56	>10000	3.70
G0558976		5.05	0.005	<0.2	3.13	3	<10	80	<0.5	<2	2.84	<0.5	19	47	217	4.42
G0558977		4.70	0.011	<0.2	3.44	2	<10	80	<0.5	<2	5.29	<0.5	20	17	143	5.35
G0558978		4.13	0.035	0.5	2.72	6	<10	110	<0.5	<2	4.13	<0.5	17	50	449	4.38
G0558979		4.34	0.022	0.6	3.39	16	<10	80	<0.5	<2	5.07	10.5	18	166	265	5.51
G0558980		3.77	0.017	<0.2	1.96	<2	<10	50	<0.5	<2	2.62	<0.5	18	19	258	4.73
G0558981		4.68	0.016	<0.2	1.70	4	<10	40	<0.5	<2	1.85	<0.5	17	40	254	4.69
G0558982		5.80	0.021	<0.2	2.14	4	<10	40	<0.5	<2	2.90	<0.5	32	22	270	5.10
G0558983		5.57	0.025	<0.2	1.96	2	<10	40	<0.5	<2	2.38	<0.5	18	30	261	4.74
G0558984		4.30	0.022	<0.2	2.23	6	<10	50	<0.5	<2	2.82	<0.5	17	21	247	5.34
G0558985		2.19	0.021	<0.2	1.93	2	<10	30	<0.5	<2	2.48	<0.5	15	21	206	5.20
G0558986		5.48	0.016	<0.2	2.62	<2	<10	40	<0.5	<2	3.51	<0.5	19	59	269	5.29
G0558987		5.99	0.014	<0.2	2.68	3	<10	40	<0.5	<2	3.43	<0.5	17	24	223	5.11
G0558988		5.54	0.017	<0.2	2.64	<2	<10	50	<0.5	<2	3.27	<0.5	17	22	215	4.98
G0558989		0.30	0.227	2.0	1.60	27	<10	100	0.5	<2	1.85	0.8	16	65	1890	4.21
G0558990		6.10	0.016	<0.2	2.46	3	<10	40	<0.5	<2	2.84	<0.5	20	19	256	4.81
G0558991		6.36	0.013	<0.2	2.19	3	<10	60	<0.5	<2	2.60	<0.5	14	48	208	4.65
G0558992		5.78	0.014	<0.2	2.04	<2	<10	40	<0.5	<2	2.33	<0.5	15	16	237	4.85
G0558993		6.07	0.014	<0.2	2.73	7	<10	50	<0.5	<2	3.32	<0.5	18	84	246	5.13
G0558994		3.88	<0.005	<0.2	0.04	4	<10	10	<0.5	<2	19.1	<0.5	2	1	2	0.39
G0558995		5.22	0.012	<0.2	2.97	2	<10	60	<0.5	<2	2.71	<0.5	21	174	244	4.70
G0558996		6.16	0.021	0.2	2.32	<2	<10	50	<0.5	<2	2.93	<0.5	15	18	315	4.57
G0558997		6.14	0.018	<0.2	2.24	2	<10	60	<0.5	<2	2.19	<0.5	16	19	366	4.93
G0558998		5.86	0.020	<0.2	2.07	2	<10	40	<0.5	<2	2.44	<0.5	16	18	321	4.87
G0558999		4.79	0.041	0.3	2.22	24	<10	50	<0.5	<2	2.89	<0.5	17	17	299	5.66

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To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10125501

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G0558964		<10	<1	0.13	10	1.73	228	1	0.07	8	1610	329	6.5	<2	6	324
G0558965		10	<1	0.16	<10	1.89	247	<1	0.12	9	1440	4	7.6	<2	7	226
G0558966		10	<1	0.12	<10	1.79	528	<1	0.08	8	1450	21	6.5	<2	7	358
G0558967		10	<1	0.17	<10	1.83	514	2	0.09	10	1250	27	8.1	<2	7	205
G0558968		10	<1	0.16	10	1.63	464	2	0.08	9	1300	25	7.3	<2	7	210
G0558969		10	<1	0.12	10	1.55	566	3	0.13	9	1340	6	3.60	<2	8	153
G0558970		10	<1	0.05	10	1.12	558	5	0.14	9	1240	4	0.64	<2	5	122
G0558971		10	<1	0.11	10	1.85	1225	1	0.10	11	980	28	0.98	<2	8	94
G0558972		<10	<1	0.01	<10	12.00	185	<1	<0.01	<1	280	2	<0.01	<2	<1	51
G0558973		10	<1	0.03	10	2.29	907	1	0.05	11	820	2	0.04	<2	7	122
G0558974		10	<1	0.06	10	2.31	1860	1	0.06	19	940	29	0.81	<2	9	106
G0558975		<10	<1	0.12	<10	0.70	386	186	0.08	30	530	37	1.66	24	5	38
G0558976		10	<1	0.04	10	2.58	1070	<1	0.11	28	740	3	0.04	<2	11	182
G0558977		10	1	0.19	10	2.12	1840	1	0.10	10	1050	9	0.10	<2	16	192
G0558978		10	1	0.16	10	1.96	1220	2	0.06	26	990	7	1.15	<2	11	98
G0558979		10	<1	0.11	10	3.17	2020	7	0.06	88	1290	151	1.97	<2	10	167
G0558980		10	<1	0.07	10	1.31	645	1	0.18	10	1130	3	1.50	<2	7	144
G0558981		10	<1	0.05	10	1.13	493	4	0.14	18	1180	5	0.86	<2	5	176
G0558982		10	<1	0.08	10	1.44	640	1	0.20	28	1140	5	1.22	<2	8	178
G0558983		10	<1	0.07	10	1.51	597	1	0.17	22	1160	5	0.60	<2	8	146
G0558984		10	<1	0.11	10	1.60	723	1	0.21	11	1160	3	0.92	<2	11	156
G0558985		10	<1	0.08	10	1.50	706	1	0.15	11	1230	2	0.59	<2	10	134
G0558986		10	<1	0.14	10	1.71	793	1	0.17	20	1090	3	1.08	<2	12	148
G0558987		10	<1	0.07	10	1.43	795	1	0.15	12	1220	3	0.55	<2	11	173
G0558988		10	<1	0.11	10	1.30	722	1	0.23	18	1210	3	0.62	<2	8	210
G0558989		<10	<1	0.52	20	0.85	361	152	0.05	16	700	24	1.88	6	6	71
G0558990		10	<1	0.06	10	1.83	702	2	0.18	22	1140	3	1.03	<2	8	159
G0558991		10	<1	0.10	10	1.11	635	1	0.22	16	1040	3	0.82	<2	7	206
G0558992		10	<1	0.06	10	0.98	641	1	0.15	9	1220	3	0.53	<2	5	124
G0558993		10	1	0.13	10	1.80	1330	1	0.19	36	1140	5	1.02	<2	9	209
G0558994		<10	<1	0.01	<10	12.25	184	<1	0.01	<1	260	2	<0.01	<2	<1	52
G0558995		10	<1	0.09	10	2.01	927	1	0.23	71	1000	4	0.86	<2	6	247
G0558996		10	<1	0.05	10	1.06	476	2	0.16	10	1160	4	1.17	<2	5	314
G0558997		10	<1	0.10	10	1.04	557	1	0.26	10	1290	6	0.72	<2	5	253
G0558998		10	<1	0.09	10	1.07	806	1	0.19	9	1230	3	0.41	<2	7	151
G0558999		10	<1	0.12	10	1.19	1150	1	0.22	10	1100	20	1.40	<2	8	176

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To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- SEP- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10125501

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.001
G0558964		<20	<0.01	<10	<10	122	<10	622	
G0558965		<20	<0.01	<10	<10	139	<10	19	
G0558966		<20	0.01	<10	<10	134	<10	96	
G0558967		<20	<0.01	<10	<10	162	<10	153	
G0558968		<20	0.01	<10	<10	129	<10	50	
G0558969		<20	0.06	<10	<10	165	<10	32	
G0558970		<20	0.14	<10	<10	205	<10	31	
G0558971		<20	0.23	<10	<10	174	<10	101	
G0558972		<20	<0.01	<10	10	3	<10	13	
G0558973		<20	0.33	<10	<10	115	<10	77	
G0558974		<20	0.26	<10	<10	161	<10	221	
G0558975		<20	0.12	<10	<10	57	10	133	1.305
G0558976		<20	0.26	<10	<10	148	<10	72	
G0558977		<20	0.02	<10	<10	159	<10	131	
G0558978		<20	0.03	<10	<10	141	<10	93	
G0558979		<20	0.03	<10	<10	110	<10	796	
G0558980		<20	0.11	<10	<10	178	<10	40	
G0558981		<20	0.12	<10	<10	176	<10	37	
G0558982		<20	0.12	<10	<10	175	<10	39	
G0558983		<20	0.15	<10	<10	189	<10	39	
G0558984		<20	0.19	<10	<10	184	<10	39	
G0558985		<20	0.18	<10	<10	185	<10	37	
G0558986		<20	0.20	<10	<10	178	<10	43	
G0558987		<20	0.19	<10	<10	202	<10	43	
G0558988		<20	0.13	<10	<10	225	<10	37	
G0558989		<20	0.04	<10	<10	59	<10	65	
G0558990		<20	0.12	<10	<10	208	<10	37	
G0558991		<20	0.14	<10	<10	182	<10	33	
G0558992		<20	0.15	<10	<10	200	<10	41	
G0558993		<20	0.12	<10	<10	191	<10	89	
G0558994		<20	<0.01	<10	10	3	<10	14	
G0558995		<20	0.14	<10	<10	172	<10	61	
G0558996		<20	0.16	<10	<10	207	<10	35	
G0558997		<20	0.17	<10	<10	219	<10	37	
G0558998		<20	0.13	<10	<10	199	<10	43	
G0558999		<20	0.12	<10	<10	188	<10	137	

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To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21- SEP- 2010
Account: F

CERTIFICATE WH10122589

Project: Nikki

P.O. No.: Batch 10

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
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

ANALYTICAL PROCEDURES

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

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
ATTN: JOAN MARIACHER
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

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

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21- SEP- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10122589

Sample Description	Method	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
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
G0558928		3.93	0.024	<0.2	2.90	3	<10	70	<0.5	<2	3.92	<0.5	17	32	393	4.44
G0558929		8.07	0.021	<0.2	2.06	<2	<10	50	<0.5	<2	2.33	<0.5	15	29	404	3.58
G0558930		9.28	0.028	<0.2	1.63	<2	<10	90	<0.5	<2	1.82	<0.5	16	24	570	3.85
G0558931		9.34	0.007	<0.2	1.21	<2	<10	80	<0.5	<2	2.16	<0.5	11	12	275	2.99
G0558932		10.47	0.021	0.4	1.24	2	<10	130	<0.5	<2	2.22	<0.5	9	14	620	2.05
G0558933		0.26	0.935	4.7	1.45	22	<10	90	<0.5	9	0.74	2.0	10	39	>10000	3.62
G0558934		9.55	0.031	0.5	1.39	<2	<10	100	<0.5	<2	3.05	<0.5	9	18	470	2.28
G0558935		9.95	0.031	0.4	3.31	7	<10	160	<0.5	<2	4.43	0.7	18	57	294	5.01
G0558936		10.81	0.029	0.3	1.92	<2	<10	80	<0.5	3	2.28	<0.5	13	77	236	4.02
G0558937		10.89	0.041	0.2	2.10	<2	<10	40	<0.5	2	2.69	<0.5	13	65	361	4.25
G0558938		3.52	<0.005	<0.2	0.05	2	<10	10	<0.5	2	18.7	<0.5	<1	1	1	0.37
G0558939		10.75	0.047	0.3	2.38	<2	<10	40	<0.5	<2	2.86	<0.5	18	60	532	4.64
G0558940		10.28	0.030	0.3	2.13	<2	<10	30	<0.5	2	2.59	<0.5	17	51	397	4.75
G0558941		11.06	0.018	0.3	2.15	<2	<10	30	<0.5	2	2.26	<0.5	17	56	237	4.46
G0558942		11.13	0.026	0.3	2.33	3	<10	30	<0.5	<2	2.41	<0.5	18	56	344	4.77
G0558943		11.35	0.045	0.2	2.32	<2	<10	40	<0.5	<2	2.69	<0.5	17	42	474	4.48
G0558944		5.98	0.027	0.2	2.62	<2	<10	30	<0.5	2	2.61	<0.5	16	31	289	4.64
G0558945		0.30	0.222	2.0	1.50	27	<10	130	<0.5	3	1.81	0.9	16	63	1895	4.05
G0558946		5.31	0.023	<0.2	2.44	<2	<10	40	<0.5	<2	2.21	<0.5	17	28	261	4.59
G0558947		4.35	0.017	<0.2	2.70	4	<10	40	<0.5	<2	2.76	<0.5	17	29	303	4.65
G0558948		5.81	0.036	<0.2	2.36	6	<10	40	<0.5	<2	4.28	<0.5	20	29	400	4.91
G0558949		4.67	0.011	<0.2	2.39	<2	<10	40	<0.5	<2	3.50	<0.5	17	14	270	4.73
G0558950		6.08	0.006	<0.2	2.68	2	<10	30	<0.5	<2	4.40	<0.5	16	5	256	4.42
G0558951		5.62	<0.005	<0.2	0.05	<2	<10	10	<0.5	<2	18.20	<0.5	1	<1	1	0.37
G0558952		5.66	0.007	<0.2	2.30	<2	<10	40	<0.5	<2	3.95	<0.5	13	6	157	4.61
G0558953		6.05	<0.005	<0.2	1.12	<2	<10	30	<0.5	<2	2.14	<0.5	7	14	89	2.11
G0558954		5.66	0.005	<0.2	1.91	2	<10	40	<0.5	<2	3.89	<0.5	11	7	249	3.48
G0558955		5.62	<0.005	<0.2	1.58	<2	<10	30	<0.5	<2	5.09	<0.5	10	3	32	2.74
G0558956		6.74	0.012	<0.2	2.49	2	<10	50	<0.5	<2	4.66	<0.5	14	6	158	4.03
G0558957		5.59	0.008	<0.2	1.67	2	<10	30	<0.5	<2	3.61	<0.5	10	9	117	2.85
G0558958		5.61	<0.005	<0.2	1.79	2	<10	30	<0.5	<2	4.44	<0.5	16	47	89	3.29
G0558959		2.57	<0.005	<0.2	1.84	<2	<10	30	<0.5	<2	4.00	<0.5	12	20	164	2.78
G0558960		5.89	0.013	<0.2	2.81	5	<10	30	<0.5	<2	7.7	1.1	22	72	85	3.63
G0558961		6.02	<0.005	<0.2	1.99	<2	<10	30	<0.5	<2	6.67	<0.5	10	7	135	3.27
G0558962		5.93	<0.005	<0.2	1.73	4	<10	30	<0.5	<2	5.81	<0.5	9	9	38	3.34
G0558963		5.43	<0.005	<0.2	1.91	4	<10	30	<0.5	<2	5.13	<0.5	8	3	2	2.04

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To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21- SEP- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10122589

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
G0558928		10	<1	0.59	10	2.55	211	1	0.13	19	1260	<2	4.48	<2	20	248
G0558929		10	<1	0.26	10	1.64	161	3	0.11	12	1020	<2	2.48	<2	12	167
G0558930		<10	<1	0.21	10	1.20	198	1	0.10	14	910	<2	2.54	<2	6	166
G0558931		<10	<1	0.23	10	0.84	212	2	0.06	11	640	<2	3.26	<2	2	208
G0558932		<10	<1	0.17	10	0.83	227	2	0.07	15	570	8	2.11	<2	2	218
G0558933		<10	<1	0.13	<10	0.67	386	180	0.08	26	530	38	1.63	19	4	35
G0558934		<10	1	0.19	10	0.91	568	1	0.06	13	620	9	2.38	<2	3	222
G0558935		10	<1	0.21	10	2.42	2230	<1	0.10	29	1160	10	1.38	<2	12	224
G0558936		10	1	0.10	<10	1.24	370	<1	0.18	25	800	5	1.17	<2	5	153
G0558937		10	1	0.09	<10	1.38	309	<1	0.18	22	850	3	1.90	<2	6	170
G0558938		<10	1	0.02	<10	11.80	178	<1	0.02	2	280	3	<0.01	<2	<1	48
G0558939		10	<1	0.10	<10	1.66	352	<1	0.20	25	900	7	2.29	<2	8	156
G0558940		10	1	0.10	<10	1.30	348	<1	0.21	22	1030	4	1.57	<2	6	152
G0558941		10	1	0.11	<10	1.28	453	<1	0.23	20	880	5	0.97	<2	6	155
G0558942		10	<1	0.11	<10	1.38	316	<1	0.25	23	970	3	2.32	<2	6	152
G0558943		10	<1	0.12	<10	1.30	277	<1	0.24	22	970	3	1.99	<2	7	220
G0558944		10	1	0.12	<10	1.27	303	<1	0.28	21	860	4	1.88	<2	6	150
G0558945		<10	<1	0.49	20	0.83	364	153	0.06	16	720	21	1.86	5	6	69
G0558946		10	1	0.10	<10	1.23	302	1	0.29	26	850	2	1.68	<2	5	243
G0558947		10	<1	0.12	10	1.59	643	1	0.27	22	960	2	1.34	<2	9	293
G0558948		10	<1	0.15	10	1.77	643	4	0.17	22	950	7	4.93	<2	10	290
G0558949		10	<1	0.17	10	1.95	321	1	0.10	14	1300	3	7.4	<2	5	306
G0558950		10	1	0.15	10	2.45	213	1	0.09	12	1670	<2	9.1	<2	6	451
G0558951		<10	<1	0.02	10	11.50	174	<1	0.01	4	240	<2	<0.50	<2	<1	50
G0558952		10	<1	0.17	10	2.09	249	<1	0.06	13	1220	4	8.40	<2	6	263
G0558953		<10	<1	0.09	10	0.74	131	<1	0.07	10	530	<2	3.51	<2	1	147
G0558954		10	1	0.12	10	1.40	168	1	0.14	9	1210	<2	6.7	<2	6	212
G0558955		<10	<1	0.14	10	1.17	135	2	0.10	7	1270	<2	7.5	<2	3	369
G0558956		10	1	0.12	10	1.66	229	1	0.19	12	1290	13	7.1	<2	8	304
G0558957		<10	1	0.11	10	1.35	190	2	0.12	8	1160	<2	5.34	<2	5	183
G0558958		<10	<1	0.15	10	1.63	259	1	0.08	22	1190	3	6.8	2	5	288
G0558959		<10	1	0.16	10	1.69	258	1	0.08	13	1220	<2	5.8	<2	6	214
G0558960		10	1	0.16	10	2.23	1900	1	0.08	91	1110	52	4.12	4	13	249
G0558961		10	1	0.18	10	1.76	279	1	0.09	14	1530	3	9.7	<2	4	979
G0558962		<10	1	0.16	10	1.52	234	3	0.09	9	1600	<2	8.6	2	5	342
G0558963		10	<1	0.19	10	1.53	295	5	0.10	8	2150	3	6.1	<2	4	339

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21- SEP- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10122589

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.001
G0558928		<20	0.22	<10	<10	211	<10	30	
G0558929		<20	0.14	<10	<10	159	<10	19	
G0558930		<20	0.02	<10	<10	86	<10	22	
G0558931		<20	<0.01	<10	<10	31	<10	20	
G0558932		<20	<0.01	<10	<10	30	<10	24	
G0558933		<20	0.12	<10	<10	54	<10	129	1.285
G0558934		<20	<0.01	<10	<10	36	<10	54	
G0558935		<20	0.03	10	<10	143	<10	314	
G0558936		<20	0.17	<10	<10	165	<10	24	
G0558937		<20	0.16	<10	<10	157	<10	23	
G0558938		<20	<0.01	<10	10	2	<10	13	
G0558939		<20	0.17	<10	<10	177	<10	30	
G0558940		<20	0.19	<10	<10	205	<10	24	
G0558941		<20	0.18	<10	<10	185	<10	29	
G0558942		<20	0.16	<10	<10	152	<10	24	
G0558943		<20	0.19	<10	<10	164	<10	22	
G0558944		<20	0.20	<10	<10	225	<10	26	
G0558945		<20	0.04	<10	<10	57	<10	64	
G0558946		<20	0.18	<10	<10	257	<10	27	
G0558947		<20	0.18	<10	<10	218	<10	50	
G0558948		<20	0.04	<10	<10	156	<10	58	
G0558949		<20	<0.01	<10	<10	68	<10	34	
G0558950		<20	<0.01	<10	<10	124	<10	12	
G0558951		<20	<0.01	<10	<10	3	<10	15	
G0558952		<20	<0.01	<10	<10	78	<10	29	
G0558953		<20	<0.01	<10	<10	17	<10	21	
G0558954		<20	0.01	<10	<10	77	<10	13	
G0558955		<20	<0.01	<10	<10	44	<10	9	
G0558956		<20	0.02	<10	<10	128	<10	58	
G0558957		<20	<0.01	<10	<10	82	<10	13	
G0558958		<20	0.01	<10	<10	84	<10	19	
G0558959		<20	<0.01	<10	<10	91	<10	18	
G0558960		<20	<0.01	<10	<10	96	<10	335	
G0558961		<20	<0.01	<10	<10	81	<10	21	
G0558962		<20	<0.01	<10	<10	84	<10	18	
G0558963		<20	<0.01	<10	<10	59	<10	24	

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To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 26- AUG- 2010
Account: F

CERTIFICATE WH10113243

Project: Nikki

P.O. No.: Batch 9

This report is for 10 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
ATTN: JOAN MARIACHER
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 26- AUG- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10113243

Sample Description	Method	WEI- 21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
G0558918		3.89	0.4	0.46	6	<10	50	<0.5	<2	1.99	<0.5	9	6	855	2.83	<10
G0558919		3.41	0.4	0.50	3	<10	70	<0.5	<2	2.04	<0.5	7	15	1015	2.21	<10
G0558920		2.96	0.4	0.54	3	<10	100	<0.5	<2	2.23	<0.5	8	5	701	2.36	<10
G0558921		2.16	0.5	0.58	11	<10	60	<0.5	2	2.43	0.5	11	4	1115	3.15	<10
G0558922		4.78	0.4	0.53	3	<10	50	<0.5	<2	2.05	<0.5	11	22	505	4.80	<10
G0558923		5.59	0.3	1.33	4	<10	80	<0.5	<2	3.94	<0.5	14	8	411	4.14	10
G0558924		4.90	0.2	3.74	<2	<10	120	<0.5	<2	4.70	<0.5	22	21	123	6.11	10
G0558925		1.83	0.2	0.90	4	<10	50	<0.5	<2	1.60	<0.5	11	9	833	3.56	<10
G0558926		3.80	<0.2	0.05	<2	<10	10	<0.5	<2	20.6	<0.5	<1	1	8	0.41	<10
G0558927		5.20	<0.2	0.50	3	<10	60	<0.5	<2	1.84	<0.5	12	20	454	3.63	<10

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Finalized Date: 26- AUG- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10113243

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
G0558918		1	0.16	10	0.58	167	1	0.08	8	420	6	3.31	<2	1	361	<20
G0558919		<1	0.15	10	0.60	160	3	0.09	8	450	4	2.71	<2	1	308	<20
G0558920		<1	0.16	10	0.53	212	<1	0.08	8	470	6	2.69	<2	1	211	<20
G0558921		<1	0.19	10	0.71	221	2	0.09	10	450	9	3.83	<2	1	290	<20
G0558922		1	0.18	<10	0.30	166	4	0.05	9	310	17	6.6	<2	1	268	<20
G0558923		<1	0.17	10	0.74	519	13	0.11	10	600	9	4.12	<2	4	305	<20
G0558924		1	0.10	10	2.30	1250	<1	0.29	17	1400	3	0.67	<2	15	218	<20
G0558925		<1	0.15	10	0.83	226	16	0.08	10	450	6	3.75	<2	2	117	<20
G0558926		<1	0.02	<10	12.95	193	<1	0.01	<1	300	<2	<0.01	<2	<1	53	<20
G0558927		1	0.18	10	0.54	110	16	0.06	9	470	4	4.62	<2	1	182	<20

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Finalized Date: 26- AUG- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10113243

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Au- AA24
	Analyte	Ti	Tl	U	V	W	Zn	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2	0.005
G0558918		<0.01	<10	<10	11	<10	50	0.010
G0558919		<0.01	<10	<10	9	<10	71	0.008
G0558920		<0.01	<10	<10	12	<10	39	0.008
G0558921		<0.01	<10	<10	10	<10	71	0.011
G0558922		<0.01	<10	<10	8	<10	66	0.013
G0558923		0.01	<10	<10	54	<10	55	0.011
G0558924		0.08	<10	<10	197	<10	115	<0.005
G0558925		0.01	<10	<10	34	<10	47	0.010
G0558926		<0.01	<10	<10	<1	<10	14	<0.005
G0558927		<0.01	<10	<10	10	<10	74	0.005

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VANCOUVER BC V6B 1L8

Finalized Date: 27- AUG- 2010
Account: F

CERTIFICATE WH10112858

Project: Nikki

P.O. No.: Batch 8

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

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
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

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: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
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1016- 510 W HASTINGS ST
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- AUG- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10112858

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01	ME- ICP41 Ga ppm 10
G0558882		0.74	0.3	1.35	3	<10	150	<0.5	<2	1.54	<0.5	5	19	1040	2.17	10
G0558883		4.23	1.1	1.31	4	<10	220	<0.5	<2	1.57	<0.5	4	24	1740	2.01	10
G0558884		2.01	0.9	1.44	3	<10	220	<0.5	<2	1.98	<0.5	5	26	2360	2.09	10
G0558885		0.99	0.4	2.87	3	<10	110	<0.5	<2	3.86	<0.5	18	85	866	3.38	10
G0558886		2.70	0.4	1.42	2	<10	270	<0.5	<2	2.08	<0.5	6	24	1070	2.28	10
G0558887		3.13	1.1	1.33	6	<10	110	<0.5	<2	2.78	<0.5	6	17	1320	2.94	<10
G0558888		3.47	0.8	1.36	4	<10	120	<0.5	<2	2.00	<0.5	7	17	1445	3.02	10
G0558889		0.27	1.0	1.25	<2	<10	120	<0.5	<2	1.78	<0.5	5	16	1980	3.02	<10
G0558890		2.86	0.9	1.23	<2	<10	100	<0.5	<2	1.74	<0.5	5	16	1925	2.94	<10
G0558891		4.44	0.8	1.31	4	<10	110	<0.5	<2	2.07	1.0	7	34	1690	3.46	10
G0558892		5.03	0.9	1.24	2	<10	120	<0.5	<2	1.29	<0.5	5	20	1850	3.35	10
G0558893		3.90	0.7	1.24	2	<10	200	<0.5	<2	1.22	<0.5	5	19	938	2.95	10
G0558894		3.91	0.5	1.20	2	<10	180	<0.5	<2	2.08	<0.5	5	19	1180	3.35	10
G0558895		3.11	0.7	2.04	7	<10	90	0.6	<2	3.85	<0.5	14	53	918	4.23	10
G0558896		3.63	<0.2	4.06	7	<10	70	<0.5	<2	4.60	2.0	29	123	214	6.13	10
G0558897		3.22	0.3	3.97	23	<10	40	<0.5	<2	4.33	6.1	27	194	483	4.94	10
G0558898		5.33	1.0	1.23	7	<10	70	<0.5	<2	1.59	0.8	7	17	1155	4.52	<10
G0558899		3.22	<0.2	0.08	3	<10	10	<0.5	2	18.8	<0.5	1	1	11	0.38	<10
G0558900		5.18	0.7	1.19	12	<10	80	<0.5	<2	2.36	1.0	10	8	578	4.09	<10
G0558901		4.11	0.2	2.36	11	<10	130	0.5	<2	3.91	<0.5	18	18	446	4.73	10
G0558902		3.64	<0.2	3.33	5	<10	290	0.5	<2	4.66	<0.5	19	15	197	5.75	10
G0558903		4.84	<0.2	3.13	5	<10	360	<0.5	<2	4.80	<0.5	17	69	116	5.13	10
G0558904		3.78	1.3	2.54	46	<10	60	0.6	2	6.32	<0.5	23	141	320	4.41	<10
G0558905		3.66	0.6	0.83	24	<10	90	<0.5	<2	2.55	0.5	7	8	572	3.72	<10
G0558906		5.02	0.5	1.28	2	<10	110	<0.5	<2	2.46	<0.5	5	12	750	3.10	<10
G0558907		0.27	2.1	1.57	25	<10	140	0.5	3	1.82	0.9	16	65	1960	4.03	<10
G0558908		5.41	1.2	0.98	10	<10	70	<0.5	<2	2.40	<0.5	7	11	641	4.19	<10
G0558909		4.57	0.5	0.99	2	<10	60	<0.5	3	2.43	<0.5	9	8	855	5.14	<10
G0558910		3.87	<0.2	1.69	<2	<10	190	0.5	2	4.82	<0.5	10	27	194	2.75	10
G0558911		4.76	<0.2	1.89	8	<10	150	0.5	<2	5.69	<0.5	13	42	99	3.05	<10
G0558912		5.39	0.2	1.27	2	<10	150	<0.5	<2	3.89	<0.5	11	32	563	3.26	<10
G0558913		4.54	0.9	0.69	3	<10	60	<0.5	2	1.67	<0.5	9	6	2090	3.80	<10
G0558914		2.29	0.7	0.72	<2	<10	60	<0.5	<2	1.72	<0.5	9	4	2160	3.67	<10
G0558915		5.48	0.3	0.72	3	<10	70	<0.5	<2	1.99	<0.5	11	8	718	2.75	<10
G0558916		5.52	0.3	2.14	2	<10	150	<0.5	<2	2.77	<0.5	16	14	747	4.27	10
G0558917		3.65	0.4	0.56	2	<10	70	<0.5	<2	1.08	<0.5	9	8	1075	3.22	<10

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- AUG- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10112858

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
G0558882		<1	0.18	10	0.91	365	1	0.09	10	590	5	0.82	<2	3	75	<20
G0558883		<1	0.13	10	0.90	301	<1	0.11	11	570	31	1.00	12	3	100	<20
G0558884		<1	0.19	10	0.95	327	1	0.13	15	580	7	1.10	7	3	115	<20
G0558885		1	0.22	10	2.56	918	<1	0.14	94	540	8	1.13	7	11	125	<20
G0558886		<1	0.22	10	0.91	383	<1	0.10	17	590	6	1.30	7	3	152	<20
G0558887		<1	0.27	10	0.76	653	<1	0.07	13	580	38	2.62	5	2	115	<20
G0558888		<1	0.22	10	0.86	414	<1	0.08	12	610	10	3.12	4	2	108	<20
G0558889		1	0.21	10	0.84	384	<1	0.07	12	520	19	2.87	2	2	124	<20
G0558890		<1	0.20	10	0.83	376	<1	0.07	12	500	16	2.81	3	2	121	<20
G0558891		<1	0.19	10	0.87	378	<1	0.08	16	610	75	3.02	<2	3	139	<20
G0558892		<1	0.21	10	0.77	316	<1	0.08	12	610	5	2.66	<2	3	88	<20
G0558893		<1	0.19	10	0.79	326	<1	0.09	11	660	6	1.94	<2	2	120	<20
G0558894		<1	0.20	10	0.87	477	<1	0.09	11	600	6	2.13	<2	3	156	<20
G0558895		1	0.21	10	1.70	806	<1	0.10	59	590	27	2.54	<2	7	151	<20
G0558896		<1	0.13	10	3.68	1465	<1	0.18	100	680	13	0.54	4	20	198	<20
G0558897		1	0.16	10	4.44	1330	<1	0.11	155	520	34	1.50	3	14	143	<20
G0558898		<1	0.23	10	0.76	478	<1	0.06	14	350	23	5.01	<2	2	92	<20
G0558899		<1	0.03	10	11.35	178	<1	0.01	4	350	<2	<0.01	<2	<1	56	<20
G0558900		<1	0.31	10	0.64	797	2	0.05	11	520	16	4.72	<2	2	108	<20
G0558901		<1	0.25	10	1.58	1585	1	0.07	19	990	14	1.92	3	7	149	<20
G0558902		<1	0.27	20	1.96	2000	<1	0.08	15	1540	5	0.37	2	10	210	<20
G0558903		<1	0.36	10	1.97	2700	<1	0.07	47	1410	5	0.48	2	7	169	<20
G0558904		1	0.22	10	2.30	3440	<1	0.06	113	460	25	2.35	2	10	229	<20
G0558905		<1	0.26	10	0.37	841	<1	0.06	10	410	19	4.52	<2	1	246	<20
G0558906		<1	0.26	10	0.69	779	<1	0.07	9	480	7	3.17	2	2	240	<20
G0558907		<1	0.50	20	0.81	371	155	0.06	18	720	26	2.14	9	6	75	<20
G0558908		<1	0.28	10	0.54	646	<1	0.06	15	510	16	4.50	<2	1	220	<20
G0558909		<1	0.28	10	0.56	702	1	0.07	7	480	7	5.71	<2	1	291	<20
G0558910		<1	0.27	10	1.26	1270	<1	0.09	36	590	4	1.33	<2	4	378	<20
G0558911		1	0.31	10	1.47	1425	1	0.12	58	660	5	0.57	<2	7	316	<20
G0558912		<1	0.24	10	1.36	797	<1	0.11	33	580	6	1.82	<2	5	259	<20
G0558913		<1	0.26	10	0.55	191	2	0.07	10	400	9	4.21	<2	1	231	<20
G0558914		1	0.27	10	0.55	193	3	0.06	9	410	10	4.10	<2	1	236	<20
G0558915		<1	0.23	10	0.65	244	60	0.09	9	510	3	2.73	<2	2	203	<20
G0558916		<1	0.21	10	1.20	623	4	0.24	13	880	4	1.81	<2	8	242	<20
G0558917		<1	0.23	10	0.41	125	<1	0.09	7	410	3	3.39	<2	1	121	<20

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 27- AUG- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10112858

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Au- AA24
	Analyte	Ti	Tl	U	V	W	Zn	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2	0.005
G0558882		0.03	<10	<10	45	<10	57	0.044
G0558883		0.03	<10	<10	47	<10	42	0.111
G0558884		0.02	<10	<10	46	<10	40	0.342
G0558885		<0.01	<10	<10	95	<10	72	0.035
G0558886		<0.01	<10	<10	43	<10	33	0.062
G0558887		<0.01	<10	<10	32	<10	77	0.066
G0558888		<0.01	<10	<10	33	<10	44	0.054
G0558889		<0.01	<10	<10	37	<10	52	1.020
G0558890		<0.01	<10	<10	36	<10	50	0.075
G0558891		0.01	<10	<10	42	<10	143	0.092
G0558892		<0.01	<10	<10	40	<10	33	0.128
G0558893		<0.01	<10	<10	37	<10	33	0.076
G0558894		<0.01	<10	<10	38	<10	38	0.096
G0558895		<0.01	<10	<10	61	<10	117	0.095
G0558896		0.02	<10	<10	190	<10	469	0.006
G0558897		0.01	<10	<10	118	<10	1180	0.014
G0558898		<0.01	<10	<10	40	<10	159	0.027
G0558899		<0.01	<10	<10	2	<10	18	0.005
G0558900		<0.01	<10	<10	27	<10	209	0.045
G0558901		<0.01	<10	<10	119	<10	112	0.025
G0558902		0.01	<10	<10	151	<10	163	0.009
G0558903		<0.01	<10	<10	87	<10	167	0.007
G0558904		<0.01	<10	<10	62	<10	203	0.161
G0558905		<0.01	<10	<10	15	<10	84	0.031
G0558906		<0.01	<10	<10	26	<10	45	0.025
G0558907		0.04	<10	<10	58	<10	65	0.230
G0558908		<0.01	<10	<10	22	<10	47	0.053
G0558909		<0.01	<10	<10	20	<10	37	0.019
G0558910		<0.01	<10	<10	38	<10	73	<0.005
G0558911		<0.01	<10	<10	57	<10	82	0.006
G0558912		<0.01	<10	<10	46	<10	64	0.011
G0558913		<0.01	<10	<10	14	<10	28	0.022
G0558914		<0.01	<10	<10	13	<10	29	0.024
G0558915		<0.01	<10	<10	23	<10	36	0.013
G0558916		0.03	<10	<10	98	<10	57	0.007
G0558917		<0.01	<10	<10	16	<10	38	0.011

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To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24- AUG- 2010
Account: F

CERTIFICATE WH10110972

Project: Nikki

P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
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

ANALYTICAL PROCEDURES

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

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
ATTN: JOAN MARIACHER
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

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

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 24- AUG- 2010
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CERTIFICATE OF ANALYSIS WH10110972

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01	ME- ICP41 Ga ppm 10
G0558846		3.91	0.2	1.39	2	<10	90	<0.5	<2	2.87	<0.5	13	37	475	2.76	<10
G0558847		5.60	0.2	2.84	<2	<10	80	<0.5	<2	3.27	<0.5	19	50	285	4.28	10
G0558848		2.02	<0.2	3.53	2	<10	110	<0.5	<2	2.89	<0.5	21	64	124	4.90	10
G0558849		4.63	<0.2	3.56	2	<10	40	0.5	<2	2.87	<0.5	22	67	122	5.02	10
G0558850		4.05	<0.2	3.34	<2	<10	130	<0.5	<2	2.77	<0.5	22	65	127	5.08	10
G0558851		3.38	<0.2	3.19	<2	<10	60	<0.5	2	4.40	<0.5	20	61	170	4.72	10
G0558852		4.08	0.2	2.73	3	<10	80	0.5	<2	4.32	0.6	18	39	245	4.41	10
G0558853		6.53	<0.2	2.80	<2	<10	10	<0.5	<2	2.11	<0.5	21	22	143	5.08	10
G0558854		5.29	<0.2	3.09	<2	<10	10	0.6	<2	3.05	<0.5	23	23	152	5.21	10
G0558855		4.58	<0.2	2.22	<2	<10	90	0.5	<2	2.23	<0.5	13	21	314	3.47	10
G0558856		4.72	0.2	1.28	3	<10	230	<0.5	<2	1.85	<0.5	9	32	360	2.51	<10
G0558857		4.40	0.6	1.11	<2	<10	200	<0.5	2	2.43	<0.5	10	18	875	2.04	<10
G0558858		4.81	0.6	1.23	<2	<10	80	<0.5	<2	2.72	<0.5	10	19	862	2.28	<10
G0558859		0.27	4.6	1.67	21	<10	90	<0.5	<2	0.83	2.2	11	43	>10000	3.76	10
G0558860		1.18	0.2	2.61	<2	<10	240	<0.5	<2	2.70	<0.5	18	1	346	5.71	10
G0558861		3.92	<0.2	2.60	<2	<10	280	0.5	<2	3.39	<0.5	18	1	261	5.56	10
G0558862		3.58	<0.2	2.00	<2	<10	140	<0.5	<2	3.19	<0.5	15	6	255	4.64	10
G0558863		3.31	<0.2	1.40	<2	<10	210	<0.5	<2	2.76	<0.5	8	18	708	2.56	<10
G0558864		1.85	2.6	1.88	<2	<10	100	<0.5	<2	3.34	<0.5	12	16	367	3.76	10
G0558865		4.39	0.3	1.29	<2	<10	70	<0.5	<2	2.56	<0.5	10	19	428	2.65	<10
G0558866		4.92	0.4	1.12	2	<10	70	<0.5	<2	3.19	<0.5	7	18	584	2.27	<10
G0558867		3.04	0.2	2.43	3	<10	140	0.5	2	2.68	<0.5	16	47	467	4.36	10
G0558868		2.99	0.3	1.13	3	<10	170	<0.5	<2	2.41	<0.5	6	19	1040	2.02	10
G0558869		3.04	<0.2	0.05	<2	<10	<10	<0.5	<2	19.8	<0.5	1	1	6	0.40	<10
G0558870		5.47	0.5	1.14	<2	<10	160	<0.5	<2	3.66	<0.5	6	15	997	2.22	<10
G0558871		1.87	1.1	1.05	<2	<10	190	<0.5	2	2.60	<0.5	6	18	1115	1.97	<10
G0558872		4.00	0.5	0.99	<2	<10	100	<0.5	<2	2.64	<0.5	6	19	1245	1.91	<10
G0558873		3.38	1.0	0.96	<2	<10	120	<0.5	2	2.70	1.0	5	15	1210	2.16	<10
G0558874		4.01	0.7	0.85	3	<10	60	<0.5	2	3.11	<0.5	6	12	1630	2.29	<10
G0558875		0.28	1.8	1.52	26	<10	140	<0.5	2	1.81	0.9	16	64	1950	4.05	<10
G0558876		4.54	1.3	0.94	<2	<10	110	<0.5	2	3.01	<0.5	7	14	1170	2.20	<10
G0558877		4.52	0.8	0.97	3	<10	60	<0.5	<2	2.85	1.2	7	11	1105	3.32	<10
G0558878		4.81	0.6	0.91	<2	<10	50	<0.5	<2	2.39	0.6	8	14	855	3.15	<10
G0558879		2.75	0.5	1.15	<2	<10	120	<0.5	2	1.76	<0.5	8	19	1105	3.10	<10
G0558880		3.78	1.1	1.17	3	<10	100	<0.5	2	2.21	<0.5	6	20	952	2.80	<10
G0558881		1.61	0.6	0.99	<2	<10	210	<0.5	<2	2.78	<0.5	5	17	1370	2.18	<10

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To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24- AUG- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10110972

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
G0558846		<1	0.20	10	0.94	785	6	0.05	41	620	2	0.66	<2	4	95	<20
G0558847		<1	0.17	10	2.06	1060	<1	0.28	48	890	3	0.53	<2	9	247	<20
G0558848		<1	0.12	10	2.75	1190	<1	0.39	60	970	6	0.09	<2	13	211	<20
G0558849		<1	0.15	10	2.68	1055	<1	0.40	64	990	5	0.07	<2	13	282	<20
G0558850		<1	0.13	10	2.51	1060	<1	0.39	62	1000	6	0.09	<2	12	388	<20
G0558851		<1	0.18	20	2.08	1135	<1	0.34	58	930	2	0.25	<2	13	349	<20
G0558852		<1	0.17	10	1.68	1180	2	0.19	33	980	13	0.84	<2	10	186	<20
G0558853		<1	0.10	10	1.73	964	<1	0.24	16	1500	5	0.12	<2	6	134	<20
G0558854		<1	0.07	10	2.05	1140	<1	0.16	19	1540	9	0.20	<2	11	152	<20
G0558855		<1	0.10	10	1.37	695	3	0.13	14	950	2	0.72	<2	6	128	<20
G0558856		<1	0.15	10	0.89	315	1	0.09	15	660	<2	1.00	<2	3	146	<20
G0558857		<1	0.19	20	0.78	558	8	0.06	11	630	<2	1.21	<2	2	155	<20
G0558858		<1	0.20	20	0.87	711	5	0.06	11	710	3	1.00	<2	2	142	<20
G0558859		<1	0.16	<10	0.71	422	235	0.12	29	550	39	1.71	20	5	47	<20
G0558860		<1	0.03	10	1.84	1330	1	0.06	7	1910	8	0.12	<2	12	163	<20
G0558861		<1	0.07	20	1.72	1305	<1	0.07	8	1860	7	0.23	<2	11	200	<20
G0558862		<1	0.14	20	1.37	1065	<1	0.07	7	1520	3	0.27	<2	8	123	<20
G0558863		<1	0.22	20	0.91	612	3	0.07	11	760	<2	0.52	<2	2	117	<20
G0558864		<1	0.17	20	1.39	812	5	0.07	13	970	4	1.16	<2	5	145	<20
G0558865		<1	0.20	10	0.93	533	2	0.06	13	700	2	0.84	<2	3	91	<20
G0558866		<1	0.19	10	0.82	767	1	0.06	11	650	<2	1.50	<2	2	117	<20
G0558867		<1	0.12	10	1.94	862	1	0.14	30	690	13	0.98	<2	11	139	<20
G0558868		<1	0.13	10	0.85	334	<1	0.08	10	570	2	1.36	<2	3	203	<20
G0558869		<1	0.02	10	12.50	191	<1	0.01	4	280	<2	<0.01	<2	<1	56	<20
G0558870		<1	0.16	10	0.80	516	1	0.07	10	580	5	1.70	<2	2	530	<20
G0558871		<1	0.14	10	0.78	330	<1	0.07	10	550	10	1.51	<2	2	248	<20
G0558872		<1	0.10	10	0.84	277	1	0.07	9	550	2	1.81	<2	2	157	<20
G0558873		<1	0.16	10	0.65	466	1	0.06	9	570	32	2.04	<2	2	140	<20
G0558874		<1	0.20	10	0.51	453	1	0.06	9	550	29	2.33	<2	1	252	<20
G0558875		<1	0.50	20	0.81	366	152	0.06	17	710	19	1.90	5	6	75	<20
G0558876		<1	0.19	20	0.63	714	2	0.05	9	580	36	1.90	<2	2	136	<20
G0558877		<1	0.21	10	0.59	499	<1	0.06	10	620	34	3.51	<2	1	133	<20
G0558878		<1	0.17	10	0.66	341	<1	0.06	9	620	20	3.49	<2	2	79	<20
G0558879		<1	0.15	10	0.80	364	<1	0.08	11	620	3	2.33	<2	2	99	<20
G0558880		<1	0.17	10	0.89	466	<1	0.06	11	550	10	2.18	<2	2	86	<20
G0558881		<1	0.16	10	0.70	347	<1	0.06	10	590	8	1.37	<2	2	186	<20

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24- AUG- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10110972

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46	Au- AA24
	Analyte	Ti	Tl	U	V	W	Zn	Cu	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	10	10	1	10	2	0.001	0.005
G0558846		<0.01	<10	<10	43	<10	58		0.008
G0558847		0.17	<10	<10	117	<10	60		0.007
G0558848		0.23	<10	<10	150	<10	68		<0.005
G0558849		0.23	<10	<10	166	<10	65		0.008
G0558850		0.20	<10	<10	165	<10	64		<0.005
G0558851		0.07	<10	<10	139	<10	59		<0.005
G0558852		0.05	<10	<10	113	<10	114		0.012
G0558853		0.24	<10	<10	179	<10	68		<0.005
G0558854		0.21	<10	<10	168	<10	92		<0.005
G0558855		0.08	<10	<10	93	<10	52		0.006
G0558856		0.01	<10	<10	46	<10	33		0.009
G0558857		<0.01	<10	<10	31	<10	40		0.018
G0558858		<0.01	<10	<10	38	<10	61		0.016
G0558859		0.13	<10	<10	59	10	137	1.310	0.930
G0558860		0.21	<10	<10	195	<10	152		0.007
G0558861		0.15	<10	<10	188	<10	141		0.007
G0558862		0.03	<10	<10	134	<10	124		0.010
G0558863		<0.01	<10	<10	45	<10	60		0.010
G0558864		0.01	<10	<10	96	10	88		0.007
G0558865		0.01	<10	<10	54	<10	49		0.012
G0558866		<0.01	<10	<10	37	<10	47		0.014
G0558867		0.10	<10	<10	136	<10	66		0.015
G0558868		0.01	<10	<10	39	<10	27		0.044
G0558869		<0.01	<10	<10	2	<10	13		<0.005
G0558870		0.01	<10	<10	36	<10	36		0.044
G0558871		0.01	<10	<10	37	<10	53		0.060
G0558872		0.01	<10	<10	39	<10	24		0.063
G0558873		<0.01	<10	<10	30	<10	194		0.073
G0558874		<0.01	<10	<10	21	<10	40		0.051
G0558875		0.04	<10	<10	58	<10	64		0.191
G0558876		<0.01	<10	<10	26	<10	58		0.050
G0558877		<0.01	<10	<10	18	<10	106		0.036
G0558878		<0.01	<10	<10	26	<10	57		0.039
G0558879		<0.01	<10	<10	36	<10	36		0.027
G0558880		<0.01	<10	<10	34	<10	40		0.026
G0558881		<0.01	<10	<10	33	<10	46		0.069

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To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19- AUG- 2010
Account: F

CERTIFICATE WH10108419

Project: Nikki

P.O. No.:

This report is for 23 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
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

ANALYTICAL PROCEDURES

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

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
ATTN: JOAN MARIACHER
1016- 510 W HASTINGS ST
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 19- AUG- 2010
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CERTIFICATE OF ANALYSIS WH10108419

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01	ME- ICP41 Ga ppm 10
G0557273		2.29	0.4	2.44	6	<10	50	0.8	<2	2.45	<0.5	15	1	31	5.97	10
G0557274		3.18	0.3	2.51	2	<10	70	0.8	<2	2.28	<0.5	15	1	30	6.07	10
G0557275		4.29	0.3	2.18	5	<10	270	0.5	<2	2.78	<0.5	15	<1	30	5.87	10
G0557276		2.17	0.3	2.19	4	<10	210	0.6	<2	2.69	<0.5	15	<1	32	5.93	10
G0557277		3.82	0.3	2.67	2	<10	370	<0.5	<2	4.18	<0.5	20	27	42	5.73	10
G0557278		2.28	0.4	2.44	2	<10	240	0.6	<2	3.77	<0.5	19	31	62	5.58	10
G0557279		0.98	0.7	1.96	2	<10	170	<0.5	<2	2.89	<0.5	11	40	798	3.53	10
G0557280		0.97	1.0	0.42	5	<10	50	<0.5	<2	1.69	0.5	9	4	55	3.18	<10
G0557281		1.34	6.7	0.76	23	<10	20	<0.5	14	5.40	15.1	16	32	127	13.25	<10
G0557282		2.95	0.4	0.05	<2	<10	20	<0.5	<2	19.6	<0.5	1	1	<1	0.39	<10
G0557283		3.82	1.3	0.55	5	<10	50	<0.5	3	2.73	1.0	9	9	194	3.63	<10
G0557284		2.36	1.1	0.30	8	<10	20	<0.5	4	2.25	<0.5	13	5	258	7.95	<10
G0557285		2.68	0.5	2.55	4	<10	150	<0.5	<2	6.7	<0.5	25	61	163	4.24	10
G0557286		3.95	0.4	3.35	2	<10	90	<0.5	<2	8.1	<0.5	35	113	137	5.31	10
G0557287		1.54	<0.2	0.76	3	<10	380	<0.5	<2	12.8	0.6	20	41	38	4.12	<10
G0557288		3.07	<0.2	2.10	4	<10	130	0.5	<2	4.97	<0.5	18	62	117	4.08	10
G0557289		3.31	<0.2	1.99	6	<10	170	0.7	<2	3.12	<0.5	15	1	33	5.81	10
G0557290		3.82	<0.2	2.15	4	<10	110	0.7	<2	3.17	<0.5	15	<1	28	5.88	10
G0557291		0.24	4.8	1.62	25	<10	90	<0.5	9	0.86	2.2	11	44	>10000	3.74	<10
G0557292		3.22	<0.2	2.24	<2	<10	260	0.5	3	3.12	<0.5	14	<1	24	5.59	10
G0557293		3.00	<0.2	2.21	7	<10	260	0.5	<2	2.82	<0.5	16	<1	34	5.92	10
G0557294		5.11	<0.2	2.21	5	<10	200	0.7	<2	2.84	<0.5	16	<1	32	5.96	10
G0557295		5.86	<0.2	2.22	4	<10	150	0.7	<2	2.76	<0.5	16	<1	40	6.09	10

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VANCOUVER BC V6B 1L8

Finalized Date: 19- AUG- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10108419

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
G0557273		<1	0.06	10	1.67	1295	<1	0.10	<1	1490	4	0.11	<2	18	63	<20
G0557274		<1	0.08	10	1.71	1340	<1	0.12	<1	1530	3	0.10	<2	18	67	<20
G0557275		<1	0.09	10	1.54	1300	<1	0.08	<1	1550	2	0.17	<2	13	103	<20
G0557276		<1	0.09	10	1.55	1295	<1	0.08	<1	1550	<2	0.17	<2	13	91	<20
G0557277		<1	0.08	10	2.34	1135	<1	0.09	44	1350	4	0.74	<2	14	212	<20
G0557278		<1	0.10	10	2.26	1070	<1	0.11	14	1400	<2	0.24	<2	18	184	<20
G0557279		<1	0.16	10	1.96	688	<1	0.08	20	760	7	1.63	<2	7	197	<20
G0557280		<1	0.19	10	0.29	172	15	0.03	8	710	11	3.65	<2	1	195	<20
G0557281		1	0.11	<10	0.90	852	7	0.04	54	280	465	>10.0	<2	6	184	<20
G0557282		<1	0.02	<10	12.10	177	<1	0.01	<1	360	<2	<0.01	<2	<1	56	<20
G0557283		<1	0.18	10	0.62	565	1	0.04	9	680	16	3.94	<2	2	153	<20
G0557284		<1	0.16	10	0.27	385	29	0.03	5	500	10	>10.0	<2	1	151	<20
G0557285		<1	0.13	10	2.50	1175	<1	0.09	95	560	4	1.04	<2	16	216	<20
G0557286		<1	0.09	<10	3.60	1365	<1	0.08	161	500	3	0.51	<2	20	181	<20
G0557287		<1	0.13	<10	4.53	2110	<1	0.08	84	280	12	0.26	<2	13	275	<20
G0557288		1	0.19	10	1.94	1130	<1	0.08	33	680	7	0.99	<2	9	139	<20
G0557289		<1	0.07	10	1.44	1285	<1	0.10	<1	1510	5	0.15	<2	16	114	<20
G0557290		<1	0.08	10	1.48	1400	<1	0.09	<1	1510	6	0.17	<2	15	73	<20
G0557291		<1	0.14	<10	0.72	430	201	0.10	28	550	41	1.71	22	5	43	<20
G0557292		<1	0.08	10	1.56	1465	<1	0.08	<1	1450	7	0.24	2	11	92	<20
G0557293		<1	0.06	10	1.62	1270	<1	0.07	<1	1520	6	0.27	<2	17	80	<20
G0557294		<1	0.05	10	1.64	1355	<1	0.09	<1	1510	9	0.15	<2	16	99	<20
G0557295		<1	0.03	10	1.67	1380	<1	0.09	<1	1520	8	0.38	<2	18	98	<20

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CERTIFICATE OF ANALYSIS WH10108419

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46	Au- AA24
	Analyte	Ti	Tl	U	V	W	Zn	Cu	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	10	10	1	10	2	0.001	0.005
G0557273		0.38	<10	<10	149	<10	103		<0.005
G0557274		0.36	<10	<10	145	<10	101		<0.005
G0557275		0.07	<10	<10	104	<10	103		<0.005
G0557276		0.09	<10	<10	108	<10	103		<0.005
G0557277		0.01	<10	<10	113	<10	85		<0.005
G0557278		0.15	<10	<10	140	<10	79		<0.005
G0557279		0.03	<10	<10	69	<10	63		0.010
G0557280		<0.01	<10	<10	7	<10	82		0.016
G0557281		<0.01	<10	<10	32	<10	2690		0.231
G0557282		<0.01	<10	<10	2	<10	20		<0.005
G0557283		<0.01	<10	<10	19	<10	251		0.022
G0557284		<0.01	<10	<10	6	<10	40		0.039
G0557285		<0.01	<10	<10	105	<10	66		0.005
G0557286		<0.01	<10	<10	132	<10	171		<0.005
G0557287		<0.01	<10	<10	90	<10	101		<0.005
G0557288		<0.01	<10	<10	74	<10	97		0.008
G0557289		0.06	<10	<10	104	<10	106		<0.005
G0557290		0.09	<10	<10	103	<10	108		<0.005
G0557291		0.15	<10	<10	59	<10	142	1.330	0.944
G0557292		0.04	<10	<10	86	<10	113		<0.005
G0557293		0.24	<10	<10	137	<10	98		<0.005
G0557294		0.22	<10	<10	139	<10	101		<0.005
G0557295		0.34	<10	<10	153	<10	96		<0.005

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18- AUG- 2010
Account: F

CERTIFICATE WH10108418

Project: Nikki

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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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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Finalized Date: 18- AUG- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10108418

Sample Description	Method	WEI- 21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
G0557237		2.35	0.3	1.33	<2	<10	120	<0.5	<2	1.89	<0.5	9	19	177	2.59	<10
G0557238		3.90	0.5	1.33	<2	<10	160	<0.5	2	3.02	<0.5	8	14	68	2.66	10
G0557239		2.54	0.3	1.36	<2	<10	130	<0.5	<2	3.27	<0.5	6	7	51	2.09	<10
G0557240		5.33	0.4	1.57	<2	<10	120	<0.5	<2	2.89	<0.5	8	9	138	2.44	<10
G0557241		3.21	0.2	1.74	<2	<10	130	<0.5	<2	3.14	<0.5	9	9	155	2.74	<10
G0557242		2.81	0.6	1.71	<2	<10	120	<0.5	2	3.49	<0.5	8	8	400	2.88	10
G0557243		7.69	0.3	1.68	<2	<10	240	0.5	<2	3.35	<0.5	8	16	102	3.05	10
G0557244		8.51	0.7	1.57	8	<10	180	0.6	2	3.51	<0.5	7	10	173	3.56	<10
G0557245		9.97	0.3	1.33	<2	<10	250	<0.5	<2	2.30	<0.5	8	22	92	2.87	<10
G0557246		9.61	1.3	1.33	14	<10	70	0.5	3	3.17	3.2	9	15	271	3.53	<10
G0557247		4.12	0.3	1.54	<2	<10	500	<0.5	2	3.05	<0.5	8	20	76	2.75	10
G0557248		10.18	1.0	1.58	2	<10	120	0.5	3	3.92	2.8	13	44	199	4.10	<10
G0557249		9.64	0.7	1.42	3	<10	180	<0.5	2	2.50	<0.5	8	16	179	3.00	<10
G0557250		8.95	0.3	1.42	<2	<10	320	<0.5	<2	2.11	<0.5	7	21	98	2.97	<10
G0557251		10.37	0.7	1.13	9	<10	110	<0.5	<2	2.30	2.1	10	17	62	3.54	<10
G0557252		9.22	0.2	1.43	<2	<10	280	<0.5	<2	2.08	<0.5	6	23	133	3.09	10
G0557253		0.28	2.0	1.49	28	<10	110	<0.5	3	1.82	0.7	16	62	1925	4.05	<10
G0557254		10.07	0.4	2.54	5	<10	150	<0.5	<2	3.68	<0.5	18	59	110	4.33	10
G0557255		8.82	1.2	2.35	8	<10	140	<0.5	<2	3.02	<0.5	17	63	180	4.15	10
G0557256		8.47	<0.2	1.33	3	<10	180	<0.5	<2	1.74	<0.5	9	23	56	2.91	<10
G0557257		8.82	0.2	1.59	2	<10	90	<0.5	<2	1.45	<0.5	15	23	346	3.81	10
G0557258		8.76	<0.2	1.34	<2	<10	140	<0.5	<2	1.64	<0.5	9	20	117	3.17	10
G0557259		9.02	0.3	1.54	5	<10	140	<0.5	<2	1.84	<0.5	8	26	165	3.22	10
G0557260		3.86	<0.2	0.06	2	<10	10	<0.5	<2	20.0	<0.5	<1	1	<1	0.41	<10
G0557261		5.92	0.2	1.29	2	<10	120	<0.5	<2	2.40	<0.5	10	16	259	3.14	<10
G0557262		2.41	0.5	1.19	<2	<10	130	<0.5	<2	2.59	<0.5	8	25	174	3.41	<10
G0557263		4.14	0.8	1.08	4	<10	60	<0.5	<2	2.85	<0.5	8	12	118	4.40	<10
G0557264		0.28	5.1	1.57	20	<10	90	<0.5	<2	0.78	2.0	11	41	>10000	3.77	10
G0557265		4.08	0.2	1.22	6	<10	170	<0.5	<2	3.43	<0.5	8	14	271	2.82	<10
G0557266		3.49	<0.2	2.46	9	<10	110	<0.5	<2	4.69	<0.5	13	8	76	4.86	10
G0557267		1.29	<0.2	2.99	12	<10	140	0.5	<2	4.54	<0.5	20	44	41	5.91	10
G0557268		2.75	<0.2	2.60	6	<10	150	0.6	<2	3.23	<0.5	15	1	35	6.12	10
G0557269		2.10	<0.2	2.46	4	<10	100	0.6	<2	2.65	<0.5	15	1	33	5.99	10
G0557270		2.28	<0.2	2.42	5	<10	170	0.6	<2	2.96	<0.5	16	<1	33	6.22	10
G0557271		1.51	<0.2	2.26	<2	<10	170	0.6	<2	2.59	<0.5	15	<1	32	5.88	10
G0557272		2.39	<0.2	2.48	2	<10	70	0.8	<2	2.19	<0.5	15	<1	32	6.01	10

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VANCOUVER BC V6B 1L8

Finalized Date: 18- AUG- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10108418

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
G0557237		<1	0.16	10	0.98	567	<1	0.07	9	660	5	1.73	<2	2	113	<20
G0557238		<1	0.23	10	0.73	818	<1	0.06	8	630	21	2.03	<2	2	138	<20
G0557239		<1	0.28	10	0.78	1115	<1	0.04	4	600	5	0.79	<2	2	122	<20
G0557240		<1	0.23	10	0.90	1300	1	0.06	8	620	5	0.35	<2	3	82	<20
G0557241		<1	0.24	10	1.01	1415	1	0.06	15	690	4	0.41	<2	4	85	<20
G0557242		<1	0.20	10	1.00	1485	<1	0.06	5	670	5	0.76	<2	4	93	<20
G0557243		<1	0.27	10	0.98	900	<1	0.04	9	760	8	0.44	<2	3	207	<20
G0557244		<1	0.31	10	0.77	864	1	0.04	10	680	10	2.13	<2	2	144	<20
G0557245		<1	0.19	10	0.91	653	2	0.07	10	680	5	0.80	<2	3	142	<20
G0557246		<1	0.28	10	0.77	896	2	0.04	10	680	392	2.60	<2	2	273	<20
G0557247		<1	0.25	10	0.95	765	2	0.05	10	680	7	0.52	<2	3	395	<20
G0557248		1	0.30	10	1.04	969	<1	0.04	30	650	33	2.95	<2	5	303	<20
G0557249		<1	0.29	10	0.88	761	<1	0.04	24	660	20	2.01	<2	2	397	<20
G0557250		<1	0.22	10	1.02	768	<1	0.06	11	670	5	0.93	<2	3	138	<20
G0557251		<1	0.24	10	0.76	669	<1	0.04	11	650	84	3.13	<2	2	138	<20
G0557252		1	0.22	10	0.96	658	<1	0.06	13	690	4	1.06	<2	3	152	<20
G0557253		1	0.49	20	0.82	356	156	0.05	17	710	20	1.89	7	6	72	<20
G0557254		1	0.20	10	2.29	1170	1	0.09	67	670	7	2.47	<2	7	251	<20
G0557255		1	0.19	10	2.33	1415	1	0.07	76	680	17	2.14	2	7	275	<20
G0557256		<1	0.15	10	1.10	639	2	0.08	14	710	8	0.93	<2	4	101	<20
G0557257		1	0.11	10	1.41	443	2	0.09	15	700	<2	2.77	<2	5	91	<20
G0557258		<1	0.15	10	1.03	399	<1	0.06	12	670	4	1.77	<2	3	119	<20
G0557259		1	0.20	10	1.09	732	<1	0.04	20	670	15	2.06	<2	3	203	<20
G0557260		1	0.03	10	12.30	192	<1	<0.01	3	300	<2	<0.01	<2	<1	55	<20
G0557261		<1	0.21	10	0.99	545	3	0.04	12	650	17	2.45	<2	2	232	<20
G0557262		<1	0.24	10	1.08	629	1	0.04	13	700	3	2.44	<2	2	152	<20
G0557263		<1	0.28	10	0.69	514	1	0.03	11	640	33	4.15	<2	1	226	<20
G0557264		1	0.14	<10	0.71	401	213	0.08	28	560	38	1.78	25	5	41	<20
G0557265		<1	0.28	10	0.72	650	7	0.02	12	680	6	1.80	<2	2	229	<20
G0557266		1	0.17	20	1.62	1380	1	0.05	9	1140	7	0.73	<2	9	110	<20
G0557267		1	0.08	10	2.56	1415	1	0.07	36	1240	6	0.60	<2	17	107	<20
G0557268		1	0.11	20	1.66	1305	1	0.06	1	1590	<2	0.32	2	15	94	<20
G0557269		1	0.10	10	1.62	1190	<1	0.06	2	1550	2	0.57	<2	14	73	<20
G0557270		1	0.10	10	1.63	1265	<1	0.07	1	1580	3	0.94	3	14	90	<20
G0557271		1	0.06	10	1.53	1230	<1	0.07	1	1470	3	0.26	<2	14	94	<20
G0557272		1	0.06	10	1.72	1285	<1	0.11	<1	1490	3	0.08	<2	17	70	<20

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To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18- AUG- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10108418

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46	Au- AA24
	Analyte	Ti	Tl	U	V	W	Zn	Cu	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	10	10	1	10	2	0.001	0.005
G0557237		<0.01	<10	<10	37	<10	32		0.005
G0557238		<0.01	<10	<10	26	<10	65		0.009
G0557239		<0.01	<10	<10	20	<10	63		<0.005
G0557240		<0.01	<10	<10	33	<10	83		<0.005
G0557241		<0.01	<10	<10	37	<10	94		<0.005
G0557242		<0.01	<10	<10	37	<10	85		<0.005
G0557243		<0.01	<10	<10	47	<10	97		<0.005
G0557244		<0.01	<10	<10	24	<10	93		0.017
G0557245		<0.01	<10	<10	47	<10	30		<0.005
G0557246		<0.01	<10	<10	25	<10	736		0.033
G0557247		<0.01	<10	<10	40	<10	54		<0.005
G0557248		<0.01	<10	<10	44	<10	557		0.026
G0557249		<0.01	<10	<10	28	<10	128		0.010
G0557250		<0.01	<10	<10	44	<10	59		0.005
G0557251		<0.01	<10	<10	29	<10	391		0.031
G0557252		<0.01	<10	<10	47	<10	45		0.005
G0557253		0.04	<10	<10	57	<10	65		0.198
G0557254		0.01	<10	<10	82	<10	69		0.014
G0557255		0.01	<10	<10	78	<10	76		0.080
G0557256		0.01	<10	<10	51	<10	49		<0.005
G0557257		0.05	<10	<10	76	<10	30		<0.005
G0557258		0.01	<10	<10	45	<10	29		<0.005
G0557259		<0.01	<10	<10	41	<10	62		0.006
G0557260		<0.01	<10	<10	3	<10	13		<0.005
G0557261		<0.01	<10	<10	34	<10	60		0.007
G0557262		<0.01	<10	<10	35	<10	39		0.005
G0557263		<0.01	<10	<10	23	<10	40		0.007
G0557264		0.13	<10	<10	57	<10	136	1.360	1.015
G0557265		<0.01	<10	<10	24	<10	36		<0.005
G0557266		0.01	<10	<10	84	<10	97		<0.005
G0557267		0.07	<10	<10	150	<10	96		<0.005
G0557268		0.09	<10	<10	121	<10	103		<0.005
G0557269		0.09	<10	<10	113	<10	105		<0.005
G0557270		0.09	<10	<10	119	<10	114		0.019
G0557271		0.16	<10	<10	125	<10	101		<0.005
G0557272		0.39	<10	<10	154	<10	101		<0.005

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Finalized Date: 18- AUG- 2010
Account: F

CERTIFICATE WH10108417

Project: Nikki

P.O. No.: Batch 6

This report is for 20 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
ATTN: JOAN MARIACHER
1016- 510 W HASTINGS ST
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 18- AUG- 2010
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Project: Nikki

CERTIFICATE OF ANALYSIS WH10108417

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01	ME- ICP41 Ga ppm 10
G0557296		6.06	<0.2	2.42	11	<10	260	0.8	<2	2.83	<0.5	15	1	40	6.25	10
G0557297		4.18	<0.2	2.64	6	<10	220	0.7	<2	3.45	<0.5	15	1	35	6.09	10
G0557298		4.50	<0.2	2.36	7	<10	260	0.8	<2	2.46	<0.5	16	<1	36	6.36	20
G0557299		4.24	<0.2	2.36	6	<10	400	0.6	<2	2.76	<0.5	15	1	32	6.33	10
G0557300		4.53	<0.2	2.30	6	<10	90	0.5	<2	2.77	<0.5	15	<1	36	6.31	10
G0558831		1.80	1.4	1.86	34	<10	50	0.5	<2	2.60	1.4	29	20	454	8.68	10
G0558832		3.39	<0.2	2.44	13	<10	70	<0.5	<2	3.20	<0.5	14	<1	30	6.07	10
G0558833		5.08	<0.2	2.90	12	<10	100	0.5	<2	3.49	<0.5	19	47	279	4.93	10
G0558834		4.87	<0.2	3.60	6	<10	50	0.5	<2	2.57	<0.5	23	68	143	5.53	10
G0558835		0.30	2.2	1.60	23	<10	120	0.5	3	1.88	0.9	17	65	2000	4.35	<10
G0558836		4.81	0.2	3.42	<2	<10	100	<0.5	<2	2.32	<0.5	23	69	142	5.50	10
G0558837		2.47	0.2	3.58	<2	<10	70	<0.5	<2	2.70	<0.5	22	66	128	5.31	10
G0558838		4.17	0.2	3.18	<2	<10	60	<0.5	<2	3.67	<0.5	22	59	130	5.38	10
G0558839		2.18	0.4	3.28	<2	<10	60	<0.5	<2	3.74	<0.5	22	58	130	5.28	10
G0558840		3.39	0.3	3.44	<2	<10	60	<0.5	<2	3.80	<0.5	22	61	125	5.25	10
G0558841		3.59	0.2	2.71	<2	<10	140	0.5	<2	4.27	<0.5	18	30	89	5.62	10
G0558842		3.65	0.2	1.97	<2	<10	200	0.7	<2	3.74	<0.5	15	2	36	5.93	10
G0558843		2.53	0.4	1.50	<2	<10	280	0.5	<2	3.35	<0.5	8	10	299	3.48	10
G0558844		4.81	0.2	1.65	<2	<10	240	0.6	<2	2.98	<0.5	13	8	228	4.72	10
G0558845		4.38	0.2	1.95	<2	<10	160	0.6	<2	3.15	<0.5	15	4	45	5.90	10

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VANCOUVER BC V6B 1L8

Finalized Date: 18- AUG- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10108417

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
G0557296		<1	0.04	10	1.71	1445	<1	0.12	1	1620	5	0.31	<2	19	122	<20
G0557297		<1	0.05	10	1.64	1450	<1	0.11	<1	1600	3	0.33	<2	17	106	<20
G0557298		<1	0.03	10	1.91	1430	<1	0.11	<1	1630	5	0.43	<2	20	146	<20
G0557299		<1	0.04	10	1.74	1365	<1	0.09	1	1660	2	0.36	<2	17	143	<20
G0557300		<1	0.06	10	1.66	1260	<1	0.08	<1	1640	2	0.41	<2	14	61	<20
G0558831		1	0.26	10	0.86	818	46	0.08	26	790	20	7.7	<2	4	42	<20
G0558832		1	0.03	10	1.72	1400	<1	0.09	<1	1560	3	0.46	2	15	129	<20
G0558833		<1	0.15	10	2.15	1115	6	0.23	46	1060	6	0.46	<2	13	135	<20
G0558834		1	0.12	10	2.89	1115	<1	0.40	71	1090	2	0.03	3	13	219	<20
G0558835		1	0.51	20	0.89	375	158	0.07	17	730	24	1.99	4	6	74	<20
G0558836		<1	0.09	10	3.06	1145	<1	0.37	64	1000	5	0.04	<2	14	260	<20
G0558837		1	0.10	10	2.81	1050	<1	0.51	60	970	6	0.03	<2	15	429	<20
G0558838		<1	0.10	10	2.25	1030	<1	0.38	67	990	6	0.11	<2	14	364	<20
G0558839		<1	0.11	10	2.28	1030	<1	0.40	66	970	5	0.10	<2	14	359	<20
G0558840		<1	0.12	10	2.33	1065	<1	0.43	63	940	2	0.16	<2	15	414	<20
G0558841		<1	0.19	10	1.65	1225	<1	0.28	30	1250	5	0.47	<2	13	241	<20
G0558842		<1	0.16	10	1.07	1200	<1	0.10	<1	1550	3	0.21	<2	13	86	<20
G0558843		<1	0.23	10	0.75	747	8	0.10	5	960	4	0.44	<2	7	90	<20
G0558844		<1	0.18	10	1.01	957	2	0.10	4	1210	4	0.36	<2	9	87	<20
G0558845		<1	0.12	10	1.31	1170	<1	0.10	4	1450	5	0.34	<2	15	62	<20

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Finalized Date: 18- AUG- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10108417

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Au- AA24
	Analyte	Ti	Tl	U	V	W	Zn	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2	0.005
G0557296		0.35	<10	<10	159	<10	102	<0.005
G0557297		0.17	<10	<10	133	<10	100	0.012
G0557298		0.40	<10	<10	160	<10	103	<0.005
G0557299		0.27	<10	<10	147	<10	91	<0.005
G0557300		0.05	<10	<10	131	<10	105	<0.005
G0558831		<0.01	<10	<10	53	<10	62	0.016
G0558832		0.04	<10	<10	142	<10	112	<0.005
G0558833		0.19	<10	<10	140	<10	70	<0.005
G0558834		0.34	<10	<10	179	<10	71	<0.005
G0558835		0.03	<10	<10	60	<10	65	0.164
G0558836		0.33	<10	<10	177	<10	64	<0.005
G0558837		0.30	<10	<10	174	<10	62	<0.005
G0558838		0.15	<10	<10	172	<10	62	<0.005
G0558839		0.15	<10	<10	169	<10	62	<0.005
G0558840		0.13	<10	<10	168	<10	61	<0.005
G0558841		0.04	<10	<10	127	<10	73	<0.005
G0558842		0.01	<10	<10	105	<10	89	<0.005
G0558843		<0.01	<10	<10	51	<10	49	<0.005
G0558844		0.01	<10	<10	77	<10	67	0.005
G0558845		0.05	<10	<10	108	<10	76	<0.005

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Finalized Date: 15- AUG- 2010
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CERTIFICATE WH10106222

Project: Nikki

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3- AUG- 2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
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

ANALYTICAL PROCEDURES

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

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
ATTN: JOAN MARIACHER
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- AUG- 2010
Account: F

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CERTIFICATE OF ANALYSIS WH10106222

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01	ME- ICP41 Ga ppm 10
G0557201		4.79	0.3	1.97	2	<10	50	<0.5	<2	2.26	<0.5	12	113	182	3.75	10
G0557202		5.05	0.2	1.92	2	<10	70	<0.5	<2	2.11	<0.5	11	80	226	3.48	10
G0557203		4.76	1.2	1.90	3	<10	70	<0.5	2	3.74	3.4	12	81	154	3.66	10
G0557204		4.15	0.2	4.02	<2	<10	40	<0.5	<2	3.13	<0.5	22	79	77	4.31	10
G0557205		6.13	0.2	2.29	3	<10	40	<0.5	<2	2.03	<0.5	15	185	58	3.53	10
G0557206		4.81	0.3	2.48	3	<10	50	<0.5	<2	2.39	<0.5	15	120	89	3.78	10
G0557207		3.00	0.4	1.79	8	<10	110	<0.5	<2	3.05	0.6	11	60	151	3.53	10
G0557208		4.09	0.3	1.54	2	<10	170	<0.5	<2	1.75	<0.5	8	29	77	2.71	10
G0557209		2.14	0.2	1.82	2	<10	180	<0.5	<2	1.89	<0.5	11	76	91	3.03	10
G0557210		3.76	0.5	1.54	6	<10	140	<0.5	2	3.92	<0.5	11	26	146	2.69	10
G0557211		5.20	0.6	1.61	17	<10	70	<0.5	2	4.15	0.8	12	36	49	3.41	10
G0557212		3.49	0.2	2.10	<2	<10	290	<0.5	<2	2.73	<0.5	11	75	33	3.35	10
G0557213		2.63	0.3	1.71	5	<10	120	<0.5	<2	3.27	<0.5	11	40	46	2.96	10
G0557214		3.58	<0.2	1.56	4	<10	160	<0.5	<2	3.44	<0.5	10	27	36	2.55	<10
G0557215		0.28	5.0	1.59	23	<10	80	<0.5	6	0.80	2.2	11	42	>10000	3.90	<10
G0557216		5.68	0.2	1.89	4	<10	190	<0.5	<2	3.13	0.7	11	75	290	3.09	10
G0557217		4.61	0.3	1.73	<2	<10	140	<0.5	<2	2.56	<0.5	12	39	204	2.85	10
G0557218		5.44	<0.2	1.81	2	<10	200	<0.5	<2	2.45	<0.5	11	83	81	3.13	10
G0557219		5.68	0.2	1.49	4	<10	200	<0.5	<2	2.58	<0.5	9	26	60	2.71	10
G0557220		5.76	0.3	2.14	4	<10	100	<0.5	<2	3.91	<0.5	11	88	54	3.64	10
G0557221		3.76	<0.2	0.06	<2	<10	10	<0.5	<2	20.4	<0.5	2	1	1	0.39	<10
G0557222		5.62	0.4	1.30	3	<10	80	<0.5	<2	4.28	1.0	9	13	32	2.52	<10
G0557223		5.30	0.3	1.21	<2	<10	100	<0.5	<2	3.03	<0.5	7	19	29	2.43	<10
G0557224		3.21	0.3	1.27	2	<10	130	<0.5	<2	2.36	<0.5	9	33	31	2.24	<10
G0557225		4.91	0.2	1.29	3	<10	130	<0.5	<2	2.67	<0.5	6	18	52	2.09	<10
G0557226		0.27	2.1	1.65	25	<10	70	0.5	2	1.87	1.1	16	63	1935	4.13	10
G0557227		5.24	0.3	1.07	<2	<10	40	<0.5	<2	2.09	<0.5	7	18	21	2.65	<10
G0557228		3.35	<0.2	0.04	<2	<10	20	<0.5	<2	19.6	<0.5	2	1	2	0.38	<10
G0557229		3.98	0.2	1.08	5	<10	280	0.5	<2	3.10	<0.5	4	4	11	2.15	<10
G0557230		3.87	0.5	1.45	<2	<10	360	0.5	<2	3.32	<0.5	7	10	66	2.83	<10
G0557231		4.98	0.2	1.17	<2	<10	120	<0.5	<2	2.35	<0.5	8	21	93	2.48	10
G0557232		2.04	0.2	1.20	<2	<10	170	<0.5	<2	2.12	<0.5	5	20	156	2.39	10
G0557233		5.55	0.2	1.04	2	<10	80	<0.5	<2	2.67	<0.5	7	20	112	2.03	<10
G0557234		3.40	<0.2	1.14	<2	<10	130	<0.5	<2	2.00	<0.5	7	22	196	2.27	10
G0557235		5.38	0.4	0.75	5	<10	60	<0.5	<2	3.45	<0.5	8	12	116	2.05	<10
G0557236		2.33	0.6	1.65	2	<10	80	<0.5	<2	2.71	<0.5	12	24	135	3.04	<10

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 15- AUG- 2010
Account: F

Project: Nikki

CERTIFICATE OF ANALYSIS WH10106222

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
G0557201		<1	0.11	<10	1.60	1050	2	0.07	40	690	5	0.58	<2	5	186	<20
G0557202		<1	0.10	10	1.60	862	1	0.07	33	710	2	0.83	<2	5	122	<20
G0557203		1	0.14	10	1.55	972	1	0.04	35	630	179	2.59	<2	5	137	<20
G0557204		<1	0.06	10	3.54	1170	<1	0.26	64	750	<2	0.31	<2	9	353	<20
G0557205		<1	0.07	<10	2.02	861	1	0.08	63	630	<2	0.44	<2	6	146	<20
G0557206		<1	0.08	10	1.90	963	1	0.12	51	700	<2	0.68	<2	7	325	<20
G0557207		<1	0.13	10	1.34	1170	2	0.05	24	650	5	1.71	<2	4	124	<20
G0557208		<1	0.11	10	1.08	665	1	0.04	15	650	<2	0.40	<2	3	87	<20
G0557209		<1	0.08	<10	1.52	541	2	0.06	33	620	<2	0.97	<2	5	103	<20
G0557210		<1	0.18	10	1.06	1170	1	0.01	16	640	5	1.40	<2	3	119	<20
G0557211		<1	0.20	10	1.26	1225	8	<0.01	20	610	33	3.00	<2	3	143	<20
G0557212		1	0.15	10	1.60	790	<1	0.05	28	660	<2	0.66	<2	5	146	<20
G0557213		<1	0.16	10	1.30	894	<1	0.02	20	650	3	1.44	<2	4	130	<20
G0557214		<1	0.16	10	1.08	803	1	0.01	13	640	3	1.39	<2	3	144	<20
G0557215		<1	0.14	<10	0.72	403	227	0.06	28	550	36	1.73	21	5	42	<20
G0557216		<1	0.15	10	1.48	960	1	0.05	29	640	36	1.11	<2	5	166	<20
G0557217		<1	0.15	10	1.31	559	<1	0.05	16	690	5	1.28	<2	4	163	<20
G0557218		<1	0.13	10	1.61	703	1	0.05	32	610	10	0.94	<2	5	142	<20
G0557219		<1	0.18	10	1.12	689	1	0.02	13	660	6	0.97	<2	3	133	<20
G0557220		<1	0.18	10	1.74	1040	1	0.03	36	640	2	1.41	<2	6	149	<20
G0557221		<1	0.03	<10	12.45	187	<1	<0.01	<1	240	<2	<0.01	<2	<1	56	<20
G0557222		<1	0.21	10	0.69	1110	2	<0.01	10	610	6	2.28	<2	2	195	<20
G0557223		<1	0.19	10	0.87	741	<1	0.01	9	610	<2	1.84	<2	2	136	<20
G0557224		<1	0.14	10	0.94	535	<1	0.01	12	630	10	1.39	<2	2	129	<20
G0557225		<1	0.15	10	0.86	625	<1	0.01	8	600	<2	1.53	<2	2	124	<20
G0557226		<1	0.54	20	0.86	363	161	0.03	15	700	20	1.87	7	6	74	<20
G0557227		<1	0.12	10	0.88	323	<1	0.01	9	600	6	2.74	<2	2	135	<20
G0557228		<1	0.02	<10	11.85	181	<1	<0.01	<1	230	<2	<0.01	<2	<1	54	<20
G0557229		<1	0.24	20	0.43	1060	1	<0.01	<1	530	7	0.87	<2	2	175	<20
G0557230		<1	0.24	10	0.72	1245	3	0.01	3	790	26	0.70	<2	2	208	<20
G0557231		<1	0.13	10	0.93	381	1	0.01	8	610	3	1.51	<2	2	168	<20
G0557232		<1	0.14	10	0.88	365	2	0.02	8	590	<2	1.21	<2	2	132	<20
G0557233		<1	0.13	10	0.84	247	3	0.01	8	570	3	2.38	<2	2	160	<20
G0557234		<1	0.11	10	0.90	266	1	0.01	8	590	<2	1.37	<2	2	118	<20
G0557235		<1	0.17	10	0.60	730	1	<0.01	9	580	20	3.24	<2	1	149	<20
G0557236		<1	0.16	10	1.41	818	2	0.03	29	610	14	2.33	<2	3	241	<20

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Project: Nikki

CERTIFICATE OF ANALYSIS WH10106222

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46	Au- AA24
	Analyte	Ti	Tl	U	V	W	Zn	Cu	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	10	10	1	10	2	0.001	0.005
G0557201		0.08	<10	<10	97	<10	104		0.011
G0557202		0.07	<10	<10	95	<10	48		0.030
G0557203		0.03	<10	<10	76	<10	800		0.023
G0557204		0.19	<10	<10	180	<10	66		<0.005
G0557205		0.14	<10	<10	115	<10	62		<0.005
G0557206		0.11	<10	<10	113	<10	52		0.006
G0557207		0.07	<10	<10	72	<10	213		0.022
G0557208		0.06	<10	<10	58	<10	39		<0.005
G0557209		0.10	<10	<10	75	<10	32		0.006
G0557210		<0.01	<10	<10	39	<10	99		0.016
G0557211		<0.01	<10	<10	43	<10	223		0.053
G0557212		0.01	<10	<10	74	<10	57		<0.005
G0557213		<0.01	<10	<10	57	<10	54		0.016
G0557214		<0.01	<10	<10	44	<10	49		0.008
G0557215		0.13	<10	<10	57	<10	134	1.295	0.950
G0557216		0.01	<10	<10	71	<10	147		0.012
G0557217		0.01	<10	<10	69	<10	43		0.008
G0557218		0.02	<10	<10	75	<10	58		0.005
G0557219		<0.01	<10	<10	52	<10	49		0.005
G0557220		0.02	<10	<10	73	<10	66		0.017
G0557221		<0.01	<10	<10	3	<10	13		<0.005
G0557222		<0.01	<10	<10	25	<10	153		0.017
G0557223		<0.01	<10	<10	34	<10	47		0.005
G0557224		<0.01	<10	<10	37	<10	48		<0.005
G0557225		<0.01	<10	<10	31	<10	47		0.005
G0557226		0.04	<10	<10	58	<10	64		0.197
G0557227		<0.01	<10	<10	34	<10	36		<0.005
G0557228		<0.01	<10	<10	2	<10	13		<0.005
G0557229		<0.01	<10	<10	12	<10	79		<0.005
G0557230		<0.01	<10	<10	26	<10	162		<0.005
G0557231		0.01	<10	<10	40	<10	31		0.005
G0557232		0.01	<10	<10	43	<10	26		0.009
G0557233		0.02	<10	<10	37	<10	18		0.007
G0557234		0.03	<10	<10	45	<10	20		0.009
G0557235		<0.01	<10	<10	18	<10	63		0.010
G0557236		0.02	<10	<10	43	<10	44		0.028

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VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2010
Account: F

CERTIFICATE WH10095935

Project: NIKKI

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 14-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
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

ANALYTICAL PROCEDURES

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

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
ATTN: JOAN MARIACHER
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VANCOUVER BC V6B 1L8

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2010
Account: F

Project: NIKKI

CERTIFICATE OF ANALYSIS WH10095935

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
G0557165		5.82	<0.2	1.44	5	<10	50	<0.5	<2	2.09	<0.5	7	36	157	2.44	10
G0557166		6.23	<0.2	1.23	<2	<10	40	<0.5	<2	1.65	<0.5	5	24	56	1.79	<10
G0557167		4.81	0.3	1.39	<2	<10	50	<0.5	<2	2.95	<0.5	6	19	649	1.65	<10
G0557168		5.85	<0.2	1.24	<2	<10	40	<0.5	<2	2.50	0.6	7	24	252	1.91	<10
G0557169		5.71	<0.2	1.37	29	<10	40	<0.5	<2	2.09	<0.5	7	32	173	1.70	<10
G0557170		5.64	0.2	1.41	<2	<10	30	<0.5	<2	2.04	<0.5	6	28	122	2.08	<10
G0557171		4.86	<0.2	1.47	3	<10	60	<0.5	<2	4.11	<0.5	10	14	99	1.88	<10
G0557172		0.27	2.3	1.43	22	<10	130	<0.5	<2	1.76	0.8	15	61	1860	4.07	<10
G0557173		5.87	<0.2	1.88	3	<10	40	<0.5	<2	4.54	<0.5	15	15	194	2.01	10
G0557174		5.98	<0.2	1.86	<2	<10	40	<0.5	<2	3.57	<0.5	4	11	76	1.20	<10
G0557175		5.54	<0.2	2.18	<2	<10	30	<0.5	<2	4.99	<0.5	10	10	173	2.64	10
G0557176		5.36	<0.2	2.09	<2	<10	20	<0.5	<2	3.47	<0.5	15	16	414	3.43	10
G0557177		5.07	0.4	2.41	5	<10	40	<0.5	<2	4.54	<0.5	14	27	313	3.85	10
G0557178		2.76	<0.2	0.06	<2	<10	10	<0.5	<2	19.9	<0.5	<1	2	10	0.42	<10
G0557179		4.39	<0.2	2.72	4	<10	50	<0.5	<2	2.26	<0.5	17	17	63	4.32	10
G0557180		4.14	<0.2	2.71	<2	<10	20	<0.5	<2	1.88	<0.5	18	14	63	3.95	10
G0557181		5.96	<0.2	2.65	<2	<10	50	<0.5	<2	3.20	<0.5	12	19	155	3.75	10
G0557182		4.76	<0.2	2.69	<2	<10	20	<0.5	<2	2.14	<0.5	18	48	69	4.22	10
G0557183		4.83	<0.2	3.54	2	<10	80	<0.5	<2	7.6	<0.5	22	91	105	4.91	10
G0557184		4.47	0.3	2.36	5	<10	60	<0.5	<2	4.93	<0.5	16	13	185	4.65	10
G0557185		5.05	0.4	2.15	2	<10	30	<0.5	<2	4.33	2.4	9	13	165	4.85	10
G0557186		3.94	<0.2	2.40	<2	<10	30	<0.5	<2	4.27	<0.5	8	11	96	5.36	10
G0557187		0.31	4.8	1.52	20	<10	80	<0.5	9	0.75	1.9	10	40	>10000	3.74	10
G0557188		5.86	0.6	2.51	19	<10	60	<0.5	<2	5.77	3.3	17	16	264	5.57	10
G0557189		5.99	0.4	2.30	<2	<10	20	<0.5	<2	3.74	<0.5	10	16	32	4.88	10
G0557190		5.73	<0.2	2.51	<2	<10	80	<0.5	<2	4.02	<0.5	23	16	197	4.61	10
G0557191		5.44	<0.2	2.40	<2	<10	20	<0.5	<2	3.78	<0.5	14	19	133	4.69	10
G0557192		2.60	<0.2	2.53	<2	<10	20	<0.5	<2	3.98	<0.5	12	17	103	4.62	10
G0557193		6.37	<0.2	2.36	3	<10	30	<0.5	<2	3.76	<0.5	13	17	86	4.82	10
G0557194		6.12	<0.2	2.51	2	<10	40	<0.5	<2	4.71	<0.5	13	25	60	5.50	10
G0557195		2.43	<0.2	0.07	<2	<10	10	<0.5	<2	19.9	<0.5	<1	1	3	0.40	<10
G0557196		6.31	0.2	2.43	7	<10	40	<0.5	<2	4.62	<0.5	11	26	92	5.34	10
G0557197		5.22	<0.2	2.29	<2	<10	30	<0.5	<2	3.37	<0.5	12	21	100	4.64	10
G0557198		4.83	<0.2	2.03	<2	<10	60	<0.5	<2	2.84	<0.5	11	47	132	3.53	10
G0557199		6.63	0.3	2.08	4	<10	40	<0.5	<2	2.05	0.9	11	133	144	3.99	10
G0557200		3.66	<0.2	1.96	<2	<10	50	<0.5	<2	1.80	<0.5	11	126	115	3.44	10

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To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2010
Account: F

Project: NIKKI

CERTIFICATE OF ANALYSIS WH10095935

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
G0557165		<1	0.13	10	1.10	868	1	0.06	23	600	2	0.88	<2	2	89	<20
G0557166		<1	0.09	<10	0.95	520	<1	0.06	14	560	<2	0.60	<2	2	80	<20
G0557167		<1	0.16	10	0.90	793	1	0.06	9	580	9	1.31	<2	2	127	<20
G0557168		<1	0.14	10	0.89	898	<1	0.05	10	590	10	0.98	<2	2	94	<20
G0557169		1	0.12	<10	0.87	512	<1	0.08	8	570	3	0.96	<2	2	106	<20
G0557170		<1	0.11	<10	0.96	622	<1	0.07	11	600	<2	0.92	<2	2	108	<20
G0557171		<1	0.17	10	1.11	1415	<1	0.04	9	900	5	1.91	<2	4	192	<20
G0557172		<1	0.48	20	0.81	353	152	0.06	16	670	20	1.83	8	6	69	<20
G0557173		1	0.14	<10	1.65	1180	<1	0.09	10	1390	3	2.73	<2	8	269	<20
G0557174		1	0.02	<10	1.53	654	<1	0.13	6	1300	3	1.95	<2	9	191	<20
G0557175		1	0.12	<10	1.95	1885	<1	0.10	8	1240	3	2.74	<2	11	275	<20
G0557176		<1	0.04	10	1.73	879	1	0.12	10	1310	2	3.00	<2	10	169	<20
G0557177		<1	0.13	10	2.03	2390	<1	0.08	15	1300	12	2.93	2	10	137	<20
G0557178		<1	0.02	<10	12.45	194	1	0.02	1	280	3	<0.01	<2	<1	54	<20
G0557179		<1	0.05	10	1.96	1085	<1	0.07	11	820	<2	0.34	<2	7	99	<20
G0557180		<1	0.03	10	2.10	895	<1	0.06	10	810	<2	0.03	<2	6	105	<20
G0557181		<1	0.10	<10	2.06	1860	<1	0.13	12	1160	3	1.17	<2	9	165	<20
G0557182		1	0.04	10	2.41	947	<1	0.08	30	750	<2	0.05	2	8	143	<20
G0557183		<1	0.15	10	2.71	2980	<1	0.09	73	790	31	0.98	<2	14	259	<20
G0557184		1	0.18	10	1.81	2770	<1	0.07	9	1380	8	3.08	<2	10	214	<20
G0557185		<1	0.09	<10	1.64	1910	1	0.10	8	1340	47	2.36	<2	10	191	<20
G0557186		1	0.11	<10	1.93	1690	<1	0.10	8	1530	4	1.88	2	14	184	<20
G0557187		<1	0.13	<10	0.70	391	200	0.09	26	520	37	1.69	24	5	40	<20
G0557188		1	0.18	10	2.06	2620	6	0.05	10	1250	8	3.94	<2	9	231	<20
G0557189		1	0.08	<10	1.91	1560	<1	0.09	8	1370	3	1.30	<2	12	144	<20
G0557190		<1	0.05	<10	1.78	1150	<1	0.12	10	1310	7	2.76	<2	11	200	<20
G0557191		<1	0.03	<10	1.81	1015	<1	0.10	8	1250	2	2.43	<2	11	154	<20
G0557192		<1	0.03	<10	1.85	1005	<1	0.10	11	1220	<2	2.49	<2	10	164	<20
G0557193		<1	0.04	<10	1.85	930	<1	0.14	11	1300	6	2.41	<2	11	201	<20
G0557194		<1	0.13	10	2.20	843	<1	0.11	13	1090	5	6.2	2	11	278	<20
G0557195		<1	0.03	<10	12.35	189	1	0.02	<1	350	<2	<0.01	<2	<1	57	<20
G0557196		1	0.12	10	1.92	1120	<1	0.12	13	1120	16	3.09	<2	11	265	<20
G0557197		1	0.04	<10	1.93	695	<1	0.16	12	1310	<2	2.71	<2	10	218	<20
G0557198		1	0.10	10	1.75	788	<1	0.09	23	1030	7	1.94	<2	7	139	<20
G0557199		<1	0.08	10	1.64	1015	<1	0.14	44	720	304	0.50	<2	6	138	<20
G0557200		<1	0.08	10	1.49	637	1	0.12	43	700	3	0.80	<2	4	201	<20

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To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-JUL-2010
Account: F

Project: NIKKI

CERTIFICATE OF ANALYSIS WH10095935

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46	Au-AA24
	Analyte	Ti	Tl	U	V	W	Zn	Cu	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	10	10	1	10	2	0.001	0.005
G0557165		0.01	<10	<10	42	<10	72		<0.005
G0557166		0.02	<10	<10	38	<10	38		<0.005
G0557167		<0.01	<10	<10	32	<10	71		0.005
G0557168		<0.01	<10	<10	34	<10	174		0.007
G0557169		0.01	<10	<10	36	<10	56		0.005
G0557170		0.01	<10	<10	41	<10	39		<0.005
G0557171		<0.01	<10	<10	52	<10	105		0.009
G0557172		0.04	<10	<10	55	<10	60		0.211
G0557173		0.02	<10	<10	113	<10	75		0.005
G0557174		0.05	<10	<10	105	<10	65		<0.005
G0557175		0.02	<10	<10	157	<10	103		0.012
G0557176		0.07	<10	<10	164	<10	46		0.006
G0557177		0.05	<10	<10	161	<10	120		0.018
G0557178		<0.01	<10	10	4	<10	15		<0.005
G0557179		0.31	<10	<10	145	<10	73		0.005
G0557180		0.31	<10	<10	122	<10	70		<0.005
G0557181		0.17	<10	<10	161	<10	113		0.007
G0557182		0.26	<10	<10	137	<10	72		0.009
G0557183		0.03	<10	<10	134	<10	235		0.016
G0557184		0.02	<10	<10	159	<10	126		0.040
G0557185		0.04	<10	<10	192	<10	476		0.016
G0557186		0.03	<10	<10	221	<10	95		0.010
G0557187		0.12	<10	<10	56	<10	135	1.215	0.995
G0557188		<0.01	<10	<10	138	<10	786		0.103
G0557189		0.05	<10	<10	197	<10	83		<0.005
G0557190		0.09	<10	<10	184	<10	112		0.008
G0557191		0.10	<10	<10	186	<10	59		0.009
G0557192		0.11	<10	<10	178	<10	66		0.009
G0557193		0.10	<10	<10	205	<10	45		0.012
G0557194		0.03	<10	<10	207	<10	57		0.021
G0557195		<0.01	<10	10	2	<10	11		<0.005
G0557196		0.05	<10	<10	195	<10	81		0.014
G0557197		0.11	<10	<10	208	<10	29		0.008
G0557198		0.04	<10	<10	114	<10	69		0.009
G0557199		0.10	<10	<10	120	<10	227		0.021
G0557200		0.13	<10	<10	108	<10	45		<0.005

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To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2010
Account: F

CERTIFICATE WH10094794

Project: NIKKI

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
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

ANALYTICAL PROCEDURES

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

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
ATTN: JOAN MARIACHER
1016-510 W HASTINGS ST
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 28-JUL-2010
Account: F

Project: NIKKI

CERTIFICATE OF ANALYSIS WH10094794

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
G0557129		3.19	0.2	1.76	4	<10	100	<0.5	<2	1.24	<0.5	8	43	255	2.93	10
G0557130		8.47	0.2	1.20	6	<10	60	<0.5	<2	0.69	<0.5	8	33	469	2.63	<10
G0557131		8.00	0.4	1.17	<2	<10	100	<0.5	<2	0.71	<0.5	9	20	875	2.62	<10
G0557132		8.73	0.3	1.17	3	<10	190	<0.5	<2	1.03	<0.5	7	23	444	2.74	<10
G0557133		6.68	0.6	1.12	5	<10	190	<0.5	<2	1.22	<0.5	7	32	436	2.54	<10
G0557134		7.71	0.3	1.43	2	<10	160	<0.5	<2	2.59	<0.5	8	18	255	3.08	<10
G0557135		10.08	0.2	1.24	2	<10	90	<0.5	<2	1.41	<0.5	8	22	351	2.56	10
G0557136		8.59	0.3	1.94	2	<10	80	<0.5	<2	2.66	<0.5	15	34	434	3.80	10
G0557137		9.61	0.5	1.34	3	<10	120	<0.5	<2	2.72	<0.5	9	15	425	3.97	<10
G0557138		10.00	0.7	3.04	4	<10	150	0.6	<2	4.73	<0.5	17	17	231	5.80	10
G0557139		0.22	2.1	1.51	28	<10	60	<0.5	<2	1.81	0.6	16	63	1980	3.99	<10
G0557140		9.74	0.6	1.56	3	<10	160	<0.5	<2	3.12	<0.5	11	24	297	2.88	<10
G0557141		8.74	0.8	1.15	2	<10	90	<0.5	<2	3.39	0.7	9	13	459	2.38	<10
G0557142		9.12	0.7	1.09	4	<10	100	<0.5	<2	3.53	0.9	8	13	263	2.27	<10
G0557143		9.44	0.5	1.18	3	<10	110	<0.5	<2	2.33	0.5	11	27	308	2.51	<10
G0557144		9.40	0.3	1.21	<2	<10	110	<0.5	<2	2.31	<0.5	6	17	364	1.98	<10
G0557145		2.39	0.2	0.05	<2	<10	10	<0.5	<2	19.9	<0.5	1	<1	1	0.39	<10
G0557146		9.85	0.6	1.17	2	<10	70	<0.5	<2	2.39	<0.5	9	32	425	2.16	<10
G0557147		8.84	0.4	1.11	<2	<10	70	<0.5	<2	2.59	<0.5	8	16	241	2.00	<10
G0557148		4.71	0.2	1.24	2	<10	50	<0.5	<2	2.10	<0.5	5	23	76	2.33	<10
G0557149		5.23	0.4	1.27	4	<10	40	<0.5	<2	2.09	<0.5	6	32	305	2.31	<10
G0557150		2.22	0.2	1.26	2	<10	40	<0.5	<2	1.84	<0.5	6	19	331	2.25	<10
G0557151		4.48	0.2	1.15	3	<10	60	<0.5	<2	1.95	<0.5	8	16	243	1.71	<10
G0557152		5.28	0.2	1.28	2	<10	80	<0.5	<2	1.68	<0.5	7	33	269	2.20	<10
G0557153		0.23	4.9	1.55	22	<10	80	<0.5	3	0.75	1.9	11	45	>10000	3.61	<10
G0557154		4.49	0.3	1.38	2	<10	60	<0.5	<2	2.52	<0.5	7	18	284	2.10	<10
G0557155		4.10	0.3	1.24	<2	<10	50	<0.5	<2	1.80	<0.5	8	21	303	2.32	<10
G0557156		4.48	0.8	1.38	3	<10	50	<0.5	<2	2.36	1.0	7	35	124	2.38	<10
G0557157		2.43	<0.2	0.05	<2	<10	10	<0.5	2	19.0	<0.5	2	1	8	0.42	<10
G0557158		4.14	1.1	2.17	2	<10	50	<0.5	<2	3.19	10.2	23	86	522	3.86	10
G0557159		4.65	0.8	1.80	3	<10	60	<0.5	<2	2.97	10.1	10	62	466	2.74	10
G0557160		4.04	0.2	1.29	2	<10	60	<0.5	<2	2.08	<0.5	7	19	91	2.41	<10
G0557161		5.24	0.3	1.30	6	<10	90	<0.5	<2	2.51	<0.5	9	19	62	2.33	<10
G0557162		5.94	0.2	1.25	3	<10	60	<0.5	<2	1.93	<0.5	8	36	142	1.97	<10
G0557163		4.20	<0.2	1.35	<2	<10	110	<0.5	<2	1.76	<0.5	7	25	82	2.37	<10
G0557164		5.32	0.3	1.27	3	<10	30	<0.5	<2	2.51	<0.5	8	20	153	1.93	<10

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To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2010
Account: F

