ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Vancouver, B.C. V6B1L8
Telephone: 604-688-2568 Fax: 604-688-2578

ASSESSMENT REPORT

describing

GEOCHEMICAL SAMPLING AND GEOPHYSICAL SURVEYS

at the

CCC PROPERTY

CCC 1-332 YD559741-YD56302
333-564 YD108783-YD109014

NTS 115I/04
Latitude 62°07′N; Longitude 137°47′W

located in the

Whitehorse Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

WOLVERINE MINERALS CORP.
and
STRATEGIC METALS LTD.

by

C.J. Chung, B.Sc., GIT

April 2011

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INTRODUCTION

The CCC property was staked to cover creeks that yielded anomalous gold values from historical stream sediment sampling. The property lies within the Dawson Range Gold Belt of western Yukon. Wolverine Minerals Corp. can earn a 100% interest in the CCC property subject to an option agreement with Strategic Metals Ltd.

This report describes an exploration program that was conducted in summer 2010 by Archer, Cathro & Associates (1981) Limited on behalf of Strategic Metals, under the supervision of H. Smith, B.Sc., P.Geo. Initial work was performed on three days between July 10 and 17, and comprised geochemical sampling. Geophysical surveys were conducted later in the season between August 18 and 21. The author interpreted all data from this program, and her Statement of Qualifications appears in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The CCC property consists of 564 contiguous mineral claims, which are located on NTS map sheet 115I/04 and are centred at latitude 62°07′ north and longitude 137°47′ west (Figure 1). The property covers an area of approximately 11,421 ha (114.21 sq km). The claims are registered with the Whitehorse Mining Recorder in the name of Archer Cathro, which holds them in trust for Strategic Metals. Specifics concerning claim registration are tabulated below, while the locations of individual claims are shown on Figure 2.

Claim Name	Grant Number	Expiry Date*
CCC 1-332	YD55971-YD56302	April 15, 2011
333-564	YD108783-YD109014	October 1, 2011

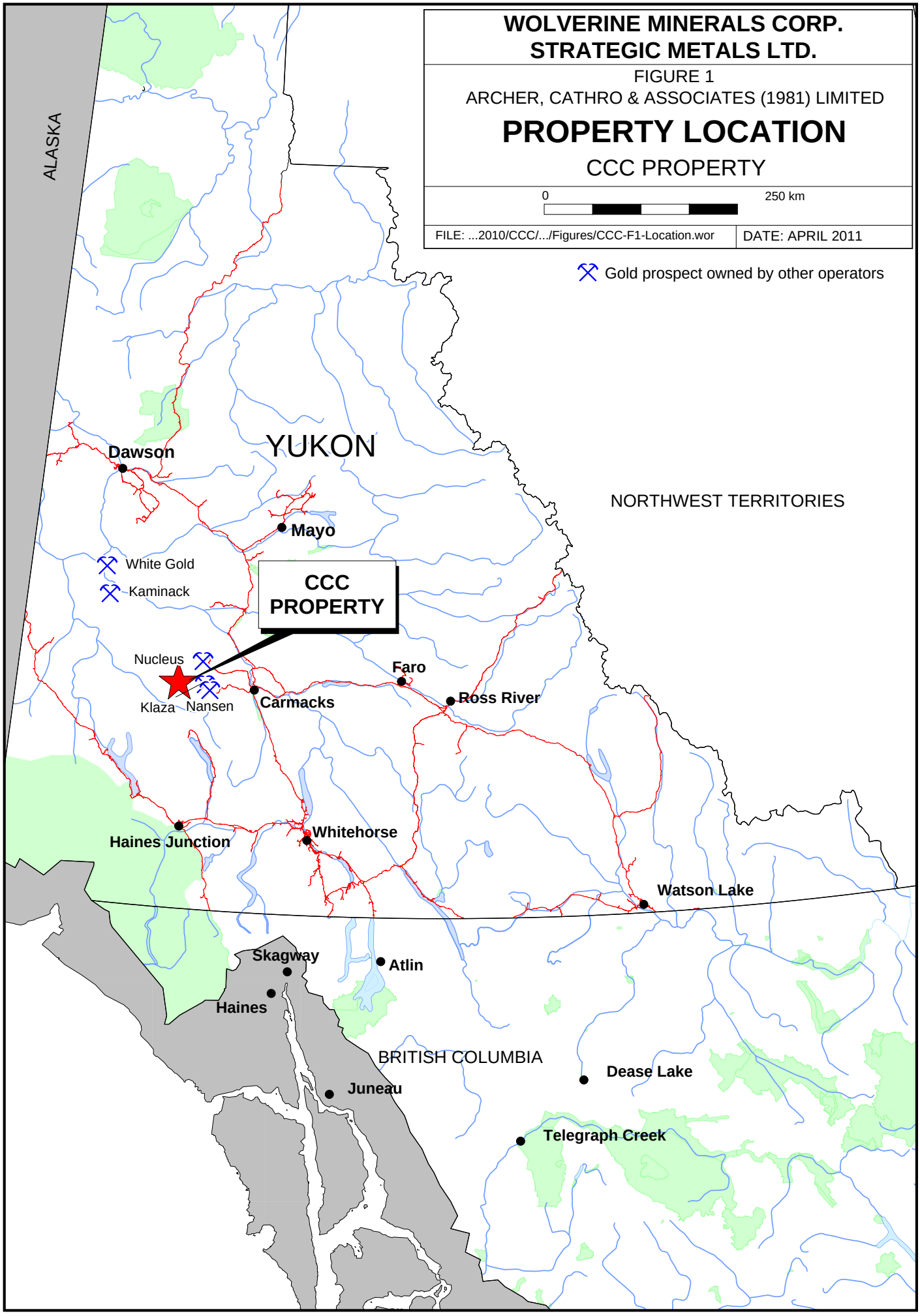
*Expiry dates do not include 2010 work that has not yet been filed for assessment credit.

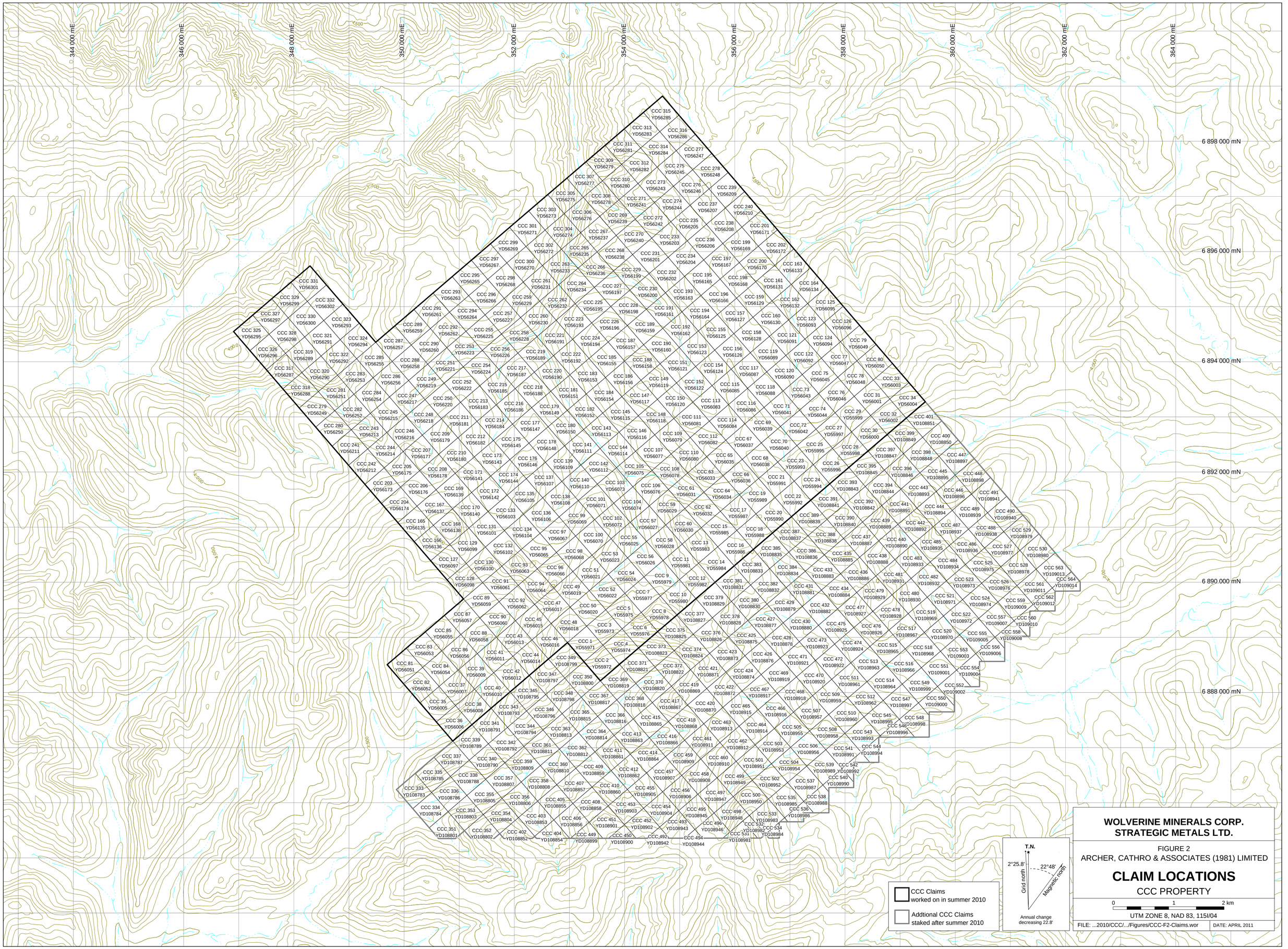
In 2010, access to the property involved daily set outs and pick ups with a Bell 206B helicopter owned and operated by Capital Helicopters (1995) Inc. of Whitehorse, from a temporary base at the Klaza property located near the former Mount Nansen Mine. The Klaza property lies about 27 km to the east of the CCC property and 70 km by road west of the community of Carmacks.

HISTORY AND PREVIOUS WORK

In 1969, Archer Cathro performed regional exploration in the Dawson Range district for the Dawson Range Joint Venture. During that program, 27 stream sediment samples were collected from what is now the CCC property. Those samples returned up to 109 ppm copper, up to 20 ppm lead and nil molybdenum (Cathro and Culbert, 1969).

In 1974, Archer Cathro again conducted regional exploration in the Dawson Range district for the Klotassin Joint Venture (KJV). KJV was made up of Newconex Canadian Exploration Ltd., Marietta Resources International Ltd., and Molybdenum Corporation of America. Work performed included 1:50,000 scale reconnaissance-style prospecting, mapping and geochemical sampling (Cathro, 1974). This work was conducted dominantly to the north of the current CCC property area and no samples were collected within the property boundaries.