Project: NIKKI

CERTIFICATE OF ANALYSIS WH10094794

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
G0557129		<1	0.15	10	1.01	528	1	0.12	17	730	<2	0.31	<2	3	67	<20
G0557130		<1	0.10	10	0.91	383	2	0.06	8	670	<2	0.79	<2	3	39	<20
G0557131		<1	0.11	10	0.93	435	2	0.06	8	650	9	1.36	<2	3	37	<20
G0557132		1	0.11	10	0.89	344	2	0.07	7	670	<2	0.65	<2	3	44	<20
G0557133		<1	0.14	10	0.84	408	2	0.05	7	670	2	0.80	<2	3	43	<20
G0557134		<1	0.16	10	0.97	1050	2	0.03	9	660	2	0.81	<2	4	67	<20
G0557135		<1	0.10	10	0.92	369	1	0.06	7	650	7	1.26	<2	3	91	<20
G0557136		1	0.11	10	1.47	788	1	0.11	13	670	2	1.05	<2	11	134	<20
G0557137		<1	0.19	10	1.13	1360	12	0.04	8	750	<2	1.64	<2	4	156	<20
G0557138		<1	0.21	10	1.74	2940	4	0.06	13	1170	9	0.72	<2	9	303	<20
G0557139		<1	0.49	20	0.81	372	160	0.05	13	720	19	2.04	7	6	73	<20
G0557140		<1	0.21	10	1.01	1225	9	0.03	8	780	27	1.70	<2	3	341	<20
G0557141		<1	0.19	10	0.75	935	7	0.04	7	620	4	3.07	<2	2	394	<20
G0557142		<1	0.18	10	0.72	1230	20	0.06	8	640	17	2.07	<2	2	285	<20
G0557143		<1	0.15	10	0.82	890	3	0.06	8	660	15	2.16	<2	2	288	<20
G0557144		<1	0.13	10	0.82	580	8	0.07	6	550	2	1.83	<2	2	396	<20
G0557145		<1	0.02	<10	11.95	193	<1	0.01	<1	240	<2	<0.01	<2	<1	58	<20
G0557146		<1	0.15	10	0.82	722	3	0.07	6	590	14	2.01	<2	2	156	<20
G0557147		<1	0.13	10	0.77	635	2	0.06	6	570	3	1.92	<2	2	201	<20
G0557148		<1	0.12	10	0.91	616	1	0.06	6	610	<2	0.85	<2	2	103	<20
G0557149		<1	0.13	10	0.85	608	3	0.05	6	630	9	1.25	<2	2	122	<20
G0557150		<1	0.12	10	0.84	525	2	0.06	6	620	8	1.03	<2	2	106	<20
G0557151		<1	0.12	10	0.80	458	2	0.04	7	570	<2	1.49	<2	2	135	<20
G0557152		<1	0.10	10	0.86	541	2	0.06	7	600	<2	0.71	<2	2	132	<20
G0557153		<1	0.13	<10	0.67	402	200	0.08	26	550	36	1.82	22	5	41	<20
G0557154		<1	0.15	10	0.81	829	2	0.04	6	580	5	1.29	<2	2	136	<20
G0557155		<1	0.10	10	0.85	542	2	0.05	7	600	<2	0.63	<2	2	90	<20
G0557156		<1	0.14	10	0.88	951	1	0.05	8	590	10	1.57	<2	2	98	<20
G0557157		<1	0.02	<10	11.80	198	<1	0.01	<1	810	<2	<0.01	<2	<1	59	<20
G0557158		<1	0.16	10	1.69	1990	1	0.03	43	830	129	2.64	<2	4	117	<20
G0557159		<1	0.13	10	1.27	1325	1	0.05	35	650	44	1.27	<2	4	117	<20
G0557160		<1	0.13	10	0.90	727	1	0.04	7	600	4	0.94	<2	2	93	<20
G0557161		<1	0.15	10	0.90	1045	1	0.04	7	600	13	1.22	<2	2	114	<20
G0557162		<1	0.11	10	0.89	607	1	0.05	7	610	<2	0.77	<2	2	90	<20
G0557163		<1	0.09	10	0.91	615	1	0.06	7	620	<2	0.81	<2	2	102	<20
G0557164		<1	0.14	<10	0.88	1200	2	0.05	10	600	4	1.07	<2	2	108	<20

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-JUL-2010
Account: F

Project: NIKKI

CERTIFICATE OF ANALYSIS WH10094794

Sample Description	Method Analyte Units LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Cu-OG46 Cu % 0.001	Au-AA24 Au ppm 0.005
G0557129		0.06	<10	<10	85	<10	54		0.015
G0557130		0.03	<10	<10	48	<10	39		0.030
G0557131		0.01	<10	<10	41	<10	69		0.042
G0557132		0.01	<10	<10	49	<10	33		0.030
G0557133		<0.01	<10	<10	44	<10	40		0.028
G0557134		<0.01	<10	<10	47	<10	84		0.015
G0557135		0.02	<10	<10	46	<10	33		0.014
G0557136		0.01	<10	<10	99	<10	71		0.012
G0557137		<0.01	<10	<10	52	<10	106		0.014
G0557138		<0.01	<10	<10	126	<10	369		0.006
G0557139		0.04	<10	<10	58	<10	64		0.209
G0557140		<0.01	<10	<10	41	<10	117		0.039
G0557141		<0.01	<10	<10	24	<10	214		0.018
G0557142		<0.01	<10	<10	25	<10	237		0.025
G0557143		<0.01	<10	<10	32	<10	153		0.101
G0557144		<0.01	<10	<10	30	<10	32		0.008
G0557145		<0.01	<10	<10	2	<10	12		<0.005
G0557146		<0.01	<10	<10	32	<10	82		0.011
G0557147		<0.01	<10	<10	28	<10	81		0.007
G0557148		<0.01	<10	<10	37	<10	39		0.035
G0557149		<0.01	<10	<10	34	<10	58		0.013
G0557150		<0.01	<10	<10	36	<10	41		0.007
G0557151		<0.01	<10	<10	25	<10	29		0.006
G0557152		0.02	<10	<10	36	<10	35		<0.005
G0557153		0.12	<10	<10	57	<10	128	1.320	0.946
G0557154		<0.01	<10	<10	33	<10	96		0.005
G0557155		<0.01	<10	<10	41	<10	53		<0.005
G0557156		<0.01	<10	<10	29	<10	260		0.008
G0557157		<0.01	<10	<10	2	<10	13		<0.005
G0557158		<0.01	<10	<10	49	<10	2090		0.027
G0557159		<0.01	<10	<10	50	<10	1870		0.017
G0557160		<0.01	<10	<10	37	<10	66		<0.005
G0557161		<0.01	<10	<10	34	<10	84		0.011
G0557162		0.01	<10	<10	40	<10	61		<0.005
G0557163		0.02	<10	<10	46	<10	40		<0.005
G0557164		<0.01	<10	<10	35	<10	165		0.030

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

Finalized Date: 8-JUL-2010
Account: MTT

CERTIFICATE VA10086242

Project: NIKKI

P.O. No.:

This report is for 110 Soil samples submitted to our lab in Vancouver, BC, Canada on 28-JUN-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-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
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: NIKKI

Finalized Date: 8-JUL-2010
Account: MTT

CERTIFICATE OF ANALYSIS VA10086242

Method	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
Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Sample Description LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC82341	0.26	0.024	0.3	4.18	19	<10	130	0.7	<2	1.83	<0.5	41	62	141	5.39
CC82342	0.26	0.005	<0.2	3.26	4	<10	40	<0.5	<2	1.78	<0.5	14	38	56	3.35
CC82343	0.24	0.056	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC82344	0.24	0.008	0.3	5.44	18	<10	130	0.5	<2	5.19	<0.5	24	66	137	4.18
CC82345	0.22	0.049	1.2	4.17	53	<10	150	0.6	<2	1.82	1.6	35	71	192	6.16
CC82346	0.22	0.273	1.6	3.41	39	<10	190	0.7	<2	0.49	0.7	48	62	236	7.72
CC82347	0.24	0.026	0.5	3.62	10	<10	100	0.5	<2	0.94	<0.5	35	127	139	7.42
CC82348	0.26	0.107	1.0	4.20	32	<10	90	0.6	<2	1.10	0.8	49	95	219	12.50
CC82349	0.22	0.021	0.3	3.57	15	<10	80	<0.5	<2	1.55	0.6	29	84	131	4.63
CC82350	0.24	0.012	0.2	4.15	11	<10	130	0.6	<2	1.11	<0.5	28	94	143	5.22
CC82351	0.26	0.012	0.2	3.75	19	<10	170	0.6	<2	1.30	<0.5	29	87	91	4.62
CC82352	0.20	0.008	<0.2	3.58	14	<10	130	0.6	<2	1.71	<0.5	24	49	104	4.07
CC82353	0.26	0.017	<0.2	4.56	59	<10	70	0.6	<2	2.02	<0.5	21	34	133	4.58
CC82354	0.24	NSS	0.2	3.34	25	<10	170	0.6	<2	0.94	<0.5	33	59	121	5.37
CC82355	0.26	0.032	1.3	4.00	68	<10	140	1.4	<2	1.04	4.1	43	56	255	5.54
CC82356	0.26	0.018	0.2	4.21	26	<10	130	1.0	<2	1.22	0.5	36	53	141	5.24
CC82357	0.18	0.029	<0.2	3.33	38	<10	100	0.7	<2	1.82	0.6	31	42	123	4.12
CC82358	0.24	0.020	0.4	4.36	35	<10	80	0.9	<2	2.07	0.7	45	47	182	4.62
CC82382	0.28	0.022	0.3	4.49	28	<10	150	0.8	<2	2.18	<0.5	35	49	156	4.71
CC82383	0.26	0.104	1.1	4.08	1120	<10	80	0.6	<2	3.74	2.1	59	62	235	6.58
CC82384	0.22	0.022	0.9	6.31	57	<10	160	0.8	<2	3.78	0.9	39	35	129	4.40
CC82385	0.24	0.016	0.4	4.99	67	<10	80	0.7	<2	2.57	<0.5	30	32	144	5.28
CC82386	0.22	0.019	0.9	4.97	33	<10	110	0.7	<2	2.06	0.9	33	96	152	5.65
CC82387	0.22	0.011	0.3	4.85	24	<10	120	0.6	<2	2.06	0.6	32	103	130	5.26
CC82388	0.24	0.013	<0.2	4.79	17	<10	110	0.6	<2	2.07	<0.5	35	77	138	5.65
CC82389	0.24	0.014	0.3	4.40	17	<10	150	0.6	<2	1.93	<0.5	30	64	129	5.18
CC82405	0.20	0.020	<0.2	4.06	44	<10	200	0.9	<2	1.38	<0.5	34	47	181	5.49
CC82406	0.22	0.043	0.5	4.35	34	<10	160	0.6	<2	1.92	0.7	32	48	171	4.56
CC82407	0.24	0.036	0.3	4.89	18	20	110	0.5	<2	3.04	0.6	27	59	162	3.67
CC82408	0.20	0.062	0.9	5.46	14	<10	100	<0.5	<2	3.16	0.6	60	61	369	5.18
CC82409	0.22	0.021	0.2	4.10	12	<10	130	0.6	<2	2.61	<0.5	25	40	167	3.99
CC82410	0.24	0.045	0.5	4.83	103	<10	100	0.8	<2	2.82	<0.5	42	58	248	5.53
CC82411	0.22	0.031	0.2	4.14	40	<10	100	0.8	<2	1.60	0.7	39	52	192	5.75
CC82412	0.14	0.026	0.3	3.41	66	<10	140	0.6	<2	1.95	0.6	30	44	134	4.51
CC82413	0.18	0.019	0.8	3.28	77	<10	160	0.8	<2	1.00	1.3	38	50	126	4.93
CC82414	0.18	0.030	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC82415	0.22	0.032	1.0	3.39	47	<10	130	1.0	<2	1.15	3.0	39	54	160	4.83
CC82416	0.18	NSS	<0.2	3.97	21	<10	70	0.6	<2	0.94	0.5	26	90	101	5.87
CC82417	0.20	0.012	<0.2	3.61	21	<10	90	0.6	<2	0.71	<0.5	25	74	90	5.94
CC82418	0.26	0.066	0.5	3.04	44	<10	140	0.7	<2	1.05	0.8	32	50	162	5.93

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

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

Project: NIKKI

Finalized Date: 8-JUL-2010
Account: MTT

CERTIFICATE OF ANALYSIS VA10086242

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC82341		10	1	0.15	10	1.52	1055	1	0.06	59	940	19	0.09	<2	11	426
CC82342		10	1	0.08	10	1.73	644	<1	0.03	24	1020	8	0.05	<2	6	152
CC82343		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC82344		10	1	0.12	10	1.72	963	<1	0.02	47	670	16	0.20	<2	11	283
CC82345		10	1	0.13	10	2.10	1390	<1	0.05	63	930	52	0.58	<2	10	234
CC82346		10	1	0.21	20	1.92	1720	1	0.04	75	1210	46	0.48	<2	9	72
CC82347		10	2	0.11	10	2.58	1225	1	0.07	62	1190	21	0.39	<2	13	246
CC82348		20	2	0.13	10	2.02	1090	1	0.11	50	1770	31	0.59	<2	15	404
CC82349		10	<1	0.08	10	1.70	818	<1	0.04	46	930	22	0.07	3	9	259
CC82350		10	<1	0.16	10	2.76	1255	<1	0.02	44	650	11	0.06	<2	11	125
CC82351		10	<1	0.11	10	1.69	888	<1	0.05	63	950	15	0.04	<2	10	313
CC82352		10	<1	0.07	10	1.20	956	1	0.05	38	1180	20	0.11	<2	7	189
CC82353		10	<1	0.13	10	1.35	1090	<1	0.03	28	920	13	0.08	<2	10	230
CC82354		10	<1	0.14	10	1.69	910	1	0.03	52	950	17	0.04	<2	9	293
CC82355		10	<1	0.13	20	1.64	3340	<1	0.02	55	1280	142	0.05	<2	11	164
CC82356		10	<1	0.12	10	1.31	1260	1	0.04	59	1270	27	0.08	<2	7	208
CC82357		10	<1	0.12	10	1.05	951	1	0.04	41	1400	27	0.15	<2	5	169
CC82358		10	1	0.15	10	1.24	1090	1	0.05	51	1260	30	0.14	2	8	258
CC82382		10	<1	0.17	10	1.44	1375	<1	0.04	49	950	25	0.12	<2	8	440
CC82383		<10	<1	0.12	20	1.89	1645	1	0.01	52	1060	138	0.56	10	9	166
CC82384		10	<1	0.15	10	0.88	1060	2	0.02	46	630	80	0.12	<2	6	299
CC82385		10	<1	0.14	10	1.58	1110	<1	0.03	35	780	19	0.08	2	10	262
CC82386		10	<1	0.15	10	2.11	1450	<1	0.03	59	930	62	0.10	<2	12	288
CC82387		10	<1	0.14	10	2.20	1105	<1	0.07	74	880	31	0.10	4	11	379
CC82388		10	1	0.14	10	1.89	968	<1	0.07	60	810	25	0.12	<2	12	435
CC82389		10	<1	0.16	10	1.60	1045	<1	0.06	51	1040	16	0.09	<2	11	431
CC82405		10	<1	0.14	10	1.20	1040	1	0.02	46	1230	25	0.11	2	9	122
CC82406		10	<1	0.12	10	1.19	924	1	0.03	44	970	48	0.14	2	5	155
CC82407		10	<1	0.11	10	1.27	666	<1	0.06	40	740	26	0.15	<2	6	216
CC82408		10	1	0.10	10	1.98	964	<1	0.06	81	880	30	0.20	<2	8	248
CC82409		10	<1	0.13	10	1.26	749	1	0.04	30	1070	19	0.18	<2	7	181
CC82410		10	<1	0.25	20	1.55	1275	1	0.05	62	800	18	0.22	<2	13	284
CC82411		10	1	0.16	10	1.32	1035	2	0.03	59	1230	31	0.13	3	9	149
CC82412		10	<1	0.15	10	1.12	966	1	0.03	41	1290	22	0.17	<2	6	151
CC82413		10	<1	0.13	10	1.24	1370	1	0.02	47	1370	26	0.12	2	7	79
CC82414		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC82415		<10	<1	0.11	10	1.26	1730	1	0.04	49	1300	71	0.10	2	7	159
CC82416		10	<1	0.12	10	2.32	1240	<1	0.04	53	810	12	0.02	<2	12	217
CC82417		10	<1	0.11	10	2.19	1135	<1	0.03	51	860	17	0.02	<2	11	109
CC82418		10	<1	0.11	10	1.30	974	1	0.04	42	1130	21	0.13	<2	8	125

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Project: NIKKI

Finalized Date: 8-JUL-2010
Account: MTT

CERTIFICATE OF ANALYSIS VA10086242

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC82341		<20	0.19	<10	<10	112	<10	161
CC82342		<20	0.12	<10	<10	82	<10	59
CC82343		NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC82344		<20	0.11	<10	<10	124	<10	96
CC82345		<20	0.10	<10	<10	128	<10	384
CC82346		<20	0.01	<10	<10	120	<10	215
CC82347		<20	0.17	<10	<10	154	<10	157
CC82348		<20	0.16	<10	<10	171	<10	186
CC82349		<20	0.13	<10	<10	105	<10	139
CC82350		<20	0.14	<10	<10	134	<10	128
CC82351		<20	0.16	<10	<10	107	<10	99
CC82352		<20	0.09	<10	<10	100	<10	106
CC82353		<20	0.10	<10	<10	117	<10	100
CC82354		<20	0.23	<10	<10	98	<10	129
CC82355		<20	0.08	<10	<10	108	<10	839
CC82356		<20	0.10	<10	<10	111	<10	183
CC82357		<20	0.07	<10	<10	93	<10	149
CC82358		<20	0.06	<10	<10	108	<10	167
CC82382		<20	0.13	<10	<10	90	<10	132
CC82383		<20	0.04	<10	<10	111	<10	505
CC82384		<20	0.10	<10	<10	61	<10	187
CC82385		<20	0.15	<10	<10	108	<10	141
CC82386		<20	0.15	<10	<10	126	<10	331
CC82387		<20	0.16	<10	<10	125	<10	207
CC82388		<20	0.22	<10	<10	127	<10	174
CC82389		<20	0.21	<10	<10	119	<10	142
CC82405		<20	0.03	<10	<10	121	<10	141
CC82406		<20	0.05	<10	<10	104	<10	155
CC82407		<20	0.06	<10	<10	125	<10	115
CC82408		<20	0.09	<10	<10	126	<10	122
CC82409		<20	0.06	<10	<10	109	<10	95
CC82410		<20	0.04	<10	<10	116	<10	119
CC82411		<20	0.05	<10	<10	120	<10	201
CC82412		<20	0.05	<10	<10	102	<10	161
CC82413		<20	0.03	<10	<10	99	<10	183
CC82414		NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC82415		<20	0.08	<10	<10	103	<10	452
CC82416		<20	0.25	<10	<10	144	<10	260
CC82417		<20	0.24	<10	<10	130	<10	146
CC82418		<20	0.10	<10	<10	103	<10	140

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Project: NIKKI

Finalized Date: 8-JUL-2010
Account: MTT

CERTIFICATE OF ANALYSIS VA10086242

Method	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
Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Sample Description LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC82419	0.22	0.017	0.3	3.61	31	<10	130	0.8	<2	1.21	<0.5	25	65	115	4.89
CC82420	0.26	0.458	1.1	3.49	51	<10	180	0.8	<2	1.21	2.5	52	73	275	7.36
CC83691	0.18	0.028	0.7	4.39	39	<10	180	0.8	<2	2.35	0.9	28	65	163	4.81
CC83692	0.22	0.044	0.2	4.18	40	<10	110	1.0	<2	1.39	0.7	40	49	153	5.25
CC83693	0.22	0.025	0.2	2.70	48	<10	140	0.6	<2	0.92	<0.5	30	39	112	4.24
CC83694	0.24	0.058	0.2	5.17	40	<10	50	0.9	<2	2.44	<0.5	43	41	200	4.59
CC83695	0.24	0.023	0.2	4.10	47	<10	80	0.7	<2	2.14	0.6	34	57	181	4.63
CC83696	0.24	0.019	0.2	4.01	7	<10	80	0.5	<2	1.99	<0.5	18	41	102	4.08
CC83697	0.22	NSS	0.7	4.28	29	<10	120	0.7	<2	1.96	0.5	34	51	178	5.51
CC83698	0.22	0.017	0.4	4.40	21	<10	120	0.7	<2	2.01	<0.5	37	66	139	5.41
CC83699	0.20	0.019	0.3	4.25	50	10	80	1.1	<2	2.75	<0.5	58	41	324	7.32
CC83700	0.22	0.020	0.3	4.63	50	<10	60	0.8	<2	2.46	<0.5	41	46	215	4.92
CC83501	0.20	0.029	0.3	3.49	33	<10	130	0.6	<2	1.33	<0.5	28	51	125	4.83
CC83502	0.24	0.018	0.5	3.06	37	<10	180	0.7	<2	0.94	<0.5	34	39	114	4.77
CC83503	0.26	0.021	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC83504	0.20	0.049	1.2	4.18	56	<10	150	1.0	<2	2.49	1.2	52	41	230	7.46
CC83505	0.24	0.037	0.9	4.61	40	<10	100	0.7	<2	2.20	0.8	37	85	211	5.81
CC83506	0.26	0.033	1.2	4.69	62	<10	120	0.7	<2	2.04	0.6	39	74	258	6.89
CC83507	0.28	0.143	1.5	5.33	2210	<10	60	0.9	<2	2.72	13.5	36	25	124	6.54
CC83508	0.22	0.025	0.7	3.17	63	<10	130	0.7	<2	1.55	1.1	31	66	132	4.57
CC83509	0.22	0.026	0.2	3.73	25	<10	110	0.6	<2	1.76	0.5	29	85	129	4.47
CC83510	0.16	0.015	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC83511	0.26	0.076	0.4	4.30	18	<10	250	0.8	<2	2.31	<0.5	32	42	158	4.19
CC83512	0.24	0.023	0.6	3.99	56	<10	70	0.9	<2	1.46	0.7	56	49	255	6.88
CC83513	0.20	0.009	0.2	3.40	30	<10	90	0.5	<2	1.95	0.5	24	43	128	3.79
CC83514	0.30	0.032	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC83515	0.26	0.044	0.3	4.75	14	<10	110	<0.5	<2	2.72	<0.5	33	65	189	4.27
CC83516	0.28	0.069	0.7	4.45	35	<10	270	1.1	<2	3.46	0.5	73	54	672	6.57
CC83517	0.30	0.065	0.5	4.28	32	<10	110	0.8	<2	1.99	<0.5	33	51	198	5.01
CC83518	0.26	0.016	0.3	3.08	25	<10	120	0.5	<2	1.23	<0.5	27	42	116	4.00
CC83651	0.20	NSS	0.9	3.69	26	<10	90	<0.5	<2	1.17	0.6	34	58	185	6.05
CC83652	0.26	0.042	0.5	4.02	23	<10	160	0.8	<2	1.05	<0.5	50	76	233	10.20
CC83653	0.26	0.475	10.2	4.20	100	<10	140	0.7	<2	1.41	1.8	47	45	380	7.67
CC83654	0.20	0.660	4.9	2.80	211	<10	130	0.5	3	0.70	2.3	41	54	439	7.60
CC83655	0.20	0.186	4.7	3.19	869	<10	140	<0.5	11	1.07	2.9	50	54	263	7.45
CC83656	0.24	0.132	4.7	3.08	1190	<10	180	0.5	7	0.91	4.7	94	63	311	7.49
CC83657	0.14	0.054	0.8	2.53	102	<10	190	0.7	<2	0.77	0.8	48	40	205	5.75
CC83658	0.22	0.028	0.2	3.74	30	<10	60	<0.5	<2	1.48	<0.5	27	151	89	4.10
CC83659	0.20	0.008	0.2	4.26	12	<10	90	<0.5	<2	1.92	<0.5	26	138	100	4.05
CC83660	0.26	0.017	0.9	4.34	64	<10	260	0.9	<2	1.28	<0.5	46	59	218	5.89

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC82419		10	<1	0.11	10	1.56	1105	1	0.02	39	1260	19	0.12	<2	8	101
CC82420		10	<1	0.13	10	1.59	1145	1	0.04	83	1210	87	0.12	<2	10	177
CC83691		10	1	0.14	10	1.56	1020	1	0.04	53	1370	40	0.15	2	10	206
CC83692		10	<1	0.12	10	1.12	1025	1	0.03	54	1320	30	0.09	<2	6	150
CC83693		10	<1	0.10	10	1.00	991	1	0.03	39	1170	26	0.12	<2	5	84
CC83694		10	1	0.19	10	1.16	970	1	0.05	54	840	17	0.06	<2	10	194
CC83695		10	1	0.16	10	1.36	1045	<1	0.04	51	1100	27	0.10	<2	9	161
CC83696		10	1	0.11	10	1.65	1050	<1	0.02	29	1070	26	0.09	<2	7	163
CC83697		10	1	0.14	10	1.51	1320	1	0.04	49	930	62	0.37	<2	10	360
CC83698		10	1	0.14	10	1.56	1120	<1	0.07	60	1140	17	0.10	<2	11	478
CC83699		10	1	0.29	20	1.25	1290	2	0.07	81	710	15	0.15	<2	29	339
CC83700		10	1	0.17	10	1.25	1020	1	0.05	58	830	25	0.16	<2	10	247
CC83501		10	1	0.14	10	1.19	932	1	0.04	52	730	32	0.14	<2	6	218
CC83502		10	1	0.13	10	1.05	1170	1	0.03	41	950	42	0.12	<2	5	189
CC83503		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC83504		10	1	0.16	10	1.18	1380	2	0.05	69	870	52	0.35	<2	8	385
CC83505		10	1	0.15	10	1.93	1300	1	0.04	73	990	32	0.16	<2	11	276
CC83506		10	1	0.37	10	1.73	1845	<1	0.07	63	950	49	0.47	<2	12	353
CC83507		10	1	0.16	10	0.94	1380	1	0.02	37	1050	170	0.09	<2	5	136
CC83508		10	1	0.13	10	1.21	1440	1	0.04	51	1160	42	0.17	<2	7	182
CC83509		10	1	0.12	10	1.67	1335	<1	0.04	63	880	28	0.15	<2	9	255
CC83510		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC83511		10	1	0.17	10	1.37	1595	<1	0.04	44	750	22	0.07	<2	8	490
CC83512		10	1	0.16	30	1.66	1590	1	0.03	68	940	59	0.11	<2	16	171
CC83513		10	1	0.12	10	1.01	692	1	0.04	37	950	28	0.17	<2	6	134
CC83514		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC83515		10	1	0.11	10	1.77	835	<1	0.08	61	810	25	0.15	<2	8	249
CC83516		20	<1	0.17	30	1.12	1270	3	0.04	65	840	30	0.32	<2	12	172
CC83517		10	1	0.13	20	1.30	907	1	0.05	57	970	29	0.12	<2	9	157
CC83518		10	2	0.12	10	1.05	914	1	0.04	35	1150	32	0.13	<2	5	116
CC83651		10	1	0.10	10	1.83	1020	2	0.08	47	1100	32	0.13	<2	11	309
CC83652		10	<1	0.17	10	1.61	850	2	0.07	68	1620	24	0.42	<2	11	199
CC83653		10	1	0.14	20	1.97	2050	3	0.04	76	1090	101	0.24	<2	11	146
CC83654		10	1	0.12	10	1.52	1360	2	0.05	51	1260	84	0.37	<2	8	150
CC83655		10	1	0.12	10	1.66	1365	1	0.04	54	1000	108	0.26	<2	9	212
CC83656		10	1	0.17	10	1.71	1710	1	0.06	59	1040	128	0.46	<2	9	172
CC83657		10	1	0.17	10	0.88	1365	1	0.04	45	2260	56	0.29	<2	4	77
CC83658		10	1	0.09	10	2.02	836	<1	0.08	70	760	13	0.04	<2	9	304
CC83659		10	1	0.11	10	2.09	1110	<1	0.07	68	810	13	0.04	<2	9	389
CC83660		10	1	0.44	20	1.79	1280	<1	0.06	68	1010	73	0.03	<2	13	746

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

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

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

Project: NIKKI

CERTIFICATE OF ANALYSIS VA10086242

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC82419		<20	0.07	<10	<10	105	<10	124
CC82420		<20	0.15	<10	<10	123	<10	394
CC83691		<20	0.08	<10	<10	107	<10	230
CC83692		<20	0.08	<10	<10	109	<10	192
CC83693		<20	0.05	<10	<10	98	<10	134
CC83694		<20	0.06	<10	<10	111	<10	139
CC83695		<20	0.08	<10	<10	118	<10	165
CC83696		<20	0.10	<10	<10	90	<10	144
CC83697		<20	0.11	<10	<10	114	<10	264
CC83698		<20	0.18	<10	<10	120	<10	156
CC83699		<20	0.03	<10	<10	164	<10	182
CC83700		<20	0.07	<10	<10	117	<10	204
CC83501		<20	0.08	<10	<10	92	<10	188
CC83502		<20	0.05	<10	<10	89	<10	192
CC83503		NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC83504		<20	0.14	<10	<10	91	<10	355
CC83505		<20	0.15	<10	<10	120	<10	305
CC83506		<20	0.06	<10	<10	137	<10	268
CC83507		<20	0.06	<10	<10	70	<10	2640
CC83508		<20	0.08	<10	<10	89	<10	291
CC83509		<20	0.10	<10	<10	98	<10	197
CC83510		NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC83511		<20	0.17	<10	<10	74	<10	125
CC83512		<20	0.04	<10	<10	133	<10	272
CC83513		<20	0.05	<10	<10	93	<10	121
CC83514		NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC83515		<20	0.08	<10	<10	147	<10	118
CC83516		<20	0.02	<10	<10	119	<10	142
CC83517		<20	0.05	<10	<10	111	<10	138
CC83518		<20	0.06	<10	<10	96	<10	137
CC83651		<20	0.13	<10	<10	134	<10	200
CC83652		<20	0.14	<10	<10	136	<10	120
CC83653		<20	0.09	<10	<10	121	<10	463
CC83654		<20	0.07	<10	<10	105	<10	494
CC83655		<20	0.07	<10	<10	106	<10	617
CC83656		<20	0.03	<10	<10	93	<10	874
CC83657		<20	0.03	<10	<10	80	<10	247
CC83658		<20	0.12	<10	<10	109	<10	109
CC83659		<20	0.11	<10	<10	109	<10	85
CC83660		<20	0.14	<10	<10	122	<10	200

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: NIKKI

Finalized Date: 8-JUL-2010
Account: MTT

CERTIFICATE OF ANALYSIS VA10086242

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
CC83661		0.20	0.013	<0.2	3.28	20	<10	130	0.6	<2	0.97	<0.5	21	37	100	4.04
CC83662		0.24	0.011	0.2	3.80	37	<10	150	0.5	<2	1.32	<0.5	35	94	150	4.29
CC83663		0.24	0.027	<0.2	3.11	29	<10	90	0.6	<2	1.15	<0.5	30	44	127	4.50
CC83664		0.22	0.020	<0.2	3.88	36	<10	110	0.8	<2	1.51	<0.5	38	48	239	4.73
CC83665		0.22	0.114	0.3	3.13	43	<10	110	0.6	<2	1.16	0.5	40	47	182	4.61
CC83666		0.24	0.011	0.2	0.86	33	<10	40	<0.5	<2	0.43	<0.5	20	14	49	2.51
CC83667		0.22	0.010	0.5	2.86	33	<10	140	0.7	<2	1.01	<0.5	30	46	167	4.00
CC83668		0.22	0.070	5.9	3.49	96	<10	110	0.6	11	1.27	<0.5	38	64	707	5.24
CC83669		0.28	0.009	<0.2	3.17	13	<10	90	<0.5	<2	1.22	<0.5	23	119	103	3.49
CC83670		0.24	0.065	1.8	2.92	123	<10	170	0.8	<2	0.65	0.9	71	43	455	7.01
CC83671		0.20	0.049	3.1	3.34	94	<10	110	0.7	2	0.99	0.5	57	47	640	6.18
CC83672		0.24	0.155	2.0	3.21	154	<10	250	0.9	<2	0.71	0.8	59	34	505	7.16
CC83673		0.26	0.074	1.1	2.69	315	<10	200	0.6	<2	0.67	1.7	68	46	337	7.13
CC83674		0.28	0.055	1.7	5.36	57	<10	60	0.5	<2	2.19	1.4	48	51	466	9.07
CC83675		0.24	0.072	0.3	3.07	48	<10	100	0.5	<2	0.99	0.7	33	36	156	4.97
CC83676		0.24	0.022	0.5	3.74	24	<10	70	<0.5	<2	1.48	0.8	34	64	186	5.06
CC83677		0.26	0.086	1.9	4.08	83	<10	140	0.7	<2	1.70	2.1	80	79	367	10.35
CC83678		0.26	0.018	0.4	3.09	23	<10	90	0.5	<2	1.09	<0.5	25	83	112	4.69
CC83679		0.26	0.042	0.8	3.86	26	<10	90	0.6	<2	1.60	0.8	50	48	525	7.81
CC83680		0.24	0.013	<0.2	3.17	32	<10	140	0.6	<2	0.63	<0.5	33	48	154	4.99
CC83681		0.22	0.081	0.9	3.51	86	<10	130	0.6	<2	0.82	0.7	46	55	261	6.89
CC83682		0.20	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC83683		0.20	0.024	0.5	3.38	66	<10	160	0.8	<2	0.72	<0.5	37	51	172	4.96
CC83684		0.26	0.015	0.3	3.89	48	<10	150	0.7	<2	0.89	<0.5	36	70	182	5.41
CC83685		0.18	0.009	0.3	2.66	26	<10	110	0.5	<2	0.91	<0.5	27	41	137	4.03
CC83686		0.22	0.021	0.3	3.21	144	<10	60	0.6	<2	0.52	<0.5	33	68	231	7.01
CC83687		0.20	0.023	0.5	2.52	40	<10	120	0.6	<2	0.89	<0.5	30	36	186	4.00
CC83688		0.26	0.390	0.3	3.10	25	<10	150	0.5	<2	0.53	<0.5	23	44	113	4.44
CC83689		0.24	0.189	1.2	3.75	114	<10	80	0.6	<2	0.92	0.7	29	36	211	7.20
CC83690		0.18	NSS	0.5	2.71	16	<10	110	0.5	<2	1.95	0.7	19	50	95	3.42

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

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

Project: NIKKI

Finalized Date: 8-JUL-2010
Account: MTT

CERTIFICATE OF ANALYSIS VA10086242

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC83661		10	1	0.08	10	1.02	900	<1	0.04	35	1310	14	0.09	<2	5	141
CC83662		10	1	0.13	10	1.96	1435	<1	0.03	71	870	15	0.02	<2	11	275
CC83663		10	1	0.16	10	1.27	819	<1	0.04	46	910	19	0.03	<2	8	303
CC83664		10	1	0.20	10	1.37	882	1	0.04	57	1070	13	0.06	<2	9	260
CC83665		10	1	0.17	10	1.37	949	<1	0.05	47	930	24	0.03	<2	8	273
CC83666		<10	<1	0.03	<10	0.33	335	<1	0.02	9	440	6	0.04	<2	2	30
CC83667		10	1	0.15	10	1.24	934	<1	0.05	46	1200	9	0.09	<2	7	148
CC83668		10	1	0.16	10	1.63	1005	1	0.05	66	910	57	0.09	<2	10	271
CC83669		10	1	0.08	10	1.83	776	<1	0.06	67	770	11	0.03	<2	7	248
CC83670		10	1	0.13	20	1.29	1755	1	0.03	79	1110	29	0.06	<2	13	76
CC83671		10	1	0.22	10	1.34	1075	1	0.05	71	1240	33	0.06	<2	11	379
CC83672		10	1	0.17	30	1.32	2360	1	0.03	69	1130	36	0.09	<2	15	47
CC83673		10	1	0.14	20	1.40	1540	1	0.03	51	1200	48	0.24	<2	10	120
CC83674		10	1	0.13	10	1.59	1235	<1	0.02	41	1020	67	0.17	<2	16	176
CC83675		10	1	0.10	10	1.02	1080	1	0.03	35	1140	38	0.14	<2	5	118
CC83676		10	1	0.09	10	3.04	1105	<1	0.06	138	820	35	0.09	<2	9	200
CC83677		10	1	0.12	10	1.55	1510	2	0.03	101	1160	73	0.21	<2	13	297
CC83678		10	1	0.07	10	2.01	933	<1	0.02	47	960	16	0.09	<2	9	97
CC83679		10	1	0.16	10	1.71	1220	4	0.04	67	1140	63	0.28	<2	14	304
CC83680		10	1	0.08	10	1.22	992	1	0.04	55	1060	17	0.08	<2	7	116
CC83681		10	1	0.10	10	1.47	1295	2	0.04	49	1080	40	0.13	2	9	178
CC83682		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC83683		10	1	0.20	20	1.30	1085	1	0.04	45	1060	12	0.08	3	8	71
CC83684		10	1	0.81	10	1.99	579	1	0.09	49	970	5	0.02	3	14	255
CC83685		10	1	0.11	10	1.15	851	1	0.04	42	1160	14	0.11	<2	5	130
CC83686		10	<1	0.20	10	1.82	778	<1	0.07	61	1020	18	0.05	3	11	80
CC83687		10	1	0.17	10	0.96	806	1	0.04	35	990	11	0.10	2	5	117
CC83688		10	<1	0.10	10	0.97	805	1	0.03	42	1000	18	0.10	<2	4	90
CC83689		10	<1	0.13	10	1.45	1990	1	0.02	38	1050	56	0.12	2	8	121
CC83690		10	<1	0.12	10	1.10	759	<1	0.03	35	1370	24	0.15	<2	6	117

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VANCOUVER BC V6B 1L8

Project: NIKKI

Finalized Date: 8-JUL-2010
Account: MTT

CERTIFICATE OF ANALYSIS VA10086242

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC83661		<20	0.10	<10	<10	100	<10	86
CC83662		<20	0.05	<10	<10	100	<10	99
CC83663		<20	0.12	<10	<10	113	<10	106
CC83664		<20	0.15	<10	<10	114	<10	91
CC83665		<20	0.13	<10	<10	106	<10	149
CC83666		<20	0.08	<10	<10	63	<10	44
CC83667		<20	0.10	<10	<10	101	<10	89
CC83668		<20	0.11	<10	<10	117	<10	133
CC83669		<20	0.10	<10	<10	85	<10	81
CC83670		<20	0.05	<10	<10	112	<10	171
CC83671		<20	0.12	<10	<10	117	<10	175
CC83672		<20	0.02	<10	<10	104	<10	194
CC83673		<20	0.04	<10	<10	109	<10	332
CC83674		<20	0.09	<10	<10	143	<10	348
CC83675		<20	0.07	<10	<10	101	<10	289
CC83676		<20	0.13	<10	<10	117	<10	246
CC83677		<20	0.09	<10	<10	119	<10	308
CC83678		<20	0.16	<10	<10	112	<10	138
CC83679		<20	0.20	<10	<10	152	<10	231
CC83680		<20	0.09	<10	<10	112	<10	119
CC83681		<20	0.07	<10	<10	120	<10	222
CC83682		NSS	NSS	NSS	NSS	NSS	NSS	NSS
CC83683		<20	0.08	<10	<10	118	<10	83
CC83684		<20	0.15	<10	<10	145	<10	49
CC83685		<20	0.06	<10	<10	91	<10	91
CC83686		<20	0.06	<10	<10	140	<10	104
CC83687		<20	0.07	<10	<10	88	<10	64
CC83688		<20	0.08	<10	<10	99	<10	106
CC83689		<20	0.07	<10	<10	123	<10	267
CC83690		<20	0.06	<10	<10	74	<10	157

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VANCOUVER BC V6B 1L8

Project: NIKKI

Finalized Date: 8-JUL-2010
Account: MTT

CERTIFICATE OF ANALYSIS VA10086242

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

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Finalized Date: 8-JUL-2010
Account: MTT

CERTIFICATE VA10086240

Project: Nikki

P.O. No.:

This report is for 7 Rock samples submitted to our lab in Vancouver, BC, Canada on 28-JUN-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

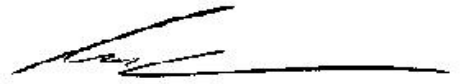
ANALYTICAL PROCEDURES

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

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

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VA10086240

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
C491326		3.88	0.041	98.0	3.02	281	<10	10	<0.5	226	7.9	6.4	14	40	2650	6.75
C491327		1.12	0.101	4.9	4.34	53	<10	30	<0.5	8	0.37	1.5	62	83	578	19.7
C491328		0.62	0.006	0.6	3.23	4	<10	20	<0.5	<2	3.65	<0.5	25	81	500	5.80
C491329		1.00	0.487	>100	0.62	2770	<10	10	<0.5	243	0.19	5.8	13	17	1895	15.8
C491330		0.84	0.018	17.6	3.24	31	<10	30	<0.5	5	2.36	6.1	18	25	6200	6.91
C491331		0.76	0.677	>100	0.97	3120	<10	<10	<0.5	284	0.18	5.8	16	65	1410	22.2
C491332		0.72	1.525	34.9	1.94	>10000	<10	60	<0.5	36	20.4	30.1	84	4	3430	5.74

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

Project: Nikki

Finalized Date: 8-JUL-2010
Account: MTT

CERTIFICATE OF ANALYSIS VA10086240

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
C491326		<10	1	0.05	<10	1.40	1960	8	<0.01	21	260	411	1.68	6	7	34
C491327		<10	<1	0.16	<10	2.25	1110	<1	<0.01	26	1230	18	>10.0	<2	11	13
C491328		10	2	0.08	<10	2.20	1125	1	0.06	40	830	26	0.09	<2	16	48
C491329		<10	1	0.02	<10	0.12	114	8	0.05	3	220	2570	0.41	25	2	14
C491330		<10	<1	0.18	10	1.32	2630	1	<0.01	20	460	22	0.65	<2	5	15
C491331		<10	3	0.06	10	0.24	347	12	0.75	11	470	1210	2.64	29	4	204
C491332		<10	<1	0.06	10	0.53	10250	17	<0.01	38	170	346	1.9	26	4	160

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CERTIFICATE OF ANALYSIS VA10086240

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
C491326		<20	0.02	<10	<10	60	<10	1360	
C491327		<20	0.01	<10	<10	137	<10	393	
C491328		<20	0.17	<10	<10	158	<10	163	
C491329		<20	0.01	<10	<10	34	<10	1070	117
C491330		<20	0.01	<10	<10	49	<10	1305	
C491331		<20	0.01	<10	<10	48	<10	1495	105
C491332		<20	<0.01	<10	<10	17	<10	5900	

APPENDIX III

ROCK SAMPLE DESCRIPTIONS

Rock Sample Descriptions Project: Nikki Property: Nikki

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
C491326	UTM: 501077	E	UTM: 6880603	N	Sample Width:	Abundance: moderate
	Elevation:	m				

Comments: Grab sample of fine grained, homogeneous ultramafic dyke. Hosts calcite, malachite and pyrite.

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
C491327	UTM: 501017	E	UTM: 6880693	N	Sample Width: 0.5	Abundance:
	Elevation:	m				

Comments: Chip sample across full 0.5 m dyke. Chlorite and actinolite ? Black to green, fine grained.

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
C491328	UTM: 501489	E	UTM: 6880254	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: Grab sample from talus. Ultra fine grained grey dyke with chalcopyrite and calcite (well formed). Few phenocrysts.

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
C491329	UTM: 501418	E	UTM: 6880260	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: Grab sample from talus. Limonite with earthy hematite (Hg-rich?) Minor boxwork and glassy limonite.

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
C491330	UTM: 501418	E	UTM: 6880260	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: Rock suit always found next to limonite in talus (or close by). Calcite veined ultramafic dyke with abundant chalcopyrite and malachite.

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
C491331	UTM: 501409	E	UTM: 6880356	N	Sample Width: 12"	Abundance:
	Elevation:	m				

Comments: Chip sample of limonite at surface. Sampled across true width. Hosted within gabbro along fracture plane: 020/vertical. Recessive area.

Rock Sample Descriptions

Project: Nikki Property: Nikki

Sample Number:	Grid East:		E	Grid North:		N	Type:	Grab	Dimension:
C491332	UTM:	501051	E	UTM:	6880564	N	Sample Width:		Abundance:
	Elevation:		m						

Comments: Same rock type as '330.

Sample Number:	Grid East:		E	Grid North:		N	Type:		Dimension:
	UTM:		E	UTM:		N	Sample Width:		Abundance:
	Elevation:		m						

Comments:

Sample Number:	Grid East:		E	Grid North:		N	Type:		Dimension:
	UTM:		E	UTM:		N	Sample Width:		Abundance:
	Elevation:		m						

Comments:

Sample Number:	Grid East:		E	Grid North:		N	Type:		Dimension:
	UTM:		E	UTM:		N	Sample Width:		Abundance:
	Elevation:		m						

Comments:

Sample Number:	Grid East:		E	Grid North:		N	Type:		Dimension:
	UTM:		E	UTM:		N	Sample Width:		Abundance:
	Elevation:		m						

Comments:

Sample Number:	Grid East:		E	Grid North:		N	Type:		Dimension:
	UTM:		E	UTM:		N	Sample Width:		Abundance:
	Elevation:		m						

Comments:

APPENDIX IV

GEOLOGICAL AND GEOTECHNICAL LOGS

DESCRIPTION OF ROCK UNITS

Cross-Section Unit	Drill Log Unit	Rock Name
1	DRGD (DG)	Diorite – Granodiorite
2	DRFG (DF)	Diorite – Fine grained
3	DIOR (DR)	Diorite
4	PPFG (PG)	Porphyry – Fine grained
5	DRPP (DP)	Diorite equivalent of PPFG
6	PPFX (PF)	Porphyry – Feldspar
7	PPFQ PQ	Porphyry – Feldspar and Quartz
8	FELS (FL)	Felsite
		Felsite Porphyry
9	PPFL (PL)	Porphyry – Feldspar Exfels
	CASN	Casing
	BRXX	Breccia
	DRBR	Diorite Breccia
	DGBR	Diorite Granodiorite Breccia
	PGBR	Porphyry – Fine grained breccia
	PPBR	Porphyry Breccia
	FTZN	Fault Zone
	VEIN	Vein

1 DRGD (DG) DIORITE-GRANODIORITE

It is normally light in colour but can darken where weak pervasive sericite is seen replacing the plagioclase feldspars. Plagioclase is the only primary feldspar seen. Secondary pink orthoclase, related to potassic alteration, was seen in the drill holes Nikki-10-02, Nikki-10-03 and Nikki-10-04 where it occurs as fracture filly and also replacing the plagioclase feldspars. Mafic content, mainly hornblendes, ranges from 15 to 30%. This unit consistently contains weak disseminated magnetite.

This unit was called diorite on the basis that primary orthoclase is absent and the quartz content is low. The unit on the government maps is called granodiorite on the basis that the orthoclase seen is primary in origin.

2 DRFG (DF) DIORITE-GRANODIORITE-FINE GRAINED

This fine grained diorite is not very common. However drillhole Nikki-10-04, between 100 m and 200 m, has three bands 5-7 m wide and one band 35 m wide. In most cases in the other drillholes the fine grained diorite bands are less than three metres in core length.

3 DIOR (DR) DIORITE

This unit is medium dark grey in colour, has a medium grained texture and contains about 20-30% hornblende. It was seen at the top of drillhole Nikki-10-03 as a 35 m wide band. This is the same diorite mapped on the government geological map immediately north of the collar of the drillhole.

4 PPFG (PG) PORPHYRY – FINE PHENOCRYSTS and

5 DRPP (DP) DIORITE equivalent to PPFG

The most distinctive features of this unit is its greenish black colour and generally strong fine disseminated magnetite content. It has weak fine feldspar phenocrysts in an aphanitic to microcrystalline matrix.

Throughout drillhole Nikki-10-02 the unit's attitude is sub vertical and widths range from 0.5 m to 20 m in core length with most of the dykes <5 m. In drillhole Nikki-10-02, a few 3 to 15 m core length were present to about 100 m. From 100 m to 300 m the drillhole was wholly in porphyry. It is not known if this wide width represents a widening of the dyke or a transition of the porphyry to a plug-like high-level intrusion. The latter appears to be the best interpretation as the porphyritic unit is transitioning to a crystalline texture below 300 m where rock is composed of crowded fine grained feldspars phenocrysts and fine to medium grained hornblende phenocrysts in a very fine grained matrix. This unit has been called diorite (DRPP), the intrusive equivalent of the PPFG. The contact may be higher up in the drillhole. Identification of this contact is complicated by the dark colour of the unit imparted by the presence of strong fine magnetite.

6 PPFX (PF) FELDSPAR PORPHYRY

The porphyry is light to dark gray in colour and has 20-30% occasionally crowded fine to medium grained phenocrysts of feldspar in an aphanitic to microcrystalline matrix. Weak phenocrysts of quartz and hornblende are sometimes present. In some places the contacts are chilled and it is not uncommon to see the contacts brecciated. It occurs as steeply dipping dyke-like bodies.

7 PPFQ (PQ) FELDSPAR QUARTZ PORPHYRY

This unit is similar to the feldspar porphyry except quartz phenocrysts are more common but overall not greater than feldspar phenocrysts. It occurs as narrow dyke-like bodies.

8 FELS (FL) FELSITE

This unit is light to dark greenish grey in colour and has a microcrystalline to aphanitic texture. In places weak very fine feldspar phenocrysts are present. This unit was seen near the bottom of drillhole Nikki-10-03 where it is present as a couple of narrow (<2 m) dykes. Near the bottom drillhole Nikki-10-04 is a 40 m core length felsite body cut by a few narrow dykes of felsite porphyry. The felsite is believed to be dyke-like in attitude.

9 FELSITE PORPHYRY

This has crowded fine to medium grained feldspar and weak altered hornblende phenocrysts in a microcrystalline matrix.

DIAMOND DRILL LOG FORM FORMAT

Lower entry

Secondary rock type or change in alteration or mineralization

Righ hand row

% amount x 100%

ALTERATION - 2 LETTER CODE

KF	POTASH FELDSPAR	GY	GYPSUM
QZ	QUARTZ		
MS	SERICITE		
CY	CLAY		
CL	CHLORITE		
CA	CALCITE		
EP	EPIDOTE		
CB	CARBONATE		

MINERALIZATION - 2 LETTER CODE

PY	PYRITE
CP	CHALCOPYRITE
MG	MAGNETITE
HE	HEMATITE

TWO COLUMN ENTRY

LEFT HAND SIDE - MODE OF OCCURRENCE OR HOW - SEE H SCALE ATTACHED
RIGHT HAND SIDE - AMOUNT - IN PERCENT OR SUBJECTIVE

RIGHT HAND SIDE - AMOUNT - IN PERCENT OR SUBJECTIVE → VALUE

/ PRESENT - NO ESTIMATE POSSIBLE

? POSSIBLY PRESENT: IDENITY QUESTIONABLE

SUBJECTIVE

W - WEAK
M - MODERATE
S - STRONG
X - EXTREME

FOR CP & PY

T	- TRACE	
W	- WEAK	0.03 - 0.25 %
F	- FAIR	0.25 - 0.75 %
1		0.75 - 1.50 %

USE %

FR - FRACTURE DENSITY

LEFT HAND SIDE -
DOMINENT ANGLE - OPTIONAL
K - STOCKWORK
S - SHEETED

RIGHT HAND SIDE - SEE F SCALE - ATTACHED

F - S C A L E

Assgn Value	Scale Value		Description
55+	X	X	shattered
45	9		extremely well fractured
36	8	S	very well fractured
28	7		well fractured
21	6	A	fairly well fractured
15	5	M	moderately fractured
10	4	F	fairly lightly fractured
6	3		lightly fractured
3	2	W	very lightly fractured
1	1		slightly fractured
0	0	O	unfractured

NOTE: It can be seen that the assigned value of each scale, value is the sum of the scale values from 0; for instance, the assigned value of scale 2 = 3 = 0 + 1 + 2 and the assigned value of scale 3 = 6 = 0 + 1 + 2 + 3 and so on.

H - SCALE

MODE OF OCCURRENCE OR 'HOW'

DEGREE OF PERVASIVENESS INCREASING

Symbol	Combination Modes
0	Fresh, primary rock (Z) *(Z for Zero)*
1	Amygdaloids (A), minor Macroveins (>) and/or scattered Crystals (D)
2	Macroveins (>) and Veins (V)
3	Veins (V) and Dalmationite (Y) { Spøts (Ø) or Patches (Q) *(as in Quilts)*
4	Veins (V), and/or occasional Envelopes (E)
5	Veins (V), and/or abundant Envelopes (E)
6	Pervasive (P) or Disseminations (D) *LESS THAN* { Veins (V), Microveins (<) Selvages (S), Envelopes (E)
7	" " *EQUAL TO* { " "
8	" " *GREATER THAN* { " "
9	Pervasive (P) or Disseminations (D), Veins (V), Microveins (<), Selvages (S) and Envelopes (E) with much Breccia filling (#), Stockwork (K) and/or Sheeting ($)
X	Massive (M) and/or Laminated Bedded (L)

Symbol	Most Dominant Single Modes
A	Amygdaloids, cavity fillings
B	Blebs
#	breccia fillings
C	Coatings and encrustations
*	clasts
D	Disseminations and scat. x'ls
E	Envelopes
F	Framework crystals
G	Gough
H	
I	eyes, augen
J	interstitial
K	stockwork
L	Laminations/bedded
M	Massive
N	Nodules
Ø	spøts
P	Pervasive
Q	patches, as in Quilts
R	Rosettes and x'l clusters
S	Selvages
$	Sheeting
T	stainings, as in Tarnish
U	eu-hedral crystals
V	Veins
>	macroveins
<	microveins, frac fillings
W	boxwork
X	Massive and/or laminated/bedded
Y	dalmationite
Z	fresh, primary rock

DRILL LOG REMARKS ABBREVATIONS

A, a	alt	alteration
	av.	average
	AH, ah	anhydrite
B, b	BR, br	breccia(s)
	btm	bottom
	blc	bleached
	bc.	crackle breccia
C, c	cnt(s)	contact(s)
	cl	chlorite
	cy	clay
	ca	calcite
	cb	carbonate
D, d	DR, dr	diorite
	dior	diorite
	dcr	decrease
	dis	disseminated
	dk.	dark
	d/s	downsection
	drbr	diorite breccia
E, e	en	envelope
F, f	fx	feldspar
	fr	fracture
	flt	fault
	FTZN	fault zone
	FT BR.	fault breccia
	fw	footwall
G, g	gy.	gypsum
	gnd	grained
	gry	gray
H, h	hb	hornblende
	hc	hematite
I, i	icr	increasing
	irreg	irregular
J, j		
K, k	kf	potash feldspar
L, l	lct	lower contact
	lt	light

DRILL LOG REMARKS ABBREVATIONS

M, m	ms	sericite
	mf	mafic
	mg	magnetite
	mm	montmorillonite
	mod	moderate
	mv	macro vein
	med	medium
N, n		
O, o	occ	occasional
P, p	PP, pp	porphyry
	phn	phenoclyst
	py	pyritic
	perv	pervasive
	PPBR	porphyry breccia
	pf	plagioclase
Q, q	qz	quartz
	qzvn	quartz vein
	qzmv	quartz macro vein
R, r	rx	rock
	RC	rhodochrosite
S, s	shr	shear
	stk	stockwork
	sht	sheeted
	stg, S	strong
	slk	slickenside
T, t	trn	transitional
U, u	uct	upper contact
V, v	vt	veinlet
	v	very
	VN, vn	vein
W, w	wk	weak
X, x	xL	crystalline
Others	>	greater than
	=	equals
	<	less than

Alteration in Drillholes

10-01

Have Oliver complete this

10-02.

In this drill hole, between about 200 m and 300 m, there is potassic alteration occuring within 3-9 m core length bands that forms about 45% of this 100 m section. Trace to very weak. disseminated pink colored orthoclase is seen replacing plagioclase and as well as a weak fracture filling. In a few places orthoclase is accompanied by trace to weak disseminated epidote.

Some of the other drillholes show a strong intercelationship between orthoclase and epidote. Therefore epidote should be included as one of the index minerals that may be present in the potassic alteration assemblage. Epidote is not commonly tested as one of the index mineral in the potassic alteration assemblage. Epidote is generally seen associated with propylitic alteration assemblage

10-02 (cont'd)
Magnetite varies from absent to strong but most often varies from trace to weak, No gypsum or anhydrite was seen.

The host for the potassic alteration is a diorite-granodiorite intrusive cut by narrow porphyry dykes and later by many strong fault breccias.

Below the potassic alteration to the bottom of the drillhole, a core length of about 65m, phyllic alteration is present as weak veinlets of pyrite-sericite and quartz-sericite-pyrite. Pyrite content ranges from 1-3%. Veinlets density and pyrite content weaken below about 335m. This section of core is porphyry, mostly the feldspar-quartz variety.

Alteration in Drillholes (con'd)

10-02 (cont'd

At the top of this drillhole from about 30m to 105m six. are 6 veins that vary in core length from 0.42m to 0.94m. The top three veins are weak and the bottom three veins occur within a 10m. interval have strong vein material - quartz, sericite ± carbonate ± pyrite. Two of the veins are associated with fault breccia and the third is near brecciation. [These three veins may represent the down dip extension of the surface copper showing true??].

In the porphyry alteration model these veins hosted by propylitic alteration are found some distance distal from the copper deposit hosted by potassic alteration

10-03.

The bottom 150m of this drillhole has a potassic alteration assemblage consisting of orthoclase epidote-gypsum. magnetite sericite and trace chalcopyrite.

The host for this alteration is largely the fine grained phenocryst porphyry and near the bottom its high level intrusive equivalent (DRPP);

The orthoclase, in trace to weak amounts, occurs as disseminations replacing interstitial plagioclase and also in blebs of graphic intergrowth of quartz and plagioclase partly or totally replaced by orthoclase. Orthoclase is also seen in veinlet and macroveins accompanied by varying amounts of plagioclase. As well orthoclase is seen as envelopes on the epidote veinlets

10-03 (cont'd)

The amount of epidote generally mimic that of epidote

Overall the potassic mineral alteration assemblage is weak except for magnetite whose presence is consistently strong

The fracture density in the potassic alteration ranges from weak to fair - 3 to 10 fractures per metre.

Near the top of the drillhole starting at about 63 m is a. 50 m band of phyllic alteration developed where strong sheeted fracturing is present. At the top, sericite and clay(?) initially weak soon becomes strong. in envelopes around the fractures..

Quartz veining is weak but over short core lengths becomes stronger as veinlets, blebs and macroveins

10-03 (cont'd)

Pyrite mainly as coarse blebs varies from 1 to 2%. Within narrow bands at the top and bottom of this phyllic alteration contain weak, up to 5% gypsum. The host rock for the phyllic alteration is mainly feldspar porphyry with minor units of feldspar-quartz porphyry and fine grained phenocryst porphyry.

Above and below the band of phyllic alteration are widely spaced veins from 4cm to 30 cm wide of mainly Sericite-py and one of quartz-sericite-pyrite. About 30m above the top contact of the potassic alteration is a 12cm wide vein of gypsum (75%) replacing anhydrite

Alteration in Drillholes

10-04

Below a major fault zone near the drillhole bottom - is a 60m. core length exhibiting potassic alteration.

Hosting this alteration is felsite and felsite porphyry in the upper 25m and the lower 43 m. has the intrusive diorite - granodiorite.

Within the felsite units interstitial very fine orthoclase is present in trace amounts except near the upper contact where zone 10% orthoclase is present. This section als contains about 1% disseminated hematite-magnetite with the later having greater amounts. Trace amounts of fracture and disseminated chalcopyrite is present.

The lower 43m has disseminated interstitial

10-04 (cont'd)

orthoclase in amounts varying from less than 1% up to 10% replacing plagioclase. Disseminated hematite-magnetite, the later dominant, occurs in amount less than 1%. About half of the bottom section has only magnetite present. Chalcopyrite, disseminated and in fractures occurs in trace amounts. Slightly higher amounts are present where increased orthoclase is present.

Throughout the drillhole are a modest number of macroveins and veins except between 160m and 200m where an increased number are present. These structures contain ± quartz, ± calcite, ± sericite and ± pyrite. Three veins ranging in core width from 5 to 31cm had dark gray smoky quartz.

10-04 (cont'd)
The higher vein density between 160 and 200m could be interpreted as the phyllic halo to the potassic alteration seen in the bottom of the drillhole. The argument against this interpretation is the three major faults separating the phyllic halo from the potassic alteration. The total throw on these three major faults is at least 200m.

GEOLOGY LOG

HOLE **NIK-10-01**

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other										Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Chlorite	Epidote	Potassic	Oxidation	Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	Pyrite	Magnetite	Chalcopyrite	Type	Intensity	Type	Intensity		
0.00	6.50	6.50				OVB																					No recovery.
6.50	21.00	14.50				DIO	Lt Gee & rusty F-M G DI-IN		M-S	M		I			FX				M			Mg	F				Diorite (DIO). Highly fractured and oxidized section. Cl crystals are anhedral and commonly occur alongside Ep crystals. Ep alteration intensifies to strong from 19.2 to 21.0m. Moderate to strong Cb infilling along fractures. Dark yellowish, subrounded mineral present, limonite? Sparse sections of granular gouge. Mottled dark pink blotches become more pronounced towards the end of the section.
21.00	22.00	1.00				DIO	DK GY to rusty					I			FLT							He	T				Quartz Diorite. Poor recovery, rubbly. Section is highly oxidized. Rare 1-2mm He veinlets are observed on altered surfaces.
22.00	37.30	15.30				GRD	LT-GY LT-PK M-C G DI-IN	PO	M-S	S	M								W			He Mg	W W				Porphyritic Granodiorite (GRD). Light grey-pinkish to white matrix. Pl crystals are 1-3mm, Qz 0.5 to 2mm, and Hb crystals are 1-2mm. Ep crystals are EU to subhedral (1-3mm). Few random potassic-rich veinlets (1-2mm). Py is DI and IN (1mm).
			22.20	22.75	0.55		DK GN F-M G		55%	S												He	W				Chlorite vein with calcite filled amygdules (1-10cm) and subhedral He crystals (1-3mm). Weak to moderate He staining.
			28.85	30.35	1.50	GRD	DK GN F-M G		65%	S					VT FX							He	T				Intense Cl altered Granodiorite with potassic and carbonate infilled veinlets (1-2mm wide). Trace He staining. Moderate silicification. Moderately fractured.
			31.00	31.99	0.99	GRD	LT GY		W				cly	60													Clay altered Granodiorite. Matrix has been completely altered to clay mush.
			31.99	34.15	2.16	GRD	LT GY DI - whisp		W				cly	30					W								Clay altered Granodiorite. Matrix has been altered to clay mush, core is still somewhat competent but very soft.

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

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Chlorite	Epidote	Potassic	Oxidation	Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	Pyrite	Magnetite	Chalcopyrite	Type	Intensity	Type	Intensity		
			34.15	37.30	3.15	GRD	DK GN		70			M										He	W				Intensely chloritized Granodiorite. Kf rich vein (4cm) directly at beginning of section. Patchy chloritized 'mush' sections. From 34.3 to 37.3m DK GN/BN granular gangue, Cb and Qz fracture infilling resembles weak stockwork. Interval is moderately oxidized with few He veinlets.
37.30	119.48	82.18				DIO	GY DK-GN M-C G DI-IN	PO	M-W	F	F	T	Cly	W					M-S			Mg	W-F				Porphyritic Diorite. Grey greenish matrix with sparse pink potassic altered areas. Pl and Kf (<10%) phenocrysts are euhedral to subhedral and 1-4mm, Qz phenocrysts are1-2mm, and Hb phenocrysts are subhedral, 1-5mm. Few Qz veins (1-2cm) and pink Kf-rich veinlets (1-4cm). Weak stockwork throughout the unit, fractures have all been infilled with a carbonate mineral. Potassic bleaching is scattered throughout the section, Kp veins and veinlets are common. Weak to moderate clay alteration from 54.3-54.75m.
			64.00	66.00	2.00	DIO	GY DK-GN M-C G DI-IN	PO	W		F	T				VN			M			Cp	W				Same unit. First visible sign of Cp. Cp occurs interstitially and as disseminations alongside of Py crystals (2-9mm). Occasionally Cp occurs in mm size veinlets.
			74.00	92.45	18.45																	He	W				Potassic alteration increases. Kp stringers and veinlets are 1-15mm wide, and increase in concentration with depth. Slight increase in stockwork. Sparse He veinlets and staining.
			81.20	82.00	0.80		DI												M		W	He	W				Chlorite vein. Highly fractured with Cb infilled stockwork. DI Py and Cp (1-2mm). Few He veinlets.
			92.45	119.48	27.03	GRD	DI			I									M-S		W						Same unit but with intense epidote alteration. Ep crystals are 1-5 mm and often occur beside Py and Cp mineralized disseminations. Mafics (Hb) increase in size (2-10mm) and concentration.
119.48	119.64	0.16				XN	Pale GN	AN																			Xenolith (XN). Pale GN, soft and aphanitic with 5-7% mafics (1-2mm).
119.60	120.13	0.53																									Clay altered sheared zone with gouge.

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

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS								Photo	DETAILED DESCRIPTION
													Other									Other		Other				
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Chlorite	Epidote	Potassic	Oxidation	Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	Pyrite	Magnetite	Chalcopyrite	Type	Intensity	Type	Intensity		
120.13	202.65	82.52				DIO	Pale GY-GN M-C G DI-IN		S	M-I		T	car	T-W					W-S			He	W			Diorite with varying degrees of chlorite and epidote alteration. Cl crystals are 1-12mm, Ep crystals are 1-3mm. Epidote alteration is 'blotchy' and appears as clumps of large subhedral to anhedral crystals (15-30mm). Py commonly occurs adjacent to Ep crystals and is mainly DI and IN. Py is blebby (1cm) in zones with higher Ep alteration. He staining occurs on fractured surfaces. Gypsum veins (1-3cm) are sparse, crystals (1-3mm) mainly occur near shear zones or in highly fractured areas.
			128.85	129.85	1.00								Clay	s	GO												Four small shear zones (5-20cm) with gouge. Clay altered Epidote and chlorite alteration increases, blotches are 15-30mm. Py is euhedral (cubic) to subhedral, DI and IN (1-2mm), and mainly occurs alongside of Ep blotches. Cb infilling on most fractured surfaces. Mafics (Hb) are F-M G and increase in concentration giving the rock a darker colour.
			129.10	135.80	6.70		DK GY to DK GN DI-IN		S	I			car	W-M					M								
			133.75	134.50	0.75		DI-IN			I			car	T-W					W								Moderately fractured section. Py is DI and IN (1-2mm).
			135.80	136.50	0.70	DIO	DK GY FG mtx DI	PO	M	M									M-S	W-S	T						Porphyritic Diorite. Pl and Mafic (Hb) crystals are euhedral to subhedral (1-2mm). Pl phenocrysts are lathe to angular shaped. Py is DI (1-2mm). Cp is DI (0.5mm). Varying degrees of magnetism, weak to strong.
			136.50	141.90	5.40	DIO	Pale GN FG mtx	PO		40		T															Intensely Ep altered porphyritic diorite. Pl phenocrysts are lathe to angular shaped, and pale green (from white in the previous interval). Quartz crystals are subrounded, some resemble quartz-eyes (1-2mm). Sulphides are absent
			141.90	142.50	0.60	DIO	DK GY FG mtx DI-IN	PO	M	M						FX			M-S	W-S	T						Porphyritic Diorite. Pl and Mafic (Hb) crystals are euhedral to subhedral (1-2mm). Pl phenocrysts are lathe to angular shaped. Py is DI (1-2mm). Cp is DI (0.5mm). Varying degrees of magnetism, weak to strong. Moderately fractured section.

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

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Chlorite	Epidote	Potassic	Oxidation	Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	Pyrite	Magnetite	Chalcopyrite	Type	Intensity	Type	Intensity		
			145.40	148.45	3.05	DIO	Pale GN FG mtx	PO		40		T												He	W		Intensely Ep altered porphyritic diorite. Pl phenocrysts are lathe to angular shaped, and pale green (from white in the previous interval). Quartz crystals are subrounded, some resemble quartz-eyes (1-2mm). Sulphides are absent. End of unit is highly fractured. He staining occurs along fractures.
			148.45	148.94	0.49		DK GN FG		M-S			W	car	M-S										He	S		Patchy He stringers and staining on fractures. Moderately fractured. Cb infilled fractures (1-2mm).
			148.94	151.28	2.34		GN to DK GN DI		S				cly	I					W-M					He	M		Intensely clay altered, fractured and rubbly section. Amygdules are subrounded (1-4mm) and filled with calcite. Py is DI and concentrates along fractures with strong Cl alteration and He staining. Competent section from 149.55 to 150.40m has abundant mafics (1mm).
			151.28	184.90	33.62		DK GY to DK GN DI-IN		S	I		T	car	W-M					M-S	W							Epidote and chlorite alteration increases, blotches are 15-30mm. Py is euhedral (cubic) to subhedral, DI and IN (1-2mm), blebby, and mainly occurs alongside of Ep blotches. Cb infilling occurs on most fractured surfaces. Mafics (Hb) are F-M G and increase in concentration in some areas giving the rock a darker colour. Beige, soft minerals, occurs throughout the mtx gypsum? From 152-152.3m: Gouge, intensely clay altered, fractured, and rubbly. From 153.65 to 159.3m: section is highly fractured and rubbly (pieces are 1-5cm).
			161.28	161.50	0.22				S				cly	I					W								Gouge
			163.80	165.10	1.30		DK GY			M									F								Epidote alteration decreases. Few potassic stringers (1-2mm).
			177.00	177.20	0.20								cly	S													Sheared zone with 3 cm beige gypsum vein.
			184.90	185.38	0.48		GY	AN					sil	S					W								Grey, aphanitic, silicified vein with disseminated pyrite.
			185.38	185.60	0.22																						Cave with few pyrite coated pebbles.
			185.60	199.30	13.70	DIO	LT GY		S	S	T-W	T							F-S								Diorite with sparse subrounded chlorite crystals ranging in size between 2.5 to 5 cm. Few gypsum-rich veins. At 197.1 m, quart vein 3 mm wide with euhedral pyrite crystals ranging in size between 1 to 2 mm.
			199.30	199.92	0.62	GAB	DY			M									W	S							Gabbroic dyke with minor disseminated pyrite.

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

GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			ALTERATION						STRUCTURE				MINERALS							Photo	DETAILED DESCRIPTION
													Other									Other		Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Chlorite	Epidote	Potassic	Oxidation	Type	Intensity	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/m)	Pyrite	Magnetite	Chalcopyrite	Type	Intensity	Type	Intensity		
							DK GN- BL F-M G																				
202.65	204.15	1.50				GAB	DY DK GN- BL F-M G					car	M														Gabbroic dyke with carbonate infilled 1-2 mm size, lathe shaped amygdules(?).
			200.40	201.65	1.25										SH												Shear zone. Brittle with few patchy gypsum veins (3-4 cm), and pyrite veinlets (1 cm). [Switch of core loggers]

DRILL HOLE LOG

Hole: NIKKT-10-01 Zone: Page: 1/5

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	Visual Log S	Visual Log (m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization	From (m)	To (m)	Interval (m)	Sample Number
							KF Q2 CA CL CX MS PY CP MG GY EP FR $M				
			204.83	207.87	3.04	DRGD	X 0 0 < W P S 0 0 < W 0 D F 0 D T $ M	204.83	207.87		G055205
							204.83-207.87 - weakly altered, ~1% py-cpy disseminations, epidote +trace; DRGD - med grey fine-med grained, 3% py (<1cm blebs); trace epidote				
			207.87	210.92	1.72	DRGD	X 0 0 < F P S 0 0 D T 0 D W 0 D T $ M	207.87	210.92		206
							209.59-210.92 - [illegible] - det propylitic alt				
			210.92	212.75	1.83	DIOR	X 10 0 < T P M 0 D T 0 D W 0 0 $ F	210.92	212.75		207
							211.15-211.50-05° Vein fault - 3cm bx zone 5% py, [illegible] ; mod ca & py;				
			212.75	215.49	2.75	DRGD	X 0 0 0 P M 0 D T 0 D T 0 0 $ A	212.75	215.49		208
							DRGD light grey f-med grained, weak Mg 2py;				
			215.49	216.71	1.22	DRGD	X 0 0 < T P M 0 0 $ W 0 Q W 0 D T $ M	215.49	216.71		209
							1cm fr 2 py to Lit; py on fr chl;				
			216.71	219.46	2.75	DRGD	X 0 0 W P M < F 0 < W 0 Q W 0 $ S	216.71	219.46		210
							217.80-218.80-fault zone - 60°, fr S, minor bx 2-5cm; 1cm fr [illegible] - ble, KF alt??;				

DRILL HOLE LOG

Hole: NIKKI - 10-01 Zone: Page: 2/5

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:	
Dip:	
Azim:	

Visual Log V	Visual Log S	Visual Log (m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization	From (m)	To (m)	Interval (m)	Sample Number
			219.46	222.50	3.04	DRGD	KF 10 7 03 ∠F P M ∠W 0 2F 0 DT 0 0 M	219.46	222.50		G055721
							ICR fr 15°-40° up to 2cm wide, blc ±qz ±cb(?) ±cy + py ± sheared				
			222.50	224.94	2.44	DRGD	X 10 0 ∠F P M ∠W 0 DT 0 QM 0 QF M	222.50	224.94		212
							fr-x bundant & weak fr planes				
							rare cy+ca on fr.				
			224.94	226.77	1.83	DRGD	X 10 0 ∠F P M ∠T 0 2F 0 QM 0 DW M	224.94	226.77		213
							vt ca - some possible cb, may be in bleached wall rock fr.				
			226.77	228.6	1.83	DRGD	X 10 0 ∠F P M ∠T 0 DF 0 QW 0 0 F	226.77	228.60		214
							fr-dor, band - 10 cm strong mg; DRGD - ICR alt to mafics		228.6		* 215
								* Standard CRM-21			
			228.60	231.65	3.05	DRGD	X 10 0 ∠W P M ∠T 0 DW 0 DW 0 DW F	228.60	231.65		216
			231.65	234.39	2.74	DRGD	X 6 0 ∠W P M ∠T 0 DW 0 DT 0 DT F	231.65	234.39		217
							2-3 fr ~ 15-25° shr up to 5mm - fr				
							blc ca vt ± shr py				
			234.39	237.44	3.05	DRGD	X 0 0 ∠W P M ∠T 0 DW 10 QW 6 0 F	234.39	237.44		218
							Lower margin dyke ± 5mm - blc - alt fx, ca				

DRILL HOLE LOG

Hole: NIKKI 10-01 Zone: Page: 03/5

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit	Alteration and Mineralization															From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)			KF	Q2	CA	CL	CY	MS	PY	CP	MG	GY	EP	FD		(m)	(m)	(m)	Number
			237.44	240.49	3.05	DRGD	X	0	0	∠	=	P	M	∠	L	0	D	W	0	D	M		D	T	F		237.44	240.49		219
						oc. fr - ± 2mm; blc ± clr py																					
			240.49	243.84	3.35	DRGD	X	0	0	∠	F	P	M	∠	T	0	D	W	0	Q	M	0	D	T	F		240.49	243.84		220
																											Blank		221
						242.15 - 242.80 - Fau42one - strong fr, 5cm fine breccia on bottom cnt																					
			243.84	246.89	3.05	DRGD	X	0	0	∠	F	P	M	0	0	D	F	0	Q	M	0	0	M		243.84	246.89		222
			245.05	245.40	0.35	FT2N				P	S			P	S			P	M	0			X					
						FT2N - vcf at 40°, lcf at 50°; strong br; 243.80 - 245.05 - blc, cl-w, ocr alt fx, ocr py - ± 1% - related to FT2N?																					
			246.89	249.94	3.05	DRGD	X	0	0	∠	F	P	M	0	0	2	F	0	Q	M	0	0		F	246.89	249.94		223
						py - as 1 or chr fr																					
			249.94	251.46	1.52	DRGD	X	0	0	∠	W	P	M	0	0	2	F	0	D	W	0	0		F	249.94	251.46		224
			251.46	254.51	3.05	DRGD	X	0	0	∠	W	P	S	∠	T	0	2	F	0	B	W	0	D	T	F		251.46	254.51		225
																									at 254.51			226
						DIOR - inequigranular & equigranular varities																					
			254.51	257.25	2.74	DRGD		0	0	∠	W	P	S	0	0	2	M	0	0	0	D	T		M	254.51	257.25		227
																									at 257.25	Blank		228
						below 256.60 - ocr fr E to M; fr-ocr number coated by py fr - 20°-40°																					

DRILL HOLE LOG

Hole: NIKKI-10-01 Zone: Page: 04/5

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit		Alteration and Mineralization																	From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)			KF	Q2	CA	CL		CY		MS		PY		CP		MG		BY		EP		FP		(m)	(m)	(m)	Number
			257.25	258.0	0.75	DRGD	X	0		0		0	P	M	∠	T		0	D	W		0		0		0		0		A	257.25	259.99		229
			257.60	258.0	0.40	FTZN	X	0		0		0		0	V	③		0	·	0		0		0		0		0		0				

FTZN - strong shr's ou: 257.25 - 257.60 - stringer - no alt contr

			258.00	259.99	1.99	DRGD	X	0		0	∠	T		0	P	W		0		0		0		0		0		0		A				

DRGD? - dark green, v fgrained occ fine phn, pervasive phyllic alt - w.

			259.99	261.28	1.29	DRGD	X	0		0	∠	T		0	∠	T		0		0		0		0		0		0		M	259.99	262.74		230
			261.28	262.74	1.46	DRGD	X	0		0	∠	T	P	M		0		0	D	W		0	Q	W		0		0		F				

DRGD? - dark green grading to v grn/dark grey at bottom - 259.99 - 261.28

DRGD - wk blc, f-m ned [illegible], fr - shattered look.

			262.74	266.09	3.15	DRGD	X	0		0	∠	W	P	M	∠	T	∠	T?	Z	N		0	Q	W		0		0		M	262.74	266.09		231

MS - v elnlet, pale grn ms? or is this cy?

			266.09	267.61	1.52	DRGD	X	0		0	∠	T	P	M	∠	T	∠	T?		0		0	Q	T		0		0		M	266.09	267.61		232

DIOR - inequigranular - f-med grnd

			267.61	270.66	3.05	DRGD	X	0		0	∠	T	P	M	∠	T	∠	T?	⅔	F		0	Q	T		0		0		W	267.61	270.66		233

patches bk, ser py vf > di py; ; up to 3 cm vf

pale green - ms vf?

			270.66	272.80	2.14	DRGD	X	0		0	∠	T	P	M	∠	T	∠	T?	D	W		0	Q	T		0		0		W	270.66	272.80		234

DRILL HOLE LOG

Hole: NIKKI 10-01 Zone: Page: 65/5

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

	Depth:			
	Dip:			
	Azim:			

Visual Log			From	To	Interval	Unit		Alteration and Mineralization																				From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)			KF		QZ		CA		CL		CY		MS		PY		CP		MG		GY		EP		FR	(m)	(m)	(m)	Number
			272.80	275.84	3.04	DRGD	X	0		0		<	T	P	W	<	T	<	F	D 2	M	0		0		0		0		F	272.80	275.84		235
						DRGD - blc, ucr py replacing cl-hb; ucr vf pale green MS < 1mm ø. occ up to 5mm blc en with patchy MS?																												
			275.84	277.37	1.53	DRGD	X	0		0		<	T	P	W	<	T	<	T	D 2	M	0		0		0		0		M	275.84	277.37		236
			276.44	277.37	0.93	FTZN	X	6		0		P	S	P	W	P	S	0		0		0		0		0		0		X				
						FTZN - highly sheared to crushed rock, btm 10cm under shr zone;																												
			277.37	279.20	1.83	DRGD	X	0		0		<	T	P	W	<	T	0		D 2	F	0		0		0		D	T	A	277.37	279.20		237
			277.85	279.20	0.35	FTZN	X																										
						FTZN - strong fr - wk br, weak cht; weak blc, more normal gr																												
			279.20	281.44	2.44	DRGD	X	0		0		<	T	P	W			<	T	D 2	F	0		0		0		D	T	M	279.20	281.64		238
			280.11	281.64	0.73	PPFX	X	0		0		<	T	0		<	T	0		D	W	0		0		0		0		F				
						- weak blc; PPFX - ucr 40°;																												
						PPFX ucr chilled, py to 1% dk upper 40cm; PPFX - dark grey																												
						microxl matrix with 1/20-30° med tx phenocrysts																												
			281.64	283.16	1.52	PPFX	X	0		0		<	T	P	W	0		0		D	W	0		0		0		0		F	281.64	283.16		239
						minor dcx hb?; very weak fine dis py																												
			283.16	286.51	3.35	PPFX	X	0		0		<	T	D		0		0		D	T	0		0		0		0		F	283.16	286.51		240
																															1/4 core split		241
			286.51	288.64	2.13	PPFX	X	0		0		<	W	0		0		10		D	T	0		6		0		D	T		286.51	288.64		242
			288.64			EOH																											
						PPFX - typical Dawson Range Porphyry [illegible]																												

Complete Sample List

Property:	NIKKI														
Hole	From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Cu (ppm)	Mo (ppm)	As (ppm)	Bi (ppm)	Comments
NIKKI-10-01	0.00	6.50	6.50			N/S								Not sampled
NIKKI-10-01	6.50	9.50	3.00			G0557129	1	0.015	0.2	255	1	4	1	
NIKKI-10-01	9.50	12.50	3.00			G0557130	1	0.03	0.2	469	2	6	1	
NIKKI-10-01	12.50	15.5	3.00			G0557131	1	0.042	0.4	875	2	1	1	
NIKKI-10-01	15.5	18.50	3.00			G0557132	1	0.03	0.3	444	2	3	1	
NIKKI-10-01	18.50	21.50	3.00			G0557133	1	0.028	0.6	436	2	5	1	
NIKKI-10-01	21.50	24.50	3.00			G0557134	1	0.015	0.3	255	2	2	1	
NIKKI-10-01	24.50	27.50	3.00			G0557135	1	0.014	0.2	351	1	2	1	
NIKKI-10-01	27.50	30.50	3.00			G0557136	1	0.012	0.3	434	1	2	1	
NIKKI-10-01	30.50	33.50	3.00			G0557137	1	0.014	0.5	425	12	3	1	
NIKKI-10-01	33.50	36.50	3.00			G0557138	1	0.006	0.7	231	4	4	1	
NIKKI-10-01						G0557139	1	0.209	2.1	1980	160	28	1	CDN-CGS-23
NIKKI-10-01	36.50	39.50	3.00			G0557140	1	0.039	0.6	297	9	3	1	
NIKKI-10-01	39.50	42.50	3.00			G0557141	1	0.018	0.8	459	7	2	1	
NIKKI-10-01	42.50	45.50	3.00			G0557142	1	0.025	0.7	263	20	4	1	
NIKKI-10-01	45.50	48.50	3.00			G0557143	1	0.101	0.5	308	3	3	1	
NIKKI-10-01	48.50	51.50	3.00			G0557144	1	0.008	0.3	364	8	1	1	
NIKKI-10-01						G0557145	1	0.0025	0.2	1	<1	1	1	BLANK BATCH B
NIKKI-10-01	51.50	54.50	3.00			G0557146	1	0.011	0.6	425	3	2	1	
NIKKI-10-01	54.50	57.90	3.40			G0557147	1	0.007	0.4	241	2	1	1	END OF HQ
NIKKI-10-01	57.90	60.90	3.00			G0557148	1	0.035	0.2	76	1	2	1	BEGINNING OF BTW
NIKKI-10-01	60.90	63.60	2.70			G0557149	1	0.013	0.4	305	3	4	1	
NIKKI-10-01						G0557150	1	0.007	0.2	331	2	2	1	1/4 SAMPLE OF 149
NIKKI-10-01	63.30	66.90	3.60			G0557151	1	0.006	0.2	243	2	3	1	
NIKKI-10-01	66.90	69.90	3.00			G0557152	1	0.0025	0.2	269	2	2	1	
NIKKI-10-01						G0557153	1	0.946	4.9	13200	200	22	3	CDN-CGS-21
NIKKI-10-01	69.90	72.90	3.00			G0557154	1	0.005	0.3	284	2	2	1	
NIKKI-10-01	72.90	75.90	3.00			G0557155	1	0.0025	0.3	303	2	1	1	
NIKKI-10-01	75.90	78.90	3.00			G0557156	1	0.008	0.8	124	1	3	1	
NIKKI-10-01						G0557157	1	0.0025	0.1	8	<1	1	2	BLANK BATCH B
NIKKI-10-01	78.90	81.90	3.00			G0557158	1	0.027	1.1	522	1	2	1	
NIKKI-10-01	81.90	84.90	3.00			G0557159	1	0.017	0.8	466	1	3	1	
NIKKI-10-01	84.90	87.90	3.00			G0557160	1	0.0025	0.2	91	1	2	1	
NIKKI-10-01	87.90	90.90	3.00			G0557161	1	0.011	0.3	62	1	6	1	
NIKKI-10-01	90.90	93.90	3.00			G0557162	1	0.0025	0.2	142	1	3	1	
NIKKI-10-01	93.90	96.90	3.00			G0557163	1	0.0025	0.1	82	1	1	1	
NIKKI-10-01	96.90	99.90	3.00			G0557164	1	0.03	0.3	153	2	3	1	
NIKKI-10-01	99.90	102.90	3.00			G0557165	2	0.0025	0.1	157	1	5	1	
NIKKI-10-01	102.90	105.90	3.00			G0557166	2	0.0025	0.1	56	<1	1	1	
NIKKI-10-01	105.90	108.90	3.00			G0557167	2	0.005	0.3	649	1	1	1	
NIKKI-10-01	108.90	111.90	3.00			G0557168	2	0.007	0.1	252	<1	1	1	
NIKKI-10-01	111.90	114.9	3.00			G0557169	2	0.005	0.1	173	<1	29	1	
NIKKI-10-01	114.9	117.90	3.00			G0557170	2	0.0025	0.2	122	<1	1	1	
NIKKI-10-01	117.90	120.90	3.00			G0557171	2	0.009	0.1	99	<1	3	1	
NIKKI-10-01						G0557172	2	0.211	2.3	1860	152	22	1	CDN-CGS-23
NIKKI-10-01	120.90	123.90	3.00			G0557173	2	0.005	0.1	194	<1	3	1	
NIKKI-10-01	123.90	126.90	3.00			G0557174	2	0.0025	0.1	76	<1	1	1	
NIKKI-10-01	126.90	129.90	3.00			G0557175	2	0.012	0.1	173	<1	1	1	
NIKKI-10-01	129.90	132.90	3.00			G0557176	2	0.006	0.1	414	1	1	1	
NIKKI-10-01	132.90	135.90	3.00			G0557177	2	0.018	0.4	313	<1	5	1	
NIKKI-10-01						G0557178	2	0.0025	0.1	10	1	1	1	BLANK-BATCH B
NIKKI-10-01	135.90	138.90	3.00			G0557179	2	0.005	0.1	63	<1	4	1	
NIKKI-10-01	138.90	141.90	3.00			G0557180	2	0.0025	0.1	63	<1	1	1	
NIKKI-10-01	141.90	144.90	3.00			G0557181	2	0.007	0.1	155	<1	1	1	
NIKKI-10-01	144.90	147.90	3.00			G0557182	2	0.009	0.1	69	<1	1	1	
NIKKI-10-01	147.90	150.90	3.00			G0557183	2	0.016	0.1	105	<1	2	1	
NIKKI-10-01	150.90	153.90	3.00			G0557184	2	0.04	0.3	185	<1	5	1	
NIKKI-10-01	153.90	156.90	3.00			G0557185	2	0.016	0.4	165	1	2	1	
NIKKI-10-01	156.90	159.90	3.00			G0557186	2	0.01	0.1	96	<1	1	1	
NIKKI-10-01						G0557187	2	0.995	4.8	12150	200	20	9	CDN-CGS-21
NIKKI-10-01	159.90	162.90	3.00			G0557188	2	0.103	0.6	264	6	19	1	
NIKKI-10-01	162.90	165.90	3.00			G0557189	2	0.0025	0.4	32	<1	1	1	

Complete Sample List

Property:	NIKKI													
Hole	From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Cu (ppm)	Mo (ppm)	As (ppm)	Bi (ppm)	Comments
NIKKI-10-01	165.90	168.90	3.00			G0557190	2	0.008	0.1	197	<1	1	1	
NIKKI-10-01	168.90	171.90	3.00			G0557191	2	0.009	0.1	133	<1	1	1	
NIKKI-10-01						G0557192	2	0.009	0.1	103	<1	1	1	1/4 SAMPLE OF 191
NIKKI-10-01	171.90	174.90	3.00			G0557193	2	0.012	0.1	86	<1	3	1	
NIKKI-10-01	174.90	177.90	3.00			G0557194	2	0.021	0.1	60	<1	2	1	
NIKKI-10-01						G0557195	2	0.0025	0.1	3	1	1	1	BLANK BATCH B
NIKKI-10-01	177.90	180.90	3.00			G0557196	2	0.014	0.2	92	<1	7	1	
NIKKI-10-01	180.90	183.90	3.00			G0557197	2	0.008	0.1	100	<1	1	1	
NIKKI-10-01	183.90	186.90	3.00			G0557198	2	0.009	0.1	132	<1	1	1	
NIKKI-10-01	186.90	189.90	3.00			G0557199	2	0.021	0.3	144	<1	4	1	
NIKKI-10-01	189.90	192.90	3.00			G0557200	2	0.0025	0.1	115	1	1	1	
NIKKI-10-01	192.90	195.90	3.00			G0557201	3	0.011	0.3	182	2	2	1	
NIKKI-10-01	195.90	198.90	3.00			G0557202	3	0.03	0.2	226	1	2	1	
NIKKI-10-01	198.90	201.90	3.00			G0557203	3	0.023	1.2	154	1	3	2	
NIKKI-10-01	201.90	204.83	2.93			G0557204	3	0.0025	0.2	77	<1	1	1	
NIKKI-10-01	204.83	207.87	3.04			G0557205	3	0.0025	0.2	58	1	3	1	
NIKKI-10-01	207.87	210.92	3.05			G0557206	3	0.006	0.3	89	1	3	1	
NIKKI-10-01	210.92	212.75	1.83			G0557207	3	0.022	0.4	151	2	8	1	
NIKKI-10-01	212.75	215.49	2.74			G0557208	3	0.0025	0.3	77	1	2	1	
NIKKI-10-01	215.49	216.71	1.22			G0557209	3	0.006	0.2	91	2	2	1	
NIKKI-10-01	216.71	219.46	2.75			G0557210	3	0.016	0.5	146	1	6	2	
NIKKI-10-01	219.46	222.50	3.04			G0557211	3	0.053	0.6	49	8	17	2	
NIKKI-10-01	222.50	224.94	2.44			G0557212	3	0.0025	0.2	33	<1	1	1	
NIKKI-10-01	224.94	226.77	1.83			G0557213	3	0.016	0.3	46	<1	5	1	
NIKKI-10-01	226.77	228.60	1.83			G0557214	3	0.008	0.1	36	1	4	1	
NIKKI-10-01						G0557215	3	0.95	5	12950	227	23	6	CDN-CGS-21
NIKKI-10-01	228.60	231.65	3.05			G0557216	3	0.012	0.2	290	1	4	1	
NIKKI-10-01	231.65	234.39	2.74			G0557217	3	0.008	0.3	204	<1	1	1	
NIKKI-10-01	234.39	237.44	3.05			G0557218	3	0.005	0.1	81	1	2	1	
NIKKI-10-01	237.44	240.49	3.05			G0557219	3	0.005	0.2	60	1	4	1	
NIKKI-10-01	240.49	243.84	3.35			G0557220	3	0.017	0.3	54	1	4	1	
NIKKI-10-01						G0557221	3	0.0025	0.1	1	<1	1	1	BLANK BATCH B
NIKKI-10-01	243.84	246.89	3.05			G0557222	3	0.017	0.4	32	2	3	1	
NIKKI-10-01	246.89	249.94	3.05			G0557223	3	0.005	0.3	29	<1	1	1	
NIKKI-10-01	249.94	251.46	1.52			G0557224	3	0.0025	0.3	31	<1	2	1	
NIKKI-10-01	251.46	254.51	3.05			G0557225	3	0.005	0.2	52	<1	3	1	
NIKKI-10-01						G0557226	3	0.197	2.1	1935	161	25	2	CDN-CGS-23
NIKKI-10-01	254.51	257.25	2.74			G0557227	3	0.0025	0.3	21	<1	1	1	
NIKKI-10-01						G0557228	3	0.0025	0.1	2	<1	1	1	BLANK BATCH B
NIKKI-10-01	257.25	259.99	2.74			G0557229	3	0.0025	0.2	11	1	5	1	
NIKKI-10-01	259.99	262.74	2.75			G0557230	3	0.0025	0.5	66	3	1	1	
NIKKI-10-01	262.74	266.09	3.35			G0557231	3	0.005	0.2	93	1	1	1	
NIKKI-10-01	266.09	267.61	1.52			G0557232	3	0.009	0.2	156	2	1	1	
NIKKI-10-01	267.61	270.66	3.05			G0557233	3	0.007	0.2	112	3	2	1	
NIKKI-10-01	270.66	272.80	2.14			G0557234	3	0.009	0.1	196	1	1	1	
NIKKI-10-01	272.80	275.84	3.04			G0557235	3	0.01	0.4	116	1	5	1	
NIKKI-10-01	275.84	277.37	1.53			G0557236	3	0.028	0.6	135	2	2	1	
NIKKI-10-01	277.37	279.20	1.83			G0557237	4	0.005	0.3	177	<1	1	1	
NIKKI-10-01	279.20	281.64	2.44			G0557238	4	0.009	0.5	68	<1	1	2	
NIKKI-10-01	281.64	283.16	1.52			G0557239	4	0.0025	0.3	51	<1	1	1	
NIKKI-10-01	283.16	286.51	3.35			G0557240	4	0.0025	0.4	138	1	1	1	
NIKKI-10-01						G0557241	4	0.0025	0.2	155	1	1	1	1/4 SAMPLE OF 240
NIKKI-10-01	286.51	288.64	2.13			G0557242	4	0.0025	0.6	400	<1	1	2	

GEOTECHNICAL LOG

HOLE: NIKKI-10-01

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
6.50	7.01	0.51	0.40	78	0	0		VW		
7.01	8.53	1.52	0.68	45	0.00	0		VW		
8.53	10.05	1.52	0.74	49	0.00	0		MW		
10.05	11.58	1.53	1.53	100	0.22	14		SW		
11.58	12.80	1.22	1.21	99	0.14	11		MW		
12.80	14.33	1.53	1.53	100	0.00	0		SW		
14.33	15.85	1.52	1.38	91	0.12	8		MW		
15.85	16.76	0.91	1.06	116	0.00	0		MW		
16.76	18.29	1.53	1.53	100	0.00	0		MW		
18.29	19.20	0.91	0.90	99	0.27	30		MW		
19.20	20.72	1.52	1.07	70	0.10	7		SW		
20.72	21.96	1.24	0.86	69	0.00	0		MW		
21.96	23.46	1.50	1.50	100	0.52	35		SW		
23.46	24.99	1.53	1.38	90	0.66	43		SW		
24.99	26.52	1.53	1.54	101	0.75	49		SW		
26.52	28.04	1.52	1.56	103	1.01	66		FR		
28.04	29.56	1.52	1.43	94	0.28	18		VW		
29.56	31.08	1.52	1.54	101	0.45	30		MW		
31.08	32.61	1.53	1.51	99	0.34	22		VW		
32.61	34.20	1.59	1.53	96	1.33	84		FR		
34.20	35.70	1.50	1.44	96	0.66	44		VW		
35.70	37.20	1.50	1.54	103	0.77	51		MW		
37.20	38.70	1.50	1.51	101	1.07	71		FR		
38.70	40.20	1.50	1.49	99	1.01	67		FR		
40.20	41.80	1.60	1.43	89	0.74	46		FR		
41.80	43.30	1.50	1.52	101	0.92	61		FR		
43.30	44.80	1.50	1.39	93	1.28	85		FR		
44.80	46.30	1.50	1.44	96	1.15	77		FR		
46.30	47.90	1.60	1.59	99	1.19	74		FR		
47.90	49.40	1.50	1.45	97	0.83	55		FR		
49.40	50.90	1.50	1.48	99	0.99	66		SW		
50.90	52.40	1.50	1.49	99	0.97	65		FR		
52.40	53.90	1.50	1.46	97	0.58	39		FR		
53.90	55.50	1.60	1.57	98	0.59	37		SW		
55.50	57.00	1.50	1.53	102	0.97	65	MS	FR		
57.00	57.90	0.90	0.63	70	0.31	34	W	FR		
57.90	61.00	3.10	3.10	100	1.18	38	S	SW		
61.00	64.00	3.00	2.93	98	1.03	34	S	FR		
64.00	67.10	3.10	3.09	100	0.42	14	S	SW		
67.10	70.10	3.00	3.03	101	1.64	55	MS	FR		
70.10	73.20	3.10	3.10	100	0.58	19	MS	FR		
73.20	75.60	2.40	2.24	93	0.24	10	MS	MW		
75.60	77.70	2.10	1.20	57	0.31	15	MS	FR		
77.70	80.50	2.80	2.69	96	0.90	32	MS	FR		
80.50	82.00	1.50	1.53	102	0.10	7	MS	SW		
82.00	84.70	2.70	2.56	95	0.67	25	MS	FR		
84.70	86.60	1.90	1.80	95	0.22	12	MS	FR		
86.60	87.70	1.10	0.91	83	0.10	9	MS	FR		
87.70	88.40	0.70	0.73	104	0.00	0	MS	SW		
88.40	91.40	3.00	2.96	99	1.87	62	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
91.40	93.80	2.40	2.49	104	0.21	9	MS	SW		
93.80	94.50	0.70	0.70	100	0.00	0	MS	FR		
94.50	95.70	1.20	1.20	100	0.00	0	MS	FR		
95.70	98.80	3.10	3.11	100	0.46	15	S	FR		
98.80	100.60	1.80	1.83	102	0.37	21	S	SW		
100.60	101.50	0.90	0.88	98	0.00	0	S	FR		
101.50	102.70	1.20	1.20	100	0.36	30	S	FR		
102.70	103.60	0.90	0.92	102	0.24	27	MS	FR		
103.60	106.70	3.10	3.12	101	0.53	17	MS	FR		
106.70	109.70	3.00	3.00	100	0.59	20	MS	FR		
109.70	112.20	2.50	2.47	99	1.24	50	MS	SW		
112.20	113.70	1.50	1.53	102	0.48	32	MS	FR		
113.70	115.80	2.10	2.13	101	1.50	71	W	FR		
115.80	118.60	2.80	2.94	105	1.17	42	W	FR		
118.60	121.30	2.70	2.80	104	0.76	28	W	FR		
121.30	124.40	3.10	3.12	101	2.20	71	MS	FR		
124.40	127.40	3.00	3.00	100	1.35	45	MS	FR		
127.40	129.80	2.40	2.33	97	0.88	37	MS	FR		
129.80	131.00	1.20	1.20	100	0.20	17	MS	FR		
131.00	134.10	3.10	3.10	100	1.80	58	MS	FR		
134.10	137.20	3.10	3.10	100	0.20	6	MS	SW		
137.20	140.20	3.00	3.00	100	0.10	3	MS	HW		
140.20	143.30	3.10	2.78	90	0.12	4	MS	SW		
143.30	144.80	1.50	1.50	100	0.00	0	MS	MW		
144.80	145.70	0.90	0.90	100	0.00	0	S	SW		
145.70	146.30	0.60	0.60	100	0.00	0	S	SW		
146.30	148.10	1.80	1.80	100	0.00	0	MS	SW		
148.10	149.40	1.30	1.00	77	0.00	0	W	EW		
149.40	152.00	2.60	2.60	100	0.10	4	W	HW		
152.00	153.00	1.00	1.00	100	0.14	14	W	HW		
153.00	154.20	1.20	1.20	100	0.10	8	MS	FR		
154.20	157.00	2.80	2.80	100	0.00	0	MS	MW		
157.00	157.90	0.90	0.90	100	0.00	0	MS	MW		
157.90	160.34	2.44	2.35	96	0.29	12	W	MW		
160.34	160.90	0.56	0.56	100	0.21	37	W	FR		
160.90	162.50	1.60	1.62	101	0.12	8	MS	MW		
162.50	165.50	3.00	3.01	100	0.60	20	MS	FR		
165.50	167.60	2.10	2.17	103	0.23	11	MS	FR		
167.60	170.70	3.10	3.02	97	2.15	69	MS	FR		
170.70	172.80	2.10	2.14	102	1.15	55	MS	FR		
172.80	175.90	3.10	3.10	100	2.85	92	MS	FR		
175.90	176.80	0.90	0.90	100	0.73	81	MS	FR		
176.80	179.80	3.00	2.87	96	2.56	85	S	FR		
179.80	182.90	3.10	3.04	98	1.00	32	S	FR		
182.90	185.90	3.00	2.77	92	0.58	19	S	SW		
185.90	188.90	3.00	3.03	101	2.64	88	S	SW		
188.90	192.00	3.10	2.67	86	0.10	3	S	FR		
192.00	195.10	3.10	2.84	92	1.46	47	S	FR		
195.10	196.60	1.50	1.50	100	0.00	0	MS	FR		
196.60	199.60	3.00	3.02	101	1.73	58	MS	FR		
199.60	201.20	1.60	1.62	101	0.13	8	MS	FR		
201.20	202.40	1.20	0.80	67	0.00	0	MS	SW		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
202.40	204.20	1.80	1.80	100	0.00	0	MS	SW		
204.20	204.48	0.28	0.28	100	0.10	36	W	SW		
204.48	204.83	0.35	0.35	100	0.00	0	MS	MW		
204.83	207.26	2.43	2.43	100	1.13	47	W	SW		
207.26	207.87	0.61	0.61	100	0.00	0	W	HW		
207.87	210.92	3.05	2.97	97	0.69	23	W	SW		
210.92	212.75	1.83	1.81	99	0.35	19	W	MW		
212.75	215.49	2.74	2.70	99	0.39	14	MS	MW		
215.49	216.71	1.22	1.18	97	0.12	10	MS	SW		
216.71	217.32	0.61	0.38	62	0.00	0	W	HW		
217.32	219.46	2.14	2.06	96	0.21	10	W	HW		
219.46	222.50	3.04	3.03	100	1.83	60	W	SW		
222.50	224.03	1.53	1.48	97	0.00	0	W	HW		
224.03	224.94	0.91	0.83	91	0.00	0	MS	HW		
224.94	226.77	1.83	1.81	99	0.00	0	MS	HW		
226.77	228.60	1.83	1.86	102	0.27	15	MS	SW		
228.60	231.65	3.05	3.01	99	1.62	53	MS	FR		
231.65	234.39	2.74	2.59	95	0.78	28	MS	MW		
234.39	237.44	3.05	3.07	101	1.09	36	MS	SW		
237.44	240.49	3.05	3.04	100	1.39	46	W	SW		
240.49	241.10	0.61	0.61	100	0.00	0	MS	SW		
241.10	243.84	2.74	2.48	91	0.75	27	W	MW		
243.84	246.89	3.05	3.05	100	1.38	45	W	SW		
246.89	249.94	3.05	2.98	98	1.87	61	W	MW		
249.94	251.46	1.52	1.50	99	0.76	50	MS	SW		
251.46	254.51	3.05	2.83	93	0.81	27	MS	MW		
254.51	257.25	2.74	2.72	99	1.28	47	W	MW		
257.25	259.99	2.74	2.52	92	0.00	0	MS	HW		
259.99	261.21	1.22	1.10	90	0.00	0	MS	HW		
261.21	262.74	1.53	1.43	93	0.00	0	MS	HW		
262.74	264.26	1.52	1.50	99	0.00	0	MS	HW		
264.26	266.09	1.83	1.78	97	0.10	5	MS	HW		
266.09	267.61	1.52	1.48	97	0.16	11	W	MW		
267.61	270.66	3.05	3.05	100	0.21	7	MS	FR		
270.66	271.58	0.92	0.88	96	0.20	22	MS	SW		
271.58	272.80	1.22	1.06	87	0.21	17	MW	SW		
272.80	275.84	3.04	3.04	100	0.75	25	M	FR		
275.84	277.37	1.53	1.53	100	0.00	0	MW	HW		
277.37	277.67	0.30	0.30	100	0.00	0	MW	EW		
277.67	278.28	0.61	0.51	84	0.00	0	W	EW		
278.28	279.20	0.92	0.83	90	0.00	0	W	MW		
279.20	281.64	2.44	2.42	99	0.20	8	W	SW		
281.64	283.16	1.52	1.52	100	0.48	32	MS	SW		
283.16	285.79	2.63	2.33	89	1.25	48	MS	FR		
285.79	286.51	0.72	1.21	168	0.00	0	MS	MW		
286.51	288.34	1.83	1.79	98	0.12	7	MS	MW		

E.O.H.