WOLVERINE MINERALS CORP.
STRATEGIC METALS LTD.
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
CCC PROPERTY
0
250 km
FILE: ...2010/CCC/.../Figures/CCC-F1-Location.wor
DATE: APRIL 2011
Gold prospect owned by other operators
ALASKA
YUKON
NORTHWEST TERRITORIES
BRITISH COLUMBIA
Dawson
Mayo
White Gold
Kaminack
CCC PROPERTY
Nucleus
Klaza
Nansen
Carmacks
Faro
Ross River
Haines Junction
Whitehorse
Watson Lake
Skagway
Haines
Atlin
Juneau
Dease Lake
Telegraph Creek


344 000 mE
346 000 mE
348 000 mE
350 000 mE
352 000 mE
354 000 mE
356 000 mE
358 000 mE
360 000 mE
362 000 mE
364 000 mE
6 898 000 mN
6 896 000 mN
6 894 000 mN
6 892 000 mN
6 890 000 mN
6 888 000 mN
CCC Claims worked on in summer 2010
Addtional CCC Claims staked after summer 2010
T.N.
2°25.8'
22°48'
Grid north
Magnetic north
Annual change decreasing 22.8'
WOLVERINE MINERALS CORP.
STRATEGIC METALS LTD.
FIGURE 2
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
CLAIM LOCATIONS
CCC PROPERTY
0
1
2 km
UTM ZONE 8, NAD 83, 115I/04
FILE: ...2010/CCC/.../Figures/CCC-F2-Claims.wor
DATE: APRIL 2011

In 1975, Archer Cathro continued its exploration on behalf of KJV. Thirty-five soil samples collected during this program were located within the current CCC property boundary. The samples were analyzed for copper, molybdenum, lead and zinc. The samples returned weakly to moderately anomalous values for copper (up to 66 ppm), lead (up to 28 ppm) and zinc (up to 218 ppm). Molybdenum returned background values (Cathro, 1976).

In 1980, Archer Cathro did work in the Dawson Range as part of the NAT Joint Venture (NAT JV), which comprised Chevron Canada Limited and Armco Mineral Exploration Ltd. Part of the NAT JV program involved reanalyses of over 5000 previously collected geochemical sample splits for gold, silver, arsenic and lead. Ninety-six soil samples and 61 stream sediment samples were reanalyzed from the CCC property. One soil sample returned 92 ppb gold, while one stream sediment sample yielded 110 ppb gold. Other samples produced weakly to moderately anomalous gold values (Archer and Onasick, 1980).

In 1985, the Geological Survey of Canada (GSC) conducted a low-density stream sediment and water sampling survey on NTS map sheet 115I (Friske et al., 1985). Fourteen samples were taken from various creeks throughout the current CCC property area. These samples returned only background values.

Strategic Metals staked the initial CCC claims in March 2010 and optioned them to Wolverine Minerals in September 2010. Additional claims were added later in the fall to link the CCC claims to the adjacent DDD property to the south.

GEOMORPHOLOGY AND CLIMATE

The CCC property is situated in the southern part of the Dawson Range and is drained by creeks that flow into the Klaza River, which is part of the Yukon River watershed. The property was glaciated during Pliocene to early Pleistocene (Duk-Rodkin, 1999). Ice movement in this area arced from southeast to southwest following the same orientation as the Klaza River.

The property covers a system of ridges at the headwaters of several creeks draining north and eastwards into the Klaza River. Elevation ranges from approximately 1130 m in creek gullies to 1560 m on ridge tops. Outcrop is mostly limited to ridge tops and creek gullies.

Treeline in the area is at approximately 1400 m above sea level. Lower elevations are characterized by buckbrush, moss and spruce forests. Moderate elevations are vegetated with scattered spruce and poplar trees with an understory of buckbrush and grass. Higher elevations feature a mat of moss and grass with rare low shrubs.

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

REGIONAL GEOLOGY

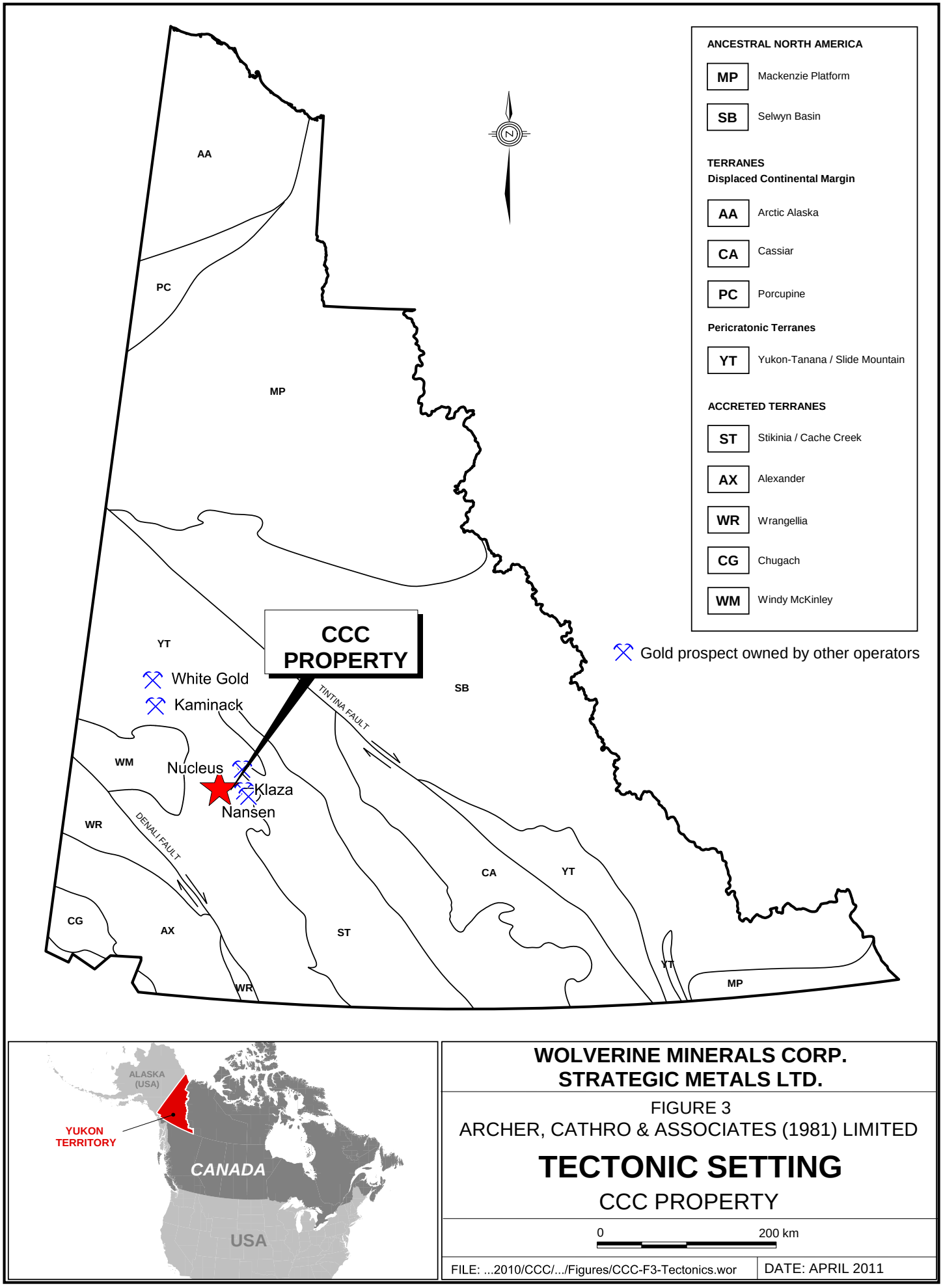
The CCC property is located within the Yukon-Tanana Terrane (YTT) as shown on Figure 3. The YTT represents a continental arc that developed along the ancient Pacific margin of North America from late Devonian to Permian.

In 1975, KJV performed 1:50,000 scale geological mapping of Regional Areas 'C' and 'D', which includes portions of the CCC property (Cathro, 1976). In 1984, the Geological Survey of Canada published a geological map of the Carmacks area (NTS map sheet 115I) at 1:250,000 scale (Templeman-Kluit, 1984). Gordey and Makepeace (2003) later completed a Yukon-wide geological compilation, which updated the lithological unit names in the CCC area.

The main lithological units are described in the Table I.

Table I – Lithological Units (*after Gordey and Makepeace, 2003*)

Unit Name	Age	Map Name	Description
Prospector Mountain Suite	Late Cretaceous to Tertiary	LKfP	Grey, fine to coarse grained, quartz-feldspar porphyry dykes.
Carmacks	Upper Cretaceous	uKC2	Volcanic succession dominated by basic volcanic strata but including felsic volcanic rocks (2). Acid vitric crystal tuff, lapilli tuff and welded tuff including feeder plugs and necks; felsic volcanic flow rocks and quartz feldspar porphyries; green and purple massive tuff-breccia with feldspar phyric fragments.
Mount Nansen Group	Mid-Cretaceous	mKN	Massive aphyric or feldspar-phyric andesite to dacite flows, breccia and tuff; massive, heterolithic, quartz- and feldspar-phyric, felsic lapilli tuff; flow-banded quartz-phyric rhyolite and quartz-feldspar porphyry plugs, dykes, sills, and breccia.
Whitehorse Suite	Mid-Cretaceous	mKgW	Grey, medium to coarse grained, generally equigranular granitic rocks of intermediate composition (biotite-hornblende granodiorite, hornblende-quartz diorite and hornblende diorite; leucocratic, biotite-hornblende granodiorite, locally with sparse grey and pink potassium feldspar phenocrysts).
Pelly Gneiss Suite – Southwest	Late Devonian to Mississippian	DMgPW	Foliated medium grained, homogeneous granite gneiss to biotite or hornblende granodiorite gneiss. Massive to strongly foliated dioritic to granodioritic gneiss; includes interfoliated amphibolite, quartz-mica schist and phyllite.



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STRATEGIC METALS LTD.

FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TECTONIC SETTING

CCC PROPERTY

0 200 km

FILE: ...2010/CCC/.../Figures/CCC-F3-Tectonics.wor

DATE: APRIL 2011

Amphibolite	Proterozoic and Paleozoic	PPa	Metamorphosed mafic rocks, including amphibolite
Nisling Assemblage	Late Proterozoic and Paleozoic		Assemblage characterized by mica quartz-feldspar schist (1) and abundant locally thick limestone members (2).
		PPN1	Dark grey to brown, biotite-muscovite-quartz-feldspar schist, quartzite and micaceous quartzite, garnetiferous; felsic chlorite-biotite orthogneiss; rare amphibolite; minor two-mica gneiss and hornblende diorite gneiss.
		PPN2	Bleached white-weathering, white to grey coarsely crystalline, flow banded fetid marble; graphite, chert, metabasite and calc-silicate lamina are common.

PROPERTY GEOLOGY

No detailed geological mapping has been done on the CCC property. The following description of property geology is based on published data discussed in the previous section. Figure 4 illustrates generalized geology as compiled by Gordey and Makepeace (2003).

The CCC property is mostly underlain by quartz-feldspar schist of the Nisling Assemblage (PPN1). Small lenses of the Nisling Assemblage limestone (PPN2) are present in the south. The centre of the property features a body of the Southwest Pelly Gneiss Suite (DMgPW), which trends northeast-southwest. The DMgPW body is flanked to the north and south by narrow bands of Amphibolite (PPa) and is intruded by Whitehorse granodiorite stocks (mKgW) and Mount Nansen Group quartz-feldspar porphyry plugs, dykes, sills, and breccias (mKN). Prospector Mountain Suite quartz-feldspar porphyry dykes (LKfP) occur as narrow dykes throughout the southern portion of the CCC property and further to the east.

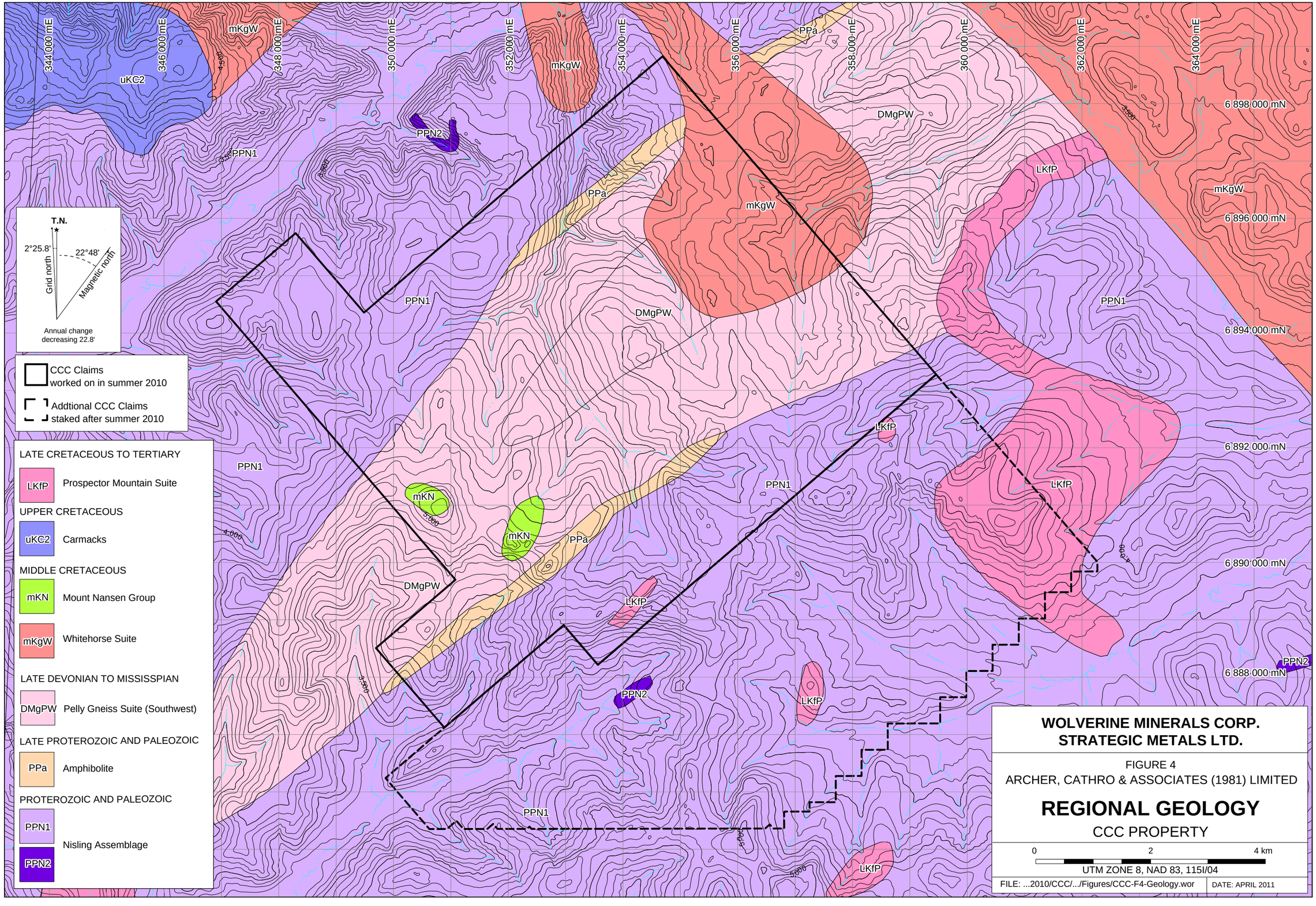
A large fault was inferred by KJV to coincide with the Klaza River to the north of the property. The age and sense of motion of this fault are not known.

There is no mineralization known on the property.

REGIONAL MINERALIZATION

There are numerous mineral deposits in the Dawson Range that are associated with late stage quartz-feldspar porphyry dykes. One example of this style of mineralization occurs at the nearby Klaza Property, where those dykes intrude Whitehorse Suite granodiorite.

At Klaza, soil geochemistry and excavator trenching have lead to the discovery of a series of northwest (300º) trending gold-silver veins. Highlighted intervals from trenching include: 1.34 g/t gold and 10.5 g/t silver over 48.76 m; 1.01 g/t gold and 15.5 g/t silver over 78.03 m; 35.1 g/t gold and 72.5 g/t silver over 1.03 m; and 6.50 g/t gold and 9.8 g/t silver over 4.30 m (Turner, 2010).


344 000 mE
346 000 mE
348 000 mE
350 000 mE
352 000 mE
354 000 mE
356 000 mE
358 000 mE
360 000 mE
362 000 mE
364 000 mE
6 898 000 mN
6 896 000 mN
6 894 000 mN
6 892 000 mN
6 890 000 mN
6 888 000 mN
T.N.
2°25.8'
22°48'
Grid north
Magnetic north
Annual change
decreasing 22.8'
CCC Claims
worked on in summer 2010
Addtional CCC Claims
staked after summer 2010
LATE CRETACEOUS TO TERTIARY
LKfP Prospector Mountain Suite
UPPER CRETACEOUS
uKC2 Carmacks
MIDDLE CRETACEOUS
mKN Mount Nansen Group
mKgW Whitehorse Suite
LATE DEVONIAN TO MISSISSPIAN
DMgPW Pelly Gneiss Suite (Southwest)
LATE PROTEROZOIC AND PALEOZOIC
PPa Amphibolite
PROTEROZOIC AND PALEOZOIC
PPN1
PPN2
Nisling Assemblage
WOLVERINE MINERALS CORP.
STRATEGIC METALS LTD.
FIGURE 4
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
REGIONAL GEOLOGY
CCC PROPERTY
0
2
4 km
UTM ZONE 8, NAD 83, 115I/04
FILE: ...2010/CCC/.../Figures/CCC-F4-Geology.wor
DATE: APRIL 2011

In 2010, drilling was performed to test the sub-surface extension of vein mineralization identified in excavator trenches. The drilling successfully intersected zones of vein, breccia and porphyry style mineralization associated with a series of narrow, discontinuous quartz-feldspar porphyry dykes. The age of these dykes is not known; however, based on crosscutting relationships they are younger than the granodiorite. Drill results from the recent drilling are shown in Table II below (Turner, 2010).

Table II – Klaza property diamond drilling highlights

Hole ID	From (m)	To (m)	Interval (m)	Gold (g/t)	Silver (g/t)
KL-10-03	62.08	112.36	50.28	1.10	23.5
Including	62.08	64.75	2.67	2.41	130.1
Including	86.93	106.68	19.75	2.29	36.1
Including	86.93	89.55	2.62	13.05	143
KL-10-05	20.41	48.90	28.49	0.77	14.8
Including	20.41	24.38	3.97	4.57	51.6
KL-10-05	79.20	81.16	1.96	1.47	95.1
KL-10-06	21.64	25.00	3.36	32.52	34.3
KL-10-07	128.00	164.50	36.50	3.23	117.7
Including	134.00	149.30	15.30	7.20	260.0
Including	138.50	139.50	1.00	39.3	709
Including	146.77	149.30	2.53	24.7	1087.0

SOIL AND STREAM SEDIMENT GEOCHEMISTRY

Previous geochemical sampling on the CCC property covered all major drainages at a low density. Most samples comprised stream sediments, but soil samples were also collected parallel to some creeks. Samples were broadly spaced, with minimum separation of about 200 m between sample sites. In general, copper and zinc values were background to weakly anomalous compared to regional backgrounds, while molybdenum and lead values were all at background levels. One sample taken near the centre of the property returned 110 ppb gold while another from immediately south of the property boundary yielded 124 ppb gold. The latter sample lies on the DDD claims. Two historical samples returned strongly anomalous values of 141 ppm and 185 ppm arsenic.

A total of 154 geochemical samples were collected in summer 2010. Of these, 37 were soil samples while 117 were stream sediment samples. Soil samples were taken using hand-held augers, at 50 m spacing along a ridge top and a contour line. Stream sediment samples were collected at about 200 m intervals from various tributaries throughout the property area.

Sample locations and results for gold, arsenic, copper, lead, and zinc are shown on Figures 5 to 11, respectively. Sampling and Analytical Procedures for 2010 samples are provided in Appendix II, while Certificates of Analysis are given in Appendix III.

344 000 mE
346 000 mE
348 000 mE
350 000 mE
352 000 mE
354 000 mE
356 000 mE
358 000 mE
360 000 mE
362 000 mE
364 000 mE

6 898 000 mN
6 896 000 mN
6 894 000 mN
6 892 000 mN
6 890 000 mN
6 888 000 mN

4500
4600
4700
4800
4900
5000
5100
5200
5300
5400
5500

CC94586 CC94585 CC94583 CC94582 CC94584 CC94581 CC94578 CC94577 CC94580 CC94579 CC94576 CC94575 CC94574 CC94573 CC94572

CC94614 CC94615 CC94613 CC94612 CC94611 CC94610 CC94609 CC94608 CC94607 CC94606 CC94605 CC94604 CC94603 CC94602 CC94601 CC94600 CC94599 CC94598 CC94597 CC94596 CC94595 CC94594 CC94593 CC94592 CC94591 CC94535 CC94534 CC94533 CC94532

CC94571 CC94570 CC94569 CC94568 CC94567 CC94566 CC94565 CC94564 CC94563 CC94562 CC94561 CC94560 CC94559 CC94558

CC94557 CC94556 CC94555 CC94554 CC94553 CC94552 CC94551 CC94550 CC94549 CC94548 CC94547 CC94546 CC94545 CC94544 CC94543 CC94542 CC94541 CC94540 CC94539 CC94538 CC94537 CC94536

CC94501 CC94502 CC94503 CC94504 CC94505 CC94506 CC94507 CC94508 CC94509 CC94510 CC94511 CC94512 CC94513 CC94514 CC94515 CC94516 CC94517 CC94518 CC94519 CC94520 CC94521 CC94522 CC94523 CC94524 CC94525 CC94526 CC94527 CC94528 CC94529 CC94530 CC94531

CC94292 CC94293 CC94294 CC94295 CC94296 CC94297 CC94291 CC94290 CC94289 CC94288 CC94287 CC94286 CC94285 CC94284 CC94283 CC94282 CC94281 CC94279 CC94280 CC94298 CC94299 CC94300 CC94301 CC94302 CC94303 CC94304 CC94305 CC94306 CC94307 CC94308

CC94275 CC94276 CC94277 CC94278 CC94274 CC94273 CC94272 CC94271 CC94270 CC94269 CC94268 CC94310 CC94309

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STRATEGIC METALS LTD.