MAGNETIC SUSCEPTIBILITY LOG

HOLE: NIKKI-10-01

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00			N/A	
2.00			N/A	
3.00			N/A	
4.00			N/A	
5.00			N/A	
6.00			N/A	
7.00			N/A	
8.00			N/A	
9.00			N/A	
10.00			N/A	
11.00			30.00	
12.00			18.10	
13.00			0.18	
14.00			N/A	
15.00			N/A	
16.00			25.10	
17.00			N/A	
18.00			N/A	
19.00			0.06	
20.00			7.82	
21.00			N/A	
22.00			0.30	
23.00			13.30	
24.00			17.80	
25.00			9.32	
26.00			30.70	
27.00			0.15	
28.00			1.15	
29.00			8.26	
30.00			19.20	
31.00			0.30	
32.00			0.35	
33.00			0.15	
34.00			1.41	
35.00			38.20	
36.00			31.00	
37.00			0.50	
38.00			0.28	
39.00			0.21	
40.00			0.22	
41.00			0.30	
42.00			0.26	
43.00			0.21	
44.00			0.11	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			0.35	
46.00			0.68	
47.00			15.20	
48.00			0.16	
49.00			0.48	
50.00			0.25	
51.00			0.85	
52.00			0.45	
53.00			26.00	
54.00			0.16	
55.00			0.47	
56.00			0.21	
57.00			14.10	
58.00			0.55	
59.00			12.30	
60.00			9.16	
61.00			12.30	
62.00			0.82	
63.00			23.80	
64.00			0.18	
65.00			0.12	
66.00			0.30	
67.00			23.50	
68.00			0.32	
69.00			16.40	
70.00			12.40	
71.00			11.30	
72.00			14.80	
73.00			7.29	
74.00			0.32	
75.00			8.75	
76.00			1.47	
77.00			4.69	
78.00			11.30	
79.00			0.16	
80.00			11.90	
81.00			0.18	
82.00			0.41	
83.00			14.30	
84.00			0.32	
85.00			10.40	
86.00			12.30	
87.00			8.26	
88.00			13.70	
89.00			3.15	
90.00			0.18	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
91.00			8.01	
92.00			6.56	
93.00			11.90	
94.00			23.80	
95.00			12.30	
96.00			17.60	
97.00			3.44	
98.00			10.60	
99.00			9.71	
100.00			16.20	
101.00			9.14	
102.00			18.30	
103.00			16.70	
104.00			9.06	
105.00			8.05	
106.00			0.69	
107.00			0.08	
108.00			10.30	
109.00			0.18	
110.00			18.60	
111.00			9.14	
112.00			0.08	
113.00			9.94	
114.00			13.10	
115.00			9.47	
116.00			9.90	
117.00			16.90	
118.00			25.60	
119.00			0.16	
120.00			0.04	
121.00			0.08	
122.00			0.16	
123.00			0.47	
124.00			0.20	
125.00			0.10	
126.00			0.22	
127.00			0.20	
128.00			0.32	
129.00			0.24	
130.00			0.47	
131.00			0.51	
132.00			0.16	
133.00			0.51	
134.00			0.24	
135.00			0.28	
136.00			0.28	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
137.00			N/A	
138.00			0.45	
139.00			0.47	
140.00			N/A	
141.00			10.10	
142.00			12.10	
143.00			0.51	
144.00			0.28	
145.00			20.20	
146.00			0.90	
147.00			0.61	
148.00			28.20	
149.00			1.14	
150.00			0.16	
151.00			0.45	
152.00			0.49	
153.00			18.30	
154.00			53.20	
155.00			14.20	
156.00			0.24	
157.00			21.20	
158.00			18.70	
159.00			8.09	
160.00			0.34	
161.00			72.10	
162.00			55.40	
163.00			11.70	
164.00			86.90	
165.00			58.80	
166.00			49.40	
167.00			22.30	
168.00			59.10	
169.00			56.50	
170.00			37.50	
171.00			61.60	
172.00			108.00	
173.00			77.90	
174.00			53.90	
175.00			95.90	
176.00			38.30	
177.00			0.18	
178.00			39.00	
179.00			59.60	
180.00			101.00	
181.00			79.80	
182.00			13.50	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
183.00			92.40	
184.00			3.95	
185.00			0.14	
186.00			26.70	
187.00			44.50	
188.00			32.00	
189.00			15.50	
190.00			39.40	
191.00			42.10	
192.00			33.90	
193.00			39.20	
194.00			30.00	
195.00			43.40	
196.00			28.80	
197.00			27.40	
198.00			34.40	
199.00			26.40	
200.00			0.24	
201.00			0.20	
202.00			16.50	
203.00			66.80	
204.00			32.30	
205.00			21.60	
206.00			19.10	
207.00			13.10	
208.00			25.20	
209.00			34.00	
210.00			21.30	
211.00			10.80	
212.00			33.50	
213.00			21.70	
214.00			19.90	
215.00			22.40	
216.00			8.83	
217.00			15.40	
218.00			0.18	
219.00			0.26	
220.00			1.27	
221.00			0.10	
222.00			0.55	
223.00			8.44	
224.00			14.20	
225.00			29.90	
226.00			3.23	
227.00			0.36	
228.00			23.50	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
229.00			17.10	
230.00			1.29	
231.00			4.01	
232.00			2.37	
233.00			5.18	
234.00			22.90	
235.00			0.36	
236.00			7.03	
237.00			0.51	
238.00			22.80	
239.00			18.00	
240.00			3.09	
241.00			9.45	
242.00			0.32	
243.00			3.13	
244.00			0.14	
245.00			0.26	
246.00			6.33	
247.00			0.14	
248.00			0.12	
249.00			0.36	
250.00			0.22	
251.00			0.32	
252.00			0.18	
253.00			6.72	
254.00			0.16	
255.00			0.16	
256.00			0.10	
257.00			0.51	
258.00			N/A	
259.00			2.93	
260.00			3.34	
261.00			1.18	
262.00			6.31	
263.00			7.79	
264.00			10.10	
265.00			0.10	
266.00			13.20	
267.00			3.40	
268.00			0.21	
269.00			0.14	
270.00			2.62	
271.00			4.67	
272.00			1.29	
273.00			0.08	
274.00			0.06	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
275.00			0.10	
276.00			0.06	
277.00			0.32	
278.00			0.38	
279.00			N/A	
280.00			3.01	
281.00			0.20	
282.00			0.34	
283.00			0.36	
284.00			0.51	
285.00			0.36	
286.00			0.26	
287.00			0.32	
288.00			0.26	
E.O.H.				

BOX LOG

HOLE: NIKKI-10-01

BOX	FROM (m)	TO (m)
1	6.50	11.80
2	11.80	15.85
3	15.85	19.40
4	19.40	24.50
5	24.50	28.40
6	28.40	32.49
7	32.49	36.36
8	36.36	40.57
9	40.57	44.70
10	44.70	49.06
11	49.06	53.13
12	53.13	57.06
13	57.06	57.90
14	57.90	63.59
15	63.59	69.25
16	69.25	75.14
17	75.14	81.00
18	81.00	86.89
19	86.89	92.45
20	92.45	97.77
21	97.77	102.81
22	102.81	108.38
23	108.38	113.70
24	113.70	118.96
25	118.96	124.40
26	124.40	130.07
27	130.07	135.39
28	135.39	140.79
29	140.79	145.78
30	145.78	150.84

BOX	FROM (m)	TO (m)
31	150.84	155.62
32	155.62	160.34
33	160.34	165.10
34	165.10	170.90
35	170.90	178.25
36	178.25	181.70
37	181.70	187.65
38	187.65	193.40
39	193.40	199.30
40	199.30	204.48
41	204.48	209.59
42	209.59	215.15
43	215.15	220.27
44	220.27	225.68
45	225.68	231.21
46	231.21	236.69
47	236.69	241.92
48	241.92	247.57
49	247.57	252.64
50	252.64	257.65
51	257.65	263.12
52	263.12	268.07
53	268.07	273.30
54	273.30	278.85
55	278.85	284.06
56	284.06	288.34
E.O.H.		

DRILL HOLE LOG
NIKKI PROPERTY

Hole: NIKKI 10-02 Zone: Page: 01/23
Northing: 6880005m Easting: 500246m Elevation:
Drilling Dates: JUNE 26-JULY 7/10 Logged by: MP PH LIPS
Length: 265.76m Core Size: NTW,BTW Casing: 5.79 (m) in/out

Depth:	0.00		
Dip:	-45°		
Azim:	035°		

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization	From (m)	To (m)	Interval (m)	Sample Number
			0.00	6.71	6.71	CASN	KF 0 QZ 0 MS 0 CY 0 CL 0 CA 0 PY 0 MG 0 FR 0				
			6.71	7.01	0.30	DG.BR	X KF 0 QZ 0 MS 0 CY 0 CL 0 CA 0 PY DT MG 0 FR X	6.71	10.06		G055724
			6.71	7.01	0.30	PP FG	80				
							BR-DR & PP - PP clasts <2cm to 0.10m in a crushed DR matrix;				
							BR - 25°; 0.10m PP on btm cnt - intrusive or overburden? rcdrill/rx				
							PP - ? possibly clasts of DR in br; PP dk wisp fine tx dkr (PPFG)				
			7.01	8.53	1.52	DG.BR	X KF 0 QZ 0 MS # MP TP PS DT MG 0 FR X				
			7.01	8.53	1.52	PPFG	60				
							at btm cnt 5-10cm chilled PP ± minor DE; very wk fine clasts PPFG				
							in DG.BR				
			8.53	10.06	1.53	DRGD	X KF 0 QZ 0 CA 0 TP MS CL WK DT DM A				
			9.80	10.06	0.26	DG.BR	X X				
							DR - normal strength; at btm 5cm br clasts to blk DG; cr 5°				
			10.06	11.58	1.52	DG.BR	X KF 0 QZ 0 CA 0 PS QM PS QW DW X	10.96	13.11		244
							wk br at top below 9.45 intense br - crushed rx, dcr to btm cnt				
			11.58	14.63	3.05	DRGD	X KF 0 QZ 0 CA 0 PA 0 PS DW QW A	13.11	16.15		245
			12.38	12.85	0.53	DG BR	X X				
							DG - clay hb resist, dk green, ±cav; br - icr to 3cm clasts to btm cnt				
							below 12.85 dcr pervasive cy+ca & incr, icr irregular bands hem ±				
							to br				
			14.63	17.68	3.05	DRGD	X KF 0 QZ 0 CA 0 PW PW PS DF QW A	16.15	19.20		246
			16.25	17.68	1.43	DR BR	X X				
							DG-BR - strong ±r, narrow bands of micro breccia icr to btm;				

DRILL HOLE LOG

Hole: NIKKI 10-02 Zone: Page: 02/23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	Visual Log S	Visual Log (m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization	From (m)	To (m)	Interval (m)	Sample Number
			17.68	20.73	3.05	DGBR	KF 0 QZ 0 MS 0 CY PS CL PW CA PS EP 0 PY S1 MG 0 FR X	19.20	20.73		247
							DGBR - crushed cy matrix with clasts <1mm - 6cm wisps dr; 2cm +25° vn cut by ~10° shear br; other shears 10°				
			20.73	23.77	3.04	DGBR X	KF 0 QZ 0 MS 0 CY PS CL 0 CA PS EP 0 PY DF MG 0 FR X	20.73	23.77		248
			21.95	23.77	1.82	DRGD X	CY PM CA PM FR M				
							21.95-22.90 - dark gray, very fine grained matrix - DR?; below 22.90 to bot - typ altered looking drgd - br along fr - weak,				
			23.77	26.82	3.05	DRGD X	KF 0 QZ 0 MS 0 CY <M CL 0 CA PW EP 0 PY DF MG 0 FR A	23.77	26.82		249
			24.55	25.05	0.55	DGBR X	FR X				
							DGBR - micro br related to 10-15° shears; DG - stg microfr				
			26.82	29.87	3.05	DRGD X	KF 0 QZ 0 MS 0 CY <M CL PM CA <W EP DT PY DF MG DF FR A	26.82	29.87		250
			26.82	29.87	3.05	DGBR 10					
							fr dv 40° often grades to narrow br band;				
			29.87	32.92	3.05	DRGD X	KF 0 QZ 0 MS 0 CY #F CL PM CA <F EP 0 PY DF MG QL FR A	29.87	32.92		251
			30.25	31.15	0.90	DGBR X	CY PS CA PS PY >3 FR X				
							DG.BR. - blc, along flt ~10°\40°; to 1cm vt with strong py, ≥40% in br, br in part bc; DG - fr 20°\40°, 40cm band bc-br				
			32.92	35.97	3.05	DRGD X	KF 0 QZ 0 MS 0 CY <W CL PM CA <W EP DT PY DW MG QF FR S	32.92	35.97		252
									CDN CGS 23		253
							DIKE - fr-S local ± to 1cm; narrow inter top 1cm ~25° fr [illegible]				
							[illegible] weak - mod [illegible]				
			35.97	37.83	1.86	DRGD	KF 0 QZ 0 MS C CY <M CL PW CA PM EP 0 PY DW MG QF FR S	35.97	39.01		254
			37.83	39.01	0.18	PPFG	KF 0 QZ 0 MS 0 CY #S CL 0 CA PF MG DM FR S				
							36.25 - 3cm, 40°, br-crushed rx, blc eq, ICF py ~1%; PPFG bc-bc 37.0-37.18; below 36.25 +/- bc; wet 15° br at top dcr to btm, ICF ~25°;				

DRILL HOLE LOG

Hole: NICKI 10-C2 Zone: Page: 03/23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit		Alteration and Mineralization: K.F	QZ	MS	CY	CL	CA	EP		PY		MA	FC	From (m)	To (m)	Interval (m)	Sample Number
			39.01	39.95	0.94	PPFG	X	0	0	0	PM	0	<F	0		DT		0	X	39.01	42.06		255
			39.95	42.06	2.11	DRGD	X	0	0	0	<M	PW	<M	6		DT		DM					

PPFG - Lt sil r 25°, bc-br; 39.95-41.65 - br around up to 1cm shr 20-35°; DRGD - strong crackle fr-bc, no flts or shr scale

			42.96	45.11	3.05	DRGD	X	0	<T	10	PM	0	PF	F	0		PW		QT	BC A	42.96	45.11		256

DG - bc def to 6tm, related to wk ort 1mm to 1cm black shears ~45° occ py, one shear <5mm wide = py; 45.11 6tm fit zone - start seller of crackle

			45.11	48.16	3.05	DRGD	X	P?	0	0	QW	PW	<W	0		PW		0	F	45.11	48.16		257

DG 46.76-47.90 - dark gn ic/alt fx around 15° py shr; rare pink fx - kf(?)

			48.16	51.21	3.05	DRGD	X	0	0	0	EM	QW	<W	PL		DW		DT	F	48.16	51.21		258

DG - ic/alt fx-cy-cy related to fr-15°30° black, ~1/20-30cm; alt gn fr; fr-black shear; 30cm br/wk bet/wen black shears

			51.21	54.25	3.04	DRGD	X	0	0	0	EM	PL	PM	0		PW		0	M	51.21	54.25		259
																					54.25	Blank	260

ic/alt fx-cy-cy related to fr-15°30° black, ~1/20-30cm; py; ic/alt to 10cm; shears 1/15-30cm

			54.25	56.38	2.13	DRGD	X	0	0	0	EM	PL	PF	PT		PF		0	F	54.25	56.38		261
			54.45	54.90	0.45	VEIN	X	5	0	5	PS	0	PS	6		PI			X				

VEIN - 54.45-54.90 - 25° - black shr = py (20%) & br alt ic, irreg vt <5mm py;

			56.38	57.91	1.53	DRGD	X	0	0	0	<T	PL	<L	0		<W		0	A	56.38	57.91		262

DRILL HOLE LOG

Hole: NIKKT 10-02 Zone: Page: 24/23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

| Visual Log | | | From | To | Interval | Unit | Alteration and Mineralization | | |

DRILL HOLE LOG

Hole: NIKKI 10-02 Zone: Page: 05 23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																				From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)		KF		QZ		MS		CX		CL		CA		EP			PY			MG		FR		(m)	(m)	(m)	Number
			79.25	82.30	3.05	PPFG		0		0		0				0	<	W		0			D	F			Q	W		S	79.25	82.30		271
						82.15 - 1cm br-ey+cv fit																												
			82.30	85.34	3.04	PPFG		0		0		0	#	W		0	<	W		0			D	T			Q	W		S	82.30	85.34		272
						1cr v. fine dar aphanitic PPFG																												
			85.34	88.39	3.05	PPFG		0		0		0		0		0	<	W		0			D	T			Q	M		S	85.34	88.39		273
						8.4 to ~88.39 - large core losses - less maybe microbreccia - strong cv+cx fracturing																												
			88.39	91.44	3.05	PPFG		0		0		0		0		0	<	W		0			D	T			D	M		M	88.39	91.40		274
						rare to 1mm fx pha																												
			91.44	94.18	2.74	PPFG		0		0		0	#	W		0	<	W		0			D	T			D	M		M	91.44	94.18		275
						92.30 - 8cm br cv+cx; 10cr fr cx vnt assoc																										1/4 cpl/t		276
			94.18	97.23	3.05	PPFG		0	k		0	<	W		0	<	W		0			D	W			D	M		S	94.18	97.23		277
						95.00 - 95.50 - 1cr fr & narrow bands of mic to br-cy+cx; sole 6 1/2 cbs pale grn PPFG; +sl mic fr & cx vt																													
			97.23	99.06	1.83	PPFG		0		0		0	<	W		10	<	M		0			F	M			D	M		A	97.23	99.06		278
						1-2cm bands fair white fx + dk hbl vnt to mic; 1cr fr, cy & 2-4 cm pcs, 1cr fr sl mic gangue																													

DRILL HOLE LOG

Hole: NIKKI 10-02 Zone: Page: 06/23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																			From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)		KF		DZ		MS		CX		PA				CV			EP		MG		FP				Number
			99.06	99.15	0.09	PPFG		0		0		0	P	W	P	M					10			0		0		A	99.06	99.60		279
						PP - dk green, ICR v fine fxs bbl; phos alt, btm cont last																									
			99.15	99.60	0.45	DRGD	X	0		0		0	P	W	<	W					D	F			D	T	0		M			
			99.60	100.06	0.46	DRGD	X	0		0		0	P	M		0					5	M					0		M	99.60	100.05		280
						DG - dk, bb to py ± dk green min; py ± mag ic; ICR ble to btm; below 99.60 - blc fx - waxy pale green, no ca, v fine di py mineral fr - strong propylitic or wk argillic;																									
			100.06	100.48	0.42	VEIN	X	0		V	50	Q	10		0		0					M	40			0		0		W	100.05	100.75		281
																														at	100.75	Bkgd		282
						vert sharp 25° main flt; PY - massive top, some massive towards blc; MS - main btm 5cm; Lat ck 45°																									
			100.48	100.64	0.16	PPFG	X	0		0		0	P	S	P	S					0			0		0		W				
						PP - blc pale green, strong v fine alt phos ± py ± cpy at matrix, lot 30°																									
			100.64	101.49	0.85	DRGD	X	0	<	T	P	S	#	W	#	W					60	3			0		0		W	100.75	102.55		283
						DG pale grey, MS alt - 1-2% v v fine py; 3 mm py vn 40° near top; occ < 3cm br bands - strong pervas Ca + cy?																									
			101.49	102.34	0.85	DGBR	X	0		0	*	M	#	S	#	S					*	F			0		0		X				
						DGBR - trn cnts, MS alt - v wk py, matrix - strong cy + ca																									
			102.34	102.85	0.51	DRGD	X	0		0		0	P	W		0					D	F			0		0		XX				
						DG - blc - ± mf bl (dk green) dis py - blc propylitic																									

DRILL HOLE LOG

Hole: NIKKI 10-02 Zone: Page: 07 | 23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization KF	QZ	MS	CY	CL	CA	PY	MG	FR	From (m)	To (m)	Interval (m)	Sample Number
			102.85	104.20	1.35	DG BR	X 0	P M	P S	0	0	< T	D 3	0	X	102.85	104.20		284
			103.40	103.87	0.47	VEIN	10 0	P M	P M	0	0	0	V 30	0	0				
			DG BR - clasts < 1 mm - 2cm; lt-med gray MS+qz(P)+dis py 2-3% a no cav; VN - 3 & 6 cm; 25° - qz-py-MS veins																
			104.20	104.90	0.70	DG BC	X 0	0	Q W	P W	0	P W	W	0	S	104.20	105.77		285
			DG - light colored - CY alt - fx-mf-cy, carbs wkly; 1 at 10cm crushed br;																
			104.90	105.77	0.87	FPFS	X 0	0	0	?	C	K W	D T	D M	C				
			PG - [illegible] wk pla [illegible] wet br fine - 1cm clasts ~15cm wide																
			105.77	107.18	1.41	PPFS	X ?	< W	0	P W	0	K M	0	0	C	105.77	107.59		286
			PG - dark toned aphanitic light green Fs matrix ~ 30-60% mafics; fsp rich, MS: kr, ~ 5 mm, NO MG.																
			107.18	107.59	0.41	DG BR	X 0	0	< M	P M	0	K W	D T	0	X				
			CG ? possibly highly shr. PP																
			107.57	108.40	0.81	DG BR	X <	V 30	?	P S	0	K M	D	0	X	107.59	108.51		287
			107.59	108.40	0.81	VEIN	X												
			VN ZONE - up to 2cm wh-tc qz ± ck veins, barren looking; qz ior to lat																
			108.40	109.23	0.83	DR GD	0	0	0	P W	0	P W	0	0	S	108.51	110.51		288
			DR - wk blc, br - <3cm top, middle & btm, cnt @ ~45°																

DRILL HOLE LOG

Hole: NIKKI 10-02 Zone: Page: 08/23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

| Visual Log | | | From | To | Interval | Unit | | Alteration and Mineralization | | |

DRILL HOLE LOG

Hole: NIKKI-10-02 Zone: Page: 09 | 23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit		Alteration and Mineralization																From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)			KF	QZ	MS	CY	CL	CA				PY			MG		FR		(m)	(m)	(m)	Number
			121.92	124.97	3.05	PPFG	X	-	0		0		0	P	L		0	F	W				D	T		D	M		F	121.92	124.97		295

CT - MM+CY? ; v fine 'like' - not ca. 2 dir?

			124.97	128.02	3.05	PPFG	X	-	0		0		0	P	L	?		F	W				D	T		D	M		F	124.97	128.02		296

PG - occ diamagnetic - alt hbl?

			128.02	131.06	3.04	PPFG	X	-	0		0		0	#	W		0	F	W				D	T		D	M		F S	128.02	131.06		297

129.05 below fr-S; 129.05 - 130.72 - ±tan - seam-vn 4cm Cr ± in middle 30cm vuggy fr

			131.06	134.11	3.05	PPFG	X	-	0		0		0	<	W			F	W				D	T		D	M		M	131.06	134.11		298

fr - occ lag ± vug

			134.11	137.16	3.05	PPFG	X	-	0		0		0	<	W		0	F	W				D	T		D	M		S	134.11	137.16		299

MG - 1-2%; 2 brs - narrow along fr, 60° ± conformable - ±ltc

			137.16	140.21	3.05	PPFG	X	-	-		-		-	#	W		c	F	W				D	T		D	M		S	137.16	140.21		6055 7306

BR - [illegible] - 4cm veins from wk fracs to strong cmst fx

			140.21	141.22	1.01	PG BR	X	-	0		0		0	#	S		0	#	S				<	F			0		X	140.21	141.25		6055 8831
			141.22	143.26	2.04	PPFG	X	-	0		0		0		0		0	P	M				D	T		Q	M		M	141.25	143.26		832

PP - this looks like PPFX?; 140.77 - 141.22 - br-1-2mm ICr to 2cm at 4fm, ±80° dip; PPFG; ca - trace P wk fr;

DRILL HOLE LOG

Hole: NIKKI 10-02 Zone: Page: 10/23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	Visual Log S	Visual Log (m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization	From (m)	To (m)	Interval (m)	Sample Number
			143.26	143.70	0.44	PPFG X	K F: D; Q Z: D; M S: D; C Y: D; C L: D; ° A: ≤ P W; P Y: S T; M G: D; M S: M	143.26	146.30		833
			143.70	144.95	0.75	PG BR	K F: D; Q Z: D; M S: D; # S; C L: D; ≤ M; P Y: D T; M G: D T; M S: X				
						PG BR - upper 45cm crushed matrix wk ser, sl FX, locally v strong FX; to btm der br to strong fr; br - 30°				
			144.95	146.30	1.35	PPFX X	< W; C; D M; M				
						PPFX - typical Dawson Range type - mod fx plus minor alt'n fx plus; throughout ~1 - 4cm wk br - minor gouge (crushed)				
			146.30	149.35	3.05	PPFX X	< W; D C; A	146.30	149.35		834
						PF - ~30% mod qzed fx plus fresh, alt'd gy-grn fine grnd ti phyric ~3%	2nd	149.35		835
							Standard CDN CGS 23				
			149.35	152.40	3.05	PPFX X	D; D; D; # M; < W; D; < W; # M; J; D S; S	149.35	152.40		836
						fits - 149.35-149.55 & 150.65-151.07 - 2 br zones each narrow br - clastic gouge; 2v+2a [illegible] throughout elsewhere fr; rare rxd to 2 oxd mx				
			152.40	154.23	1.83	PPFX X	D; D; D; < W; D; < W; D; D T; S	152.40	154.23		837
						fit - 153.90 - 154.02 - 20° chl [illegible]					
			154.23	156.36	2.13	PPFX X	D; D; D; < T; < W; D; D E; E	154.23	156.36		838
								2nd	156.36	¼ split	839
			156.36	158.50	2.14	PPFX X	D; D; D; < T; < W; D; D S; A	156.36	158.50		840

DRILL HOLE LOG

Hole: NKT 10-02 Zone: Page: 11/23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit		Alteration and Mineralization																		From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)			KF		QZ		MS		CX		CL		CA				PY			MG		FR	(m)	(m)	(m)	Number
			158.50	160.08	1.58	PPFX	X	o		o		o		<	W	o		<	W					o			D	S	A	158.50	160.93		841
						ICR fr 2 thin bands br rear, btn oct"																											
			160.08	160.93	0.85	PPFG	X	o		o		o		#	S			#	S					@	1		*	S	X				
						160.08 - 160.13 - strong br - strong crush matrix, PPFC clast, 15% connection																											
						light colored - 1% dissem; below 160.13 weaker br clasts > crushed matrix																											
			160.93	163.68	2.75	PPFG	X	o		o		o		#	S			#	S					o			D	S	S	160.93	163.68		842
						PPFx - wk v fine grn - fx; 160.93 - 161.40 strong br clasts = crush matrix																											
						163.00 - 163.68 - wk breccia - minor crush matrix;																											
			163.68	164.40	0.72	PPFG	X	o		o		o		<	W			<	W					D	T		D	M	S	163.68	165.51		843
						oct - wk narrow br																											
			164.40	165.51	1.11	DRGD	X	o		B	T	o		#	M	o		#	M					D	T		D	T	A				
														<	W			<	W														
						oct - 2cm sharp sawn; on 1m outside br - strong crushed matrix, trace fine blebby py; 40cm br; most dr - dk - platy lithic alt, fx soft med green																											
			165.51	166.45	0.94	DGBR	X	o		o		o		#	M	o		#	M					D	T		*	W	X	165.51	168.25		844
														P	W																		
						BR - occ bcm clast (dark) in most crushed matrix > < lcm clasts																											
			166.45	168.25	1.80	PPFG	X	o		o		D	<	T		o		<	W					D	T		D	M	M				
																		P	M														
						oct 15cm br, ~25° crushed > clasts; PG - med gray, wk v fine phs fx at ic° plus strong pull apart sx. - could have been matrix beds?																											

DRILL HOLE LOG

Hole: NIKKI 10-03 Zone: Page: 10 of 23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																				From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)		K	F	Q	Z	M	S	C	Y	C	L	C	A	P	Y	M	G	F	R	(m)	(m)	(m)	Number
			168.25	170.68	2.43	PPFG		0		0		0	<	W		0	P	S	D	T	D	M		A	168.25	170.68		845
																	<	W											

PG - strong pervasive sericite

			170.68	171.10	0.42	PPFG		0		0		0	#	M		0	#	M				10			0		S	170.68	173.13		846
																	<	W												

170.60 - 171.10 - highly fr - narrow wk br at top 2.5cm - 40° crush matrix at 6tm;

			171.10	173.13	2.03	DRGD		0		0		0	P	W		0	<	W			D	E			0	M	S			
													<	W																

DG - slight wk llc - fx - soft pale - dk green (MM) rea / 6tm. becomes typical dk DRGD

			173.13	173.80	0.67	DRGD		0		0		0	<	W		0	<	W			D	F			0		S	173.13	175.87		847

DG - wk blc, up to 1% dk py, one wk br - 3cm; lower cnt vague

			173.80	175.87	2.27	PPFX		0		0		0	<	W		0	<	F			D	T			Q	W	S			

vct 20cm fx phn - dk green cst - mm²; bc to 175m; canv 3 - 15mm fair,

			175.87	178.00	2.13	PPFX		0		0		0	<	W	P	T	<	W			D	T			D	S	S	175.87	178.00		848
																	P	T												

fr-S - fine bc fr 10° with wk br; fx - fresh, hb to clor dk green mm;

			178.00	181.05	3.05	PPFX		0		0		0	<	W		0	<	W			D	T			[illegible]		C	178.00	181.05		849

fr-S sl strong pervasive fr - bc; br - wk [illegible] cm [illegible]; fr - 90° v v wk br [illegible]

DRILL HOLE LOG

Hole: NIKKI 10-02 Zone: Page: 13 23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit		Alteration and Mineralization														From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)																	(m)	(m)	(m)	Number
			181.05	183.18	2.13	PPFX	X		0		0		0	<	W		0	<	W																

DRILL HOLE LOG

Hole: NIKT 10-02 Zone: Page: 14/23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)			KF	QZ	MS	CY	CL	CA				PY	EP	MG	FR			(m)	(m)	(m)	Number
			198.12	201.17	3.05	DRGD	X	?W		D		D	<W	PL	<W			DF	DT	QW		A		198.12	201.17		856
						uct - 40cm band strong [illegible] narrow br; KF-?-5° [illegible]																						
						ict fr to bottom 5%																						
			201.17	204.22	3.05	DRGD	X	PT	<T		O	<W		O	<W			D1	DT	DT		S		201.17	204.22		857
						KF- pink fs plag's, white to cloudy [illegible] throughout bands up to 40cm wide. v.f. kf. 12vt near btm 5mm 5-10° no py																					
			204.22	207.26	3.04	DRGD	X	?	O		O	<W	PW	<W				D1		O	QW		S	204.22	207.26		858
			204.77	205.57	0.80	FT2N	X					#S		#S									X		207.38		859
						FT2N - strong crush matrix 40° clasts matrix 2mm; 207.0 - 207.26 br - strong crush matrix; between 207.57 - [illegible] - [illegible] & fol wk fr to 30° to kc																				Standard CDN [illegible]			
			207.26	210.01	2.75	PPFG	X	O	O		O	O	<T					O		O	DM		S	207.26	210.01		960
						PPFG - dk green-grey wk [illegible] matrix																						
			210.01	212.75	2.74	PPFG	X	O	O		O	#	M	6	QM					D		O	DM		S	210.01	212.75		851
						FT2N 210.02 - 210.80 - 20cm crush br at top 25cm at btm br - wk crush matrix, between kf - intense fr; 212.10 - 212.40 - wk kr - bc, br 2cm - strong intense 2cm;																					
			212.75	215.49	2.74	PPFG	X	O	O		O	O	O	$	W	W				O		O	DM		S	212.75	215.49		862
			214.60	215.49	0.89	DRGD	X	6	O		O	#	W	P	W	#	W			O		D	DT		X				
						213.94 - 214.21 - br - clast < gouge matrix - wk; diorite broken xcg 215.17 - 49 - br - wk cy matrix; fr = f;																					
			215.49	218.24	2.75	DRGD	X	P	W		O	O	#	S	P	W	P	S			D	T		O	Q	W		X	215.49	218.24		863
						215.65 - 216.60 br - strong flt matrix >> clasts cntstrn; kf - wk pink plag's, pale green; br - clasts PPFG >> DC																					

DRILL HOLE LOG

Hole: NIKKI 10-02 Zone: Page: 15/23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

| Visual Log | | | From | To | Interval | Unit | Alteration and Mineralization | | |

DRILL HOLE LOG

Hole: NIKT 10-02 Zone: Page: 16/23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

| Visual Log | | | From | To | Interval | Unit | Alteration and Mineralization | | |

DRILL HOLE LOG

Hole: NIKKI 10-02 Zone: Page: 17/23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

| Visual Log | | | From | To | Interval | Unit | Alteration and Mineralization | | |

DRILL HOLE LOG

Hole: NIKKI 10-02 Zone: Page: 19 | 23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit		Alteration and Mineralization																								From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)			ZE		QZ		MS		CY		CL		CA					PY		FP		MG		FR		(m)	(m)	(m)	Number
			269.75	273.10	3.35	DRGD	X		0		0		0	#	W	P	W	½	W					D	W		0		0		S	269.75	273.10		887
			271.15	271.90	0.75	FTBR	90							#	M			#	M								0		0		X				
						at ust 10 cm sed mill zone br; FTBR - wk mill dor zone 50-70% or ~20°																														
						DG - wide spaced < 2-5 cm mill br, wk																														
			273.10	275.23	2.13	DRGD			0		0		0	<	W	P	W	<	W					<	W				0		J	273.10	275.23		888
			273.71	274.30	0.40	FTBR	60							#	M			±	M					<	T		0		0		X	at	275.23		889
						273.10 - 10cm br wk cy, py in 30° dk shear; FTBR - 1cm bands milled br;																														
						near top 30cm band br < 1cm wide; DG - wide milled fr to br																														
			275.23	277.06	1.83	DRGD	X	?	T	<	W		0	#	M	P	W	#	M					½	F		0	0	T		S	275.23	277.06		890
						275.23 - 10cm milled br - 30° wk shr blocks vfs; 275.87 - 276.45 - br -																														
						at top 15cm milled br and vfg to fr dissem hem qtz fr; bottom part br																														
						2 - < 3mm qtz ± py ± cpy ± fracture out from fracs present																														
			277.06	279.81	2.75	DRGD	X		0	<	T		0	#	M	P	W	#	M					½	W		0	D	M		S	277.06	279.81		891
						277.77 - 35cm br - 30° strong milled; below 277.90 to btm - wk narrow																														
						milled br s strong fr - py in fracs, py - v wk < 2mm py vt;																														
						1% vt + in rare																														
			279.81	283.01	3.20	DRGD			0	<	T	E	T	#	M	P	W	#	M					½	F	D	T		0		S	279.81	283.01		892
			280.62	283.01	2.41	FTBR	20																												
						FTBR - 2-5cm s spc 30cm milled br ~45°; pyvlt 1 to 5mm in																														
						shrdg, one has 25mm cc cmns, pyvt 35 to 50°; DIOR - crackle to																														
						ier around milled br bands, dark dr, cy on be fr common;																														
			283.01	285.90	2.89	DRGD	X	?	T		0		0	<	W	P	M	<	W					½	W	D	T		10		S	283.01	285.90		893
			284.84	285.90	1.06	FTBR	80	*	T		0		0	#	M		0	#	M																
						283.62 to 284.84 - 1/30cm narrow milled br in bc dior; parting																														
						dk grey crushed py in br s shrs; pink kf in br																														
			285.90	289.10	3.20	DRGD	X	P	W		0		0	#	M	P	W	#	M					D	W		0		0		S	285.90	291.60		894
			285.90	289.10	3.20	FTBR	80																												
						FTBR - narrow bands (< 15cm) of milled br with cm bc-brick milled																														
						rock - dc sericitized to cly																														

DRILL HOLE LOG

Hole: NIKKI 10-02 Zone: Page: 19/23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)		KF	QZ	MS	CY	CL	CA					PY	EP	MG	FR			(m)	(m)	(m)	Number
			289.10	291.69	2.59	FTBR	X	0		0		0	#	S	QW	#	S				DF		0		0		X	289.10	291.69		895

289.10 - 289.85 - PPF; dark gy br - coarse clast DG

289.85 - 290.17 DG - high u'r wk blc

290.17 - 291.30 br - mineral wk-strong, clasts PPF? DRGD

291.30 - 291.69 PPF: - dk, strong br, vct start PPFQ

This appears to be the base of the wide upper fault zone

			291.69	294.13	2.44	PPFG	X	0		0		0	<	W		0	<	W				DT		0		DS		A	291.69	294.13		896

vct - 30cm br - mixed matrix at ICR clasts to bttm; 292.43 - vct 5cm 35° stk - fine pt dk ICR clasts PPFG fine > med and phen. matrix

vct - 2cm, 5cm matrix sil stringers

			294.13	294.87	0.47	PPFG	X	0		0		0	<	W		0	<	W				DT		0		DT		A	294.13	295.66		897
			294.87	295.66	0.79	DRGD	X	0	<	1	E	2	<	VV	<	M	<	W				<D	3	0		0		M				

Let - chilled, ±80°; towards bttm cut by wk cy DRGD - over ~ 50cm band - 3 vts varies from 2mm apart to 3-10mm pyvt ±92 & 2cm mx alter - DG - to 4cm bands hx - wk cy matrix; vts - ±60°

			295.66	298.70	3.04	DRGD	X	P	W	<	2	E	3	#	W	P	M	#	M			<D	1	0		0		M	295.66	298.70		898
																												A	at	298.70	PLANK	899

DG - dark, wk bf below 270.7 narrow bands br-bc ICR to bttm cpt

veining - strongest to bttm, 92 vt - up to 10mm av 1-3mm ± py(w) & py vt to 10cm av 1-2mm with wk en up to 2cm, pyvt xc qz vt.

veining - stk, br - 2.5cm, 55° at top;

			298.70	301.75	3.05	PPFQ	X	Q	M		0	<	T	D	T	D	T	D	W			<D	3	0		0		F	298.70	301.75		900

PPFQ - vct 298.77 - flt br 5cm - to 299.86 light gray weak fine grained qz phen ± fine pt ± py ± cc ± ep in matrix, below 299.86 ICR phen ± py ± pt, ± pink - k ± ± loom, below 301.22 - section for PPFG zenolith at bttm 5cm br, fair 5-10cm bc & br wk fr py most dis - 2%

DRILL HOLE LOG

Hole: NIKKI 10-02 Zone: Page: 20/23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization	From (m)	To (m)	Interval (m)	Sample Number
			301.75	302.85	1.1	PPFQ	X 0 0 0 P M 0 < W DZ 3 0 0 A	301.75	304.19		901
			302.85	304.19	1.34	PPFG	X 0 0 0 0 P < W D W 0 Q M A				
						PPFQ - dark colored fine fx??? vein, fx oriented to coarser mineral aphanitic matrix, minor small zones PPFG; let vague, PPFG = v fine fx pho - fine matrix w/ nucleating to mic matrix				
			304.19	307.24	3.05	PPFG	X 0 0 0 # W 0 P W D W 0 D T A	304.19	307.24		902
						as above 10 ± 5 cm wk br-wk mod fx;					
			307.24	309.68	2.44	PPFG	X 0 0 0 # W 0 P S D W 0 Q M A	307.24	309.69		903
						2, 5 ± 15 cm br - 45° fine pitted matrix, fr - sht 55° ; PPFC pervasive ca = 5					
			309.68	311.45	1.77	PPFQ	X 0 0 0 < W 0 P M D W 0 0 A	309.69	312.42		904
			310.62	312.42	1.80	PPFQ	60 0 0 0 P W 0 < W D Z 3 0				
						PPFQ - strong musc +r, qz pho, cy alt v fine pho - fx inf?, light colored matrix chilled to v fine grained, note ICR py, minor fr py,					
			312.42	314.25	1.83	PPFQ	T 0 < W E V # M 0 P M D Z 02 0 0 A	312.42	314.25		905
						PPFQ - ICR fx (pale orange white) & inf - now alt py ± 2% to pyrite veins, py vlt 1 to 4 mm wide with qs ca - 3 cm qz vlt < 2 mm wide, to 313.25 - br & bc bands common - cy = 5,					
						py vt + qs ca - 1/15-20 cm spacing					
			314.25	317.30	3.05	PPFQ	X T 0 < W E 3 P M P W P W D Z 02 Jo 0 0 A	314.25	317.30		906
						PQ - equi fx veined alt inf - cloudy, minor pho, below 314.70 - v/t occ minor py veinlets to fx pho, below fault at 315 qz pho in v fine grained matrix, minor fx pho - fine matrix; py (< 1mm) ± qz ± cm to 3 cm qs - pyrite, minor qz vlt < 5 mm; dis py cemented by alt matrix occ < 2 cm milled br 3 locally narrow bands bc - cy fr	Standard CDN-CGS		23		907

DRILL HOLE LOG

Hole: NICKY 10-02 Zone: Page: 21/23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization	From (m)	To (m)	Interval (m)	Sample Number
			317.30	320.34	3.04	PPFQ	K F QZ MS CY CL CA PY EP MG FP o < W E 02 P W P T # W 5 02 0 0 A PQ - similar prev, varies lt color qz phn in phan matrix minor fine frxn f to v crowded fl phn, trace f-m pheno phn; below 319.34 occ <5cm br - milled throughout fr-S with cm gouge; qzvt < minor, pyvt - 1% 1-4mm av 2	317.30	320.34		908
							± qz ± qsp en (to 3cm, most < 1cm); PQ - crowded most common				
			320.34	323.08	2.74	PPFQ	X o < W E 03 < W P T < W 5 01 0 0 S	320.34	323.08		909
			320.80	322.60	1.80	FTZN	90 # S # M				
							FTZN - strong milled br to d, 5-60cm wide, in fr/gouge, strong CD, CaVn - 15cm @ 45° to c.a., c.c; elast qsp in fltt br; pyvt ± qz 1-5mm ~ 05%, qsp en to 2cm; DR as previous;				
			323.08	323.72	0.64	PPFQ	X o o o P W o < W D W o o S	323.08	325.53		910
			323.72	325.53	1.81	PPFX	X o o o P W o < W D T o o S				
							PP - fr S cooled cy, ~cm milled br, stm cnt fltt br; PP - fine-med ± xpln in aphan to matrix, 224.5 - 15cm mill br - PP: lost; qzvt ± qsp en accent; PPFX - not typical Dawson Range type that has mixl matrix				
			325.53	328.57	3.04	PPFX	X o o o < W P T < W D T o o S	325.53	328.57		911
			325.53	327.70	2.17	FTBP	45 o o o # M o # M LS				
							FTBP - 35 - 50cm bands of milled br; PP - as above, v wk, qzs v fine mf phn - alt; PPFG - uct ~ 328m to 328.57 - strong v fine fx phn in a mxl matrix - strong pervasive cca, dk gray green color;				
			328.57	329.18	0.61	PPFG	X o o o P W P T KW D T o o S	328.57	331.93		912
			329.18	331.93	2.75	PPFX	X E T # W o # W D 01 o H E S				
							PPFG - v wk fx phn in green matrix - btm cnt fltt br - possible variety of PPFX PPFX - [illegible] with trace fine-med fx orange phn in matrix, 331.70 - 331.76 ± black flt zone (clasts PF) shared PPFG; at top 10cm bx				
			331.93	334.67	2.74	PPFQ	X o < T E 2 5 M o < W D 02 0 0 S	331.93	334.67		913
									1/4 core split		914
							PP - pale orange to green, v rare patchy + bands qz, v fx but most look like lighter flt, wk, alt phn to ay, py-d 1-2%, ck ± py; ± bands 332.70 - 333.00 very				

DRILL HOLE LOG

Hole: NIKT 10-02 Zone: Page: 22 / 23

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization	From (m)	To (m)	Interval (m)	Sample Number
			334.67	337.41	2.74	PPFQ	KF 0 QZ <1 MS 2 CY CL CA PY P2 01 EP 0 MG 0 FP M	334.67	337.41		915
							bl - wk 20cm at btm cnt, occ shr gouge(cy) on fr; qzvt <1-2mm wk py - occ to 2mm ± wk py, x-c qzvt, qspen up to 1cm; PPFQ: mostly crowded fx, a band fx wk;				
			337.41	340.77	3.36	PPFQ	X c 0 0 0 0 <T PY 0 EP 0 MG DS M	337.41	340.77		916
			339.00	340.77	1.77	PPFQ	X 0 <2 E 3 <W 0 <T PY 5D 01 M				
							PPFG - fair v fine - <2mm fx phn in a dk, gray matrix, note mg=5 common in trace unit; PPFQ - qzvt - <1mm - 10mm av 1-2mm, wk py rare 5mm, qspen - most 1-3mm rare 10mm; strong fx phn				
			340.77	342.90	2.13	PPFQ	X <1 E 1 <W 0 PT PY 5D F EP 0 MG M AG A	340.77	342.90		917
							qzvt - almost all <1mm, rare 1cm, sketchy shallow dip, minor py; def en qspen py ut;				
			342.90	345.03	2.13	PPFQ	X 0 <2 E F - W 0 PT PY P2 F EP 0 MG A	342.90	345.03		918
			344.45	345.03	0.58	FTBR	X # C X				
							FTBR - weak to strong milled br, fr - ±10° slk sx common; qzvt <1-5mm av 2 ± py (leach); qspen av qzvt - weak;				
			345.03	347.47	2.44	PPFQ	X 0 <1 E W <W 0 <T PY P2 W EP 0 MG S	345.03	347.47		919
							to 345.30 - FTBR; qzvt ± py (leach) 1-6mm av 1-2mm; pervasive wk serick qspen; fr-S sub ir zone, slk gouge cavity coated				
			347.47	349.30	1.83	PPFQ	X 0 <W E T # W 0 <T PY P2 W EP 0 MG A	347.47	349.30		920
							py ut - tr v wk; qzvt 1-2mm, v wk py; Core broken - hole sub ll fr; tan gouge core wedged in core barrel (brittle, rounded) wide spaced <3cm milled br on fr				
			349.30	351.43	2.13	PPFQ	X 0 <W E T P W 0 <T PY P2 W EP 0 MG S	349.30	351.43		921
			350.80	351.43	1.43	FTBR	So				
							FTBR - milled br grading into strong shr gouge rock; 2-<3cm milled br near top section; qzvt & py in fract				

DRILL HOLE LOG

Hole: NIKKI 10-02 Zone: Page: 23/23

Northing: Easting: Elevation: Depth:

Drilling Dates: Logged by: Dip:

Length: Core Size: Casing: (m) in/out Azim:

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization	From (m)	To (m)	Interval (m)	Sample Number
			351.43	354.48	3.05	PPFQ	KF QZ MS CY CL CA MO PY EP MG FE	351.43	354.48		922
							PPFQ - grades from normal pale strong to oxidized grey color due to fx to pale green cy (MM) & ser. mg on and patch alt' strong bx intersect				
			354.48	357.53	3.05	PPFQ	X ° < W E E P W P W 0 < ? S I 0 0 M	354.48	357.53		923
			357.00	357.53	0.53	PPFG	X ° 0 0 0 0 < F ? 0 0 0 D S M				
							355.15 - 357.00 - uct trn, lat shap 45° - def xphn ser qzphn - looks chilled edge of intrusive, tolat in sbr (vi) & br, 356.32 - fr - md(?) looking - v wk amt, PPFG - as seen prev. black gray hard v fine grned matrix, mod fract hard fx phn dkgrey ca, bb, note MG, MO(?) possible specular hc				
			357.53	360.88	3.35	PPFG	X ° 0 0 # W 0 < W 0 D T 0 D S A	357.53	360.88		924
							as above occ patch strong fr & fx to y				
			360.88	361.00	0.12	PPFG	X ° 0 0 # W 0 < W 0 D T 0 D S A	360.88	363.02		925
			361.00	363.02	2.02	PPFQ	X ° < I E T # W 0 0 0 D < F 0 0 A	at	363.02	Blanks	926
							361.00 - cnt 70°(?) PPFQ - uct 15cm br strongcy, looks chilled like at top & to btm ic phn fx, light gray color, 15cm br - near btm, qxt < 2mm, SK weak py				
			363.02	365.76	2.74	PPFQ	° < W E F < W 0 < W Y 0 S I 0 0 M	363.02	365.76		927
							below 363.75 - bands wk hc on 15° fr, dsr qxt ser pervit-wkenings qxt to 10mm, most 1-2mm, not fr gypsum; PP - matrix light color microcrystalline, fx - crowded				
			365.76		E.O.H						

Complete Sample List

Property:	NIKKI														
Hole	From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Cu (ppm)	Mo (ppm)	As (ppm)	Bi (ppm)	Comments
NIKKI-10-02	0.00	6.71	6.71			N/S								Not sampled
NIKKI-10-02	6.71	10.06	3.35			G0557243	4	0.0025	0.3	102	<1	1	1	
NIKKI-10-02	10.06	13.11	3.05			G0557244	4	0.017	0.7	173	1	8	2	
NIKKI-10-02	13.11	16.15	3.04			G0557245	4	0.0025	0.3	92	2	1	1	
NIKKI-10-02	16.15	19.20	3.05			G0557246	4	0.033	1.3	271	2	14	3	
NIKKI-10-02	19.20	20.73	1.53			G0557247	4	0.0025	0.3	76	2	1	2	
NIKKI-10-02	20.73	23.77	3.04			G0557248	4	0.026	1	199	<1	2	3	
NIKKI-10-02	23.77	26.82	3.05			G0557249	4	0.01	0.7	179	<1	3	2	
NIKKI-10-02	26.82	29.87	3.05			G0557250	4	0.005	0.3	98	<1	1	1	
NIKKI-10-02	29.87	32.92	3.05			G0557251	4	0.031	0.7	62	<1	9	1	
NIKKI-10-02	32.92	35.97	3.05			G0557252	4	0.005	0.2	133	<1	1	1	
NIKKI-10-02						G0557253	4	0.198	2	1925	156	28	3	CDN-CGS-23
NIKKI-10-02	35.97	39.01	3.04			G0557254	4	0.014	0.4	110	1	5	1	
NIKKI-10-02	39.01	42.06	3.05			G0557255	4	0.08	1.2	180	1	8	1	
NIKKI-10-02	42.06	45.11	3.05			G0557256	4	0.0025	0.1	56	2	3	1	
NIKKI-10-02	45.11	48.16	3.05			G0557257	4	0.0025	0.2	346	2	2	1	
NIKKI-10-02	48.16	51.21	3.05			G0557258	4	0.0025	0.1	117	<1	1	1	
NIKKI-10-02	51.21	54.25	3.04			G0557259	4	0.006	0.3	165	<1	5	1	
NIKKI-10-02						G0557260	4	0.0025	0.1	<1	<1	2	1	BLANK BATCH B
NIKKI-10-02	54.25	56.38	2.13			G0557261	4	0.007	0.2	259	3	2	1	
NIKKI-10-02	56.38	57.91	1.53			G0557262	4	0.005	0.5	174	1	1	1	
NIKKI-10-02	57.91	60.96	3.05			G0557263	4	0.007	0.8	118	1	4	1	
NIKKI-10-02						G0557264	4	1.015	5.1	13600	213	20	1	CDN-CGS-21
NIKKI-10-02	60.96	64.01	3.05			G0557265	4	0.0025	0.2	271	7	6	1	
NIKKI-10-02	64.01	67.06	3.05			G0557266	4	0.0025	0.1	76	1	9	1	
NIKKI-10-02	67.06	70.10	3.04			G0557267	4	0.0025	0.1	41	1	12	1	
NIKKI-10-02	70.10	73.15	3.05			G0557268	4	0.0025	0.1	35	1	6	1	
NIKKI-10-02	73.15	76.20	3.05			G0557269	4	0.0025	0.1	33	<1	4	1	
NIKKI-10-02	76.20	79.25	3.05			G0557270	4	0.019	0.1	33	<1	5	1	
NIKKI-10-02	79.25	82.30	3.05			G0557271	4	0.0025	0.1	32	<1	1	1	
NIKKI-10-02	82.30	85.34	3.04			G0557272	4	0.0025	0.1	32	<1	2	1	
NIKKI-10-02	85.34	88.39	3.05			G0557273	5	0.0025	0.4	31	<1	6	1	
NIKKI-10-02	88.39	91.44	3.05			G0557274	5	0.0025	0.3	30	<1	2	1	
NIKKI-10-02	91.44	94.18	2.74			G0557275	5	0.0025	0.3	30	<1	5	1	
NIKKI-10-02						G0557276	5	0.0025	0.3	32	<1	4	1	1/4 SAMPLE OF 275
NIKKI-10-02	94.18	97.23	3.05			G0557277	5	0.0025	0.3	42	<1	2	1	
NIKKI-10-02	97.23	99.06	1.83			G0557278	5	0.0025	0.4	62	<1	2	1	
NIKKI-10-02	99.06	99.60	0.54			G0557279	5	0.01	0.7	798	<1	2	1	
NIKKI-10-02	99.60	100.05	0.45			G0557280	5	0.016	1	55	15	5	1	
NIKKI-10-02	100.05	100.75	0.70			G0557281	5	0.231	6.7	127	7	23	14	
NIKKI-10-02						G0557282	5	0.0025	0.4	<1	<1	1	1	BLANK BATCH B
NIKKI-10-02	100.75	102.85	2.10			G0557283	5	0.022	1.3	194	1	5	3	
NIKKI-10-02	102.85	104.20	1.35			G0557284	5	0.039	1.1	258	29	8	4	
NIKKI-10-02	104.20	105.77	1.57			G0557285	5	0.005	0.5	163	<1	4	1	
NIKKI-10-02	105.77	107.59	1.82			G0557286	5	0.0025	0.4	137	<1	2	1	
NIKKI-10-02	107.59	108.51	0.92			G0557287	5	0.0025	0.1	38	<1	3	1	
NIKKI-10-02	108.51	110.51	2.00			G0557288	5	0.008	0.1	117	<1	4	1	
NIKKI-10-02	110.51	112.47	1.96			G0557289	5	0.0025	0.1	33	<1	6	1	
NIKKI-10-02	112.47	114.91	2.44			G0557290	5	0.0025	0.1	28	<1	4	1	
NIKKI-10-02						G0557291	5	0.944	4.8	13300	201	25	9	CDN-CGS-21
NIKKI-10-02	114.91	117.04	2.13			G0557292	5	0.0025	0.1	24	<1	1	3	
NIKKI-10-02	117.04	119.18	2.14			G0557293	5	0.0025	0.1	34	<1	7	1	
NIKKI-10-02	119.18	121.92	2.74			G0557294	5	0.0025	0.1	32	<1	5	1	
NIKKI-10-02	121.92	124.97	3.05			G0557295	5	0.0025	0.1	40	<1	4	1	
NIKKI-10-02	124.97	128.02	3.05			G0557296	6	0.0025	0.1	40	<1	11	1	
NIKKI-10-02	128.02	131.06	3.04			G0557297	6	0.012	0.1	35	<1	6	1	
NIKKI-10-02	131.06	134.11	3.05			G0557298	6	0.0025	0.1	36	<1	7	1	
NIKKI-10-02	134.11	137.16	3.05			G0557299	6	0.0025	0.1	32	<1	6	1	
NIKKI-10-02	137.16	140.21	3.05			G0557300	6	0.0025	0.1	36	<1	6	1	
NIKKI-10-02	140.21	141.25	1.04			G0558831	6	0.016	1.4	454	46	34	1	
NIKKI-10-02	141.25	143.26	2.01			G0558832	6	0.0025	0.1	30	<1	13	1	
NIKKI-10-02	143.26	146.30	3.04			G0558833	6	0.0025	0.1	279	6	12	1	

Complete Sample List

Property:	NIKKI														
Hole	From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Cu (ppm)	Mo (ppm)	As (ppm)	Bi (ppm)	Comments
NIKKI-10-02	146.30	149.35	3.05			G0558834	6	0.0025	0.1	143	<1	6	1	
NIKKI-10-02						G0558835	6	0.164	2.2	2000	158	23	3	CDN-CGS-23
NIKKI-10-02	149.35	152.40	3.05			G0558836	6	0.0025	0.2	142	<1	1	1	
NIKKI-10-02	152.40	154.23	1.83			G0558837	6	0.0025	0.2	128	<1	1	1	
NIKKI-10-02	154.23	156.36	2.13			G0558838	6	0.0025	0.2	130	<1	1	1	
NIKKI-10-02						G0558839	6	0.0025	0.4	130	<1	1	1	1/4 SAMPLE OF 838
NIKKI-10-02	156.36	158.50	2.14			G0558840	6	0.0025	0.3	125	<1	1	1	
NIKKI-10-02	158.50	160.93	2.43			G0558841	6	0.0025	0.2	89	<1	1	1	
NIKKI-10-02	160.93	163.68	2.75			G0558842	6	0.0025	0.2	36	<1	1	1	
NIKKI-10-02	163.68	165.51	1.83			G0558843	6	0.0025	0.4	299	8	1	1	
NIKKI-10-02	165.51	168.25	2.74			G0558844	6	0.005	0.2	228	2	1	1	
NIKKI-10-02	168.25	170.68	2.43			G0558845	6	0.0025	0.2	45	<1	1	1	
NIKKI-10-02	170.68	173.13	2.45			G0558846	7	0.008	0.2	475	6	2	1	
NIKKI-10-02	173.13	175.87	2.74			G0558847	7	0.007	0.2	285	<1	1	1	
NIKKI-10-02	175.87	178.00	2.13			G0558848	7	0.0025	0.1	124	<1	2	1	
NIKKI-10-02	178.00	181.05	3.05			G0558849	7	0.008	0.1	122	<1	2	1	
NIKKI-10-02	181.05	183.18	2.13			G0558850	7	0.0025	0.1	127	<1	1	1	
NIKKI-10-02	183.18	185.93	2.75			G0558851	7	0.0025	0.1	170	<1	1	2	
NIKKI-10-02	185.93	188.98	3.05			G0558852	7	0.012	0.2	245	2	3	1	
NIKKI-10-02	188.98	192.02	3.04			G0558853	7	0.0025	0.1	143	<1	1	1	
NIKKI-10-02	192.02	195.07	3.05			G0558854	7	0.0025	0.1	152	<1	1	1	
NIKKI-10-02	195.07	198.12	3.05			G0558855	7	0.006	0.1	314	3	1	1	
NIKKI-10-02	198.12	201.17	3.05			G0558856	7	0.009	0.2	360	1	3	1	
NIKKI-10-02	201.17	204.22	3.05			G0558857	7	0.018	0.6	875	8	1	2	
NIKKI-10-02	204.22	207.26	3.04			G0558858	7	0.016	0.6	862	5	1	1	
NIKKI-10-02						G0558859	7	0.93	4.6	13100	235	21	1	CDN-CGS-21
NIKKI-10-02	207.26	210.01	2.75			G0558860	7	0.007	0.2	346	1	1	1	
NIKKI-10-02	210.01	212.75	2.74			G0558861	7	0.007	0.1	261	<1	1	1	
NIKKI-10-02	212.75	215.49	2.74			G0558862	7	0.01	0.1	255	<1	1	1	
NIKKI-10-02	215.49	218.24	2.75			G0558863	7	0.01	0.1	708	3	1	1	
NIKKI-10-02	218.24	219.46	1.22			G0558864	7	0.007	2.6	367	5	1	1	
NIKKI-10-02	219.46	222.50	3.04			G0558865	7	0.012	0.3	428	2	1	1	
NIKKI-10-02	222.50	225.55	3.05			G0558866	7	0.014	0.4	584	1	2	1	
NIKKI-10-02	225.55	227.69	2.14			G0558867	7	0.015	0.2	467	1	3	2	
NIKKI-10-02	227.69	229.82	2.13			G0558868	7	0.044	0.3	1040	<1	3	1	
NIKKI-10-02						G0558869	7	0.0025	0.1	6	<1	1	1	BLANK BATCH B
NIKKI-10-02	229.82	233.17	3.35			G0558870	7	0.044	0.5	997	1	1	1	
NIKKI-10-02	233.17	234.39	1.22			G0558871	7	0.06	1.1	1115	<1	1	2	
NIKKI-10-02	234.39	237.13	2.74			G0558872	7	0.063	0.5	1245	1	1	1	
NIKKI-10-02	237.13	239.27	2.14			G0558873	7	0.073	1	1210	1	1	2	
NIKKI-10-02	239.27	241.71	2.44			G0558874	7	0.051	0.7	1630	1	3	2	
NIKKI-10-02						G0558875	7	0.191	1.8	1950	152	26	2	CDN-CGS-23
NIKKI-10-02	241.71	244.45	2.74			G0558876	7	0.05	1.3	1170	2	1	2	
NIKKI-10-02	244.45	246.89	2.44			G0558877	7	0.036	0.8	1105	<1	3	1	
NIKKI-10-02	246.89	249.94	3.05			G0558878	7	0.039	0.6	855	<1	1	1	
NIKKI-10-02	249.94	252.98	3.04			G0558879	7	0.027	0.5	1105	<1	1	2	
NIKKI-10-02	252.98	255.12	2.14			G0558880	7	0.026	1.1	952	<1	3	2	
NIKKI-10-02	255.12	257.25	2.13			G0558881	7	0.069	0.6	1370	<1	1	1	
NIKKI-10-02	257.25	259.08	1.83			G0558882	8	0.044	0.3	1040	1	3	1	
NIKKI-10-02	259.08	261.82	2.74			G0558883	8	0.111	1.1	1740	<1	4	1	
NIKKI-10-02	261.82	264.57	2.75			G0558884	8	0.342	0.9	2360	1	3	1	
NIKKI-10-02	264.57	266.70	2.13			G0558885	8	0.035	0.4	866	<1	3	1	
NIKKI-10-02	266.70	269.75	3.05			G0558886	8	0.062	0.4	1070	<1	2	1	
NIKKI-10-02	269.75	273.10	3.35			G0558887	8	0.066	1.1	1320	<1	6	1	
NIKKI-10-02	273.10	275.23	2.13			G0558888	8	0.054	0.8	1445	<1	4	1	
NIKKI-10-02						G0558889	8	1.02	1	1980	<1	1	1	CDN-CGS-21
NIKKI-10-02	275.23	277.06	1.83			G0558890	8	0.075	0.9	1925	<1	1	1	
NIKKI-10-02	277.06	279.81	2.75			G0558891	8	0.092	0.8	1690	<1	4	1	
NIKKI-10-02	279.81	283.01	3.20			G0558892	8	0.128	0.9	1850	<1	2	1	
NIKKI-10-02	283.01	285.90	2.89			G0558893	8	0.076	0.7	938	<1	2	1	
NIKKI-10-02	285.90	289.10	3.20			G0558894	8	0.096	0.5	1180	<1	2	1	
NIKKI-10-02	289.10	291.69	2.59			G0558895	8	0.095	0.7	918	<1	7	1	

Complete Sample List

Property:	NIKKI													
Hole	From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Cu (ppm)	Mo (ppm)	As (ppm)	Bi (ppm)	Comments
NIKKI-10-02	291.69	294.13	2.44			G0558896	8	0.006	0.1	214	<1	7	1	
NIKKI-10-02	294.13	295.66	1.53			G0558897	8	0.014	0.3	483	<1	23	1	
NIKKI-10-02	295.66	298.70	3.04			G0558898	8	0.027	1	1155	<1	7	1	
NIKKI-10-02						G0558899	8	0.005	0.1	11	<1	3	2	BLANK BATCH B
NIKKI-10-02	298.70	301.75	3.05			G0558900	8	0.045	0.7	578	2	12	1	
NIKKI-10-02	301.75	304.19	2.44			G0558901	8	0.025	0.2	446	1	11	1	
NIKKI-10-02	304.19	307.24	3.05			G0558902	8	0.009	0.1	197	<1	5	1	
NIKKI-10-02	307.24	309.68	2.44			G0558903	8	0.007	0.1	116	<1	5	1	
NIKKI-10-02	309.68	312.42	2.74			G0558904	8	0.161	1.3	320	<1	46	2	
NIKKI-10-02	312.42	314.25	1.83			G0558905	8	0.031	0.6	572	<1	24	1	
NIKKI-10-02	314.25	317.30	3.05			G0558906	8	0.025	0.5	750	<1	2	1	
NIKKI-10-02						G0558907	8	0.23	2.1	1960	155	25	3	CDN-CGS-23
NIKKI-10-02	317.30	320.34	3.04			G0558908	8	0.053	1.2	641	<1	10	1	
NIKKI-10-02	320.34	323.08	2.74			G0558909	8	0.019	0.5	855	1	2	3	
NIKKI-10-02	323.08	325.53	2.45			G0558910	8	0.0025	0.1	194	<1	1	2	
NIKKI-10-02	325.53	328.57	3.04			G0558911	8	0.006	0.1	99	1	8	1	
NIKKI-10-02	328.57	331.93	3.36			G0558912	8	0.011	0.2	563	<1	2	1	
NIKKI-10-02	331.93	334.67	2.74			G0558913	8	0.022	0.9	2090	2	3	2	
NIKKI-10-02						G0558914	8	0.024	0.7	2160	3	1	1	1/4 SAMPLE OF 913
NIKKI-10-02	334.67	337.41	2.74			G0558915	8	0.013	0.3	718	60	3	1	
NIKKI-10-02	337.41	340.77	3.36			G0558916	8	0.007	0.3	747	4	2	1	
NIKKI-10-02	340.77	342.90	2.13			G0558917	8	0.011	0.4	1075	<1	2	1	
NIKKI-10-02	342.90	345.03	2.13			G0558918	9	0.01	0.4	855	1	6	1	
NIKKI-10-02	345.03	347.47	2.44			G0558919	9	0.008	0.4	1015	3	3	1	
NIKKI-10-02	347.47	349.30	1.83			G0558920	9	0.008	0.4	701	<1	3	1	
NIKKI-10-02	349.30	351.43	2.13			G0558921	9	0.011	0.5	1115	2	11	2	
NIKKI-10-02	351.43	354.48	3.05			G0558922	9	0.013	0.4	505	4	3	1	
NIKKI-10-02	354.48	357.53	3.05			G0558923	9	0.011	0.3	411	13	4	1	
NIKKI-10-02	357.53	360.88	3.35			G0558924	9	0.0025	0.2	123	<1	1	1	
NIKKI-10-02	360.88	363.02	2.14			G0558925	9	0.01	0.2	833	16	4	1	
NIKKI-10-02						G0558926	9	0.0025	0.1	8	<1	1	1	BLANK BATCH B
NIKKI-10-02	363.02	365.76	2.74			G0558927	9	0.005	0.1	454	16	3	1	

GEOTECHNICAL LOG

HOLE: NIKKI-10-02

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
0.00	6.71	6.71	0.00	0	0	0	N/A	SW		Casing
6.71	7.01	0.30	0.98	327	0.18	60	N/A	SW		
7.01	8.53	1.52	0.82	54	0.18	12	W	SW		
8.53	10.06	1.53	1.49	97	0.10	7	W	SW		
10.06	11.58	1.52	1.57	103	1.30	86	W	SW		
11.58	13.11	1.53	1.50	98	0.50	33	W	SW		
13.11	14.63	1.52	1.50	99	0.11	7	W	SW		
14.63	16.15	1.52	1.57	103	0.31	20	W	SW		
16.15	17.68	1.53	1.49	97	1.05	69	W	SW		
17.68	19.20	1.52	1.49	98	0.94	62	W	SW		
19.20	20.73	1.53	1.55	101	1.16	76	W	SW		
20.73	22.25	1.52	1.53	101	1.31	86	W	SW		
22.25	23.77	1.52	1.45	95	1.16	76	W	SW		
23.77	25.30	1.53	1.50	98	1.42	93	MS	SW		
25.30	26.82	1.52	1.52	100	0.88	58	W	SW		
26.82	28.35	1.53	1.54	101	0.79	52	W	SW		
28.35	29.87	1.52	1.55	102	0.77	51	W	SW		
29.87	31.39	1.52	1.53	101	1.43	94	W	SW		
31.39	32.92	1.53	1.55	101	0.61	40	MS	SW/FR		
32.92	34.44	1.52	1.50	99	0.31	20	MS	SW/FR		
34.44	35.97	1.53	1.53	100	0.23	15	MS	SW/FR		
35.97	37.49	1.52	1.52	100	0.86	57	W	SW/FR		
37.49	39.01	1.52	1.53	101	0.68	45	MS	SW/FR		
39.01	40.54	1.53	1.46	95	1.04	68	MS	SW/FR		
40.54	42.06	1.52	1.52	100	0.94	62	MS	SW/FR		
42.06	43.59	1.53	1.53	100	1.13	74	MS	SW/FR		
43.59	45.11	1.52	1.54	101	0.78	51	MS	SW/FR		
45.11	46.63	1.52	1.55	102	0.59	39	MS	FR		
46.63	48.16	1.53	1.50	98	0.12	8	MS	FR		
48.16	49.58	1.42	1.54	108	0.66	46	MS	FR		
49.58	51.21	1.63	1.50	92	0.24	15	MS	SW/FR		
51.21	52.73	1.52	1.52	100	1.03	68	W	SW/FR		
52.73	54.25	1.52	1.55	102	1.22	80	MS	FR		
54.25	55.78	1.53	1.47	96	1.09	71	MS	FR		
55.78	56.38	0.60	0.56	93	0.12	20	MS	FR		end of HQ core
56.38	57.91	1.53	1.57	103	0.34	22	MS	FR		
57.91	60.96	3.05	2.91	95	0.35	11	W	FR		
60.96	64.01	3.05	2.67	88	0.00	0	MS	FR		From this point there is a lot of
64.01	67.06	3.05	2.61	86	0.00	0	MS	FR		crumbled or crushed core, not alot of
67.06	68.28	1.22	0.41	34	0.00	0	W	FR		recovery
68.28	70.10	1.82	0.35	19	0.00	0	MS	FR		
70.10	71.02	0.92	0.36	39	0.00	0	MS	FR		
71.02	71.93	0.91	0.51	56	0.00	0	MS	FR		
71.93	73.15	1.22	1.08	89	0.00	0	MS	FR		
73.15	73.76	0.61	0.43	70	0.00	0	MS	FR		
73.76	74.68	0.92	0.26	28	0.00	0	MS	FR		
74.68	75.29	0.61	0.28	46	0.00	0	MS	FR		
75.29	75.59	0.30	0.38	127	0.00	0	MS	FR		
75.59	76.20	0.61	0.21	34	0.00	0	MS	FR		
76.20	76.50	0.30	0.22	73	0.00	0	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
76.50	77.11	0.61	0.24	39	0.00	0	MS	FR		
77.11	79.25	2.14	0.92	43	0.00	0	MS	FR		
79.25	82.30	3.05	0.80	26	0.00	0	MS	FR		
82.30	85.34	3.04	1.41	46	0.00	0	MS	FR		
85.34	88.39	3.05	1.54	50	0.00	0	MS	FR		
88.39	91.44	3.05	2.15	70	0.32	10	MS	FR		
91.44	92.05	0.61	0.55	90	0.10	16	MS	FR		
92.05	92.96	0.91	0.95	104	0.15	16	MS	FR		
92.96	93.57	0.61	0.65	107	0.10	16	MS	FR		
93.57	94.18	0.61	0.61	100	0.00	0	MS	FR		
94.18	95.10	0.92	0.79	86	0.00	0	MS	FR		
95.10	96.01	0.91	0.73	80	0.00	0	MS	FR		
96.01	97.23	1.22	1.22	100	0.00	0	MS	FR/SW		
97.23	98.45	1.22	1.01	83	0.10	8	MS	FR		
98.45	99.06	0.61	0.61	100	0.00	0	MS	FR		
99.06	100.28	1.22	1.22	100	0.35	29	MS	FR		
100.28	102.72	2.44	2.36	97	2.24	92	W	FR		
102.72	105.77	3.05	2.86	94	1.42	47	W	FR		
105.77	107.59	1.82	1.96	108	0.51	28	MS	SW		
107.59	108.51	0.92	0.92	100	0.00	0	W	FR		
108.51	110.03	1.52	1.05	69	0.00	0	W	FR		
110.03	112.47	2.44	2.44	100	0.63	26	W	SW		
112.47	114.91	2.44	2.56	105	0.20	8	W	FR		
114.91	116.13	1.22	1.22	100	0.00	0	W	FR		
116.13	117.04	0.91	0.91	100	0.00	0	W	FR		
117.04	119.18	2.14	0.60	28	0.30	14	W	FR		
119.18	121.92	2.74	1.21	44	0.20	7	W	FR		
121.92	124.97	3.05	2.74	90	0.95	31	MS	FR		
124.97	128.02	3.05	3.01	99	1.35	44	MS	FR		
128.02	131.06	3.04	2.85	94	0.28	9	W	FR		
131.06	134.11	3.05	3.00	98	0.00	0	W	FR		
134.11	137.16	3.05	2.65	87	0.10	3	W	FR		
137.16	140.21	3.05	2.94	96	0.16	5	W	FR		
140.21	143.26	3.05	2.98	98	1.25	41	W	FR		
143.26	146.30	3.04	2.80	92	1.03	34	W	FR		
146.30	149.35	3.05	2.76	90	0.20	7	W	FR		
149.35	152.40	3.05	2.84	93	1.24	41	MS	FR		
152.40	154.23	1.83	1.82	99	0.25	14	MS	FR		
154.23	156.36	2.13	2.45	115	0.83	39	W	FR		
156.36	156.97	0.61	0.43	70	0.00	0	MS	FR		
156.97	158.50	1.53	1.65	108	0.11	7	MS	FR		
158.50	160.93	2.43	2.19	90	0.53	22	MS	FR		
160.93	162.15	1.22	1.03	84	0.22	18	MS	FR		
162.15	163.68	1.53	1.15	75	0.00	0	W	FR		
163.68	165.51	1.83	1.55	85	0.12	7	MS	FR		
165.51	168.25	2.74	2.88	105	0.45	16	MS	FR		
168.25	170.65	2.40	2.65	110	0.47	20	W	FR		
170.65	172.52	1.87	1.76	94	0.78	42	W	FR		
172.52	173.13	0.61	0.48	79	0.10	16	W	FR		
173.13	174.65	1.52	1.62	107	0.55	36	W	FR		
174.65	175.87	1.22	1.17	96	0.00	0	W	FR		
175.87	176.78	0.91	1.12	123	0.00	0	W	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
176.78	178.00	1.22	1.10	90	0.13	11	W	FR		
178.00	178.61	0.61	0.61	100	0.17	28	W	FR		
178.61	179.53	0.92	0.98	107	0.00	0	W	FR		
179.53	181.05	1.52	1.41	93	0.52	34	W	FR		
181.05	182.58	1.53	1.69	110	0.14	9	W	FR		
182.58	183.18	0.60	0.81	135	0.00	0	W	FR		
183.18	185.01	1.83	1.83	100	0.31	17	W	FR		
185.01	185.93	0.92	0.92	100	0.00	0	W	SW/FR		
185.93	188.98	3.05	3.00	98	0.51	17	W	FR		
188.98	192.02	3.04	3.05	100	0.58	19	W	FR		
192.02	195.07	3.05	3.05	100	0.84	28	W	FR		
195.07	198.12	3.05	3.02	99	0.21	7	W	FR		
198.12	201.17	3.05	3.00	98	0.18	6	W	FR		
201.17	204.22	3.05	2.97	97	0.58	19	MS	FR		
204.22	206.65	2.43	2.40	99	0.96	40	W	FR		
206.65	207.26	0.61	0.56	92	0.00	0	W	FR		
207.26	209.40	2.14	0.45	21	0.00	0	MS	FR		
209.40	210.01	0.61	0.61	100	0.00	0	W	FR		
210.01	210.92	0.91	0.90	99	0.21	23	W	FR		
210.92	211.53	0.61	0.60	98	0.00	0	W	FR		
211.53	212.75	1.22	1.18	97	0.00	0	W	FR		
212.75	213.66	0.91	0.53	58	0.00	0	W	FR		
213.66	215.49	1.83	2.07	113	0.23	13	W	FR		
215.49	216.71	1.22	1.15	94	0.72	59	W	FR		
216.71	218.24	1.53	1.02	67	0.16	10	W	FR		
218.24	219.46	1.22	0.95	78	0.00	0	W	FR		
219.46	222.50	3.04	3.00	99	0.19	6	W	FR		Cave in of 0.55m not added to recovery
222.50	225.55	3.05	3.00	98	0.60	20	W	FR		
225.55	226.41	0.86	0.91	106	0.00	0	W	FR		
226.41	227.69	1.28	1.35	105	0.00	0	W	FR		
227.69	229.82	2.13	2.05	96	0.21	10	W	FR		
229.82	231.04	1.22	1.32	108	0.20	16	W	FR		
231.04	233.17	2.13	2.21	104	0.73	34	W	FR		
233.17	234.39	1.22	1.50	123	0.00	0	W	FR		
234.39	237.13	2.74	2.78	101	0.00	0	W	FR		
237.13	239.27	2.14	2.40	112	0.42	20	W	FR		
239.27	240.79	1.52	1.62	107	0.43	28	W	FR		
240.79	241.71	0.92	0.87	95	0.00	0	W	FR		
241.71	243.84	2.13	2.14	100	0.32	15	W	FR		
243.84	244.45	0.61	0.40	66	0.00	0	W	FR		
244.45	246.89	2.44	2.67	109	0.47	19	W	FR		
246.89	249.94	3.05	3.05	100	0.00	0	W	FR		
249.94	252.98	3.04	1.90	63	0.13	4	W	FR		
252.98	254.51	1.53	1.59	104	0.25	16	W	FR		
254.51	255.12	0.61	0.62	102	0.00	0	W	FR		
255.12	256.34	1.22	0.71	58	0.00	0	W	FR		
256.34	257.25	0.91	0.66	73	0.00	0	W	FR		
257.25	259.08	1.83	0.43	23	0.00	0	W	FR		
259.08	261.82	2.74	3.01	110	0.00	0	W	FR		
261.82	264.57	2.75	1.21	44	0.00	0	W	FR		
264.57	266.70	2.13	0.82	38	0.00	0	W	FR		
266.70	267.92	1.22	0.96	79	0.00	0	W	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
267.92	269.75	1.83	0.62	34	0.00	0	W	FR		
269.75	270.66	0.91	0.25	27	0.00	0	W	FR		Cave in of 0.11m not added to recovery
270.66	273.10	2.44	2.36	97	0.00	0	W	FR		
273.10	273.71	0.61	0.60	98	0.00	0	W	FR		
273.71	274.62	0.91	0.98	108	0.00	0	W	FR		
274.62	275.23	0.61	0.69	113	0.00	0	W	FR		
275.23	275.84	0.61	0.87	143	0.00	0	W	FR		
275.84	276.45	0.61	0.40	66	0.11	18	W	FR		
276.45	277.06	0.61	0.51	84	0.00	0	W	FR		
277.06	279.04	1.98	1.98	100	0.21	11	W	FR		
279.04	279.81	0.77	0.75	97	0.00	0	W	FR		
279.81	280.42	0.61	0.57	93	0.12	20	W	FR		
280.42	281.18	0.76	0.78	103	0.00	0	W	FR		
281.18	281.79	0.61	0.60	98	0.00	0	W	FR		
281.79	282.55	0.76	0.85	112	0.00	0	W	FR		
282.55	283.01	0.46	0.43	93	0.00	0	W	FR		
283.01	283.62	0.61	0.51	84	0.00	0	W	FR		
283.62	284.68	1.06	1.27	120	0.00	0	W	FR		
284.68	285.60	0.92	0.63	68	0.14	15	W	FR		
285.60	285.90	0.30	0.27	90	0.10	33	W	FR		
285.90	286.51	0.61	0.35	57	0.18	30	W	FR		
286.51	287.43	0.92	0.78	85	0.00	0	W	FR		
287.43	288.34	0.91	0.79	87	0.00	0	W	FR		
288.34	289.10	0.76	0.69	91	0.00	0	W	FR		
289.10	290.17	1.07	0.97	91	0.31	29	MS	FR		
290.17	291.69	1.52	1.39	91	0.57	38	MS	FR		
291.69	292.61	0.92	0.88	96	0.00	0	W	FR		
292.61	294.13	1.52	1.47	97	0.00	0	W	FR		
294.13	295.66	1.53	1.99	130	0.00	0	W	FR		
295.66	298.09	2.43	2.67	110	0.28	12	W	FR		
298.09	298.70	0.61	0.71	116	0.00	0	W	FR		
298.70	300.23	1.53	1.54	101	0.00	0	W	FR		
300.23	301.75	1.52	1.57	103	0.40	26	W	FR		
301.75	303.28	1.53	1.68	110	0.00	0	W	FR		
303.28	304.19	0.91	0.90	99	0.10	11	W	FR		
304.19	305.10	0.91	0.63	69	0.00	0	W	FR		Cave in of 0.07m not added to recovery
305.10	306.63	1.53	1.09	71	0.00	0	W	FR		
306.63	307.24	0.61	0.52	85	0.11	18	W	FR		
307.24	309.07	1.83	1.46	80	0.55	30	W	FR		
309.07	309.68	0.61	0.61	100	0.12	20	W	FR		Cave in of 0.35m not added to recovery
309.68	310.90	1.22	1.09	89	0.00	0	W	FR		
310.90	312.42	1.52	1.21	80	0.15	10	W	FR		
312.42	313.33	0.91	0.87	96	0.44	48	W	FR		
313.33	314.25	0.92	1.30	141	0.59	64	MS	FR		
314.25	316.69	2.44	2.25	92	0.78	32	W	FR		
316.69	317.30	0.61	0.81	133	0.31	51	MS	FR		
317.30	320.34	3.04	3.05	100	1.02	34	W	FR		
320.34	323.08	2.74	1.95	71	0.46	17	W	FR		
323.08	325.53	2.45	2.45	100	0.14	6	W	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
325.53	327.36	1.83	1.73	95	0.16	9	W	FR		
327.36	328.57	1.21	1.55	128	0.13	11	W	FR		
328.57	329.18	0.61	0.67	110	0.13	21	W	FR		
329.18	331.93	2.75	2.92	106	0.17	6	W	FR		
331.93	334.67	2.74	2.83	103	0.50	18	W	FR		
334.67	336.19	1.52	1.80	118	0.55	36	W	FR		
336.19	337.41	1.22	1.38	113	0.30	25	W	FR		
337.41	338.33	0.92	0.77	84	0.14	15	W	FR		
338.33	340.77	2.44	2.79	114	0.32	13	W	FR		
340.77	342.90	2.13	2.19	103	0.13	6	W	FR		
342.90	345.03	2.13	2.44	115	0.00	0	W	FR		
345.03	347.47	2.44	2.33	95	0.00	0	W	FR		
347.47	349.30	1.83	1.90	104	0.00	0	W	FR		
349.30	351.43	2.13	1.95	92	0.00	0	W	FR		
351.43	354.45	3.02	3.04	101	0.63	21	W	FR		
354.45	357.53	3.08	3.05	99	2.39	78	MS	FR		
357.53	359.36	1.83	1.47	80	0.00	0	W	FR		
359.36	360.88	1.52	1.58	104	0.00	0	W	FR		
360.88	363.02	2.14	2.06	96	0.00	0	W	FR		
363.02	365.76	2.74	2.83	103	0.24	9	MS	FR		
	E.O.H									

MAGNETIC SUSCEPTIBILITY LOG

HOLE: NIKKI-10-02

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00			N/A	
2.00			N/A	
3.00			N/A	
4.00			N/A	
5.00			N/A	
6.00			N/A	
7.00			15.90	
8.00			2.30	
9.00			5.29	
10.00			5.66	
11.00			0.45	
12.00			0.40	
13.00			1.22	
14.00			27.50	
15.00			18.80	
16.00			0.47	
17.00			0.55	
18.00			0.26	
19.00			18.90	
20.00			15.80	
21.00			0.63	
22.00			0.36	
23.00			0.28	
24.00			0.40	
25.00			0.25	
26.00			11.60	
27.00			16.90	
28.00			6.04	
29.00			21.10	
30.00			0.21	
31.00			0.33	
32.00			0.20	
33.00			0.62	
34.00			16.20	
35.00			0.77	
36.00			4.70	
37.00			0.68	
38.00			6.88	
39.00			14.30	
40.00			0.33	
41.00			17.20	
42.00			4.21	
43.00			8.09	
44.00			11.60	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			1.22	
46.00			0.26	
47.00			0.48	
48.00			0.33	
49.00			0.26	
50.00			2.92	
51.00			4.41	
52.00			0.28	
53.00			0.23	
54.00			0.05	
55.00			0.15	
56.00			0.55	
57.00			N/A	
58.00			N/A	
59.00			N/A	
60.00			N/A	
61.00			N/A	
62.00			N/A	
63.00			N/A	
64.00			N/A	
65.00			N/A	
66.00			N/A	
67.00			N/A	
68.00			N/A	
69.00			N/A	
70.00			N/A	
71.00			N/A	
72.00			N/A	
73.00			N/A	
74.00			N/A	
75.00			N/A	
76.00			N/A	
77.00			N/A	
78.00			N/A	
79.00			N/A	
80.00			N/A	
81.00			N/A	
82.00			N/A	
83.00			N/A	
84.00			N/A	
85.00			N/A	
86.00			N/A	
87.00			N/A	
88.00			N/A	
89.00			N/A	
90.00			N/A	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
91.00			N/A	
92.00			N/A	
93.00			N/A	
94.00			N/A	
95.00			N/A	
96.00			N/A	
97.00			N/A	
98.00			N/A	
99.00			N/A	
100.00			0.10	
101.00			0.16	
102.00			0.26	
103.00			0.12	
104.00			0.45	
105.00			0.18	
106.00			4.67	
107.00			0.32	
108.00			29.70	
109.00			40.80	
110.00			N/A	
111.00			N/A	
112.00			N/A	
113.00			N/A	
114.00			N/A	
115.00			N/A	
116.00			N/A	
117.00			N/A	
118.00			N/A	
119.00			N/A	
120.00			N/A	
121.00			N/A	
122.00			0.49	
123.00			25.00	
124.00			21.70	
125.00			36.00	
126.00			29.10	
127.00			32.70	
128.00			27.90	
129.00			N/A	
130.00			N/A	
131.00			N/A	
132.00			N/A	
133.00			N/A	
134.00			N/A	
135.00			N/A	
136.00			N/A	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
137.00			N/A	
138.00			N/A	
139.00			N/A	
140.00			N/A	
141.00			N/A	
142.00			N/A	
143.00			N/A	
144.00			N/A	
145.00			N/A	
146.00			N/A	
147.00			52.60	
148.00			33.80	
149.00			47.40	
150.00			38.20	
151.00			45.90	
152.00			0.53	
153.00			37.70	
154.00			36.40	
155.00			58.40	
156.00			45.40	
157.00			35.90	
158.00			60.00	
159.00			N/A	
160.00			37.50	
161.00			N/A	
162.00			N/A	
163.00			N/A	
164.00			N/A	
165.00			N/A	
166.00			0.79	
167.00			57.80	
168.00			N/A	
169.00			N/A	
170.00			6.92	
171.00			0.12	
172.00			16.50	
173.00			7.07	
174.00			0.84	
175.00			52.30	
176.00			44.20	
177.00			N/A	
178.00			53.40	
179.00			19.30	
180.00			36.10	
181.00			N/A	
182.00			46.40	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
183.00			38.40	
184.00			31.70	
185.00			0.34	
186.00			25.10	
187.00			0.24	
188.00			4.85	
189.00			21.60	
190.00			18.30	
191.00			31.80	
192.00			37.10	
193.00			9.34	
194.00			18.00	
195.00			17.90	
196.00			44.80	
197.00			0.57	
198.00			0.24	
199.00			1.47	
200.00			27.90	
201.00			7.97	
202.00			10.90	
203.00			5.84	
204.00			0.16	
205.00			0.16	
206.00			2.07	
207.00			0.43	
208.00			N/A	
209.00			N/A	
210.00			7.05	
211.00			N/A	
212.00			4.01	
213.00			N/A	
214.00			24.40	
215.00			N/A	
216.00			2.21	
217.00			7.50	
218.00			N/A	
219.00			N/A	
220.00			N/A	
221.00			N/A	
222.00			N/A	
223.00			N/A	
224.00			0.16	
225.00			0.36	
226.00			26.70	
227.00			6.47	
228.00			9.84	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
229.00			7.99	
230.00			1.02	
231.00			0.26	
232.00			11.80	
233.00			N/A	
234.00			N/A	
235.00			6.39	
236.00			N/A	
237.00			N/A	
238.00			N/A	
239.00			1.53	
240.00			0.49	
241.00			0.12	
242.00			0.57	
243.00			0.14	
244.00			N/A	
245.00			0.20	
246.00			0.51	
247.00			N/A	
248.00			0.63	
249.00			0.18	
250.00			0.18	
251.00			N/A	
252.00			N/A	
253.00			N/A	
254.00			0.65	
255.00			N/A	
256.00			N/A	
257.00			N/A	
258.00			N/A	
259.00			11.50	
260.00			2.78	
261.00			N/A	
262.00			N/A	
263.00			N/A	
264.00			N/A	
265.00			N/A	
266.00			N/A	
267.00			N/A	
268.00			N/A	
269.00			N/A	
270.00			N/A	
271.00			N/A	
272.00			N/A	
273.00			N/A	
274.00			N/A	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
275.00			0.24	
276.00			N/A	
277.00			0.47	
278.00			N/A	
279.00			0.88	
280.00			N/A	
281.00			N/A	
282.00			N/A	
283.00			N/A	
284.00			N/A	
285.00			N/A	
286.00			0.12	
287.00			N/A	
288.00			N/A	
289.00			0.26	
290.00			0.90	
291.00			0.31	
292.00			19.90	
293.00			N/A	
294.00			13.20	
295.00			1.04	
296.00			3.75	
297.00			0.18	
298.00			0.36	
299.00			0.34	
300.00			0.08	
301.00			N/A	
302.00			N/A	
303.00			N/A	
304.00			32.20	
305.00			0.90	
306.00			N/A	
307.00			17.60	
308.00			9.45	
309.00			0.84	
310.00			0.51	
311.00			0.20	
312.00			N/A	
313.00			0.18	
314.00			0.30	
315.00			0.34	
316.00			0.34	
317.00			0.53	
318.00			0.12	
319.00			0.24	
320.00			0.67	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
321.00			0.18	
322.00			0.12	
323.00			0.94	
324.00			0.10	
325.00			N/A	
326.00			0.14	
327.00			0.14	
328.00			12.60	
329.00			2.54	
330.00			0.24	
331.00			0.26	
332.00			0.24	
333.00			0.08	
334.00			0.12	
335.00			0.06	
336.00			0.02	
337.00			0.12	
338.00			38.30	
339.00			12.00	
340.00			0.08	
341.00			0.10	
342.00			0.18	
343.00			N/A	
344.00			0.12	
345.00			N/A	
346.00			0.00	
347.00			N/A	
348.00			N/A	
349.00			N/A	
350.00			N/A	
351.00			N/A	
352.00			N/A	
353.00			0.12	
354.00			0.06	
355.00			0.08	
356.00			0.34	
357.00			2.19	
358.00			44.30	
359.00			41.70	
360.00			6.72	
361.00			8.30	
362.00			N/A	
363.00			N/A	
364.00			0.06	
365.00			0.16	

E.O.H.

BOX LOG

HOLE: NIKKI-10-02

BOX	FROM (m)	TO (m)	BOX	FROM (m)	TO (m)
1		10.67	36	188.98	194.81
2	10.67	14.70	37	194.81	199.92
3	14.70	18.84	38	199.92	206.70
4	18.84	22.98	39	206.70	212.66
5	22.98	27.15	40	212.66	218.24
6	27.15	31.11	41	218.24	223.29
7	31.11	34.87	42	223.29	228.22
8	34.87	38.85	43	228.22	233.17
9	38.85	42.97	44	233.17	237.88
10	42.97	46.87	45	237.88	242.56
11	46.87	50.82	46	242.56	247.29
12	50.82	54.82	47	247.29	253.76
13	54.82	56.38	48	253.76	260.58
14	56.38	61.79	49	260.58	270.62
15	61.79	71.02	50	270.62	275.34
16	71.02	80.01	51	275.34	280.68
17	80.01	91.15	52	280.68	286.08
18	91.15	96.24	53	286.08	292.03
19	96.24	101.77	54	292.03	296.87
20	101.77	107.21	55	296.87	301.75
21	107.21	112.51	56	301.75	307.39
22	112.51	117.48	57	307.39	312.42
23	117.48	122.76	58	312.42	317.22
24	122.76	128.30	59	317.22	322.34
25	128.30	134.43	60	322.34	327.21
26	134.43	140.72	61	327.21	332.02
27	140.72	146.30	62	332.02	336.80
28	146.30	151.95	63	336.80	341.84
29	151.95	156.97	64	341.84	347.21
30	156.97	162.33	65	347.21	352.46
31	162.33	168.25	66	352.46	358.14
32	168.25	173.18	67	358.14	363.81
33	173.18	178.35	68	363.81	365.76
34	178.35	183.51	E.O.H.		
35	183.51	188.98			

DRILL HOLE LOG
NIKKI PROPERTY

Hole: NIKKI 10-03 Zone: Page: 01/18
Northing: 6880005mN Easting: 500246mE Elevation: Depth: 0.00
Drilling Dates: JULY 08-13/10 Logged by: I.G.P. PHILLIPS Dip: -45°
Length: 346.86m Core Size: NTW BTW Casing: 6.71m (m) in/out Azim: 035°

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization EF	QZ	MS	CY	CL	CA	EP	CP	GY	PY	MG	FR	From (m)	To (m)	Interval (m)	Sample Number
			0.00	4.55	4.55	CASN X																
						no recovery																
			4.55	6.10	1.55	PPEQ X	0	0	0	<	W	*	W	0	0	0	0	D	1	0	W	4.55	6.10	1.55	G 055829
			5.60	6.10	0.50	PGBR X															X				
			6.10	9.14	3.04	PPEQ X	X	0	0		<	W	*	M	0	0	P	W	<	3	<	3	Q	M	X	6.10	9.14	3.04	929
			6.10	9.14	3.04	PGBR X																						
						clasts 3mm - 7cm, av 1-2cm in 25% siltstone matrix clasts PP & DP.)																						
						clasts 50-95% gy - av 1mm vns; py - dissem & fracture fillings																						
						cp - wk dissem & fr																						
			9.14	12.19	3.05	PPEQ X	0	0	<	W	<	T	P	W	0	0	0	<	W	≤	1	Q	M	S	9.14	12.19	3.05	930
			9.14	12.19	3.05	PGBR X																						
						9.21 - flt - 2-4cm shear, strong gy; clasts - mostly pp; dar clasts below 10.64m																						
			12.19	15.24	3.05	PPEQ	0	<	T	0	0	#	W	<	T	0	0	<	W	≤	1	Q	M	W	12.19	15.24	3.05	931
						PPEQ - med gray, fine - med grd fx & wk mf in aphanitic matrix, numer clasts < 2cm dk below 13.10 ick fx plus to crowded pp, numer qz vns.																						
			15.24	18.29	3.04	PPFQ X	0	0	0	<	W	P	W	0	D	T	0	<	W	≤	W	0	W	15.24	18.28	3.04	932
						PPFQ - as above																			at 18.28			
																									CDN-CGS 21			

DRILL HOLE LOG

Hole: NIKET 10-03 Zone: Page: 02/8

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

	Depth:		
	Dip:		
	Azim:		

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization: KF QZ MS CY CL CA EP CP GY PY MG FR.	From (m)	To (m)	Interval (m)	Sample Number
			18.28	21.34	3.06	PPFQ X	0 0 0 Q W 0 < W D T 0 < W D W 0 S	18.28	21.34	3.06	934
			20.86	21.34	0.48	PG BR X	0 0 # S 0 # S 0 0 0 0 0 X				
						as prev light grey to med green (fx-wk min); tr/ fr abc to br ash fr					
						near lct; PG BR matrix cy+car >> clasts < 3mm av; flt - 55°, clasts					
						in br-dk green very fine grained - aff PPFG?					
			21.34	24.38	3.04	PPFG X	0 0 0 < W 0 < W 0 0 < T ≤ W D M M	21.34	24.38	3.04	935
			21.34	24.20	2.86	PG BR X	0 0 0 # M 0 0 0 0 * T 0 0 X				
						PG BR - 25% milled matrix >> clasts, bands to 25cm separated by brx, 55°					
						below, lct flt - vn - 3cm, 60° CA > BC (wk); dk green grey, v fine grained					
			24.38	27.43	3.05	PPFG X	0 0 0 0 0 0 0 0 0 < T ≤ W D S M	24.38	27.43	3.05	936
			24.78	27.43	2.65	DIOR X	0 0 0 0 P M < T 0 0 < T ≤ W D S M				
						PPFG: lct 10° 10% - 1 to 4mm pl in fx in very fine grd matrix;					
						DIOR: med dk grey [illegible] 3/4mm f in mx, below fine-med grd, mf = hb 15-20%,					
						fx: dr f-vf in; 2-dykes < 3cm PPFG - 50°					
			27.43	30.48	3.05	DIOR X	0 < W E W P W P S < W D T 0 < T ≤ W D S 30° W	27.43	30.48	3.05	937
									30.48	BLANK	938
						31.0m - 1cm qtz vn: ca + cc (minor); pyvt ± qz ± ms env; late cbt,					
			30.48	33.53	3.05	DIOR X	0 0 < W P W P W < T 0 0 0 ≤ W D S W	30.48	33.53	3.05	939
						31.02 - vn - 4cm, 65° blc - ms alt; 10% py vts, below dec blc over 3cm with 5%					
						dis py; dr - overall dker color - fx - dk green (light coff - mm); wk stk dir m					
						vt - hf to - abor ms; wk py ± ms vt					
			33.53	36.58	3.05	DIOR X	0 0 < T P W P M < T 0 0 < W ≤ W D S W	33.53	36.58	3.05	940
						DG: dk - fx, mf (hb); alt fr mm (v wk); hb - to 5mm 20-30%					
			36.58	39.62	3.04	DIOR X	0 0 ≤ W P W P M < T 0 0 0 ≤ F D S W	36.58	39.62	3.04	941
						DR: dark - propylitic alt fx - mm wash; white fr - blc to wk MS + py (w)					

DRILL HOLE LOG

Hole: NIKKI IN-03 Zone: Page: 03/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit	Alteration and Mineralization														From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)		KF	QZ	MS	CY	CL	CA	EP	CP	GY	PY	MG	ER			(m)	(m)	(m)	Number
			39.62	42.67	3.05	DIOR	X	0	0	<W	<W	PM	<T	DT	0	0	<W	DS	W		39.62	42.67	3.05	942
			41.38	41.54	0.16	VEIN	X	0	0	<5	<W	0	0	0	0	10	<10	0	S					
			41.38-41.54 vn - fw fit-65°, 5cm bnd fw vn-shr MS-stg vnt tr to ble rx-mic cvk, 1-10% py in stg ms°, white fr 3-5% <0.5mm ble wider - MS ± py(wk); white filled fr - cy																					
			42.67	45.72	3.05	DIOR	X	0	0	<1	<W	PM	<T	0	0	0	<1	DS	W		42.67	45.72	3.05	943
			wk - white bands (no mf) 5 to 15mm ± py(wk); stk vt py + qs 0.1-2mm; dk dr 20 < 5cm lgt recolored bands; qs vt locate 1cm;																					
			45.72	46.33	0.61	DIOR	X	0	0	<2	PW	PM	<T	0	0	0	<10	2	DS	W	45.72	46.33	0.61	944
																					at 46.33			945
			46.33 - 6tm HTW; pyvt + MS vf to 5mm, 20 2mm; dk dr - mf - oft to cc																		Standard			CDN-CGS-23
			46.33	48.77	2.44	DIOR	X	0	<W	<10	1	PW	PM	<T	0	0	<W	<1	DS	W	46.33	48.77	2.44	946
			stk pyvt in MS vts, en 1-2mm; qzvt-wk py, to 7mm, 35°; DG - dark																					
			48.77	51.21	2.44	DIOR	X	0	<W	<W	PW	PM	<1	0	0	<W	<F	DS	F		48.77	51.21	2.44	947
			d/s ser < 3mm cb vt; dcr py - vts, en MS; 5mm qzvt x-cb q MS vt (tr py)																					
			51.21	54.25	3.04	DIOR	X	0	0	<F	PM	0	0	0	0	<T	<10	1	DS	F	51.21	54.25	3.04	948
			52.60	54.25	1.65	PPFG	X	10	0	<W	PW	?	0	0	0	<F	<5	W	QM	F				
			dr - black - dim alt fo - c; 51.86 - fit-15°, bc clay mat'l (1%) clasts; strong PPFG - vert 65° 10cm shr sup cy 53.0 - 53.27 - tan colored PP, sclasts bte dr; PPFG - dk pre - ' cvk; ser qy dcr MS py vt < 1mm;																					
			54.25	54.80	0.55	PPFG	X	0	<T	<W	0	0	0	0	0	<W	<W	SM	W	54.25	57.30	3.05	949
			54.80	57.30	2.50	DR BR	X	0	BW	<T	PW	PW	D	0	0	<2	<5	W	0	W				
			54.80 vert irreg; dr - wk br, clasts PPFG, sdr, non-strix, clay m 2% 55.60-35cm = Vc - irreg to 7cm wide dk gy wk shear, py - 10%; ser qy dcr ms + py vt																					

DRILL HOLE LOG

Hole: NIKKI 10-03 Zone: Page: 04/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization: KF	QZ	MS	CY	CL	CA	EP	ZP	SY	PY	MG	FP	From (m)	To (m)	Interval (m)	Sample Number
			57.30	60.35	3.05	DR BR	X 0	0	<T	PW	PW	0	0	DT	<4	DW	0	S	57.30	60.35	3.05	950
			60.05	60.35	0.30	VEIN	X 0	0	PS	0	0	0	0	DT	<W	D 10	0	S	or 60.35	Blank		951
			dr br <10cm clast PPFQ; vague dr br - is this narrow dykes PPFQ i.c. dr ?; stg stk fr-ly filled; Vein - to 60.60 - uct wk break 65°, ms alt + 10-15% blebs of strong dis py, trace - sp ?																			
			60.35	63.40	3.05	DR BR	X 0	0	<T	PW	PW	0	0	0	<1	D F	0	A	60.35	63.40	3.05	952
			62.00	63.40	0.40	PPFQ	X 0	0	<W	PW	0	0	0	0	<T	D 1	0	M				
			dr-dar gy fr, PP clasts dar to blk; PPFQ - light gray, glassy matrix, fine fx phr, coarse qz phr,																			
			63.40	66.45	3.05	PPFQ	X 0	0	<T	PW	0	0	0	0	<T	0 1	0	S	63.40	66.45	3.05	953
			PP - strong fr-crush rx, spaced av 0.5-1mm, fx-phn tending to rounded fr. s/f. 45°																			
			66.45	66.87	0.42	PPFQ	X 0	0	<T	PW	0	0	0	0	<T			S	66.45	69.49	3.04	954
			66.87	69.49	2.62	PPFX	X 0	0	<W	PW	PL	0	0	DT	<T	D 2	0	S				
			PPFQ - as above - PPFX - med-dk gray, aphanitic, v fine fx phn v wk fine phn - lt to lt gy ~ 7% irreg blebs to 6cm - qz + ms + strong dis coarse py; fr - crushed rx filled; looks like subtle br																			
			69.49	72.54	3.05	PPFX	X ? 0	<T	QW	0	0	0	0	<T	BD 1	0	X	69.49	72.54	3.05	955
			PPFX - light thru to dk gy, phanitic faint v fine phn fx s wk fine alt bb (cy) fr x to cb br fr, blebs - soft material - alt - ms, brn 2 1; Py v wk fine dis ms ... coarse blebs																			
			72.54	75.89	3.35	PPFX	0	0	<T	PM	0	0	0	0	0	BD 2	0	S	72.54	75.89	3.35	956
			PPFX : PPFQ ? - dk gray-gy, aphanitic ? fx phr - bb (?) alt to cy dar to wk dk coarse - ms alt, patchy lt gy-cy-t - ms alt ? fr - ms filled ? bc ; Py coarse fr - strongest in ms alt light gray patches at top																			
			75.89	78.94	3.05	PPFQ	X 0	0	0	DW	0	0	0	0	0	DW	0	A	75.89	78.94	3.05	957
			76.90	78.74	1.84	PPFX	X 0	0	BS	PW	0	0	0	0	0	?	0	X				
			PPFQ - light gray, gla-gy ; cor rx faint ? fx - ? phn 1-2 - str w weak; fr - A - bc ... fr ix; lot 45°; PPFX : ... - bc, alt ... ts bl leak, fr - ms's blebs ~ 5-8%, locally strong py; fr - in places ...																			