FIGURE 5
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SOIL & SILT SAMPLE LOCATIONS

CCC PROPERTY

2010 Soil sample
2010 Stream sediment sample
CCC Claims worked on in summer 2010
Addtional CCC Claims staked after summer 2010

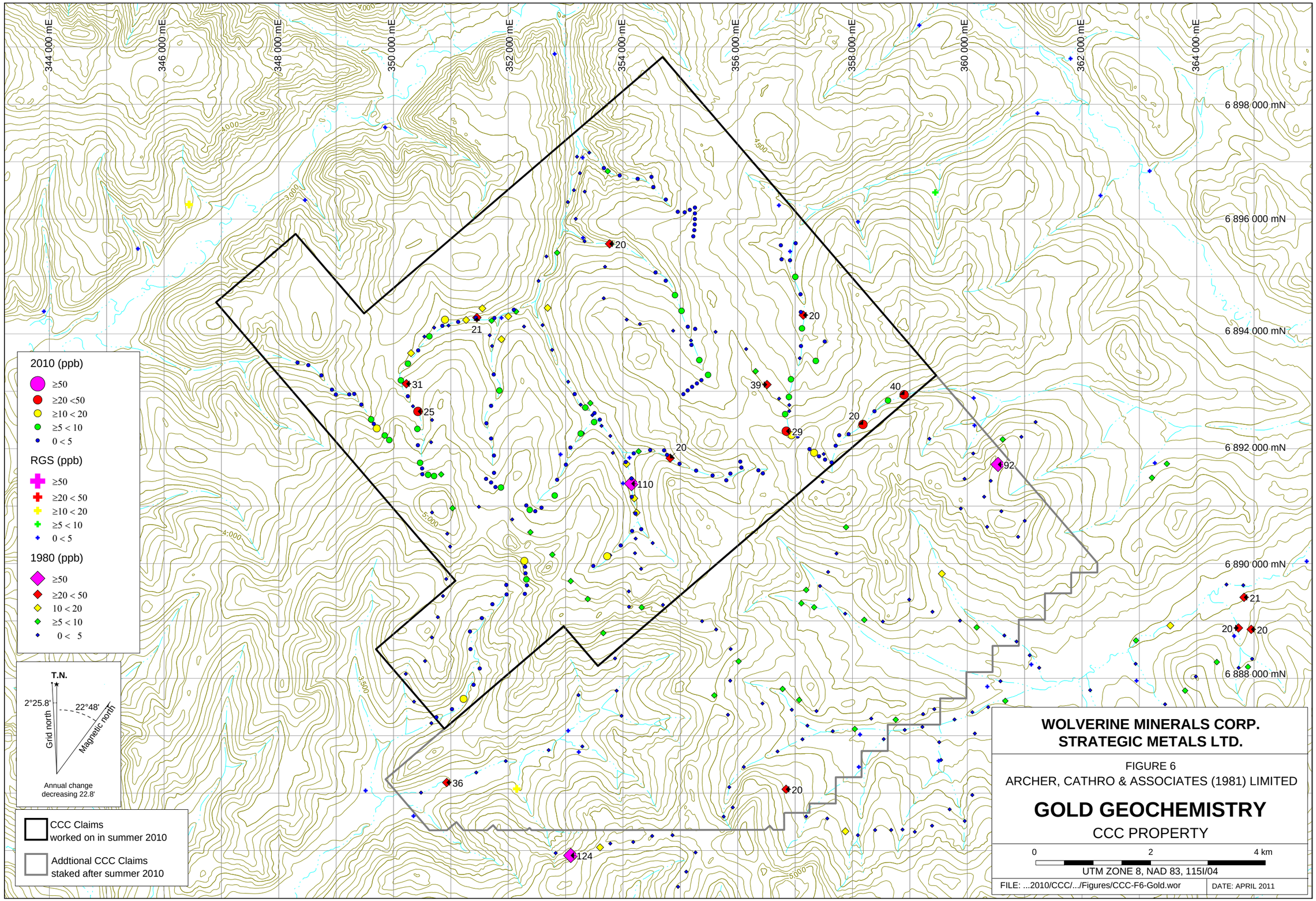
T.N.
2°25.8'
22°48'
Grid north
Magnetic north
Annual change decreasing 22.8'

0 1 2 km

UTM ZONE 8, NAD 83, 115I/04

FILE: ...2010/CCC/.../Figures/CCC-F5-Samples.wor

DATE: APRIL 2011


344 000 mE
346 000 mE
348 000 mE
350 000 mE
352 000 mE
354 000 mE
356 000 mE
358 000 mE
360 000 mE
362 000 mE
364 000 mE
6 898 000 mN
6 896 000 mN
6 894 000 mN
6 892 000 mN
6 890 000 mN
6 888 000 mN
4000
3000
4500
5000
3500
2010 (ppb)
≥50
≥20 <50
≥10 < 20
≥5 < 10
0 < 5
RGS (ppb)
≥50
≥20 < 50
≥10 < 20
≥5 < 10
0 < 5
1980 (ppb)
≥50
≥20 < 50
10 < 20
≥5 < 10
0 < 5
T.N.
2°25.8'
22°48'
Grid north
Magnetic north
Annual change
decreasing 22.8'
CCC Claims
worked on in summer 2010
Addtional CCC Claims
staked after summer 2010
20
21
31
25
20
110
20
39
40
20
29
92
21
20
20
36
20
124
WOLVERINE MINERALS CORP.
STRATEGIC METALS LTD.
FIGURE 6
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
GOLD GEOCHEMISTRY
CCC PROPERTY
0
2
4 km
UTM ZONE 8, NAD 83, 115I/04
FILE: ...2010/CCC/.../Figures/CCC-F6-Gold.wor
DATE: APRIL 2011

344 000 mE
346 000 mE
348 000 mE
350 000 mE
352 000 mE
354 000 mE
356 000 mE
358 000 mE
360 000 mE
362 000 mE
364 000 mE

6 898 000 mN
6 896 000 mN
6 894 000 mN
6 892 000 mN
6 890 000 mN
6 888 000 mN

4000
3000
4500
5000
4000
3500
5000

141
185

2010 (ppm)
- ≥100
- ≥50 < 100
- ≥20 < 50
- ≥10 < 50
- 0 < 10

RGS (ppm)
- ≥100
- ≥50 < 100
- ≥20 < 50
- ≥10 < 20
- 0 < 10

T.N.
2°25.8'
22°48'
Grid north
Magnetic north
Annual change decreasing 22.8'

CCC Claims worked on in summer 2010

Addtional CCC Claims staked after summer 2010

WOLVERINE MINERALS CORP.
STRATEGIC METALS LTD.

FIGURE 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ARSENIC GEOCHEMISTRY

CCC PROPERTY

0 2 4 km

UTM ZONE 8, NAD 83, 115I/04

FILE: ...2010/CCC/.../Figures/CCC-F7-Arsenic.wor

DATE: APRIL 2011

344 000 mE
346 000 mE
348 000 mE
350 000 mE
352 000 mE
354 000 mE
356 000 mE
358 000 mE
360 000 mE
362 000 mE
364 000 mE

6 898 000 mN
6 896 000 mN
6 894 000 mN
6 892 000 mN
6 890 000 mN
6 888 000 mN

4000
3000
4500
5000
4000
3500
5000

109
51
61
62
66
62
52

2010 (ppm)
- ≥100
- ≥50 < 100
- ≥20 < 50
- ≥10 < 20
- 0 < 10

RGS (ppm)
- ≥100
- ≥50 < 100
- ≥20 < 50
- ≥10 < 20
- 0 < 10

Historic (ppm)
- ≥100
- ≥50 < 100
- ≥20 < 50
- ≥10 < 20
- 0 < 10

T.N.
2°25.8'
22°48'
Grid north
Magnetic north
Annual change decreasing 22.8'

CCC Claims worked on in summer 2010

Addtional CCC Claims staked after summer 2010

WOLVERINE MINERALS CORP.
STRATEGIC METALS LTD.

FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

COPPER GEOCHEMISTRY

CCC PROPERTY

0 2 4 km

UTM ZONE 8, NAD 83, 115I/04

FILE: ...2010/CCC/.../Figures/CCC-F8-Copper.wor

DATE: APRIL 2011

344 000 mE
346 000 mE
348 000 mE
350 000 mE
352 000 mE
354 000 mE
356 000 mE
358 000 mE
360 000 mE
362 000 mE
364 000 mE

6 898 000 mN
6 896 000 mN
6 894 000 mN
6 892 000 mN
6 890 000 mN
6 888 000 mN

26
20
20
33
21
24
28

4000
3000
4500
5000
4000
3500
5000

2010 (ppm)
- ≥100
- ≥50 < 100
- ≥20 < 50
- ≥10 < 20
- 0 <10

RGS (ppm)
- ≥100
- ≥50 < 100
- ≥20 < 50
- ≥10 < 20
- 0 < 10

Historic (ppm)
- ≥100
- ≥50 < 100
- ≥20 < 50
- ≥10 < 20
- 0 < 10

T.N.
2°25.8'
22°48'
Grid north
Magnetic north
Annual change
decreasing 22.8'

CCC Claims
worked on in summer 2010

Addtional CCC Claims
staked after summer 2010

WOLVERINE MINERALS CORP.
STRATEGIC METALS LTD.

FIGURE 9
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

LEAD GEOCHEMISTRY

CCC PROPERTY

0 2 4 km
UTM ZONE 8, NAD 83, 115I/04

FILE: ...2010/CCC/.../Figures/CCC-F9-Lead.wor
DATE: APRIL 2011

344 000 mE
346 000 mE
348 000 mE
350 000 mE
352 000 mE
354 000 mE
356 000 mE
358 000 mE
360 000 mE
362 000 mE
364 000 mE

6 898 000 mN
6 896 000 mN
6 894 000 mN
6 892 000 mN
6 890 000 mN
6 888 000 mN

4000
3000
4500
5000
4000
3500
5000

104
110
122
101
115
128
119
122
108
102
139
218

2010 (ppm)
- ≥200
- ≥100 < 200
- ≥50 < 100
- 0 < 50

RGS (ppm)
- ≥200
- ≥100 < 200
- ≥5 < 100
- 0 < 50

Historic (ppm)
- ≥200
- ≥100 < 200
- ≥50 < 100
- 0 < 50

T.N.
2°25.8'
22°48'
Grid north
Magnetic north
Annual change
decreasing 22.8'

CCC Claims
worked on in summer 2010

Addtional CCC Claims
staked after summer 2010

WOLVERINE MINERALS CORP.
STRATEGIC METALS LTD.

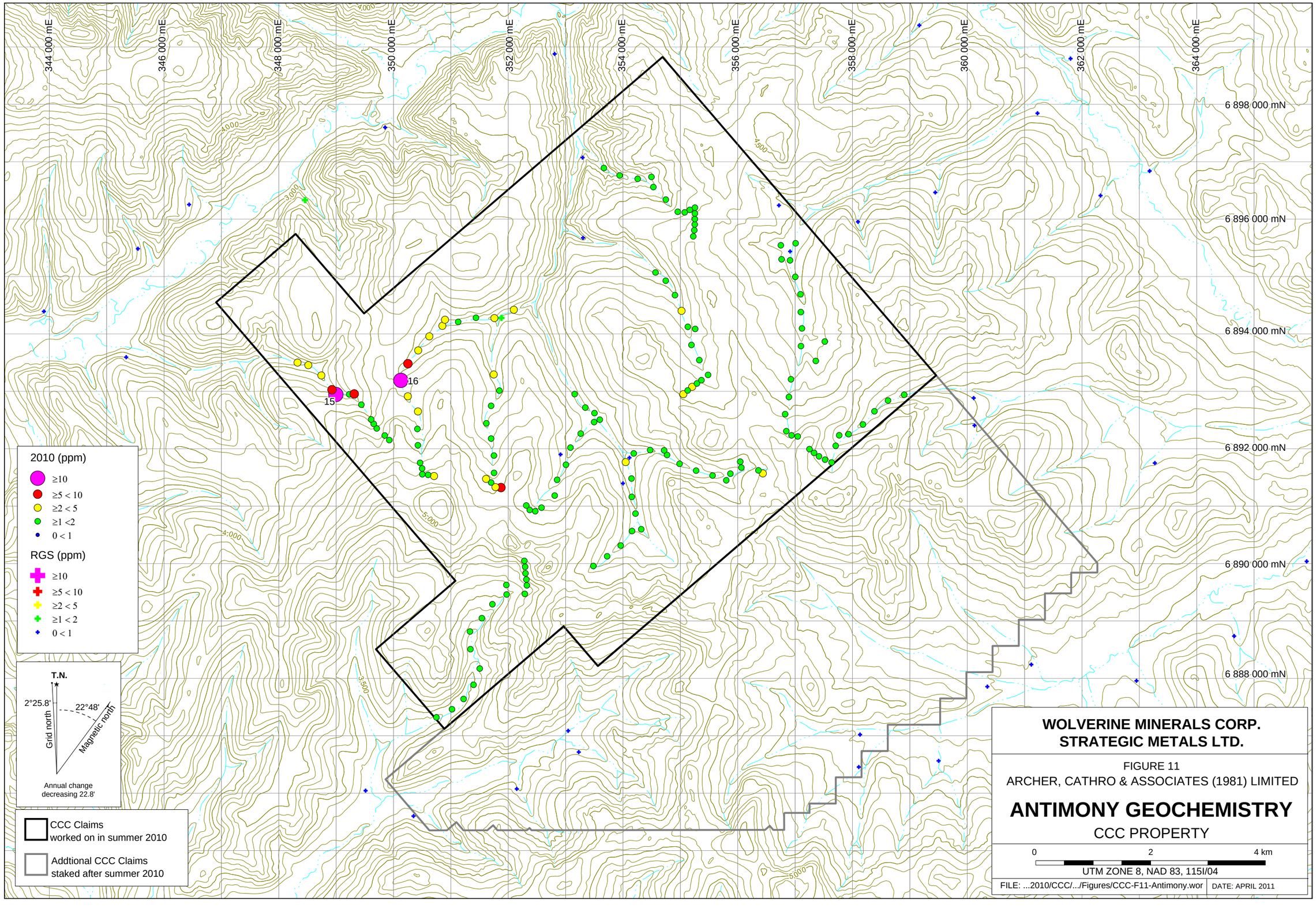
FIGURE 10
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ZINC GEOCHEMISTRY

CCC PROPERTY

0 2 4 km
UTM ZONE 8, NAD 83, 115I/04

FILE: ...2010/CCC/.../Figures/CCC-F10-Zinc.wor
DATE: APRIL 2011


344 000 mE
346 000 mE
348 000 mE
350 000 mE
352 000 mE
354 000 mE
356 000 mE
358 000 mE
360 000 mE
362 000 mE
364 000 mE
6 898 000 mN
6 896 000 mN
6 894 000 mN
6 892 000 mN
6 890 000 mN
6 888 000 mN
4000
3000
4500
5000
4000
3500
5000
16
15
2010 (ppm)
≥10
≥5 < 10
≥2 < 5
≥1 <2
0 < 1
RGS (ppm)
≥10
≥5 < 10
≥2 < 5
≥1 < 2
0 < 1
T.N.
2°25.8'
22°48'
Grid north
Magnetic north
Annual change
decreasing 22.8'
CCC Claims
worked on in summer 2010
Addtional CCC Claims
staked after summer 2010
WOLVERINE MINERALS CORP.
STRATEGIC METALS LTD.
FIGURE 11
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ANTIMONY GEOCHEMISTRY
CCC PROPERTY
0
2
4 km
UTM ZONE 8, NAD 83, 115I/04
FILE: ...2010/CCC/.../Figures/CCC-F11-Antimony.wor
DATE: APRIL 2011

The soil samples returned background to strongly anomalous values for arsenic (up to 185 ppm) and background weakly anomalous values for arsenic (up to 3 ppm), gold (up to 14 ppb), copper (up to 61 ppm) and zinc (up to 122 ppm).

The stream sediment samples yielded background to moderately anomalous values for antimony (up to 16 ppm), arsenic (up to 93 ppm) and gold (up to 29 ppb), and background to weakly anomalous values for copper (up to 48 ppm), lead (up to 21 ppm) and zinc (up to 128 ppm).

No prospecting has been done to follow up the anomalous results.

GEOPHYSICS

In August 2010, a 360 line km helicopter-borne magnetic and radiometric survey was completed by New-Sense Geophysics Ltd. over the central part of the property. Condor Consulting, Inc. was commissioned to assess the data and provide a 3D model of the magnetics. 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 magnetic response across the survey area is low, at approximately 200 nT. An elongated, approximately 1.2 km wide magnetic low trends east-west across the centre of the survey area as seen in Figure 12. Weakly anomalous arsenic and copper values (up to 50 and 26 ppm respectively) are noted in soil and stream sediment samples in the vicinity of the low. The magnetic low appears to continue out of the survey area, both to the east and west. It partially overlaps with granitic gneiss of the DMgPW unit.

Several areas with elevated radiometrics were identified within the survey area (Figure 13). Most of the elevated values approximately coincide with porphyry bodies assigned to the Mount. Nansen or Prospector Mountain groups. Other highs could be related to unmapped porphyry bodies or cupolas above buried felsic intrusions.

DISCUSSION AND CONCLUSIONS

Preliminary soil and stream sediment geochemistry performed by Strategic Metals at the CCC property in summer 2010 generally confirmed historic results. The property is considered to be prospective given its proximity to the Mt Nansen mining camp and the Klaza property.

Radiometric surveys highlighted known and suspected high level porphyritic intrusions of the Mt Nansen and Prospector Mountain groups. Most of the gold mineralization in the Dawson Range Gold Belt occurs within or adjacent to these types of intrusions.

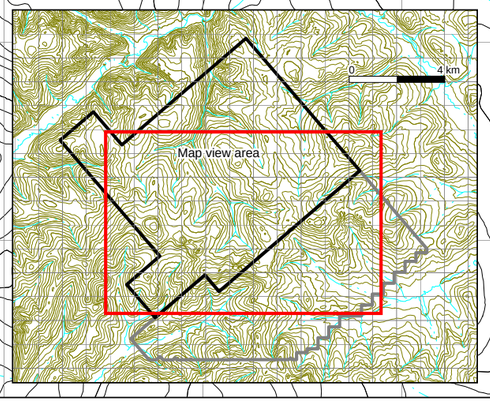
Future work is warranted on the CCC property and should include mapping, prospecting and geochemical sampling. A closely spaced, deep auger grid soil sampling program is recommended in the areas of gold and arsenic anomalies and in the vicinity of known and suspected porphyry bodies, while contour soil sampling and systematic stream sediment sampling are suggested for the newly added claims. Mapping should focus on determining where quartz-feldspar porphyry dykes, sills and breccias are present. Prospecting should

350 000 mE
352 000 mE
354 000 mE
356 000 mE
358 000 mE
6 894 000 mN
6 892 000 mN
6 890 000 mN
5000
5000
5000
0

T.N.
2°25.8'
22°48'
Grid north
Magnetic north
Annual change
decreasing 22.8'

- 2010 Soil sample
- 2010 Stream sediment sample
- CCC Claims worked on in summer 2010
- Addtional CCC Claims staked after summer 2010

TMI (nT)
57025.5 57049.6 57070.4 57088.2 57099.5 57109.7 57121.1 57131.8 57145.5 57235.1



WOLVERINE MINERALS CORP.
STRATEGIC METALS LTD.

FIGURE 12
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TOTAL FIELD MAGNETICS

CCC PROPERTY

0 1 2 km

UTM ZONE 8, NAD 83, 115I/04

FILE: ...2010/CCC/.../Figures/CCC-F12-TMI.wor | DATE: APRIL 2011

350 000 mE
352 000 mE
354 000 mE
356 000 mE
358 000 mE
6 894 000 mN
6 892 000 mN
6 890 000 mN
4,000
5,000
5,000

T.N.
2°25.8'
22°48'
Grid north
Magnetic north
Annual change
decreasing 22.8'

2010 Soil sample
2010 Stream sediment sample
CCC Claims
worked on in summer 2010
Addtional CCC Claims
staked after summer 2010

TC (counts/sec)
399.5 494.2 548.9 592.1 631.4 668.7 706.5 747.6 793.6 847.3 919.1 1031.3 1223.5

Map view area
0 4 km

WOLVERINE MINERALS CORP.
STRATEGIC METALS LTD.

FIGURE 13
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TOTAL COUNT RADIOMETRICS

CCC PROPERTY

0 1 2 km
UTM ZONE 8, NAD 83, 115I/04

FILE: ...2010/CCC/.../Figures/CCC-F13-TC.wor | DATE: APRIL 2011

concentrate on areas of anomalous geochemistry and should search for evidence of quartz veining, brecciation and sulphide mineralization or its oxidized equivalents.

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

SAMPLING AND ANALYTICAL PROCEDURES

2010 Soil Geochemical Samples

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

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

2010 Stream Sediment Geochemical Samples

Steam sediment geochemical samples were only collected from the main unnamed creek that drains the property area. Sample locations were recorded using handheld GPS units and were marked with orange flagging tape labelled with the sample number. Stream sediment samples were collected by hand and were placed into individually pre-numbered kraft paper bags.

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

APPENDIX III

CERTIFICATES OF ANALYSIS

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

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

Finalized Date: 31-JUL-2010
Account: MTT

CERTIFICATE VA10098843

Project: KLOTASSIN

P.O. No.: CCC

This report is for 158 Soil samples submitted to our lab in Vancouver, BC, Canada on 21-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: KLOTASSIN