DRILL HOLE LOG

Hole: NIKKI 10-03 Zone: Page: 05/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

	Depth:			
	Dip:			
	Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization: KF QZ MS CY CL CA EP CP GY PY MG FR	From (m)	To (m)	Interval (m)	Sample Number
			78.94	81.99	3.05	PPFX	X 0 >1 ≤10 P M 0 0 0 ? < ? ≥2 2 0 X	78.94	81.99	3.05	958
								1/4 split sample			959
							PP - mottled - med-dk green-gray, fr - X - bc strong, vf phn fx; phn alt'd? matrix alt'd to chl-hem color; qz - irreg vnlts + irregular fr, with py; fr - white filling - MS ± qy;				
			81.99	85.04	3.05	PPFX	X 0 ? F ≤2 S P M 0 0 0 ? < ? ≤0 F 0 X	81.99	85.04	3.05	960
			83.00	84.25	1.25	PPFG	X 0 0 0 P M 0 P2 M D T 0 0 D T 0 W				
							PP - mottled med-dk green-gray; fr strong bc - br(?); dk color - mm - MS(?) green alt; fr - filling mostly looks qy, qy + MS (better dev where py present				
							PPFG - olive green, strong green (mm) fine phn fx (alt), matrix - cy + chl -				
							microxl; vct 30° 5cm bc fr, lct 35°				
			85.04	88.09	3.05	PPFX	X 0 B W < M P S? 0 0 0 0 < F ≤0 1 0 X	85.04	88.09	3.05	961
							20cm band - no veining/alt - med dk gray fine fx hard to resolve, where fr - bc becomes strongly light colored - alt cy(?) ms? qy with fine specks + blebs med dark gray, lt/dk mottling, alt'n controlled py; py often blebby				
			88.09	91.44	3.35	PPFX	X 0 B W ≤2 H P M 0 < 5 ≤0 2 0 S	88.09	91.44	3.35	962
							PP - dk, 25° ltgray patches; qz - xl fr blebs to wk stringers; coarse py assoc patch / bleb qz; MS - vf, flood texture, py out, alt'd?				
			91.44	94.49	3.05	PPFX	X 0 ≤2 W P M P M 0 0 0 D T < 1 ≥2 1 0 M	91.44	94.49	3.05	963
							dar fr - MS ± py; pp - py, musc - chl - none massive qy (mm); dar coarse bleb py base of strong MS - cy alt.				
			94.49	97.54	3.05	PPFX	0 ≤2 W ≤2 W P M 0 0 0 D ? < 4 ≥2 1 0 S	94.49	97.54	3.05	964
							PP - mostly dk, fr strong but often weak; mv - 5mm 45° MS + 5% disc qz -				

DRILL HOLE LOG

Hole: NIKKI 10-03 Zone: Page: 06/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization	From (m)	To (m)	Interval (m)	Sample Number
			97.54	100.58	3.04	PPFX	KF Qz BW MS CY CL CA EP CP GY PY MG FP	97.54	100.58	3.04	965
							PP - see clasts - same rx one mxl scatter crowded v fine fx phn, fr density, dec indurated, fr reduced; patch ms - v alt wk, still py-fine				
			100.58	103.63	3.05	PPFX	KF Qz BW MS MP W 6 0 0 0 2 2 1 Qz W S	100.58	103.63	3.05	966
							PP - 10 cm blc - alt bands - py-ms + coarse py ~ qz; qz vn-lain 45°-75° ms				
							103.61 - 5cm blt - 45° to CA matrix, wk-mT				
			103.63	106.68	3.05	PPFG X	BW MP 0 0 ? 0 2 1 2 Qz S A	103.63	106.68	3.05	967
							mg - 15cm band, black, fine-mxt rx - looks similar to PPFG; med green gray - wk alt with 10-20% black - fx unoth; coarse black py common 3 qz (W)				
			106.68	109.73	3.05	PPFG X	BW MP 0 0 0 2 1 2 Qz S A	106.68	109.73	3.05	968
							alt - overall wk [illegible] fine fx display				
			109.73	112.78	3.05	PPFX X	BW MP W 0 0 0 2 2 1 0 S	109.73	112.78	3.05	969
			111.73	112.78	1.05	PPFG X	0 6 0 0 0 WDT 0 0 WDS A				
							PPFX - 6 to 37 cm - crowded fx phn - 1-3 mm s wk mf phn, ants fx, weak alt ms				
							PPFG - greenish black pp - fine phn (black green) in a aphan fx black matrix ms [illegible] py-fine on fr; = PP01?				
			112.78	115.82	3.04	PPFG X	0 0 2 T 0 0 2 W 2 T 0 0 2 W DS F	112.78	115.82		970
							mg 1-2% fx + mineral blebs phn in lt green gray matrix				
			115.82	118.87	3.05	PPFG X	0 0 2 W PW 0 0 0 0 2 W SW DS F	115.82	118.87		971
			118.56	118.87	0.31	PPFX X	0 0 F	at 118.87 E/o			972
							as above, dk grn phn fx crowded fine grained, minor strib, matrix [illegible] [illegible] mc + py vt +45° [illegible] 10°, below 118.56 - matrix				
							lt gray, fx - pale olive color - wk mm				

DRILL HOLE LOG

Hole: NIKE '10-01 Zone: Page: 7/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization: KF	Qz	MS	CY	CL	CA	EP	CP	GY	PY	MG	FR	From (m)	To (m)	Interval (m)	Sample Number
			118.87	121.92	3.05	PPFX	X	T	o		o	<	T	P	W		o	<	T		o		o		o		o		F	118.87	121.92	3.05	973

Light colour color, fine grained fsphe - wkay, 5-10% black accumulations; minor clay clasts, matrix becomes mxL; uct trn at 118.56; PPFG?

			121.92	124.97	3.05	PPFX	X	T	o	<	W		o	P	W		o	<	W		o		o		o	<	T	Q	W		M	121.92	124.97	3.05	974
			123.50	124.97	1.47	PPFG	X																					D	S			rt 124.97			

to above, color to 122.10; to 123.50 med gray to black bands crowded, below 123.50 - black, weak sphal ice fr

Standard CDN-CGS 21 975

			124.97	128.02	3.05	PPFG	X	T	o	<	W		o	P	W		o	<	W		o		o		o	D	T	O	S	30	F	124.97	128.02	3.05	976
			125.65	126.93		PPFX	X																					Q	W		F				

125.65-126.93 - dk grey color (fx) grey matrix, strong fol, greenish black, wk fine sphal fx due to lst

			128.02	131.06	3.04	PPFG	X	T	o	<	T		o		o		o	<	W		o		o		o	D	T	D	S		S	128.02	131.06	3.04	977
			130.60	131.06	0.46	PGBR	X							#	S			#	S									O		O		X				

PGBR - uct 65° clasts 1mm - 3cm = clay matrix

			131.06	134.42	3.36	PPFG	X	T	o	>	W	<	W		o		o	#	S	P	W		o		o	D	W	D	M		C	131.06	134.42	3.36	978
			131.06	131.65	0.59	PGBR								#	S			#	S											O		X				

PGBR - as above, clay matrix >> clasts; to 132.60 - shr & bc wk ay matrix at lst 5cm clay >> matrix; wk dis py - ra mg; 1cm qz MV - 65°

			134.42	136.86	2.44	PPFG	X	T	o	<	W	<	T		o		o	<	M		o		o		o	D	F	Q	W		A	134.42	136.86	2.44	979
			135.90	136.50	0.60	PGBR	X																					O	2		O		X			

PGBR - bc - wk br - shr; 1cm ms + stringers +10%; mg in rx to 0.5m; where ice py dissem; PPFG - grey/black wk fine sphal

			136.86	138.99	2.13	PPFG	X	T	o		o	<	2		o		o	<	W	P	T		o	<	T	B	I	D	S		F	136.86	138.99	2.13	980

py - fine < fr < mv - ms, qz > py; PPFG grey/black, fine - med sphal, ier in pyrite

DRILL HOLE LOG

Hole: NIKKT 10-03 Zone: Page: 08/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization: VE QZ MS CY CL CA EP CP GY PY MG FK	From (m)	To (m)	Interval (m)	Sample Number
			138.99	141.12	2.13	PPFG	VE: 0; QZ: 0; MS: <W; CY: 0; CL: 0; CA: <T; EP: 0; CP: 0; GY: ?; PY: <D W; MG: D S; FK: F	138.99	141.22	2.13	981
							py - d/s < fr < ms+py vt < 2cm.				
			141.12	144.17	3.05	PPFG	VE: X; QZ: 0; MS: 0; CY: <3; CL: 0; CA: 0; EP: <T; CP: 0; GY: 0; PY: ?; MG: D S; FK: W	141.12	144.17	3.05	982
			143.65	143.84	0.19	VEIN	VE: X; CY: >W; PY: V F; MG: D S; FK: S				
							VEIN - 30°, 1cm py at ucf, d/s wkbr ior br to lcf - 1cm gouge				
							142.75 - 143.65 - d/s ior ms vt ± mv; PP ~ 5% v fine fr phn				
			144.17	147.22	3.05	PPFG	VE: X; QZ: 0; MS: 0; CY: <W; CL: P W; CA: P W; EP: <T; CP: 0; GY: 0; PY: <T; MG: T D S; FK: F	144.17	147.22	3.05	983
							der d/s fr ± ms+py; hb - pole, precl, ± recr fr alt to dk green cy?				
			147.22	149.35	2.13	PPFG	VE: X; QZ: 0; CY: >W; CL: <W; CA: P W; EP: P W; CP: <T; GY: 0; PY: <W; MG: D S; FK: F	147.22	149.35	2.13	984
								at 149.35		¼ sp/ft	985
			149.35	152.40	3.05	PPFG	VE: X; QZ: 0; CY: <T; CL: <4; CA: E W; EP: P W; CP: >W; GY: 0; PY: 0; MG: <F D S; FK: F	149.35	152.40	3.05	986
							ior ms+py vt to 5mm; cyan-[illegible] on ms+py vt, ca mv on shr 5-10mm;				
							der d/s ± py;				
			152.40	155.45	3.05	PPFG	VE: X; QZ: 0; CY: <W; CL: E T; CA: P W; EP: >F; CP: 0; GY: 0; PY: <T; MG: D S; FK: F	152.40	155.45	3.05	987
							152.48 - fair shr w/ ft mv ca, 5cm, 45°; 152.75 shr - 15°, wk wkbr ea				
							ms vt ± py - [illegible] wk.				
			155.45	158.50	3.05	PPFG	VE: X; QZ: 0; CY: <W; CL: <W; CA: 0; EP: P W; CP: <W; GY: D W; PY: 0; MG: <T; CA: <T; FK: D S; W	155.45	158.50	3.05	988
								at 158.50			989
								Standard - DN CCS - 3			

DRILL HOLE LOG

Hole: NIKKI 12-03 Zone: Page: 09/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																			From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)			KF	QZ	MS	CY	CL	CA	EP	CP	GY	PY	MG	FR							(m)	(m)	(m)	Number
			158.50	161.54	3.04	PPFG	X	o	<T	<W	o	PW	<W	o	o	<T	<W	DS	W							158.50	161.54	3.04	990
			ms+py vt <1-2mm av <1mm width; py fr (rare)																										
			161.54	164.59	3.05	=	X	EW	o	<W	EW	PW	<F	DT	o	?	T	GD	W	DS	W							161.54	164.59	3.05	991
			15cm band - weak kf (pink) + qz alt - flooding contr (?); ca = cb; kf in 15cm: strong fine fr (ms' alt')																										
			164.59	167.64	3.05	=	X	o	o	<W	GW	PW	CB	o	o	o	<W	DS	F							164.59	167.64	3.05	992
													<F																
			25cm band - matrix v pale green, med pho-dk grey hbto cy (?); CB-? - Possible wk ms alt																										
			167.64	170.69	3.05	=	X	o	<W	<W	EW	PW	<F	PW	o	o	GD	W	DS	W							167.64	170.69	3.05	993
																												rt	170.69	Blank	994
			169.10-169.30 - flt · uct 30° 1-2cm clay on uct + lat, internal wk br CA-CB ± CY+CA alt'																										
			170.69	173.74	3.05	=	X	o	o	<W	EW	PW	o	<T	o	o	GD	T	DS	F							170.69	173.74	3.05	995
			fine white fx pho - in places possibly pink kf (?); 172.35 flt 13cm - clast ≤ 1mm in clay matrix, 80°;																										
			173.74	176.78	3.04	=	X	o	o	<2	EW	o	o	o	o	?	75	<W	DS	W							173.74	176.78	3.04	996
			175.60	175.72	0.12	VEIN	X																							
			MS vt 0.5-3mm av 1mm, no asso py; occ 5-10mm blc band - on around ms vt - dk grey pho - pf - hb (?) wk alt; Vein sharp cnts, pink. AH ~25% replaced by SF-75%																										
			176.78	179.83	3.05	=		o	o	<W	EW	W	o	<W	DT	o	<W	<W	DS	W							176.78	179.83	3.05	997
			interstitial (?) white fine mineral - fx - possible kf (?), 1cr py - dry fr 3 occ 2mm vt, MS vt - no py																										

DRILL HOLE LOG

Hole: NIKKI 10-03 Zone: Page: 10/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																			From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)		KF	QZ	MS	CY	CL	CA	EP	CP	SY	PY	MG	FE								(m)	(m)	(m)	Number
			179.83	182.88	3.05	PPFG	X	?		0	<	1	Q	W	P	W	<	W	<	W		0	<	W	<	W	D	S		A	179.83	182.88	3.05	998
						15cm bed. d-blc 15% 1-3mm phn-green black 30°t(mm) in a gray aph matrix fine white fx- in places looks slightly pink - kf ?; cp-on fc;																									
			182.88	185.93	3.05	=	X	?		>	W	<	W		0	P	W	<	W	<	W		0	?		G	W	D	S		A	182.88	185.93	3.05	999
			184.83	185.02	0.19	VEIN	X				V	80					Y	W								D	W							
						vein - 75°																								
			185.93	188.98	3.05	=	X	?		0	<	W	E	T	P	W	<	T	<	W		0	0		<	T	D	S		F	185.93	188.98	3.05	G0559006
						vf ms der <0.5mm av. minor blc (wk) cn																								
			188.98	192.02	3.04	=	X	?		<	W	E	W	E	W		?	<	T		0		0	<	T	<	W	D	S		F	188.98	192.02	3.04	J981000
						qzvt < 2mm en ms ay - first appearance; some ms vt-wlc cn blc + cy-y wisps																									
			192.02	195.07	3.05	=	X	?		0	<	F	E	T		?	<	T		0		0	?		<	T	D	S		F	192.02	195.07	3.05	001
						ms vt - hairlike to 5mm, occ v wk at cn; py weakens																								
			195.07	198.12	3.05	=	X	E	W	E	T	<	W	E	T	P	L		0	<	W		0	0	<	T	D	S		F	195.07	198.12		002
						kf - 5mm band graphic qz+pf and minor pink graphic < kf seps at 195.07 & 198m. 1mm cpt with pink kf irregularcore; dis pink kf - blc ms vt & lock py																									
			198.12	201.17			X	E	E	T		0	<	W	E	W	P	W	<	T	<	W	?		<	T	<	W	D	S		F	198.12	201.17		003
																																	at 201.17		004
						kf - dis in bands ~ 30cm wide with ms vt present, assoc cp & seen in ms cp vt with wk en pink kf; py-dry fc																									Standard CDN CGS-1	

DRILL HOLE LOG

Hole: NIKKI 10-07 Zone: Page: 11/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit	Alteration and Mineralization														From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)		KF	QZ	MS	CY	CL	C A	EP	CP	GY	PY	MG	FR			(m)	(m)	(m)	Number
			201.17	204.22	3.05	PPFG	X	< T	< W	< W	E W		o	E W	S W		o		o	S W	D S		A	201.17	204.22	3.05	005
			201.40	201.50	0.10	VEIN	X	o		o	V 40	V 30		o	P S		o		o	V 10		o		X				
			Vein - 65° wst 5cm MS with 1cm py band + on let 5cm fault br-clays fine clasts																					
			1cm fr; vtms - rare py, white < 0.5 - 5mm av 1mm, minor ca cem(?), cy cem.																					
			often pale-med green																					
			204.22	207.26	3.04	=	X	B T	> W	S V	1	E W		o	E T	D T		o		o	< W	D S		A	204.22	207.26	3.04	006
			fr-occ clk; msvt - most < 2mm, no py, white, a few up to 4cm ms + qz + py																					
			qzvt + py ~ 1cm																					
			207.26	210.31	3.05	=	X	o	o	< W	o	o	< W	E W	o	?		S D	W	D S		M	207.26	210.31	3.05	007
			ca - tr wall msvt - alt; ep-cn < 0.5mm msvt																					
			210.31	213.36	3.05	=	X	B T		o	< W	E	F	?		o	D T		o		o	< T	D S		F	210.31	213.36	3.05	008
			dcr msvt + py; ency - wk fr to dk green cy;																					
			213.36	216.41	3.05	=	X	B T		o	< W	E	W	/		E W	D T		o		o	< T	D S		F	213.36	216.41	3.05	009
			dcr - msvt																					
			216.41	219.46	3.05	=		S T		2	< W		o	/		E W	E W		o		o	S D	W	D S		F	216.41	219.46	3.05	010
			cp - cn ad. msvt																					
			219.46	221.59	2.13	=		D T		o	< T		o	/		o	< T		o		o	S T	D S		M	219.46	221.59	2.13	011
																						at	221.59	Blank	012
			219.50 - 10cm flt - clay ± clasts, 60°																					

DRILL HOLE LOG

Hole: NIKKI 10-03 Zone: Page: 12/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization: KF QZ MS CY CL CA EP CP GY PY MG FR	From (m)	To (m)	Interval (m)	Sample Number
			221.59	223.42	1.83	PPFG	X ° 0 0 <W 0 / EW 0 0 ? DT DS W	221.59	223.42	1.83	013
			222.16	223.42	1.26	PG BRX	0 0 0 #50 #10 0 0 0 0 QS X				
						FTZN vuc-40cm br-clay gouge=clasts, at lct-5cm-clay minor fine clasts, between strong fr-bc, flt 45°)					
			223.42	225.55	2.13	=	X DT 0 <W <W / #WEF ° 0 <W DS X	223.42	225.55	2.13	014
						flt 223.65-15cm clay gouge, weak clasts, strong; flt-224.0-8cm clay gouge; dar fr near lct					
			225.55	228.60	3.05	=	X ? W 0 <W -W / 0 DW 0 0 DT DS M	225.55	228.60	3.05	015
						'graphic' pf (?) replaced by k-; blebs coarse k-qz; ~30% matrix light green 5-15% da. crystals in fine grained plag-hb-toxy matrix					
			228.60	231.65	3.05	=	X DT 0 <F <W / 0 DT 0 0 DT DS F	228.60	231.65	3.05	016
						below 230.8 ice fr-M; vtns-white 1-2mm rare clear-no py;					
			231.65	234.70	3.05	=	X DT 0 <W E W P M 0 DW 0 0 DW DS S	231.65	234.70	3.05	017
						fr. above 232.70=W; ~231.0-233.50-light colored matrix 10-15% alt hb -clay fine-mgard, vague ss top/btm; flt 232.70-18cm br-wk 70° possible vuc DEPP					
			234.70	236.83	2.13	=	X ° > F <W 0 / EW D F 0 <W DW F DS F	234.70	236.83	2.13	018
						noteable ice dis py & ep; cav wall msvt		at 236.83			019
								Standard CDN-CGS 23			
			236.83	239.88	3.05	=	X DT <W <W E T / ET EW 0 <I DW DS M	236.83	239.88	3.05	020
						wide band-matrix pale green-gray with 10-15% m-grd hb ± clasts; msvt-dark py; 239.15 flt-3cm clay gouge					

DRILL HOLE LOG

Hole: NIKKI 10-03 Zone: Page: 13/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																			From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)		KF	QZ	MS	CY	CL	CA	EP	CP	QY	PY	MG	FR								(m)	(m)	(m)	Number
			239.98	240.93	1.05	PPEG	X	DF		0	<	W	0	PM	<	T	DT		0		0	<	W	DS		VI	239.98	242.62	2.74	021
						kf - ier, replacing graphic pf																							
			240.93	242.62	1.69	FELS	X	DT		0		0		0		0	P <	M		0		0		0		0		X				
						vnt - 5cm; flt br - gouge with < 2mm clasts; 242.05 - 242.33 - ftzn - 3 bands < 5cm ea of clay gouge with fine clasts; FELS(?) - dark green-grey, gray micro xl, v fine fx phn (weak) grading into olive gray aphanitic rocks																						
			242.62	245.67	3.05	FELS	X		0		0		0		0	P <	M		0		0		0		0		A	242.62	245.67	3.05	022
			243.40	245.67	2.27	PPEG	X	D	2	<	W	<	T		0	P	M	P	F	D	F		0		0	< D	W	D	S		F					
						flt - 242.62 - 8cm; clay gouge with clasts 46°; 243.40 - 86 - shr br bands of cnts 60°; middling bc rock; PP - graphic fx - most looks replacement / kf; PP mid dk gray																						
			245.67	248.41	2.74	PPEG	X	D	W	<	T	<	T		0	P	M	<	W	D	T	<	T		0	<	W	D	S		M	245.67	248.41	2.74	023
						CA - 2B(?) vns to 5mm; kf - replacing graphic pf, < 1% pyrite blebs en fr																								at	248.41	Blank	024
			248.41	249.94	1.53	=	X		0	<	W	<	T		0	P	M		0		0		0	<	T	<	W	D	S		W	248.41	249.94	1.53	025
			249.94	252.98	3.04	=	X	?			0	<	T	E	T	P	M	<	T		0		0	<	T	<	T	D	S		F	249.94	252.98	3.04	026
						kf - graphic fx to kf?																												
			252.98	256.03	3.05	=	X	F D	W		0	<	T	<	W	P	M	<	T	D	T	<	T	<	W	<	T	Q	A			252.98	256.03	3.05	027
						254.0 - d/s 30cm highly fr - wk flt; < 2mm white vnt - ay accessory gyp or is this v wk nixvt?; fr ier below 254.0m;																												

DRILL HOLE LOG

Hole: NIKKI 10-03 Zone: Page: 14 | 18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization: KF	QZ	MS	CY	CL	CA	EP	CP	GY	PY	MG	FR	From (m)	To (m)	Interval (m)	Sample Number
			256.03	259.08	3.05	PPFG	5/D W	> W	< W	E W	/	< T	D T		o	< T	D T	D S	A	256.03	259.08	3.05	028
						flt - 256.92 - ~5cm br. wk clay; major change matrix PP - med gray rather than dk gray green																
			259.08	262.13	3.05	=	< W	o	< T	< W	/	E W	D T		o	< T	< W	D S	M	259.08	262.13	3.05	029
						matrix - med gray																
			262.13	265.18	3.05	=	X	Q 3	o	< T	< W	/	5/E W	< T	o	< W	< W	D S	F	262.13	265.18	3.05	030
						matrix med & dk gray; 1-2% dis fr & to 9cm band (replacing matrix)																
			265.18	268.22	3.05	=	< W	o	< T	< W	/	< T	D T		o	< W	< T	D S	F	265.18	268.22	3.05	031
						PP - med gray; [illegible]; 265.65 - 15cm around core - [illegible]																
			268.22	269.75	3.05	=	D T	o	< T	< W	/	< T	o		o	< W	< W	D S	W	268.22	269.75	3.05	032
																				1/4 Split sample		033
			269.75	272.80	3.05	=		o	o	< T	5/E W	/	E W	D T		o	< T	5/D W	D S	W	269.75	272.80	3.05	034
						PP - mostly med gray, p.v. fine grd mainly; 271.28 - flt 8cm shrs lf 45°; change [illegible]																	
			272.80	275.84	3.05	=	D T	o	< T	< W	/	E W	< T		o	< T	5/D T	[illegible]	A	F	272.80	275.84	3.05	035
						mg - patchy [illegible] 20%; 272.88 - 273.30 - flt br matrix > clasts not [illegible] lf c 45°; 274.0 d/s 10cm strong fr fr ± 0-10°;																	

DRILL HOLE LOG

Hole: NIKKI 10-03 Zone: Page: 15

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization	From (m)	To (m)	Interval (m)	Sample Number
			275.84	278.89	3.05	PPFG	KF QZ MS CY CL CA EP CP GY PY MG FE 0 0 <T <F / EW <T 0 <T ≤D W D A F mg - a few bands mg: 0; pyrt on white cy?; PP - tending to light gray microxl;	275.84	278.89	3.05	036
			278.89	281.94	3.05	=	0 0 <T <W / <W ? 0 <T <W D S W cp? - right color but soft pyrt + v wk ms on & outwards white cy on 281.2 d/s iscr fr ±10°	278.89	281.94	3.05	037
			281.94	283.46	1.52	=	0 0 0 0 / P W ≤D F 0 0 ≤D F D A F mg - intensity decr?, 282.94 d/s sections strong?, 10-20°; med gray color, microxl-v fine grained matrix, dk green alt/bk-alt? pha assoc't to rare; iscr cp & py	281.94	283.46	1.52	038
			283.46	286.51	3.05	=	0 0 >1 ? / > W ≤D W D T 0 <F D S W 283.46 - 285.0 - wk f/t - shears 10-20°; white bands - up to 2cm, av 3mm occ py core, often wks = wk ms & stockwk?; light gray matrix - phanik - alt mf to be present - fr;	283.46	286.51	3.05	039
			286.51	289.56	3.05	=	0 0 <W ? / <T ≤D W 0 0 <W D S A 286.91 - 287.32 - fr - S wk f/t; 289.40 - 1cm 10° br - wk f/t; PP mxl to incr; white band = cy	286.51	289.56	3.05	040
			289.56	292.61	3.05	=	X D T 0 <T <W / <Vn DF W 0 <T <W D S F X 0 <W 0 <W 0 <W 0 0 <T 0 0 W	289.56 at 292.61	292.61	3.05	041 042
			292.23	292.57	0.34	FELS	note: graphic fx; Fels - vct 60° lct 40°; lite greenish gray aphanitic				
			292.57	295.66	3.09	=	X <W <T <W <W / 0 D T 0 <T <W D S W med lite gray matrix, mxl matrix, mafics - 15%	292.61	295.66		043

DRILL HOLE LOG

Hole: NIKKT 10-03 Zone: Page: 16/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)		KF	QZ	MS	CY	CL	CA	EP	CP	GY	PY	MG	FR					(m)	(m)	(m)	Number
			295.66	298.70	3.04	PPFG	X	°	T		0	<	W	<	W	/			0	°	W		°	<	T	<	M	D	S		W	295.66	298.70	3.04	044

lite-med gray color matrix x mxl; ep-right color but < 6 hardness -

			298.70	301.75	3.05	PPFG	X	P	F		0	<	T	<	T	/			0		P	W		0	<	T	<	T	D	A		W	298.70	301.75	3.05	045

leucocratic dyke up to 2cm wide // core axis at top x 1.3m length dyke often kf stained

			301.75	304.80	3.05	PPFG	X		0		0	<	T	<	T	/		<	T		0		0		0	D	T	D	S		W	301.75	304.80	3.05	046
			302.35	304.80	2.45	PPFX	X		0		0		0	#	A		0	>	W		0		0		0	D	T		0		S						

ppfg - wk green cy aphanitic - ep looking, but soft, matrix v fine grnd;
PPFX - dyke set 45°, dk green v fine grnd matrix with f-med grnd fx's
core fine bb° - 2 bands br - total 1m

			304.80	305.23	0.43	PPFX	X		0		0		0	#	W		0	<	W		0		0		0	D	T		0		A	304.80	307.85	3.05	047
			305.23	306.48	1.25	PPFG	X		0		0		0	<	T	/		<	T		0		0		0	D	T	D	S		M	at	307.85		048

PPFX - as above, set 45°; PPFG - still MXL matrix

Standard CON-023

			306.48	307.85	1.37	DRPP	X		0		0		0	<	W	/		<	W	<	W		0		0	D	T	D	A		M						

cyvt - white veining - possible ms+ca, ep - green epidote veinlet possible x 2 #; DRPP fine-med grnd - fm; 307.50 - sft wk 2cm clay gouge

			307.85	310.90	3.05				D	W		0	<	T	<	F	/	<	W	D	W		0		D	D	W	D	S		F	307.85	310.90	3.05	049

ms py vt with cy on seam; kf-dis-interstitials to loc MV DR - matrix
2 grnd

			310.90	313.94	3.04				D	F		0	<	T	<	F	/	<	W	D	W		0	?		D	W	D	S	45	W	310.90	313.94	3.04	050

kf - interstitial, fr x to 1cm kf + ep vn; DR - matrix v fine grnd, lt-f-med;

DRILL HOLE LOG

Hole: NIKKT 10-03 Zone: Page: 17/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization KF	QZ	MS	CY	CL	CA	EP	CP	GY	PY	MG	FR	From (m)	To (m)	Interval (m)	Sample Number
			313.94	316.99	3.05	DRPP	X	VD 2	0	< T	< W	/	< T	D T	0	< T	D W	D S	W	313.94	316.99	3.05	051
						314.14 - 314.60 - 1cm vct @ 4cm lat - fel/silic bands ~ 65° / intergran/aphanitic with fine fs phn; matrix - fine grd, same as seen up hole in PPFG kf - dis, fr - 15mm'vn'															
			316.99	320.04	3.05	=	X	MD 1	< T	< T	VE F	/	< W	< T	0	< T	D T	D S	W	316.99	320.04	3.05	052
						FELS - 3cm band; msvt - cy cn - PPDR; sim to c to 316.00 c; bands strong. dis kf;															
			320.04	323.09	3.05	=	X	D	F	0	< W	E W	/	< T	? T	0	0	D T	D S	W	320.04	323.09	3.05	053
						matrix - v fine grd - n. xl - < 15% (?), tr bl; kf - dis, fr to 2mm; mg est dis ~ 2% (?)															
			323.09	326.14	3.05	=	X	D W	< T	< W	VE W	/	< T	? T	0	0	D W	D S	W	323.09	326.14	3.05	054
						FELS - 323.60 - 20cm - vct 45°, v fgrd, pink color - kf ? leading;														at 326.14	Blank	
			326.14	329.18	3.04	=	X	D T	0	< T	< W	/	< T	D W	0	0	D T	D S	W	326.14	329.18	3.04	056
						ep ? - right color but matrix too soft -																
			329.18	332.23	3.05	=	X	D W	0	0	< W	/	< T	D T	0	0	D T	D A	W	329.18	332.23	3.05	057
						mg - weakening ? ; ep ? ; kf - dis - very wk replacing pl ?)																
			332.23	335.28	3.05	=	X	B T	> W	VE < W	VE W	/	< T	?	0	< T	< T	D S	W	332.23	335.28	3.05	058
			332.45	332.60	0.15		X			VE 15							D 2	0	50 X				
						332.45 - 1cm MS mv with MS + py en, below MV - rx br; DE - dark fine [illegible]; bands 3-25cm fine grd dr; B - shr - fr to 1cm @ 45°;															

DRILL HOLE LOG

Hole: NIKKI 10-03 Zone: Page: 18/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

| Visual Log | | | From | To | Interval | Unit | Alteration and Mineralization | | |

Complete Sample List

Property:	NIKKI														
Hole	From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Cu (ppm)	Mo (ppm)	As (ppm)	Bi (ppm)	Comments
NIKKI-10-03	0.00	4.55	4.55			N/S								Not sampled
NIKKI-10-03	4.55	6.10	1.55			G0558928	10	0.024	0.1	393	1	3	1	
NIKKI-10-03	6.10	9.14	3.04			G0558929	10	0.021	0.1	404	3	1	1	
NIKKI-10-03	9.14	12.19	3.05			G0558930	10	0.028	0.1	570	1	1	1	
NIKKI-10-03	12.19	15.24	3.05			G0558931	10	0.007	0.1	275	2	1	1	
NIKKI-10-03	15.24	18.28	3.04			G0558932	10	0.021	0.4	620	2	2	1	
NIKKI-10-03						G0558933	10	0.935	4.7	12850	180	22	9	CDN-CGS-21
NIKKI-10-03	18.28	21.34	3.06			G0558934	10	0.031	0.5	470	1	1	1	
NIKKI-10-03	21.34	24.38	3.04			G0558935	10	0.031	0.4	294	<1	7	1	
NIKKI-10-03	24.38	27.43	3.05			G0558936	10	0.029	0.3	236	<1	1	3	
NIKKI-10-03	27.43	30.48	3.05			G0558937	10	0.041	0.2	361	<1	1	2	
NIKKI-10-03						G0558938	10	0.0025	0.1	1	<1	2	2	BLANK BATCH B
NIKKI-10-03	30.48	33.53	3.05			G0558939	10	0.047	0.3	532	<1	1	1	
NIKKI-10-03	33.53	36.58	3.05			G0558940	10	0.03	0.3	397	<1	1	2	
NIKKI-10-03	36.58	39.62	3.04			G0558941	10	0.018	0.3	237	<1	1	2	
NIKKI-10-03	39.62	42.67	3.05			G0558942	10	0.026	0.3	344	<1	3	1	
NIKKI-10-03	42.67	45.72	3.05			G0558943	10	0.045	0.2	474	<1	1	1	
NIKKI-10-03	45.72	46.33	0.61			G0558944	10	0.027	0.2	289	<1	1	2	
NIKKI-10-03						G0558945	10	0.222	2	1895	153	27	3	CDN-CGS-23
NIKKI-10-03	46.33	48.77	2.44			G0558946	10	0.023	0.1	261	1	1	1	
NIKKI-10-03	48.77	51.21	2.44			G0558947	10	0.017	0.1	303	1	4	1	
NIKKI-10-03	51.21	54.25	3.04			G0558948	10	0.036	0.1	400	4	6	1	
NIKKI-10-03	54.25	57.30	3.05			G0558949	10	0.011	0.1	270	1	1	1	
NIKKI-10-03	57.30	60.35	3.05			G0558950	10	0.006	0.1	256	1	2	1	
NIKKI-10-03						G0558951	10	0.0025	0.1	1	<1	1	1	BLANK BATCH B
NIKKI-10-03	60.35	63.40	3.05			G0558952	10	0.007	0.1	157	<1	1	1	
NIKKI-10-03	63.40	66.45	3.05			G0558953	10	0.0025	0.1	89	<1	1	1	
NIKKI-10-03	66.45	69.49	3.04			G0558954	10	0.005	0.1	249	1	2	1	
NIKKI-10-03	69.49	72.54	3.05			G0558955	10	0.0025	0.1	32	2	1	1	
NIKKI-10-03	72.54	75.89	3.35			G0558956	10	0.012	0.1	158	1	2	1	
NIKKI-10-03	75.89	78.94	3.05			G0558957	10	0.008	0.1	117	2	2	1	
NIKKI-10-03	78.94	81.99	3.05			G0558958	10	0.0025	0.1	89	1	2	1	
NIKKI-10-03						G0558959	10	0.0025	0.1	164	1	1	1	1/4 SAMPLE OF 958
NIKKI-10-03	81.99	85.04	3.05			G0558960	10	0.013	0.1	85	1	5	1	
NIKKI-10-03	85.04	88.09	3.05			G0558961	10	0.0025	0.1	135	1	1	1	
NIKKI-10-03	88.09	91.44	3.35			G0558962	10	0.0025	0.1	38	3	4	1	
NIKKI-10-03	91.44	94.49	3.05			G0558963	10	0.0025	0.1	2	5	4	1	
NIKKI-10-03	94.49	97.54	3.05			G0558964	11	0.005	0.3	58	1	7	1	
NIKKI-10-03	97.54	100.58	3.04			G0558965	11	0.008	0.1	167	<1	2	1	
NIKKI-10-03	100.58	103.63	3.05			G0558966	11	0.02	0.1	224	<1	3	1	
NIKKI-10-03	103.63	106.68	3.05			G0558967	11	0.027	0.3	219	2	8	1	
NIKKI-10-03	106.68	109.73	3.05			G0558968	11	0.017	0.3	216	2	4	1	
NIKKI-10-03	109.73	112.78	3.05			G0558969	11	0.018	0.1	301	3	3	1	
NIKKI-10-03	112.78	115.82	3.04			G0558970	11	0.029	0.1	363	5	3	1	
NIKKI-10-03	115.82	118.87	3.05			G0558971	11	0.009	0.1	281	1	4	1	
NIKKI-10-03						G0558972	11	0.0025	0.1	4	<1	6	1	BLANK BATCH B
NIKKI-10-03	118.87	121.92	3.05			G0558973	11	0.0025	0.1	51	1	2	1	
NIKKI-10-03	121.92	124.97	3.05			G0558974	11	0.036	0.2	216	1	9	1	
NIKKI-10-03						G0558975	11	0.942	4.9	13050	186	24	1	CDN-CGS-21
NIKKI-10-03	124.97	128.02	3.05			G0558976	11	0.005	0.1	217	<1	3	1	
NIKKI-10-03	128.02	131.06	3.04			G0558977	11	0.011	0.1	143	1	2	1	
NIKKI-10-03	131.06	134.42	3.36			G0558978	11	0.035	0.5	449	2	6	1	
NIKKI-10-03	134.42	136.86	2.44			G0558979	11	0.022	0.6	265	7	16	1	
NIKKI-10-03	136.86	138.99	2.13			G0558980	11	0.017	0.1	258	1	1	1	
NIKKI-10-03	138.99	141.12	2.13			G0558981	11	0.016	0.1	254	4	4	1	
NIKKI-10-03	141.12	144.17	3.05			G0558982	11	0.021	0.1	270	1	4	1	
NIKKI-10-03	144.17	147.22	3.05			G0558983	11	0.025	0.1	261	1	2	1	
NIKKI-10-03	147.22	149.35	2.13			G0558984	11	0.022	0.1	247	1	6	1	
NIKKI-10-03						G0558985	11	0.021	0.1	206	1	2	1	1/4 SAMPLE OF 984
NIKKI-10-03	149.35	152.40	3.05			G0558986	11	0.016	0.1	269	1	1	1	
NIKKI-10-03	152.40	155.45	3.05			G0558987	11	0.014	0.1	223	1	3	1	
NIKKI-10-03	155.45	158.50	3.05			G0558988	11	0.017	0.1	215	1	1	1	

Complete Sample List

Property:	NIKKI														
Hole	From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Cu (ppm)	Mo (ppm)	As (ppm)	Bi (ppm)	Comments
NIKKI-10-03						G0558989	11	0.227	2	1890	152	27	1	CDN-CGS-23
NIKKI-10-03	158.50	161.54	3.04			G0558990	11	0.016	0.1	256	2	3	1	
NIKKI-10-03	161.54	164.59	3.05			G0558991	11	0.013	0.1	208	1	3	1	
NIKKI-10-03	164.59	167.64	3.05			G0558992	11	0.014	0.1	237	1	1	1	
NIKKI-10-03	167.64	170.69	3.05			G0558993	11	0.014	0.1	246	1	7	1	
NIKKI-10-03		BLANK				G0558994	11	0.0025	0.1	2	<1	4	1	
NIKKI-10-03	170.69	173.74	3.05			G0558995	11	0.012	0.1	244	1	2	1	
NIKKI-10-03	173.74	176.00	2.26			G0558996	11	0.021	0.2	315	2	1	1	
NIKKI-10-03	176.00	179.83	3.83			G0558997	11	0.018	0.1	366	1	2	1	
NIKKI-10-03	179.83	182.88	3.05			G0558998	11	0.02	0.1	321	1	2	1	
NIKKI-10-03	182.88	185.93	3.05			G0558999	11	0.041	0.3	299	1	24	1	
NIKKI-10-03	185.93	188.98	3.05			G0559000	12	0.007	0.1	172	<1	2	1	
NIKKI-10-03	188.98	192.02	3.04			J981000	12	0.075	0.1	204	<1	1	1	
NIKKI-10-03	192.02	195.07	3.05			J981001	12	0.017	0.3	252	<1	2	1	
NIKKI-10-03	195.07	198.12	3.05			J981002	12	0.015	0.4	253	<1	1	1	
NIKKI-10-03	198.12	201.17	3.05			J981003	12	0.011	0.3	270	<1	3	1	
NIKKI-10-03						J981004	12	0.945	4.5	12850	189	21	3	CDN-CGS-21
NIKKI-10-03	201.17	204.22	3.05			J981005	12	0.016	0.3	196	<1	5	1	
NIKKI-10-03	204.22	207.26	3.04			J981006	12	0.01	0.2	257	<1	2	1	
NIKKI-10-03	207.26	210.31	3.05			J981007	12	0.009	0.2	212	<1	4	1	
NIKKI-10-03	210.31	213.36	3.05			J981008	12	0.009	0.6	191	<1	2	1	
NIKKI-10-03	213.36	216.41	3.05			J981009	12	0.008	0.2	188	<1	3	1	
NIKKI-10-03	216.41	219.46	3.05			J981010	12	0.011	0.2	214	<1	4	1	
NIKKI-10-03	219.46	221.59	2.13			J981011	12	0.009	0.2	153	<1	3	1	
NIKKI-10-03						J981012	12	0.0025	0.1	4	<1	1	1	BLANK BATCH B
NIKKI-10-03	221.59	223.42	1.83			J981013	12	0.013	0.4	169	<1	6	1	
NIKKI-10-03	223.42	225.55	2.13			J981014	12	0.021	0.5	309	1	8	1	
NIKKI-10-03	225.55	228.60	3.05			J981015	12	0.009	0.2	160	1	5	1	
NIKKI-10-03	228.60	231.65	3.05			J981016	12	0.012	0.1	217	<1	3	1	
NIKKI-10-03	231.65	234.70	3.05			J981017	12	0.009	0.2	274	<1	1	1	
NIKKI-10-03	234.70	236.83	2.13			J981018	12	0.012	0.3	352	1	2	1	
NIKKI-10-03						J981019	12	0.195	1.9	1920	144	28	1	CDN-CGS-23
NIKKI-10-03	236.83	239.88	3.05			J981020	12	0.013	0.2	273	1	2	1	
NIKKI-10-03	239.88	242.62	2.74			J981021	12	0.0025	0.1	93	2	2	1	
NIKKI-10-03	242.62	245.67	3.05			J981022	12	0.006	0.2	129	<1	2	1	
NIKKI-10-03	245.67	248.41	2.74			J981023	12	0.007	0.1	156	<1	3	1	
NIKKI-10-03						J981024	12	0.0025	0.1	8	<1	1	1	BLANK BATCH B
NIKKI-10-03	248.41	249.94	1.53			J981025	12	0.01	0.2	218	1	1	4	
NIKKI-10-03	249.94	252.98	3.04			J981026	12	0.007	0.2	184	<1	1	4	
NIKKI-10-03	252.98	256.03	3.05			J981027	12	0.013	0.1	197	1	1	4	
NIKKI-10-03	256.03	259.08	3.05			J981028	12	0.012	0.1	199	<1	1	3	
NIKKI-10-03	259.08	262.13	3.05			J981029	12	0.007	0.1	176	<1	2	5	
NIKKI-10-03	262.13	265.18	3.05			J981030	12	0.005	0.1	192	1	1	4	
NIKKI-10-03	265.18	268.22	3.04			J981031	12	0.009	0.1	198	<1	1	3	
NIKKI-10-03	268.22	269.75	1.53			J981032	12	0.018	0.1	269	<1	2	3	
NIKKI-10-03						J981033	12	0.015	0.5	276	<1	3	3	1/4 SAMPLE OF 032
NIKKI-10-03	269.75	272.80	3.05			J981034	12	0.01	0.1	218	<1	7	4	
NIKKI-10-03	272.80	275.84	3.04			J981035	12	0.005	0.2	216	<1	8	3	
NIKKI-10-03	275.84	278.89	3.05			J981036	13	0.008	0.2	202	2	2	1	
NIKKI-10-03	278.89	281.94	3.05			J981037	13	0.021	0.4	258	1	1	1	
NIKKI-10-03	281.94	283.46	1.52			J981038	13	0.016	0.5	336	1	4	1	
NIKKI-10-03	283.46	286.51	3.05			J981039	13	0.016	0.4	265	1	6	1	
NIKKI-10-03	286.51	289.56	3.05			J981040	13	0.038	0.2	319	1	2	1	
NIKKI-10-03	289.56	292.61	3.05			J981041	13	0.007	0.2	238	1	1	1	
NIKKI-10-03						J981042	13	0.0025	0.2	3	<1	1	1	BLANK BATCH B
NIKKI-10-03	292.61	295.66	3.05			J981043	13	0.013	0.2	267	1	3	1	
NIKKI-10-03	295.66	298.70	3.04			J981044	13	0.014	0.3	276	1	1	1	
NIKKI-10-03	298.70	301.75	3.05			J981045	13	0.006	0.1	238	<1	3	1	
NIKKI-10-03	301.75	304.80	3.05			J981046	13	0.0025	0.2	229	<1	4	1	
NIKKI-10-03	304.80	307.85	3.05			J981047	13	0.0025	0.1	161	<1	3	1	
NIKKI-10-03						J981048	13	0.959	5	13500	193	21	1	CDN-CGS-21
NIKKI-10-03	307.85	310.90	3.05			J981049	13	0.01	0.2	144	1	2	1	

Complete Sample List

Property:	NIKKI													
Hole	From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Cu (ppm)	Mo (ppm)	As (ppm)	Bi (ppm)	Comments
NIKKI-10-03	310.90	313.94	3.04			J981050	13	0.016	0.1	125	<1	4	1	
NIKKI-10-03	313.94	316.99	3.05			J981051	13	0.018	0.1	193	<1	4	1	
NIKKI-10-03	316.99	320.04	3.05			J981052	13	0.008	0.1	84	<1	4	1	
NIKKI-10-03	320.04	323.09	3.05			J981053	13	0.01	0.1	125	<1	2	1	
NIKKI-10-03	323.09	326.14	3.05			J981054	13	0.005	0.1	114	<1	1	1	
NIKKI-10-03		BLANK				J981055	13	0.0025	0.1	5	<1	1	1	
NIKKI-10-03						J981056	13	0.0025	0.1	54	<1	1	1	BLANK BATCH B
NIKKI-10-03	329.18	332.23	3.05			J981057	13	0.0025	0.1	130	<1	5	1	
NIKKI-10-03	332.23	335.28	3.05			J981058	13	0.008	0.1	124	<1	3	1	
NIKKI-10-03	335.28	338.33	3.05			J981059	13	0.016	0.1	179	<1	6	1	
NIKKI-10-03						J981060	13	0.235	2	1975	156	29	1	CDN-CGS-23
NIKKI-10-03	338.33	341.07	2.74			J981061	13	0.047	0.1	233	<1	6	1	
NIKKI-10-03	341.07	343.81	2.74			J981062	13	0.05	0.3	210	<1	20	1	
NIKKI-10-03	343.81	346.86	3.05			J981063	13	0.031	0.3	155	<1	8	1	
NIKKI-10-03						J981064	13	0.025	0.3	162	<1	9	1	1/4 SAMPLE OF 063

GEOTECHNICAL LOG

HOLE: NIKKI-10-03

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
0.00	6.10	6.10	1.50	25	0	5	MS	SW/FR		
6.10	7.62	1.52	1.52	100	0.54	36	MS	SW/FR		
7.62	9.14	1.52	1.52	100	0.36	24	MS	FR		
9.14	10.67	1.53	1.53	100	1.17	76	MS	FR		
10.67	12.19	1.52	1.52	100	0.71	47	MS	FR		
12.19	13.71	1.52	1.53	101	0.84	55	MS	FR		
13.71	15.24	1.53	1.53	100	0.72	47	MS	FR		
15.24	16.76	1.52	1.52	100	0.98	64	MS	FR		
16.76	18.28	1.52	1.52	100	1.29	85	MS	FR		
18.28	19.81	1.53	1.52	99	1.17	76	S	FR		
19.81	21.34	1.53	1.54	101	1.54	101	MS	FR		
21.34	22.86	1.52	1.50	99	1.35	89	S	FR		
22.86	24.38	1.52	1.52	100	1.25	82	MS	FR		
24.38	25.91	1.53	1.52	99	1.24	81	MS	FR		
25.91	27.43	1.52	1.53	101	1.50	99	MS	FR		
27.43	28.96	1.53	1.53	100	1.16	76	MS	FR		
28.96	30.48	1.52	1.52	100	1.47	97	MS	FR		
30.48	32.00	1.52	1.54	101	1.52	100	S	FR		
32.00	33.53	1.53	1.55	101	1.18	77	S	FR		
33.53	35.05	1.52	1.54	101	1.45	95	S	FR		
35.05	36.58	1.53	1.35	88	1.35	88	S	FR		
36.58	38.10	1.52	1.53	101	1.53	101	S	FR		
38.10	39.62	1.52	1.48	97	1.23	81	S	FR		
39.62	41.15	1.53	1.55	101	1.55	101	MS	FR		
41.15	42.67	1.52	1.54	101	1.30	86	MS	FR		
42.67	44.20	1.53	41.53	2714	1.30	85	MS	FR		
44.20	45.72	1.52	1.54	101	1.54	101	MS	FR		
45.72	46.33	0.61	1.70	279	1.60	262	MS	FR		End of HQ core, Overlapping recovery
46.33	48.77	2.44	2.47	101	2.37	97	MS	FR		with BTW core
48.77	50.90	2.13	2.00	94	1.61	76	MS	FR		
50.90	51.21	0.31	0.20	65	0.00	0	MS	FR		
51.21	54.25	3.04	3.05	100	1.90	63	MS	FR		
54.25	57.30	3.05	3.05	100	3.00	98	MS	FR		
57.30	60.35	3.05	3.06	100	3.02	99	S	FR		
60.35	64.40	4.05	3.06	76	3.06	76	S	FR		
64.40	66.44	2.04	3.05	150	2.90	142	MS	FR		
66.44	69.49	3.05	3.06	100	3.06	100	MS	FR		
69.49	72.54	3.05	3.05	100	2.80	92	S	FR		
72.54	74.07	1.53	1.54	101	1.54	101	MS	FR		
74.07	75.89	1.82	1.83	101	1.21	66	MS	FR		
75.89	78.94	3.05	3.00	98	2.45	80	MS	FR		
78.94	81.99	3.05	3.01	99	2.23	73	MS	FR		
81.99	85.04	3.05	3.08	101	2.32	76	MS	FR		
85.04	88.09	3.05	3.02	99	2.65	87	S	FR		
88.09	89.91	1.82	1.80	99	1.80	99	S	FR		
89.91	91.44	1.53	1.45	95	1.25	82	MS	FR		
91.44	94.49	3.05	2.95	97	2.95	97	ES	FR		
94.49	97.54	3.05	2.90	95	2.76	90	MS	FR		
97.54	100.58	3.04	3.07	101	1.94	64	MS	FR		
100.58	103.63	3.05	2.94	96	2.58	85	VS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
103.63	106.68	3.05	2.93	96	2.55	84	VS	FR		
106.68	109.73	3.05	2.82	92	2.00	66	VS	FR		
109.73	112.78	3.05	3.05	100	1.80	59	S	FR		
112.78	115.82	3.04	3.05	100	1.06	35	S	FR		
115.82	118.87	3.05	3.04	100	0.98	32	VS	FR		
118.87	121.92	3.05	2.98	98	1.93	63	MS	FR		
121.92	124.97	3.05	3.04	100	1.48	49	MS	FR		
124.97	128.02	3.05	3.05	100	1.10	36	MS	FR		
128.02	131.06	3.04	3.05	100	0.42	14	MS	FR		
131.06	133.20	2.14	2.14	100	0.29	14	MS	FR		
133.20	134.42	1.22	1.22	100	0.20	16	MS	FR		
134.42	135.03	0.61	0.60	98	0.10	16	MS	FR		
135.03	136.86	1.83	1.83	100	0.82	45	MS	FR		
136.86	138.99	2.13	2.02	95	0.87	41	MS	FR		
138.99	141.12	2.13	2.10	99	1.58	74	MS	FR		
141.12	144.17	3.05	3.05	100	1.68	55	MS	FR		
144.17	147.22	3.05	3.03	99	2.10	69	MS	FR		
147.22	149.35	2.13	2.04	96	1.91	90	MS	FR		
149.35	152.40	3.05	2.90	95	2.83	93	S	FR		
152.40	155.45	3.05	3.04	100	2.72	89	S	FR		
155.45	158.50	3.05	3.03	99	2.86	94	S	FR		
158.50	161.54	3.04	3.05	100	2.92	96	MS	FR		
161.54	164.59	3.05	3.05	100	3.05	100	MS	FR		
164.59	167.64	3.05	3.04	100	2.49	82	MS	FR		
167.64	170.69	3.05	2.91	95	2.25	74	MS	FR		
170.69	173.74	3.05	2.99	98	1.20	39	MS	FR		
173.74	176.78	3.04	3.07	101	3.07	101	MS	FR		
176.78	179.83	3.05	3.05	100	2.68	88	MS	FR		
179.83	182.88	3.05	3.05	100	1.62	53	MS	FR		
182.88	183.79	0.91	0.97	107	0.00	0	W	FR		
183.79	185.93	2.14	2.10	98	0.67	31	MS	FR		
185.93	188.98	3.05	3.05	100	1.53	50	MS	FR		
188.98	192.02	3.04	2.90	95	1.85	61	MS	FR		
192.02	195.07	3.05	3.05	100	2.22	73	MS	FR		
195.07	198.12	3.05	2.93	96	2.06	68	MS	FR		
198.12	201.17	3.05	3.05	100	0.93	30	MS	FR		
201.17	204.22	3.05	3.05	100	0.00	0	MS	FR		
204.22	207.26	3.04	3.04	100	0.30	10	MS	FR		
207.26	210.31	3.05	3.05	100	0.98	32	MS	FR		
210.31	213.36	3.05	3.05	100	0.69	23	MS	FR		
213.36	216.41	3.05	3.05	100	0.78	26	MS	FR		
216.41	219.46	3.05	3.05	100	1.59	52	MS	FR		
219.46	221.59	2.13	2.49	117	1.40	66	MS	FR		
221.59	223.42	1.83	1.42	78	0.12	7	MS	FR		
223.42	225.55	2.13	2.43	114	0.00	0	MS	FR		
225.55	228.60	3.05	3.05	100	1.14	37	MS	FR		
228.60	231.65	3.05	3.05	100	1.68	55	MS	FR		
231.65	232.87	1.22	1.22	100	0.78	64	MS	FR		
232.87	234.70	1.83	2.15	117	0.00	0	W	FR		
234.70	236.83	2.13	2.00	94	1.05	49	MS	FR		
236.83	239.88	3.05	3.05	100	0.76	25	MS	FR		
239.88	240.79	0.91	0.93	102	0.55	60	MS	FR		

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
240.79	242.62	1.83	2.02	110	0.00	0	MS	FR		
242.62	245.67	3.05	3.05	100	1.45	48	MS	FR		
245.67	248.41	2.74	2.75	100	0.49	18	MS	FR		
248.41	249.94	1.53	1.37	90	0.71	46	MS	FR		
249.94	252.98	3.04	3.05	100	0.94	31	MS	FR		
252.98	256.03	3.05	3.04	100	0.38	12	W	FR		
256.03	259.08	3.05	3.05	100	0.11	4	MS	FR		
259.08	262.13	3.05	3.04	100	0.82	27	MS	FR		
262.13	265.18	3.05	3.05	100	1.52	50	MS	FR		
265.18	268.22	3.04	3.00	99	1.31	43	MS	FR		
268.22	269.75	1.53	1.36	89	1.05	69	MS	FR		
269.75	272.80	3.05	3.05	100	1.02	33	MS	FR		
272.80	275.84	3.04	3.03	100	0.81	27	W	FR		
275.84	278.89	3.05	3.05	100	1.37	45	MS	FR		
278.89	281.94	3.05	3.05	100	1.03	34	MS	FR		
281.94	283.46	1.52	1.52	100	0.00	0	W	FR		
283.46	286.51	3.05	3.00	98	1.10	36	MS	FR		
286.51	289.56	3.05	3.00	98	0.00	0	MS	FR		
289.56	292.61	3.05	3.02	99	1.49	49	MS	FR		
292.61	295.66	3.05	3.05	100	2.21	72	MS	FR		
295.66	298.70	3.04	3.03	100	2.61	86	MS	FR		
298.70	301.75	3.05	3.05	100	1.54	50	MS	FR		
301.75	304.80	3.05	3.05	100	0.60	20	W	FR		
304.80	306.48	1.68	1.56	93	0.54	32	MS	FR		
306.48	307.85	1.37	1.35	99	0.56	41	MS	FR		
307.85	310.90	3.05	3.05	100	1.39	46	MS	FR		
310.90	313.94	3.04	3.04	100	2.48	82	MS	FR		
313.94	316.99	3.05	2.90	95	2.61	86	MS	FR		
316.99	320.04	3.05	3.05	100	2.61	86	W	FR		
320.04	323.23	3.19	2.97	93	2.02	63	W	FR		
323.23	326.14	2.91	3.06	105	2.28	78	W	FR		
326.14	329.18	3.04	3.05	100	2.35	77	MS	FR		
329.18	332.23	3.05	3.05	100	2.01	66	MS	FR		
332.23	335.28	3.05	3.05	100	2.53	83	MS	FR		
335.28	338.33	3.05	3.02	99	2.24	73	MS	FR		
338.33	341.07	2.74	2.83	103	1.08	39	W	FR		
341.07	343.81	2.74	2.87	105	1.19	43	MS	FR		
343.81	346.86	3.05	3.05	100	1.98	65	MS	FR		End of Hole

MAGNETIC SUSCEPTIBILITY LOG

HOLE: NIKKI-10-03

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00			N/A	
2.00			N/A	
3.00			N/A	
4.00			N/A	
5.00			0.55	
6.00			3.39	
7.00			0.52	
8.00			40.60	
9.00			25.40	
10.00			7.92	
11.00			9.15	
12.00			6.18	
13.00			6.50	
14.00			0.31	
15.00			0.16	
16.00			0.16	
17.00			0.28	
18.00			0.95	
19.00			0.33	
20.00			2.94	
21.00			6.82	
22.00			32.20	
23.00			31.90	
24.00			58.40	
25.00			78.90	
26.00			36.00	
27.00			70.10	
28.00			88.00	
29.00			64.60	
30.00			2.26	
31.00			69.10	
32.00			82.40	
33.00			34.30	
34.00			79.80	
35.00			44.90	
36.00			98.80	
37.00			72.70	
38.00			85.20	
39.00			89.60	
40.00			84.40	
41.00			56.30	
42.00			92.40	
43.00			116.00	
44.00			58.80	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			88.90	
46.00			72.60	
47.00			54.20	
48.00			13.00	
49.00			74.90	
50.00			51.10	
51.00			31.90	
52.00			59.60	
53.00			4.61	
54.00			34.40	
55.00			0.51	
56.00			0.26	
57.00			0.10	
58.00			0.10	
59.00			0.20	
60.00			0.20	
61.00			0.06	
62.00			0.18	
63.00			0.06	
64.00			0.10	
65.00			0.10	
66.00			0.06	
67.00			0.26	
68.00			0.18	
69.00			0.75	
70.00			0.06	
71.00			0.14	
72.00			0.18	
73.00			0.14	
74.00			10.30	
75.00			0.10	
76.00			0.08	
77.00			0.18	
78.00			0.22	
79.00			0.30	
80.00			0.18	
81.00			0.14	
82.00			0.10	
83.00			0.22	
84.00			0.88	
85.00			0.06	
86.00			0.12	
87.00			0.16	
88.00			0.08	
89.00			0.12	
90.00			0.14	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
91.00			0.06	
92.00			0.08	
93.00			0.12	
94.00			0.12	
95.00			0.14	
96.00			0.10	
97.00			0.16	
98.00			0.16	
99.00			0.24	
100.00			0.49	
101.00			137.00	
102.00			0.30	
103.00			0.10	
104.00			1.47	
105.00			0.22	
106.00			0.88	
107.00			6.37	
108.00			0.24	
109.00			0.10	
110.00			0.14	
111.00			0.53	
112.00			93.00	
113.00			97.00	
114.00			109.00	
115.00			48.00	
116.00			88.50	
117.00			16.00	
118.00			39.40	
119.00			0.53	
120.00			0.61	
121.00			0.47	
122.00			1.04	
123.00			0.36	
124.00			28.60	
125.00			17.40	
126.00			0.98	
127.00			37.90	
128.00			24.20	
129.00			49.90	
130.00			13.20	
131.00			3.66	
132.00			1.70	
133.00			72.20	
134.00			17.60	
135.00			2.39	
136.00			16.70	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
137.00			83.70	
138.00			56.40	
139.00			86.50	
140.00			87.00	
141.00			88.60	
142.00			104.00	
143.00			113.00	
144.00			44.80	
145.00			77.80	
146.00			69.50	
147.00			76.40	
148.00			80.80	
149.00			76.10	
150.00			31.60	
151.00			66.80	
152.00			25.70	
153.00			37.70	
154.00			71.90	
155.00			80.80	
156.00			98.20	
157.00			96.90	
158.00			47.30	
159.00			64.80	
160.00			64.50	
161.00			72.90	
162.00			52.40	
163.00			76.50	
164.00			69.90	
165.00			113.00	
166.00			72.50	
167.00			78.30	
168.00			42.00	
169.00			111.00	
170.00			9.63	
171.00			30.70	
172.00			49.60	
173.00			91.80	
174.00			72.70	
175.00			53.90	
176.00			100.00	
177.00			97.10	
178.00			90.30	
179.00			101.00	
180.00			53.30	
181.00			75.40	
182.00			93.30	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
183.00			64.60	
184.00			101.00	
185.00			83.30	
186.00			61.90	
187.00			81.00	
188.00			69.70	
189.00			86.90	
190.00			89.00	
191.00			51.90	
192.00			81.20	
193.00			93.60	
194.00			101.00	
195.00			35.30	
196.00			95.90	
197.00			58.00	
198.00			69.00	
199.00			100.00	
200.00			84.40	
201.00			140.00	
202.00			70.60	
203.00			53.30	
204.00			7.19	
205.00			65.60	
206.00			86.50	
207.00			85.10	
208.00			87.60	
209.00			80.70	
210.00			81.30	
211.00			79.60	
212.00			75.10	
213.00			93.50	
214.00			65.70	
215.00			86.80	
216.00			73.60	
217.00			76.50	
218.00			43.90	
219.00			97.30	
220.00			86.60	
221.00			59.40	
222.00			52.50	
223.00			20.70	
224.00			N/A	
225.00			N/A	
226.00			63.20	
227.00			84.50	
228.00			90.10	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
229.00			97.20	
230.00			77.30	
231.00			78.80	
232.00			125.00	
233.00			94.60	
234.00			1.55	
235.00			1.06	
236.00			48.90	
237.00			84.40	
238.00			103.00	
239.00			90.70	
240.00			89.00	
241.00			39.90	
242.00			3.19	
243.00			8.09	
244.00			54.00	
245.00			71.30	
246.00			59.40	
247.00			81.60	
248.00			80.00	
249.00			84.10	
250.00			71.10	
251.00			52.80	
252.00			100.00	
253.00			51.10	
254.00			56.20	
255.00			31.80	
256.00			33.70	
257.00			43.90	
258.00			77.70	
259.00			66.00	
260.00			90.20	
261.00			16.10	
262.00			55.00	
263.00			81.80	
264.00			38.60	
265.00			101.00	
266.00			58.60	
267.00			3.23	
268.00			84.50	
269.00			57.40	
270.00			89.30	
271.00			64.60	
272.00			94.00	
273.00			0.14	
274.00			41.80	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
275.00			77.80	
276.00			97.70	
277.00			28.70	
278.00			0.22	
279.00			69.30	
280.00			51.10	
281.00			68.50	
282.00			62.40	
283.00			52.80	
284.00			76.70	
285.00			54.70	
286.00			81.20	
287.00			74.50	
288.00			47.80	
289.00			89.30	
290.00			85.20	
291.00			55.50	
292.00			66.30	
293.00			107.00	
294.00			90.70	
295.00			70.30	
296.00			108.00	
297.00			35.50	
298.00			112.00	
299.00			117.00	
300.00			91.20	
301.00			117.00	
302.00			125.00	
303.00			1.29	
304.00			0.49	
305.00			5.33	
306.00			82.60	
307.00			49.10	
308.00			89.80	
309.00			103.00	
310.00			97.90	
311.00			84.60	
312.00			94.20	
313.00			82.70	
314.00			81.00	
315.00			129.00	
316.00			120.00	
317.00			124.00	
318.00			22.10	
319.00			119.00	
320.00			125.00	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
321.00			127.00	
322.00			76.50	
323.00			128.00	
324.00			95.30	
325.00			121.00	
326.00			107.00	
327.00			124.00	
328.00			102.00	
329.00			134.00	
330.00			140.00	
331.00			123.00	
332.00			74.20	
333.00			2.27	
334.00			114.00	
335.00			7.23	
336.00			135.00	
337.00			61.70	
338.00			25.20	
339.00			103.00	
340.00			65.50	
341.00			56.90	
342.00			140.00	
343.00			0.43	
344.00			39.00	
345.00			0.57	
346.00			0.63	
EOH				

BOX LOG

HOLE: NIKKI-10-03

BOX	FROM (m)	TO (m)
1	4.55	8.45
2	8.45	12.19
3	12.19	16.22
4	16.22	20.17
5	20.17	24.31
6	24.31	28.33
7	28.33	32.34
8	32.34	36.32
9	36.32	40.58
10	40.58	44.23
11	44.23	47.74
12	47.74	53.27
13	53.27	58.99
14	58.99	64.74
15	64.74	70.51
16	70.51	75.94
17	75.94	81.59
18	81.59	87.13
19	87.13	92.67
20	92.67	98.55
21	98.55	104.03
22	104.03	110.19
23	110.19	115.38
24	115.38	120.78
25	120.78	126.41
26	126.41	131.58
27	131.58	136.43
28	136.43	141.68
29	141.68	147.01
30	147.01	152.75
31	152.75	158.50
32	158.50	164.17
33	164.17	169.79
34	169.79	175.20
35	175.20	180.74

BOX	FROM (m)	TO (m)
36	180.74	185.57
37	185.57	190.80
38	190.80	196.55
39	196.55	201.87
40	201.87	207.26
41	207.26	211.99
42	211.99	217.00
43	217.00	222.16
44	222.16	227.75
45	227.75	233.08
46	233.08	238.59
47	238.59	243.67
48	243.67	248.83
49	248.83	254.31
50	254.31	259.99
51	259.99	265.47
52	265.47	271.28
53	271.28	276.68
54	276.68	281.94
55	281.94	287.32
56	287.32	293.44
57	293.44	299.12
58	299.12	304.32
59	304.32	309.61
60	309.61	315.26
61	315.26	320.92
62	320.92	326.58
63	326.58	332.23
64	332.23	338.05
65	338.05	343.43
66	343.43	346.86
EOH		

DRILL HOLE LOG
NIKKI PROPERTY

Hole: NIKKI 10-04 Zone:
Northing: 6879562 mN Easting: 500617mE Elevation:
Drilling Dates: JULY 15-25/10 Logged by: M.P PHILLIPS
Length: 306.32m Core Size: NTW, BTW Casing: 7.92 (m) in/out

Depth: 0.00
Dip: -45°
Azim: 035°

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization: KF QZ MS CY CL CA EP GY CP PY MG FR	From (m)	To (m)	Interval (m)	Sample Number
			0.00	3.48	3.48	CASN X					
						no recovery					
			3.48	6.55	3.07	PPFG X	o o o <W o BW o o o o DM S	3.48	6.55	3.07	J981065
			5.67	5.98	0.31	PGBR 10	# M PM X				
						PG - dk green gray, rare v fine fx phn in a micro xln matrix rarely appears as					
						BR - v st tn to br clasts in matrix (vein); fr-sup clay coating					
			6.55	10.06	3.51	PPFG X	o o o <W o <W o o o o Q M S	6.55	10.06	3.51	066
			6.70	7.00	0.30	PGBR 9	# S # S o o o o o X				
						BR - v st tn, bc to br					
			10.06	12.50	2.44	DRGD X	o o o # S o # S 2 o * W * E o X	10.06	12.50	2.44	067
						DG - TYPE SEEN IN HOLE 2; grayish yellow clasts 1cm - 20cm - 20%					
						in a crushed clay to sand size matrix (dr); clasts - py ± cp;					
						matrix - slight SU taste					
			12.50	13.72	1.22	DRGD X	o o o # S o # S o o ? * W o X	12.50	13.72	1.22	068
			12.50	13.72	1.22	DGBR 30					
						DG - as above - clasts 1-15cm, ier to lat, ~40%; clasts ier to lat					
						matrix - slight SU taste; br - 30°(?) py ± cp (?) - wk dis > fr					
			13.72	16.15	2.43	PPFG X	o o o <W o BW o o o o Q W A	13.72	16.15	2.43	069
						PP - dk green gray, mxl, btm 20cm wk br to strong br at btm.					
			16.15	19.20	3.05	PPFG X	o o ? # W o <W o o o o Q T	16.15	19.20	3.05	070
			19.13	19.20	0.07	PGBR 2					
						PG - stg fr - narrow bc bands, weak ? ± fx phn, locally to 5%					
						wk ? leach vt - py (mg?) + wk ca; wk mg - is this PPFX unit? -					
						tn - unit ~ strong ? fx phn; btm 7cm br matrix ± clasts					

DRILL HOLE LOG

Hole: NIKKI 10-04 Zone: Page: 2/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																		From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)		KF		QZ		MS		CY		CL		CA		EP		GY		CP		PY		MG		FR		(m)	(m)	(m)	Number
			19.20	19.30	0.10	PGBR	X		o		o		o	#	W		o	P	W		o		o		o		o		o		X	19.20	20.87	1.67	071
			19.30	19.40	0.10	DGBR	X		o		o		o	#	W		o	P	W		o		o		o		o		o		X				
			PP = PPFG shrs/qtz vr, Lot 45°; DGBR - clasts > matrix; no SU																																
			19.40	20.15	0.75	DGBR	X		o		o		o	#	X		o	P	T		o		o		o		o		o		X				
			DG - gray yellow color, all silt to coarse grained matrix - no clasts, SU - slight; Lot 45°																																
			20.15	20.50	0.35	DRGD	X		o		o		?	P	W	P	T		o		o		o	/	D	W		o		A				
			20.50	20.87	0.37	DGBR	X		o		o		?	P	S		o		o		o														
			DR - blc, br veining dcr to bttm; SU fair wk contin at top																																
			DGBR - gray yellow stained matrix - wk clasts, no clasts, Lot 45°, br-35° SU - wk to sts;																																
			20.87	23.77	2.90	DGBR	X		o		o		?	#	M	P	T	>	W		o		o	/	S	W		o		A	20.87	23.77	2.90	072
			DG - bands br to 85cm ~50% total br in areas from matrix > clasts to clasts > matrix; py - very fine dissem vt, SU?																																
			23.77	26.82	3.05	DGEC	X		o	*	2	<	T	#	S	P	W	#	M		o		o	/	S	W		o		S	23.77	26.82	3.05	073
			5cm vr to 100cm ~30% bands 5cm - 30cm strong matrix - wk clasts; 9cm clast PPFG; clasts - fine br vt; py - massive cy-el (exh p); 26.10 - 5cm band < 2cm grey smoky quartz clasts - br vn qz																																
			26.82	28.35	1.53	DGBR	X		o		o	<	T	#	M	P	W	<	M		o		o	/	D	W		o		S	26.82	28.35	1.53	074
			dcr bands of strong matrix, - wk clasts																																
			28.35	31.39	3.04	DGBR	X		o		o	>	W	#	n		o	#	W		o		o	?	D	W		o		S	28.35	31.39	3.04	075
			28.60	31.39	2.79	DRGD	90		o	V	W		o		o		/	<	W	P	W		o		o	½	W		10	45	A	@ 31.39			076
			DR LP - ~50% strong matrix wk clast; dk gray qz-ms, vn 1cm																														Blank Sample			
			DR - dk green gray matrix, sub rnd, anhedral; 30.77 - 31.39 - br - 20cm band clay matrix in middle,																																

DRILL HOLE LOG

Hole: NIKKI 10-04 Zone: Page: 3/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																										From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)		K	F	Q	Z	M	S	C	Y	C	L	C	A	E	P	G	Y	C	P	P	Y	M	G	F	P		(m)	(m)	(m)	Number
			31.39	33.53	2.14	DRGD	X		0		0		0		0		/	<	W	P	T		0		0		0		0			S	31.39	33.53	2.14	077
			32.40	32.77	0.37	DG FR	17		0		0		0	#	S				P	S												X				
			below 32.00 ice cyls matrix br calc; DRBR - 1 : ± 10° - clasts "cyanotic" at top & ctct to cy matrix only 15cm bands at btm; near btm ice / blebs bc.																																		
			33.53	36.58	3.05	DRGD	X		0		0	<	W	#	M	W	W	<	W		0		0		0		0	<	W		0		S	33.53	36.58	3.05	078
			33.58	36.58	3.05	DG BR	10							#	S			#	M													X	at 36.58			079
			br - 6 - 25 cm, 6 bds cst > mat, bc + 45 > - 60 st k, br - mat 60°.																															CDN - CORS-21			
			DG - wk - mod blc; Vn - 33.70, ~1cm qz > 3cm en. mx + py,																																		
			dar blc below 36m																																		
			36.58	38.40	1.82	DRGD	X		0		0		0	P	W	P	M	<	W		0		0		0		0	<	W		0		E	36.58	39.62	3.04	080
			36.58	38.40	1.82	DG BR	35		0		0		0	#	S		0	#	S		0		0		0	D	W		0			X				
			br - 3 bands 30 - 50 cm wide > t ≡ mat; dr wk blc																																		
			38.40	39.62	1.22	DRGD	X		0	<	1	P	S	P	W		0	<	1		0		0		0	<	1		0			X				
			38.40	39.62	1.22	DG BR	30																														
			DG looks in part DF; clasts str/o py, wk qz v, Mx at dcr																																		
			to btm;																																		
			39.62	42.67	3.05	DRGD	X		0		0		0	<	W	P	M	<	W		0		0		0	<	W		0	bc	S		39.62	42.67	3.05	081
			39.62	42.67	3.05	DG BR	30							#	S			#	S							D	T				X				
			DG - wk blc, fine-med grd; DGBR - 6 bands 5-40cm wide most < 10cm																																		
			mat > cst > bc; DG: dark patches bc wk blc;																																		
			42.67	46.02	3.35	DRGD	X		0		0		0	<	T	P	M	<	T		0		0		0	<	T		0	bc	A		42.67	46.02	3.35	082
			44.27	46.02	1.75	DG BR	52					E	W	#	S	P	M	#	S		0		0		0	<	W		0		X				
			DG - wk blc, sty stockk fr-bc; DGBR - br vns 0-30°, 1-5cm wide cy mat																																		
			acc cst > mat; py vt - mx; SV - a few < 2.0cm bands;																																		
			46.02	49.07	3.05	DRGD	X		0		0		0	<	W	P	M	<	W		0		0		0	D	T		0		A		46.02	49.07	3.05	083
			47.70	49.07	1.37	DG FR	45		0		0		0	#	W	P	M	#	W		0		0		0	<	T		0		S					
			DR - dk ice/id, a few narrow cy bands below 3rd; DGBR - 5 bands br - fine																																		
			to cy matrix - blc between br																																		

DRILL HOLE LOG

Hole: NIKKI 10-04 Zone: Page: 7/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization: KF	QZ	MS	CY	CL	CA	EP	GY	CP	PY	MG	EP	From (m)	To (m)	Interval (m)	Sample Number
			49.07	52.12	3.05	DRGD	X	o	>	W	E	T	P	M	o	>	W	o	o	o	D	W	o	M	49.07	52.12	3.05	084
			49.35	52.12	2.77	DGBP	45	o		o		o	P	S	o	#	W	o	o	o	D	T	o	X				
			br - 2 bands 4" & 5" - 0.25 mat > matrix - 2% cuts 10° & 70°, br - 50.70 - 52.12 - upper 60cm mat >> cst below cst > 2%, 20°(?); color - pink gray, major fracture at 51.61; Vn - 49.2 15mm 30° - qz & ca, py wisp;																					
			52.12	55.17	3.05	DRGD	X	o		o	<	T	P	M	o	<	T	o	o	o	B	W	o	S	52.12	55.17	3.05	085
			52.61	53.10	1.29	DGBP	40						P	S	o	#	W	o	o	o	>	W	o	X				
			br - 3 bands 25 - 30cm cst > mat, cuts br ±30°, a few clast xphantic; light gray cst - 1 mm to 1 cm, 2% dg - f-med grained, greyish clasts, fr-cy common, small patch of hematite (PPX), no clasts - fr-cy.																					
			55.17	57.91	2.74	DGBP	X	o		o		o	#	S	o	P	J	o	o	o	D	T	o	X	55.17	56.69	1.52	086
			55.95	56.26	0.31	VEIN	111	o	V	70	V	10	P	W	o	o		o	o	o	D	W	o	S	at	56.69		087
			Vn - 1st 30° - top 15cm - 40% clasts dk gray qz in bc, btm 16cm ~ fr dk gray qz - 90%; br - above vein cst > mat (cy) clasts to 8cm; 56.26 - 57.30 brown clay minor cst < 2cm - n.a or fault; 57.30 to 57.91 - br cst > matrix																				Standard CDN CGC 22			
																									56.69	57.91	1.22	089
			dr - grayish orange, at bottom ground core, PPE's - cave from top of hole, 57.91 NTW to BTW; major fault - 20°?																									
			57.91	59.44	1.53	DGBR	X	o		o		o	#	S	o		o	o	o	o	D	T	o	X	57.91	59.44	1.53	088
			58.86	59.44	0.58	DGBR	30	o		o		o	/		o		o	o	o	o	B	W	o	X				
			DGBR - light brown mat >> cst at lot lower contact (~10°dg?); 58.86 - 59.44 - light gray total blc, br cst >> mat (qtz), blk qz veins rx - fine grained diorite; 5hr py + ms - black.																									
			59.44	62.48	3.04	DG BR	X		o	x	?	#	6	#	M	o		o	o	o	6	W	o	X	59.44	62.48	3.04	090
			60.55	62.48	1.93	DG BR	61		o	+	?	#	S	*	W	o		o	o	o	6	D	W	o	X				
			to 60.55 - light gray, br mat >> cst, intense br wk py vf a my (6mm) below 60.55 - mostly cst >> mat, med gray - dr recognized, cst to 30cm br cuts 15°(?)																									
			62.48	64.92	2.12	DG BR	X		o		o		/	#	M	o		o	o	o	D	W	o	S	62.48	64.92	2.12	091
			overall cst >> clast/matrix, esc narrow bands mat > cst																									

DRILL HOLE LOG

Hole: NIKKI 10-04 Zone: Page: 5/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																			From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)			KF		QZ		MS		CY		CL		CA		EP		GY		CP		PY		MG		FR	(m)	(m)	(m)	Number
			64.92	66.45	1.53	DG BR	X		o		o		?	#	S		o	# Z	M		o		o		o	E D	W		o		S	64.92	66.45	1.53	092
																															at 66.45			093
							alt wide bands cst>mit & mat>csts, csts 1cm–10cm, clasts DG-dk colored; br-+65°x20°fcs																							Blank sample			
			66.45	68.58	2.13	DG BR	X		o		o		?	#	M		o	# Z	M	D	T		o		o	E D	W		o		S	66.45	68.58	2.13	094
							alt bands strong clasts (to 10cm) and bands mat>clasts; DG-dark at btm fresh-wk cy 30cm band dr, some dr clasts look porphyritic																												
			68.58	71.32	2.74	DR GD	X	>	?		o		o	<	W	P	W	<	W		o		o		o	D Z	W		o		A	68.58	71.32	2.74	095
			68.58	69.50	0.92	DR BR	20							#	W																S				
							CG BR - dar narrow bands to lct, DG-dk gray, occ band bc with cy																												
			71.32	74.68	3.36	DR GD	X		o		o	<	W	P	W		o	P	M		o		o		o	<	W		o		M	71.32	74.68	3.36	096
			71.72	74.68	2.96	DG BR	20			>	W	<	W	#	S		o	#	S		o		o		D						X				
							DR - wet to bc cy at top, fine>med gd, occ lcs to ang clasts, dk gray green; br - mat>clasts, occ 3cm clasts; dk mat + cay = wk alt MV - 3cm, qz + ca, en MS, in br																												
			74.68	77.72	3.04	DR GD	X		o		o	<	T	P	W	P	T	<	W		o		o		o	D Z	W		o		A	74.68	77.72	3.04	097
			74.68	75.30	0.62	DG BR	20		o		o	E F	W	#	M		o	<	W		o		o		o	E D	W		o		X				
							DG BR - btm cnt 25°, br - : bands top cst>mat & btm 15cm mat>clasts near btm cnt 15cm blc-frag with 5cm mat>cst; dr - wk blc adjoin br & thin to dark color; dk fine>med gd & rx-zeno? tr (3) 70° fr - 2cm dk gray mat																												
			77.72	79.25	1.53	DR GD	X		o		o	#	W	#	W	P	W	<	W		o		o		o	D	T		o		M	77.72	79.25	1.53	098
							br - at top 10cm lgt [illegible] all matrix-get cy-msalt; wk cy enble tr dr - dk gray green																												
			79.25	82.30	3.05	DR GD	X		o		o	F	T	Q	W	P	T	E	W		o		o		o	E D	W		o		M	79.25	82.30	3.05	099
																																¼ sample split			100
							Rx - 35cm v f, rounded qtz 0-5 = PPF?; mid section 15cm br mat>clasts; occ br cy < 1cm on fr																												

DRILL HOLE LOG

Hole: NIKI 10-01 Zone: Page: 3 of 18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

| Visual Log | | | From | To | Interval | Unit | Alteration and Mineralization | | |

DRILL HOLE LOG

Hole: NIKET 10-04 Zone: Page: 7/12

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

| Visual Log | | | From | To | Interval | Unit | Alteration and Mineralization | | |

DRILL HOLE LOG

Hole: NIKKI 10-04 Zone: Page: 8 | 15

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization: KF	QZ	MS	CY	CL	CA	EP	GY	CP	PY	MG	FR	From (m)	To (m)	Interval (m)	Sample Number
			117.04	119.79	2.75	DRFG	X	0	0	<W	<W	PW	<W	0	0	0	DZ W	0	A	117.04	119.79	2.75	116
			117.04	117.85	0.81	DEBR	10	0	0	<W	# M	0	V 4	0	0	0	* W	0					
			br - overall wk, 1-2cm to 5cm bands, mat > cst occ 1-3cm & most to 5cm bc - br cst > mat; Vn - 3cm 20° ea, in br the fx thb phn in aph matrix bet. below 117.85 incr. XL fx - to mod; DR - DRFC & DIOR																			
			119.79	121.92	2.13	DRGD	X													119.79	121.92	2.13	117
			119.79	120.90	1.11	DRBR	80	0	>W	<W	# S	0	# S	0	0	0	<W	6	X				
			br - most on +10° & wk -60° all cst; mm blc, cst > mat; to 121.92 - 2 v wk narrow br; 121.70 unq2 - 15° py, 40°; dr - f-m edged, blc wk sh r																			
			121.92	124.97	3.05	DRGD	X	0	>W	<W	P M	0	P F	0	0	0	DW	0	M	121.92	124.97	3.05	118
			121.92	124.97	3.05	DGBR	15				# S	10	P S						A				
			br - 10cm bands, most 20° > 123.10, most > vf; blc - pale cream-fx-eyecon speck dark bb-cy; mv - q2+ms; ca - vf to mv < 5mm; chloride color - ord py; dr - med grd																			
			124.97	126.80	1.83	DRGD	X	0	<W	<W	# S	0	# M	0	0	0	DW	0	A	124.97	126.80		119
			124.97	126.80	1.83	DGBR	85																
			br - overall wk, matrix S < 2cm most +40° > -60° fr, most look bc-br vn - ca+q2 (wk) 3-15mm																			
			126.80	129.84	3.05	DRGD	X	D ?	<W	0	<F	PW	<I	0	0	0	DZ W	0	F	126.80	129.84	3.04	120
			127.00	129.10	2.10	DGBR	15				# M		# M						X	at	129.84		121
			br - 15cm x 30cm lam - veth lam shr ± cm. cst > matrix; top shr 25° bt ms hr 20° & 60° (v wk), occ blk around br; ca vt ± q2 (v wk); DG - mo-t med-cm, occ m bnd ± grd, dk loc;																		Standard CDN-CGS-23	
			129.84	132.89	3.05	DRF	X	0	0	0	<W	P	W	F	F	0	0	0	A	129.84	132.89	3.05	122
			132.50	132.67	0.17	DEBR	X				# S		# S										
			br - 60° cnts, mat > > clasts; DG - blc on lgr on fr, fine > med grd																			
			132.89	135.64	2.75	DRFG	X	0	0	0	<W	P	W	>F	0	0	0	DW	0	A	132.89	135.64	2.75	123
			DF - dk, pinkish fx 1-2mm in a fine-mod. matrix, occ blk cm on stronger fr, strong fr occ bc-br; lcm ca-vn + wk py																			

DRILL HOLE LOG

Hole: NIKKI 10-04 Zone: Page: 9/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization: KF QZ MS CY CL CA EP GY CP PY MG ER	From (m)	To (m)	Interval (m)	Sample Number
			135.64	138.68	3.04	DRGD X	o o o < W P W < W o o o D W Q W M	135.69	138.68	3.04	124
								of 138.68			125
						dr - dk anhedral fx, vf matrix grading to blc, light colored; zeolite-calcite veins to dk fx, but often fx matrix		blank sample			
			138.68	141.73	3.05	DRGD X	o BE 2 < T P M < W o o o D T Q M F	138.68	141.73	3.05	126
						DG - 1.2m band dk f grd, strong hb, most lite colored mod grd					
			141.73	144.78	3.05	DRGD X	o o o < W P M < W o o o D T Q W A	141.73	144.78	3.05	127
						dr - lite color mod euhedral fx (calcite veins) in a fine grd fx + f & matrix					
						m.j. - band dk v fine dr;					
			144.78	147.22	2.44	DRGD X	o o o < W P W < W o o o D T Q W A	144.78	147.22	2.44	128
			146.10	146.15	0.05	DGBR X	# M				
						DG - lite grey f-med grd, 0.60m band dk gray, v fg aph wk fx-mf; br-cst> mat, 65°; DG - pf - pale green, slight sericite, fr +60° & -25°					
			147.22	150.27	3.05	DRFG X	o o < ? < W P W < W o o o D T D W M	147.22	150.27	3.05	129
			148.20	149.39	1.19	DF BR 55	# S				
						to 148.20 - occ <8cm wk br; dr br - 3 bands 10 to 45cm, +10° & -50° fr cnts, mat> cst + cst > mat near cnts; fx-fx and (pf) to pale orange color DF ~ 70% dk. fine fx + mf to aphanitic;					
			150.27	152.70	2.43	DRGD X	o o o < T P M < E o o o D T D M F	150.27	152.70	2.43	130
			151.15	151.40	0.25	DG BR X	# W	1/4 split			131
						DG BR - fr + 10° & +50° cst> mat; DG - f-med grd;					
			152.70	154.23	1.53	DRGD X	o o o < W P M < W o o c D T Q W M	152.70	154.23	1.53	132
						[illegible] fr to blm to wk bc, to blm [illegible]					

DRILL HOLE LOG

Hole: NIKKI 10-04 Zone: Page: 10/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

| Visual Log | | | From | To | Interval | Unit | | Alteration and Mineralization | | |

DRILL HOLE LOG

Hole: NIKKI 10-04 Zone: Page: 11/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit		KF	QZ	MS	CY	CL	CA	EP	GY	CP	PY	MG	FD
			168.55	172.21	3.66	DRFG	X	0	<F	0	<W	/	>W	0	0	0	DT	0	W A
			168.70	171.85	3.15	DFBR	25				#	S	#	S					0 X
			DFBR - at top 60cm br mat(cy) >FG cst, main break flt starting at 155.30 50° ? and sect 5cm brec / fx ~20cm both mat>cst.																
			172.21	175.26	3.05	DRFG	X	0	VS	1	V	W	<W	0	<W	0	0	0	<S F	0 M
			172.25	175.26	2.01	DFBR	50				#	M	<#	M					0 S
			DR - FG - 50% narrow bands mxd grd; br - 90cm - 15cm - wk mat>cst most. cst>mat br-bc; 172.50 - qzvn - 7cm, 70° - wk qz blebs 30% ms +10% py. qzvf < 2mm 1 py																
			175.26	178.31	3.05	DRFG	X	0	<W	VS	1	<W	P	W	V	W	0	0	0	D W 0 F
			175.26	179.31	3.05	DFBR	85				#	M			#	M				0 0 X
			br - 60cm ± 20cm mat>cst wide bands & cst>mat narrow band, dr - variable ph. in mxl to sl. mod fx - v wk, occas bands dr; br - 3.20 ± 50cm bands - narrow bands mat<cst; 3cm MS + py(1) vein ~ 65° - patchy bleached - hi ca														
			178.31	181.36	3.05	DRFG	X	0	V	S	<W	<W	P	W	<W	0	0	0	D W	Q W F
			179.15	179.50	0.35	DFBR	X				#	M			#	M				
			DR BR - cst>mat, at top mat>cls - 5cm; dr - dk grey mxl grn wk fx to sl mod fine plm to mod fx with 1% sil fx 180.25 - Vn - 13cm 45° 90% qz, 10% ms wk dis py; qzvf < 2mm 0.3%																
			181.36	184.40	3.04	DRFG	X	D	<I	<T	P	W	P	M	<T		0	S	F D T D F <F W
			181.30 - band 15cm 15° mgvf ~ 0.5mm, tr cp - py vf; DF mxl - fx & bb patches ICR fg rd fx & thin sil mod grade fx; ICR py rd > fx, tr cp; gy - mostly vfs one 7cm mv; qzmv - 70° - 3cm - ~2cm qz + py + cp(tr)																
			184.90	187.95	3.05	DRFG	X	0	<F	<T	<W	P	M	<W		?	<W	D	W D W Q M F
			185.20	185.32	0.12	DFBR	X				#	M	#	M					0
			dr - mxl fx & patches fine to wk mod grd fx; br - mat>cst, 30° bc - 5cm; better opposite gi; ICR fr to btm;																
			187.45	190.50	3.05	DRFG	X	0	VS	Q	<W	<W	P	M	<W		0	<T	<W D W Q S M
			188.15	188.75	0.60	DFBR	X												
			mag - strong in dk mxl dr; br - cst>mat, narrow bands wk br - mod py bc; dr fg - mostly mxl, irreg narrow bands fine grd; qz st 3cm & 2 - 3.5cm qz wk alt fx(cy) - mod, 1% weak < 2mm seams py; 1 - thin cp vf, below 189.5 ICR fr - bc dcr py & dis - p																

From (m)	To (m)	Interval (m)	Sample Number
165.55	172.21	3.66	141
172.21	175.26	3.05	142
175.26	178.31	3.05	143
178.31	181.36	3.05	144
at 181.36			145
Standard SDN-C [illegible]			
181.36	184.40	3.04	146
184.90	187.95	3.05	147
187.45	190.50	3.05	148
at 190.50			149
Blank core, IC			

DRILL HOLE LOG

Hole: NICKI 10-04 Zone: Page: 12/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit		Alteration and Mineralization																				From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)			KF	QZ	MS	CY	CL	CA	EP	BY	CP	PY	MG										(m)	(m)	(m)	Number
			190.50	193.55	3.05	DRFG	X	0	<	1	E	F	<	T	P	M	<	T		0	<	T		0	<	T	Q	W		S	190.50	193.55	3.05	150
			191.64	192.00	0.36	DF BR	X																									
			br-vcut ±70° mat>clasts; occ bands < 3cm - shrs cst>mat; dr-mostly dk. mxl; MS-en + microqz; qzvt - 3-10mm av 5mm. tr py.																													
			193.55	196.60	3.05	DRFG	X		b	>	F	<	T	<	T	P	M	<	T		0		0	D	T	<	D	W	Q	W		S	193.55	196.60	3.05	151
			194.72	195.60	0.88	DF BR	175							<	M			<	M								D	T		0		X				
			195.05-195.60: 10cm mat vcts & cst mat >> clasts, vcut-major fault-gouge, middling. wk bc-strong tlc; mg-small Q, qzvn-15cm qz < MS tr py;																													
			196.60	199.95	3.35	DRGD	X		0	<	F	<	T	<	T	Q	W	B	W		0		0		0	<	D	W	D	W		F	196.60	199.95	3.35	152
			196.64	196.95	0.31	DG BR	X							<	M			<	M											0		X				
			mg-strongest in dk mxl, weaker in f-mgrd dr; 45% dk mxl; qzvt-< 5mm. br-45° mat/c, > cst (5cm, dk mx cst to cc -> > mat'x; DR-~10% alt hb light colored																													
			199.95	201.78	1.83	DRGD	X		0		0		0	<	T	P	W	<	W		?		0		0	D	T		0		A	199.95	201.78	1.83	153
			DG - 15% DR FG; v wk br-bc in narrow bands; dr-most trn fg s f-mgrd																													
			201.78	203.61	1.83	DRGD	X		0		0		0	<	W	P	M	<	T		?		0		0	D	T	Q	W		A	201.78	203.61	1.83	154
																															at 203.61			155
			DG trn & f-medgrd																												Standard	CDN-CGS 23		
			203.61	205.74	2.13	DRGD	X		0	<	T	<	T	<	W	P	M	<	W		0		0		0	D	T		0		M	203.61	205.74	2.13	156
			204.32	205.74	1.42	DG BR	15							#	W			±	W																	
			br - 3 band 5-15 cm, cst>mat +40° to 60 cnts																													
			205.74	208.79	3.05	DRGD	X		0		0	<	T	<	W	P	M	<	T		D	<	W		0	D	W	Q	M		W	205.74	208.79	3.05	157
			205.74	208.79	3.05	DG BR	165							#	M			±											0		X				
			DG - 25% dk mxl, vcst trn mxl to f-medgrd; br - 5-60 cm, 3 bands mat>cst vct / 5cm most cst>mat: mg-dk drfg nonmg; bcs +15°(s) -60°(M)																													

DRILL HOLE LOG

Hole: NIKKI 10-04 Zone: Page: 13/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit		Alteration and Mineralization															From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)			KF	QZ	MS	CY	CL	CA	EP	GY	CP	PY	MG	FR				(m)	(m)	(m)	Number
			208.79	211.23	2.44	DRGD	X	o	< W	< T	< W	P M	< T	o	o	o	D W	Q M	A				208.79	211.23	2.44	158
						DG - pf - slight sericite + pale green chlorite,																					
			211.23	214.27	3.05	DRGD	X	o	V F	< T	< W	P M	< T	o	o	o	D W	Q M	F				211.23	214.27	3.05	159
						mg - patchy ~1% ~ 1cm per cent; dr - 20% bands - 3, 20 - 40cm dk mx/																					
						92vn - 20°, 2cm - 92 + ms(w) fr cont flt; flt - near uct 5cm gouge w																					
			214.27	217.32	3.05	DRGD	X	o	< W	o	< W	M	< T	o	o	o	D T	o	F				214.27	217.32	3.05	160
			215.78	216.95	1.17	PPFX	X	o	< W	o	o	o	< W	o	o	o	D S	o	W							
						PF - 10-15% f-med gr fx, mal cut, 5° lbp, vcl 30° s lat 40°,																					
			217.32	219.84	2.52	DRGD	X	o	< W	o	< W	P M	< T	o	< W	o	D T	o	M				217.32	220.98	3.66	161
			217.32	218.15	0.83	PPFX	125											o	F							
						PPFX - dyke s 0.5 - 10cm; dr - to ltn cut ver fr																					
			219.24	220.98	1.14	FT2N	X	o	o	o	# M			# S	o	o	o	D T	o	X							
			219.84	220.98	1.14	DRGD	X																				
						black shr (py) 10°-20° - cut ~ cm ~ cm top cut 15 mix d mat >> cst s																					
						dr - blk, 2 ht																					
			220.98	224.03	3.05	FT2N	X	o	* F	o	# S			# S	o	o	o	D T	o	X				220.98	224.03	3.05	162
			220.98	222.65	1.67	PPFL	25																			Blank sample	163
						PPFL - 1 lets 5 - 15cm; cut 2 mat, mod ~ x dr, minor mxl dr;																					
						below 232.65 ver mat, 6 to 60cm, extreme amt ~ x - no cst s; wk 20																					
						coating																					
			224.03	227.08	3.05	FT2N	X	o	* B	o	# S	o	# W	o	o	o	* W	o	X				224.03	227.08	3.05	164
			224.74	227.08	2.34	PPFL	25	o	\ W	o	- W	P V	P M	o	o	o	o	D K	M							
						PL - mat >> cst, cst x ng + ~ x; PPFL - ~30% f - med ~ ~ 2 ph, ~ alt ~ ~																					
						~ ~ ~ x ~ ~ ~

DRILL HOLE LOG

Hole: NIKKT 10-D-1 Zone: Page: 14/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization: KF	QZ	MS	CY	CL	CA	EP	GY	CP	PY	MG	ER	From (m)	To (m)	Interval (m)	Sample Number
			~227.08	227.45	0.37	PPFL	X	o	o	o	<W	PW	PW	o	o	o	o	QM	M	227.05	230.12	3.05	165
			227.45	229.75	2.30	FLBR	X	o	*W	o	#M	o	#W	o	o	o	6DF	o	X				
						FLBR - see below cst >> mat, 228.85-229.40 - mat >> cst																	
						occ cst to 10cm; minor PP cst < 3cm; py - most oxd - block bl																	
			229.75	230.12	0.37	FELS	X	o	<F	o	PM	o	PW	o	o	o	DW						
						FELS - - pale orange, v fine grained, qz-feldspar (PPFQ?) or blue/grey drfg??																	
			230.12	233.17	3.05	FLBR	X	o	<W	o	#W	o	#W	o	?	o	DF	o	S	230.12	233.17	3.05	166
			230.89	231.40	0.51	PPFL	X	o	o	o	<W	o	PW	o	o	o	o	QW	A				
						FLBR - aph wk fine fx > qz, fl clasts up to 20cm, csts > mat, minor clasts PPFL, minor narrow bands mat >> cst																	
			233.17	236.22	3.05	FLBR	X	o	#W	o	#S	o	#W	o	o	o	o	o	X	233.17	236.22	3.05	167
						60% mat >> mat (crush) & 40% cst >> mat; near 6cm block bands 15cm & on shr - sheared py(s) or side?; shr - 20°																	
			236.22	239.27	3.05	FLBR	X	o	*W	o	#S	o	#M	o	o	o	DW	o	X	236.22	239.27	3.05	169
						alt bands - up to 0.9m cst >> mat (50%) & mat >> csts (50%)																	
			239.27	242.62	3.35	FLBC	X	?	o	o	<W	?	#W	o	o	D/D	F	o	A	239.27	242.62	3.35	168
						bc - wk br occ narrow mat > cst; ±3% fine bl (sec?), fine black specks and py (bc) 10% dissem bl - pink stained pf?																	
			242.62	245.36	2.74	FLBC	X	?	o	<T	<W	?	<T	o	o	?	SF	o	A	242.62 at 245.36	245.36	2.74	170 171
						bc - v occ; cst < 1 cm; clasts - dk grey hi dis fine py														¼ core split			

DRILL HOLE LOG

Hole: NIRKI 10-04 Zone: Page: 15/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)		KF	QZ	MS	CY	CL	CA	EP	SY	CP	PY	KG		ER				(m)	(m)	(m)	Number
			245.36	248.11	2.75	FLBC	X	°		o	<	T	<	W	P	W	<	W		o		o		o	≤	D	W	H	E		X	245.36	248.11	2.75	172
																																D	W					

bc - intense crackle fr - as prev; occ narrow hard bc; black specks - ls ? mag ?
kf ? pha fx ? v wk bl() + cl.

			248.11	251.46	3.35	FLBC	X	/		/	<	T								o		o	-	+	≤	D	W	+	E		X	248.11	251.46	3.35	173
																												D	W									

bc - as above near bet dr frs & fx - pf - kf + bi unidentified; fr ± 10° bl cal; shr fx or fr ? sericitization - trace.

			251.46	254.51	3.05	FLBC	X	/	D	/		o	<	W		/	≤	T		o		o		o	D	T	D	W		S	251.46	254.51	3.05	174
			252.50	254.51	2.01	FELS	X	o		o		o		o		o	≤	P	W		o		o		o	D	T	D	T		E									

bc - intense crackle fr occ narrow wk-br bands; small patches - fx - pf ± kf, bl?
FELS - aphanitic, yellow orange, trace fx in pha altd dk green, this looks like fx in FLBC; FL - lat 25 cm br cst < mat

			254.51	257.56	3.05	FLBC	X		o		o		o	<	W		o	<	W		o		o		o	D	T	D	E		E	254.51	257.56		175
			254.51	255.95	0.94	FELS	X		o		o		o	<	W		o	<	F		o		o		o		TD	D	?		F	at	257.56	Please	176
																																					Sample	

FELS - as above, lat 45°; FLBC - intense occ wk br, fx - ha"

			256.00	257.00	1.00	PPFL	X		o		o		o				e	M		o		o		o	D	W	D	F		F									

PPFL - similar to above, crowded fx - f - medgrd, < 10% mf - hb to clay, matrix similar to aphanitic FELS.

			257.56	260.60		FLBC	X	?		o		o	<	T	P	S		o		o		o		o	≤	D	W	D	F		S	257.56	260.60	3.04	177
			257.56	258.10		PPFL	X	o		o		o	<	T	P	S		o		o		o		o	D	T	D	F			A									

FLBR - intense bc occ narrow shr bc; tr mg near fx; intense crackle xL - pf, kf(?), tr cpy ± minor bl - both fx ass'd; transition fr int to xL fx - ? ; PPFL as above.

			260.60	263.65	3.05	FLBC	X	T	/		o		o			P	S		o		o		o	D	T	D	T	D	F		S	260.60	263.65	3.05	178

bc - intense crackle fr, occ narrow shr br; FL - in places xL - fx & mf (ser), kf - few patches interstitial, HE top half, Mg ± tr mi inf, cp tr assoc kf ± mg; trn zone ? - ± clots to xL intrusive

DRILL HOLE LOG

Hole: NICKI 10-04 Zone: Page: 16 / 18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log V	S	(m)	From (m)	To (m)	Interval (m)	Unit	Alteration and Mineralization	From (m)	To (m)	Interval (m)	Sample Number
			263.65	266.70	3.05	DRGD	X J W o s # W P S # S o o D T D T HK 1 A	263.65	266.70	3.05	179
			263.65	265.00	1.35	DGBR	20				
						br - bc - wk br - narrow bands; below 265.3 - mg zhc, ±kf ±bi ± trap; good kf alt; wk mf - Tb + bi (alt) alt to clay; 2 - 1-2cm dykes mx/FL - dark - hbl, py, cp present; base bc				
			266.70	269.75	3.05	DRGD	X J 5 o o < W P S T ? D T D W HK 1 A	266.70	269.75	3.05	180
			266.70	266.85	0.15	FELS	X 2	at 269.75			181
						DG - light color, anhedral fx (p^2), fine-med grd, hbs bi (scarce); alt kf - k^2 + mg ± bi, hbs tacl, mf - 5-10%; mg zhc mostly, tr cp; kf - up to 10% p - trace; at top 15 cm (?) FELS	Standard CDN-CGS-21			
			269.75	272.80	3.05	DRGD	X J 3 o o D T P M o ? o D T D W HK 1 S	269.75	272.80	3.05	182
						dar kf & mg, py in tout overall w - Tr; dyke? zeolith, FL, PP fx see bi (?) anhedral flakes? SU - mod contam				
			272.80	275.84	3.04	DRGD	X J 3 o o o P S < W o o D T P W HK 1 F	272.80	275.84	3.04	183
						dar kf & hi below 275m - wk " coating					
			275.84	278.59	2.75	DRGD	X J W o o P W P S < T o o o D W HK W F	275.84	278.59	2.75	184
			276.30	277.45	1.15	DGBR	X # W # M S				
						br - cst >> mat, br along 20°-40° fit; 277.45 - 278.59 - wk flts - minor br wk hc to 277.70 below to 6 tm wk mg - look like ICC zone k^2; small patch PP fx; wk SU coating				
			278.59	281.03	2.44	DRGD	X P W o o P M P S o o o o D W MG M S	278.59	281.03	2.44	185
			278.59	281.03	2.44	DGBR	X * 1 # M P S # M o o o < W o X	at 281.03			186
						br - to 279.81 - flts (w) ± in bc, main br 279.18 - 281.03 - 30° fit top 1 cm wk - cst >> mat, main flts - VN - 30 5 cm wide qz + 18% to + 10% patch, ± Ts shr py - ; mg - wk dis 10 cm bord above + dom br ; v wk SU coating	Standard CDN-CGS-23			
			281.03	284.07	3.04	DRGD	X P W P S o o o o D W MG M M	281.03	284.07	3.05	187
			281.03	283.60	2.57	DGBR	50 # M o # M o o X				
						bc - 281.03 - 283.77, 283.0 - 283.6 - cst > mat, ± to 60° fit - 30° wash < 5 cm mat, cst; k^2 + mg - 282.0 - 283.25, tot tm k^2 weak comp, no reset identifying kf and dissem py in br				

DRILL HOLE LOG

Hole: NUKKT 10-04 Zone: Page: 17/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																		From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)			KF	QZ	MS	CY	CL	^A	EP	GY	CP	PY	HS	FE						(m)	(m)	(m)	Number
			284.07	287.12	3.05	DRGD	X	J	3		0	<	W	P/T	P	M		0		0		0	D	W	D/W	W	HK	1		M	284.07	287.12	3.05	188
			286.10	287.12	1.12	DGBR	X		?		0		0	P/T	W		0	±	M		0		6		0		T			S				
						kf-strong-wk, marble, br-shr fit wk but common ±35° with cn. wk, br-bc, definite fine dis cp																									
			287.12	288.65	1.53	DRGD	X	J	10		0		0		0		0	P	M		0	D	T		0	D	T	D	T	HK	1		M	287.12	288.65	1.53	189
						potassic alt - kf + mg + bi(?) - euhedral books.																														
			288.65	291.08	2.43	DRGD	X	J	5		0		0		0	P	M	<	W		0		0	D	T	</D	T	MG	F		M	288.65	291.08	2.43	190
			291.08	294.13	3.05	DRGD	X	J	5	<	W		0		0	P	M	<	W		0		0	D	T	</D	W	MG	F		F	291.08	294.13	3.05	191
																																at 294.13 1/4 core split			192
			294.13	297.18	3.05	DRGD	X	J	2	<	T		0		0	P	M	<	T		0		0	<	T	<	W	MG	F		F	294.13	297.18	3.05	193
						kf - dar to btm - stong pink to v light pink; mg in kf; py in fract + as qzvt - coarse ip.																														
			297.18	300.23	3.05	DRGD	X	J	W		0		0		0	P	M		0		0	<	W	<	T	<	T	MG	F		M	297.18	300.23	3.05	194
						kf - white pink - only partial kf replacing pl?; mg = mod, note no bc-scc? present																														
			300.23	303.26	3.03	DRGD	X	J	2		0		0		0	P	M		0	D	T		A		>	<	W	MG	F		L	300.23	303.26	3.03	195
						kf - pale pinks dar to btm: 203.0 - 303.26 - fH, mat>> qtz vc																														

DRILL HOLE LOG

Hole: NIKKI 10-04 Zone: Page: 18/18

Northing: Easting: Elevation:

Drilling Dates: Logged by:

Length: Core Size: Casing: (m) in/out

	Depth:		
	Dip:		
	Azim:		

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																				From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)		RF		QZ		MS		CY		CL		CA		EP		GY		CP		PY		MG		FR		(m)	(m)	(m)	Number
			303.24	306.32		DRGD	X	J	W		0		0		0	P	M		0	D	W		0		0		0	D	W		A	303.24	306.32		196
																																at	306.32	Bleak.	197
						303.70 – 305.50 (?) – 10cm bc – large																														
				306.32	E.O.H																														

Complete Sample List

Property:	NIKKI													
Hole	From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Cu (ppm)	Mo (ppm)	As (ppm)	Bi (ppm)	Comments
NIKKI-10-04	0.00	3.48	3.48			N/S								
NIKKI-10-04	3.48	6.55	3.07			J981065	14	0.0025	0.1	86	<1	2	1	
NIKKI-10-04	6.55	10.06	3.51			J981066	14	0.0025	0.1	86	<1	2	1	
NIKKI-10-04	10.06	12.50	2.44			J981067	14	0.0025	0.4	162	1	4	1	
NIKKI-10-04	12.50	13.72	1.22			J981068	14	0.0025	0.2	156	<1	3	1	
NIKKI-10-04	13.72	16.15	2.43			J981069	14	0.006	0.3	222	<1	3	1	
NIKKI-10-04	16.15	19.20	3.05			J981070	14	0.008	0.4	182	<1	2	2	
NIKKI-10-04	19.20	20.87	1.67			J981071	14	0.21	3.4	511	<1	29	4	
NIKKI-10-04	20.87	23.77	2.90			J981072	14	0.011	0.4	305	<1	2	1	
NIKKI-10-04	23.77	26.82	3.05			J981073	14	0.022	0.6	174	1	6	1	
NIKKI-10-04	26.82	28.35	1.53			J981074	14	0.009	0.5	284	<1	2	1	
NIKKI-10-04	28.35	31.39	3.04			J981075	14	0.007	0.4	243	1	2	1	
NIKKI-10-04						J981076	14	0.0025	0.1	6	<1	1	1	BLANK BATCH B
NIKKI-10-04	31.39	33.53	2.14			J981077	14	0.005	0.3	233	2	2	1	
NIKKI-10-04	33.53	36.58	3.05			J981078	14	0.01	0.4	187	1	4	1	
NIKKI-10-04						J981079	14	0.914	5	13100	204	22	1	CDN-CGS-21
NIKKI-10-04	36.58	39.62	3.04			J981080	14	0.011	1.6	472	1	55	51	
NIKKI-10-04	39.62	42.67	3.05			J981081	14	0.0025	0.3	144	2	2	1	
NIKKI-10-04	42.67	46.02	3.35			J981082	14	0.023	0.9	356	12	6	1	
NIKKI-10-04	46.02	49.07	3.05			J981083	14	0.0025	0.2	154	2	1	1	
NIKKI-10-04	49.07	52.12	3.05			J981084	14	0.009	0.4	442	10	5	1	
NIKKI-10-04	52.12	55.17	3.05			J981085	14	0.005	0.3	305	1	2	1	
NIKKI-10-04	55.17	56.69	1.52			J981086	14	0.043	1	300	27	16	1	
NIKKI-10-04						J981087	14	0.205	2	1955	157	28	2	CDN-CGS-23
NIKKI-10-04	56.69	57.91	1.22			J981088	14	0.009	0.4	296	6	4	1	
NIKKI-10-04	57.91	59.44	1.53			J981089	14	0.012	0.6	770	5	1	1	
NIKKI-10-04	59.44	62.48	3.04			J981090	14	0.008	0.4	484	7	4	1	
NIKKI-10-04	62.48	64.92	2.44			J981091	14	0.013	0.5	825	25	1	1	
NIKKI-10-04	64.92	66.45	1.53			J981092	14	0.01	1	492	11	4	1	
NIKKI-10-04						J981093	14	0.0025	0.1	6	<1	1	1	Blank
NIKKI-10-04	66.45	68.58	2.13			J981094	14	0.008	0.4	439	7	1	1	
NIKKI-10-04	68.58	71.32	2.74			J981095	14	0.007	0.3	400	8	2	1	
NIKKI-10-04	71.32	74.68	3.36			J981096	14	0.0025	2.6	191	3	9	1	
NIKKI-10-04	74.68	77.72	3.04			J981097	14	0.016	0.9	300	14	3	1	
NIKKI-10-04	77.72	79.25	1.53			J981098	14	0.009	0.4	275	3	1	1	
NIKKI-10-04	79.25	82.30	3.05			J981099	14	0.014	0.5	470	2	1	1	
NIKKI-10-04						J981100	14	0.008	0.4	537	3	1	1	1/4 SAMPLE OF 1099
NIKKI-10-04	82.30	84.73	2.43			J981101	15	0.013	1.8	609	5	10	2	
NIKKI-10-04	84.73	87.78	3.05			J981102	15	0.035	4.9	969	9	19	1	
NIKKI-10-04	87.78	90.83	3.05			J981103	15	0.014	5.6	802	8	37	1	
NIKKI-10-04	90.83	92.05	1.22			J981104	15	0.024	1.9	309	10	2	2	
NIKKI-10-04	92.05	94.48	2.43			J981105	15	0.018	2	701	12	6	1	
NIKKI-10-04	94.48	96.01	1.53			J981106	15	0.0025	0.2	139	1	2	2	
NIKKI-10-04	96.01	99.06	3.05			J981107	15	0.035	1.4	1045	2	4	2	
NIKKI-10-04	99.06	102.11	3.05			J981108	15	0.009	0.4	438	3	2	1	
NIKKI-10-04	102.11	105.16	3.05			J981109	15	0.0025	0.2	303	1	1	1	
NIKKI-10-04						J981110	15	0.971	5	12800	201	22	10	CDN-CGS-21
NIKKI-10-04	105.16	108.20	3.04			J981111	15	0.015	0.9	376	22	4	1	
NIKKI-10-04	108.20	111.25	3.05			J981112	15	0.008	0.3	414	3	1	2	
NIKKI-10-04	111.25	113.69	2.44			J981113	15	0.0025	0.1	175	<1	4	1	
NIKKI-10-04	113.69	117.04	3.35			J981114	15	0.006	0.2	286	1	1	2	
NIKKI-10-04						J981115	15	0.0025	0.1	7	<1	1	2	Blank
NIKKI-10-04	117.04	119.79	2.75			J981116	15	0.006	0.3	482	6	1	1	
NIKKI-10-04	119.79	121.92	2.13			J981117	15	0.019	0.9	678	5	8	1	
NIKKI-10-04	121.92	124.97	3.05			J981118	15	0.011	0.6	581	3	4	1	
NIKKI-10-04	124.97	126.80	1.83			J981119	15	0.015	0.7	437	<1	3	2	
NIKKI-10-04	126.80	129.84	3.04			J981120	15	0.007	0.2	350	<1	3	1	
NIKKI-10-04						J981121	15	0.213	2	1990	153	28	3	CDN-CGS-23
NIKKI-10-04	129.84	132.89	3.05			J981122	15	0.012	0.6	690	1	1	1	
NIKKI-10-04	132.89	135.64	2.75			J981123	15	0.014	0.4	744	1	3	2	
NIKKI-10-04	135.64	138.68	3.04			J981124	15	0.005	0.3	389	<1	2	1	
NIKKI-10-04						J981125	15	0.0025	0.1	5	<1	1	1	Blank

Complete Sample List

Property:	NIKKI													
Hole	From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Cu (ppm)	Mo (ppm)	As (ppm)	Bi (ppm)	Comments
NIKKI-10-04	138.68	141.73	3.05			J981126	15	0.016	0.2	575	1	1	1	
NIKKI-10-04	141.73	144.78	3.05			J981127	15	0.0025	0.1	227	<1	1	1	
NIKKI-10-04	144.78	147.22	2.44			J981128	15	0.012	0.7	569	<1	3	1	
NIKKI-10-04	147.22	150.27	3.05			J981129	15	0.013	0.4	398	<1	2	1	
NIKKI-10-04	150.27	152.70	2.43			J981130	15	0.0025	0.2	356	<1	1	1	
NIKKI-10-04						J981131	15	0.0025	0.1	235	<1	1	1	1/4 split sample of 1130
NIKKI-10-04	152.70	154.23	1.53			J981132	15	0.005	0.1	288	<1	1	1	
NIKKI-10-04	154.23	155.30	1.07			J981133	15	0.007	0.3	254	<1	2	2	
NIKKI-10-04	155.30	156.30	1.00			J981134	15	0.024	1	268	1	8	1	
NIKKI-10-04	156.30	156.97	0.67			J981135	15	0.01	0.5	468	<1	2	2	
NIKKI-10-04	156.97	158.80	1.83			J981136	15	0.014	0.5	550	<1	1	1	
NIKKI-10-04	158.80	160.93	2.13			J981137	16	0.034	0.9	610	1	3	2	
NIKKI-10-04	160.93	163.07	2.14			J981138	16	0.005	0.3	343	1	<2	2	
NIKKI-10-04	163.07	165.20	2.13			J981139	16	0.011	0.4	569	1	<2	3	
NIKKI-10-04	165.20	168.55	3.35			J981140	16	0.007	<0.2	290	<1	<2	<2	
NIKKI-10-04	168.55	172.21	3.66			J981141	16	0.01	0.2	327	<1	2	<2	
NIKKI-10-04	172.21	175.26	3.05			J981142	16	0.021	0.8	883	<1	<2	<2	
NIKKI-10-04	175.26	178.31	3.05			J981143	16	0.035	0.4	1400	<1	<2	<2	
NIKKI-10-04	178.31	181.36	3.05			J981144	16	0.037	0.9	1220	1	3	<2	
NIKKI-10-04						J981145	16	0.91	5	>10000	193	19	<2	Standard: CDN-CGS-21
NIKKI-10-04	181.36	184.40	3.04			J981146	16	0.064	0.5	1735	1	<2	3	
NIKKI-10-04	184.40	187.45	3.05			J981147	16	0.07	0.5	1490	1	<2	3	
NIKKI-10-04	187.45	190.50	3.05			J981148	16	0.044	0.7	1030	2	<2	3	
NIKKI-10-04						J981149	16	<0.005	<0.2	8	<1	<2	<2	Blank
NIKKI-10-04	190.50	193.55	3.05			J981150	16	0.025	0.6	758	1	<2	<2	
NIKKI-10-04	193.55	196.60	3.05			J981151	16	0.024	0.5	1045	2	2	<2	
NIKKI-10-04	196.60	199.95	3.35			J981152	16	0.023	0.5	748	2	3	<2	
NIKKI-10-04	199.95	201.78	1.83			J981153	16	0.025	0.2	505	2	<2	<2	
NIKKI-10-04	201.78	203.61	1.83			J981154	16	0.021	0.3	480	5	5	<2	
NIKKI-10-04						J981155	16	0.257	2	1910	153	27	<2	Standard: CDN-CGS-23
NIKKI-10-04	203.61	205.74	2.13			J981156	16	0.02	0.2	577	5	<2	<2	
NIKKI-10-04	205.74	208.79	3.05			J981157	16	0.022	0.4	523	2	5	<2	
NIKKI-10-04	208.79	211.23	2.44			J981158	16	0.024	0.7	1125	<1	<2	<2	
NIKKI-10-04	211.23	214.27	3.04			J981159	16	0.021	0.5	612	1	4	<2	
NIKKI-10-04	214.27	217.32	3.05			J981160	16	0.043	0.5	1105	1	<2	<2	
NIKKI-10-04	217.32	220.98	3.66			J981161	16	0.043	0.6	921	1	6	<2	
NIKKI-10-04	220.98	224.03	3.05			J981162	16	0.019	0.5	462	<1	13	<2	
NIKKI-10-04						J981163	16	<0.005	<0.2	4	<1	<2	<2	Blank
NIKKI-10-04	224.03	227.08	3.05			J981164	16	0.021	0.3	478	1	4	<2	
NIKKI-10-04	227.08	230.12	3.04			J981165	16	0.131	1.5	1200	<1	11	2	
NIKKI-10-04	230.12	233.17	3.05			J981166	16	0.063	0.6	540	<1	12	<2	
NIKKI-10-04	233.17	236.22	3.05			J981167	16	0.034	1	771	3	5	<2	
NIKKI-10-04	236.22	239.27	3.05			J981168	16	0.005	<0.2	185	<1	2	<2	
NIKKI-10-04	239.27	242.62	3.35			J981169	16	0.005	0.3	135	<1	6	<2	
NIKKI-10-04	242.62	245.36	2.74			J981170	16	0.006	0.2	235	<1	3	<2	
NIKKI-10-04						J981171	16	0.007	0.2	239	<1	2	<2	Quarter split duplicate of *170
NIKKI-10-04	245.36	248.11	2.75			J981172	16	0.014	<0.2	399	<1	3	<2	
NIKKI-10-04	248.11	251.46	3.35			J981173	17	0.013	0.3	189	<1	4	<2	
NIKKI-10-04	251.46	254.51	3.05			J981174	17	<0.005	<0.2	69	1	2	<2	
NIKKI-10-04	254.51	257.56	3.05			J981175	17	<0.005	<0.2	107	<1	6	2	
NIKKI-10-04						J981176	17	<0.005	<0.2	3	<1	<2	<2	Blank
NIKKI-10-04	257.56	260.60	3.04			J981177	17	<0.005	<0.2	128	<1	2	<2	
NIKKI-10-04	260.60	263.65	3.05			J981178	17	0.008	<0.2	206	<1	4	<2	
NIKKI-10-04	263.65	266.70	3.05			J981179	17	<0.005	<0.2	136	1	2	<2	
NIKKI-10-04	266.70	269.75	3.05			J981180	17	0.005	<0.2	70	<1	3	<2	
NIKKI-10-04						J981181	17	0.987	5.2	>10000	225	23	3	Standard: CDN-CGS-21
NIKKI-10-04	269.75	272.80	3.05			J981182	17	0.021	<0.2	225	<1	<2	<2	
NIKKI-10-04	272.80	275.84	3.04			J981183	17	0.019	<0.2	184	<1	<2	<2	
NIKKI-10-04	275.84	278.59	2.75			J981184	17	0.013	<0.2	191	<1	3	<2	
NIKKI-10-04	278.59	281.03	2.44			J981185	17	0.008	<0.2	203	1	2	<2	
NIKKI-10-04						J981186	17	0.193	2.2	1990	161	28	<2	Standard: CDN-CGS-23
NIKKI-10-04	281.03	284.07	3.04			J981187	17	0.007	0.2	394	1	<2	2	

Complete Sample List

Property:	NIKKI													
Hole	From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Cu (ppm)	Mo (ppm)	As (ppm)	Bi (ppm)	Comments
NIKKI-10-04	284.07	287.12	3.05			J981188	17	0.018	0.2	317	<1	<2	<2	
NIKKI-10-04	287.12	288.65	1.53			J981189	17	<0.005	<0.2	31	<1	<2	<2	
NIKKI-10-04	288.65	291.08	2.43			J981190	17	<0.005	<0.2	94	<1	<2	<2	
NIKKI-10-04	291.08	294.13	3.05			J981191	17	<0.005	<0.2	68	<1	<2	2	
NIKKI-10-04						J981192	17	<0.005	<0.2	66	<1	<2	<2	Quarter split duplicate of *191
NIKKI-10-04	294.13	297.18	3.05			J981193	17	0.005	<0.2	172	<1	<2	2	
NIKKI-10-04	297.18	300.23	3.05			J981194	17	0.005	<0.2	130	<1	<2	<2	
NIKKI-10-04	300.23	303.26	3.03			J981195	17	0.016	<0.2	69	<1	2	<2	
NIKKI-10-04	303.26	306.32	3.06			J981196	17	0.006	<0.2	143	<1	<2	<2	
NIKKI-10-04						J981197	17	<0.005	<0.2	1	<1	<2	2	Blank; EOH at 306.32

GEOTECHNICAL LOG

HOLE: NIKKI-10-04

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
0.00	3.48	3.48	0.00	0	0	0				
3.48	4.27	0.79	0.75	95	0.00	0				
4.27	5.49	1.22	0.38	31	0.00	0				
5.49	6.55	1.06	0.58	55	0.00	0				
6.55	10.06	3.51	1.50	43	0.10	3				
10.06	10.67	0.61	0.36	59	0.24	39				
10.67	11.28	0.61	0.22	36	0.11	18				
11.28	12.50	1.22	1.15	94	0.73	60				
12.50	13.72	1.22	0.96	79	0.78	64				
13.72	14.63	0.91	0.41	45	0.00	0				
14.63	16.15	1.52	0.93	61	0.12	8				
16.15	17.68	1.53	1.48	97	0.00	0				
17.68	19.20	1.52	1.26	83	0.00	0				
19.20	20.57	1.37	1.51	110	0.64	47				
20.57	22.25	1.68	1.48	88	1.39	83				
22.25	23.77	1.52	1.44	95	0.96	63				
23.77	25.30	1.53	1.50	98	1.50	98				
25.30	26.82	1.52	1.52	100	0.71	47				
26.82	28.35	1.53	1.53	100	0.76	50				
28.35	29.87	1.52	1.39	91	0.14	9				
29.87	31.39	1.52	1.41	93	0.13	9				
31.39	32.00	0.61	0.59	97	0.00	0				
32.00	33.53	1.53	1.53	100	0.73	48				
33.53	35.05	1.52	1.50	99	1.21	80				
35.05	36.58	1.53	1.50	98	0.47	31				
36.58	38.10	1.52	1.52	100	0.99	65				
38.10	39.62	1.52	1.52	100	0.66	43				
39.62	41.15	1.53	1.53	100	0.59	39				
41.15	42.67	1.52	1.52	100	0.20	13				
42.67	44.20	1.53	1.53	100	0.36	24				
44.20	46.02	1.82	1.67	92	0.52	29				
46.02	47.55	1.53	1.53	100	0.31	20				
47.55	49.07	1.52	1.52	100	0.50	33				
49.07	50.60	1.53	1.54	101	1.29	84				
50.60	52.12	1.52	1.52	100	1.32	87				
52.12	53.64	1.52	1.52	100	1.39	91				
53.64	55.17	1.53	1.51	99	1.51	99				
55.17	56.69	1.52	1.52	100	1.43	94				
56.69	57.91	1.22	1.39	114	0.75	61				
57.91	59.44	1.53	1.55	101	1.09	71				
59.44	62.48	3.04	3.05	100	3.00	99				
62.48	64.92	2.44	2.10	86	0.75	31				
64.92	66.45	1.53	1.52	99	0.68	44				
66.45	68.58	2.13	1.82	85	0.76	36				
68.58	70.71	2.13	2.58	121	0.21	10				
70.71	71.32	0.61	0.60	98	0.00	0				
71.32	73.76	2.44	1.92	79	0.00	0				
73.76	74.68	0.92	0.71	77	0.27	29				
74.68	77.72	3.04	3.05	100	1.05	35				
77.72	78.03	0.31	0.35	113	0.20	65				

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
78.03	79.25	1.22	1.22	100	0.45	37				
79.25	82.30	3.05	3.05	100	1.93	63				
82.30	84.73	2.43	2.36	97	1.52	63				
84.73	87.78	3.05	3.05	100	2.28	75				
87.78	90.83	3.05	1.57	51	0.65	21				
90.83	92.05	1.22	1.22	100	0.58	48				
92.05	94.49	2.44	1.34	55	0.51	21				
94.49	96.01	1.52	0.18	12	0.00	0				
96.01	99.06	3.05	1.58	52	0.00	0				
99.06	102.11	3.05	1.98	65	0.00	0				
102.11	105.16	3.05	2.91	95	0.10	3				
105.16	108.20	3.04	2.63	87	0.28	9				
108.20	109.12	0.92	0.68	74	0.00	0				
109.12	111.25	2.13	1.38	65	0.21	10				
111.25	112.78	1.53	1.48	97	0.10	7				
112.78	113.69	0.91	0.89	98	0.00	0				
113.69	114.60	0.91	0.91	100	0.00	0				
114.60	117.04	2.44	2.31	95	1.27	52				
117.04	118.87	1.83	1.81	99	0.00	0				
118.87	119.79	0.92	0.71	77	0.35	38				
119.79	121.92	2.13	1.29	61	0.90	42				
121.92	123.44	1.52	1.25	82	0.24	16				
123.44	124.97	1.53	1.32	86	1.23	80				
124.97	126.80	1.83	1.67	91	1.56	85				
126.80	129.84	3.04	2.93	96	2.67	88				
129.84	131.06	1.22	1.04	85	0.32	26				
131.06	132.59	1.53	1.02	67	0.21	14				
132.59	132.89	0.30	0.22	73	0.00	0				
132.89	135.64	2.75	1.63	59	0.88	32				
135.64	138.68	3.04	2.99	98	1.22	40				
138.68	141.73	3.05	3.05	100	0.99	32				
141.73	144.78	3.05	3.05	100	0.11	4				
144.78	145.69	0.91	1.02	112	0.00	0				
145.69	147.22	1.53	1.52	99	0.61	40				
147.22	150.27	3.05	3.04	100	1.12	37				
150.27	152.70	2.43	2.28	94	1.56	64				
152.70	154.23	1.53	1.37	90	0.61	40				
154.23	156.97	2.74	2.78	101	1.16	42				
156.97	158.80	1.83	1.81	99	0.74	40				
158.80	160.93	2.13	2.14	100	0.84	39				
160.93	163.07	2.14	2.12	99	1.18	55				
163.07	165.20	2.13	2.15	101	1.70	80				
165.20	166.73	1.53	1.47	96	0.00	0				
166.73	168.55	1.82	2.05	113	1.20	66				
168.55	172.21	3.66	3.60	98	0.74	20				
172.21	175.26	3.05	3.05	100	1.48	49				
175.26	178.31	3.05	3.05	100	1.47	48				
178.31	181.36	3.05	3.05	100	3.05	100				
181.36	184.40	3.04	3.05	100	2.00	66				
184.40	187.45	3.05	2.90	95	1.55	51				
187.45	190.50	3.05	3.05	100	2.15	70				
190.50	193.55	3.05	3.01	99	0.76	25				

GEOTECHNICAL LOG

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering		Comments
193.55	196.60	3.05	3.02	99	0.74	24				
196.60	198.42	1.82	1.79	98	1.05	58				
198.42	199.95	1.53	1.52	99	0.47	31				
199.95	201.17	1.22	0.97	80	0.00	0				
201.17	201.78	0.61	0.39	64	0.00	0				
201.78	203.61	1.83	1.71	93	0.31	17				
203.61	205.74	2.13	2.14	100	1.54	72				
205.74	208.79	3.05	2.88	94	2.55	84				
208.79	211.23	2.44	2.68	110	0.28	11				
211.23	214.27	3.04	3.00	99	1.75	58				
214.27	217.32	3.05	3.03	99	1.90	62				
217.32	220.98	3.66	3.23	88	2.02	55				
220.98	224.03	3.05	3.05	100	2.43	80				
224.03	227.08	3.05	3.02	99	0.96	31				
227.08	230.12	3.04	3.05	100	0.97	32				
230.12	233.17	3.05	3.05	100	0.00	0				
233.17	236.22	3.05	3.00	98	1.44	47				
236.22	239.27	3.05	3.00	98	2.13	70				
239.27	240.49	1.22	1.27	104	0.00	0				
240.49	241.10	0.61	0.35	57	0.00	0				
241.10	242.62	1.52	1.52	100	1.12	74				
242.62	244.45	1.83	1.60	87	1.27	69				
244.45	245.36	0.91	0.90	99	0.33	36				
245.36	246.58	1.22	1.12	92	0.85	70				
246.58	248.11	1.53	1.63	107	0.24	16				
248.11	249.94	1.83	1.50	82	0.82	45				
249.94	251.46	1.52	1.42	93	0.66	43				
251.46	254.51	3.05	3.05	100	0.65	21				
254.51	257.56	3.05	3.05	100	0.48	16				
257.56	260.60	3.04	3.00	99	0.59	19				
260.60	263.65	3.05	3.05	100	0.40	13				
263.65	266.70	3.05	3.06	100	0.25	8				
266.70	269.75	3.05	3.05	100	0.00	0				
269.75	272.80	3.05	2.95	97	0.10	3				
272.80	275.89	3.09	2.90	94	0.88	28				
275.89	278.59	2.70	2.55	94	1.41	52				
278.59	279.81	1.22	0.85	70	0.25	20				
279.81	281.03	1.22	1.12	92	0.76	62				
281.03	282.24	1.21	1.24	102	0.51	42				
282.24	284.07	1.83	1.84	101	0.84	46				
284.07	284.99	0.92	0.94	102	0.00	0				
284.99	287.12	2.13	2.09	98	1.22	57				
287.12	288.65	1.53	1.75	114	0.35	23				
288.65	291.08	2.43	2.46	101	1.22	50				
291.08	294.13	3.05	3.05	100	1.19	39				
294.13	297.18	3.05	3.07	101	0.22	7				
297.18	300.23	3.05	2.68	88	0.00	0				
300.23	303.28	3.05	1.92	63	0.00	0				
303.28	306.32	3.04	1.71	56	0.00	0				
EOH										

MAGNETIC SUSCEPTIBILITY LOG

HOLE: NIKKI-10-04

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00				
2.00				
3.00				
4.00			9.84	
5.00				
6.00				
7.00				
8.00				
9.00				
10.00				
11.00				
12.00			0.31	
13.00			0.31	
14.00			12.40	
15.00			2.45	
16.00			0.00	
17.00			13.60	
18.00			27.80	
19.00			0.43	
20.00			0.31	
21.00			0.15	
22.00			0.52	
23.00			0.42	
24.00			0.30	
25.00			0.16	
26.00			0.23	
27.00			0.30	
28.00			0.25	
29.00			4.21	
30.00			6.33	
31.00			-0.25	
32.00			2.08	
33.00			1.46	
34.00			0.20	
35.00			0.28	
36.00			0.40	
37.00			-0.40	
38.00			0.18	
39.00			0.13	
40.00			0.20	
41.00			1.12	
42.00			0.26	
43.00			5.00	
44.00			0.97	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
45.00			0.18	
46.00			0.15	
47.00			0.36	
48.00			0.42	
49.00			0.13	
50.00			0.10	
51.00			0.16	
52.00			0.11	
53.00			0.20	
54.00			-0.05	
55.00			0.21	
56.00			0.23	
57.00			0.40	
58.00			0.16	
59.00			0.26	
60.00			0.22	
61.00			0.24	
62.00			0.18	
63.00			0.12	
64.00			0.41	
65.00			0.14	
66.00			0.16	
67.00			0.34	
68.00			0.47	
69.00			0.28	
70.00			18.50	
71.00			20.00	
72.00			0.08	
73.00			0.10	
74.00			0.18	
75.00			0.24	
76.00			0.32	
77.00			13.90	
78.00			4.12	
79.00			1.02	
80.00			3.03	
81.00			1.64	
82.00			1.16	
83.00			0.38	
84.00			0.84	
85.00			0.18	
86.00			0.20	
87.00			0.12	
88.00			0.22	
89.00				
90.00			0.16	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
91.00			0.12	
92.00			0.71	
93.00				
94.00			0.30	
95.00				
96.00				
97.00				
98.00				
99.00				
100.00			20.40	
101.00				
102.00			13.40	
103.00			14.70	
104.00			4.32	
105.00			2.54	
106.00			0.16	
107.00			0.30	
108.00			0.51	
109.00			5.30	
110.00			2.37	
111.00			13.50	
112.00			10.20	
113.00			30.60	
114.00			4.12	
115.00			29.80	
116.00			0.38	
117.00			2.48	
118.00			9.57	
119.00			3.56	
120.00			0.24	
121.00			0.26	
122.00			0.16	
123.00			0.22	
124.00			0.16	
125.00			0.00	
126.00			1.33	
127.00			1.96	
128.00			1.61	
129.00			2.07	
130.00			0.18	
131.00			2.50	
132.00			2.87	
133.00			3.85	
134.00			1.29	
135.00			3.03	
136.00			0.41	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
137.00			35.60	
138.00			32.70	
139.00			13.20	
140.00			41.40	
141.00			15.20	
142.00			15.00	
143.00			25.60	
144.00			13.70	
145.00			8.48	
146.00			0.18	
147.00			0.14	
148.00			14.00	
149.00			12.60	
150.00			25.40	
151.00			6.70	
152.00			34.90	
153.00			3.17	
154.00			2.23	
155.00			5.08	
156.00			0.69	
157.00			6.72	
158.00			7.17	
159.00			0.59	
160.00			18.70	
161.00			12.70	
162.00			9.47	
163.00			0.49	
164.00			0.38	
165.00			0.18	
166.00			7.89	
167.00			9.81	
168.00			0.57	
169.00			8.07	
170.00			7.70	
171.00			9.16	
172.00			8.15	
173.00			0.26	
174.00			0.43	
175.00			0.82	
176.00			0.16	
177.00			0.79	
178.00			16.20	
179.00			0.84	
180.00			10.40	
181.00			9.59	
182.00			198.00	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
183.00			4.63	
184.00			3.71	
185.00			4.30	
186.00			14.40	
187.00			2.09	
188.00			0.75	
189.00			30.20	
190.00			8.42	
191.00			0.00	
192.00			0.65	
193.00			0.06	
194.00			2.00	
195.00			4.97	
196.00			27.20	
197.00			17.70	
198.00			0.20	
199.00			4.53	
200.00			7.12	
201.00			2.85	
202.00			0.57	
203.00			11.10	
204.00			0.90	
205.00			3.51	
206.00			3.72	
207.00			3.59	
208.00			7.81	
209.00			1.67	
210.00			4.05	
211.00			0.24	
212.00			0.16	
213.00			11.40	
214.00			17.60	
215.00			1.77	
216.00			0.28	
217.00			0.72	
218.00			1.06	
219.00			2.37	
220.00			0.07	
221.00			0.10	
222.00			0.04	
223.00			0.13	
224.00			0.06	
225.00			4.44	
226.00			11.40	
227.00			6.07	
228.00			0.35	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
229.00			3.66	
230.00			0.30	
231.00			4.41	
232.00			0.15	
233.00			0.06	
234.00			0.71	
235.00			0.21	
236.00			0.11	
237.00			0.13	
238.00			0.09	
239.00			0.43	
240.00			0.11	
241.00			0.08	
242.00			0.13	
243.00			0.30	
244.00			0.35	
245.00			0.09	
246.00			0.14	
247.00			0.10	
248.00			0.11	
249.00			0.10	
250.00			0.11	
251.00			0.08	
252.00			0.03	
253.00			0.31	
254.00			0.33	
255.00			0.14	
256.00			0.14	
257.00			0.22	
258.00			0.11	
259.00			0.71	
260.00			0.69	
261.00			0.77	
262.00			4.46	
263.00			0.52	
264.00			2.78	
265.00			3.53	
266.00			0.11	
267.00			0.10	
268.00			10.20	
269.00			7.37	
270.00			1.45	
271.00			6.50	
272.00			7.47	
273.00			9.42	
274.00			2.16	

MAGNETIC SUSCEPTIBILITY LOG

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
275.00			1.85	
276.00			3.90	
277.00			0.11	
278.00			1.08	
279.00			1.11	
280.00			0.43	
281.00			0.76	
282.00			11.30	
283.00			1.75	
284.00			1.51	
285.00			7.81	
286.00			2.40	
287.00			2.03	
288.00			21.30	
289.00			12.50	
290.00			3.13	
291.00			9.12	
292.00			12.60	
293.00			18.40	
294.00			11.50	
295.00			10.50	
296.00			10.50	
297.00			12.20	
298.00			8.24	
299.00			10.30	
300.00			12.80	
301.00			7.02	
302.00			5.89	
303.00			1.17	
304.00			1.08	
305.00			10.30	
306.00			13.00	
EOH				

BOX LOG

HOLE: NIKKI-10-04

BOX	FROM (m)	TO (m)
1	3.48	10.83
2	10.83	16.37
3	16.37	20.25
4	20.25	24.20
5	24.20	28.35
6	28.35	32.14
7	32.14	36.14
8	36.14	39.97
9	39.97	43.84
10	43.84	47.85
11	47.85	51.78
12	51.78	55.92
13	55.92	59.60
14	59.60	65.72
15	65.72	71.19
16	71.19	77.24
17	77.24	82.48
18	82.48	88.22
19	88.22	99.06
20	99.06	105.71
21	105.71	112.78
22	112.78	118.40
23	118.40	124.04
24	124.04	130.18
25	130.18	137.51
26	137.51	143.05
27	143.05	148.15
28	148.15	153.88
29	153.88	159.51
30	159.51	165.14
31	165.14	170.49
32	170.49	175.74
33	175.74	181.30
34	181.30	186.69
35	186.69	192.20

BOX	FROM (m)	TO (m)
36		197.62
37		203.36
38		209.12
39		214.27
40		220.07
41		225.73
42		230.89
43		236.22
44		242.14
45		247.98
46		253.55
47		259.30
48		265.00
49		270.20
50		275.84
51		282.02
52		287.60
53		292.86
54		298.29
55		306.32
EOH		

APPENDIX V

DIAMOND DRILL HOLE CROSS SECTIONS

NIKKI 10-01 -45°

S35°W — N35°E

CASN

DIO

QZ DIO

GRD

DIO

K-ALTERED

EP ALTERED

100 m

DIO

EP

EP + CL

DIO

200 m

GAS

STRUCTURE LOG

0.35 V-W

288.44m E.O.H

LOGGERS

0.0 - 204.15m BY O. FU

204.15 - EOH BY M. PHILLIPS.

X-SECTION DRILLHOLE NIKKI 10-01

(LOOKING NW)

SCALE 1:1,000

LEGEND

ROCK TYPES

1 DRGD - DIORITE (GRANODIORITE?)

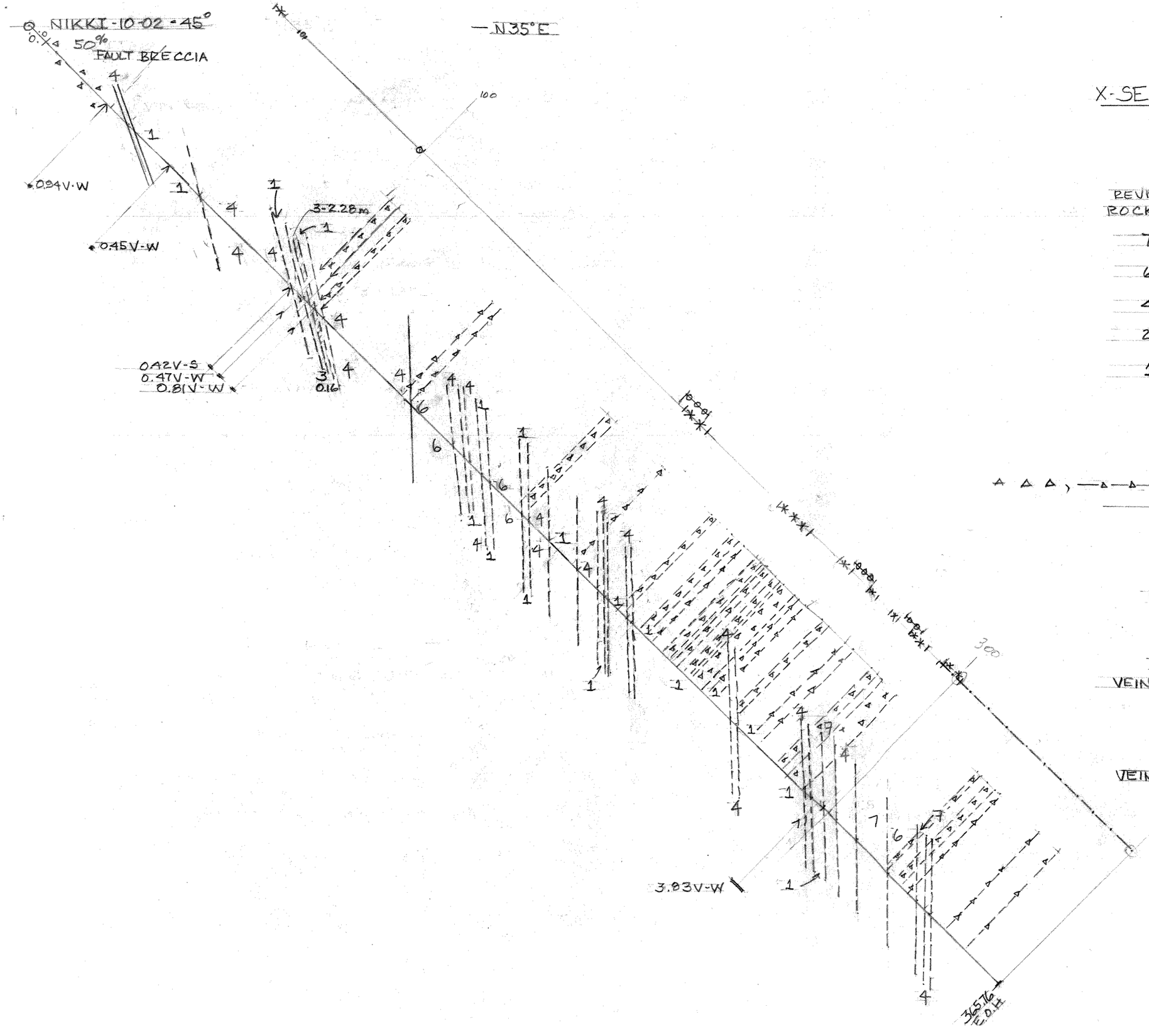
6 PPFX - FELDSPAR PORPHYRY

SYMBOLS

0.35 V-W - VEIN WIDTH(m) V-VEIN, INTENSITY W-WEAK, M - MODERATE, S-STRONG

W,M,S ~~~~~ FAULT-DEFINED, APPROXIMATE
INTENSITY-W-WEAK, M-MODERATE
S-STRONG

———, — — — CONTACT-DEFINED, APPROXIMATE



X-SECTION DRILLHOLE NIKKI 10-02

(LOOKING NW)

SCALE 1:1,000

LEGEND

REVISED ROCK TYPES		ROCK TYPES
7	5	FELDSPAR QUARTZ PORPHYRY
6	4	FELDSPAR PORPHYRY
4	3	FINE GRAINED PORPHYRY
2	2	DIORITE - FINE GRAINED
1	1	DIORITE

SYMBOLS

0.94 V-W - VEIN WIDTH (m), V-VEIN, W-WEAK, STRONG

△ △ △, —△—△—, ▭ - FAULT BRECCIA

———, — — — CONTACT - DEFINED APPROXIMATE

ALTERATION

POTASSIC

* ORTHOCLASE - TRACE TO WEAK

o EPIDOTE - WEAK

PHYLLIC

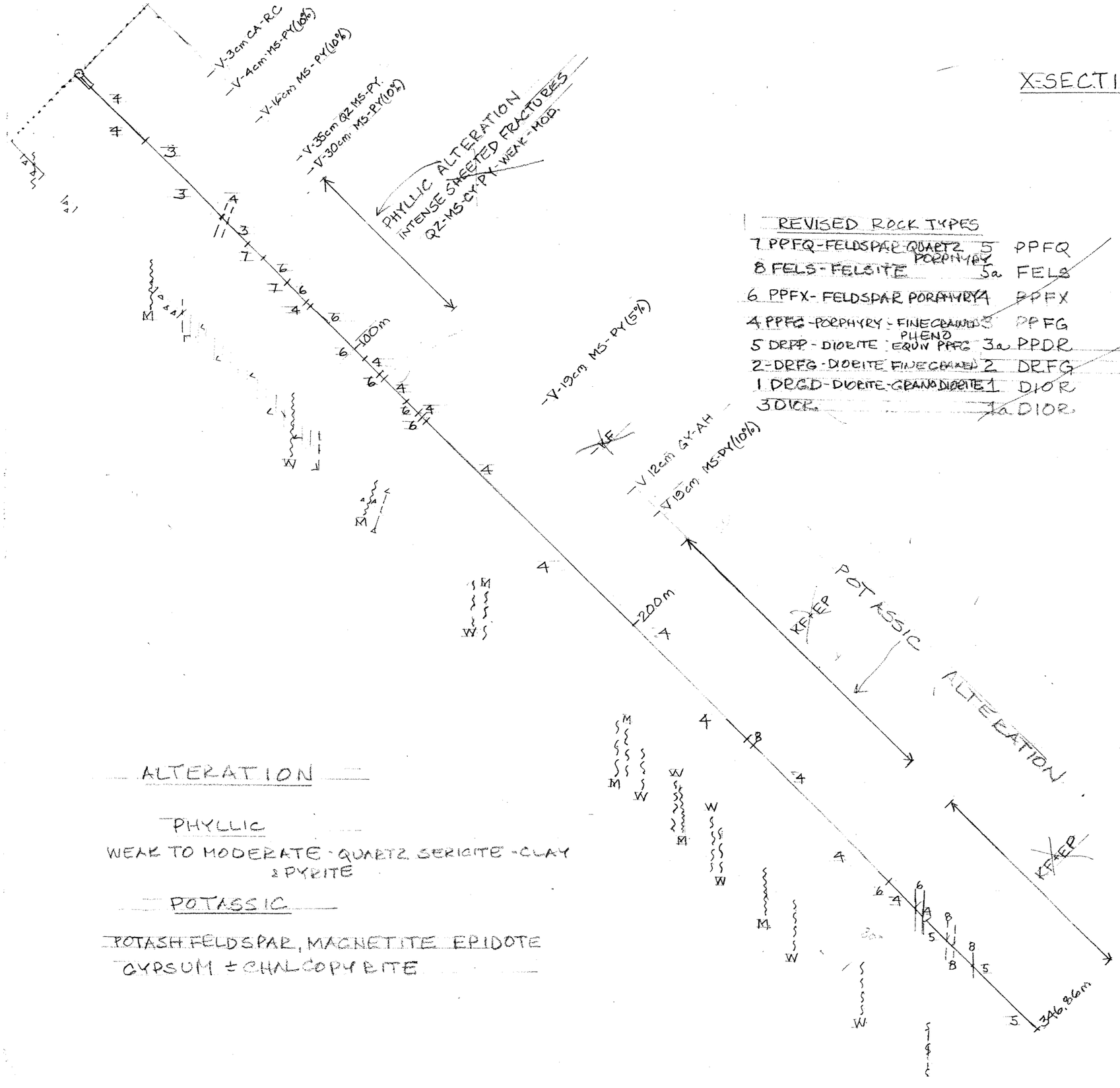
VEINS — 0.45, V, W±S COREWIDTH IN METRES, V-VEINS ±QUARTZ, CARBONATE SERICITE, PYRITE, W = WEAK, S - STRONG

VEINLETS —·—·— WEAK PYRITE-SERICITE VEINLETS ±QUARTZ SERICITE PYRITE VEINLETS

X-SECTION DRILLHOLE NIKKI 10-03

(LOOKING NW)

SCALE 1:1,000



ALTERATION

PHYLLIC

WEAK TO MODERATE - QUARTZ SERICITE - CLAY & PYRITE

POTASSIC

POTASH FELDSPAR, MAGNETITE EPIDOTE GYPSUM ± CHALCOPYRITE

LEGEND

ROCKTYPES (OCT 1/10 - SEE NEW ROCK TYPE LEGEND)

REVISED ROCK TYPES			
7 PPFQ-FELDSPAR QUARTZ PORPHYRY	5	PPFQ	FELDSPAR QUARTZ PORPHYRY
8 FELS-FELSITE	5a	FELS	FELSITE
6 PPFX-FELDSPAR PORPHYRY	4	PPFX	FELDSPAR PORPHYRY
4 PPFG-PORPHYRY-FINE GRAINED	3	PPFG	FINE GRAINED PORPHYRY
5 DRPP-DIORITE PHENO EQUIV PPFG	3a	PPDR	DIORITE
2-DRFG-DIORITE FINE GRAINED	2	DRFG	DIORITE FINE GRAINED
1 DRGD-DIORITE-GRANODIORITE	1	DIOR	DIORITE/GRANODIORITE (HOLE 1)
3 DIOR.	3a	DIOR.	DIORITE (HOLE 3)

SYMBOLS

- ▲▲ BRECCIA
- ~~ FAULT
- V VEIN
- CA - CALCITE
- RC - RHODOCHROSITE
- MS - SERICITE
- PY - PYRITE
- QZ - QUARTZ
- CY - CLAY
- GY - GYPSUM
- AH - ANHYDRITE
- KF - POTASH FELDSPAR
- EP - EPIDOTE

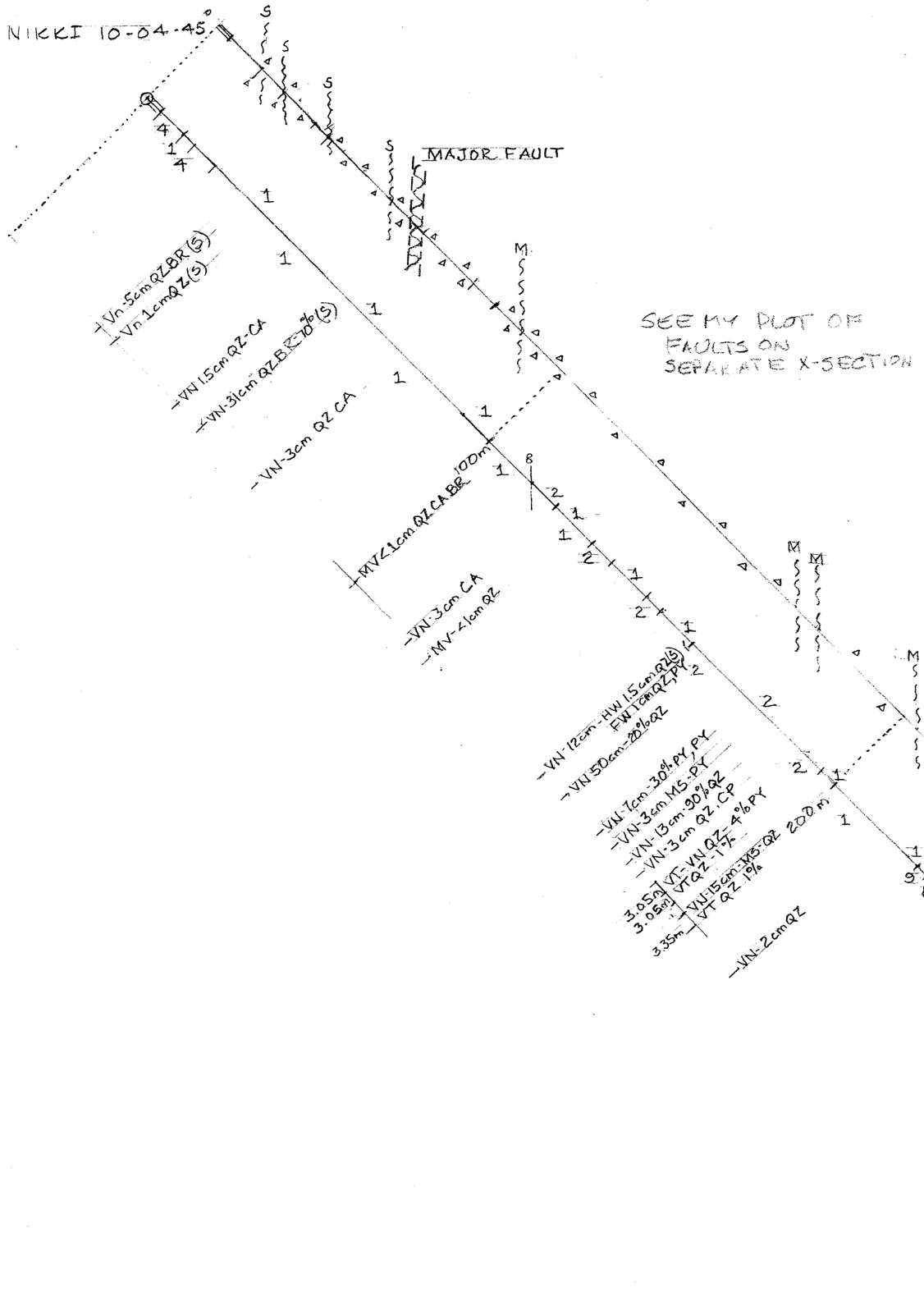
ADD |||| FOR SHEETED

VEINING - CONFORM TO NIKKI 10-04

X-SECTION DRILLHOLE NIKKI 10-04

(LOOKING NW)

SCALE 1:1,000



ROCK TYPES

SEE TABLE

STRUCTURE

M,S,~~~ FAULT - M=MODERATE, S=STRONG

Δ BRECCIA

< CRACKE BRECCIA

VEINING

VN, VM, VT - VEIN, MACROVEIN (>1cM), VEINLET (<5m

5cm WIDTH

QZ, CA QUARTZ, CALCITE

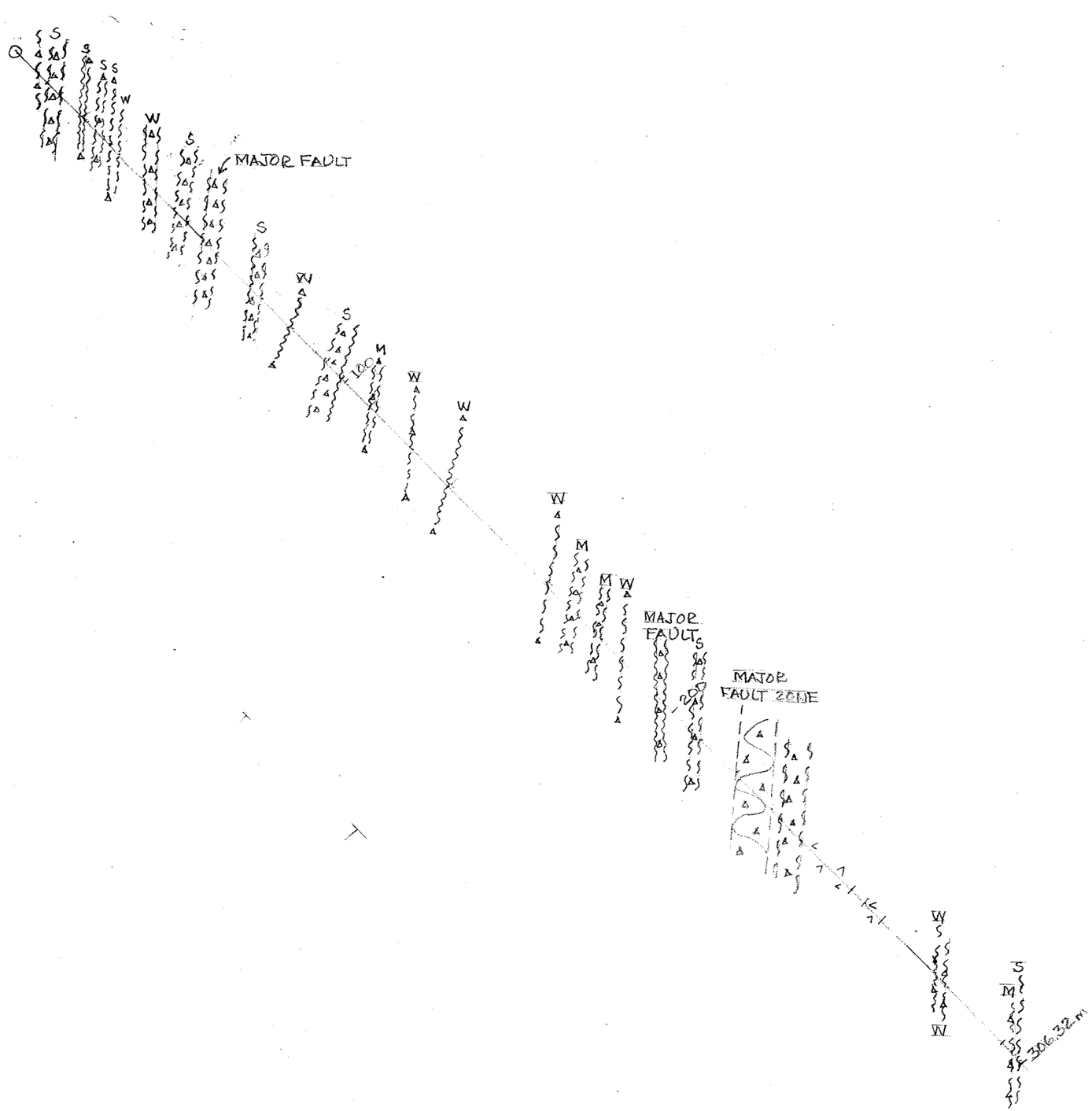
BR QUARTZ AS BRECCIA CLASTS

(S) SMOKY QUARTZ PRESENT

POTASSIC ALTERATION

POTASH FELDSPAR, MAGNETITE/HEMATITE, ± BIOTITE, ± CHALCOPYRITE

X-SECTION 10-04
ONLY FAULTS



APPENDIX VI

AIRBORNE GEOPHYSICAL SURVEY AND INTERPRETATION DATA

Assessment of Airborne Magnetics and Radiometrics Surveys at the Nikki Prospect

A 162 line km helicopter magnetic and radiometric survey has been completed over the Nikki project by New-Sense Geophysics Ltd. (New-Sense) for Strategic Metals Ltd. (Strategic Metals). The survey area covers the previously drilled porphyry Cu-Mo-Au prospect (Trudi) that is located 350 km north-west of Whitehorse in the Yukon Territory. Condor Consulting, Inc. (Condor) has been commissioned to assess the data sets and provide a 3D model of the magnetics. Refer to New-Sense's logistic report (HMR100806) for any additional survey details. Figure 1 shows the location of the survey area and flight path.

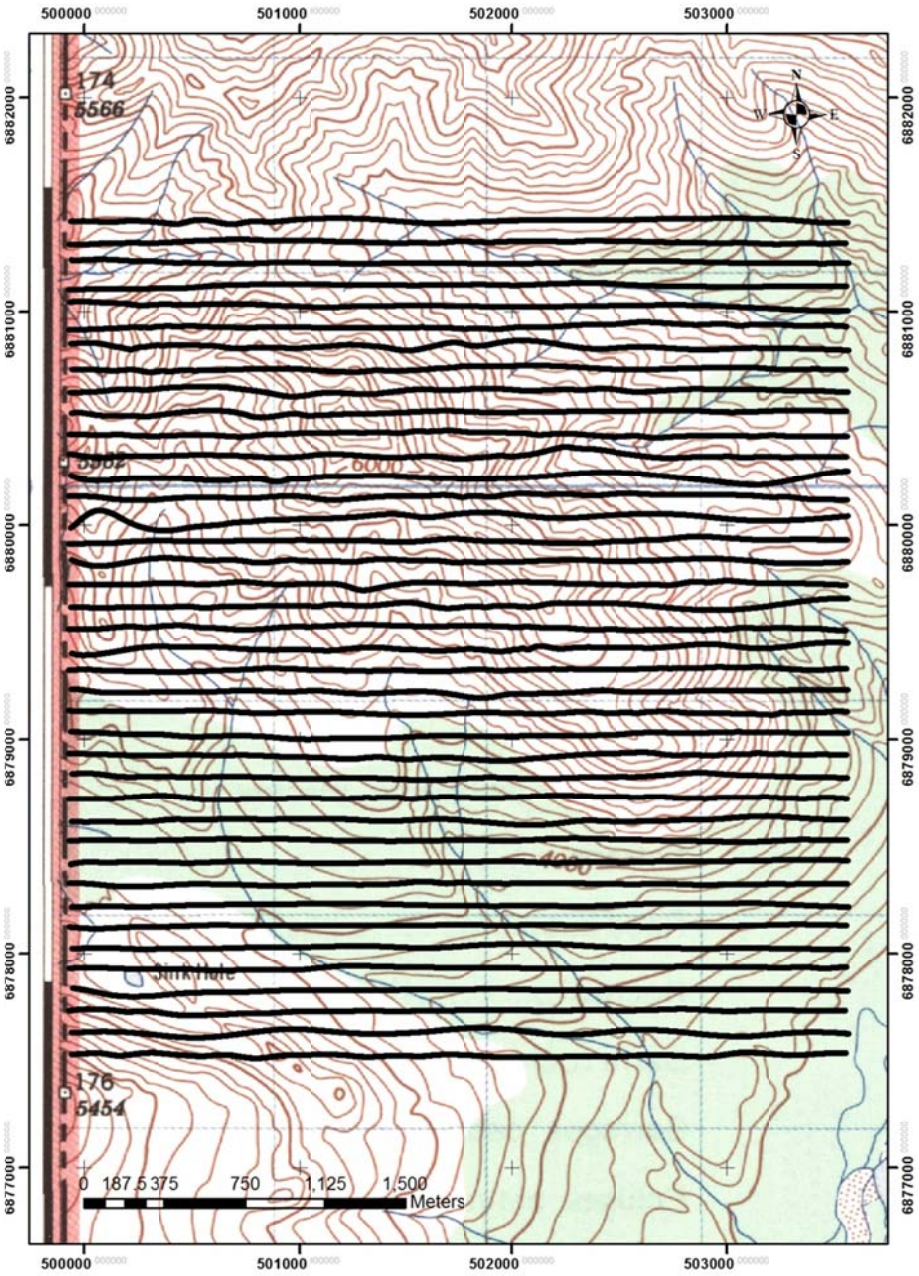


Figure 1: Nikki airborne magnetics and radiometrics survey flight path.

The range of the magnetic response across the survey area is approximately 3,200 nT. The response of the magnetics is dominated by a south-east trending elongated complex as seen in Figure 2 and is coincident with the Trudi prospect. It is recommended that the zones corresponding to the interpreted structures be followed up with a field check and subsequent mapping and sampling.

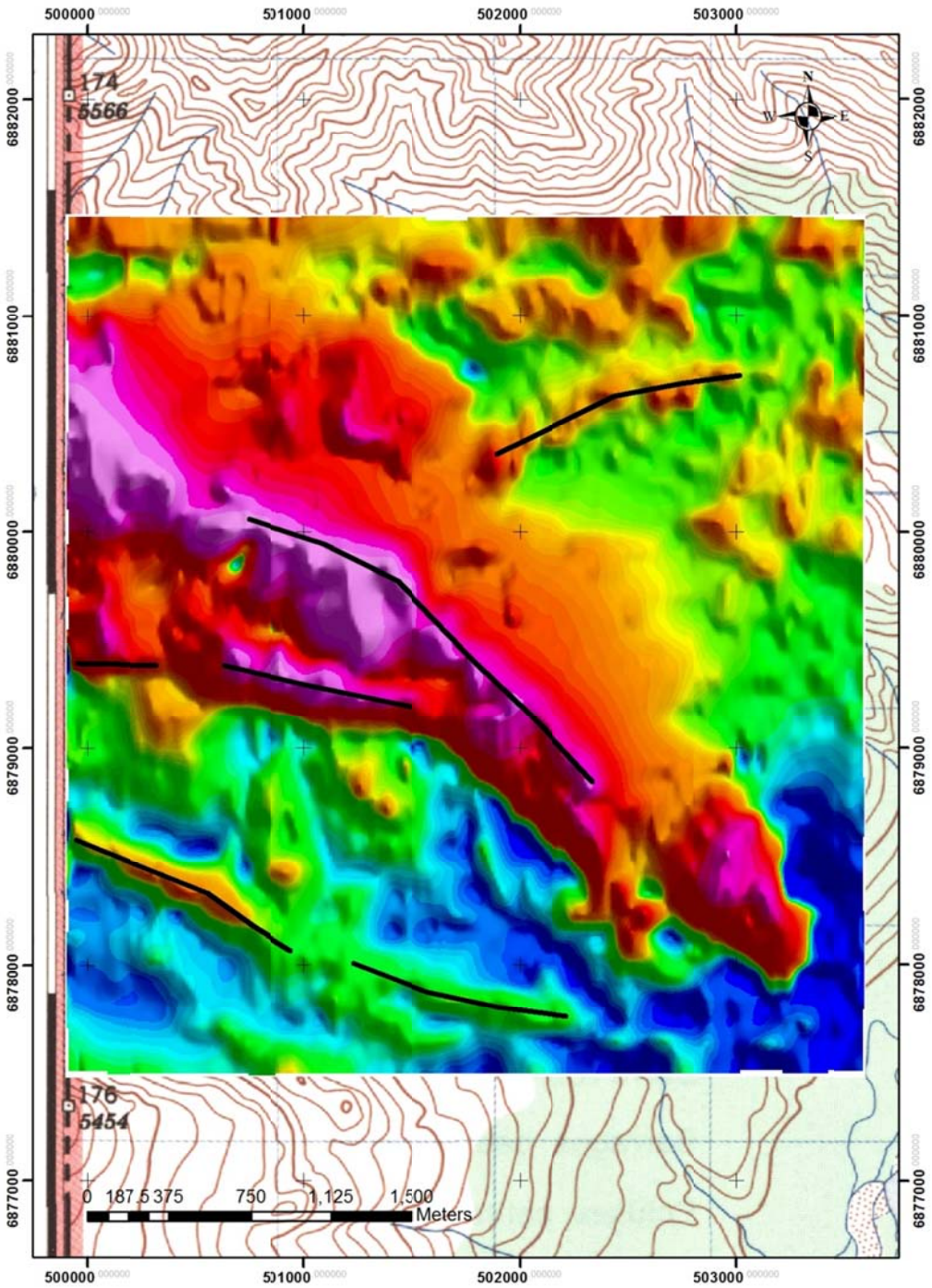


Figure 1: Nikki total magnetic intensity image and interpreted structural lineaments.

The University of British Columbia (UBC) 3D magnetic inversion program MAD3D (version 4.0) was used to produce a model of the magnetics data. MAG3D is a program library for carrying out forward modeling and inversion of surface, airborne, and/or borehole magnetic data in the presence of a three dimensional Earth. Data are assumed to be the anomalous magnetic response to buried susceptible material, not including Earth's ambient field. The model is specified using a mesh of rectangular cells, each with a constant value of susceptibility, and topography is included. The magnetic response can be calculated anywhere within the model volume, including above the topography, simulating ground or airborne surveys, and inside the ground simulating borehole surveys. Figure 3 displays the 3D inversion results of the magnetics data at Nikki.

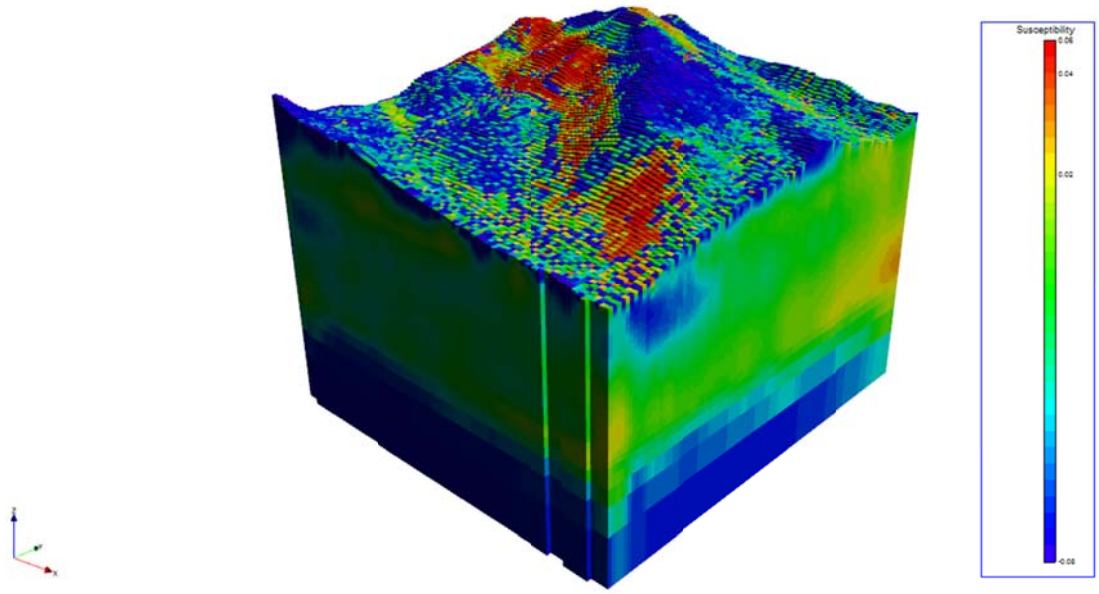


Figure 3: Nikki 3D magnetic model.

The elevated radiometrics response appears for the most part to correlate with higher topographic relief and outcrop, while the lows can be seen associated with the drainages and the valley floor.

The following products can be found and downloaded from the Condor ftp site (ftp://ftp.condorconsult.com , user id: archer@condorconsult.com , password: skywalker19):

- Summary report of the assessment
- Registered images of the airborne magnetics and radiometrics (NAD83, Zone 7N)
- 3D magnetic model and associated sections
- ArcGIS formatted .shp file of the interpreted lineaments derived from the magnetics

It is recommended that the results of the airborne magnetics and radiometrics data be compared with any available geologic and geochemical information, in particular the historic drilling, in order to help advance the exploration program at Nikki.

Respectfully submitted;

Mark Goldie

Condor Consulting, Inc.

December 2, 2010

References:

Li, Y. and Oldenburg, D. W., 1996, 3-D Inversion of Magnetic Data: Geophysics, 61, no. 02, 394-408.

Yakovenko, A., Logistics Report for the High Resolution Helicopter Magnetic and Gamma-ray Spectrometric Airborne Geophysical Survey flown over Mint, Nikki, Corky, Meloy, King, and Mars Project Properties, Yukon, from White River Lodge (Mint and Nikki), Burwash Landing (Corky and Meloy), and Braeburn Lodge (King and Mars), Yukon carried out on behalf of Strategic Metals Ltd. by New-Sense geophysics Limited, Project # HMR100806, October 2010.

Logistics
Report

For the

High Resolution Helicopter Magnetic and
Gamma-ray Spectrometric Airborne Geophysical Survey

Flown over

MINT, NIKKI, CORKY, MELOY, KING, AND MARS Project Properties, Yukon

From

White River Lodge (Mint and Nikki)**, Burwash Landing** (Corkey and Meloy)**, and Braeburn Lodge** (King and Mars)**, Yukon**

Carried out on behalf of

STRATEGIC METALS LTD.

By

New-Sense Geophysics Limited



Toronto, Canada
October 5th, 2010
(HMR100806-report)

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AMENDMENT RECORD

Rev	Date	Description	Report Section	Prepared by

DOCUMENT RECORD

Document Identification	HMR100806-report
Document Custodian	Field Operations Manager
Relates To	Final Deliverables
Original Date Issued	October 5th, 2010

1. INTRODUCTION

A high sensitivity helicopter magnetic and gamma-ray spectrometric airborne survey was carried out for Strategic Metals Ltd. (Client) over six (6) project areas known as:

Mint and *Nikki,* located ~25 Km west and 30 Km south-west respectively of White River Lodge, Yukon;
Corky and *Meloy,* located ~21 Km west and ~47 Km north-east respectively of Burwash Landing, Yukon;
King and *Mars,* located ~32 Km north-west and ~56 Km south-east respectively of Braeburn Lodge, Yukon.

New-Sense Geophysics (NSG) flew the survey under the terms of an agreement with Client dated August 6th, 2010.

The survey was flown between August 8th and August 17th, 2010. A total of 1,207 line kilometers of field magnetic and radiometric data was flown, collected, processed and plotted. These lines were flown in 6 separate blocks listed below:

Mint Property	- 272 km
Nikki Property	- 162 km
Corky Property	- 87 km
Meloy Property	- 293 km
King Proporty	- 231 km
Mars Property	- 162 km

Geophysical equipment was comprised of 1 high-sensitivity Cesium-3 magnetometer mounted in a fixed stinger assemble and a 1024-channel spectrometer with four downward looking crystals (total 16 liters) and one upward looking crystal (total 4 liters). Airborne ancillary equipment included digital recorders, fluxgate magnetometer, radar altimeter and global positioning system (GPS) receiver, which provided accurate real-time navigation and subsequent flight path recovery. Surface equipment included a magnetic base station with GPS time synchronization and a PC-based field workstation, which was used to check the data quality and completeness on a daily basis.

The technical objective of the survey was to provide high-resolution total field magnetic and radiometric maps suitable for anomaly delineation, detailed structural evaluation, and identification of lithologic trends. Fully corrected magnetic and radiometric maps were prepared by New-Sense Geophysics Limited, in their Toronto office, after the completion of survey activities.

This report describes the acquisition, processing, and presentation of data for the Strategic Metals Ltd. airborne survey over Mint, Nikki, Corky, Meloy, King and Mars blocks, Yukon.

2. SURVEY LOCATION

Datum: NAD83
Projection: Universal Transverse Mercator Zone 7N and Zone 8N
Local Datum Transform: North America (all Canada and USA subunits)

Table 2.1: Mint Property Coordinates

UTN Zone 7N			
NAD83_X	**NAD83_Y**	**WGS84_X**	**WGS84_Y**
503454	6855015	503454	6855015
507048	6855015	507048	6855015
507048	6852165	507048	6852165
508398	6852165	508398	6852165
508398	6849474	508398	6849474
503454	6849474	503454	6849474
503454	6855015	503454	6855015

Table 2.2: Nikki Property Coordinates

UTN Zone 7N			
NAD83_X	**NAD83_Y**	**WGS84_X**	**WGS84_Y**
500000	6881475	500000	6881475
503500	6881475	503500	6881475
503500	6877500	503500	6877500
500000	6877500	500000	6877500
500000	6881475	500000	6881475

Table 2.3: Corky Property Coordinates

UTN Zone 7N			
NAD83_X	**NAD83_Y**	**WGS84_X**	**WGS84_Y**
582177	6806658	582177	6806658
584919	6806658	584919	6806658
584918	6803915	584918	6803915
582176	6803915	582176	6803915
582177	6806658	582177	6806658

Table 2.4: Meloy Property Coordinates

UTN Zone 7N			
NAD83_X	**NAD83_Y**	**WGS84_X**	**WGS84_Y**
647000	6823000	647000	6823000
652000	6823000	652000	6823000
652000	6818000	652000	6818000
647000	6818000	647000	6818000
647000	6823000	647000	6823000

Table 2.5: King Property Coordinates

UTN Zone 8N			
NAD83_X	**NAD83_Y**	**WGS84_X**	**WGS84_Y**
438766	6845463	438766	6845463
441425	6845467	441425	6845467
441509	6844655	441509	6844655
441514	6840897	441514	6840897
436938	6840899	436938	6840899
436938	6845004	436938	6845004
438766	6845004	438766	6845004
438766	6845463	438766	6845463

Table 2.6: Mars Property Coordinates

UTN Zone 8N			
NAD83_X	**NAD83_Y**	**WGS84_X**	**WGS84_Y**
508795	6798209	508795	6798209
512466	6794761	512466	6794761
510594	6792767	510594	6792767
506923	6796215	506923	6796215
508795	6798209	508795	6798209

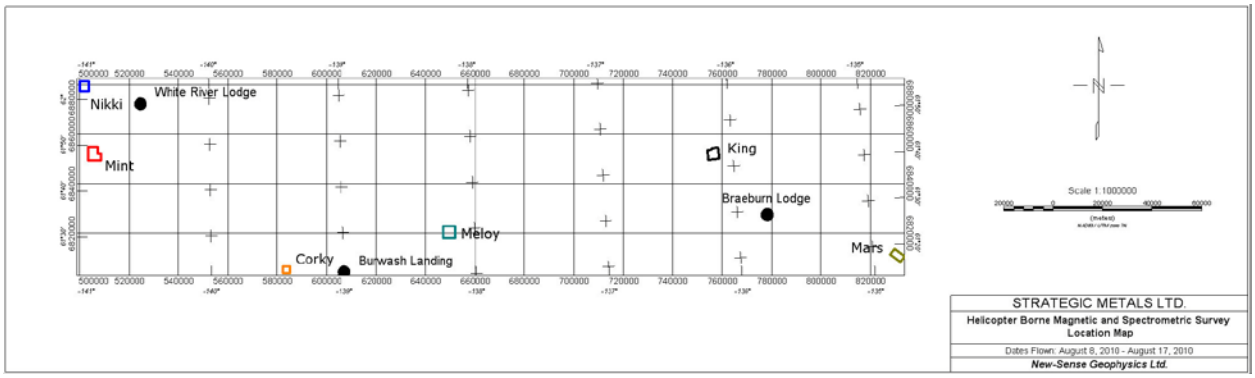


Figure 2.1 Location map depicting the outlines of all six (6) properties: Nikki (blue), Mint (red), Corky (orange), Meloy (grey), King (black), and Mars (green). The coordinate system is NAD83, North America (all Canada and USA subunits), Zone 7N.

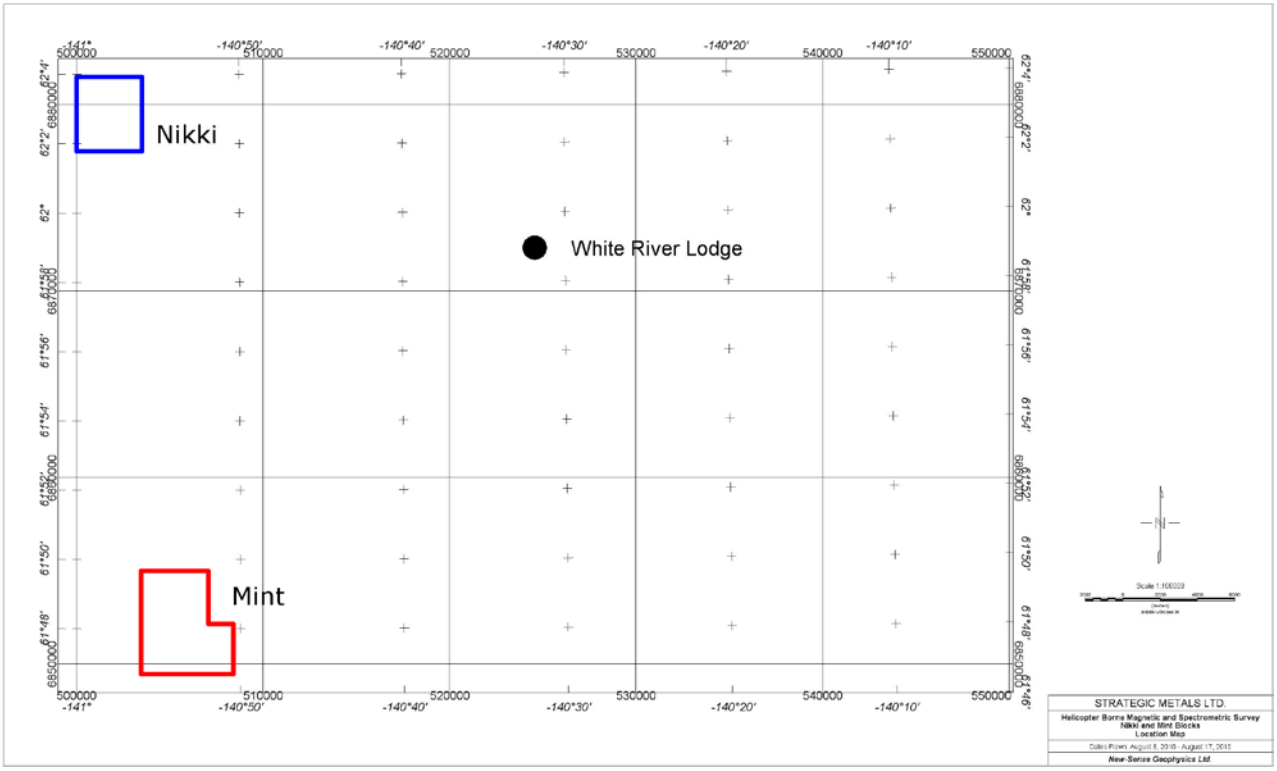


Figure 2.2 Location map depicting the outlines of Nikki (blue) and Mint (red) The coordinate system is NAD83, North America (all Canada and USA subunits), Zone 7N.

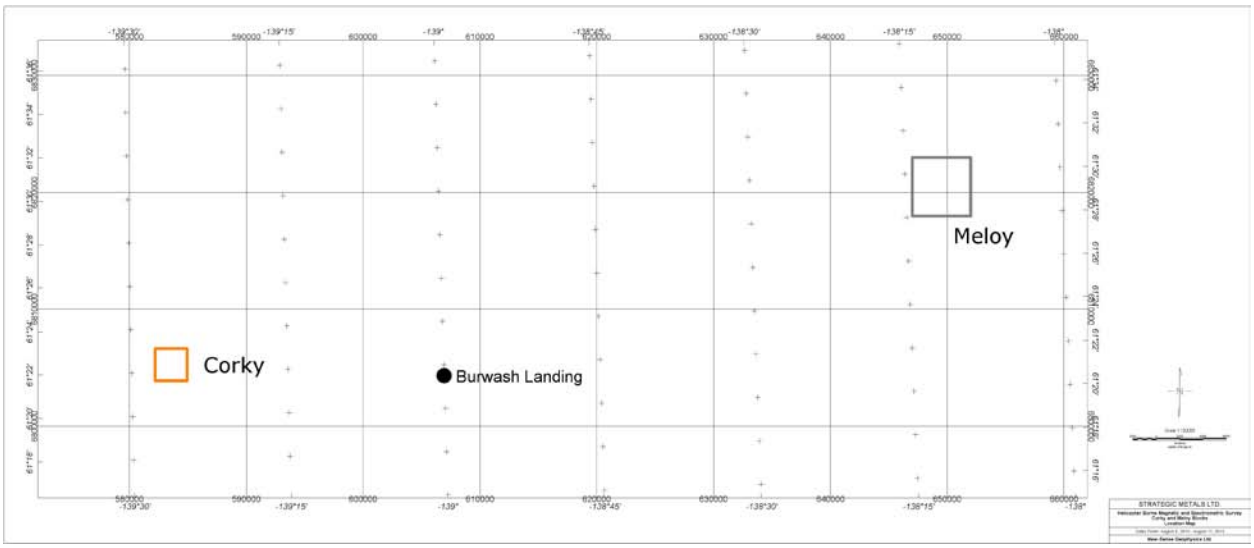


Figure 2.3 Location map depicting the outlines of Corky (orange) and Meloy (grey). The coordinate system is NAD83, North America (all Canada and USA subunits), Zone 7N.

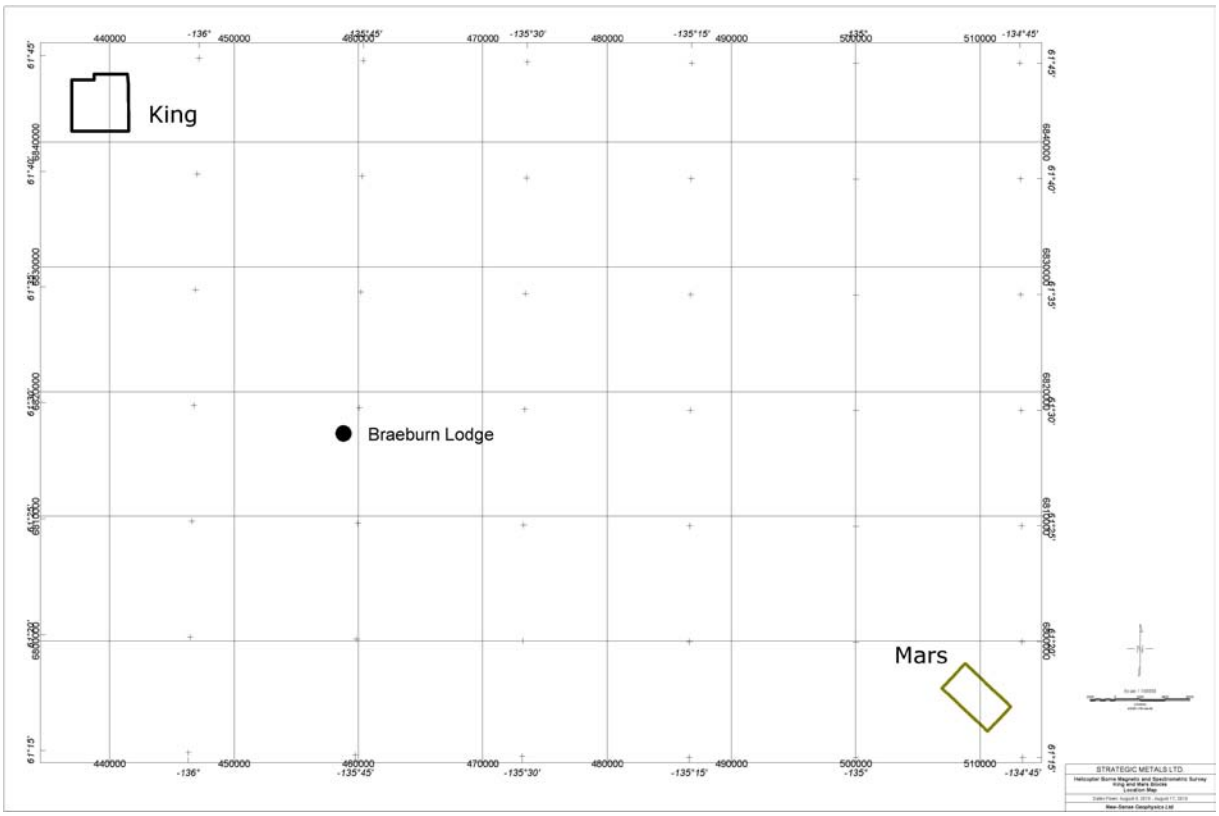


Figure 2.4 Location map depicting the outlines of King (black) and Mars (green). The coordinate system is NAD83, North America (all Canada and USA subunits), Zone 8N.

3. PERSONNEL

3.1 FIELD OPERATIONS

New-Sense Geophysics Ltd., Geophysicist:	Chris Evans
Fireweed Helicopters, Pilot:	Brent Vansickle
Fireweed Helicopters, Pilot:	RJ Price

3.2 OFFICE DATA PROCESSING AND OFFSITE QA/QC

QA/QC (NSG):	Andrei Yakovenko
Data Processing and Grids (NSG):	Andrei Yakovenko Sean Plener Chris Evans
Maps (NSG):	Andrei Yakovenko Sean Plener
Logistics Report (NSG):	Andrei Yakovenko Sean Plener

3.3 PROJECT MANAGEMENT

New-Sense Geophysics Ltd.:	Andrei Yakovenko
Strategic Metals Ltd.**:**	W. Douglas Eaton

4. SURVEY PARAMETERS

Airborne Digital Record:
- Line Number
- Flight Number
- Radar Altimeter
- Total Field Magnetics
- Live Time
- Thorium counts
- Potassium counts
- Uranium counts
- Upward looking Uranium counts
- Cosmic counts
- Down Spectrum
- Total Counts
- Time (System and GPS)
- Raw Global Positioning System (GPS) data
- Magnetic compensation parameters (fluxgate mag.)

Base Station Record:
- Ambient Total Field Magnetics
- Raw Global Positioning System (GPS) data
- Time (System and GPS)

Table 4.1 Survey Parameters

Property Name	Mint	Nikki	Corky	Meloy	King	Mars
Traverse Line Spacing (m)	100	100	100	100	100	100
Control Line Spacing (m)	1000	1000	1000	1000	1000	1000
Nominal Terrain Clearance (m)	35	35	35	35	35	35
Observed Terrain Clearance (avrg. m)	33.8	41.0	33.1	39.2	36.5	35.4
Navigation	GPS	GPS	GPS	GPS	GPS	GPS
Traverse Line Direction (deg.)	90, 270	90, 270	90, 270	0, 180	90, 270	132, 312
Control Line Direction (deg.)	0, 180	0, 180	0, 180	90, 270	0, 180	42, 222
Magnetic Data Measurement Interval (sec.)	0.1	0.1	0.1	0.1	0.1	0.1
Radiometric Data Measurement Interval (sec.)	1	1	1	1	1	1
Ground Speed (avrg. km/h)	80.6	76.7	80.3	68.4	107.28	103.7
Magnetic Measurement Interval (avrg. m/0.1sec.)	2.2	2.1	2.2	1.9	3	2.9
Radiometric Measurement Interval (avrg. /1.0sec.)	22.4	21.3	22.3	19	29.8	28.8

5. AIRCRAFT AND EQUIPMENT

5.1 AIRCRAFT

The aircraft used was a Bell 206B3 helicopter (C-FFWH) equipped with a Cesium magnetometer mounted in a fixed stinger assembly and RS-500 airborne spectrometer mounted in the storage compartment. The aviation company providing the aircraft service was Fireweed Helicopters based in Whitehorse, Yukon, Canada.

5.2 AIRBORNE GEOPHYSICAL SYSTEM

5.2.1 MAGNETOMETER

One Scintrex CS-3 optically pumped Cesium split beam sensor was mounted in a fixed stinger assembly. The magnetometer's Larmor frequency output was processed by a KMAG-4 magnetometer counter, which provides a resolution of 0.15 ppm (in a magnetic field of 50,000 nT, resolution equivalent to 0.0075 nT). The raw magnetic data was recorded at 50 Hz, anti-aliased with 51 point COSINE filter and resampled at 10 Hz .

5.2.2 MAGNETIC COMPENSATION

The proximity of the aircraft to the magnetic sensor creates a measurable anomalous response as a result of the aircrafts movement. The orientation of the aircraft with respect to the sensor and the motion of the aircraft through the earth's magnetic field are contributing factors to the strength of this response. A special calibration flight, Figure of Merit (i.e., FOM), was flown to record the information necessary to compensate for these effects.

The FOM maneuvers consist of a series of calibration lines flown at high altitude to gain information in each of the required line directions. During this procedure, pitch, roll and yaw maneuvers are performed on the aircraft (typical angle ranges are 10° pitch, 10° roll, and 10° yaw). Each variation is conducted three times in succession (first pitch, then roll, then yaw), providing a complete picture of the aircraft's effects at designated headings in all orientations.

A three-axis Bartington fluxgate magnetometer (recorded at 50 Hz) was used to measure the orientation and rates of change of the magnetic field of the aircraft, away from localized terrestrial magnetic anomalies. The QC Tools digital compensation algorithm was then applied to generate a correction factor to compensate for permanent, induced, and eddy current magnetic responses generated by the aircrafts movements.

5.2.3 GPS NAVIGATION

A U-BLOX RCB-LJ sixteen channel GPS receiver, which is an integral component of the iNAV V3 computer system, was used to run the flight control system and provide precise positioning of the aircraft.

5.2.4 ALTIMETER

A TRA 3500 radar altimeter was mounted inside the stinger. This instrument operates with a linear performance over the range of 0 to 2,500 feet and records the terrain clearance of the sensors. The raw radar altimeter data was recorded at 50 Hz, anti-aliased with a 21 point COSINE filter and re-sampled at 10 Hz.

5.2.5 GEOPHYSICAL FLIGHT CONTROL SYSTEM

New-Sense's iNAV V3 geophysical flight control system monitored and recorded magnetometer, spectrometer, altimeter, and GPS equipment performance. Input from the various sensors was monitored every 0.005 seconds for the precise coordination of geophysical and positional measurements. The input was recorded fifty times per second (one time per second in the case of GPS and radiometric data).

GPS positional coordinates and terrain clearance were presented to the pilot by means of a panel mounted indicator display. The magnetometer response, forth difference, altimeter profile and profiles of the radiometric windows were also available on the touch screen display, for real-time monitoring of equipment performance.

5.2.6 SPECTROMETER

The RS-500 Airborne Spectrometer with RSX-5 detector pack, manufactured by Radiation Solutions Inc. (RSI), was used for the survey. The RS-500 spectrometer has a multi-peak gain stabilization algorithm and is capable of recording 1024 channels with accuracy of 0.1 to 10 counts/second.

The RS-500 is connected to a crystal pack comprising four downward looking crystals (16 liters total) and one upward looking crystal (4 liters total). The downward crystals record the radiometric spectrum from 410 KeV to 2810 KeV over 1024 discrete energy windows, as well as from a cosmic ray channel that detects photons with energy levels above 3.0 MeV. From these 1024 channels, the standard Total Count, Potassium, Uranium and Thorium channels are extracted. The upward crystal is used to measure and correct for atmospheric Radon interference. The shock-protected Sodium Iodide (Thallium) crystal package is unheated and automatically stabilizes with respect to the multiple peaks. The RS-500 provides raw data that has been automatically corrected for gain, base level, ADC offset, and dead time.

5.2.7 IDAS DIGITAL RECORDING

The output of the CS-3 magnetometer, fluxgate magnetometer, altimeter, temperature, pressure, GPS coordinates, and time (system and GPS), were recorded digitally on a Compact Flash drive at a sample rate of fifty times per second (one time per second for GPS) by the iNAV V3 system.

5.2.8 PRESSURE AND TEMPERATURE

A Honeywell Precision Pressure Transducer, model PPT0020AWN2VA-A, was used to record the ambient pressure and temperature during the survey. The device was mounted in the helicopter stinger. The pressure and temperature outputs units were mbar and degrees Celsius respectively.

5.2.9 SPECTROMETER DIGITAL RECORDING

The output of the RS-500 spectrometer, GPS coordinates and time (UTC) were recorded digitally on an internal RS-500 flash drive at a sample rate of 1 Hz. After each flight the data were copied and synchronized using UTC clock with the iDAS digital records.

5.3 GROUND MONITORING SYSTEM

5.3.1 BASE STATION MAGNETOMETER

A Scintrex CS-3 optically pumped cesium split beam sensor was used at the base of operations within the airport boundaries, in an area of low magnetic gradient and low/free from cultural electric & magnetic noise sources. The sensitivity and absolute accuracy of the ground magnetometer is +/- 0.01 nT. Data was recorded continuously at least every one second throughout all survey operations in digital form on a TC-10 data acquisition system. Both the ground and airborne magnetic readings were synchronized based on the GPS clock.

5.3.2 RECORDING

The output of the magnetic and GPS monitors was recorded digitally on a dedicated TC-10 computer. A visual record of the last three hours was graphically maintained on the computer screen to provide an up to date appraisal of magnetic activity. At the conclusion of each production flight raw GPS and magnetic data were transferred to the main field compilation computer.

5.4 FIELD COMPILATION SYSTEM

A field laptop computer was used for field data processing and presentation. The raw data was imported to Geosoft Oasis montaj for QA/QC and processing purposes. After the data was checked for quality control, the database with uncompensated magnetic readings was exported to QC Tools software package for magnetic compensation and base station data merging purposes. The compensated database was then imported back to Oasis for the subsequent and final processing.

6. PRE-SURVEY SPECTROMETER CALIBRATIONS

Pre-survey calibrations and testing of the RS-500 (SN 5503) airborne gamma-ray spectrometry system were carried out on August, 8th, 2010 (from White River lodge, YT), August 15th, 2010 (from Braeburn lodge, YT), and August 20th, 2010 (from Carmacks, YT). For these calibrations and tests, the survey aircraft (registration C-FFWH) was mobilized in survey configuration. The installed equipment and configurations were selected to conform to contract technical specifications.

Calibration of the spectrometer system is a vital process to airborne gamma-ray spectrometry. The calibration of the spectrometer system involved three tests:

- **Calibration Pad** measurements, which are used to determine the "spectral overlap" (Compton scattering) coefficients. The calibration test was performed within a 12 month period before the survey by the manufacturer (Radiation Solutions Inc.), at its headquarters location in Mississauga, Ontario.

- **Cosmic Flight Test**, which is used to determine the aircraft background values and cosmic coefficients for Mint, Nikki, Melody, and Corky was conducted on August 8th, 2010. The Cosmic Flight Test that was used to determine the coefficients for King and Mars was conducted on August 15th, 2010.

- **Height Attenuation Test**, which determined the altitude attenuation coefficients for Mint, Nikki, Melody, and Corky was conducted on August 8th, 2010 and the Height Attenuation Test used to determine the coefficients for King and Mars was conducted on August 15th, 2010.

6.1 ENERGY WINDOWS

The airborne radiometric technique requires measurement of count rates for specific energy regions or windows in the natural gamma-ray spectrum. The standard energy regions (in accordance with the International Atomic Energy Agency (IAEA) 323), and their corresponding channel limits are:

Table 6.1 Downward spectrometer energy windows

Designation	Energy Limit (keV)		Channel Limit (inclusive)	
	Lower	Upper	Unit Values	
			Lower	Upper
Total Count (TC)	410	2810	137	937
K	1370	1570	457	523
U	1660	1860	553	620
Th	2410	2810	803	937
U (upward)	1660	1860	553	620
Cosmic	3200	infinity		

6.2 CALIBRATION PAD TEST

The Compton stripping coefficients as provided by RSI are listed below:

Table 6.2 Compton Stripping coefficients

Stripping Ratios	Spectrometer (SN 5503)	"normal" values
Th into U (alpha = a23/a33)	0.284	0.250
Th into K (beta = a13/a33)	0.432	0.400
U into K (gamma = a12/a22)	0.771	0.810
U into Th (a = a32/a22)	0.039	0.060
K into Th (b = a31/a11)	-0.001	0
K into U (g = a21/a11)	0.001	0.003

6.3 COSMIC FLIGHT TEST

In each of the spectral windows, the radiation increases exponentially with height due to radiation of cosmic origin. As well, the aircraft itself contributes a constant background to the count rate. By completing a series of flights within the same region, over a range of altitudes, these background contributions can be determined.

6.3.1 SETUP AND MEASUREMENT PROCEDURE

1. A resolution check was completed at the aircraft base using a Thorium source prior to the cosmic test to insure the sensitivity and accuracy of the spectrometer.
2. Once the aircraft reached the desired altitude (first at ~8000 feet), survey data were recorded for approximately ten minutes.
3. Step 2 was then repeated at the following remaining altitudes: 9,000, 10,000, 11,000 and 12,000 feet above sea level.

Table 6.3 Cosmic Test data from August 8, 2010

	Cosmic Test Flight Data (average counts)					
Altitude (ft)	Cosmic	UU	K	U	Th	TC
8297	197	3	22	13	13	285
9292	228	4	23	14	15	356
10225	262	4	26	16	17	356
11334	310	5	26	16	17	400

Table 6.4 Cosmic Test data from August 15, 2010

	Cosmic Test Flight Data (average counts)					
Altitude (ft)	Cosmic	UU	K	U	Th	TC
7848	176	3	20	12	11	265
8914	203	3	23	13	13	338
9943	238	4	25	15	15	338
11117	381	4	27	17	19	383
12109	328	5	30	19	21	420

6.3.2 RESULTS FROM COSMIC FLIGHT TEST

At each altitude, the raw data for the five windows of interest (Th, K, U, TC, and U upward) were evaluated for quality. The mean values were then extracted and plotted against the cosmic background window (see Appendix A). The result is a linear trend, where the slope and intercept represent the cosmic stripping ratio and the aircraft background respectively. The results from the graphs are summarized below.

Table 6.5 Cosmic and Aircraft Background coefficients used ror Nikki, Mint, Corky and Meloy blocks

Cosmic Flight Test Result From August 8, 2010		
Element	Cosmic	Aircraft Background
K	0.0647	8.8788
U	0.0456	3.8854
Th	0.0617	0.8817
TC	1.10161	86.996
UU	0.016	0

Table 6.6 Cosmic and Aircraft Background coefficients used for King and Mars blocks

Cosmic Flight Test Result From August 15, 2010		
Element	Cosmic	Aircraft Background
K	0.0621	9.7817
U	0.0471	3.6567
Th	0.0646	0
TC	1.023	90.165
UU	0.0132	0.5736

6.4 ALTITUDE ATTENUATION TEST

The height attenuation of the spectrometer systems was calculated by flying a series of passes across a line over flat ground with uniform radioelement ground concentration. The test range was flown by acquiring data on a series of seven passes over a set path, at the following altitudes: 100, 150, 200, 250, 300, 400, 600, 800 and 1000 feet above ground.

6.4.1 RESULTS FROM ALTITUDE ATTENUATION TEST

The airborne data from the altitude attenuation test was checked for quality, edited and divided into lines, where each line represents a pass. The radiometric windows were then corrected for background (aircraft and cosmic) and stripped of Compton contributions. After averaging the data for each line, the four windows of interest (K, U, Th, and Total Count) were plotted against the altimeter in order to obtain the height attenuation. The results were obtained using an exponential regression, where the slope represents the attenuation coefficient and the 'y' intercept represents the counts at 0 feet (see Tables 6.7 and 6.8 and Appendix A).

Table 6.7 Height Attenuation coefficients from August 8, 2010: Nikki, Mint, Corky and Meloy blocks

Element	Altitude attenuation coefficients
K	-0.0071
U	-0.0084
Th	-0.0065
TC	-0.0056

Table 6.8 Height Attenuation coefficients from August 15, 2010: King and Mars blocks

Element	Altitude attenuation coefficients
K	-0.0072
U	-0.005
Th	-0.006
TC	-0.0056

6.5 RADON TEST STRIPS

On all survey flights, at least one radon normalization test was flown before or after data collection.

The test consists of the helicopter flying a designated test line at nominal survey altitude near each of the bases of operation: White River Lodge; Burwash Landing; and Braeburn Lodge.

All test line locations were selected in areas of flat and dry terrain, close to survey areas being flown. The tests consists of the pilot being guided using the iDAS navigation system, at fixed speed, and for approximately 5 minutes, to allow for adequate statistics to be collected.

Since no noticeable radon fluctuations were observed on any of the blocks, no test line corrections were applied to the data set.