CERTIFICATE OF ANALYSIS VA10098843

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	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	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC94268		0.32	0.005	0.2	2.17	35	<10	180	0.7	2	0.40	<0.5	11	45	30	3.28
CC94269		0.22	0.007	0.2	2.38	18	<10	210	0.7	2	0.42	<0.5	12	43	29	2.99
CC94270		0.28	0.014	0.2	2.25	35	<10	260	0.6	2	0.54	<0.5	11	38	25	2.91
CC94271		0.20	0.004	0.5	1.98	22	<10	240	0.5	<2	0.55	<0.5	10	55	42	2.42
CC94272		0.20	0.007	0.5	2.24	17	<10	290	0.6	<2	0.63	<0.5	10	45	30	3.07
CC94273		0.26	0.004	0.4	1.83	21	<10	280	0.5	2	0.61	<0.5	10	43	24	2.75
CC94274		0.32	<0.001	<0.2	0.54	6	<10	70	<0.5	<2	0.36	0.6	9	15	10	3.38
CC94275		0.30	0.004	<0.2	1.43	50	<10	330	0.5	<2	0.64	1.4	11	42	37	2.79
CC94276		0.30	0.002	<0.2	1.35	29	<10	290	<0.5	<2	0.31	0.8	7	25	22	2.44
CC94277		0.34	0.002	<0.2	1.18	35	<10	210	0.5	<2	0.63	0.9	10	26	23	2.75
CC94278		0.32	0.004	<0.2	1.05	18	<10	140	0.5	2	0.42	0.7	9	22	15	2.84
CC94279		0.16	0.005	0.3	2.43	5	<10	210	0.6	<2	0.31	0.9	8	73	38	2.73
CC94280		0.32	0.007	0.3	1.88	10	<10	150	<0.5	<2	0.33	0.8	10	59	34	2.96
CC94281		0.20	0.001	0.5	1.56	13	<10	140	<0.5	<2	0.21	0.8	22	53	30	2.30
CC94282		0.24	0.004	0.2	1.93	15	<10	120	<0.5	2	0.28	1.0	14	63	30	2.66
CC94283		0.22	0.006	0.4	2.53	14	<10	190	0.7	2	0.23	0.8	11	73	51	3.28
CC94284		0.16	0.003	<0.2	2.35	19	<10	270	0.6	2	0.32	0.6	9	54	28	3.43
CC94285		0.16	0.005	0.3	1.86	7	<10	270	<0.5	2	0.42	0.9	6	38	22	1.87
CC94286		0.24	0.025	<0.2	1.69	21	<10	210	<0.5	3	0.42	0.9	8	47	25	2.59
CC94287		0.22	0.003	0.4	1.90	25	<10	300	<0.5	<2	0.40	0.7	10	47	21	2.98
CC94288		0.20	0.006	0.5	2.05	72	<10	260	0.6	<2	0.51	1.0	11	72	41	3.09
CC94289		0.20	0.006	0.2	2.07	36	<10	340	0.6	2	0.41	0.8	8	52	35	2.59
CC94290		0.22	0.001	<0.2	1.02	24	<10	200	<0.5	<2	0.43	0.8	7	34	12	2.40
CC94291		0.20	0.005	<0.2	1.33	11	<10	230	<0.5	<2	0.54	0.8	8	37	24	2.44
CC94292		0.20	0.001	<0.2	1.33	10	<10	230	<0.5	<2	0.48	0.8	11	35	31	1.78
CC94293		0.16	0.012	<0.2	1.62	7	<10	160	0.6	<2	0.62	1.1	13	30	30	2.42
CC94294		0.18	<0.001	<0.2	1.13	12	<10	180	<0.5	<2	0.48	0.8	6	25	18	1.72
CC94295		0.12	0.002	<0.2	1.31	16	<10	230	<0.5	<2	0.64	1.0	9	32	24	2.23
CC94296		0.20	0.001	<0.2	1.29	14	<10	200	<0.5	<2	0.43	0.8	8	29	28	2.31
CC94297		0.18	0.002	0.3	1.70	15	<10	260	0.5	2	0.67	0.8	9	36	30	2.47
CC94298		0.16	0.006	0.7	2.75	185	<10	310	1.0	2	0.42	0.8	13	40	61	3.97
CC94299		0.16	0.002	0.4	2.30	46	<10	260	0.6	2	0.30	0.6	6	45	34	3.16
CC94300		0.22	<0.001	<0.2	2.29	9	<10	170	<0.5	2	0.24	0.6	14	47	20	2.56
CC94301		0.18	0.002	0.2	1.95	6	<10	240	0.5	2	0.31	0.8	7	41	26	2.12
CC94302		0.16	0.001	0.2	1.61	18	<10	120	0.6	2	0.33	0.7	5	32	26	2.11
CC94303		0.14	0.001	<0.2	1.33	16	<10	160	<0.5	2	0.22	0.7	5	25	14	1.92
CC94304		0.22	0.001	0.2	1.99	22	<10	250	0.5	2	0.36	0.7	8	33	21	2.47
CC94305		0.14	<0.001	<0.2	1.41	13	<10	170	<0.5	<2	0.39	0.7	6	25	17	2.25
CC94306		0.20	0.002	0.3	2.45	10	<10	310	0.5	<2	0.50	0.7	7	44	29	2.40
CC94307		0.16	0.005	<0.2	1.62	7	<10	270	<0.5	<2	0.57	1.0	8	43	24	2.40

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 31-JUL-2010
Account: MTT

Project: KLOTASSIN

CERTIFICATE OF ANALYSIS VA10098843

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
CC94268		10	<1	0.13	20	0.81	538	<1	0.02	29	670	10	0.04	<2	5	29
CC94269		10	<1	0.11	20	0.72	405	<1	0.02	25	870	13	0.07	<2	5	31
CC94270		10	<1	0.10	20	0.66	441	1	0.02	26	850	12	0.05	<2	5	41
CC94271		10	<1	0.08	20	0.51	284	1	0.02	34	900	8	0.08	<2	4	49
CC94272		10	<1	0.14	20	0.72	384	1	0.02	31	930	7	0.06	<2	6	52
CC94273		<10	<1	0.11	20	0.63	405	<1	0.02	41	970	7	0.05	<2	5	48
CC94274		10	<1	0.03	10	0.19	229	1	0.02	12	1060	3	0.02	<2	1	19
CC94275		10	<1	0.09	20	0.51	824	3	0.02	46	1490	10	0.05	15	4	38
CC94276		<10	<1	0.07	10	0.32	274	1	0.02	22	420	7	0.02	8	3	20
CC94277		<10	<1	0.08	10	0.39	365	2	0.03	23	940	10	0.05	7	4	52
CC94278		10	<1	0.12	20	0.29	453	1	0.02	19	810	9	0.02	2	3	39
CC94279		10	<1	0.10	20	0.84	244	3	0.01	39	1300	14	0.06	3	4	19
CC94280		10	<1	0.15	20	0.66	322	2	0.01	39	1160	6	0.03	<2	5	14
CC94281		10	<1	0.09	10	0.44	890	2	0.01	30	1160	6	0.06	<2	2	15
CC94282		10	<1	0.10	20	0.69	660	2	0.01	36	1030	11	0.04	<2	4	15
CC94283		10	<1	0.13	20	0.69	443	2	0.01	43	1070	12	0.03	<2	6	13
CC94284		10	<1	0.06	10	0.66	662	1	0.01	29	1080	9	0.06	<2	3	29
CC94285		10	<1	0.08	10	0.47	170	<1	0.02	25	810	7	0.05	<2	5	29
CC94286		10	<1	0.09	20	0.53	237	1	0.01	32	1200	8	0.03	2	4	21
CC94287		10	<1	0.08	20	0.54	568	1	0.02	33	920	6	0.04	2	5	29
CC94288		10	<1	0.12	20	0.69	423	1	0.02	77	1080	10	0.05	16	6	27
CC94289		10	<1	0.08	20	0.55	222	1	0.02	37	770	8	0.04	5	7	28
CC94290		<10	<1	0.06	10	0.36	340	<1	0.02	26	1180	6	0.03	3	3	22
CC94291		10	<1	0.08	20	0.45	182	1	0.01	29	1230	5	0.11	3	5	26
CC94292		<10	<1	0.10	20	0.46	162	<1	0.02	32	1020	7	0.08	2	5	31
CC94293		10	<1	0.16	30	0.44	981	<1	0.02	26	760	10	0.07	2	5	45
CC94294		<10	<1	0.07	20	0.34	164	<1	0.02	17	970	3	0.04	<2	3	26
CC94295		<10	<1	0.08	20	0.42	383	<1	0.02	23	870	6	0.08	<2	4	44
CC94296		<10	<1	0.09	20	0.39	547	<1	0.02	23	970	7	0.04	2	4	25
CC94297		10	<1	0.11	20	0.43	499	1	0.03	29	770	7	0.06	2	5	41
CC94298		10	<1	0.18	60	0.38	833	3	0.02	37	1200	15	0.12	5	6	39
CC94299		10	<1	0.11	30	0.59	217	2	0.01	25	870	9	0.04	2	4	21
CC94300		10	<1	0.08	20	0.55	704	<1	0.01	22	900	10	0.03	<2	3	15
CC94301		10	<1	0.10	20	0.49	198	<1	0.01	24	780	8	0.03	2	5	19
CC94302		10	<1	0.08	30	0.34	151	1	0.02	17	900	7	0.04	<2	5	20
CC94303		10	<1	0.06	20	0.33	206	<1	0.01	14	620	6	0.05	<2	2	17
CC94304		10	<1	0.08	20	0.42	326	<1	0.02	23	970	8	0.05	<2	5	25
CC94305		<10	<1	0.06	20	0.35	296	1	0.02	17	990	5	0.03	<2	4	25
CC94306		10	<1	0.09	30	0.55	186	<1	0.02	32	930	7	0.07	<2	6	42
CC94307		10	<1	0.10	20	0.54	212	1	0.02	30	1300	5	0.12	<2	6	41

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
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Finalized Date: 31-JUL-2010
Account: MTT

Project: KLOTASSIN

CERTIFICATE OF ANALYSIS VA10098843

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
CC94268		<20	0.07	<10	<10	58	<10	79
CC94269		<20	0.05	<10	<10	55	<10	67
CC94270		<20	0.06	<10	<10	53	<10	75
CC94271		<20	0.05	<10	<10	48	<10	73
CC94272		<20	0.09	<10	<10	66	<10	96
CC94273		<20	0.08	<10	<10	57	<10	119
CC94274		<20	0.16	<10	<10	124	<10	61
CC94275		<20	0.05	<10	<10	71	<10	128
CC94276		<20	0.06	<10	<10	58	<10	59
CC94277		<20	0.06	<10	<10	54	<10	88
CC94278		<20	0.06	<10	<10	48	<10	57
CC94279		<20	0.09	<10	<10	100	<10	88
CC94280		<20	0.11	<10	<10	95	<10	92
CC94281		<20	0.05	<10	<10	67	<10	69
CC94282		<20	0.08	<10	<10	80	<10	77
CC94283		<20	0.07	<10	<10	122	<10	122
CC94284		<20	0.06	<10	<10	85	<10	87
CC94285		<20	0.08	<10	<10	54	<10	73
CC94286		<20	0.08	<10	<10	77	<10	87
CC94287		<20	0.08	<10	<10	83	<10	101
CC94288		<20	0.06	<10	<10	76	<10	122
CC94289		<20	0.07	<10	<10	69	<10	96
CC94290		<20	0.08	<10	<10	64	<10	66
CC94291		<20	0.10	<10	<10	77	<10	84
CC94292		<20	0.08	<10	<10	53	<10	88
CC94293		<20	0.09	<10	<10	48	<10	92
CC94294		<20	0.08	<10	<10	48	<10	66
CC94295		<20	0.07	<10	<10	50	<10	75
CC94296		<20	0.08	<10	<10	49	<10	77
CC94297		<20	0.07	<10	<10	52	<10	79
CC94298		<20	0.04	<10	<10	69	<10	89
CC94299		<20	0.06	<10	<10	75	<10	73
CC94300		<20	0.07	<10	<10	66	<10	68
CC94301		<20	0.07	<10	<10	61	<10	76
CC94302		<20	0.08	<10	<10	53	<10	49
CC94303		<20	0.05	<10	<10	42	<10	53
CC94304		<20	0.06	<10	<10	58	<10	83
CC94305		<20	0.07	<10	<10	55	<10	68
CC94306		<20	0.07	<10	<10	60	<10	98
CC94307		<20	0.09	<10	<10	71	<10	115