6.6 RADIOELEMENT GROUND CONCENTRATIONS AND SYSTEM SENSITIVITIES

The radiometric ground concentrations were measured using a calibrated portable spectrometer (RSI-125) during the same time as the airborne altitude attenuation flights took place (i.e., August 8 and 15th, 2010). The sensor was positioned one meter above the soil and away from the operators' body in the vicinity of altitude attenuation test strip. Twenty-three 300-second measurements were taken over the length of the calibration range.



The resulting mean radiometric equivalent ground concentrations for the calibration range on August 8th, 2010 and August 15th, 2010 were as follows:

Table 6.9 Ground Concentrations from August 8th, 2010: Nikki, Mint, Corky and Meloy blocks

Radio Element	Ground Concentration	
Potassium	1.28	%
Equivalent Uranium	1.68	*ppm*
Equivalent Thorium	5.76	*ppm*
Total	41.54	nGy/h

Table 6.10 Ground Concentrations from August 15th, 2010: King and Mars blocks

Radio Element	Ground Concentration	
Potassium	1.61	%
Equivalent Uranium	2.4	*ppm*
Equivalent Thorium	6.14	*ppm*
Total	50.57	nGy/h

Using these ground concentrations and the altitude attenuation calibration flight data, the System Sensitivities were obtained:

$$S = N/C$$

Where:

- S is the sensitivity for each window
- N is the striped count rate in the window at the survey altitude (i.e, 35m)
- C is the respective ground radioelement concentration.

With the following results:

Table 6.11 Sensitivities @35m from August 8th, 2010: Nikki, Mint, Corky and Meloy blocks

	Sensitivities @ 35m
K	$77.47\ cps/(\%)$
U	$8.19\,cps/(ppm)$
Th	$2.86\ cps/(ppm)$
TC	$23.12\ cps/(nGy/h)$

Table 6.12 Sensitivities @35m from August 15th, 2010: King and Mars blocks

	Sensitivities @ 35m
K	$86.7\ cps/(\%)$
U	$6.08\ cps/(ppm)$
Th	$3.75\ cps/(ppm)$
TC	$23.17\ cps/(nGy/h)$

Note: Determining of radioelement ground concentrations and system sensitivities were not part of the singed agreement. Such data are made available to the client as a courtesy.

7. OPERATIONS AND PROCEDURES

7.1 FLIGHT PLANNING AND FLIGHT PATH

The block outline coordinates (section 2.0) were used to generate pre-calculated navigation files. The navigation files were used to plan flights at the designated traverse line spacing of 100 meters and control lines of 1000 meters.

Preliminary flight path maps and magnetic maps were plotted and updated, to monitor coverage of the survey area.

7.2 BASE STATION

Magnetic base stations were established in magnetically quiet areas in the vicinity of survey blocks.

For Mint and Nikki blocks: in the vicinity of White River Lodge at Latitude: 61.982645 deg.; Longitude: -140.531458 deg.

For Corky and Meloy: in the vicinity of Burwash Landing at Latitude: 61.358406 deg.; Longitude: -139.000274 deg.

For King and Mars: in the vicinity of Braeburn Lodge at Latitude: 61.481381 deg.; Longitude: -135.773504 deg.

The base station readings were monitored to ensure that the diurnal variation were within the peak-to-peak envelope of 20 nT from a long chord distance equivalent to a period of two minutes.

7.3 AIRBORNE MAGNETOMETERS

An FOM test of the performance of the CS-3 and fluxgate magnetometers was performed in order to monitor the ability of the system to remove the effects of aircraft motion on the magnetic measurement.

The FOM maneuvers consisted of a series of calibration lines flown at high altitude (10,000+ ft above sea level) to gain information in each of the required line directions. During this procedure, pitch, roll and yaw maneuvers were performed on the aircraft.

The following ranges were used:

Pitch: 10-15°
Roll: 10-15°
Yaw: 10-15°

See Appendix B for the FOM results as flown on August 8th, August 13th, August 15th, and August 17th 2010 and were used to compensate the magnetic data.

7.4 THORIUM RESOLUTION TESTS

In order to monitor the resolution of the crystal pack, a daily a resolution test of the spectrometer was performed in RadAssist (RSX-5 spectrometer interface program) using ~2000 thorium background counts per crystal.

The results from the resolution tests were always found to be within the contract specifications (see Appendix D for the daily test results).

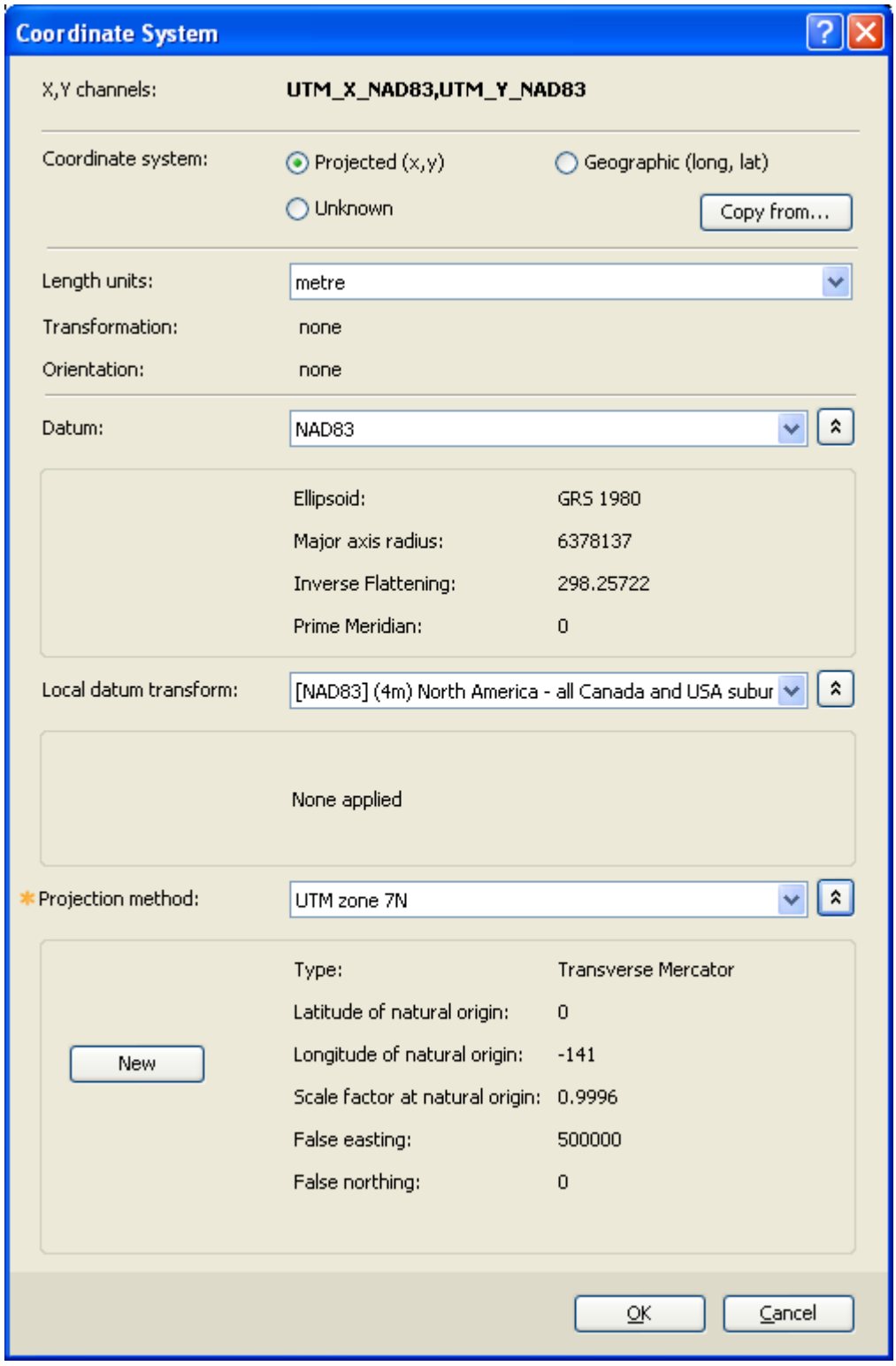
7.5 DATA COMPILATION

Data recorded by the airborne and base station systems was transferred to the field compilation system. As each flight was completed, the following compilation operations were carried out:

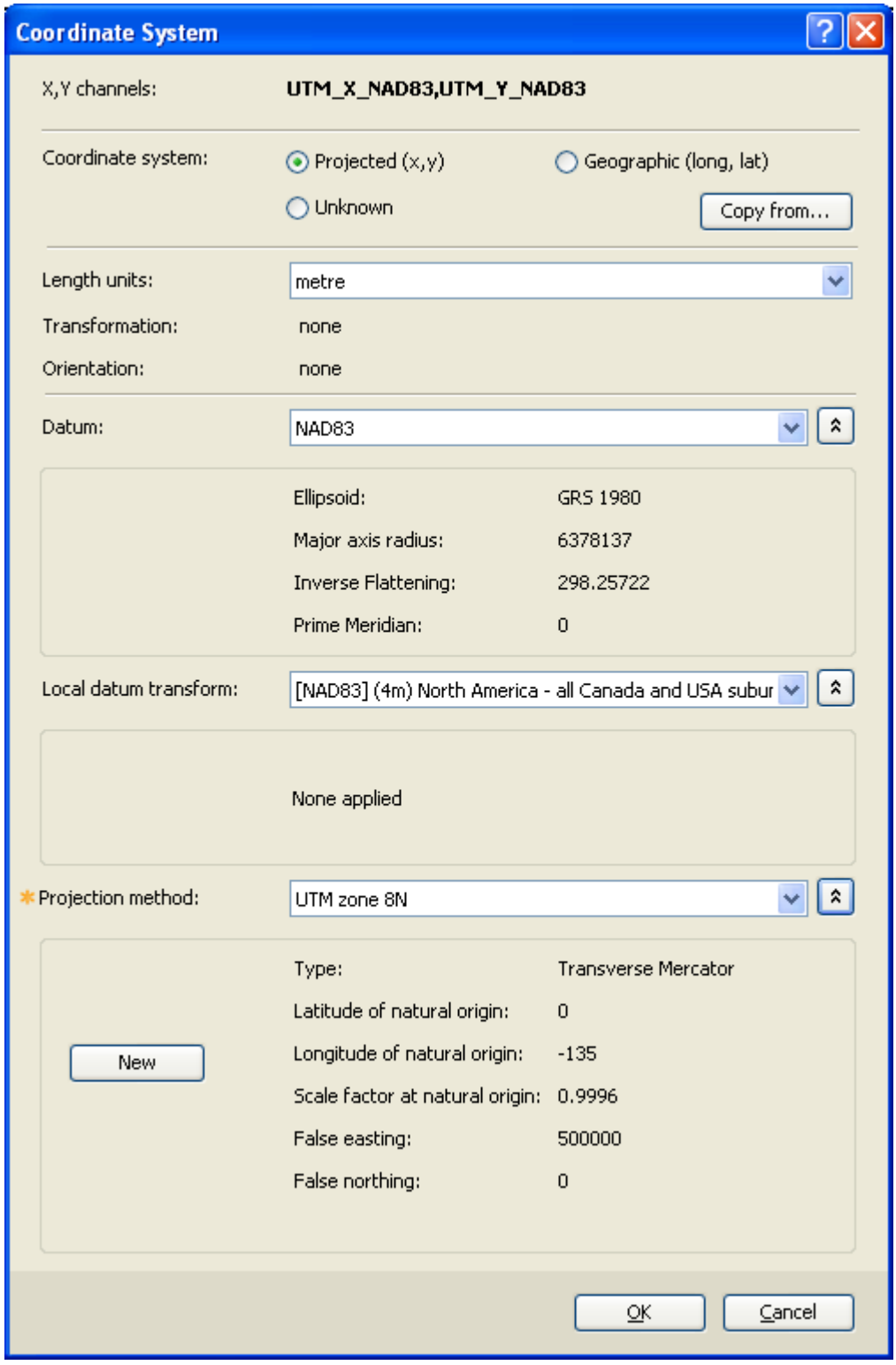
7.5.1 FLIGHT PATH CORRECTIONS

The navigational correction process yields a flight path expressed in WGS84, World and transformed to correspond to NAD83 UTM ZONE 7N, and ZONE 8N North America.

The following projection parameters were used for Mint, Nikki, Corky, and Meloy:



The following projection parameters were used for King and Mars:



All 1.0 Hz GPS records were linearly interpolated and resampled at 10 Hz (0.1 sec) intervals.

7.5.2 DIGITAL TERRAIN MODEL (DTM)

The DTM data were produced by first adjusting the GPS sensor height to that of the radar altimeter height (lowering GPS height by 2.1m). Next the radar altimeter channel (in meters) was subtracted from the GPS height data producing a raw DTM channel.

Due to changing satellite positions (constellation configuration) and varying atmospheric conditions, the receiver may measure slightly varying GPS heights line-to-line. In addition, due to rugged topography, the radar altimeter measures inaccurately when the helicopter is pitched forward position (example: approach a steep hill), as the radar beam would be directed away or down the slope. Because of these inherent errors, the raw DTM channel required leveling.

It was decided to apply a microlevelling technique to the raw DTM data developed by Paterson, Grant & Watson Limited and available through Geosoft Oasis montaj as miclev.GX extension (see Appendix F for full description of the procedure).

The following key microlevelling parameters were used:

Table 7.1 DTM microlevelling parameters per block

Block Name	Line Spacing (m)	Line Direction (deg.)	Grid Cell Size (m)	Decorrugation Cutoff (m)	Amplitude Limit (m)	Amplitude Limit Mode	Naudy Filter Limit
Mint	100	90	10	400	11.4	clip	0
Nikki	100	90	10	400	30.0	clip	0
Corky	100	90	10	400	3.97	clip	500
Meloy	100	0	10	400	8.8	clip	0
King	100	90	10	400	3.6	clip	0
Mars	100	132	10	400	7.0	clip	0

The final DTM data were stored under DTM channel name.

7.5.3 MAGNETIC CORRECTIONS

First the 50 Hz aeromagnetic data from Cesium 3 and fluxgate magnetometers were filtered with a 51 cosine anti-aliasing algorithm and re-sampled at 10 Hz. Then the magnetic data from the Cesium 3 magnetometer was compensated for permanent, induced, and eddy current magnetic noise generated by the aircraft using data from the fluxgate magnetometer. The compensated magnetic data were then stored in the MAG_COMP channel.

7.5.3.1 DIURNAL CORRECTIONS

The compensated magnetic data were adjusted to account for diurnal variations. When the magnetic variations recorded at the base station recognized to be caused by man-made sources, (such as equipment, vehicles passing by the sensor), they were removed and gaps interpolated.

Diurnal variations recorded by the base station were filtered with a 101-point low pass filter. The filtered data was then subtracted directly from the aeromagnetic measurements to provide a first order diurnal correction.

After base station removal, the total magnetic field values become very small. To bring the total magnetic measurements back to 'normal' values, project averages from the base station readings were added back to the magnetic data.

Table 7.2 Base Station project averages per block

Block Name	Average Readings (nT)
Mint	56316.36
Nikki	56293.73
Corky	56664.12
Meloy	56661.30
King	57363.36
Mars	57326.92

The resulting base station corrected data were stored in the MAG_DIURNAL_CORR channel.

7.5.3.2 LAG CORRECTIONS

There are two potential types of Lag offsets when collecting airborne data: time lag and distance lag.

NSG insures that there is no time lag in the data acquisition system by recording unique markers every 1-second based on the GPS time stamp (associated with the

EXACT change in GPS positioning). This information is used to realign (if necessary) the individual data records.

The distance lag is determined by dividing the distance from the GPS antenna to the sensor head by the averaged sample rate distance.

Table 7.3 Lag corrections

Block Name	Horizontal Distance From GPS Antenna to Sensor Head (m)	Average Sample Interval (m)	Lag Applied to Magnetic Data (records)
Mint	9.2	2.2	-4
Nikki	9.2	2.1	-4
Corky	9.2	2.2	-4
Meloy	9.2	1.9	-4
King	9.2	3.0	-3
Mars	9.2	2.9	-3

The lag corrections were applied to the MAG_DIURNAL_CORR channel and stored in the MAG_LAG_CORR channel.

7.5.3.3 HEADING CORRECTIONS

Optically pumped magnetic sensors have an inherent heading error, typically 1 to 2 nT peak-to-peak, as the sensor is rotated through 360 degrees. On flight line directions of the opposite heading, the affect is reasonably predictable.

Three heading test flights were flown at magnetically quite area at 10,000+ ft above sea level altitude on August 13th, 2010 (one) and August 15th, 2010 (two) with the following results:

Table 7.4 Heading Test flight results: August 13th, 2010

Direction (deg.)	Mean on line (nT)	Mean in direction (nT)	Mean on heading (nT)	Error (nT)
360				-4.64
0	57067.72	57067.43	57062.78	-4.64
0	57067.13			
180	57058.52	57058.14		4.64
180	57057.76			
90	57054.26	57054.22	57056.40	2.18
90	57054.17			
270	57058.32	57058.59		-2.19
270	57058.85			

Table 7.5 Heading Test flight results: August 15th, 2010 (N-S and E-W directions)

Direction (deg.)	Mean on line (nT)	Mean in direction (nT)	Mean on heading (nT)	Error (nT)
360				-4.60
0	57198.68	57198.60	57194.00	-4.60
0	57198.52			
180	57189.39	57189.41		4.60
180	57189.42			
90	57198.5	57200.04	57201.38	1.34
90	57201.58			
270	57201.86	57202.72		-1.34
270	57203.58			

Table 7.6 Heading Test flight results: August 15th, 2010 (42-132 deg. and 222-312 deg. dir.)

Direction (deg.)	Mean on line (nT)	Mean in direction (nT)	Mean on heading (nT)	Error (nT)
0				-3.33
42	57198.04	57197.12	57194.73	-2.39
42	57196.2			
222	57193.6	57192.34		2.39
222	57191.08			
132	57220.9	57217.54	57221.96	4.42
132	57214.18			
312	57228.03	57226.37		-4.41
312	57224.71			

The following heading corrections tables were constructed and applied to the data set:

Nikki, Mint, Corky and **Meloy** blocks:

/ Geosoft Heading Correction Table
/= Direction:real:i
/= Correction:real
/ Direction Correction
0 -4.64
90 2.18
180 4.64
270 -2.19
360 -4.64

King block:

/ Geosoft Heading Correction Table
/= Direction:real:i
/= Correction:real
/ Direction Correction
0 -4.60
90 1.34
180 4.60
270 -1.34
360 -4.60

Mars block:

```
/ Geosoft Heading Correction Table
/=   Direction:real:i
/=   Correction:real
/      Direction   Correction
      42      -2.39
      132     4.42
      222    2.39
      312    -4.42
      360    -3.33
```

The heading corrected magnetic data were stored in MAG_HEADING_CORR channel.

7.5.3.4 IGRF CORRECTIONS

The total field strength of the International Geomagnetic Reference Field (IGRF, 2010 model) was calculated for every data point, based on the spot values of Latitude, Longitude and altitude. This IGRF was removed from the measured survey data on a point-by-point basis from the lag corrected channel.

After IGRF correction the total magnetic field values become negative. To bring the total magnetic measurements back to 'normal' values an average of IGRF values based on the whole project were added back to the magnetic data.

Table 7.7 IGRF averages per block

Block Name	Average Readings (nT)
Mint	56840.8
Nikki	56896.1
Corky	56884.2
Meloy	57033.5
King	57314.1
Mars	57346.2

The IGRF corrections were applied to the MAG_HEADING_CORR channel and stored in the MAG_IGRF_CORR channel.

7.5.3.5 LEVELING CORRECTIONS

After the data were corrected for IGRF, a survey traverse/control line intercepts array/matrix (i.e., Simple Leveling) was created for determining differences in magnetic field at the intersection points. Somewhat rugged terrain of the survey blocks, which resulted in some line-to-line difference in altitude, and relatively strong magnetic anomalies made magnetic signal at some Traverse/Control line intersection points quite different. As a result, some of those intersection points needed to be manually adjusted in order to reduce line-to-line magnetic differences.

The resulting simple leveled magnetic data were stored in MAG_SIMPLE_LVL channel.

Further it was decided to apply microlevelling techniques to the conventionally leveled magnetic data for Mint, Meloy and Mars blocks only (see Appendix F for full description of the procedure).

The following key parameters were used:

Table 7.8 Total Magnetic Intensity (TMI) microlevelling parameters

Block Name	Line Spacing (m)	Line Direction (deg.)	Grid Cell Size (m)	Decorrugation Cutoff (m)	Amplitude Limit (nT)	Amplitude Limit Mode	Naudy Filter Limit
Mint	100	90	10	400	43.0	clip	100
Meloy	100	0	10	400	8.0	clip	100
Mars	100	132	10	400	32.0	clip	100

The resulting microleveled channels for Mint, Meloy and Mars blocks were stored in MAG_MICLEV channel.

The final Total Magnetic Intensity (TMI) data were stored in TMI_FINAL channel. Note, for the Mint, Meloy and Mars blocks, TMI_FINAL is copied directly from MAG_MICLEV channel; for the Nikki, Corky and King blocks, TMI_FINAL is copied directly from MAG_SIMPLE_LVL channel.

7.5.4 VERTICAL DERIVATIVE

A 1-st Order Vertical Derivative (VDV) data were calculated using 2D FFT2 algorithm based on final TMI grids. The resulting VDV grids were then sampled back to the database.

The VDV data were stored under VDV channel.

7.5.5 GRIDDING

All the magnetic (TMI & VDV) and DTM grids were produced from the corresponding TMI_FINAL, VDV and DTM channels.

The data were gridded using a bi-directional line gridding method with a grid cell size of 15 meters, Akima interpolation method for across and down line spline and trend angles perpendicular to those of traverse line directions.

7.5.6 RADIOMETRIC DATA CORRECTIONS

7.5.6.1 LIVE TIME CORRECTIONS

The spectrometer uses the notion of "live time" to express the relative period of time the instrument was able to register new pulses per sample interval.

The live time correction is applied to the total count, potassium, uranium, thorium and upward uranium channels.

The formula used to apply the correction is as follows:

$$C_{LT} = C_{raw} \times \left(\frac{1000}{LT} \right)$$

Where:

- C_{LT} is the live time corrected channel
- C_{raw} is the raw channel
- LT is the Live Time channel

7.5.6.2 PRE-FILTERING

The cosmic channel data were processed with a 15-point low pass filter to remove spikes.

The radar altimeter channel while recorded at 50Hz was filtered with 21-point COSINE filter and then sampled to 1Hz.

7.5.6.3 AIRCRAFT AND COSMIC BACKGROUND

Aircraft background and cosmic stripping corrections (see section 6.3.2) were applied to the live corrected total count, potassium, uranium, thorium and upward uranium channels using the following formula:

$$C_{ac} = C_{LT} - \left(ac + bc \times cof \right)$$

Where:

- C_{ac} is the background and cosmic corrected channel
- C_{LT} is the live time corrected channel
- ac is the aircraft background for this channel
- bc is the cosmic stripping coefficient for this channel
- cof is the filtered cosmic channel

All negative counts after this correction step were replaced with zeroes.

7.5.6.4 RADON CORRECTION

No Radon corrections were applied to the data.

7.5.6.5 COMPTON STRIPPING

Following the background and cosmic corrections the potassium, uranium and thorium were corrected for spectral overlap (see section 6.2). First the stripping ratios α, β, and χ were modified according to altitude. Then an adjustment factor based on the reversed stripping ratio (a), uranium into thorium, was calculated.

$$\alpha h = \alpha + hef \times 0.00049$$
$$\beta h = \beta + hef \times 0.00065$$
$$\chi h = \chi + hef \times 0.00069$$

Where:

- α, β, χ are the Compton stripping coefficients
- $\alpha h, \beta h, \chi h$ are the height corrected Compton stripping coefficients
- hef is the height above ground in meters

The stripping corrections are then carried out using the following formulas:

$$ar = \frac{1}{1 - a\alpha h}$$

$$Th_c = (Th_{bc} - aU_{rc}) \times ar$$

$$U_c = (U_{rc} - Th_{bc}\alpha h) \times ar$$

$$K_c = K_{bc} - \beta h Th_c - \chi h U_c$$

Where:

- U_c, Th_c, and K_c are corrected Uranium, Thorium and Potassium
- $\alpha h, \beta h, \chi h$ are the height corrected Compton stripping coefficients
- U_{bc}, Th_{bc}, and K_{bc} are background and cosmic corrected Uranium, Thorium and Potassium
- ar is the backscatter correction
- a is the reverse stripping ratio U into Th

All negative counts after this correction step were replaced with zeroes.

7.5.6.6 EQUIVALENT HEIGHT AT STP

The following formula was used to calculate Equivalent Height at STP:

$$H_e = H \times \left(\frac{273.15}{T + 273.15} \right) \times \left(\frac{P}{1013.25} \right)$$

Where:

- H is the observed height
- H_e is the equivalent height at STP
- T is the temperature in degrees Celsius
- P is the barometric pressure in mbar.

7.5.6.7 ATTENUATION CORRECTIONS

The Total Count, Potassium, Uranium and Thorium data were then corrected to a nominal survey altitude of 35m (see section 6.4.1) using the following equation:

$$C_a = C \times e^{-\mu(h_0 - h_e)}$$

Where:

- C_a is the output altitude corrected channel
- C is the input channel
- μ is the attenuation correction for that channel
- h_e is the STP height
- h_0 is the nominal survey altitude

The altitude attenuation corrected data were then stored in U_CORR, Th_CORR, K_CORR and TC_CORR channels.

7.5.6.8 LEVELING OF ATTENUATION CORRECTED DATA

Microleveling techniques were applied to specific altitude attenuation corrected elements (i.e., some or all of K, Th, U and Total Count) on all of the survey blocks with the exception of Corky.

The following key parameters were used (see Appendix F for full description of the procedure).

Table 7.9 Uranium microlevelling parameters

Block Name	Line Spacing (m)	Line Direction (deg.)	Grid Cell Size (m)	Decorrugation Cutoff (m)	Amplitude Limit (nT)	Amplitude Limit Mode	Naudy Filter Limit
Mint	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nikki	100	90	20	400	1.3	clip	100
Corky	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Meloy	100	0	20	400	2.2	clip	100
King	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mars	100	132	20	400	1.7	clip	0

Table 7.10 Thorium microlevelling parameters

Block Name	Line Spacing (m)	Line Direction (deg.)	Grid Cell Size (m)	Decorrugation Cutoff (m)	Amplitude Limit (nT)	Amplitude Limit Mode	Naudy Filter Limit
Mint	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nikki	100	90	20	400	1.2	clip	100
Corky	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Meloy	100	0	20	400	2.6	clip	100
King	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mars	100	132	20	400	7.0	clip	0

Table 7.11 Potassium microlevelling parameters

Block Name	Line Spacing (m)	Line Direction (deg.)	Grid Cell Size (m)	Decorrugation Cutoff (m)	Amplitude Limit (nT)	Amplitude Limit Mode	Naudy Filter Limit
Mint	100	90	20	400	8.2	clip	0
Nikki	100	90	20	400	10.4	clip	100
Corky	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Meloy	100	0	20	400	21.0	clip	100
King	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mars	100	132	20	400	13.0	clip	0

Table 7.12 Total Count microlevelling parameters

Block Name	Line Spacing (m)	Line Direction (deg.)	Grid Cell Size (m)	Decorrugation Cutoff (m)	Amplitude Limit (nT)	Amplitude Limit Mode	Naudy Filter Limit
Mint	100	90	20	400	23.7	clip	0
Nikki	100	90	20	400	100.0	clip	0
Corky	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Meloy	100	0	20	400	180.0	clip	0
King	100	90	20	400	35.7	clip	0
Mars	100	132	20	400	150.0	clip	0

The resulting microleveled altitude attenuation corrected line data were then stored in the final U_FINAL_CORR, Th_FINAL_CORR, K_FINAL_CORR and TC_FINAL_CORR channels. Note, in the instances where no microlevelling was applied, the data in the final channels were copied directly from U_ CORR, Th_ CORR, K _CORR and TC _CORR.

7.5.6.9 CONVERSION TO APPARENT RADIOELEMNT CONCENTRATIONS

The next step is to convert the corrected potassium (K_FINAL_CORR channel), uranium (U_FINAL_CORR channel) and thorium (Th_FINAL_CORR channel) to apparent radioelement concentrations (see section 6.6) using the following formula:

$$eE = C_{cor} / s$$

Where:

- eE is the element concentration $K_{\%}$ and equivalent element concentration of U_{ppm} & Th_{ppm}
- s is the experimentally determined sensitivity
- C_{cor} is the fully corrected channel

The resulting apparent concentration data were stored in K_Percent, eU and eTh channels.

Note: Determining of apparent radioelement concentrations were not part of the singed agreement. Such data are made available to the client as a courtesy.

7.5.6.10 AIR ABSORPTION DOSE RATE

Finally the natural air absorption dose rate was determined using the following formula:

$$E = 13.078 \times K_{\%} + 5.675 \times eU_{ppm} + 2.494 \times eTh_{ppm}$$

Where:

- E is the air absorption rate (nGy/h)
- $K_{\%}$ is the concentration of potassium (%)
- eU_{ppm} is the equivalent concentration of potassium (ppm)
- eTh_{ppm} is the equivalent concentration of potassium (ppm)

The resulting natural air absorption rate data were stored in E channel.

Note: Determining of the absorption rate was not part of the singed agreement. Such data are made available to the client as a courtesy.

A detailed description of how most of the procedures, formulae and constants were determined could be found in:

I.A.E.A. *Report, Airborne Gamma Ray Spectrometer Surveying*, Technical Report Series No. 323, 1991.
and
I.A.E.A *Guidelines for Radioelement Mapping Using Gamma Ray Spectrometry Data*, Technical Document No. 1363, 2003.

7.5.6.11 GRIDDING

All the radiometric grids are in counts/sec units and were produced from U_FINAL_CORR, Th_FINAL_CORR, K_FINAL_CORR and TC_FINAL_CORR channels.

The data were gridded using a bi-directional line gridding method with a grid cell size of 25 meters, Akima interpolation method for across and down line spline and trend angles perpendicular to those of traverse line directions.

7.5.6.12 TERNARY MAP

The radioelement ternary map was produced by creating individual grids for each of the three radioelements (potassium, thorium and uranium), then assigning a specific colour to each. Cyan represents thorium, yellow uranium, and magenta potassium. The relative concentrations of the radioelements are represented by the blends of the three colours.

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8. MAP PRODUCTS AND DIGITAL DATA DELIVERABLES

The following is the list of items delivered to **STRATEGIC METALS Ltd.**

Hard Copy Maps for Nikki, Mint, Corky, Meloy, King and Mars Blocks @ 1:20,000 scale (x2):

- Maps of Total Magnetic Intensity
- Maps of 1st order Vertical Derivative
- Maps of Digital Terrain Model
- Maps of Ternary Image (Th, U and K)
- Maps of Potassium counts
- Maps of Thorium counts
- Maps of Uranium counts
- Maps of Total Count

Hard Copy Logistics Report (x2):

Digital Copy (DVD) Maps for Nikki, Mint, Corky, Meloy, King and Mars Blocks @ 1:20,000 scale (x2):

- Maps of Total Magnetic Intensity
- Maps of 1st order Vertical Derivative
- Maps of Digital Terrain Model
- Maps of Potassium counts
- Maps of Thorium counts
- Maps of Uranium counts
- Maps of Total Count
- Ternary Map of Th, U and K

Digital Copy Grids (DVD) for Nikki, Mint, Corky, Meloy, King and Mars Blocks (x2):

- Grids of Total Magnetic Intensity (nT)
- Grids of 1st order Vertical Derivative (nT/m)
- Grids of Digital Terrain Model (m above MSL)
- Grids of Potassium (counts/sec)
- Grids of Thorium (counts/sec)
- Grids of Uranium (counts/sec)
- Grids of Total Count (counts/sec)

Digital Copy (DVD) Databases for Nikki, Mint, Corky, Meloy, King and Mars Blocks (x2):

- Magnetics data databases: MAGNETIC_ *blockname* _BK.gdb (See Appendix C for details)
- Radiometric data database: RADIOMETRIC_ *blockname* _BK.gdb (See Appendix C for details)

Digital Copy (DVD) Logistics Report (x2):

Digital Copy (DVD) Weekly and Line Report (x2):

9. SUMMARY

This report describes the logistics of the survey, equipment used, field procedures, data acquisition and presentation of results.

The various maps included with this report display the magnetic and radiometric properties of the survey area. It is recommended that the survey results be reviewed in detail, in conjunction with all available geophysical, geological and geochemical information.

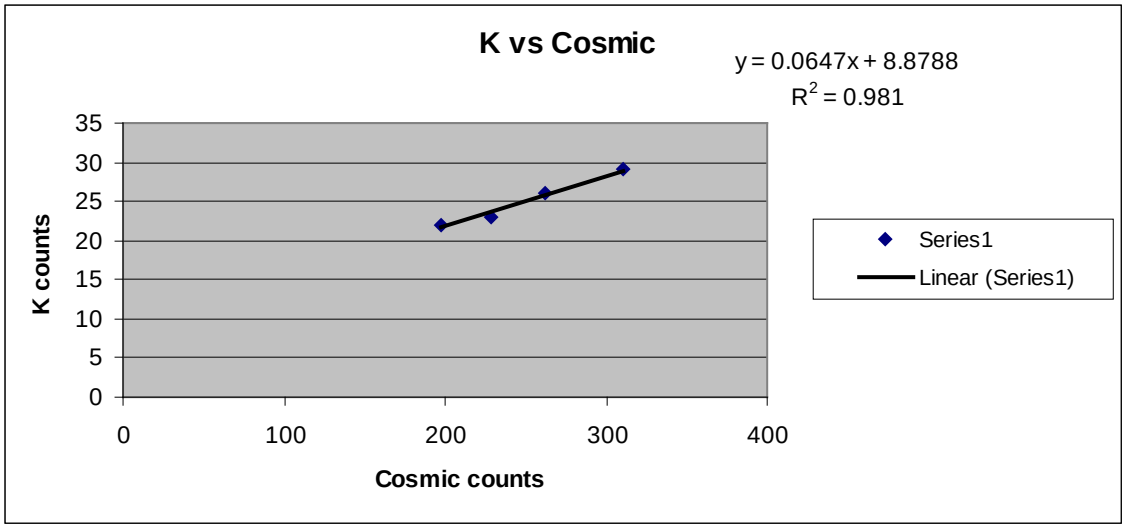
Further processing of the data may enhance subtle features that can be of importance for exploration purposes.

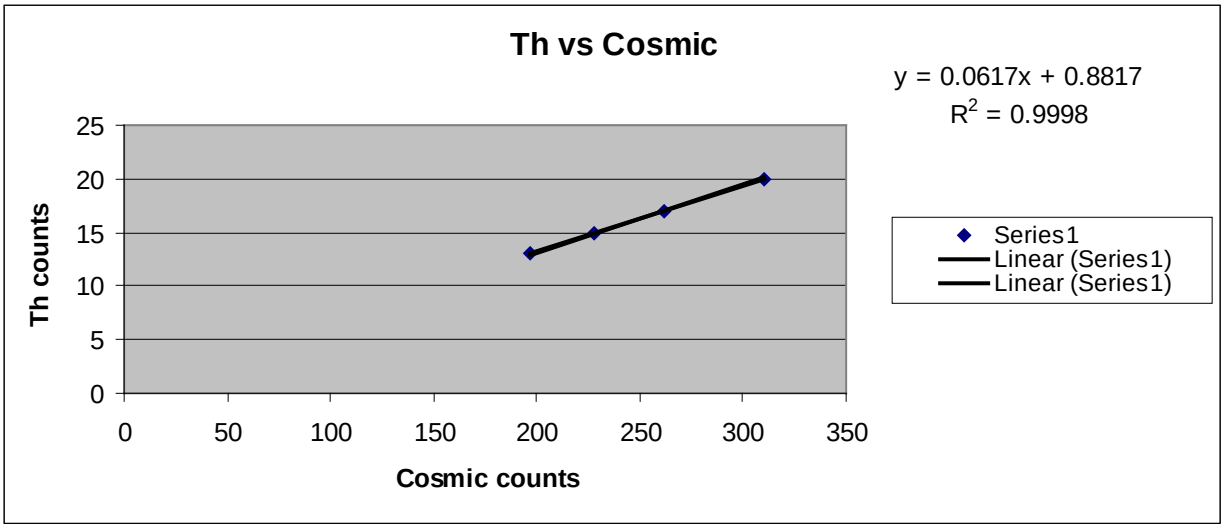
Respectfully submitted,

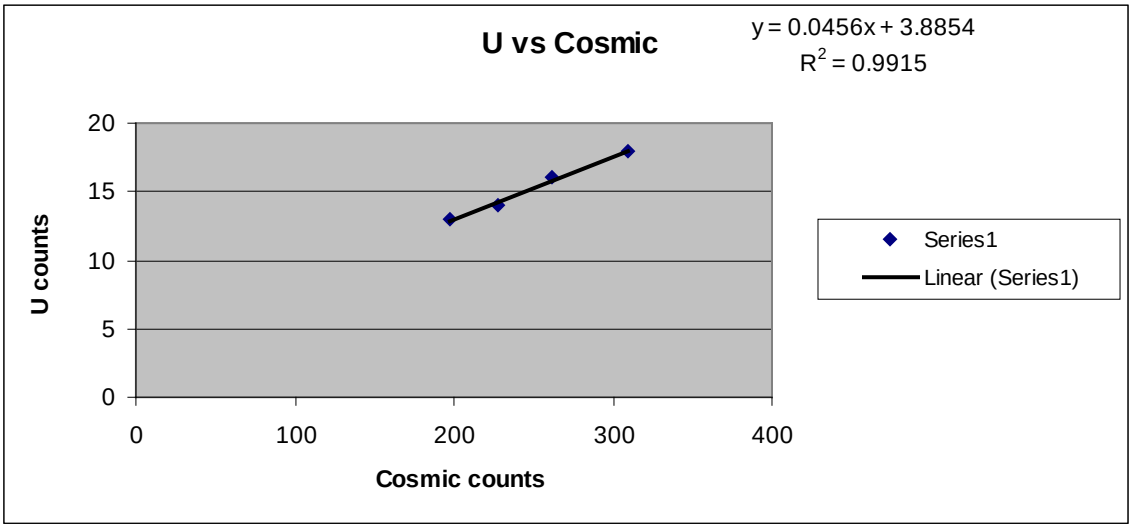
Andrei Yakovenko
New-Sense Geophysics Ltd.
Date: October 5th, 2010

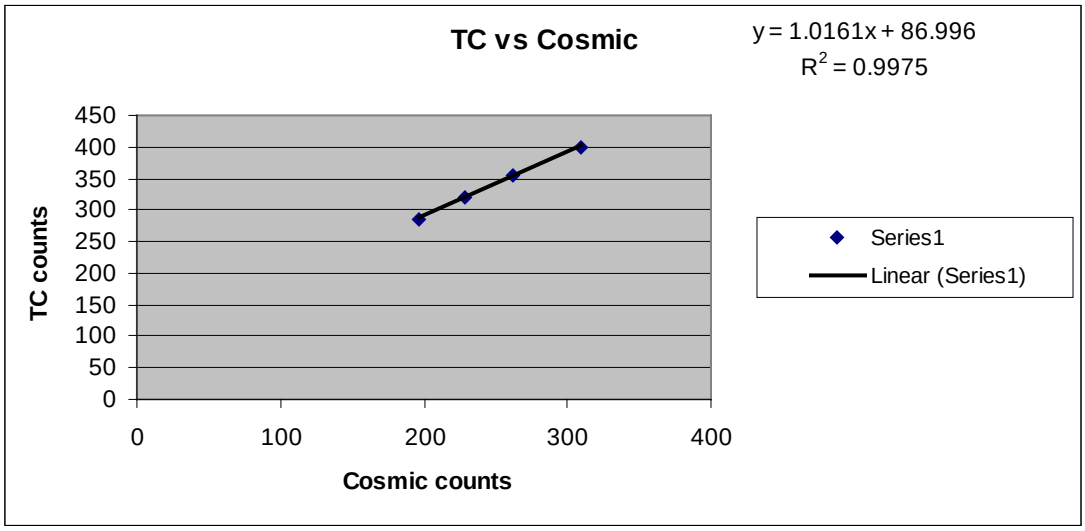
APPENDIX A: BACKGROUND AND COSMIC TESTS CHARTS

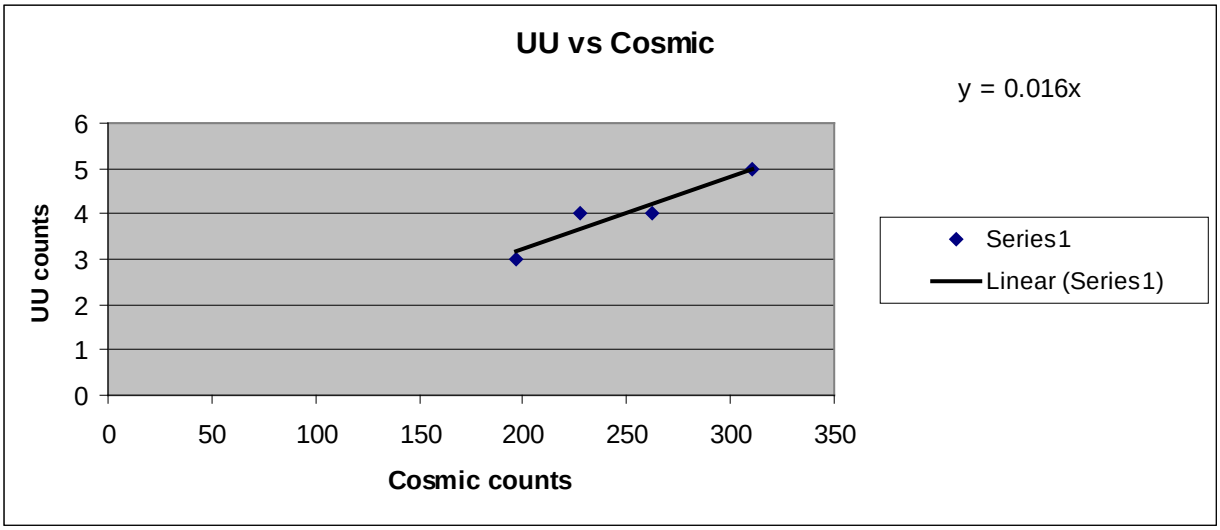
August 8, 2010



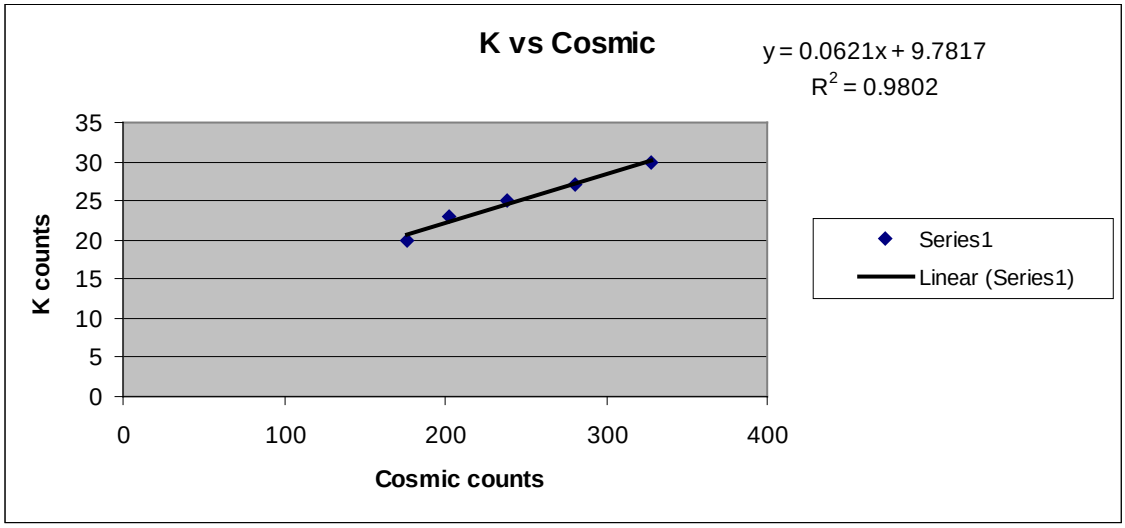


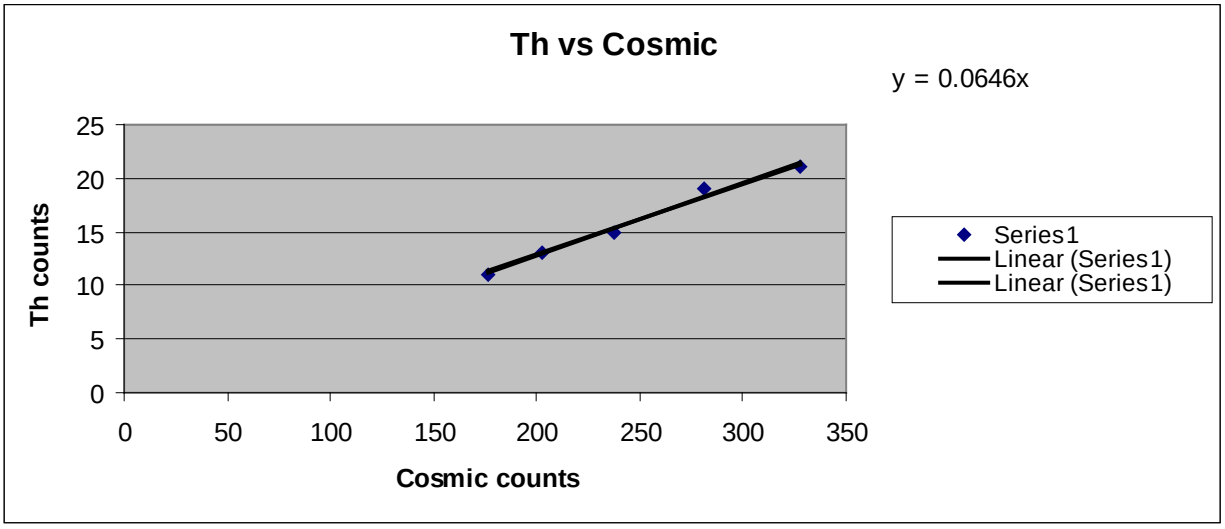

U vs Cosmic
y = 0.0456x + 3.8854
R2 = 0.9915
U counts
Cosmic counts
0
5
10
15
20
0
100
200
300
400
Series1
Linear (Series1)

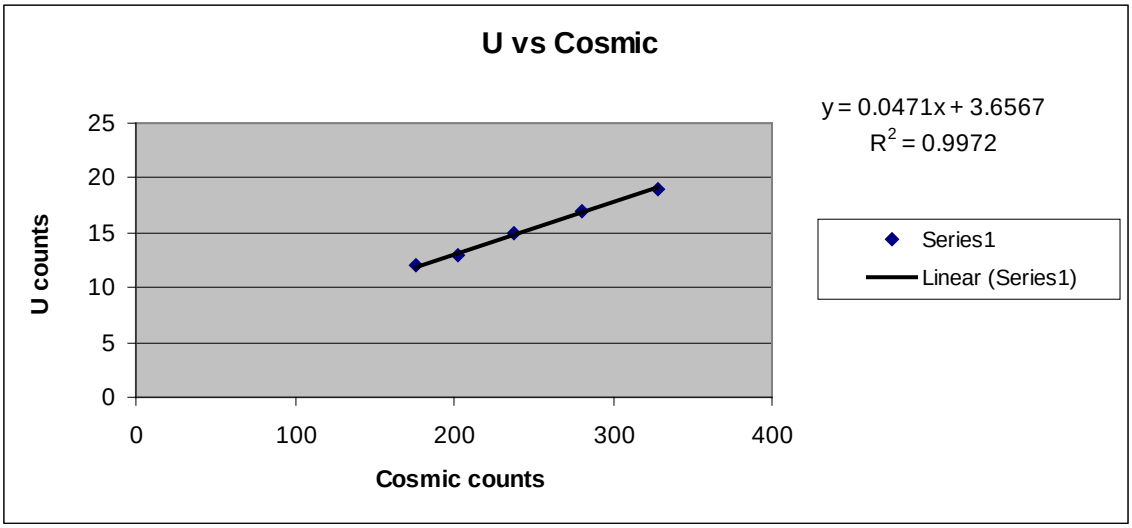

TC vs Cosmic
y = 1.0161x + 86.996
R2 = 0.9975
TC counts
Cosmic counts
0
50
100
150
200
250
300
350
400
450
0
100
200
300
400
Series1
Linear (Series1)

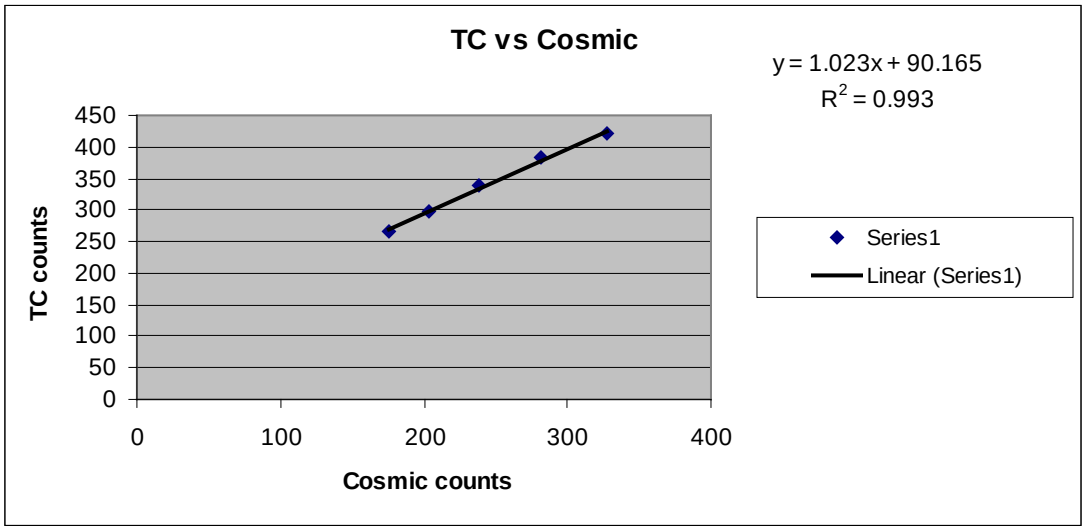

UU vs Cosmic
y = 0.016x
UU counts
Cosmic counts
0
1
2
3
4
5
6
0
50
100
150
200
250
300
350
Series1
Linear (Series1)

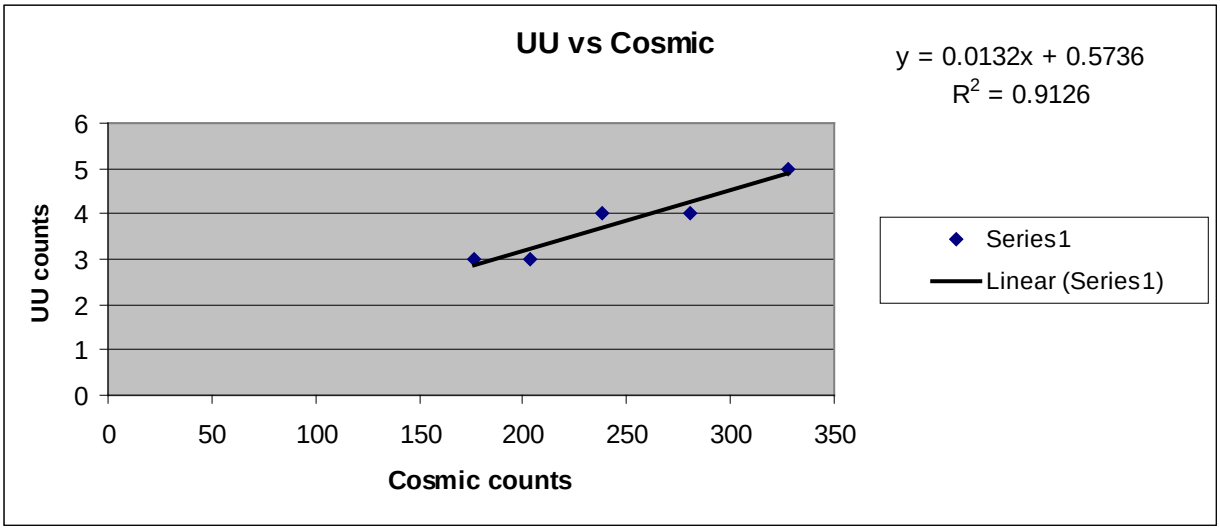
August 15, 2010





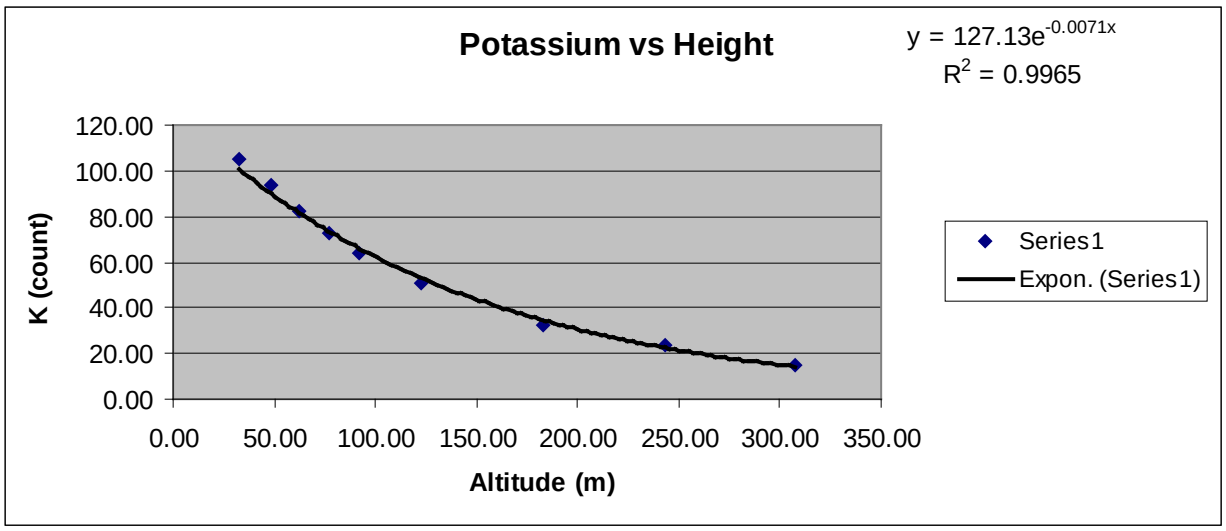

U vs Cosmic
y = 0.0471x + 3.6567
R2 = 0.9972
U counts
Cosmic counts
0
5
10
15
20
25
0
100
200
300
400
Series1
Linear (Series1)

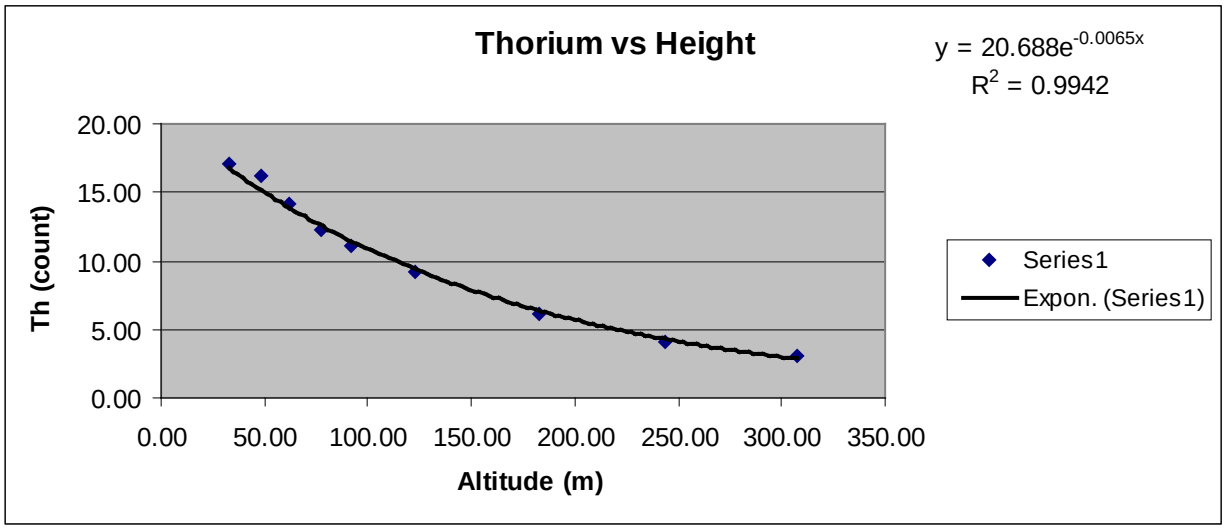

TC vs Cosmic
y = 1.023x + 90.165
R2 = 0.993
TC counts
Cosmic counts
0
50
100
150
200
250
300
350
400
450
0
100
200
300
400
Series1
Linear (Series1)

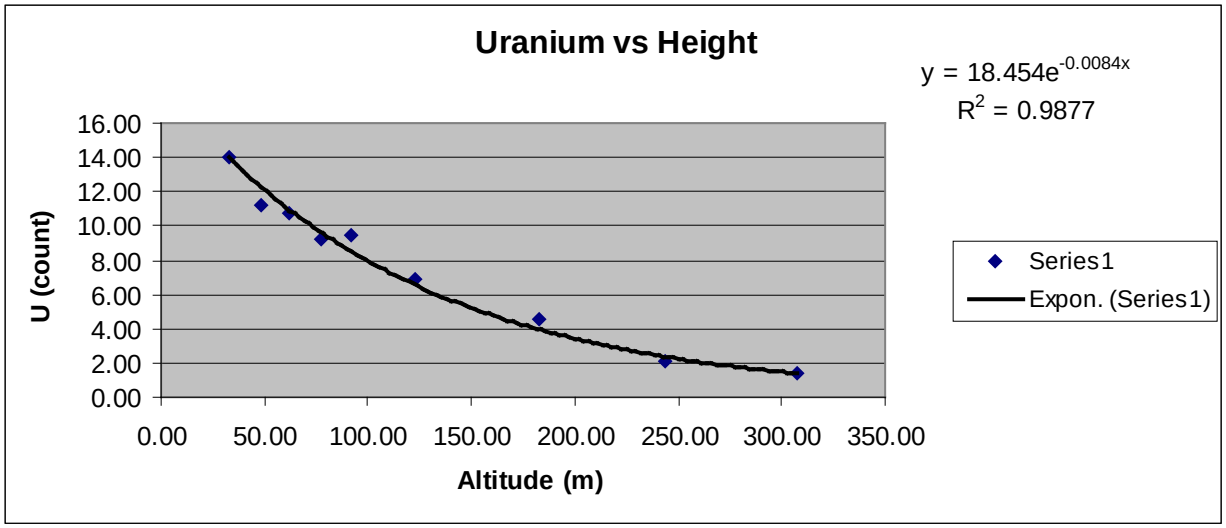

UU vs Cosmic
y = 0.0132x + 0.5736
R2 = 0.9126
UU counts
Cosmic counts
0
1
2
3
4
5
6
0
50
100
150
200
250
300
350
Series1
Linear (Series1)

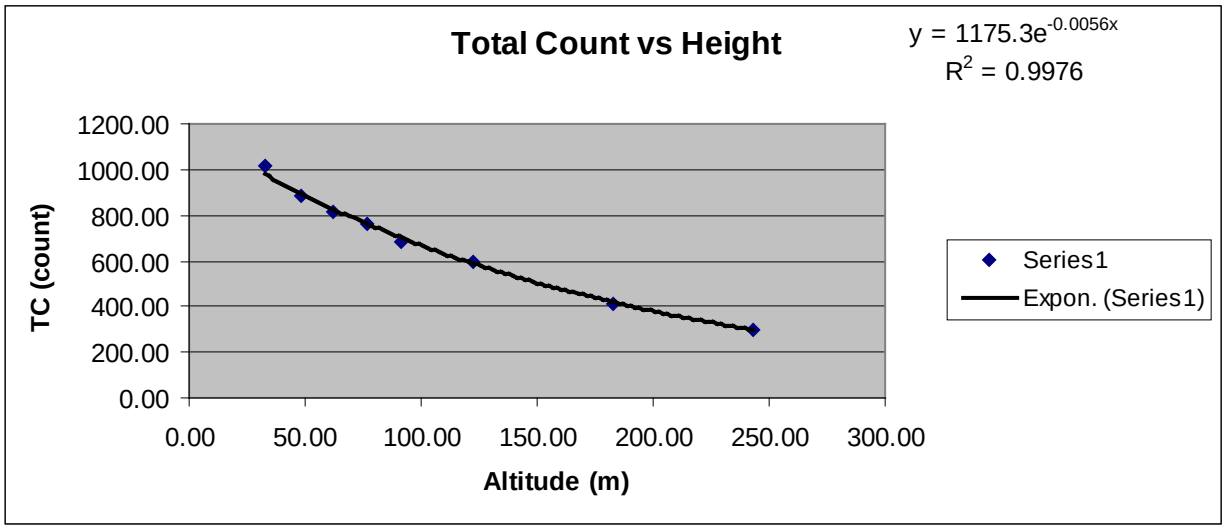
Height Attenuation Test Charts

August 8, 2010

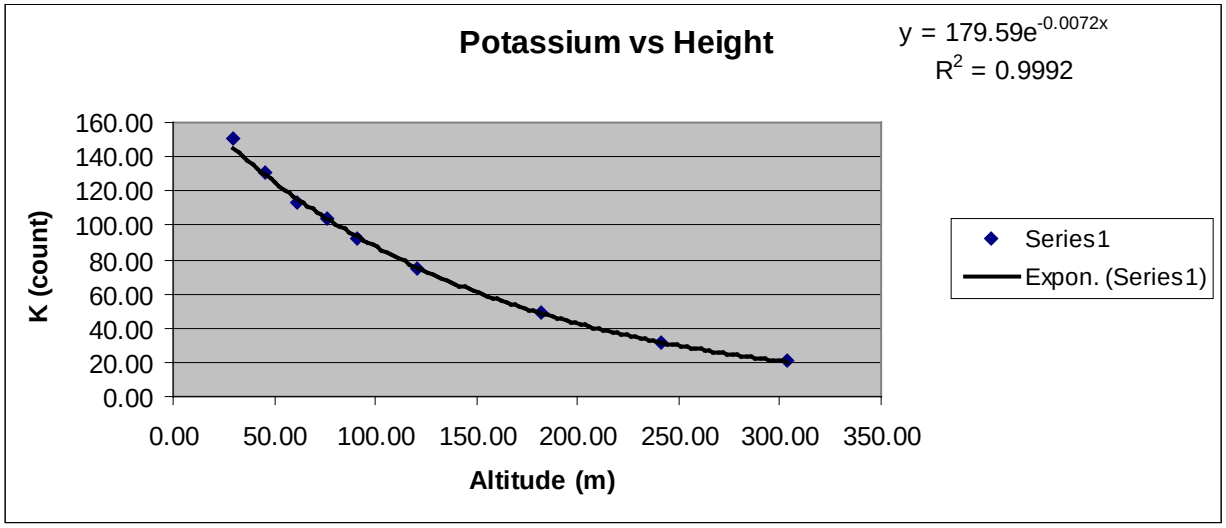


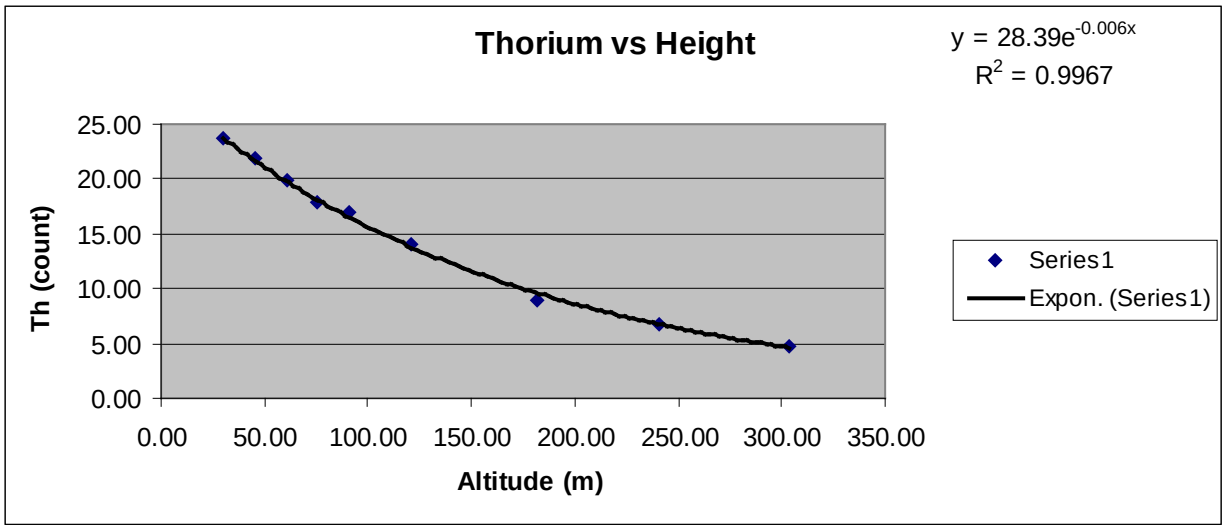


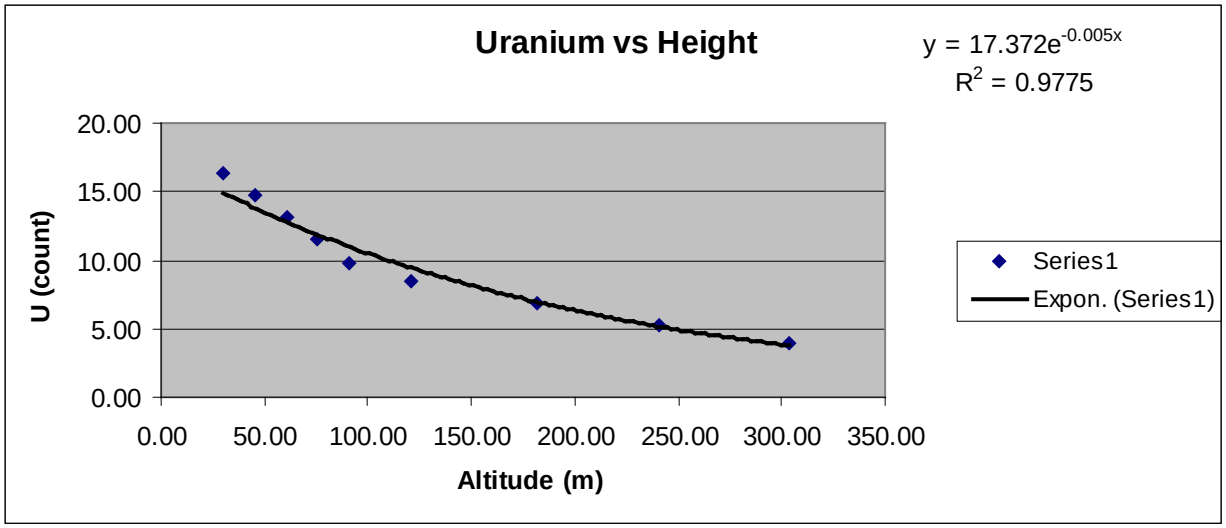

Uranium vs Height
y = 18.454e-0.0084x
R2 = 0.9877
U (count)
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
0.00
50.00
100.00
150.00
200.00
250.00
300.00
350.00
Altitude (m)
Series1
Expon. (Series1)

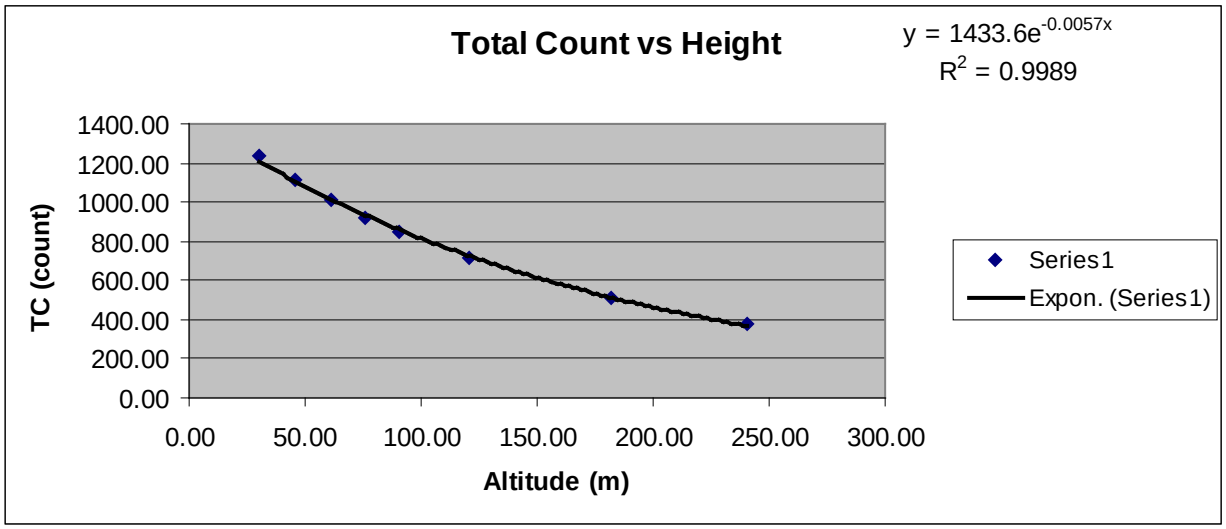

Total Count vs Height
y = 1175.3e-0.0056x
R2 = 0.9976
TC (count)
1200.00
1000.00
800.00
600.00
400.00
200.00
0.00
0.00
50.00
100.00
150.00
200.00
250.00
300.00
Altitude (m)
Series1
Expon. (Series1)

August 15, 2010



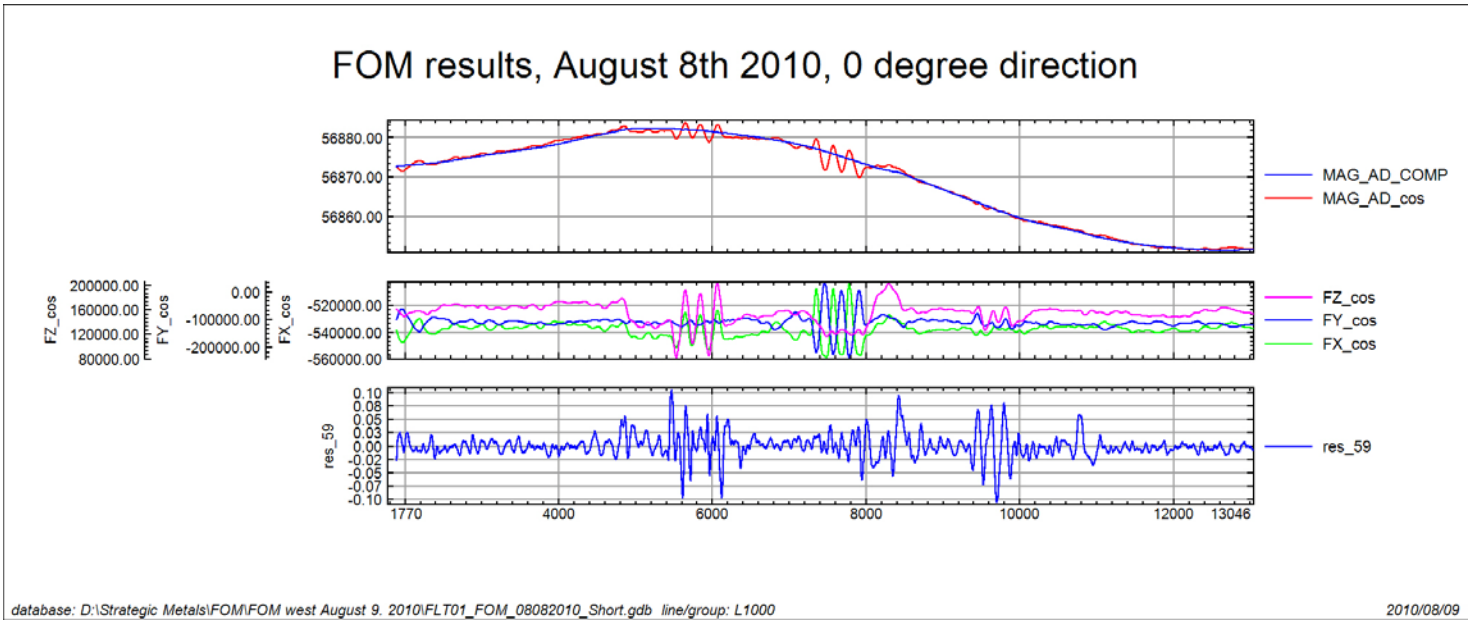


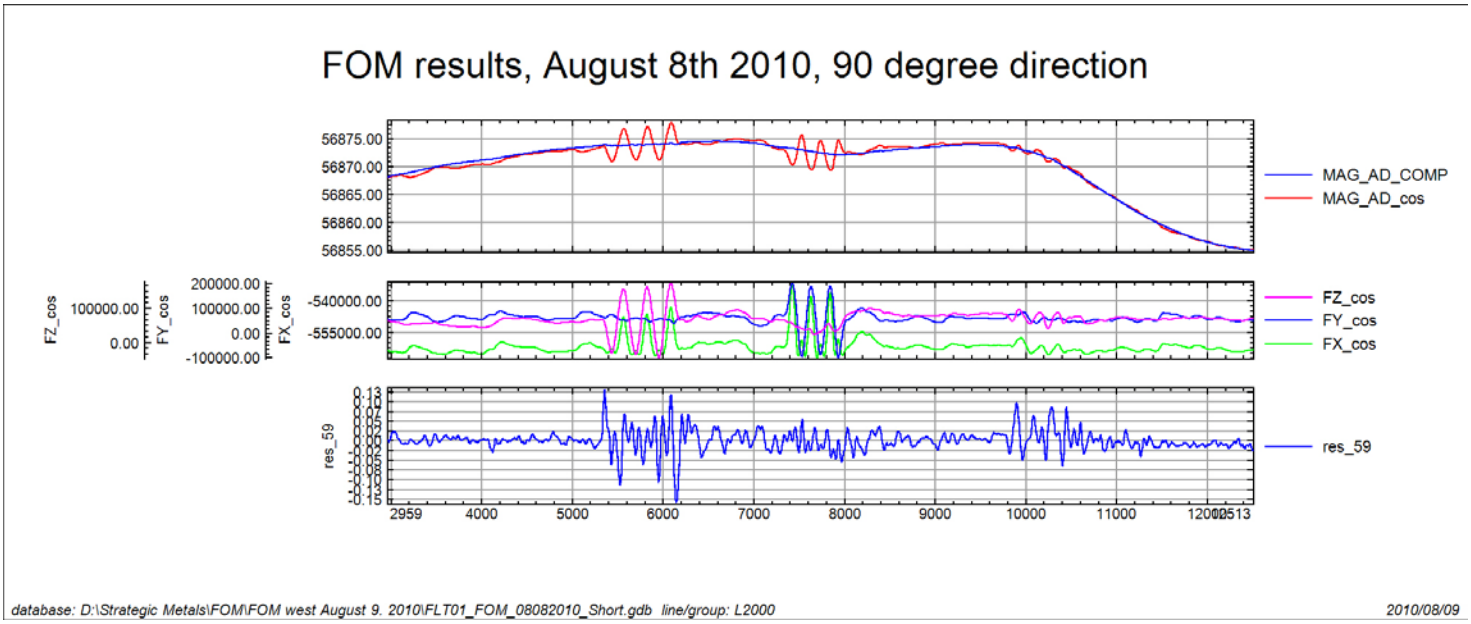

Uranium vs Height
y = 17.372e-0.005x
R2 = 0.9775
U (count)
20.00
15.00
10.00
5.00
0.00
0.00
50.00
100.00
150.00
200.00
250.00
300.00
350.00
Altitude (m)
Series1
Expon. (Series1)


Total Count vs Height
y = 1433.6e-0.0057x
R2 = 0.9989
TC (count)
1400.00
1200.00
1000.00
800.00
600.00
400.00
200.00
0.00
0.00
50.00
100.00
150.00
200.00
250.00
300.00
Altitude (m)
Series1
Expon. (Series1)

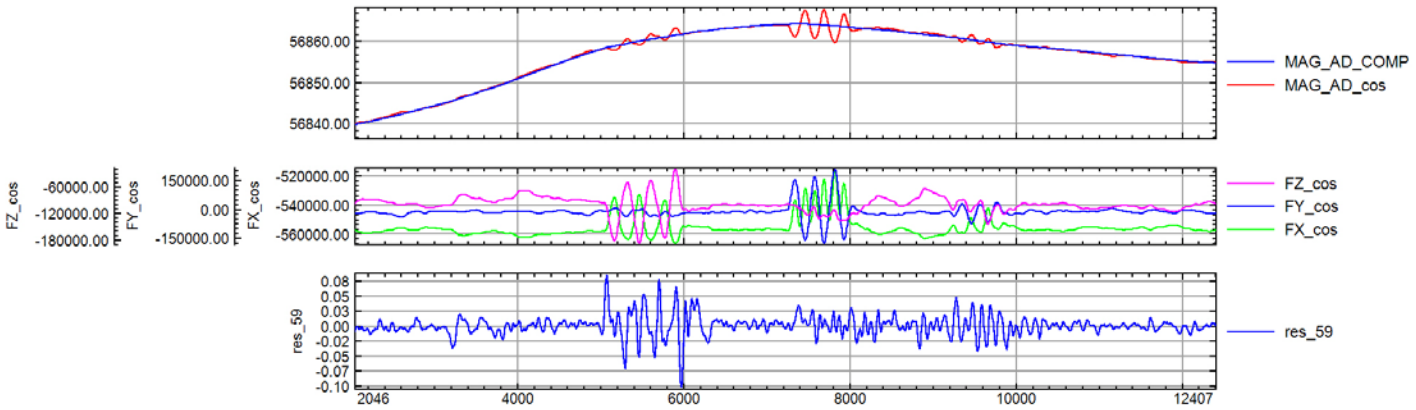
APPENDIX B: FOM RESULTS

Strategic Metals, Yukon, FOM result, August 8th, 2010					
line	**direction**	**pitch**	**roll**	**yaw**	**total**
1000	**0**	0.175	0.113	0.183	0.470
2000	**90**	0.275	0.075	0.150	0.500
3000	**180**	0.163	0.050	0.075	0.288
4000	**270**	0.200	0.075	0.135	0.410
	total	0.813	0.313	0.543	**1.668**



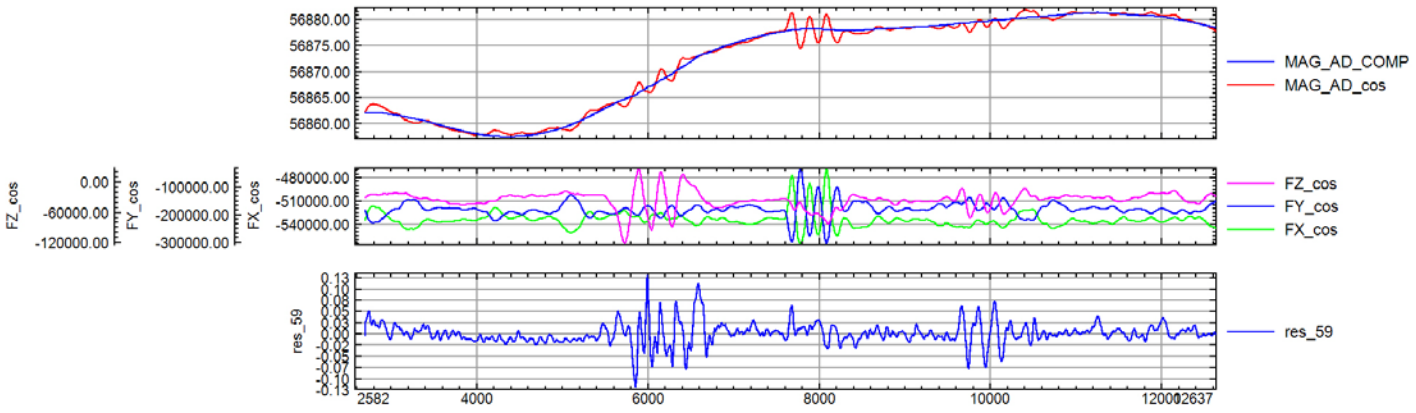


FOM results, August 8th 2010, 180 degree direction



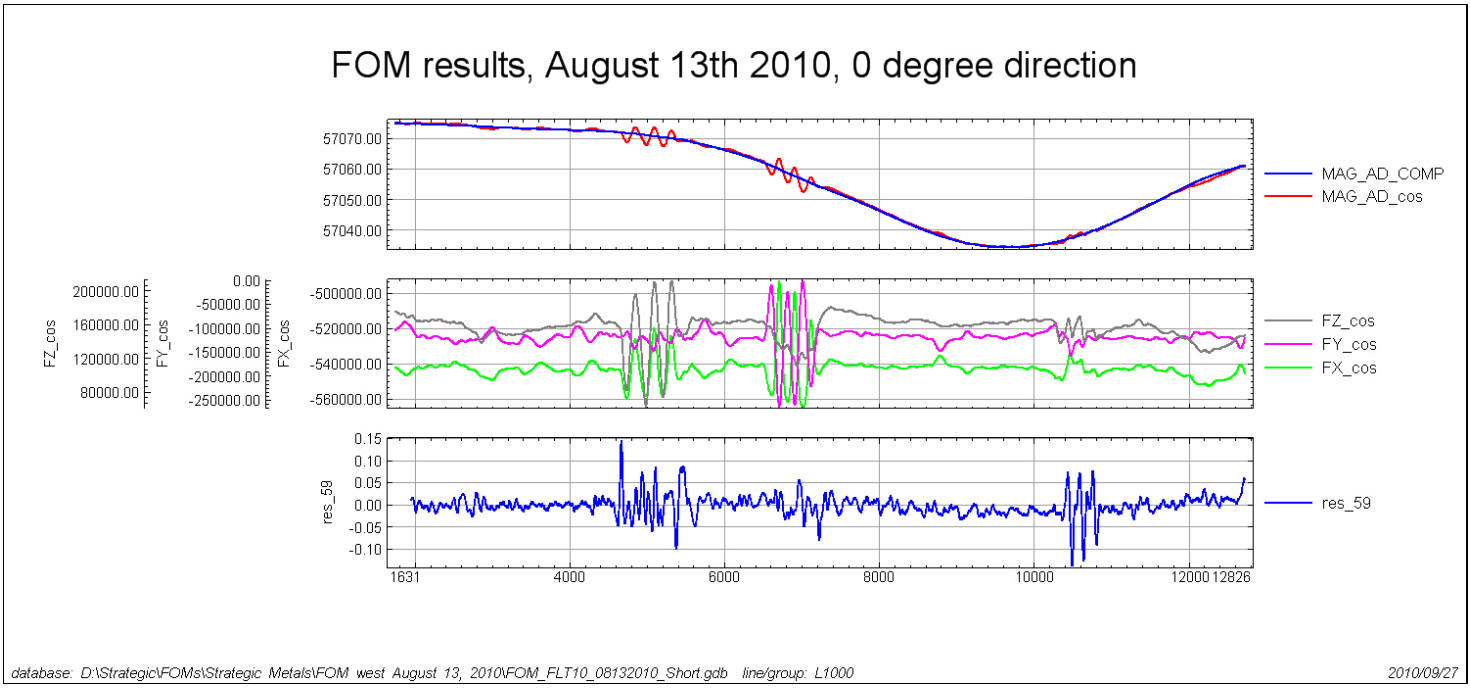
database: D:\Strategic Metals\FOM\FOM west August 9. 2010\FLT01_FOM_08082010_Short.gdb line/group: L3000 *2010/08/09*

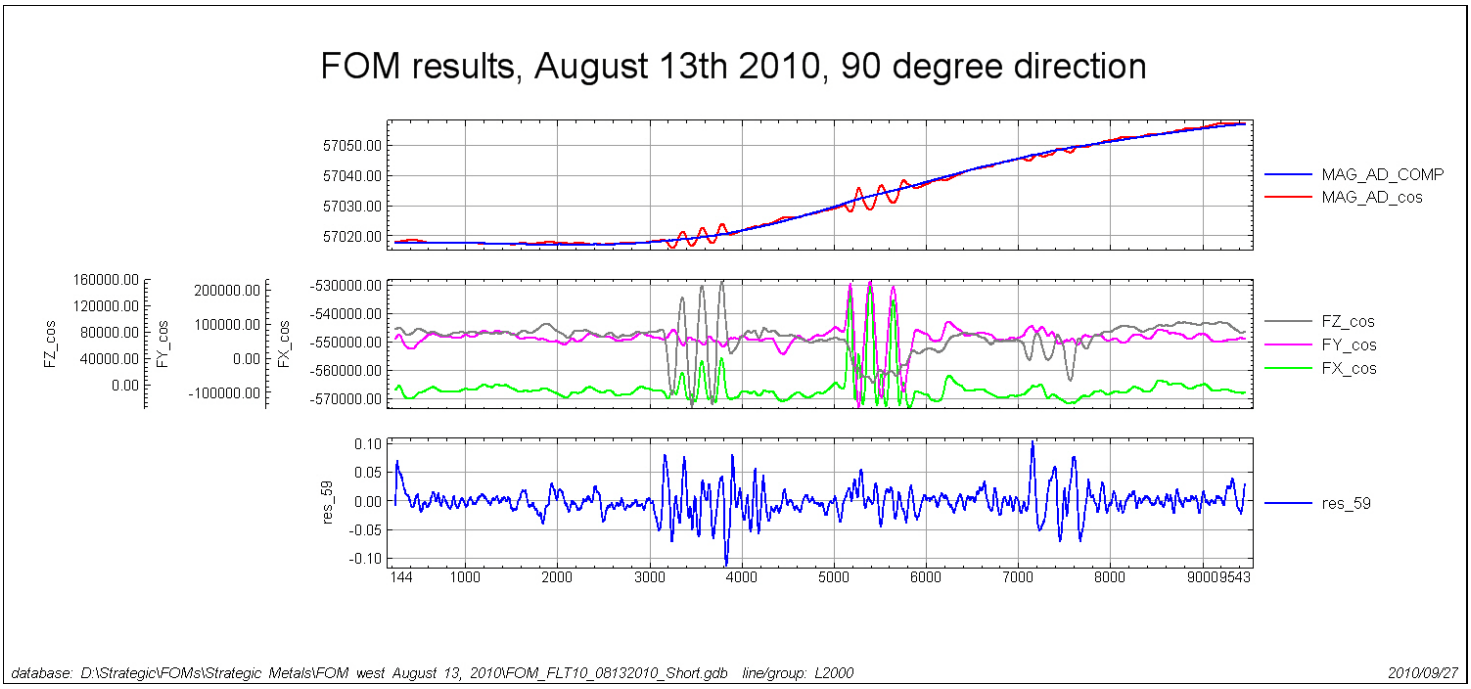
FOM results, August 8th 2010, 270 degree direction



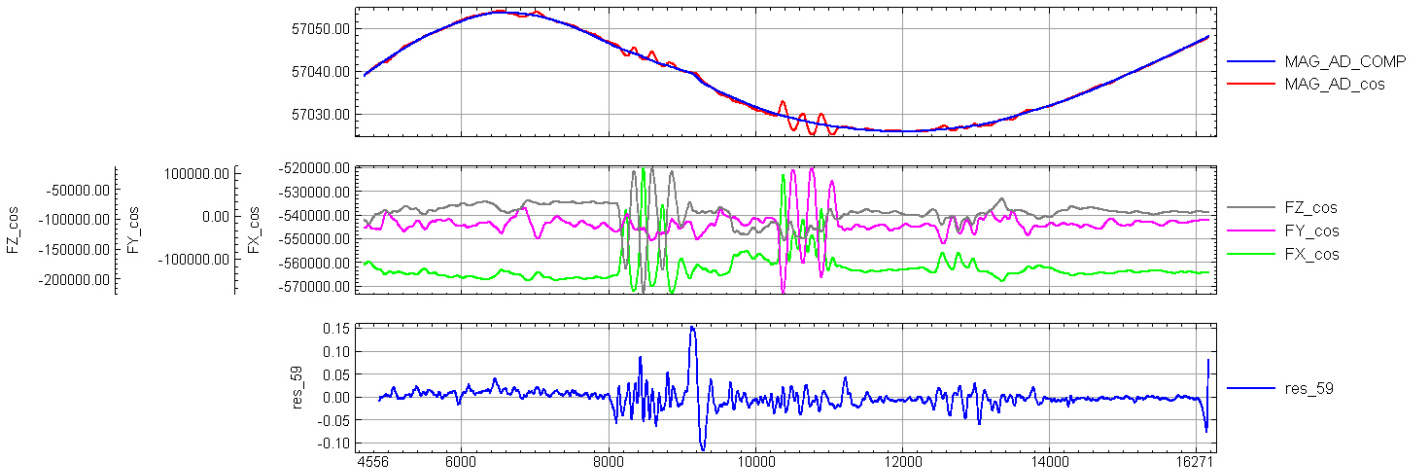
database: D:\Strategic Metals\FOM\FOM west August 9. 2010\FLT01_FOM_08082010_Short.gdb line/group: L4000 *2010/08/09*

Strategic Metals, Yukon, FOM result, August 13, 2010					
line	**direction**	**pitch**	**roll**	**yaw**	**total**
1000	**0**	0.200	0.105	0.200	0.505
2000	**90**	0.195	0.080	0.150	0.425
3000	**180**	0.140	0.060	0.085	0.285
4000	**270**	0.160	0.075	0.180	0.415
	total	0.695	0.320	0.615	**1.630**



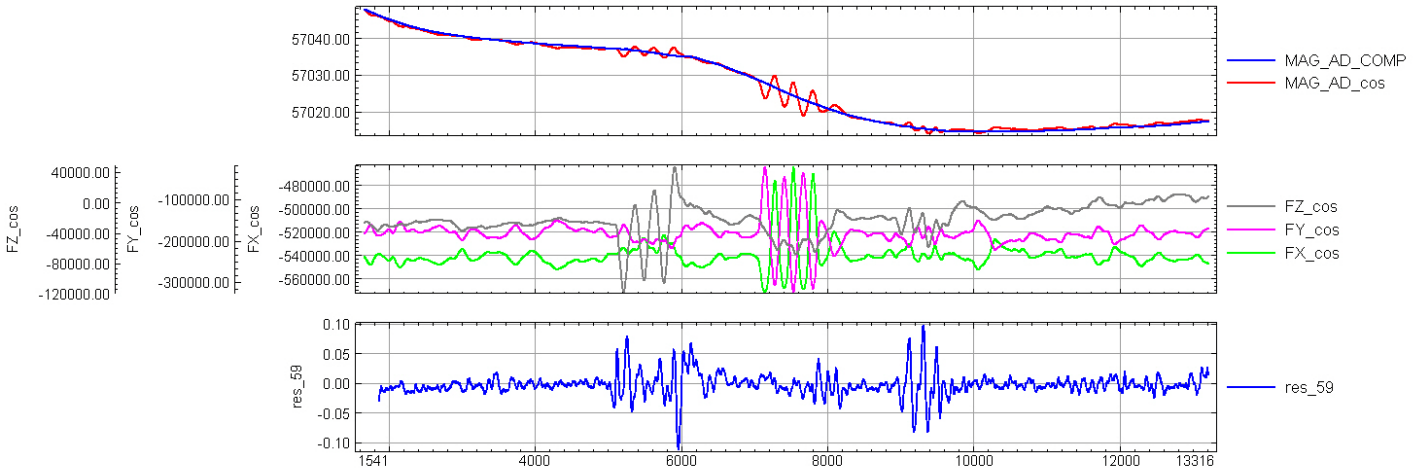


FOM results, August 13th 2010, 180 degree direction



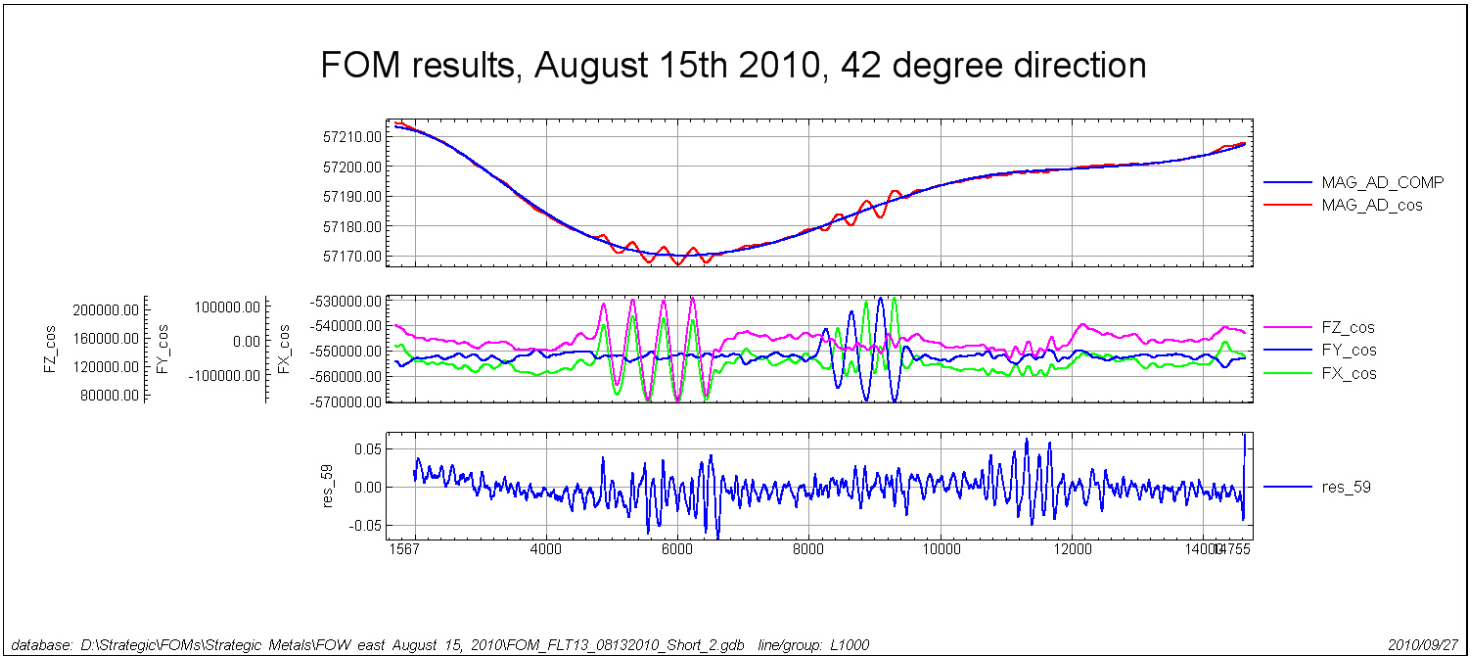
database: D:\Strategic\FOMs\Strategic Metals\FOM west August 13, 2010\FOM_FLT10_08132010_Short.gdb line/group: L3000 *2010/09/27*

FOM results, August 13th 2010, 270 degree direction

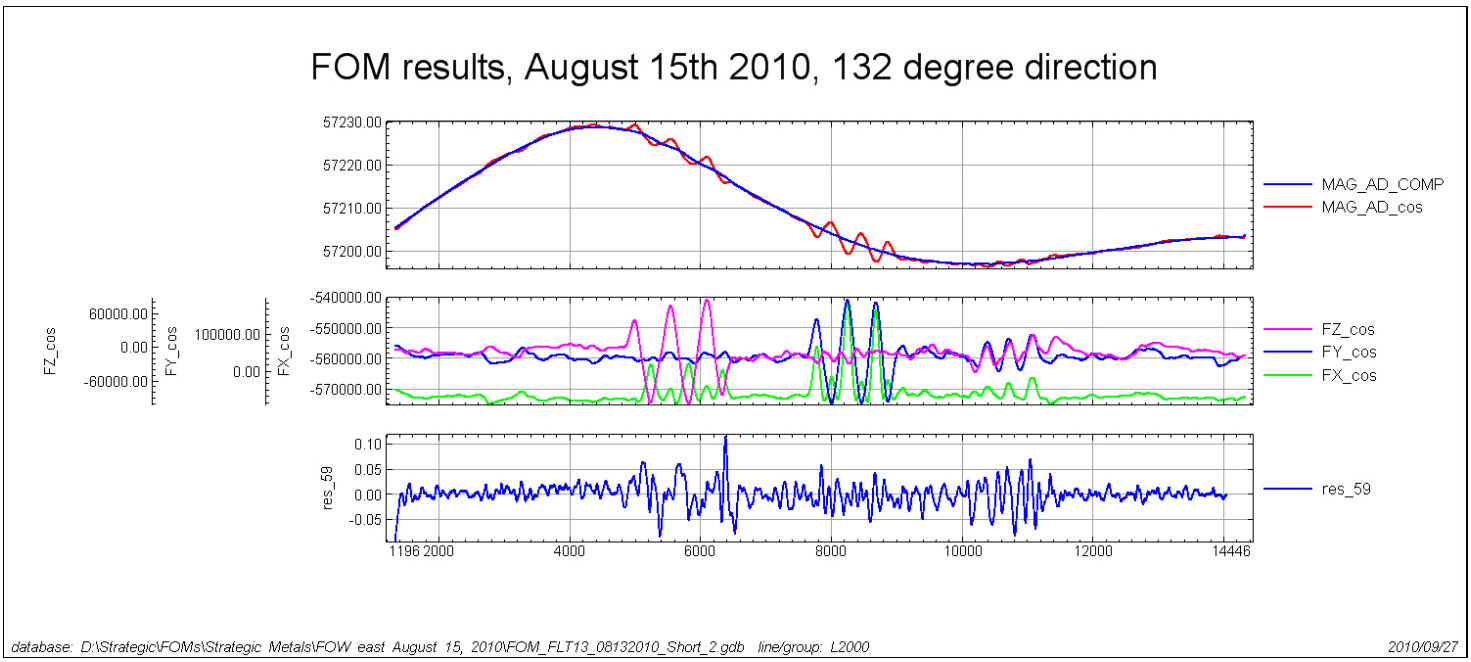


database: D:\Strategic\FOMs\Strategic Metals\FOM west August 13, 2010\FOM_FLT10_08132010_Short.gdb line/group: L4000 *2010/09/27*

Strategic Metals, Yukon, FOM result, August 15, 2010					
line	**direction**	**pitch**	**roll**	**yaw**	**total**
1000	**42**	0.150	0.050	0.115	0.315
2000	**132**	0.200	0.100	0.135	0.435
3000	**222**	0.130	0.050	0.125	0.305
4000	**312**	0.100	0.070	0.125	0.295
	total	0.580	0.270	0.500	**1.350**

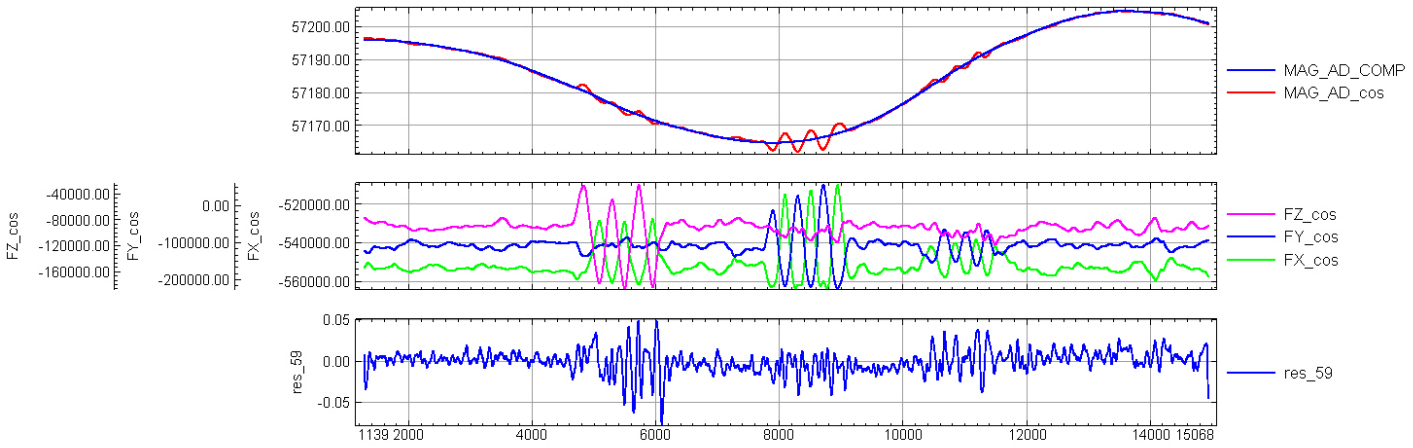


database: D:\Strategic\FOMs\Strategic Metals\FOW east August 15, 2010\FOM_FLT13_08132010_Short_2.gdb line/group: L1000 *2010/09/27*



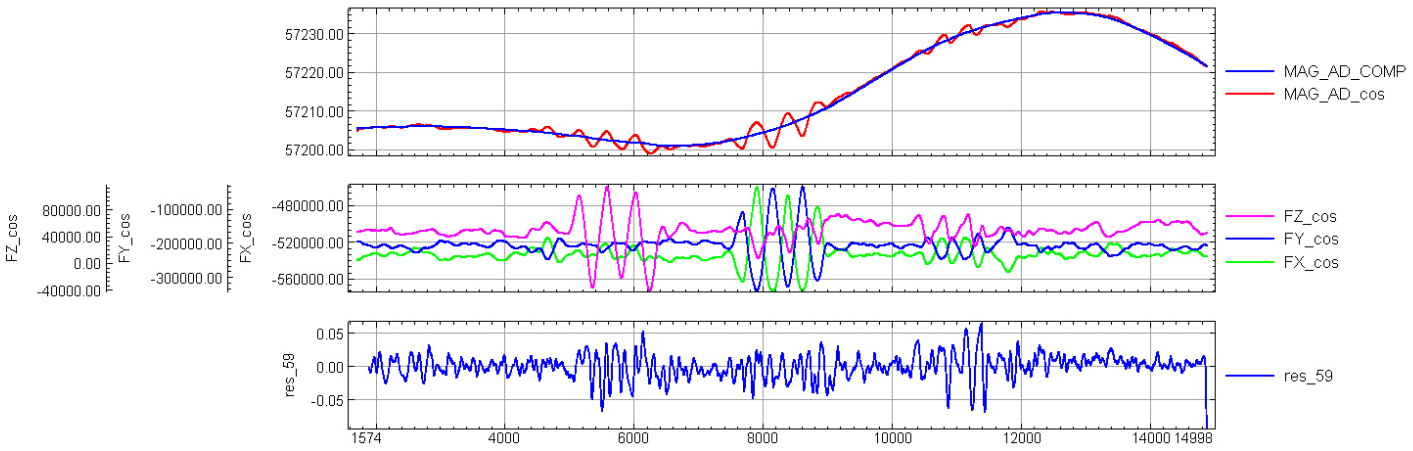
database: D:\Strategic\FOMs\Strategic Metals\FOW east August 15, 2010\FOM_FLT13_08132010_Short_2.gdb line/group: L2000 *2010/09/27*

FOM results, August 15th 2010, 222 degree direction



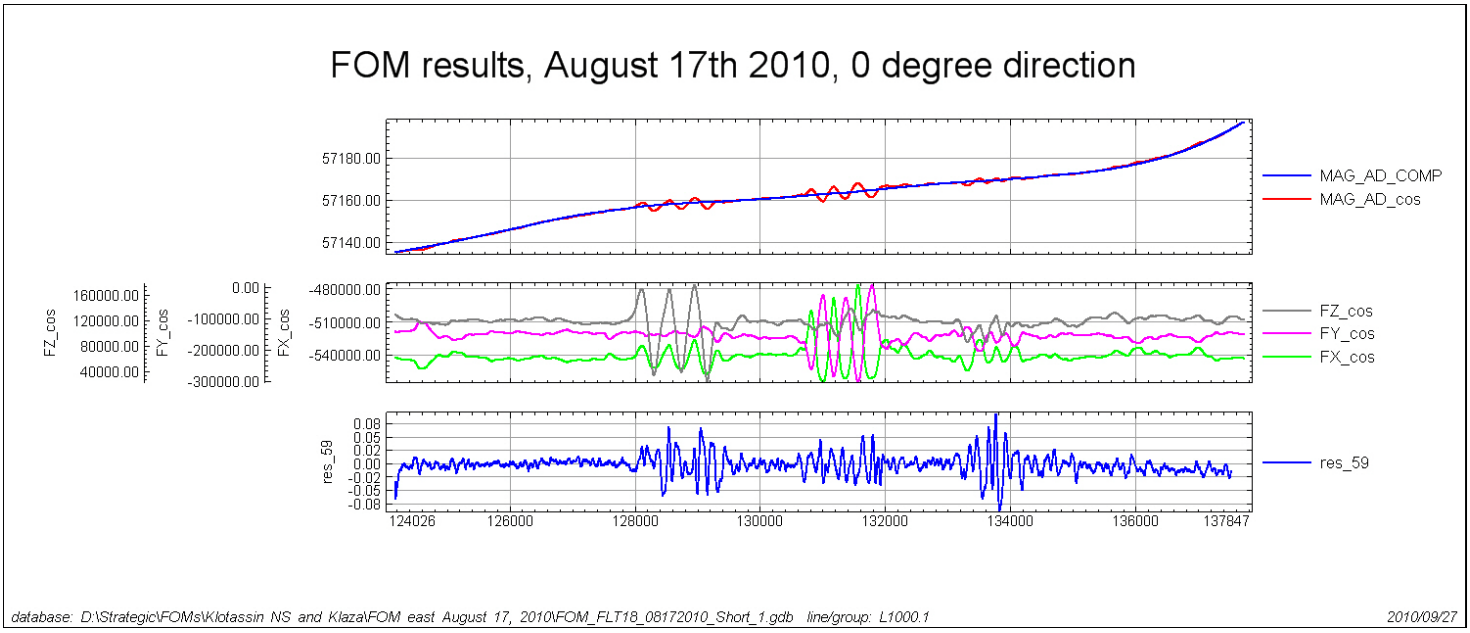
database: D:\Strategic\FOMs\Strategic Metals\FOW east August 15, 2010\FOM_FLT13_08132010_Short_2.gdb line/group: L3000 2010/09/27

FOM results, August 15th 2010, 312 degree direction

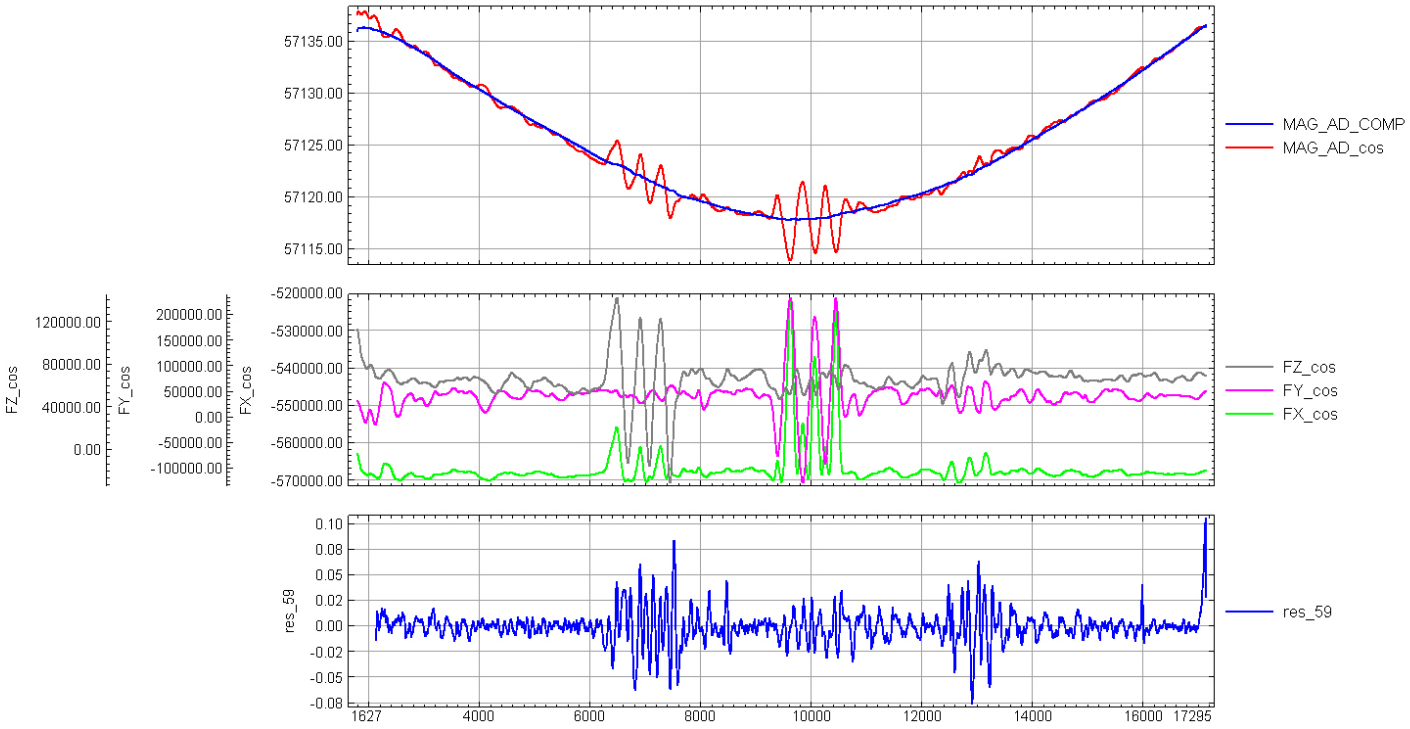


database: D:\Strategic\FOMs\Strategic Metals\FOW east August 15, 2010\FOM_FLT13_08132010_Short_2.gdb line/group: L4000 2010/09/27

Strategic Metals, Yukon, FOM result, August 17, 2010					
line	**direction**	**pitch**	**roll**	**yaw**	**total**
1000	**0**	0.125	0.085	0.175	0.385
2000	**90**	0.125	0.050	0.138	0.313
3000	**180**	0.138	0.050	0.055	0.243
4000	**270**	0.100	0.050	0.108	0.258
	total	0.488	0.235	0.475	**1.198**

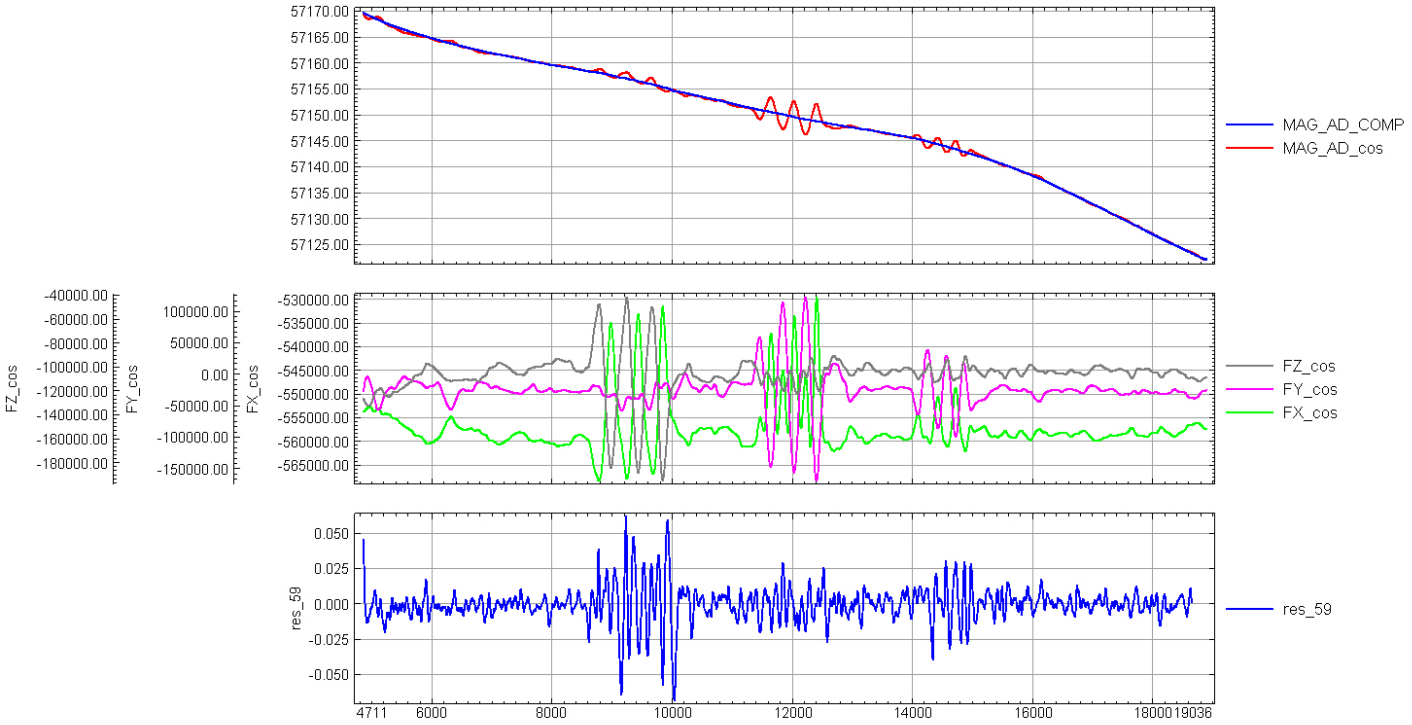


FOM results, August 17th 2010, 90 degree direction



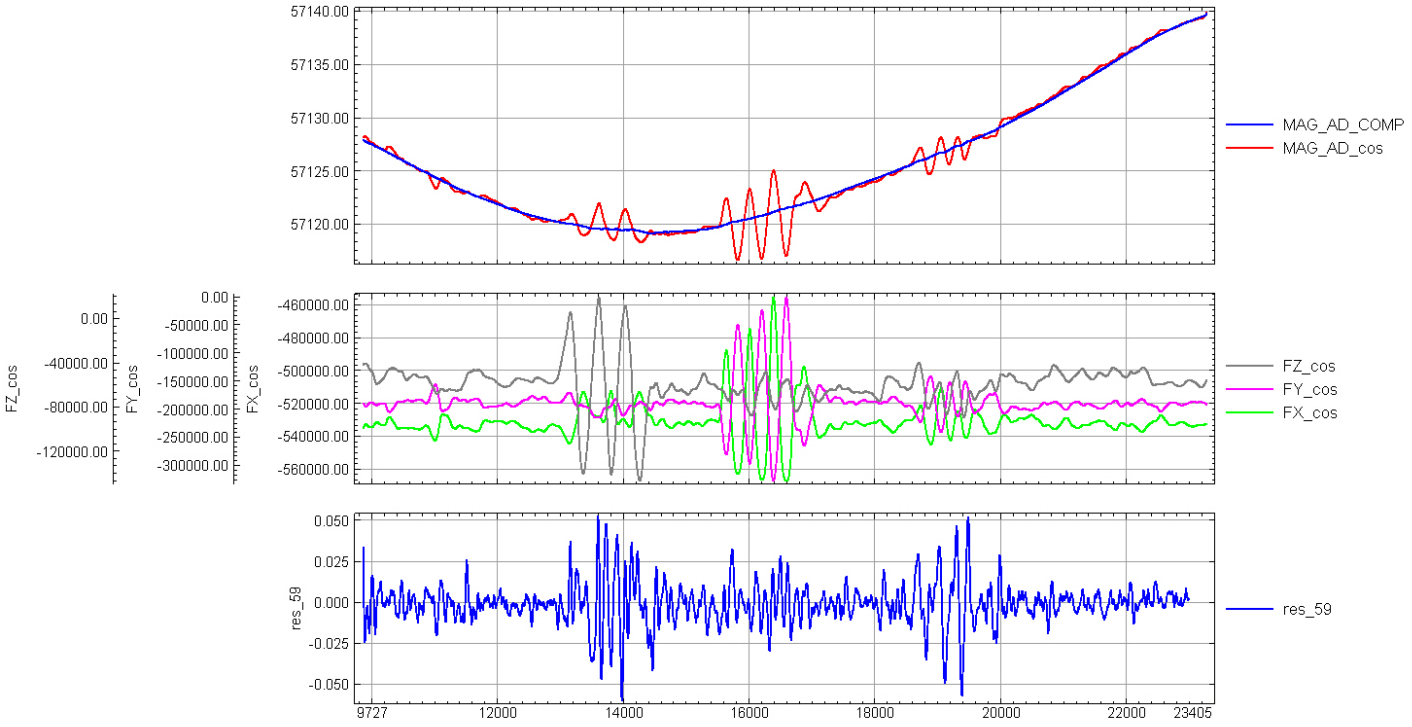
database: D:\Strategic\FOMs\Klotassin NS and Klaza\FOM east August 17, 2010\FOM_FLT18_08172010_Short_1.gdb line/group: L2000.1 *2010/09/27*

FOM results, August 17th 2010, 180 degree direction



database: D:\Strategic\FOMs\Klotassin NS and Klaza\FOM east August 17, 2010\FOM_FLT18_08172010_Short_1.gdb line/group: L3000.1 *2010/09/27*

FOM results, August 17th 2010, 270 degree direction



database: D:\Strategic\FOMs\Klotassin NS and Klaza\FOM east August 17, 2010\FOM_FLT18_08172010_Short_1.gdb line/group: L4000.1 *2010/09/27*

Appendix C: Database Descriptions

Magnetic Databases for Mint, Nikki, Corky, Meloy, King, and Mars blocks

Database Name: MAGNETIC_*blockname*_BK.gdb
Format: Geosoft .gdb
Number of Channels: 28

Note: If the database is opened in Oasis montaj, please load included "*Magnetic database channel display.dbview*" file to insure that ALL the channels are displayed in the same order as listed below (Database menu -> Get Saved View).

Channel Name	Units	Description
LINE	number	Line number
FLIGHT	number	Flight number
DATE	date	Date flown (YYMMDD)
FIDUCIAL	number	Fiducial count (flight specific)
SYSTEM_CLOCK	milsec	KANA8 (A/D converter) counter
UTM_X_NAD83	meters	UTM East in NAD83, North America, Zone 7N/Zone 8N
UTM_Y_NAD83	meters	UTM North in NAD83, North America, Zone 7N/Zone 8N
LATITUDE_WGS84	degrees	GPS latitude, WGS 84, World
LONGITUDE_WGS84	degrees	GPS longitude, WGS 84, World
GPS_HEIGHT_WGS84	meters	GPS height (orthometric) above MSL, WGS 84, World
UTC_DAYSEC	decimal seconds	UTC daily second counter (0-86399)
FLUX_X	volts	Fluxgate x-axis
FLUX_Y	volts	Fluxgate y-axis
FLUX_Z	volts	Fluxgate z-axis
RAD_ALT_feet	feet	Radar altimeter, height above ground
MAG_RAW	nT	Raw magnetometer data
MAG_COMP	nT	Compensated magnetometer data
DIURNAL	nT	Base station magnetometer data (filtered with 101point low pass filter)
MAG_DIURNAL_CORR	nT	Base station (diurnal) corrected magnetometer data
MAG_LAG_CORR	nT	Lag corrected magnetometer data
MAG_HEADING_CORR	nT	Heading corrected magnetometer data
IGRF	nT	Calculated IGRF, using 2010 model
MAG_IGRF_CORR	nT	IGRF corrected magnetometer data
MAG_SIMPLE_LVL	nT	Conventionally (simple) leveled magnetometer data
MAG_MICLEV	nT	Microleveled magnetometer data (if applicable)
TMI_FINAL	nT	Final magnetometer data (a copy of either MAG_SIMPLE_LVL or MAG_MICLEV channels)
VDV	nT/m	1st order Vertical Derivative (VDV)
DTM	meters	Calculated DTM channel

Radiometric Databases for Mint, Nikki, Corky, Meloy, King, and Mars blocks

Database Name: RADIOMETRIC_ *blockname*_BK.gdb
Format: Geosoft .gdb
Number of Channels: 34

Note: If the database is opened in Oasis montaj, please load included "*Radiometric database channel display.dbview*" file to insure that ALL the channels are displayed in the same order as listed below (Database menu -> Get Saved View).

Channel Name	Units	Description
LINE	number	Line Number
FLIGHT	number	Flight Number
DATE	date	Date flown (YYMMDD)
FIDUCIAL	number	Fiducial count (line specific)
UTM_X_NAD83	meters	UTM East in NAD83, North America, Zone 7N/8N
UTM_Y_NAD83	meters	UTM North in NAD83, North America, Zone 7N/8N
LATITUDE_WGS84	degrees	GPS latitude, WGS 84, World
LONGITUDE_WGS84	degrees	GPS longitude, WGS 84, World
GPS_HEIGHT_WGS84	meters	GPS height (orthometric) above MSL, WGS 84, World
UTC_DAYSEC	seconds	UTC daily second counter (0-86399)
RAD_ALT_feet	feet	Radar altimeter, height above ground
PRESSURE	mbar	Ambient pressure output
TEMPERATURE	degrees C	Ambient temperature output
DOWN_LIVE_TIME	seconds	Live time channel
RAW_Potassium	counts/sec	Raw Potassium channel
RAW_Thorium	counts/sec	Raw Thorium channel
RAW_Uranium	counts/sec	Raw Uranium channel
RAW_TotCount	counts/sec	Raw Total Count channel
RAW_UpDet	counts/sec	Raw upward looking crystal Uranium channel
COSMIC	counts/sec	Raw Cosmic channel from downward looking crystals
SPECTRUM	counts/sec	1024 channel down spectrum
EQUIVALENT_HEIGHT_m	meters	Equivalent height above ground at STP
K_CORR	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Potassium counts
Th_CORR	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Thorium counts
U_CORR	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Uranium counts
TC_CORR	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Total Count counts
K_FINAL_CORR	counts/sec	Final Potassium counts; microleveled (if applicable, se section 7.5.6.8 for details)

Th_FINAL_CORR	counts/sec	Final Thorium counts; microleveled (if applicable, se section 7.5.6.8 for details)
U_FINAL_CORR	counts/sec	Final Uranium counts; microleveled (if applicable, se section 7.5.6.8 for details)
TC_FINAL_CORR	counts/sec	Final Total Count counts; microleveled (if applicable, se section 7.5.6.8 for details)
K_Percent	%	Estimated concentrations of Potassium
eTh	ppm	Estimated equivalent concentrations of Thorium
eU	ppm	Estimated equivalent concentrations of Uranium
DOSE_RATE	nGy/h	Natural air absorption Dose Rate

APPENDIX D: RSX-5 SPECTROMETER (SN 5503): DAILY RESOLUTION TESTS RESULTS

Executed 2010/08/08 21:59:25

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2001	2005	2001	2001	2001	8008
Gain	0.962986	0.953878	0.981236	0.953903	1.021441	-
Peak	871.76 (+/- 0.543)	874.70 (+/- 0.870)	873.30 (+/- 0.602)	871.13 (+/- 0.653)	860.80 (+/- 2.204)	872.82 (+/- 0.324)
FWHM	4.13 (+/- 1.371)	5.75 (+/- 2.547)	4.78 (+/- 1.562)	4.99 (+/- 1.734)	5.91 (+/- 8.576)	4.66 (+/- 0.839)

Executed 2010/08/09 17:47:25

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2003	2001	2004	2006	2002	8014
Gain	0.988165	0.992147	1.015323	0.990002	1.054202	-
Peak	873.10 (+/- 0.470)	874.73 (+/- 0.764)	872.23 (+/- 0.543)	870.40 (+/- 0.612)	868.10 (+/- 1.097)	872.84 (+/- 0.265)
FWHM	4.07 (+/- 1.209)	5.21 (+/- 2.095)	4.94 (+/- 1.400)	5.11 (+/- 1.581)	6.89 (+/- 3.116)	4.63 (+/- 0.676)

Executed 2010/08/10 07:39:17

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2003	2002	2002	2005	2004	8012
Gain	0.940138	0.916487	0.950094	0.929034	0.987978	-
Peak	869.25 (+/- 0.535)	876.70 (+/- 0.938)	873.98 (+/- 0.600)	870.59 (+/- 0.673)	868.49 (+/- 1.006)	872.08 (+/- 0.336)
FWHM	4.21 (+/- 1.345)	4.29 (+/- 2.392)	4.73 (+/- 1.594)	4.77 (+/- 1.820)	6.71 (+/- 3.081)	4.49 (+/- 0.840)

Executed 2010/08/11 07:51:16

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2006	2001	2001	2001	2002	8009
Gain	0.969962	0.948579	0.977909	0.954461	1.013296	-
Peak	871.53 (+/- 0.573)	876.57 (+/- 0.814)	873.60 (+/- 0.753)	872.19 (+/- 0.592)	867.11 (+/- 0.950)	873.16 (+/- 0.403)
FWHM	4.34 (+/- 1.543)	5.16 (+/- 2.319)	4.99 (+/- 2.074)	4.42 (+/- 1.566)	6.34 (+/- 2.804)	4.63 (+/- 1.116)

Executed 2010/08/12 11:03:00

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2006	2005	2003	2003	2001	8017
Gain	0.975655	0.958596	0.984948	0.96152	1.022175	-
Peak	870.06 (+/- 0.579)	876.22 (+/- 0.769)	873.15 (+/- 0.798)	871.27 (+/- 0.781)	869.11 (+/- 0.892)	872.42 (+/- 0.389)
FWHM	3.94 (+/- 1.506)	4.46 (+/- 2.045)	4.82 (+/- 2.290)	5.17 (+/- 2.069)	6.31 (+/- 2.451)	4.61 (+/- 1.042)

Executed 2010/08/13 16:15:45

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2001	2003	2001	2001	2001	8006
Gain	0.991344	0.985067	1.008989	0.982447	1.054639	-
Peak	871.28 (+/- 0.484)	881.69 (+/- 1.148)	873.48 (+/- 0.561)	872.15 (+/- 0.749)	870.62 (+/- 1.398)	873.64 (+/- 0.294)
FWHM	3.88 (+/- 1.219)	4.89 (+/- 3.600)	4.49 (+/- 1.467)	5.34 (+/- 2.120)	7.00 (+/- 4.542)	4.63 (+/- 0.770)

Executed 2010/08/15 11:27:34

Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2011	2001	2003	2001	2004	8016
Gain	0.952273	0.931188	0.958818	0.942567	1.003903	-
Peak	871.87 (+/- 0.553)	877.53 (+/- 0.772)	872.17 (+/- 0.611)	870.80 (+/- 0.494)	870.03 (+/- 1.044)	872.13 (+/- 0.295)
FWHM	4.26 (+/- 1.307)	4.55 (+/- 2.180)	4.74 (+/- 1.628)	4.95 (+/- 1.263)	6.93 (+/- 3.149)	4.75 (+/- 0.730)

Executed 2010/08/16 07:57:10

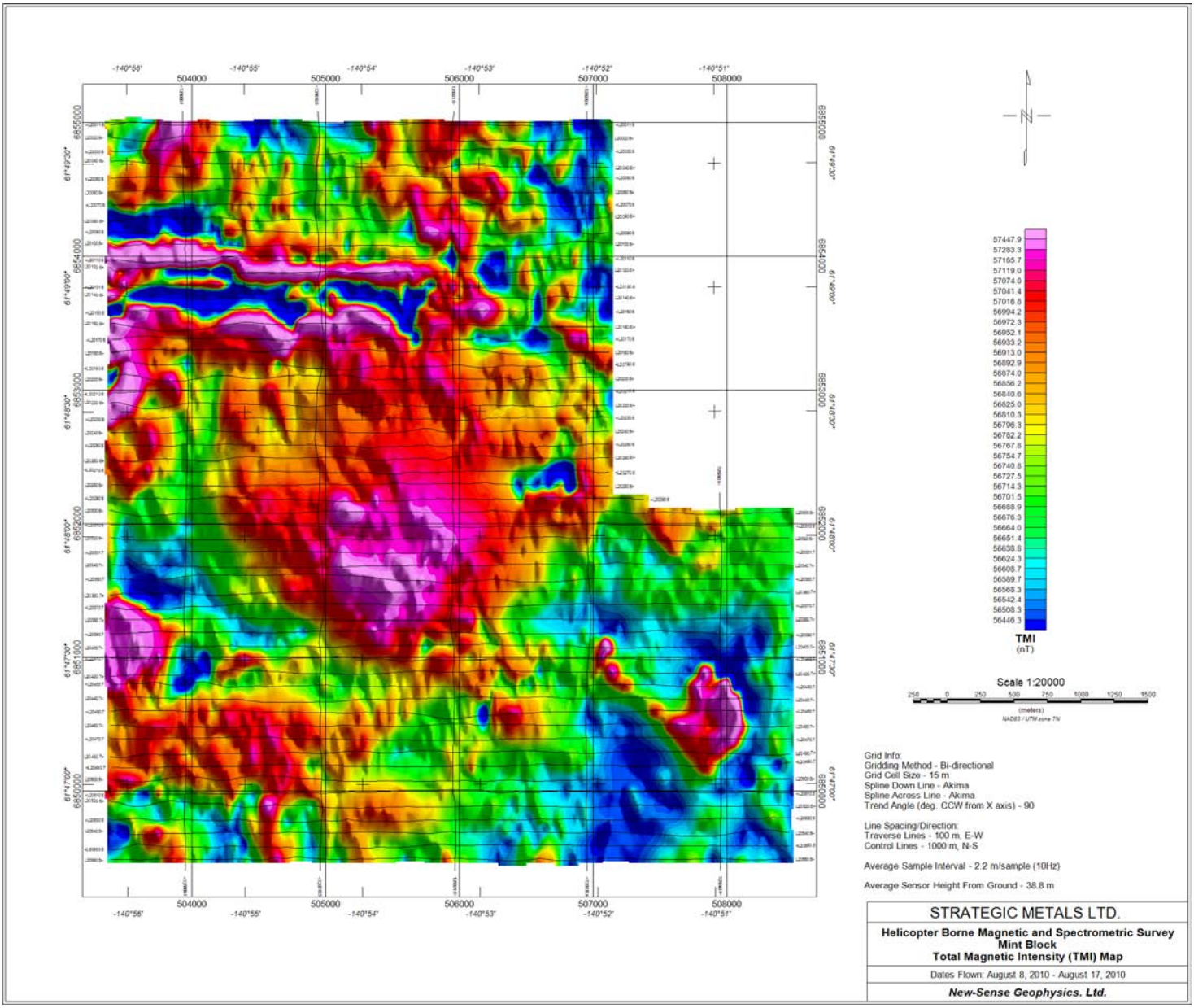
Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2002	2004	2007	2001	2005	8014
Gain	0.930262	0.915566	0.940916	0.920625	0.995206	-
Peak	870.26 (+/- 0.472)	877.55 (+/- 1.109)	872.20 (+/- 0.606)	871.61 (+/- 0.667)	870.10 (+/- 0.998)	872.22 (+/- 0.364)
FWHM	4.28 (+/- 1.250)	4.85 (+/- 3.181)	4.74 (+/- 1.735)	4.81 (+/- 1.765)	6.70 (+/- 2.825)	4.69 (+/- 0.969)

Executed 2010/08/17 08:02:17

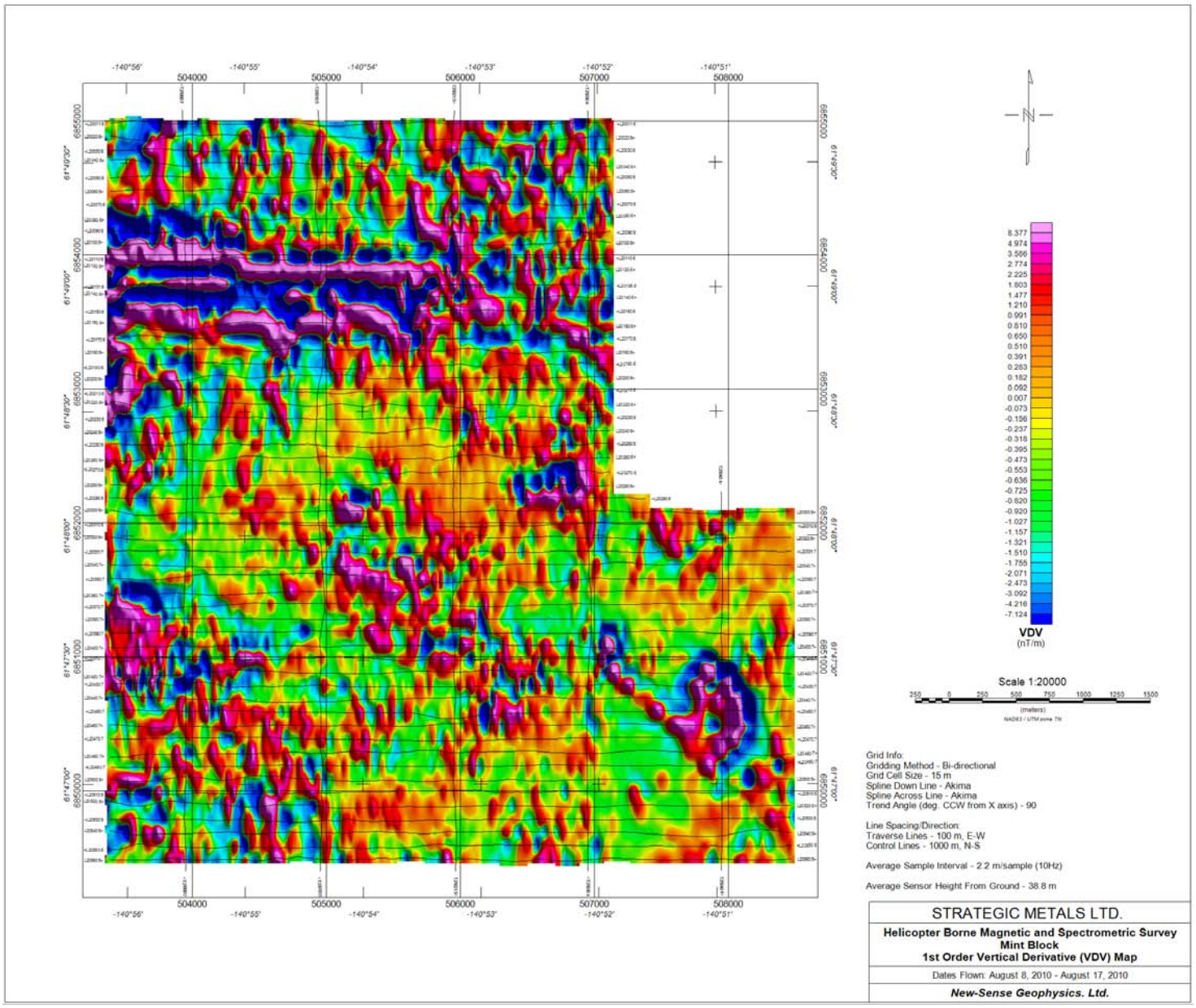
Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2001	2004	2005	2005	2004	8015
Gain	0.926781	0.913206	0.938985	0.920016	0.991829	-
Peak	871.25 (+/- 0.475)	875.69 (+/- 1.079)	872.19 (+/- 0.727)	870.29 (+/- 0.673)	868.95 (+/- 0.913)	872.37 (+/- 0.379)
FWHM	4.30 (+/- 1.250)	5.19 (+/- 3.182)	4.78 (+/- 2.097)	4.90 (+/- 1.808)	6.52 (+/- 2.523)	4.52 (+/- 1.044)

APPENDIX E: IMAGES OF FINAL MAPS

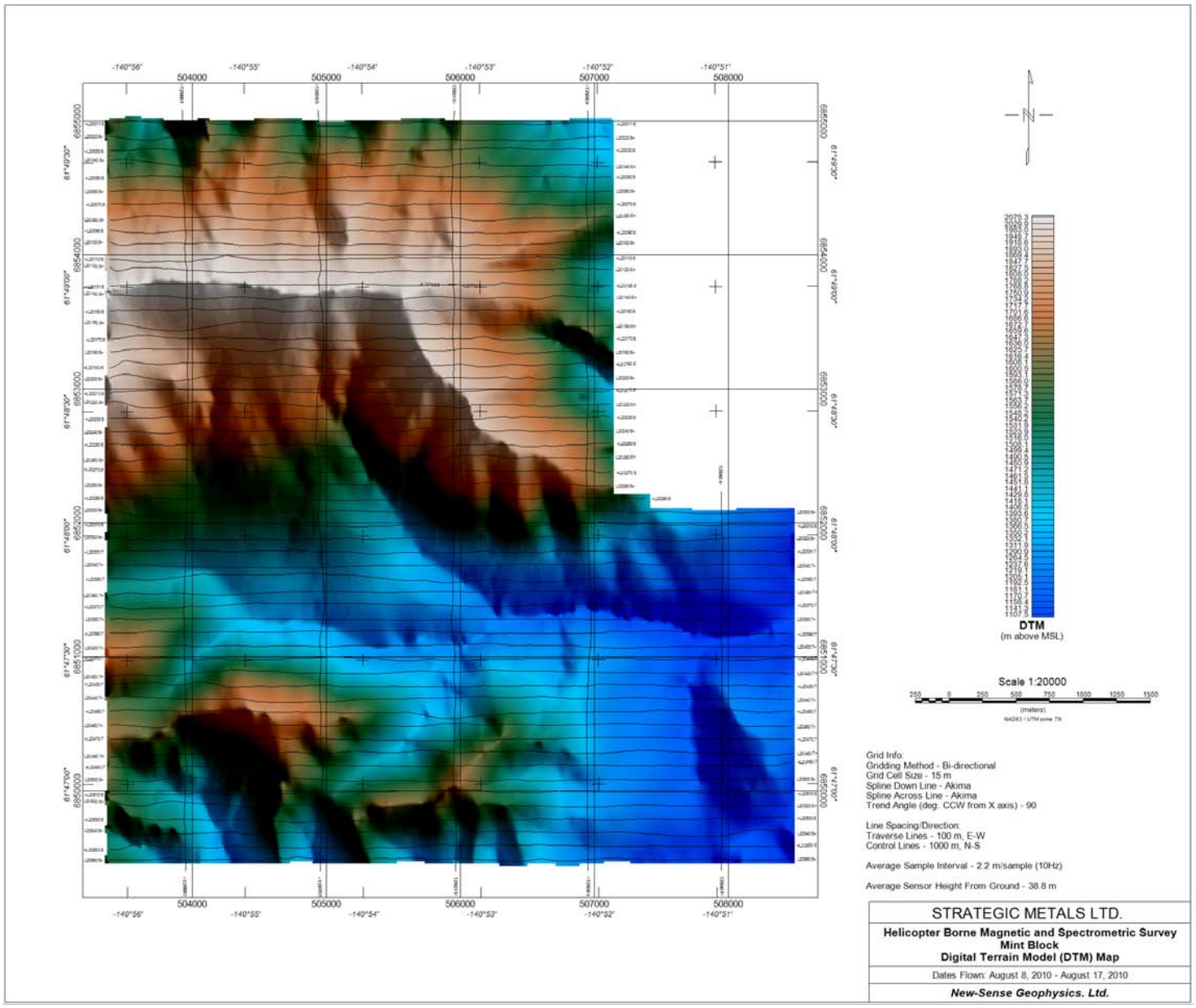
Mint Block Image of TMI FINAL Map



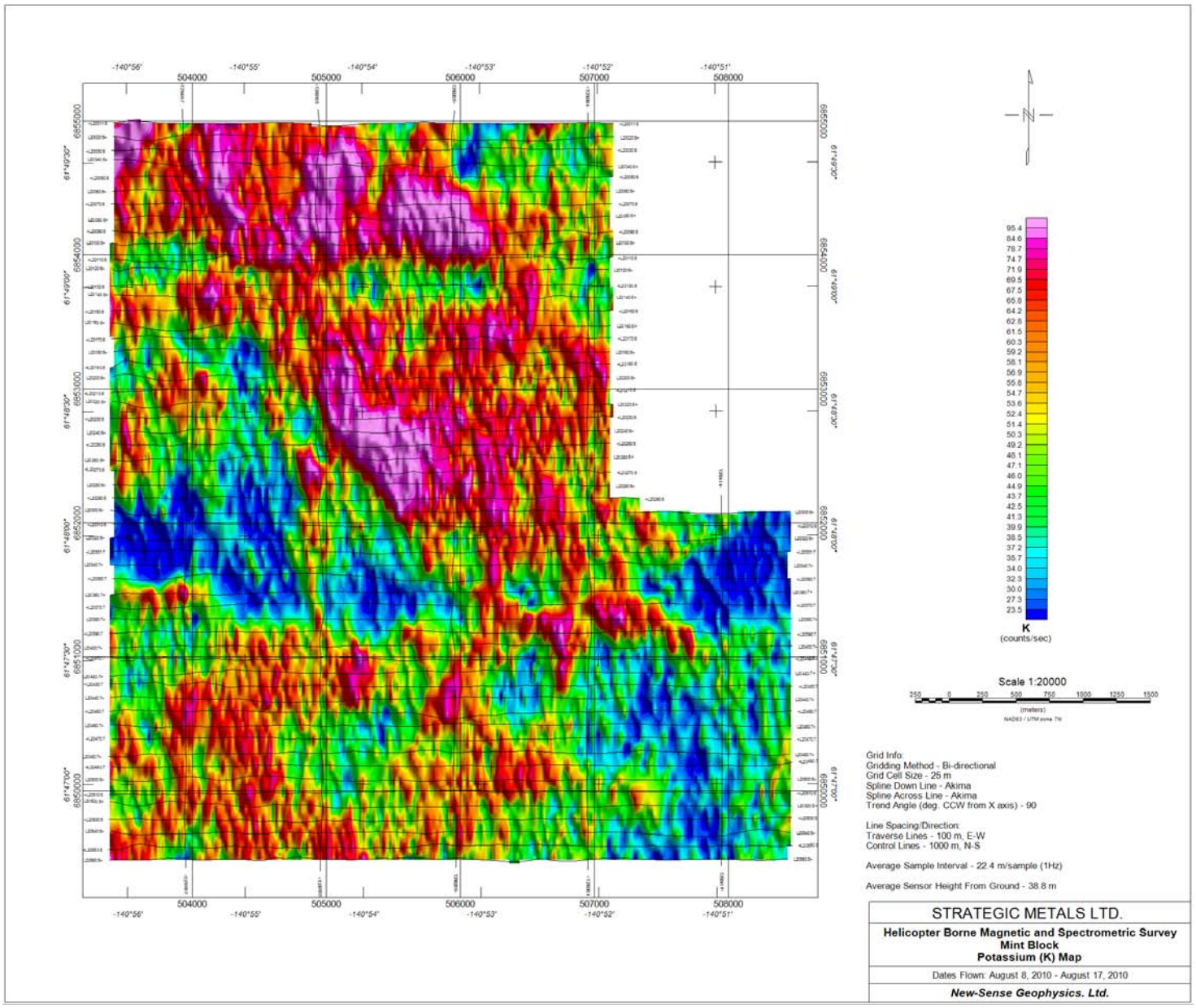
Mint Block Image of VDV Map



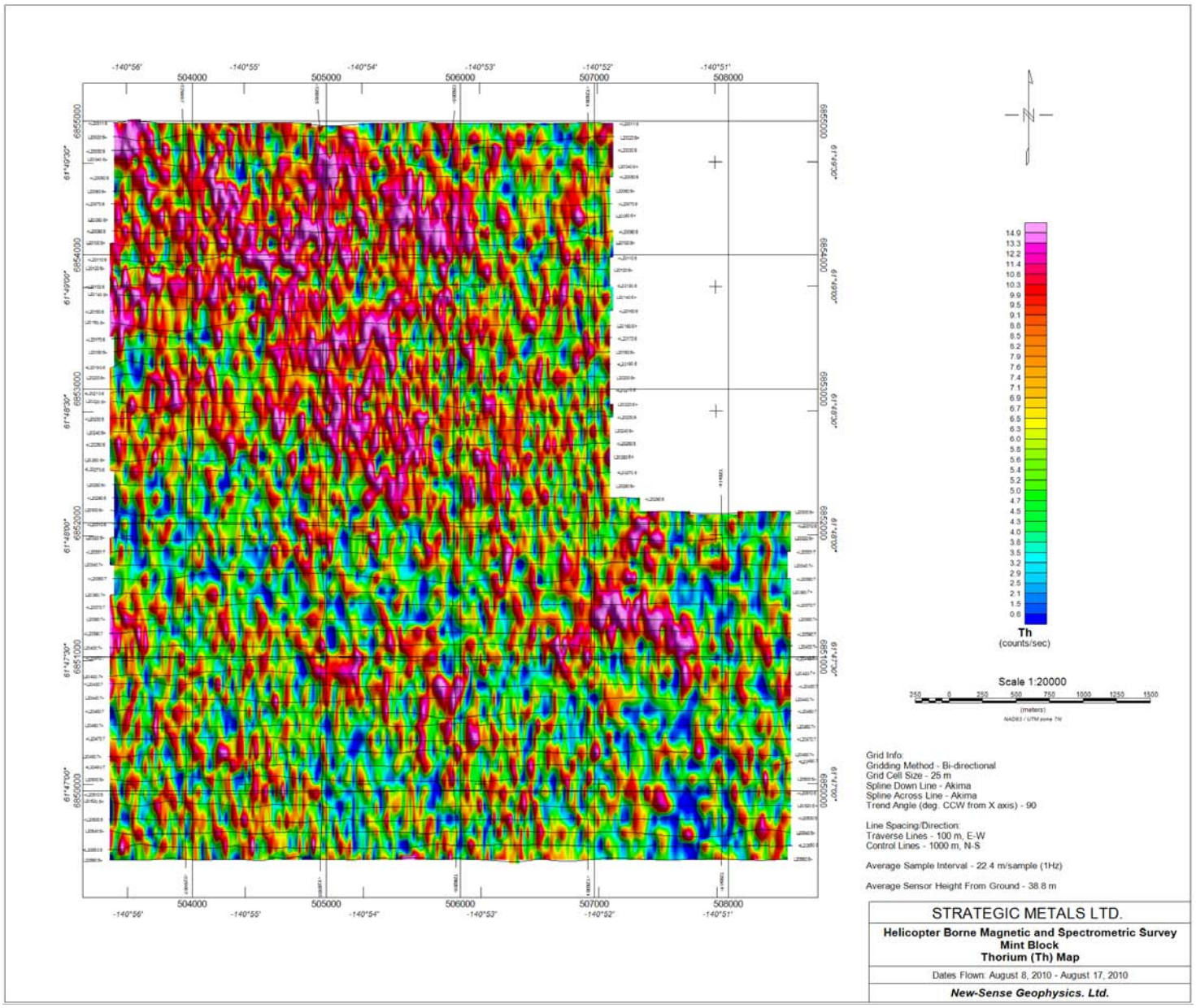
Mint Block Image of DTM Map



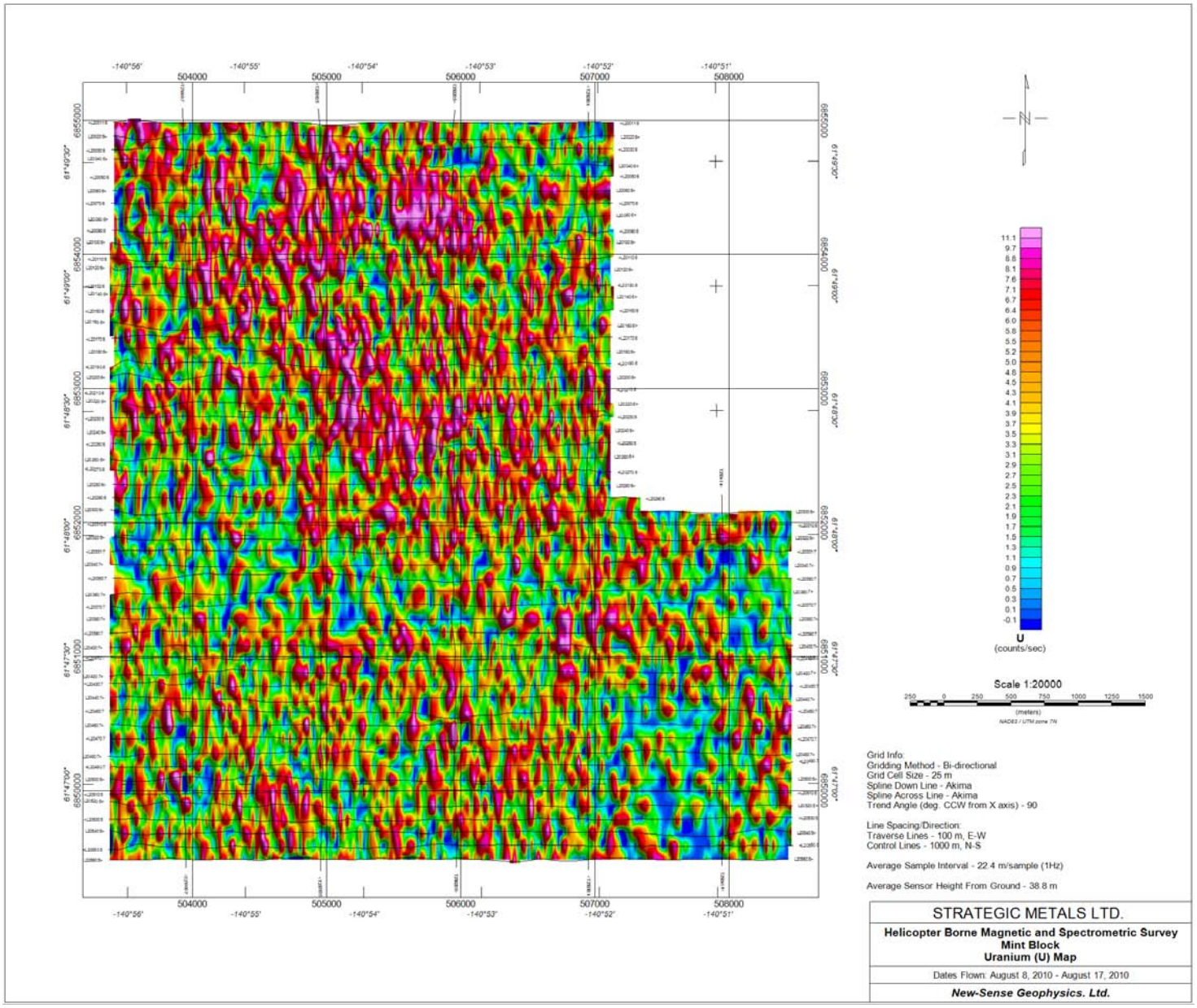
Mint Block Image of Potassium Map



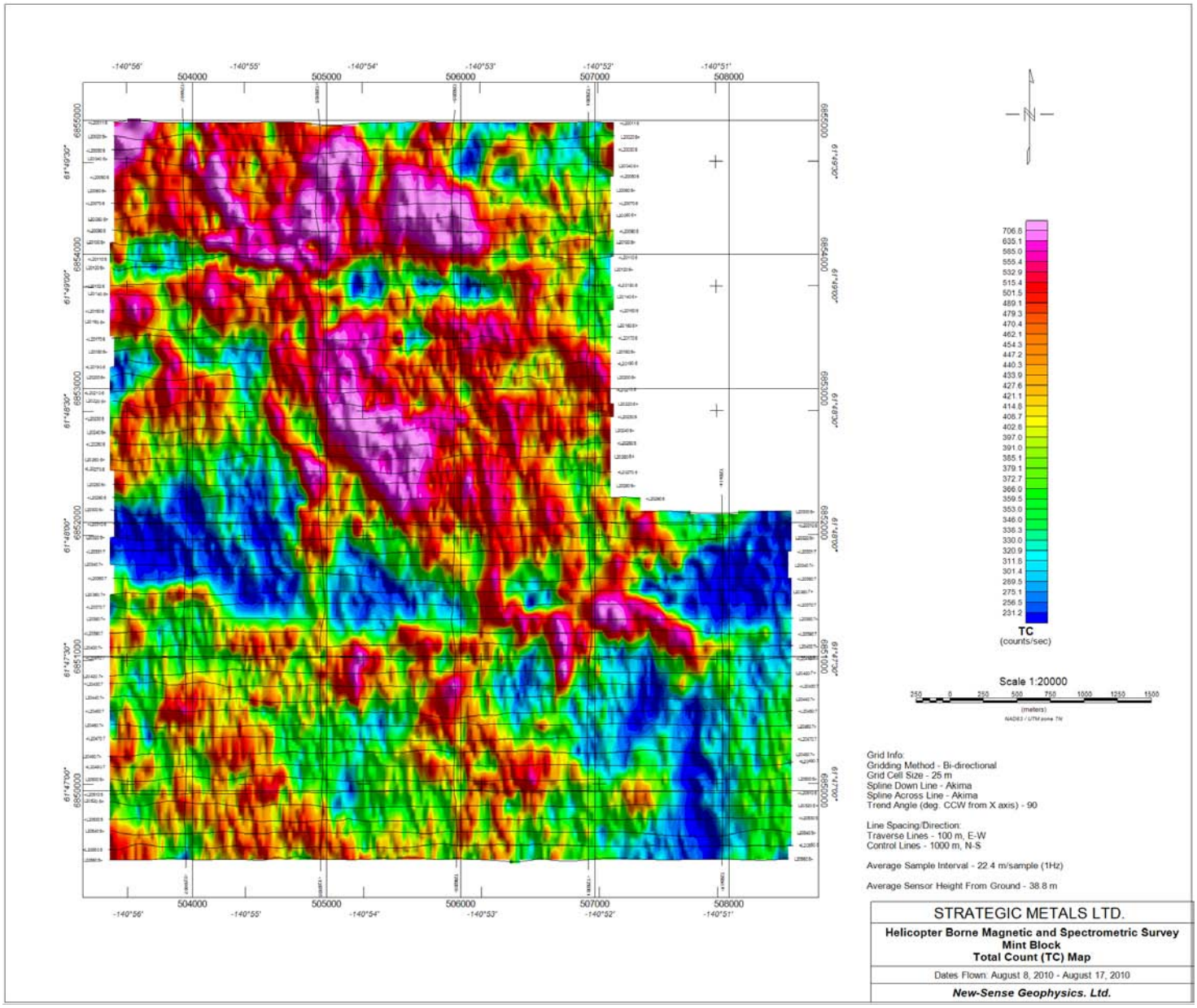
Mint Block Image of Thorium Map



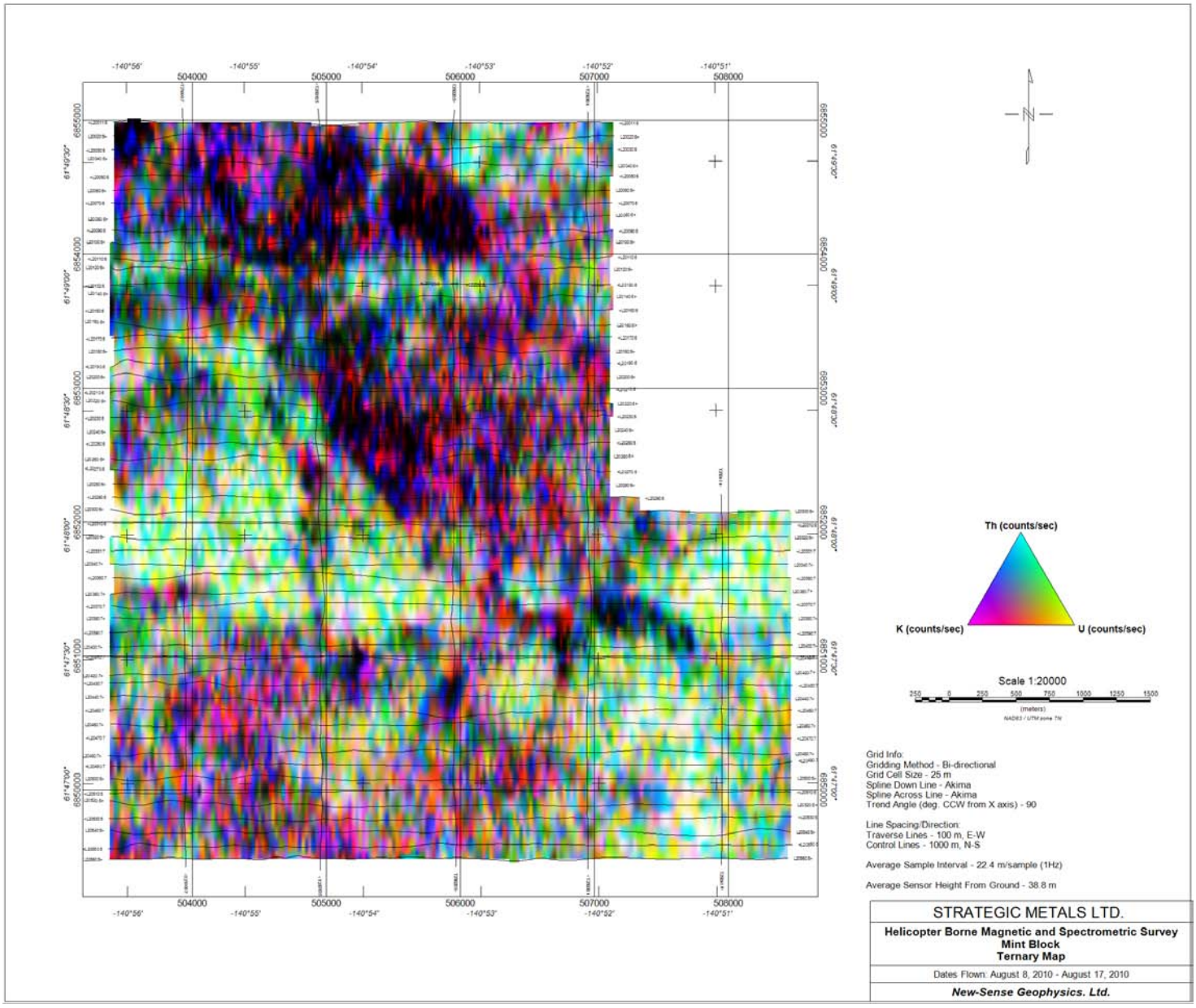
Mint Block Image of Uranium Map



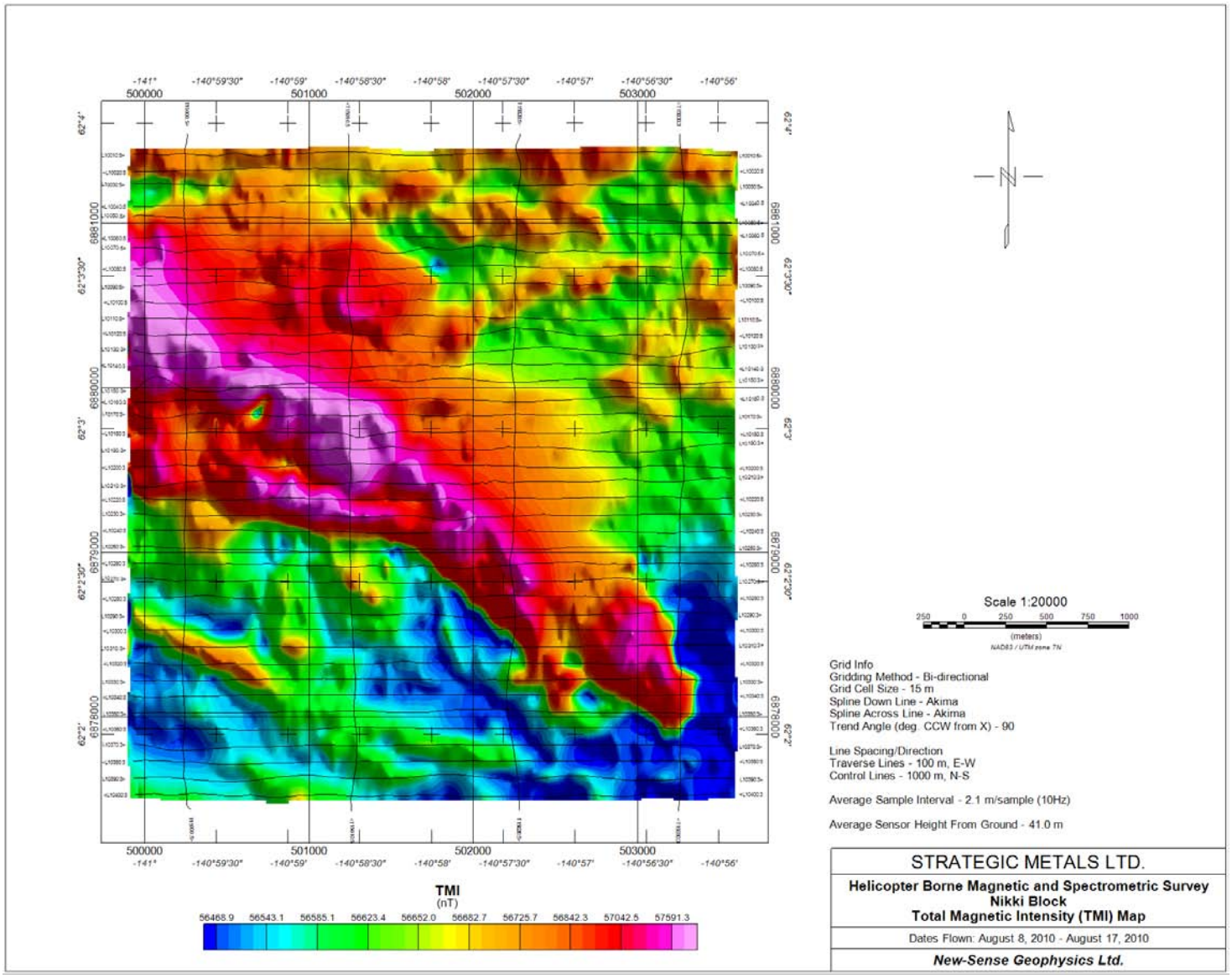
Mint Block Image of Total Count Map



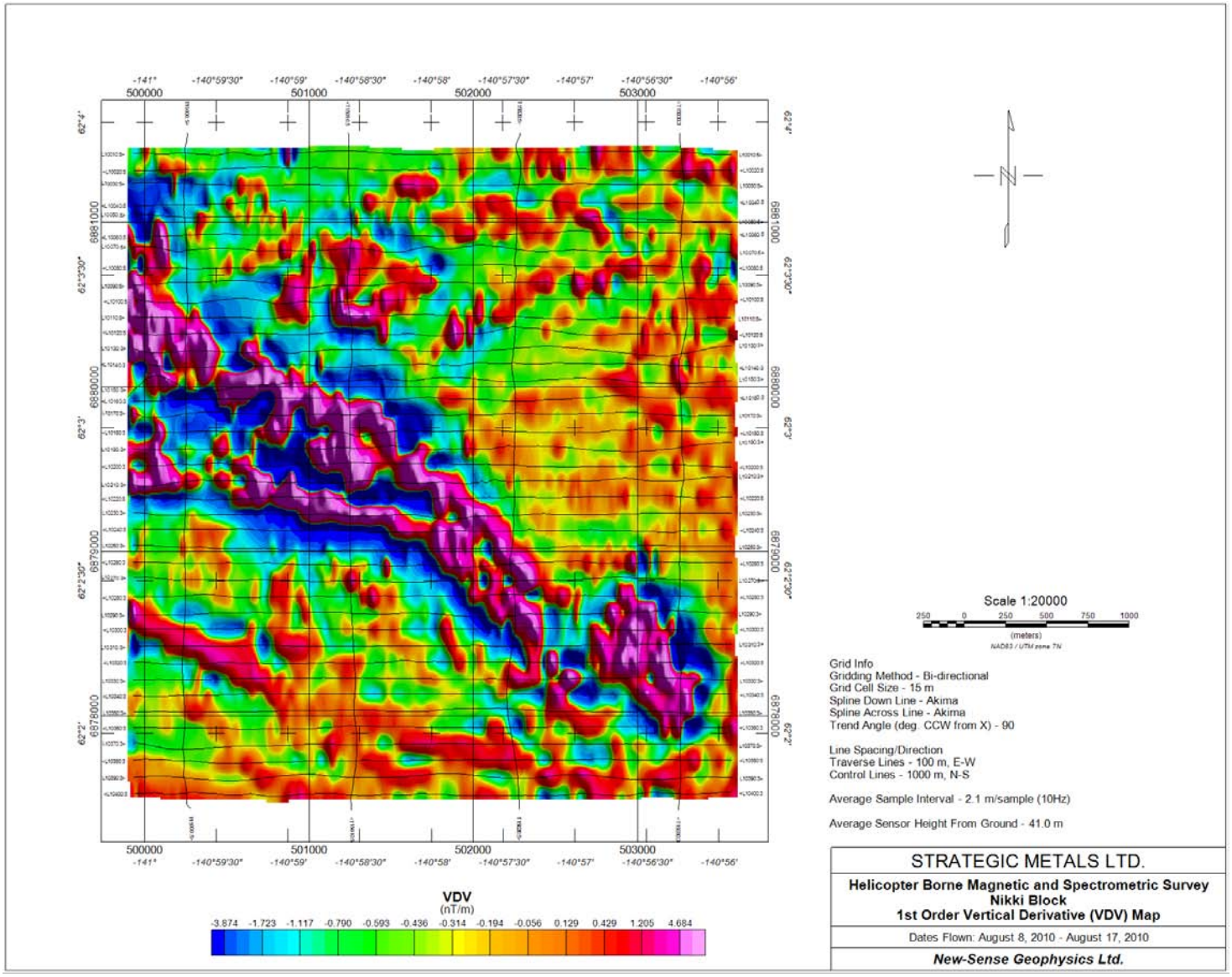
Mint Block Image of Ternary Map



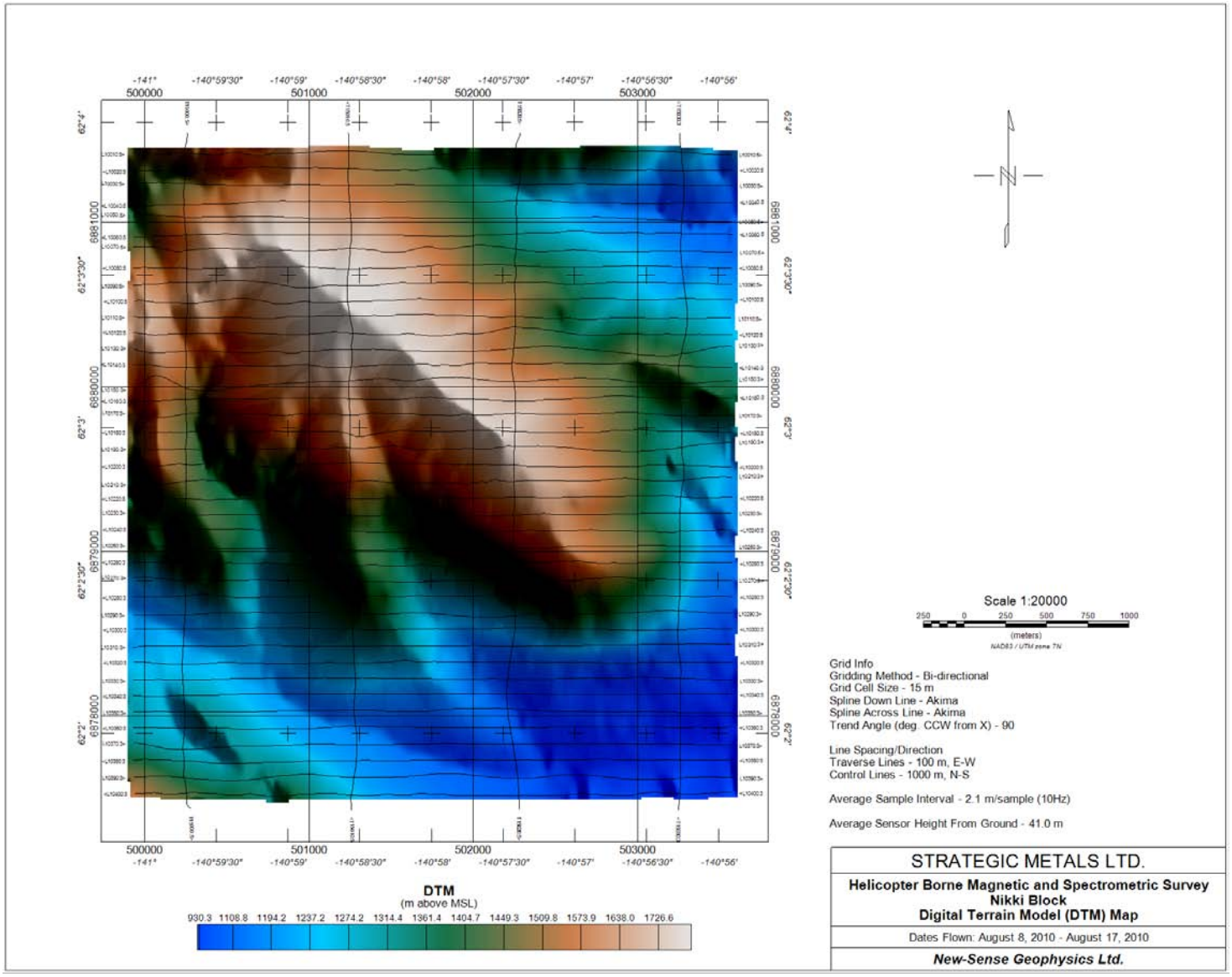
Nikki Block Image of TMI FINAL Map



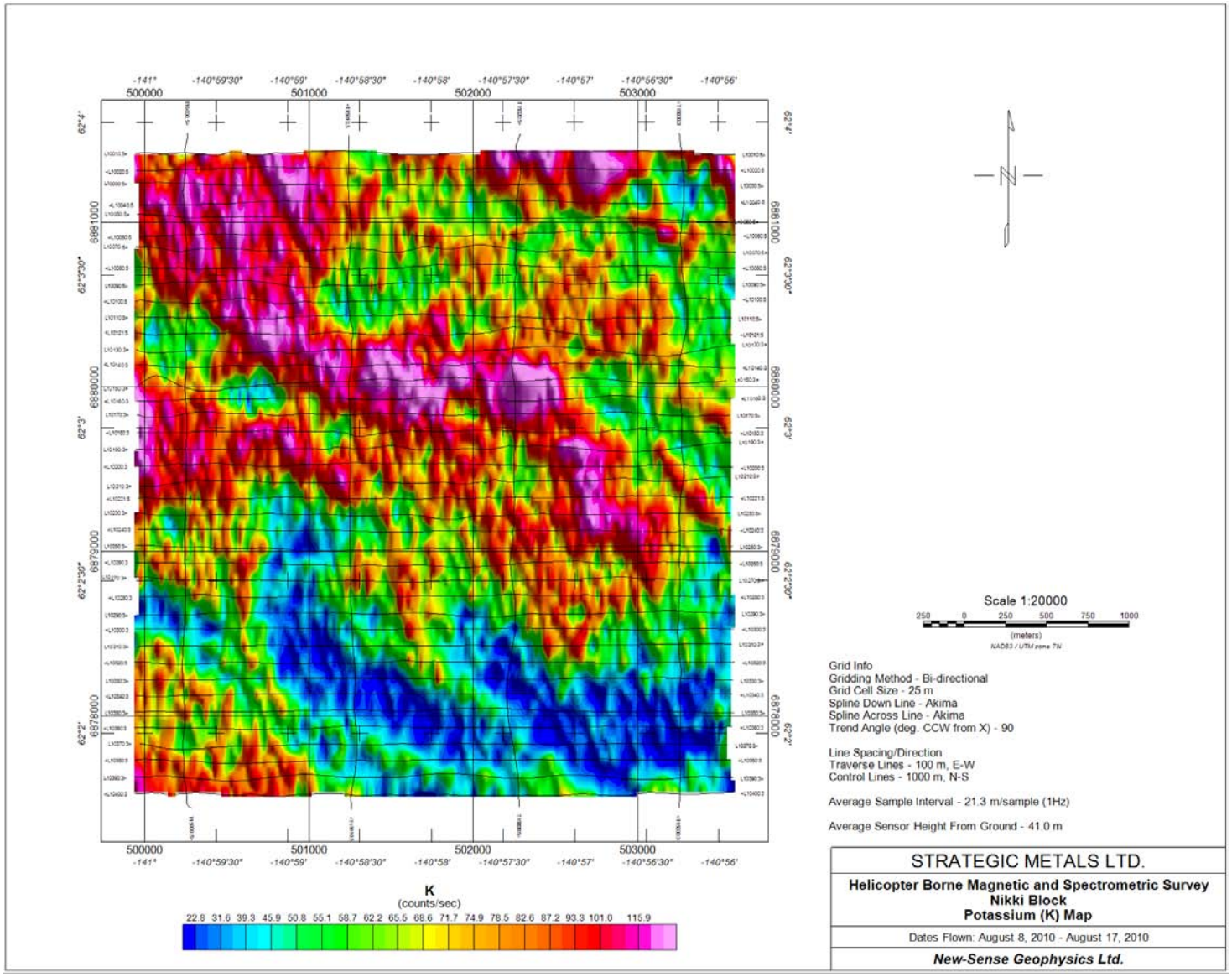
Nikki Block Image of VDV Map



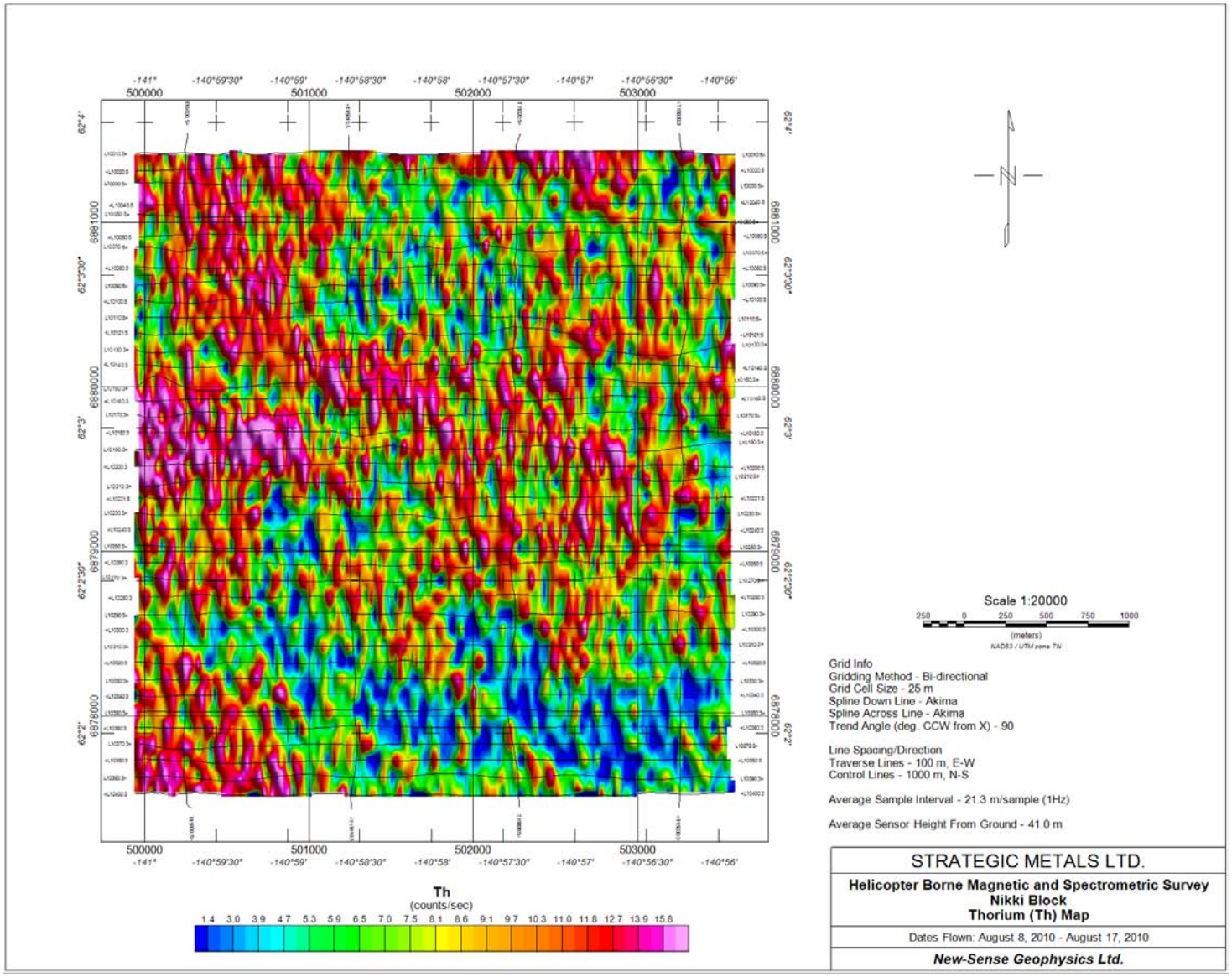
Nikki Block Image of DTM Map



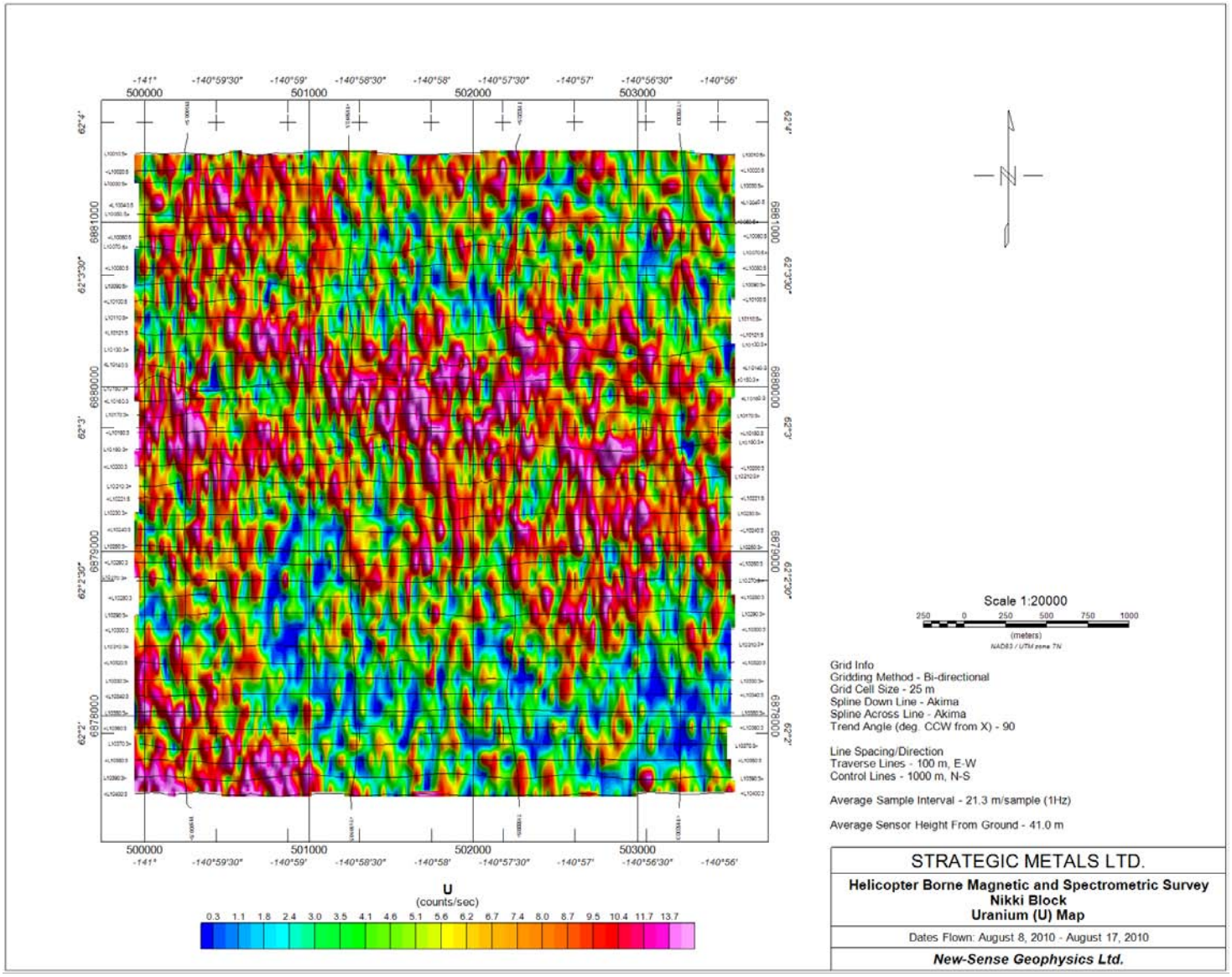
Nikki Block Image of Potassium Map



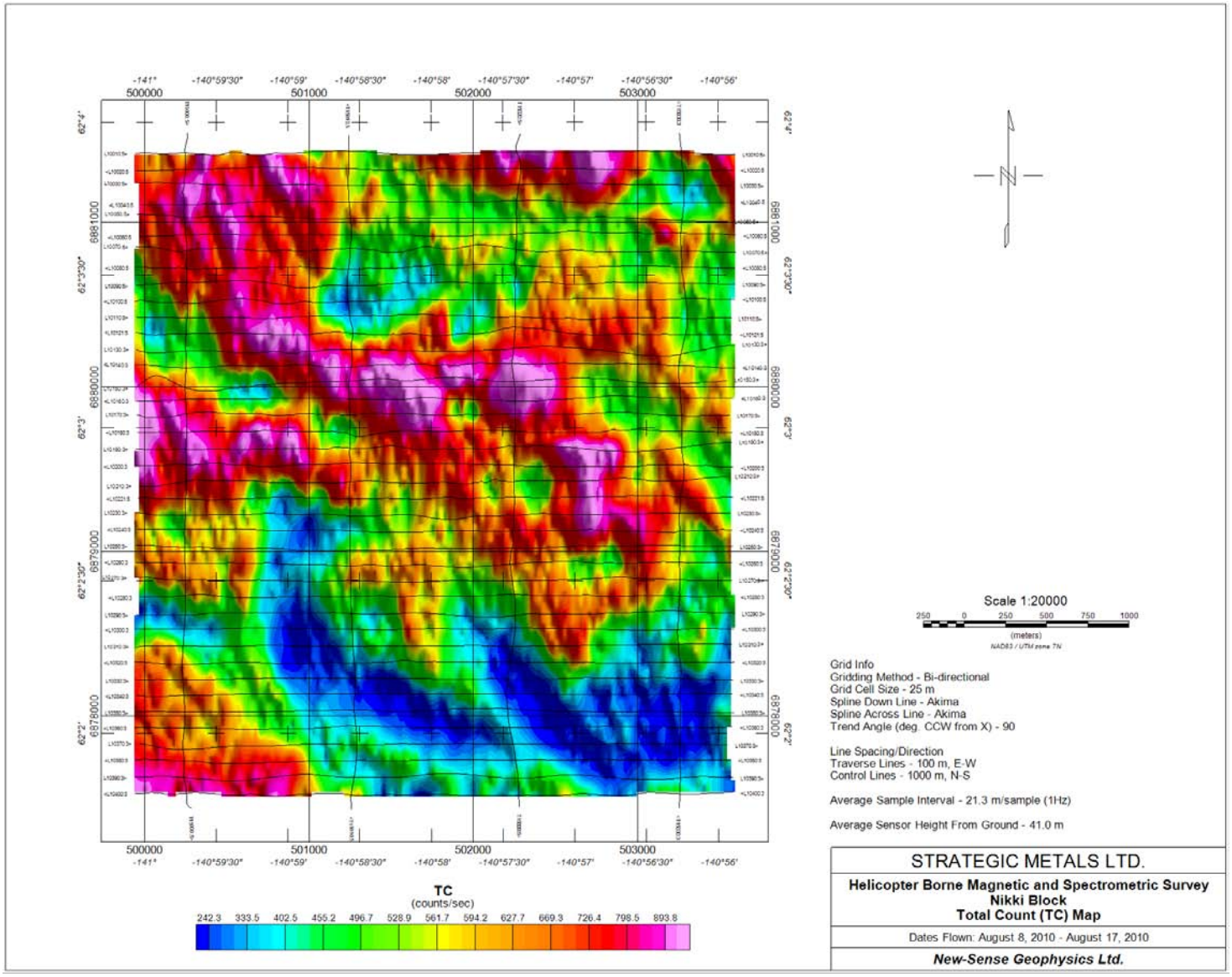
Nikki Block Image of Thorium Map



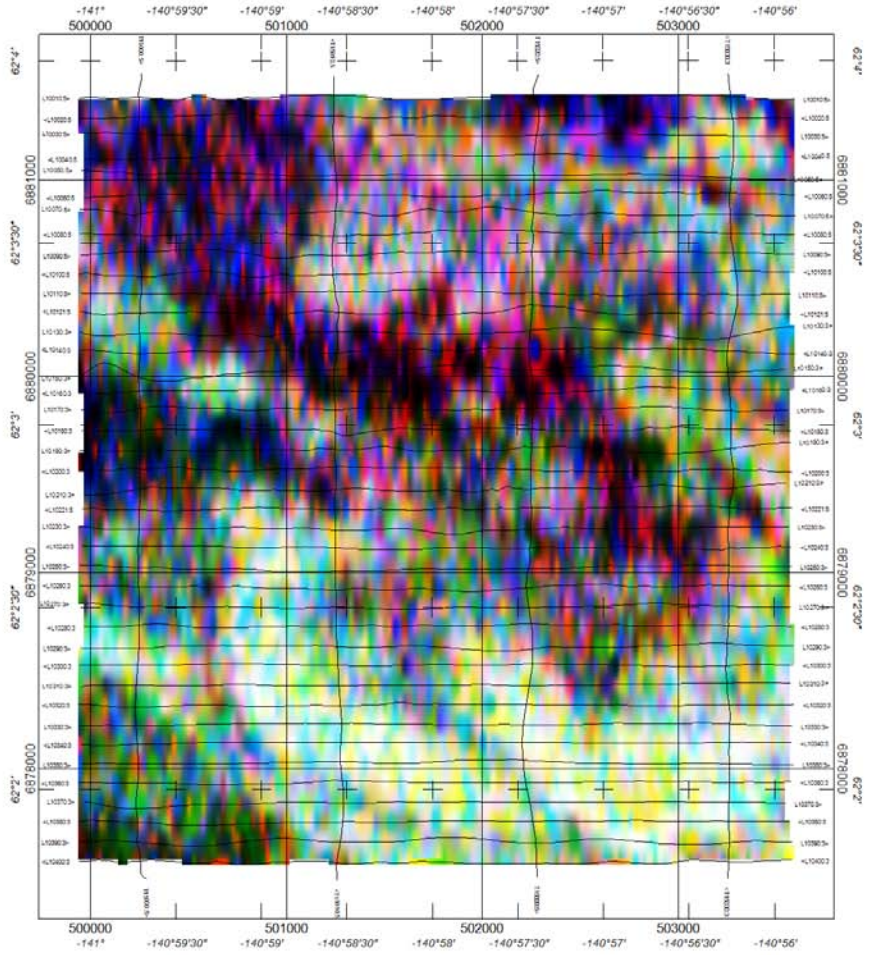
Nikki Block Image of Uranium Map



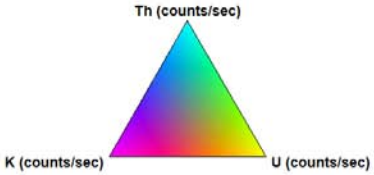
Nikki Block Image of Total Count Map



Nikki Block Image of Ternary Map







Scale 1:20000

250 0 250 500 750 1000

(meters)

NAD83 / UTM zone 7N

Grid Info
Gridding Method - Bi-directional
Grid Cell Size - 25 m
Spline Down Line - Akima
Spline Across Line - Akima
Trend Angle (deg. CCW from X) - 90

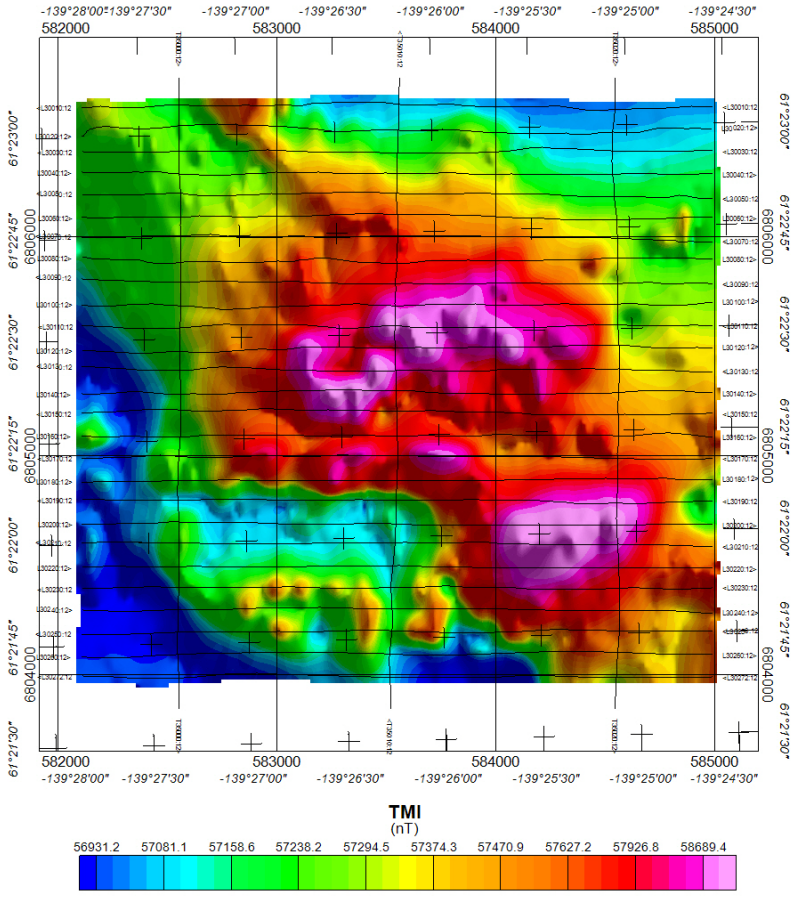
Line Spacing/Direction
Traverse Lines - 100 m, E-W
Control Lines - 1000 m, N-S

Average Sample Interval - 21.3 m/sample (1Hz)

Average Sensor Height From Ground - 41.0 m

STRATEGIC METALS LTD.
Helicopter Borne Magnetic and Spectrometric Survey **Nikki Block** **Ternary Image Map**
Dates Flown: August 8, 2010 - August 17, 2010
New-Sense Geophysics Ltd.

Corky Block Image of TMI FINAL Map



Scale 1:20000

250 0 250 500 750 1000

(meters)

NAD83 / UTM zone 7N

Grid Info:
Gridding Method - Bi-directional
Grid Cell Size - 15 m
Spline Down Line - Akima
Spline Across Line - Akima
Trend Angle (deg. CCW from X axis) - 90

Line Spacing/Direction:
Traverse Lines - 100 m, E-W
Control Lines - 1000 m, N-S

Average Sample Interval - 2.2 m/sample (10Hz)

Average Sensor Height From Ground - 33.1 m

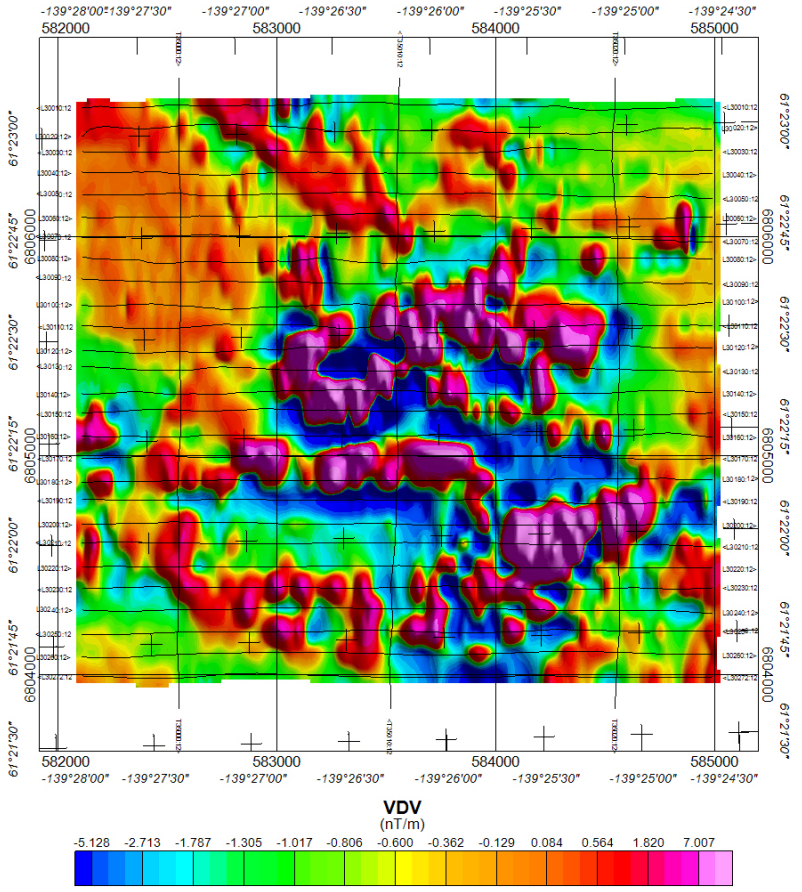
STRATEGIC METALS LTD.

Helicopter Borne Magnetic and Spectrometric Survey
Corky Block
Total Magnetic Intensity (TMI) Map

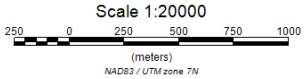
Dates Flown: August 8, 2010 - August 17, 2010

New-Sense Geophysics. Ltd.

Corky Block Image of VDV Map







Grid Info:
Gridding Method - Bi-directional
Grid Cell Size - 15 m
Spline Down Line - Akima
Spline Across Line - Akima
Trend Angle (deg. CCW from X axis) - 90

Line Spacing/Direction:
Traverse Lines - 100 m, E-W
Control Lines - 1000 m, N-S

Average Sample Interval - 2.2 m/sample (10Hz)

Average Sensor Height From Ground - 33.1 m

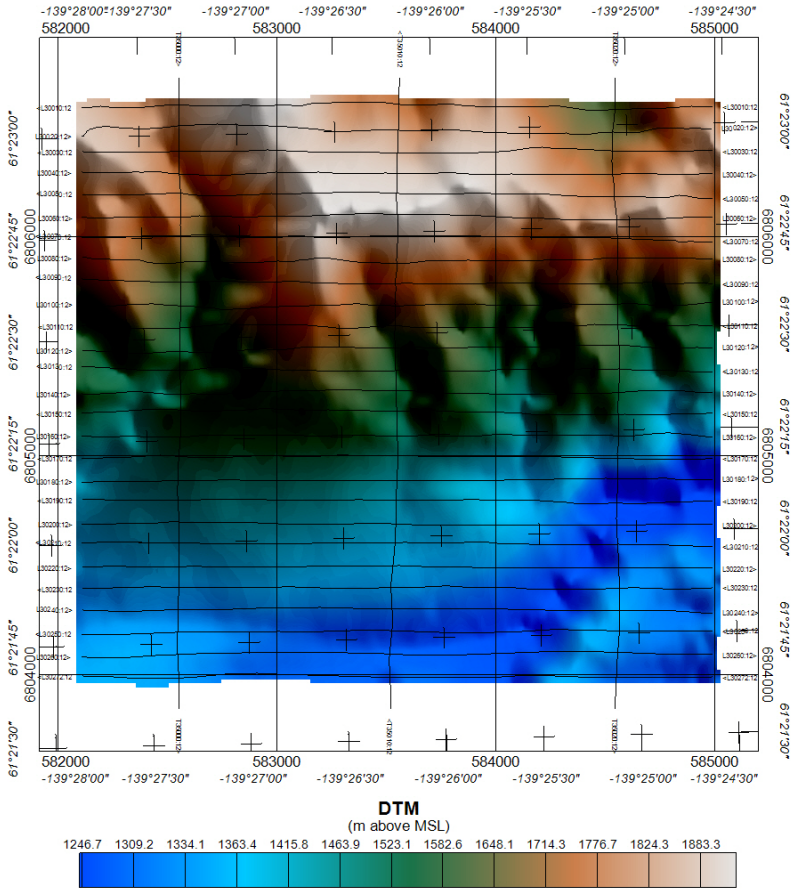
STRATEGIC METALS LTD.

Helicopter Borne Magnetic and Spectrometric Survey
Corky Block
1st Order Vertical Derivative (VDV) Map

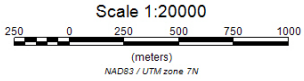
Dates Flown: August 8, 2010 - August 17, 2010

New-Sense Geophysics. Ltd.

Corky Block Image of DTM Map







Grid Info:
Gridding Method - Bi-directional
Grid Cell Size - 15 m
Spline Down Line - Akima
Spline Across Line - Akima
Trend Angle (deg. CCW from X axis) - 90

Line Spacing/Direction:
Traverse Lines - 100 m, E-W
Control Lines - 1000 m, N-S

Average Sample Interval - 2.2 m/sample (10Hz)

Average Sensor Height From Ground - 33.1 m

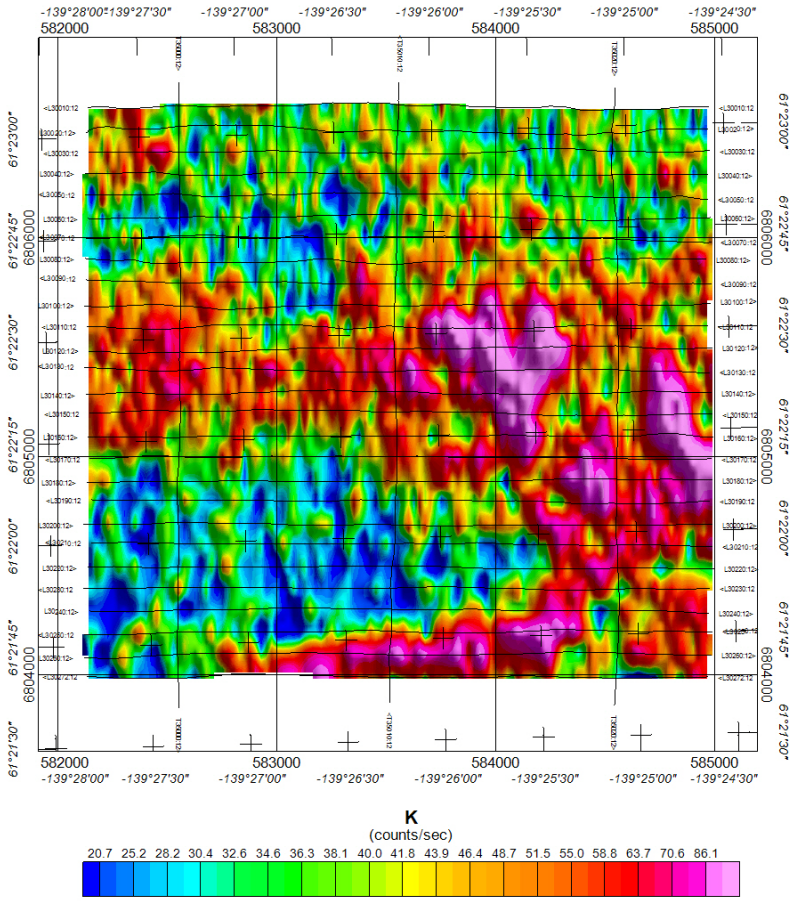
STRATEGIC METALS LTD.

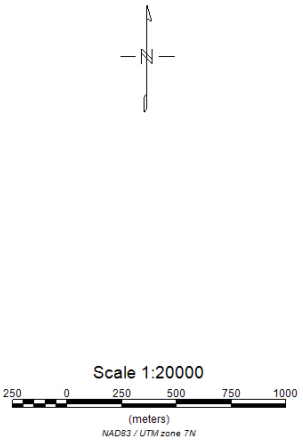
Helicopter Borne Magnetic and Spectrometric Survey
Corky Block
Digital Terrain Model (DTM) Map

Dates Flown: August 8, 2010 - August 17, 2010

New-Sense Geophysics. Ltd.

Corky Block Image of Potassium Map





Grid Info:
Gridding Method - Bi-directional
Grid Cell Size - 25 m
Spline Down Line - Akima
Spline Across Line - Akima
Trend Angle (deg. CCW from X axis) - 90

Line Spacing/Direction:
Traverse Lines - 100 m, E-W
Control Lines - 1000 m, N-S

Average Sample Interval - 22.3 m/sample (1Hz)

Average Sensor Height From Ground - 33.1 m

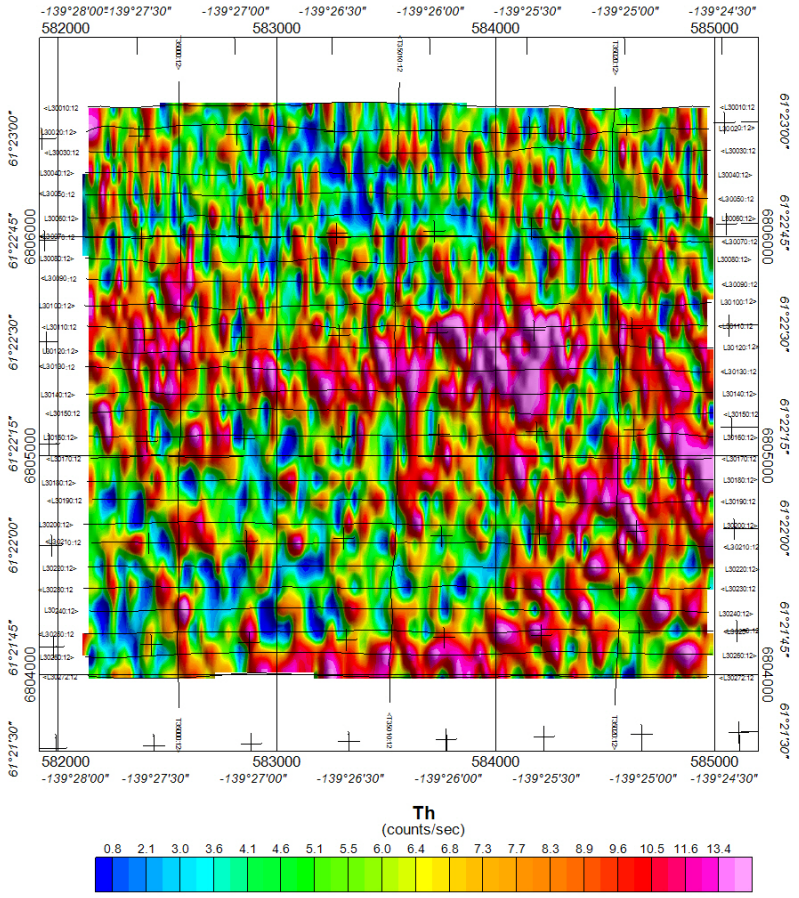
STRATEGIC METALS LTD.

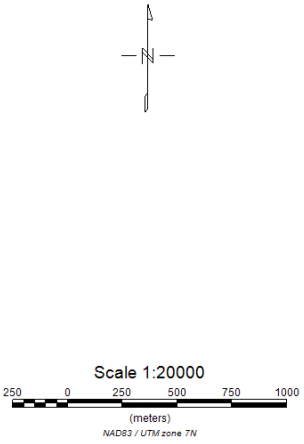
Helicopter Borne Magnetic and Spectrometric Survey
Corky Block
Potassium (K) Map

Dates Flown: August 8, 2010 - August 17, 2010

New-Sense Geophysics. Ltd.

Corky Block Image of Thorium Map





Grid Info:
Gridding Method - Bi-directional
Grid Cell Size - 25 m
Spline Down Line - Akima
Spline Across Line - Akima
Trend Angle (deg. CCW from X axis) - 90

Line Spacing/Direction:
Traverse Lines - 100 m, E-W
Control Lines - 1000 m, N-S

Average Sample Interval - 22.3 m/sample (1Hz)

Average Sensor Height From Ground - 33.1 m

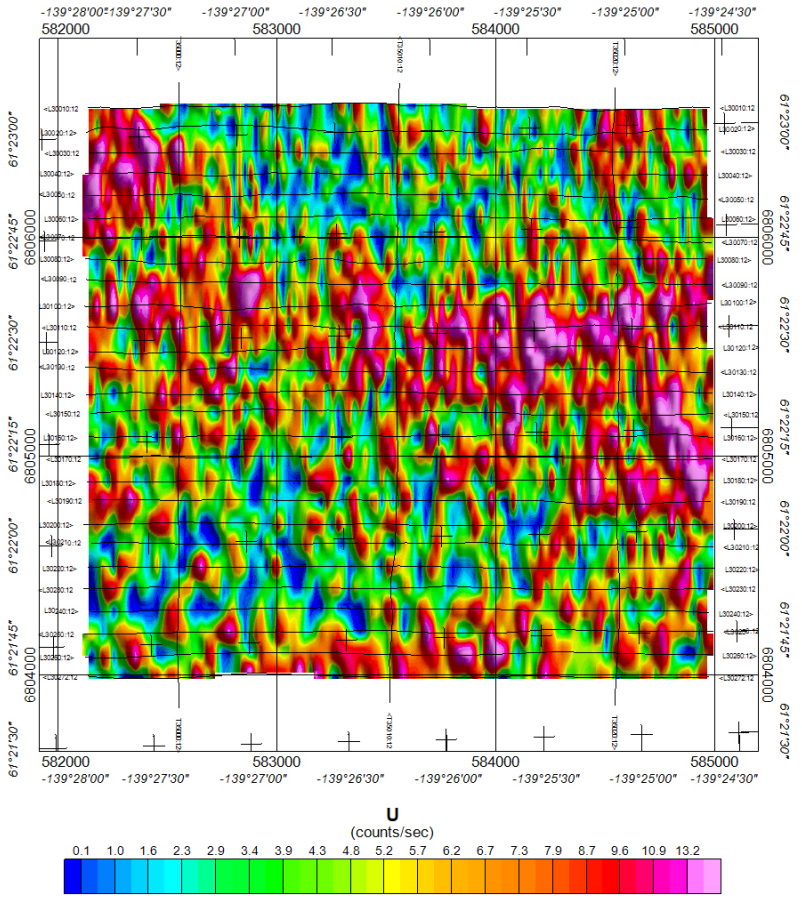
STRATEGIC METALS LTD.

Helicopter Borne Magnetic and Spectrometric Survey
Corky Block
Thorium (Th) Map

Dates Flown: August 8, 2010 - August 17, 2010

New-Sense Geophysics. Ltd.