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Project: KLOTASSIN

CERTIFICATE OF ANALYSIS VA10098843

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	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	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC94308		0.22	0.003	0.3	1.75	33	<10	220	<0.5	<2	0.41	0.9	8	35	34	2.78
CC94309		0.26	<0.001	<0.2	1.20	13	<10	150	<0.5	<2	0.47	0.8	9	27	14	2.75
CC94310		0.32	0.003	<0.2	1.26	16	<10	150	0.5	<2	0.51	<0.5	9	28	18	2.82
CC94501		0.18	0.002	<0.2	1.18	15	<10	220	<0.5	<2	0.44	<0.5	6	24	18	2.09
CC94502		0.22	0.006	0.2	1.14	15	<10	150	<0.5	<2	0.43	<0.5	8	30	17	2.16
CC94503		0.24	<0.001	0.2	0.96	3	<10	160	<0.5	<2	0.28	<0.5	5	15	14	1.31
CC94504		0.14	<0.001	0.4	1.93	17	<10	310	0.6	<2	0.51	<0.5	6	23	23	2.26
CC94505		0.34	0.008	<0.2	1.28	12	<10	230	0.5	<2	0.39	<0.5	8	26	24	2.26
CC94506		0.18	0.005	0.3	1.61	93	<10	250	0.7	<2	0.37	<0.5	7	22	22	4.58
CC94507		0.28	0.001	0.3	1.28	12	<10	290	<0.5	<2	0.42	<0.5	5	15	23	2.21
CC94508		0.24	0.003	0.5	1.53	29	<10	220	0.5	<2	0.33	<0.5	5	22	20	2.11
CC94509		0.22	0.001	0.4	1.24	17	<10	130	<0.5	<2	0.15	<0.5	4	17	19	1.73
CC94510		0.32	0.005	0.4	1.38	50	<10	180	<0.5	<2	0.29	<0.5	6	29	21	2.42
CC94511		0.26	0.001	0.4	1.23	7	<10	160	<0.5	<2	0.23	<0.5	6	18	12	2.03
CC94512		0.20	0.001	0.2	1.51	10	<10	250	0.5	<2	0.32	<0.5	5	14	23	1.90
CC94513		0.24	0.005	0.3	2.55	60	<10	370	0.8	<2	0.37	<0.5	12	30	35	3.32
CC94514		0.34	0.004	0.3	1.75	29	<10	180	<0.5	<2	0.22	<0.5	14	28	26	2.68
CC94515		0.20	0.010	0.2	1.92	33	<10	330	1.0	<2	0.27	<0.5	8	27	33	2.69
CC94516		0.22	0.002	0.5	1.50	25	<10	200	0.8	<2	0.38	<0.5	6	22	31	2.35
CC94517		0.18	0.001	0.3	1.17	8	<10	130	<0.5	<2	0.31	<0.5	7	26	25	1.86
CC94518		0.18	0.008	0.4	0.63	8	<10	80	<0.5	<2	0.33	<0.5	3	12	16	0.96
CC94519		0.12	<0.001	<0.2	1.19	7	<10	240	<0.5	<2	0.97	<0.5	7	22	38	1.54
CC94520		0.20	<0.001	<0.2	1.44	7	<10	100	<0.5	<2	0.31	<0.5	7	24	18	1.78
CC94521		0.24	<0.001	0.2	1.19	24	<10	150	<0.5	<2	0.35	<0.5	6	22	18	1.90
CC94522		0.20	<0.001	0.2	1.55	12	<10	190	<0.5	<2	0.47	<0.5	8	33	23	2.28
CC94523		0.24	<0.001	0.2	1.58	9	<10	120	0.5	<2	0.65	<0.5	7	27	21	2.27
CC94524		0.18	<0.001	0.3	1.50	10	<10	140	<0.5	<2	0.65	<0.5	7	28	19	2.35
CC94525		0.20	<0.001	<0.2	1.32	5	<10	110	<0.5	<2	0.78	<0.5	7	24	16	2.07
CC94526		0.24	0.001	0.3	1.63	9	<10	160	0.5	<2	0.55	<0.5	8	27	22	2.11
CC94527		0.30	<0.001	0.2	1.75	10	<10	270	<0.5	<2	0.39	<0.5	8	32	21	2.66
CC94528		0.30	<0.001	<0.2	1.23	7	<10	110	<0.5	<2	0.35	<0.5	7	23	14	1.89
CC94529		0.24	0.018	0.2	1.41	5	<10	150	<0.5	<2	0.62	<0.5	8	25	19	2.08
CC94530		0.24	<0.001	<0.2	1.49	11	<10	110	<0.5	<2	0.64	<0.5	11	37	22	2.71
CC94531		0.18	<0.001	<0.2	1.42	6	<10	150	<0.5	<2	0.68	<0.5	8	28	19	2.05
CC94532		0.22	0.040	0.4	1.87	4	<10	190	0.5	<2	0.44	<0.5	5	43	33	1.64
CC94533		0.16	0.005	0.3	1.42	9	<10	150	<0.5	<2	0.35	<0.5	7	36	17	2.37
CC94534		0.28	0.002	0.5	2.06	6	<10	210	0.7	<2	0.28	<0.5	11	51	38	1.89
CC94535		0.26	0.020	0.2	1.63	2	<10	160	<0.5	<2	0.30	<0.5	6	45	21	1.81
CC94536		0.30	0.002	<0.2	1.42	16	<10	140	<0.5	2	0.23	0.7	11	76	44	2.97
CC94537		0.24	0.003	0.3	1.90	8	<10	330	0.7	<2	0.29	1.2	8	64	44	1.72

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CERTIFICATE OF ANALYSIS VA10098843

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
CC94308		10	<1	0.09	10	0.36	320	2	0.02	28	850	7	0.05	2	4	38
CC94309		<10	<1	0.12	20	0.40	347	<1	0.02	20	1050	6	0.03	3	4	33
CC94310		<10	<1	0.13	20	0.44	434	<1	0.01	21	1010	8	0.02	2	4	39
CC94501		<10	<1	0.09	20	0.33	334	<1	0.02	17	870	7	0.03	<2	4	32
CC94502		<10	<1	0.11	20	0.43	454	<1	0.01	24	870	6	0.01	<2	3	27
CC94503		<10	<1	0.06	10	0.23	113	<1	0.02	11	630	5	0.02	<2	2	19
CC94504		10	<1	0.12	50	0.30	267	<1	0.02	15	730	9	0.04	<2	6	48
CC94505		<10	<1	0.08	20	0.41	268	<1	0.02	18	700	10	0.01	<2	4	31
CC94506		<10	<1	0.09	30	0.28	247	2	0.01	18	740	10	0.03	<2	4	41
CC94507		<10	<1	0.10	20	0.21	203	1	0.02	17	780	8	0.02	<2	4	48
CC94508		10	<1	0.07	20	0.28	145	<1	0.01	17	790	8	0.03	<2	4	31
CC94509		<10	<1	0.06	10	0.23	124	<1	0.01	11	850	9	0.05	<2	2	12
CC94510		10	<1	0.08	20	0.42	287	1	0.01	22	780	10	0.01	<2	3	21
CC94511		<10	<1	0.06	10	0.20	250	<1	0.01	9	920	8	0.04	<2	2	19
CC94512		<10	<1	0.06	20	0.18	390	1	0.02	11	840	7	0.05	<2	2	37
CC94513		10	<1	0.10	20	0.40	818	2	0.01	21	1330	14	0.05	<2	4	46
CC94514		10	<1	0.07	20	0.45	897	1	0.01	18	560	12	0.02	<2	4	17
CC94515		<10	<1	0.09	60	0.44	487	1	0.01	18	630	18	0.02	<2	3	29
CC94516		<10	<1	0.10	40	0.31	306	<1	0.02	19	770	10	0.04	<2	3	32
CC94517		10	<1	0.05	10	0.34	319	<1	0.02	15	520	7	0.02	<2	2	20
CC94518		<10	<1	0.03	10	0.15	91	1	0.03	6	570	3	0.04	<2	1	23
CC94519		<10	<1	0.04	10	0.30	378	1	0.03	16	790	4	0.08	<2	2	59
CC94520		10	<1	0.06	20	0.38	149	<1	0.02	14	660	6	0.05	<2	2	23
CC94521		<10	<1	0.07	20	0.32	252	1	0.02	15	680	5	0.03	<2	3	30
CC94522		<10	<1	0.07	10	0.51	359	<1	0.02	24	740	7	0.04	<2	3	31
CC94523		10	<1	0.10	20	0.44	257	<1	0.02	17	690	8	0.05	<2	3	38
CC94524		<10	<1	0.09	20	0.46	279	<1	0.02	18	740	8	0.04	<2	3	43
CC94525		<10	<1	0.10	20	0.42	228	<1	0.02	15	710	7	0.07	<2	3	59
CC94526		<10	<1	0.11	20	0.43	221	<1	0.02	17	660	8	0.06	<2	4	44
CC94527		<10	<1	0.17	20	0.54	269	<1	0.02	19	620	9	0.06	<2	4	28
CC94528		<10	<1	0.04	10	0.43	325	<1	0.02	12	620	5	0.05	<2	3	20
CC94529		<10	<1	0.10	20	0.42	253	<1	0.02	16	790	8	0.08	<2	4	43
CC94530		10	<1	0.09	20	0.56	380	<1	0.02	21	790	6	0.06	<2	5	37
CC94531		<10	<1	0.10	20	0.47	230	<1	0.02	18	870	8	0.09	<2	4	47
CC94532		10	<1	0.11	20	0.49	138	<1	0.03	26	720	6	0.06	<2	4	29
CC94533		<10	<1	0.07	20	0.49	341	<1	0.01	23	930	6	0.03	<2	4	20
CC94534		10	<1	0.11	30	0.59	199	<1	0.02	29	900	8	0.05	<2	6	18
CC94535		10	<1	0.08	20	0.54	182	<1	0.01	27	750	7	0.02	<2	3	20
CC94536		10	<1	0.05	10	0.51	339	1	0.01	76	640	15	0.02	3	3	17
CC94537		10	<1	0.05	40	0.67	149	<1	0.01	114	830	10	0.04	<2	4	18

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	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC94308		<20	0.04	<10	<10	67	<10	87
CC94309		<20	0.09	<10	<10	62	<10	69
CC94310		<20	0.09	<10	<10	59	<10	76
CC94501		<20	0.05	<10	<10	40	<10	60
CC94502		<20	0.07	<10	<10	45	<10	64
CC94503		<20	0.04	<10	<10	27	<10	41
CC94504		<20	0.03	<10	<10	40	<10	66
CC94505		<20	0.07	<10	<10	44	<10	49
CC94506		<20	0.03	<10	<10	43	<10	60
CC94507		<20	0.04	<10	<10	43	<10	56
CC94508		<20	0.04	<10	<10	43	<10	66
CC94509		<20	0.03	<10	<10	39	<10	40
CC94510		<20	0.05	<10	<10	47	<10	61
CC94511		<20	0.05	<10	<10	59	<10	41
CC94512		<20	0.02	<10	<10	33	<10	42
CC94513		<20	0.01	<10	<10	61	<10	69
CC94514		<20	0.05	<10	<10	56	<10	63
CC94515		<20	0.02	<10	<10	45	<10	54
CC94516		<20	0.02	<10	<10	46	<10	60
CC94517		<20	0.06	<10	<10	49	<10	35
CC94518		<20	0.03	<10	<10	23	<10	20
CC94519		<20	0.04	<10	<10	34	<10	41
CC94520		<20	0.07	<10	<10	41	<10	49
CC94521		<20	0.04	<10	<10	41	<10	43
CC94522		<20	0.06	<10	<10	49	<10	56
CC94523		<20	0.07	<10	<10	46	<10	60
CC94524		<20	0.08	<10	<10	50	<10	61
CC94525		<20	0.07	<10	<10	40	<10	58
CC94526		<20	0.07	<10	<10	41	<10	58
CC94527		<20	0.10	<10	<10	51	<10	68
CC94528		<20	0.07	<10	<10	43	<10	41
CC94529		<20	0.08	<10	<10	41	<10	58
CC94530		<20	0.11	<10	<10	50	<10	65
CC94531		<20	0.08	<10	<10	43	<10	61
CC94532		<20	0.08	<10	<10	46	<10	56
CC94533		<20	0.08	<10	<10	60	<10	58
CC94534		<20	0.08	<10	<10	59	<10	57
CC94535		<20	0.07	<10	<10	50	<10	53
CC94536		<20	0.05	<10	<10	76	<10	62
CC94537		<20	0.03	<10	<10	70	<10	84

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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: 31-JUL-2010
Account: MTT