Corky Block Image of Uranium Map



Scale 1:20000

250 0 250 500 750 1000

(meters)

NAD83 / UTM zone 7N

Grid Info:
Gridding Method - Bi-directional
Grid Cell Size - 25 m
Spline Down Line - Akima
Spline Across Line - Akima
Trend Angle (deg. CCW from X axis) - 90

Line Spacing/Direction:
Traverse Lines - 100 m, E-W
Control Lines - 1000 m, N-S

Average Sample Interval - 22.3 m/sample (1Hz)

Average Sensor Height From Ground - 33.1 m

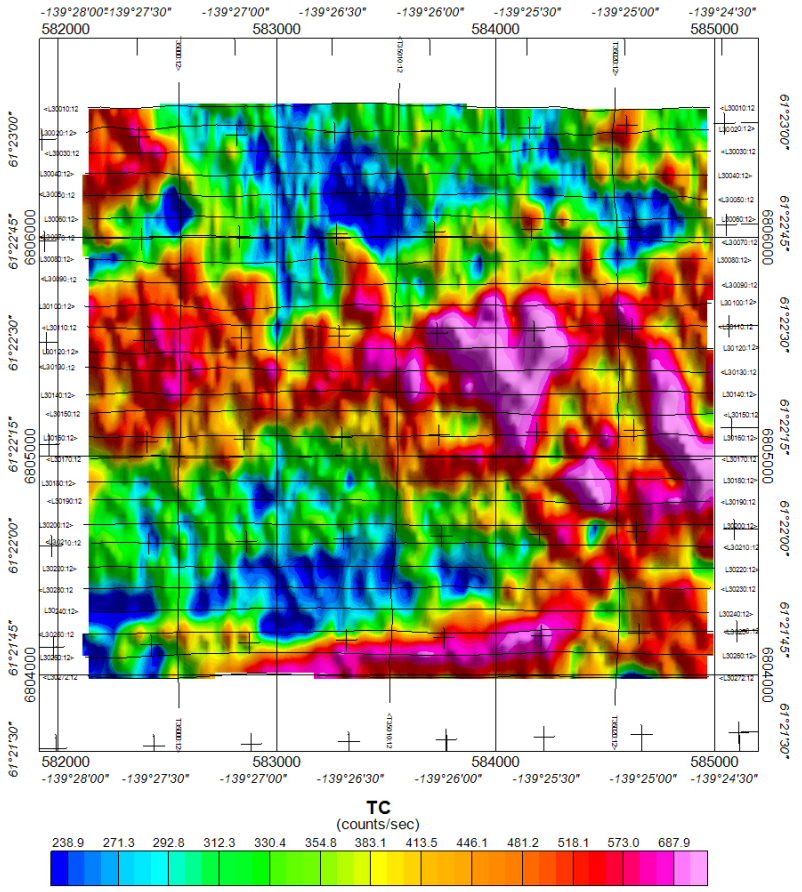
STRATEGIC METALS LTD.

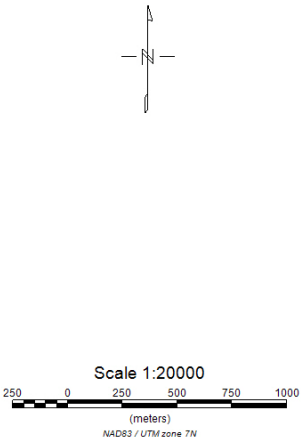
Helicopter Borne Magnetic and Spectrometric Survey
Corky Block
Uranium (U) Map

Dates Flown: August 8, 2010 - August 17, 2010

New-Sense Geophysics. Ltd.

Corky Block Image of Total Count Map





Grid Info:
Gridding Method - Bi-directional
Grid Cell Size - 25 m
Spline Down Line - Akima
Spline Across Line - Akima
Trend Angle (deg. CCW from X axis) - 90

Line Spacing/Direction:
Traverse Lines - 100 m, E-W
Control Lines - 1000 m, N-S

Average Sample Interval - 22.3 m/sample (1Hz)

Average Sensor Height From Ground - 33.1 m

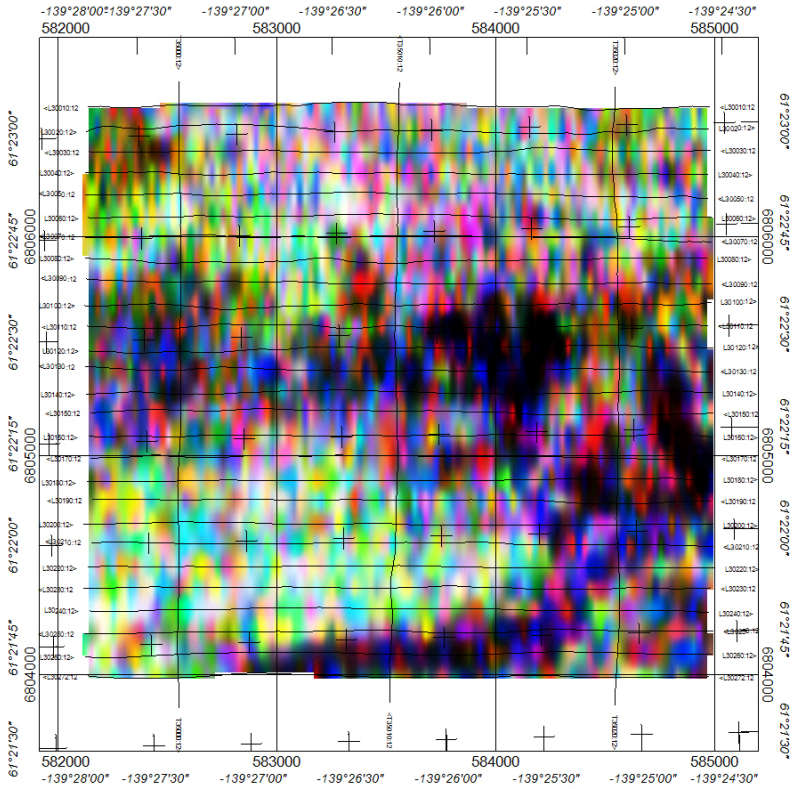
STRATEGIC METALS LTD.

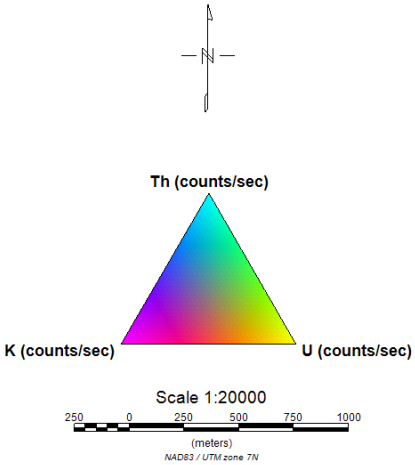
Helicopter Borne Magnetic and Spectrometric Survey
Corky Block
Total Count (TC) Map

Dates Flown: August 8, 2010 - August 17, 2010

New-Sense Geophysics. Ltd.

Corky Block Image of Ternary Map





Grid Info:
Gridding Method - Bi-directional
Grid Cell Size - 25 m
Spline Down Line - Akima
Spline Across Line - Akima
Trend Angle (deg. CCW from X axis) - 90

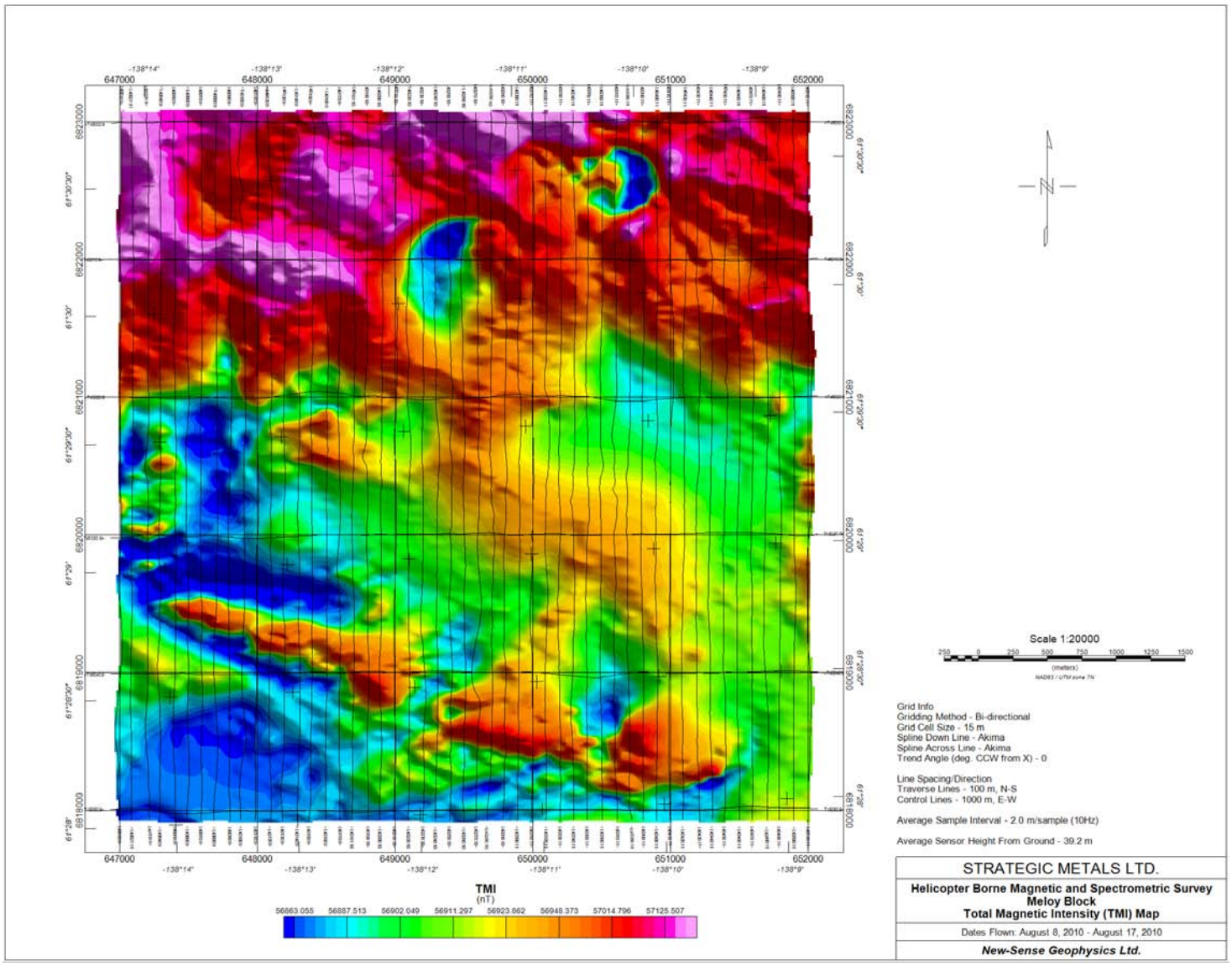
Line Spacing/Direction:
Traverse Lines - 100 m, E-W
Control Lines - 1000 m, N-S

Average Sample Interval - 22.3 m/sample (1Hz)

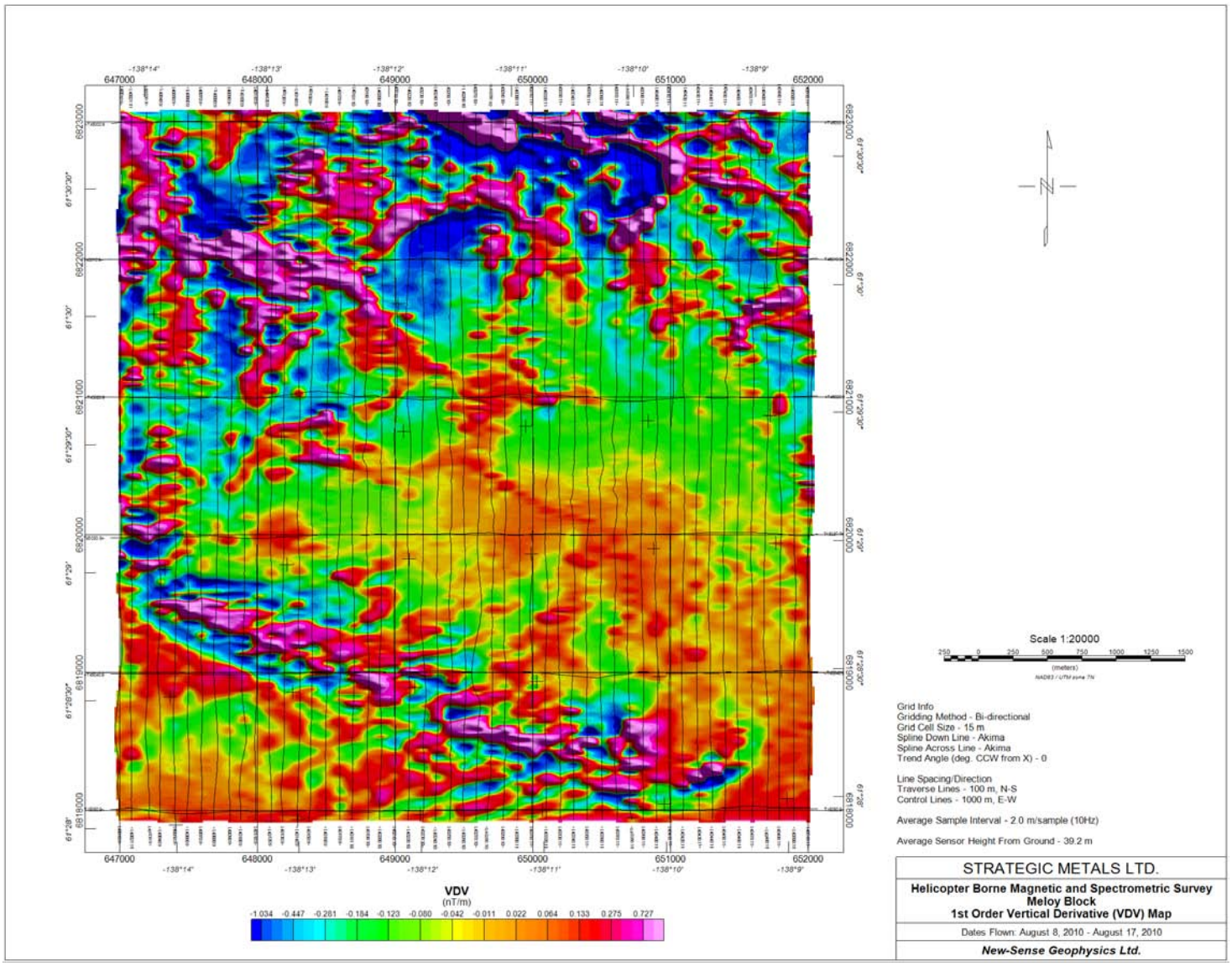
Average Sensor Height From Ground - 33.1 m

STRATEGIC METALS LTD.
Helicopter Borne Magnetic and Spectrometric Survey **Corky Block** **Ternary Map**
Dates Flown: August 8, 2010 - August 17, 2010
New-Sense Geophysics. Ltd.

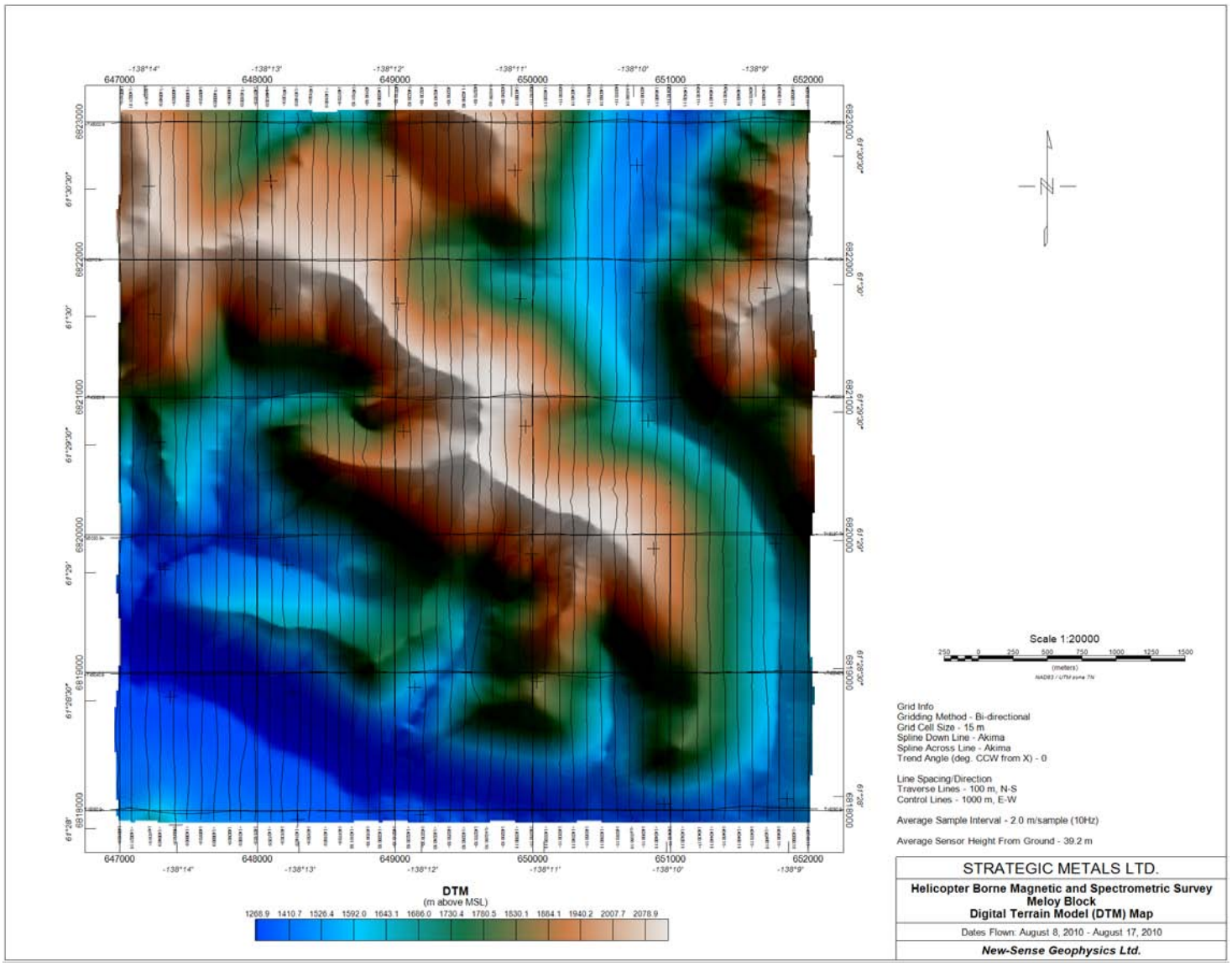
Meloy Block Image of TMI FINAL Map



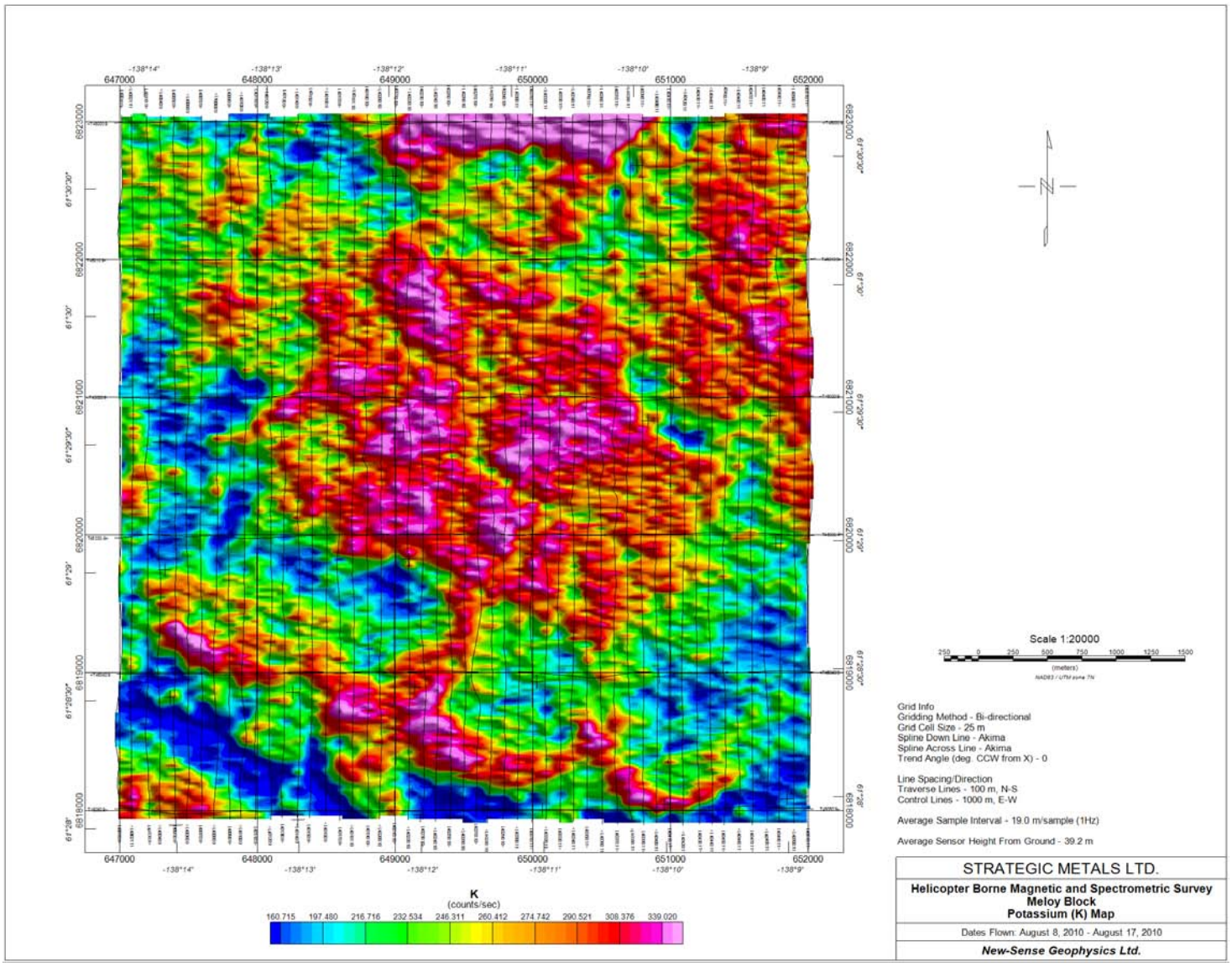
Meloy Block Image of VDV Map



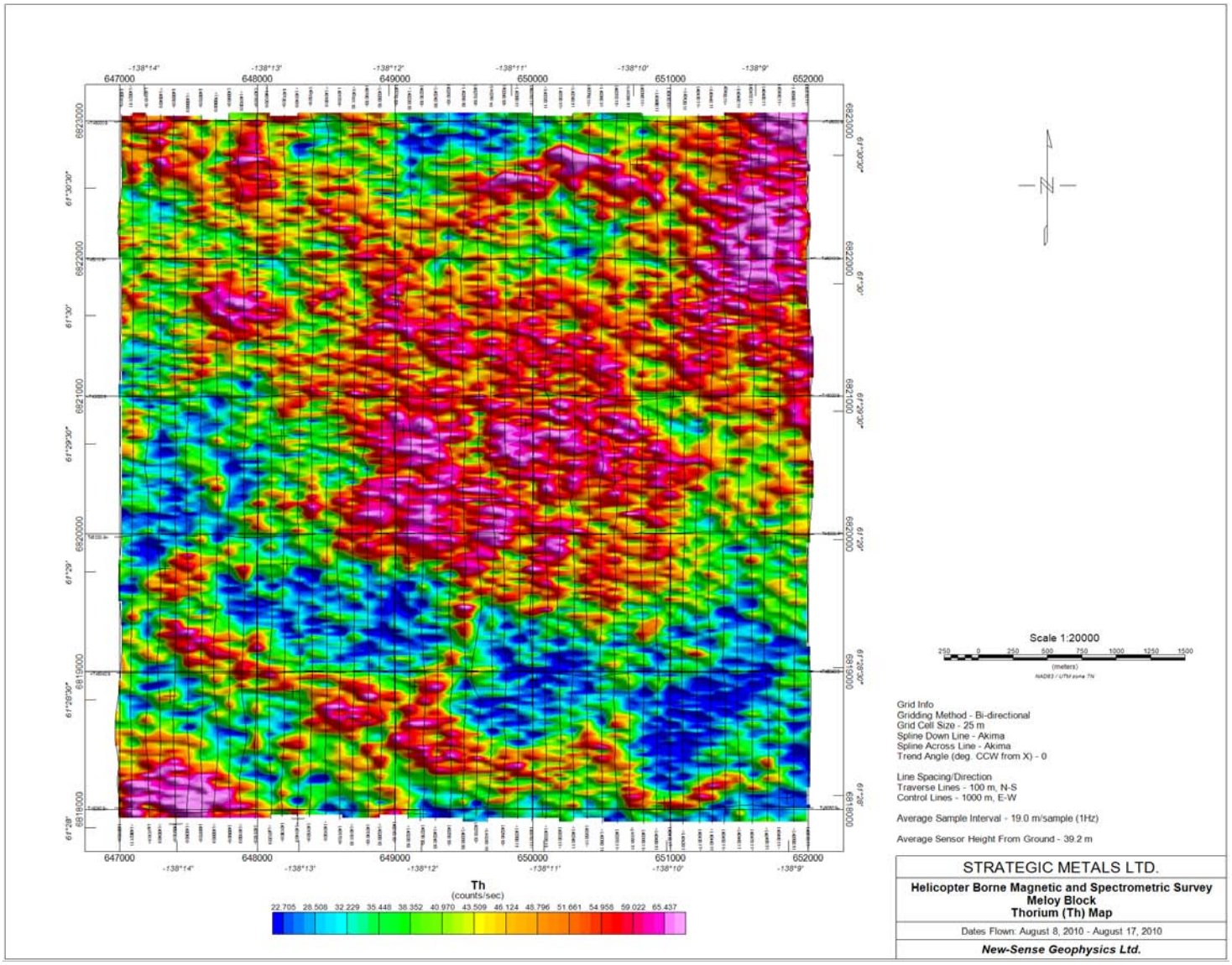
Meloy Block Image of DTM Map



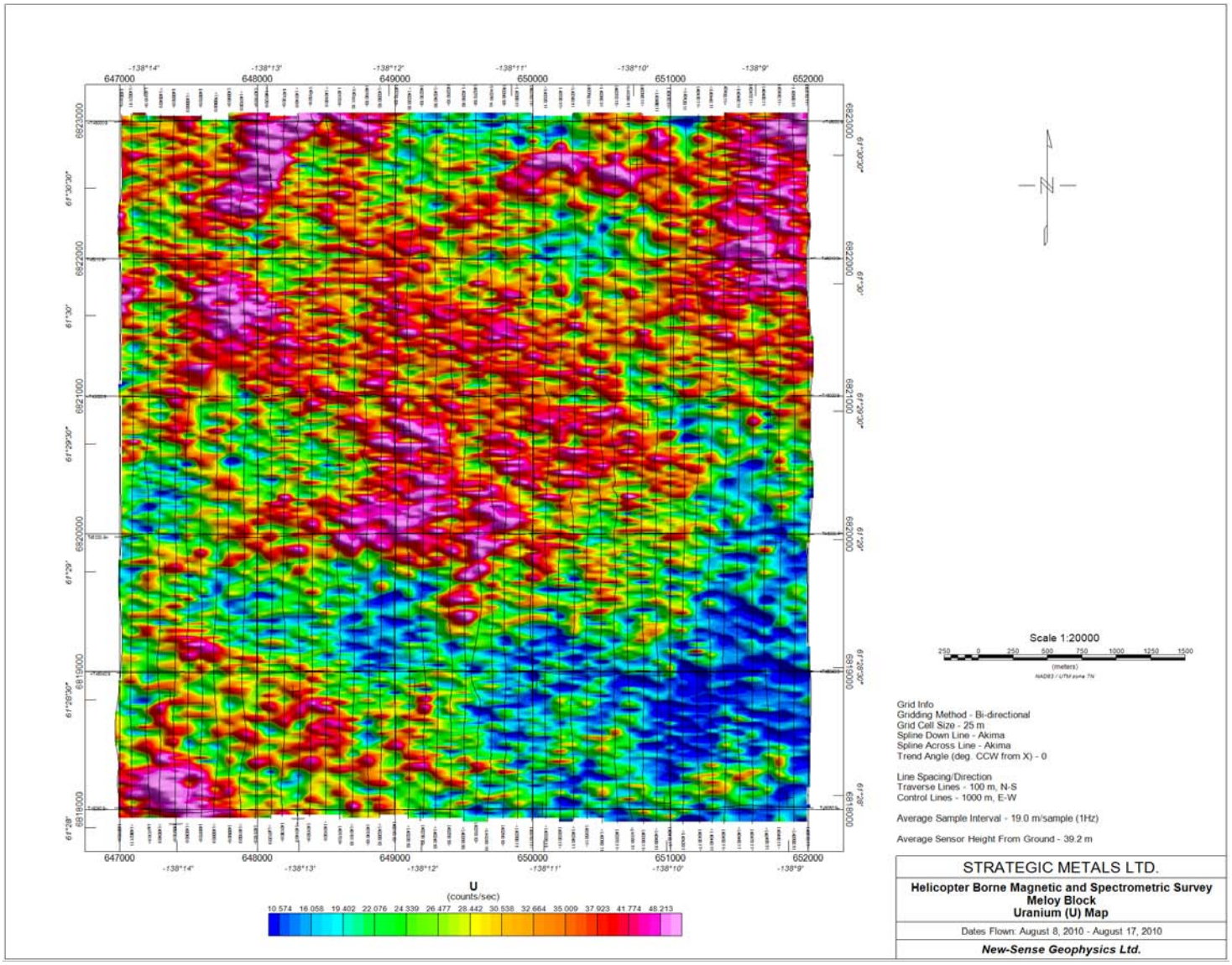
Meloy Block Image of Potassium Map



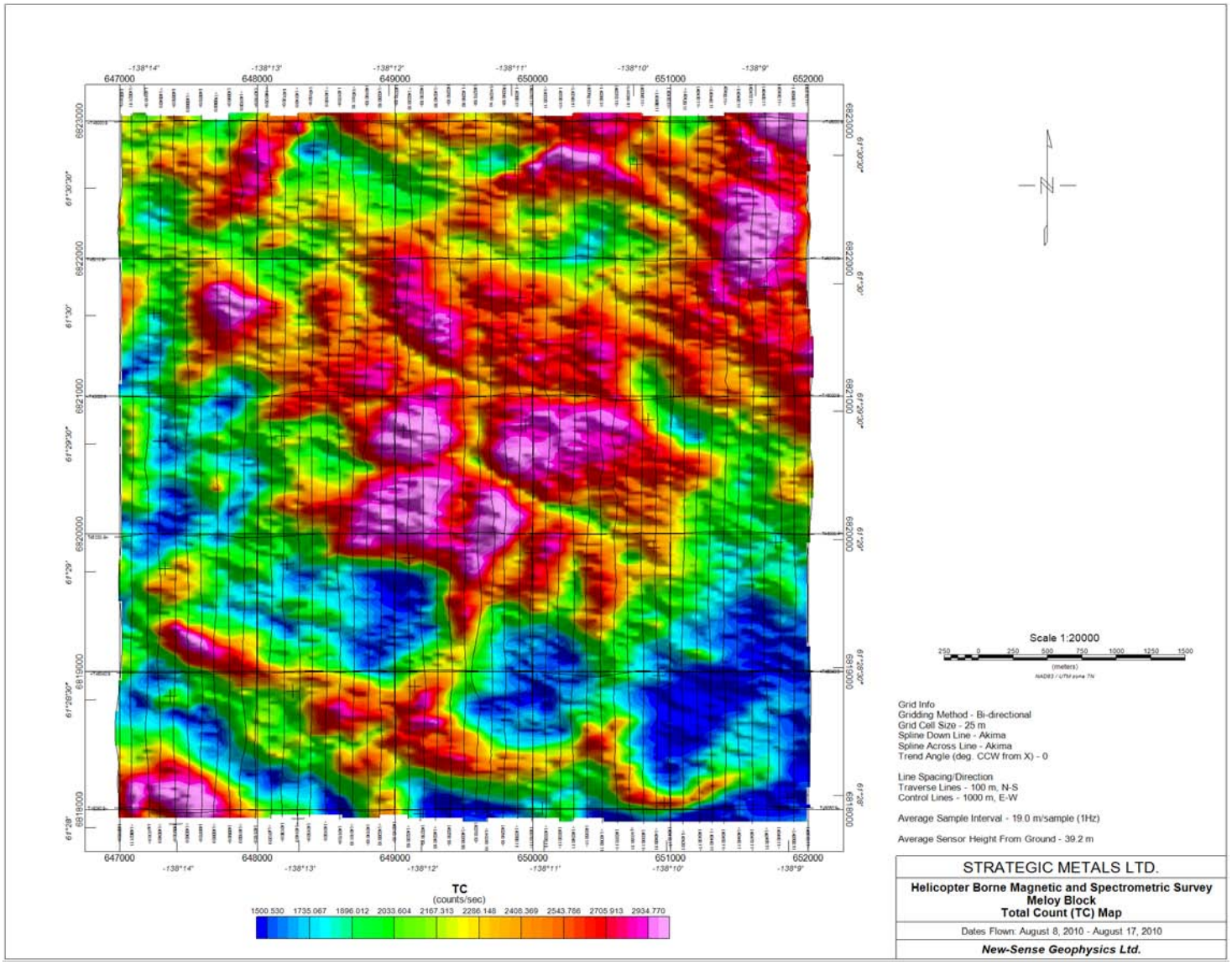
Meloy Block Image of Thorium Map



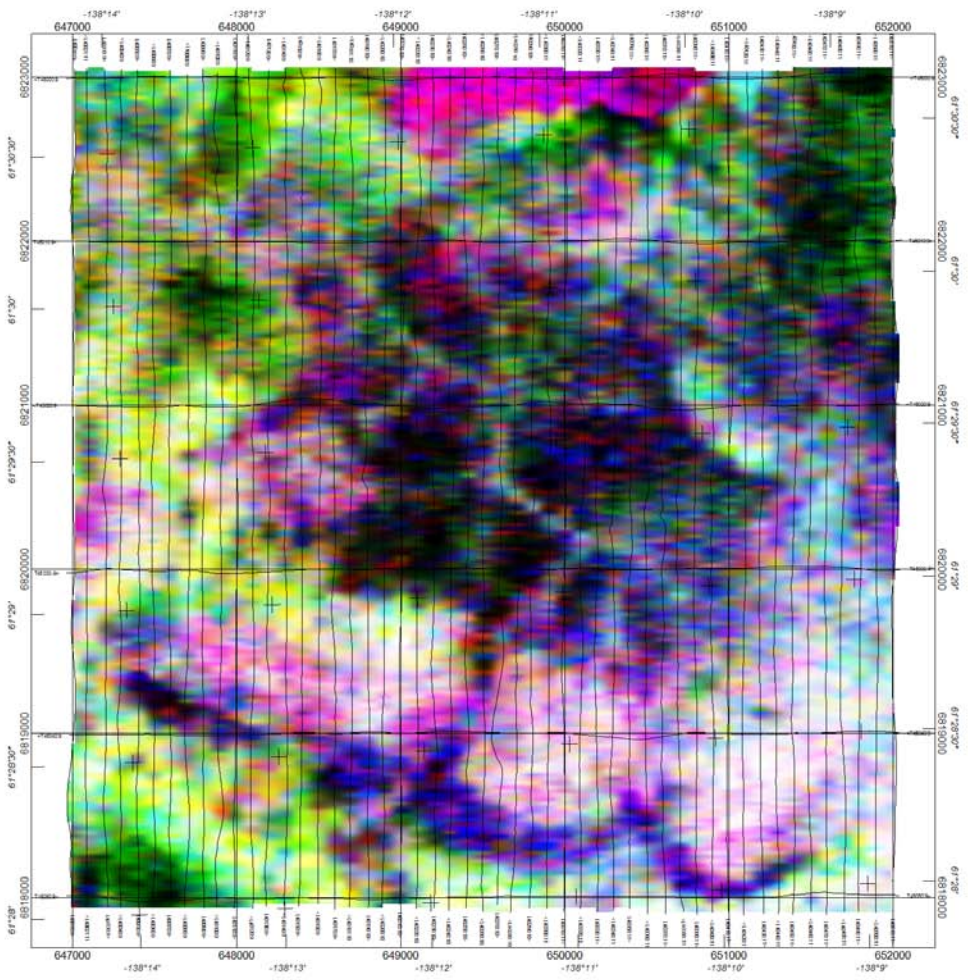
Meloy Block Image of Uranium Map



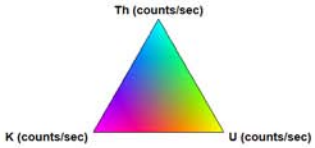
Meloy Block Image of Total Count Map



Meloy Block Image of Ternary Map









Grid Info
Gridding Method - Bi-directional
Grid Cell Size - 25 m
Spline Down Line - Akima
Spline Across Line - Akima
Trend Angle (deg. CCW from X) - 0

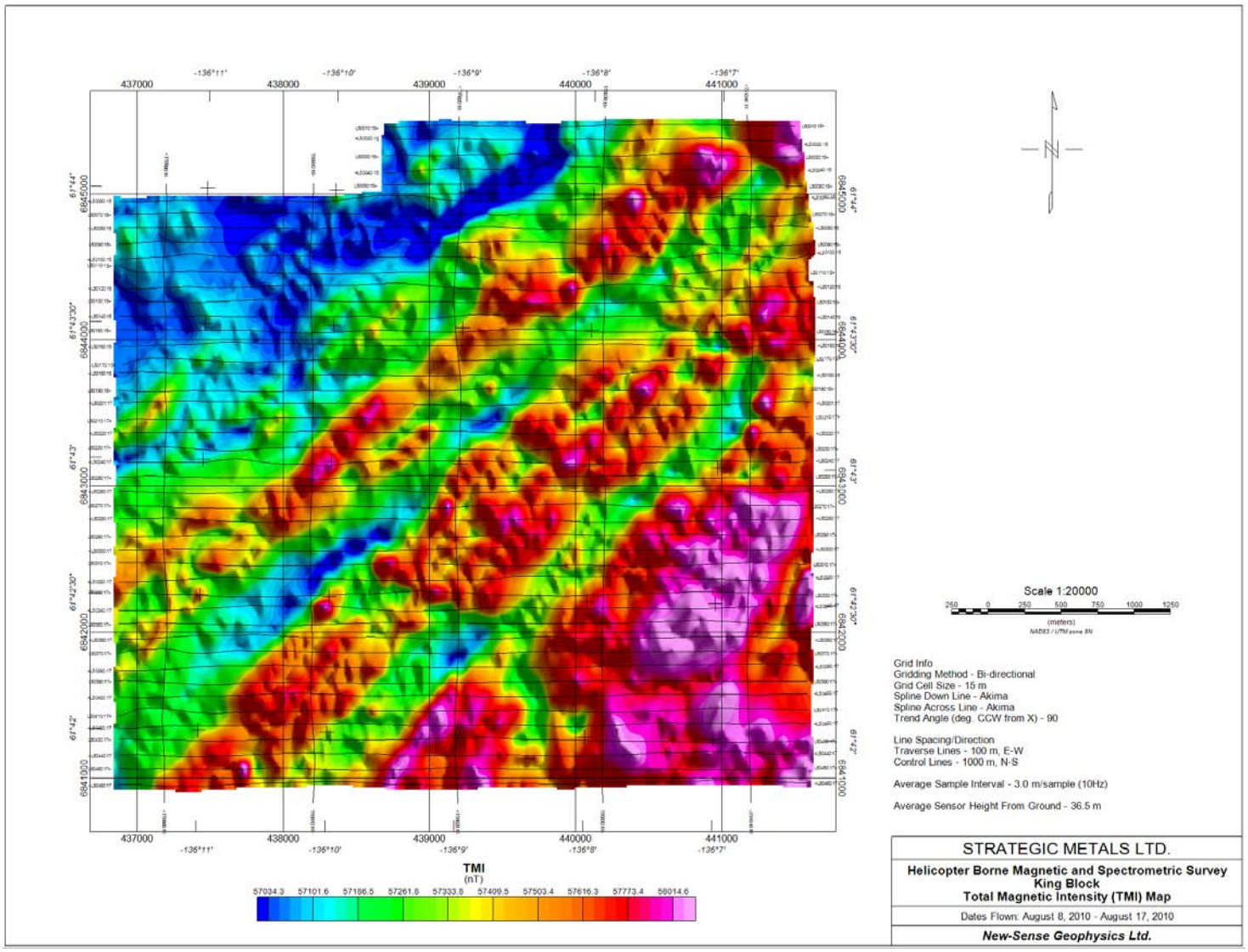
Line Spacing/Direction
Traverse Lines - 100 m, N-S
Control Lines - 1000 m, E-W

Average Sample Interval - 19.0 m/sample (1Hz)

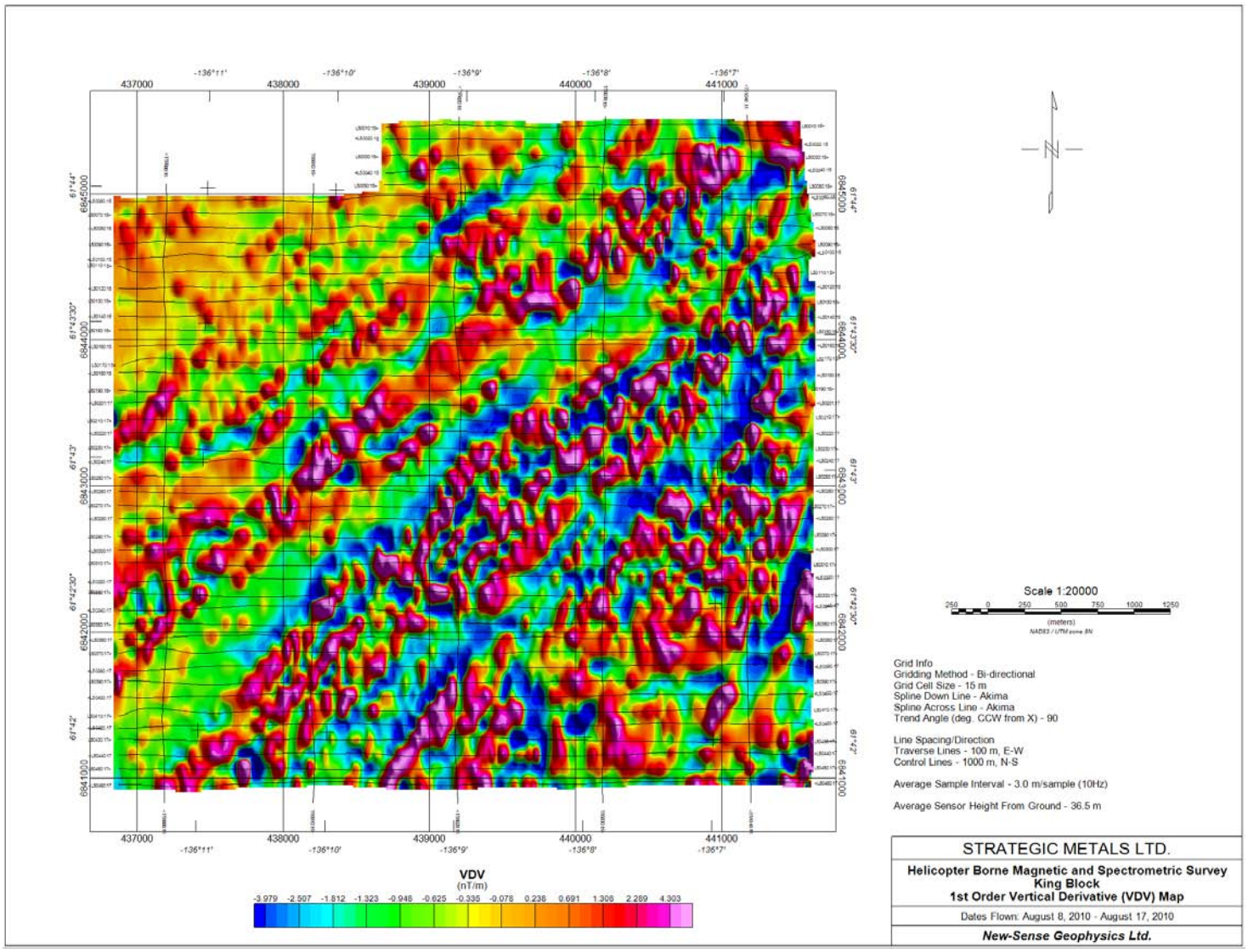
Average Sensor Height From Ground - 39.2 m

STRATEGIC METALS LTD.
Helicopter Borne Magnetic and Spectrometric Survey Meloy Block Ternary Image Map
Dates Flown: August 8, 2010 - August 17, 2010
New-Sense Geophysics Ltd.

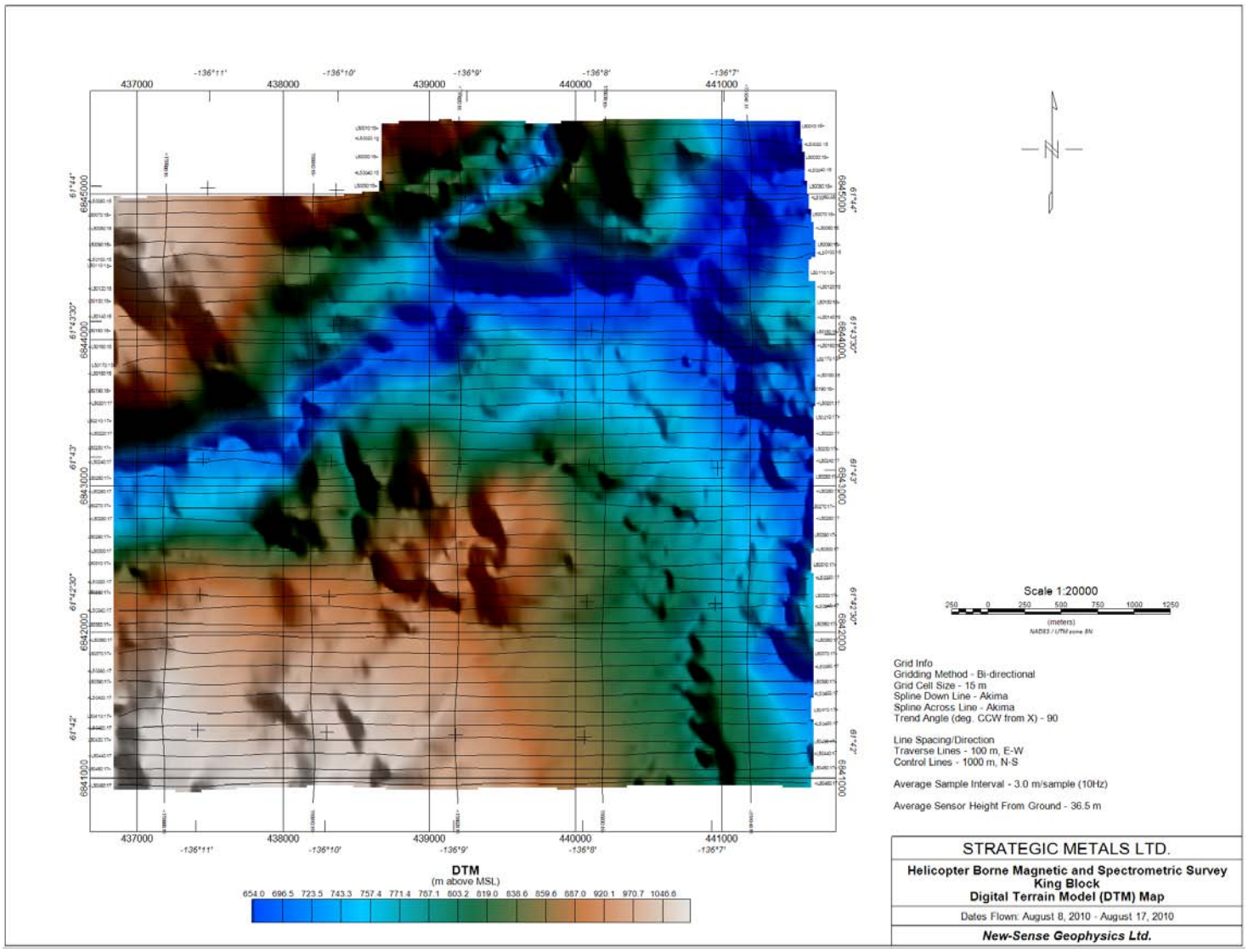
King Block Image of TMI FINAL Map



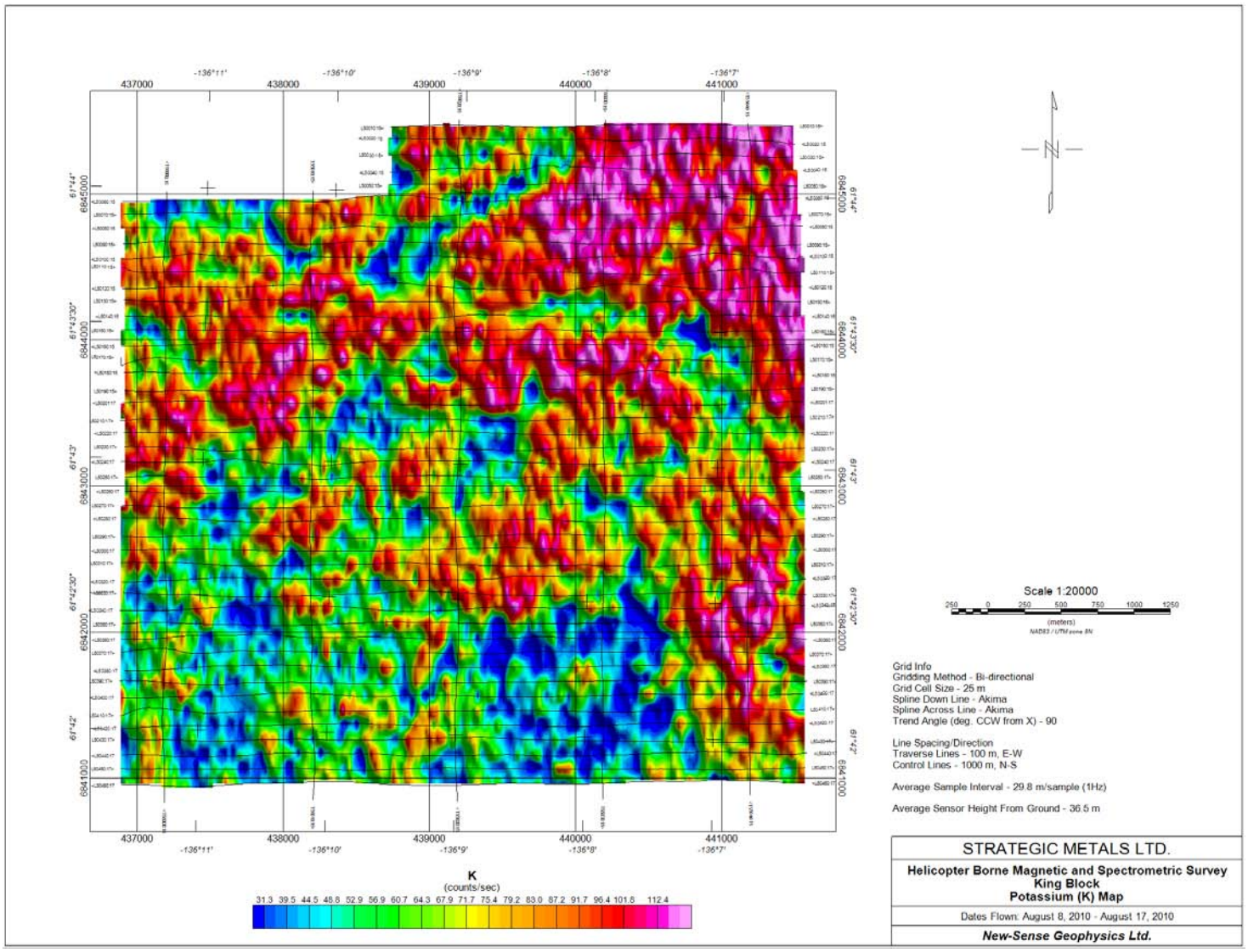
King Block Image of VDV Map



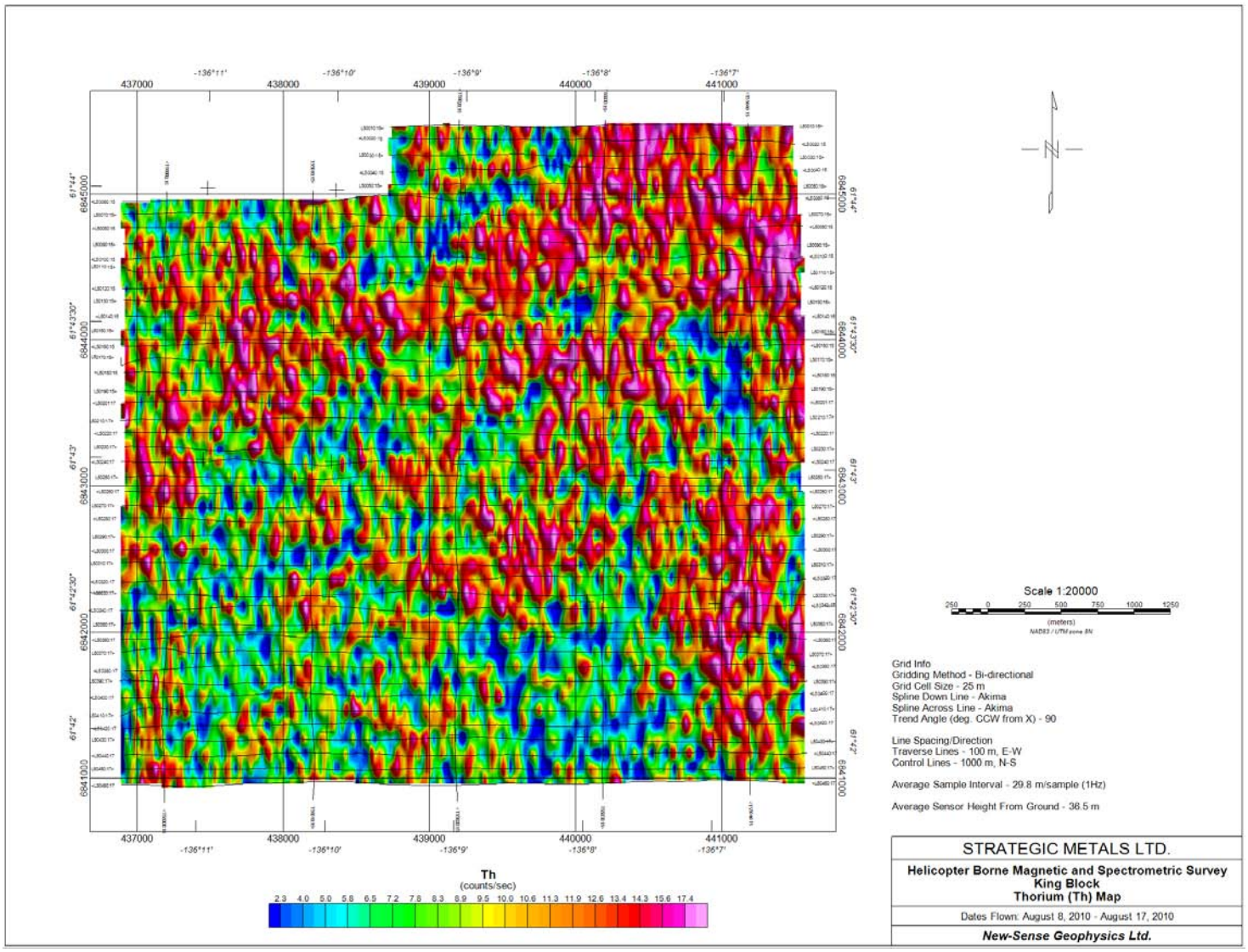
King Block Image of DTM Map



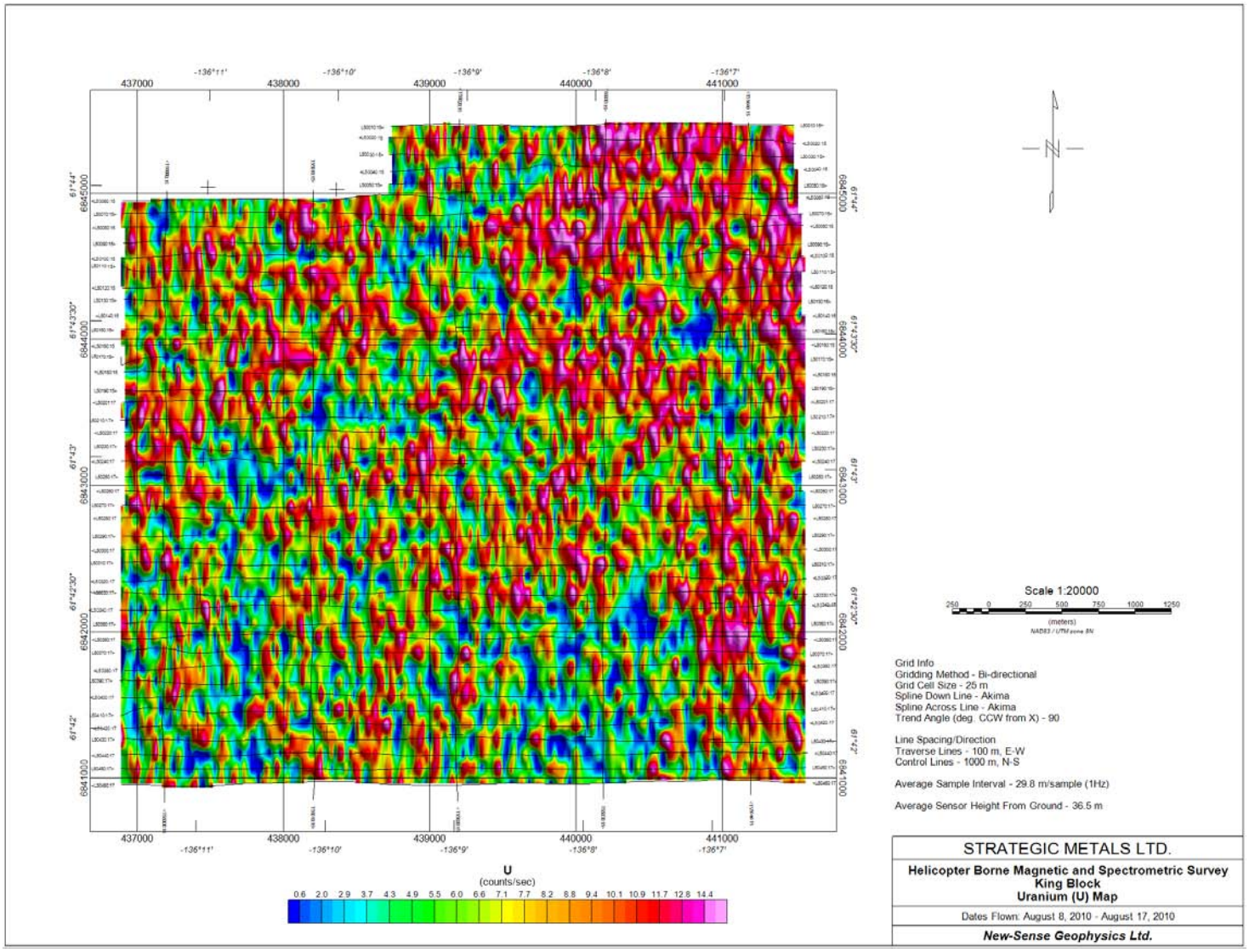
King Block Image of Potassium Map



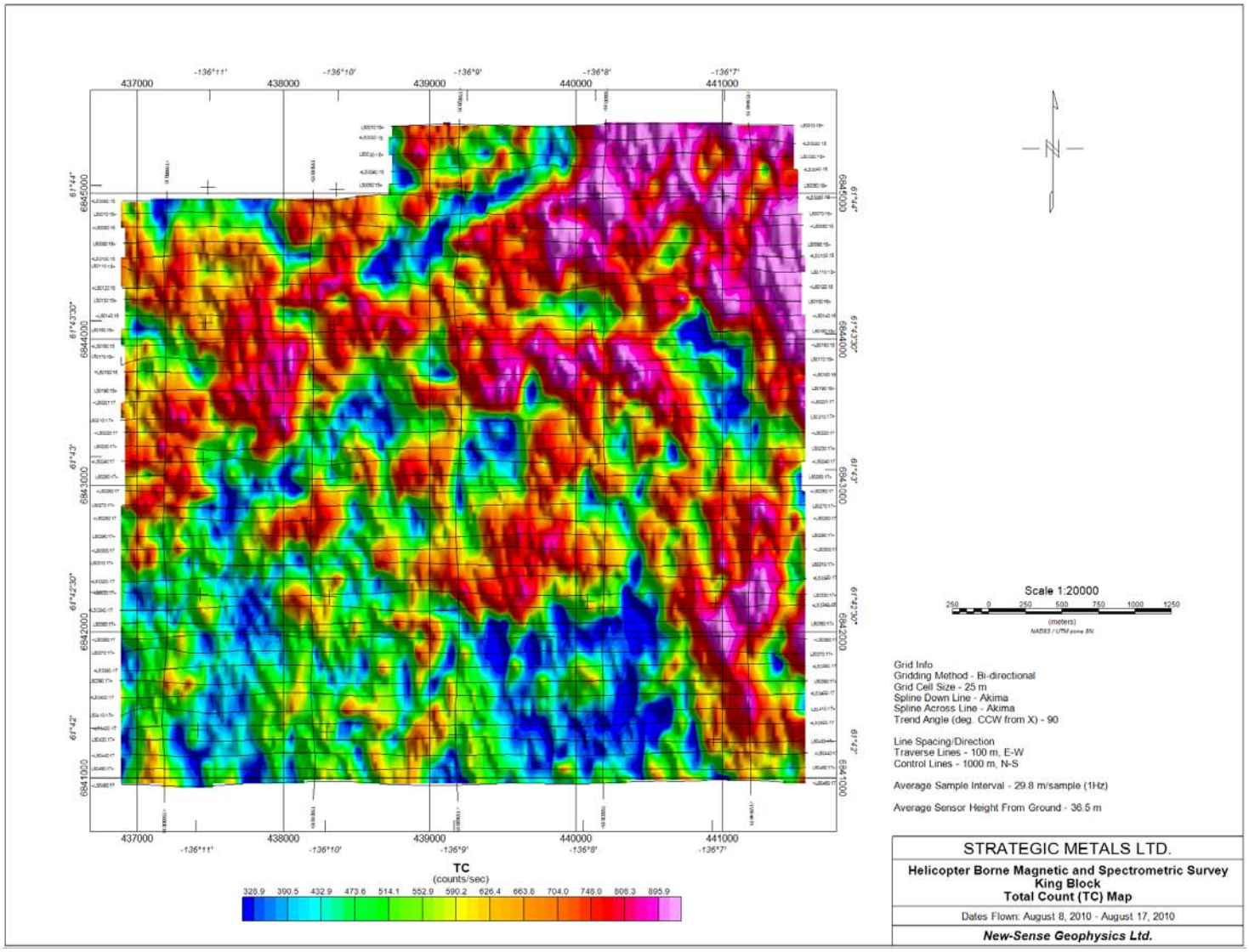
King Block Image of Thorium Map



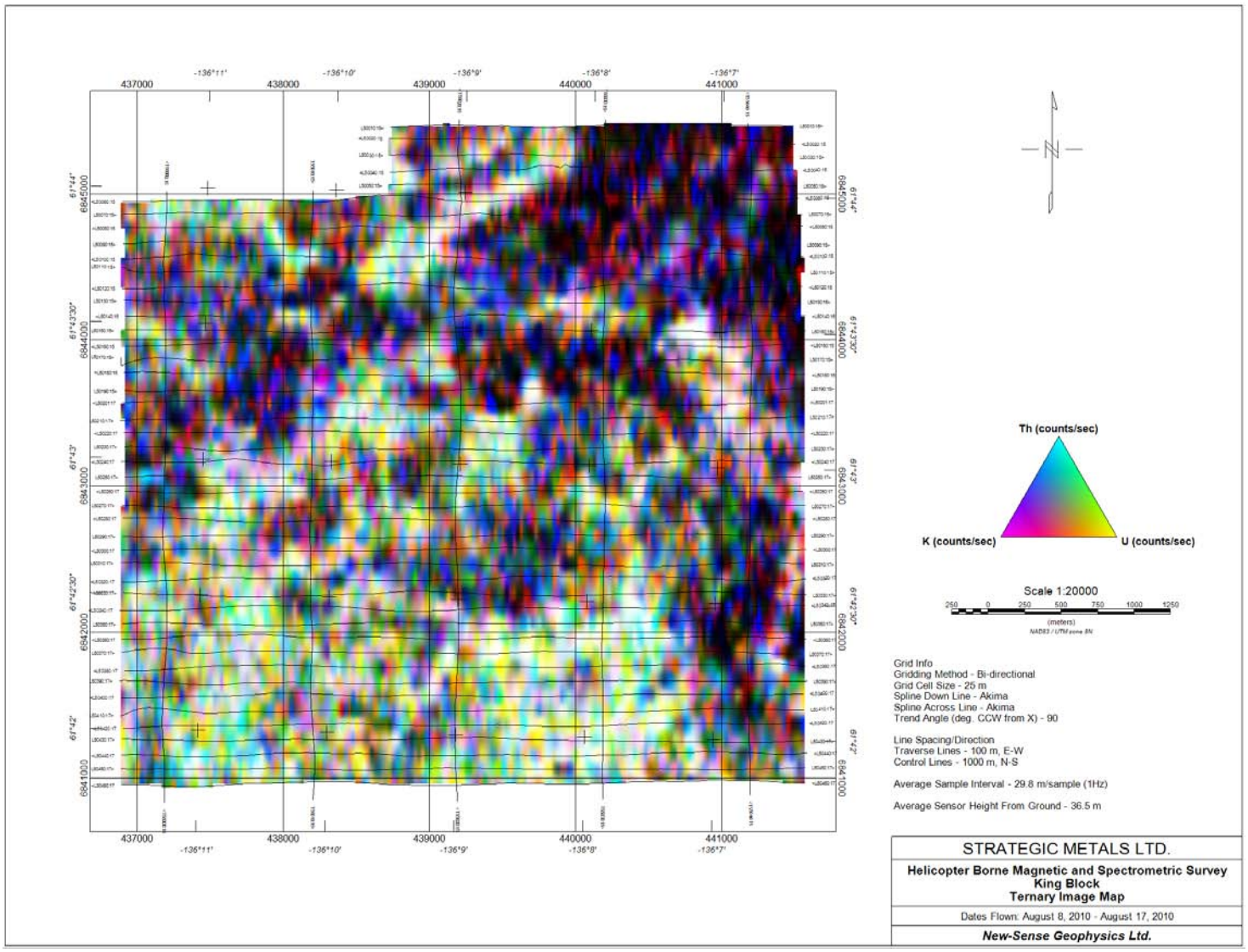
King Block Image of Uranium Map



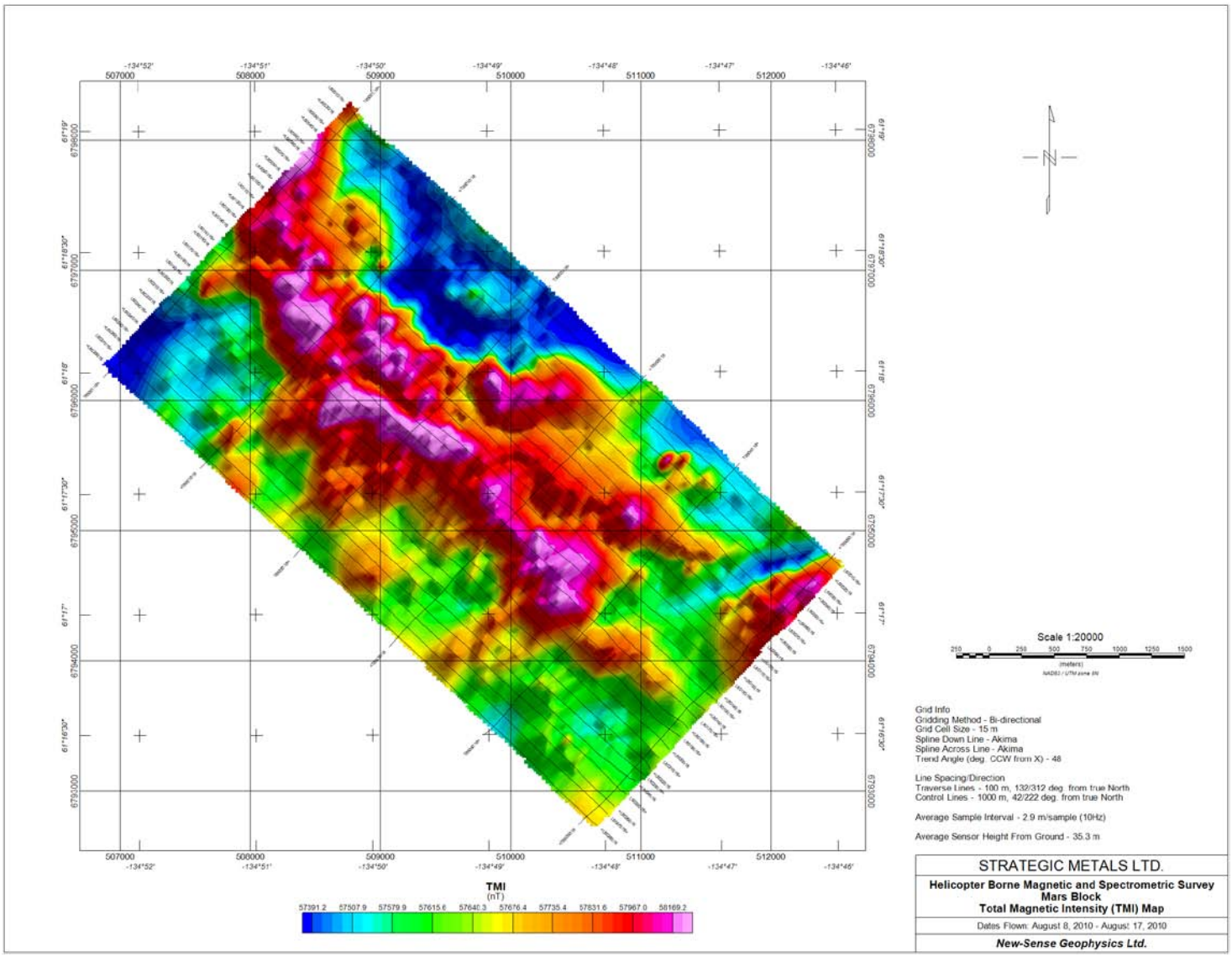
King Block Image of Total Count Map



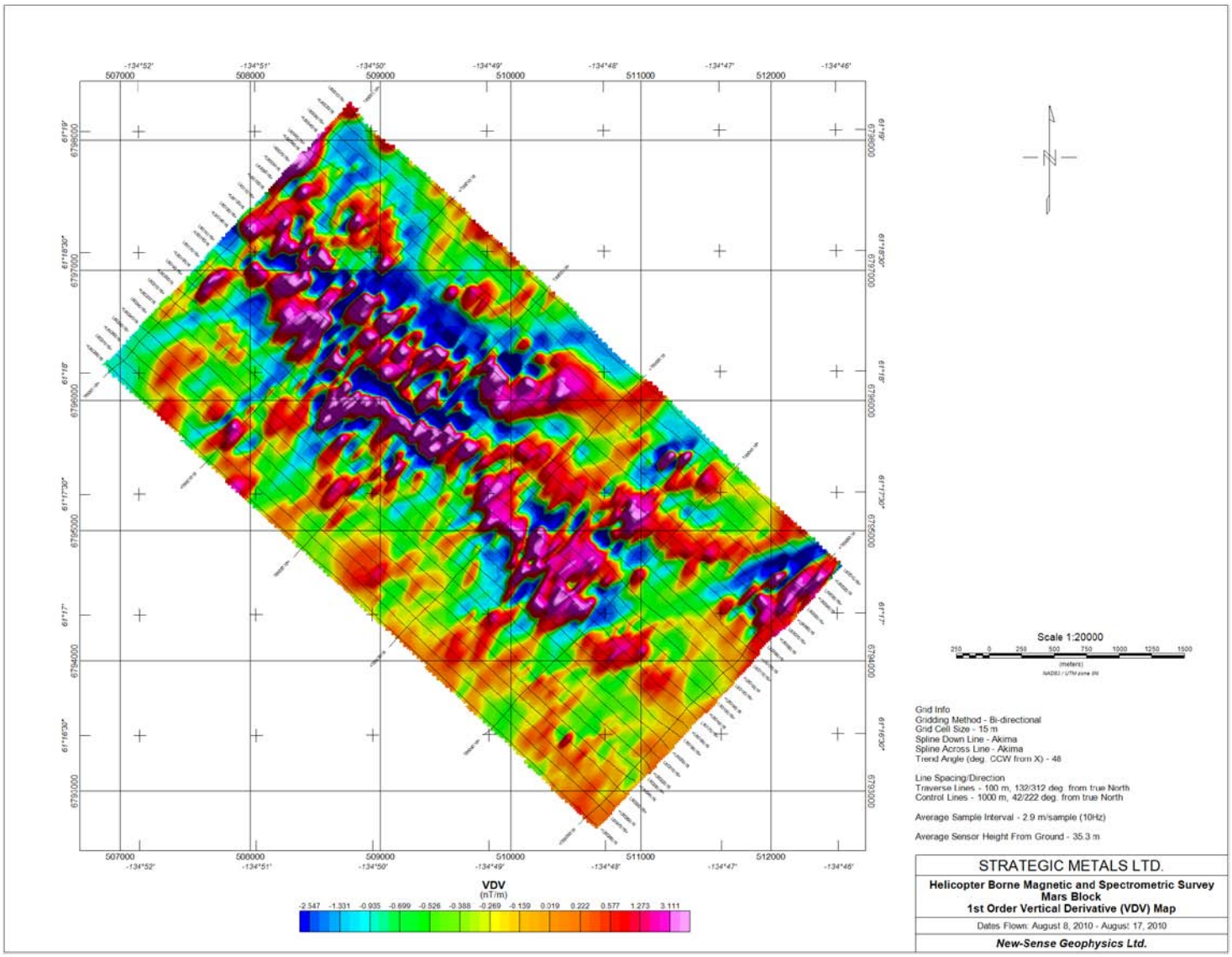
King Block Image of Ternary Map



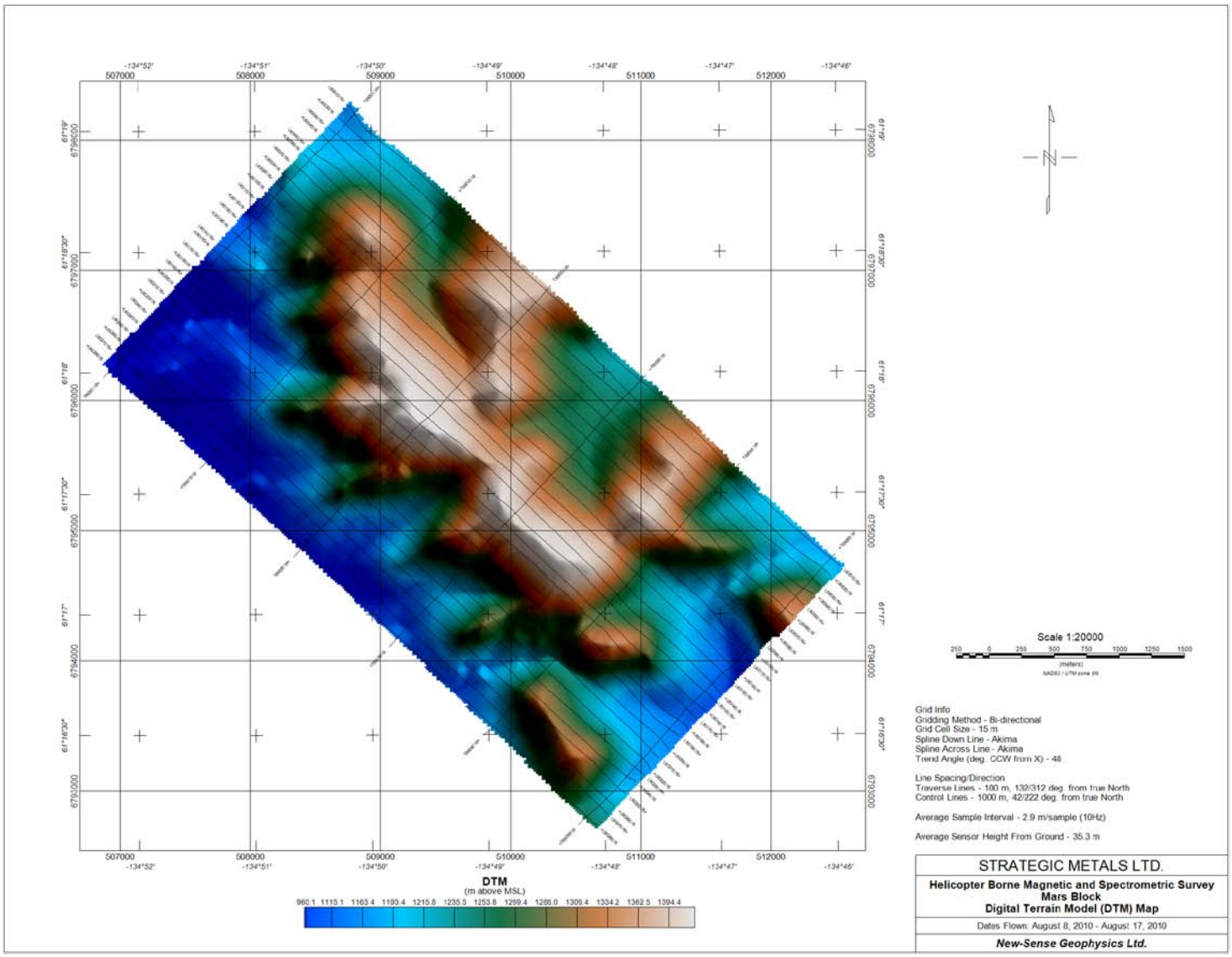
Mars Block Image of TMI FINAL Map



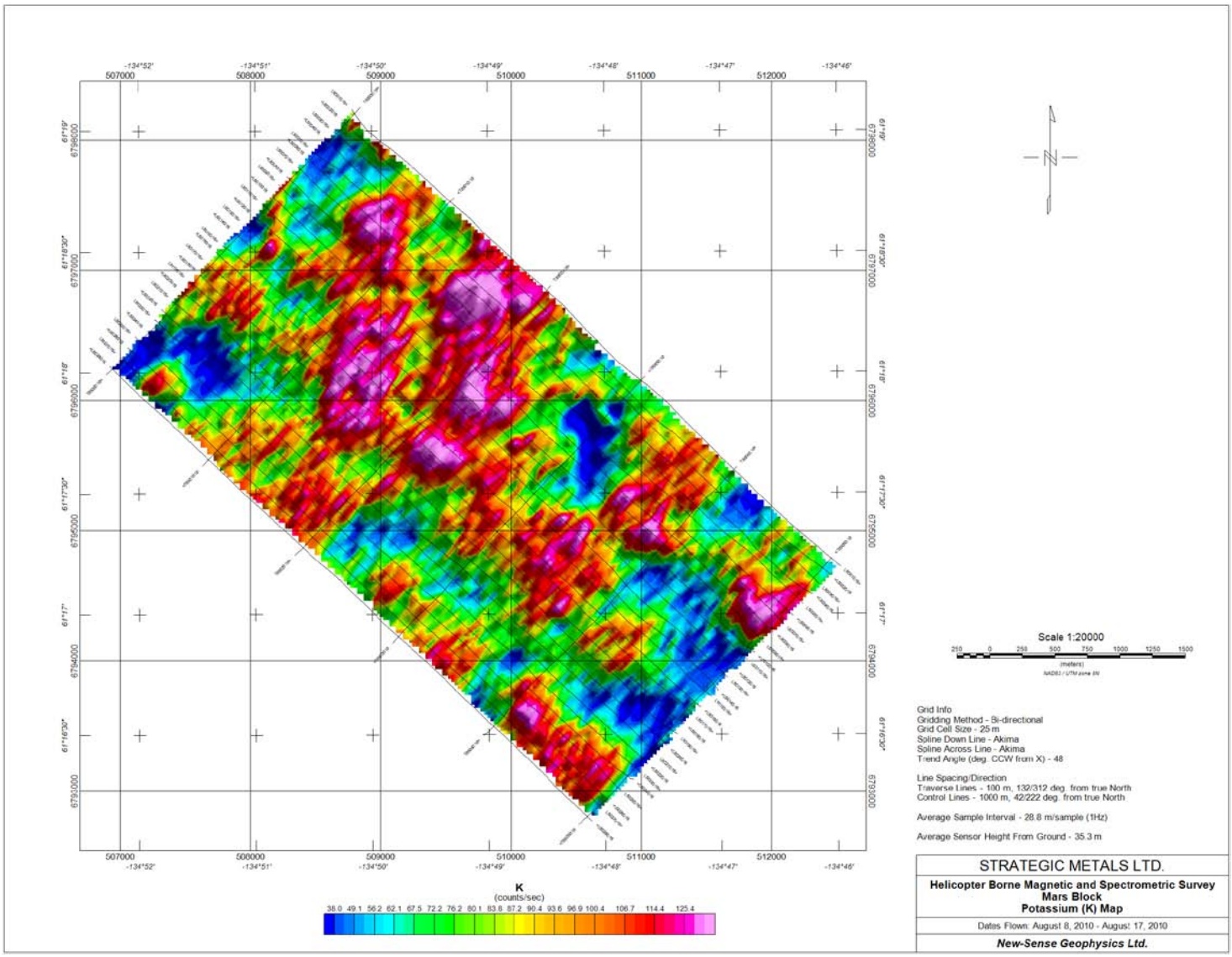
Mars Block Image of VDV Map



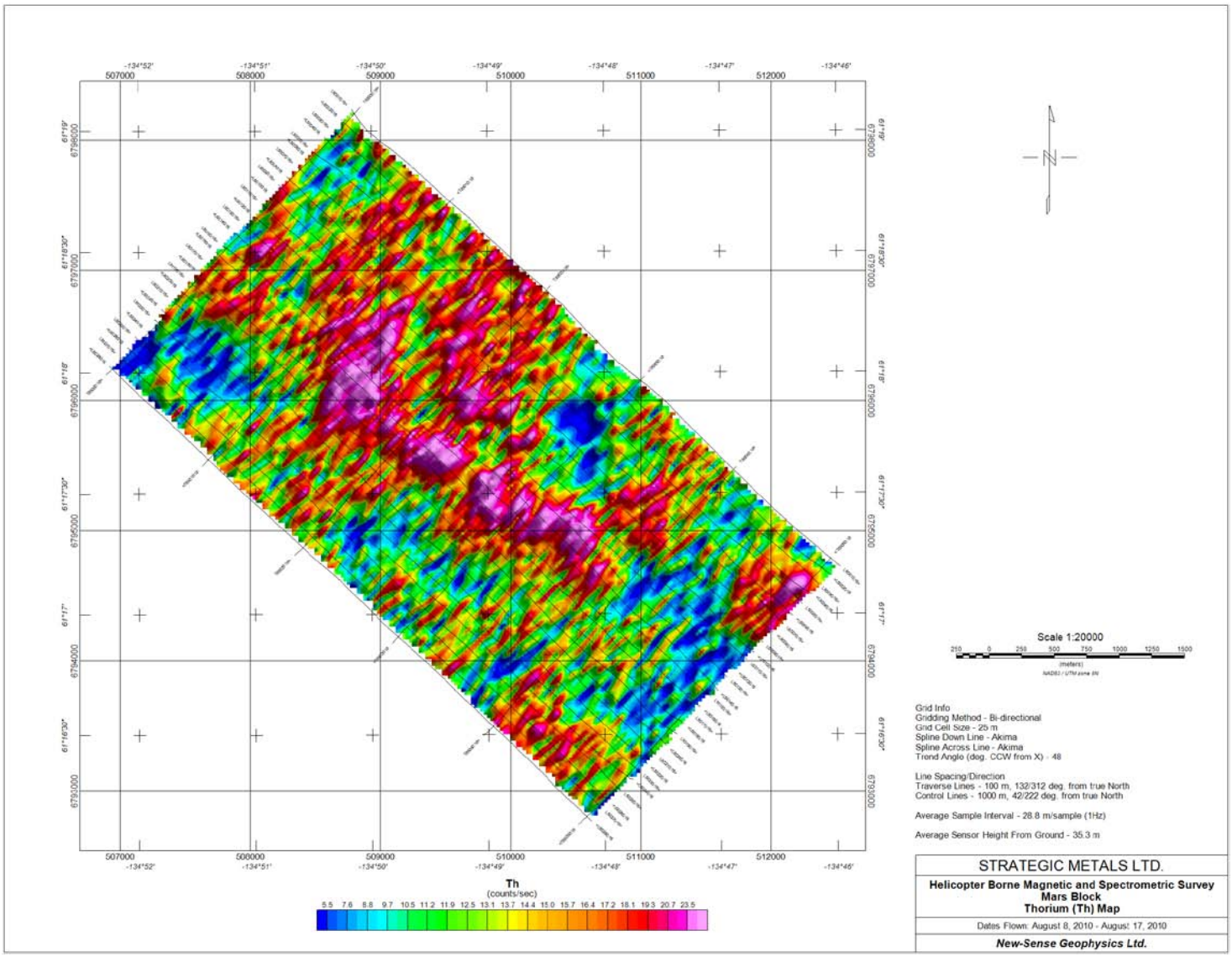
Mars Block Image of DTM Map



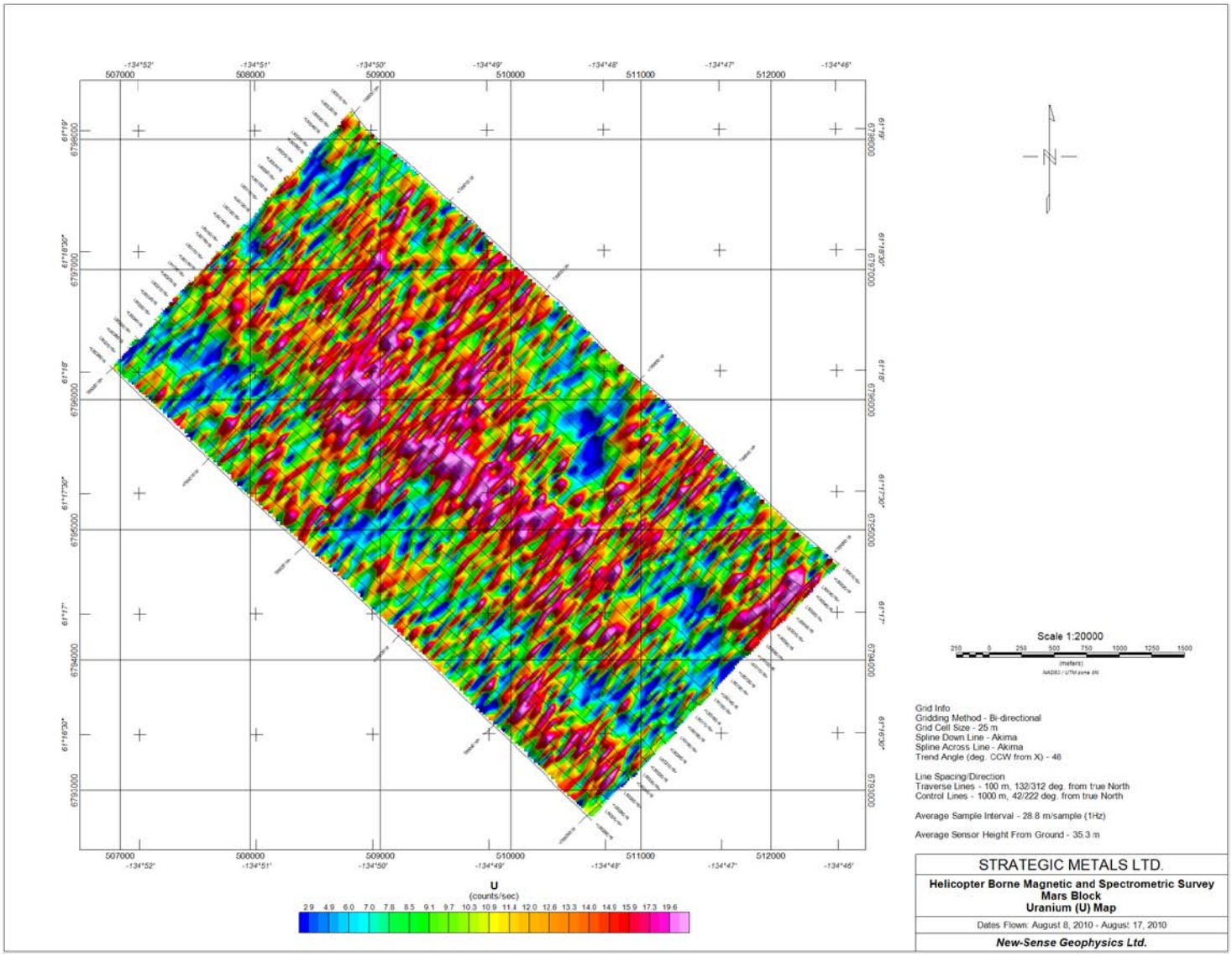
Mars Block Image of Potassium Map



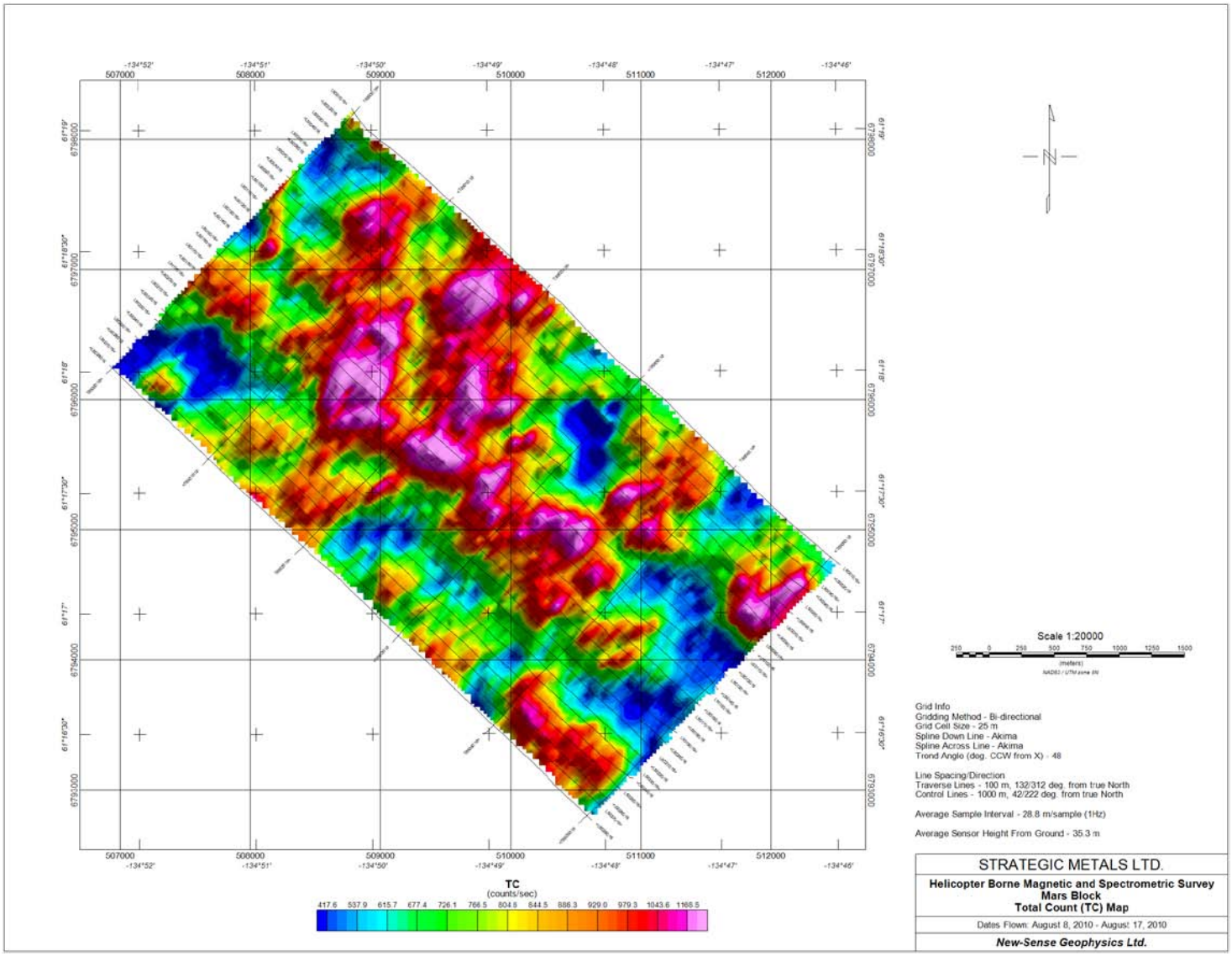
Mars Block Image of Thorium Map



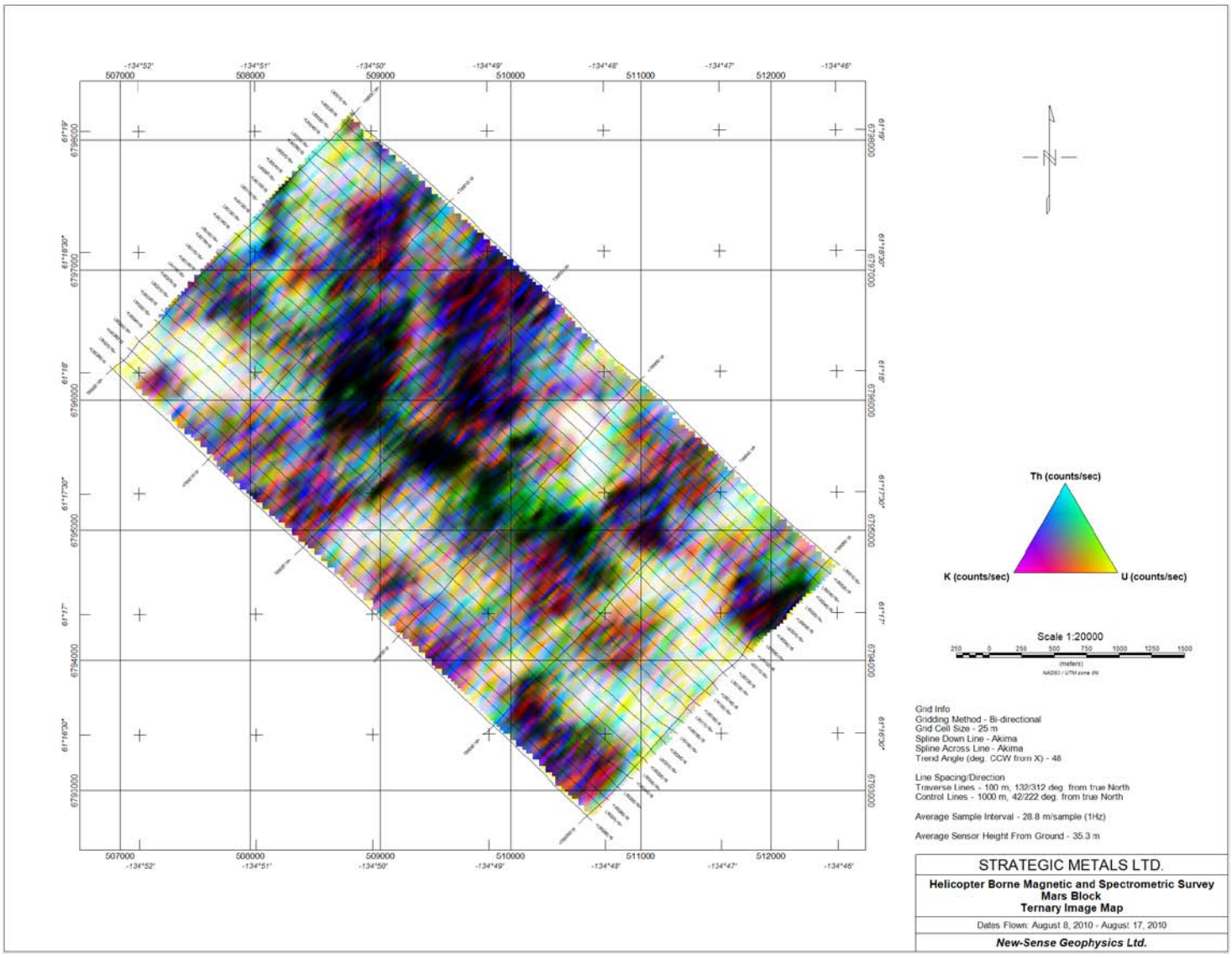
Mars Block Image of Uranium Map



Mars Block Image of Total Count Map



Mars Block Image of Ternary Map



APPENDIX F: MICROLEVELLING DESCRIPTION

As per PGW Microlevelling GX help file available through Geosoft Oasis montaj 7.2

DECORR.GX Version 3.0
Paterson, Grant & Watson Limited
March 2003

PARAMETERS: (miclev group parameters are used, so that values set will be passed to MICLEV.GX)

```
   miclev.Xchan = x channel (default "x")
         .Ychan = y channel (default "y")
         .Ochan = original data channel (no default)
         .Nchan = decorrugation noise channel (default "dcor_noise")
         .Space = flight line spacing
         .Dir   = flight line direction in degrees azimuth (clockwise
                  from North)
         .Cell  = cell size to use for gridding (default = line spacing/5)
         .Wlen  = decorrugation high-pass wavelength (default = 4 * line
                  spacing)
         .Ogrid = original output grid, new or existing
         .Nnoise= decorrugation noise grid
         .XY    = Xmin,Ymin,Xmax,Ymax            (optional)
         .LOGOPT= Log option                     (optional)
         .LOGMIN= Log minimum                    (optional)
         .DSF   = Low-pass desampling factor     (optional)
         .BKD   = Blanking distance              (optional)
         .TOL   = Tolerance                      (optional)
         .PASTOL= % pass tolerance               (optional)
         .ITRMAX= Max. iterations                (optional)
         .ICGR  = Starting coarse grid           (optional)
         .SRD   = Starting search radius         (optional)
         .TENS  = Internal tension (0-1)         (optional)
         .EDGCLP= Cells to extend beyond data    (optional)
```

DESCRIPTION:

decorr.gx and miclev.gx implement a procedure called micro-levelling which removes any low-amplitude component of flight line noise still remaining in airborne survey data after tie line levelling. Micro-levelling calculates a correction channel and adds it to the profile database. This correction is subtracted from the original data to give a set of levelled profiles, from which a final levelled grid may then be generated. Microlevelling has the advantage over standard methods of decorrugation that it better distinguishes flight line noise from geological signal, and thus can remove the noise without causing a loss in resolution of the data.

To microlevel data, first run decorr.gx, then miclev.gx. decorr.gx offers two options for the grid of the channel to be microlevelled. If a grid prepared from this channel already exists, it may be specified, and when prompted to overwrite, the user should answer no. If the user wishes to prepare a new grid of the channel to be microlevelled, the minimum curvature gridding algorithm (rangrid.gx) is applied. The advanced button provides access to the standard minimum

curvature gridding parameters. Once the gridding is completed, decorr.gx applies a directional high-pass filter (see end note) perpendicular to the flight line direction, in order to produce a decorrugation noise grid. (The default grid cell size is 1/5 of the line spacing. The user may specify a different cell size if desired. A smaller cell size will give a more accurate result, but a larger cell size will make the gx run faster and use less disk space.) The noise grid is then extracted as a new channel in the database (default name is "dcor_noise"). This channel contains the line level drift component of the data, but it also contains some residual high-frequency components of the geological signal. miclev.gx applies amplitude limiting and low-pass filtering to the noise channel in order to remove this residual geological signal and leave only the component of line level drift, which is then subtracted from the original data to produce a levelled output channel named "miclev".

decorr.gx calculates default amplitude limit and filter length values for use in miclev.gx, but the skilled user may be able to set better values for these parameters based on an inspection of the noise grid. (The micro-levelling process is broken up into two separate GXes in order to allow the user to do this.) Flight line noise should appear in the decorrugation noise grid as long stripes in the flight-line direction, wheras geological anomalies should appear as small spots and cross-cutting lineaments, generally with a higher amplitude than the flight line noise, but with a shorter wavelength in the flight-line direction. The user can estimate the maximum amplitude of the flight line noise, and set the noise amplitude limit value accordingly. Similarly the user can estimate the minimum wavelength of the level drift along the flight lines, and set the low-pass Naudy filter width to half this wavelength. The defaults are to set the amplitude limit equal to the standard deviation of the noise grid, and to set the filter width equal to five times the flight line spacing.

There is an option of using either of two kinds of amplitude limiting. In "clip" mode any value outside the limit is set equal to the limit value. In "zero" mode any value outside the limit is set equal to zero. The clip mode makes more sense intuitively, but it has been found in practise that the zero mode may reject geologic signal better, depending on the particular data set. As a rule the zero mode works better on datasets in which the noise grid contains a lot of high-amplitude geological signals (e.g. shallow basement areas). For datasets in which the noise grid contains mainly flight line noise (e.g. sedimentary basins), the clip mode works better.

Microlevelling applies a level correction to the traverse lines only. If it is desired to grid the tie lines together with the micro-levelled traverse lines, then it may be necessary to also apply a level correction to the tie lines so that their values agree with the micro-levelled traverse lines at the intersections. This may be done as follows:

1) Copy the tie line values to the microlevelled channel.

2) Use intersct.gx to find cross-difference values for the microlevelled data.

3) Use xlevel.gx to load these cross-difference values to the tie lines.

4) Apply fulllev.gx to the tie lines. The output will be a set of tie lines that matches the microlevelled traverse lines at all inter-sections.

5) Copy the microlevelled traverse line values into the same channel as
   the corrected tie line values.

Decorrugation Filter:

The decorrugation noise filter is a sixth-order high-pass Butterworth filter with a default cutoff wavelength of four times the flight line spacing, combined with a directional filter. The directional filter coefficient as a function of angle is F=(sin(a))^2, where a is the angle between the direction of propagation of a wave and the flight line direction,i.e. F=0 for a wave travelling along the flight lines, and F=1 for a wave travelling perpendicular to them. (Note this is the exact opposite of what is usually called a decorrugation filter, since the intention here is to pass the noise only, rather than reject it.)

The default cutoff wavelength (4 * line spacing) gives good results if the data is already fairly well levelled to start with. In cases where many lines are badly mis-levelled, it may be necessary to set a longer cutoff wavelength, at the risk of removing more geological signal.

QW28715

Statement of Expenditures
Nikki 1-40 Mineral Claims
March 17, 2011

Contract Diamond Drilling

Beaudoin Diamond Drilling Ltd. $252,792.58

Drilled 2 holes on Nikki 4 (YC29870)
1 hole on Nikki 5 (YC29871)
1 hole on Nikki 6 (YC29872)