Project: KLOTASSIN

CERTIFICATE OF ANALYSIS VA10098843

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	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	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC94538		0.26	0.002	0.5	3.00	59	<10	520	1.1	2	0.36	1.0	10	60	37	4.86
CC94539		0.30	0.003	0.6	1.78	20	<10	240	0.7	<2	0.25	0.7	7	36	34	2.77
CC94540		0.24	0.004	0.5	2.35	11	<10	340	0.6	3	0.23	0.7	8	51	18	3.34
CC94541		0.30	0.003	<0.2	2.43	12	<10	210	1.2	3	0.36	0.9	13	47	21	3.51
CC94542		0.28	0.002	0.2	2.08	5	<10	290	0.8	2	0.40	0.9	9	41	24	2.38
CC94543		0.24	0.002	<0.2	1.42	5	<10	200	<0.5	<2	0.41	0.7	7	30	22	2.13
CC94544		0.30	0.003	<0.2	1.68	10	<10	220	0.5	<2	0.36	0.7	8	37	16	2.30
CC94545		0.20	0.002	0.2	1.86	10	<10	220	0.5	2	0.30	0.7	7	38	22	2.15
CC94546		0.28	<0.001	<0.2	1.18	5	<10	130	0.5	2	0.31	0.6	5	26	16	2.03
CC94547		0.20	0.004	0.8	2.73	15	<10	350	0.8	<2	0.50	0.9	8	48	33	2.69
CC94548		0.24	0.003	<0.2	1.81	3	<10	240	0.6	<2	0.43	0.8	8	37	30	1.76
CC94549		0.24	<0.001	<0.2	1.87	9	<10	160	0.6	<2	0.56	0.6	7	44	48	2.30
CC94550		0.24	<0.001	<0.2	1.58	16	<10	130	0.5	2	0.63	0.8	8	28	16	2.56
CC94551		0.20	<0.001	<0.2	1.39	11	<10	120	<0.5	<2	0.54	0.8	8	29	18	2.28
CC94552		0.22	0.001	<0.2	1.64	18	<10	130	0.5	<2	0.62	0.8	8	27	17	2.42
CC94553		0.24	0.001	<0.2	1.39	19	<10	120	<0.5	2	0.76	0.7	8	25	14	2.66
CC94554		0.22	0.001	<0.2	1.65	19	<10	120	0.5	<2	0.82	0.9	8	28	23	2.19
CC94555		0.30	0.002	<0.2	2.01	34	<10	120	0.7	2	0.47	0.6	10	37	20	2.97
CC94556		0.28	0.010	<0.2	1.37	24	<10	120	<0.5	<2	0.38	0.6	10	27	16	2.62
CC94557		0.18	0.001	<0.2	2.09	23	<10	180	0.5	<2	0.58	0.7	8	31	38	2.16
CC94558		0.38	0.003	<0.2	2.28	10	<10	210	0.6	2	0.42	0.7	11	39	32	3.03
CC94559		0.30	0.004	<0.2	1.99	7	<10	220	0.5	2	0.43	0.9	9	42	39	2.72
CC94560		0.34	0.002	<0.2	2.09	14	<10	230	0.5	2	0.40	0.6	10	35	23	2.96
CC94561		0.26	0.002	<0.2	1.98	13	<10	230	<0.5	<2	0.40	0.7	9	32	18	3.05
CC94562		0.22	<0.001	0.3	2.86	25	<10	560	0.8	4	0.41	0.7	7	36	46	3.83
CC94563		0.36	0.005	<0.2	1.67	8	<10	220	<0.5	<2	0.29	0.6	7	27	16	2.09
CC94564		0.20	0.005	<0.2	1.91	4	<10	300	0.5	<2	0.30	0.7	4	22	16	1.62
CC94565		0.42	0.004	<0.2	1.38	26	<10	170	<0.5	<2	0.37	0.6	7	30	14	2.57
CC94566		0.36	0.004	<0.2	2.26	32	<10	220	0.6	<2	0.39	0.6	7	29	21	2.99
CC94567		0.28	0.002	<0.2	1.85	10	<10	260	0.5	<2	0.30	0.6	7	26	19	2.22
CC94568		0.24	0.006	0.2	3.02	31	<10	390	0.6	2	0.50	0.7	9	35	21	3.78
CC94569		0.24	0.006	<0.2	2.00	15	<10	280	0.5	<2	0.45	0.6	8	27	18	2.60
CC94570		0.22	0.003	<0.2	2.18	14	<10	310	0.6	2	0.63	0.7	11	27	30	2.75
CC94571		0.24	0.002	<0.2	1.93	13	<10	250	<0.5	2	0.37	0.8	5	26	22	2.09
CC94572		0.30	0.002	<0.2	2.30	7	<10	210	0.6	<2	0.43	<0.5	10	36	38	3.27
CC94573		0.32	0.002	<0.2	2.41	10	<10	200	<0.5	<2	0.43	<0.5	11	38	29	3.65
CC94574		0.26	0.001	<0.2	1.99	8	<10	160	<0.5	<2	0.29	<0.5	7	31	25	2.59
CC94575		0.36	<0.001	<0.2	2.35	5	<10	230	0.5	<2	0.42	<0.5	10	32	21	3.67
CC94576		0.34	0.002	0.4	1.94	8	<10	170	<0.5	2	0.33	<0.5	7	30	25	3.00
CC94577		0.28	0.002	<0.2	2.57	10	<10	240	0.6	2	0.43	<0.5	10	40	25	3.42

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CERTIFICATE OF ANALYSIS VA10098843

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
CC94538		10	<1	0.09	60	0.61	404	1	0.01	55	1050	14	0.07	<2	6	29
CC94539		10	<1	0.13	40	0.41	326	1	0.01	28	730	10	0.05	<2	4	22
CC94540		10	<1	0.08	40	0.62	263	<1	0.01	40	630	19	0.04	<2	7	16
CC94541		10	<1	0.14	70	0.75	611	<1	0.01	33	510	21	0.04	<2	6	22
CC94542		10	<1	0.09	60	0.51	284	<1	0.01	33	760	14	0.06	<2	6	28
CC94543		10	<1	0.06	40	0.37	187	<1	0.01	23	880	8	0.07	<2	4	24
CC94544		<10	<1	0.09	40	0.52	229	<1	0.01	25	880	9	0.04	<2	5	20
CC94545		10	<1	0.08	30	0.51	178	<1	0.01	25	690	10	0.04	<2	4	20
CC94546		<10	<1	0.08	20	0.36	265	<1	0.01	17	820	7	0.02	<2	3	17
CC94547		10	<1	0.13	70	0.50	158	<1	0.01	30	850	14	0.06	<2	8	35
CC94548		10	<1	0.09	40	0.48	221	<1	0.02	28	770	9	0.06	<2	5	29
CC94549		10	<1	0.07	20	0.49	248	<1	0.03	23	590	6	0.09	2	4	36
CC94550		10	<1	0.12	20	0.44	283	<1	0.02	19	820	6	0.06	<2	3	37
CC94551		10	<1	0.10	20	0.41	204	<1	0.02	20	830	7	0.06	<2	3	33
CC94552		10	<1	0.11	20	0.44	337	<1	0.02	18	710	7	0.06	<2	3	39
CC94553		10	<1	0.12	20	0.40	505	<1	0.02	17	790	7	0.06	<2	3	46
CC94554		<10	<1	0.07	20	0.43	217	<1	0.02	20	680	6	0.09	<2	3	48
CC94555		10	1	0.08	20	0.57	353	<1	0.02	23	650	7	0.03	<2	4	33
CC94556		10	<1	0.09	20	0.41	366	<1	0.02	18	620	7	0.03	<2	3	25
CC94557		10	<1	0.06	20	0.37	150	<1	0.02	30	930	6	0.09	<2	3	39
CC94558		10	<1	0.13	20	0.68	365	<1	0.02	28	730	6	0.03	3	6	25
CC94559		10	<1	0.15	30	0.64	243	1	0.02	26	830	7	0.02	<2	9	23
CC94560		10	<1	0.10	10	0.59	357	1	0.01	21	720	8	0.02	2	5	23
CC94561		10	<1	0.11	10	0.57	364	1	0.01	21	490	9	0.03	<2	4	26
CC94562		10	<1	0.14	40	0.46	364	2	0.02	30	990	9	0.07	<2	6	40
CC94563		<10	<1	0.06	10	0.41	189	<1	0.01	15	670	8	0.02	<2	4	19
CC94564		10	<1	0.06	60	0.20	95	<1	0.02	11	550	7	0.06	<2	6	23
CC94565		10	<1	0.08	10	0.38	349	<1	0.01	15	980	5	0.02	<2	4	21
CC94566		10	<1	0.12	30	0.54	323	<1	0.02	16	760	7	0.03	<2	6	26
CC94567		10	<1	0.07	30	0.31	247	<1	0.02	12	640	7	0.03	<2	6	21
CC94568		10	<1	0.13	20	0.52	1040	<1	0.02	19	720	9	0.04	4	7	39
CC94569		10	<1	0.08	30	0.35	494	<1	0.02	16	880	7	0.05	<2	5	30
CC94570		10	<1	0.08	40	0.37	1190	1	0.03	19	920	7	0.06	<2	5	66
CC94571		10	<1	0.08	20	0.36	382	<1	0.02	15	760	6	0.05	<2	5	29
CC94572		10	<1	0.20	20	0.70	374	1	0.02	30	750	11	0.02	<2	7	27
CC94573		10	<1	0.18	10	0.73	411	1	0.02	22	760	11	0.02	<2	6	29
CC94574		10	<1	0.10	20	0.50	186	1	0.02	16	640	9	0.05	<2	3	21
CC94575		10	<1	0.30	20	0.65	495	1	0.02	18	940	7	<0.01	<2	7	19
CC94576		10	<1	0.10	20	0.49	328	1	0.02	15	560	8	0.04	<2	4	23
CC94577		10	<1	0.13	20	0.68	423	1	0.02	21	790	9	0.03	<2	7	26

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CERTIFICATE OF ANALYSIS VA10098843

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
CC94538		<20	0.02	<10	<10	149	<10	108
CC94539		<20	0.03	<10	<10	52	<10	65
CC94540		<20	0.04	<10	<10	56	<10	99
CC94541		20	0.07	<10	<10	53	<10	139
CC94542		<20	0.05	<10	<10	48	<10	102
CC94543		<20	0.08	<10	<10	60	<10	73
CC94544		<20	0.06	<10	<10	46	<10	76
CC94545		<20	0.07	<10	<10	49	<10	79
CC94546		<20	0.06	<10	<10	44	<10	45
CC94547		<20	0.04	<10	<10	63	<10	90
CC94548		<20	0.06	<10	<10	42	<10	83
CC94549		<20	0.06	<10	<10	53	<10	54
CC94550		<20	0.09	<10	<10	47	<10	76
CC94551		<20	0.08	<10	<10	48	<10	70
CC94552		<20	0.08	<10	<10	44	<10	81
CC94553		<20	0.09	<10	<10	48	<10	78
CC94554		<20	0.08	<10	<10	47	<10	64
CC94555		<20	0.08	<10	<10	52	<10	61
CC94556		<20	0.09	<10	<10	52	<10	57
CC94557		<20	0.06	<10	<10	50	<10	86
CC94558		<20	0.12	<10	<10	65	<10	68
CC94559		<20	0.13	<10	<10	68	<10	68
CC94560		<20	0.10	<10	<10	63	<10	60
CC94561		<20	0.08	<10	<10	62	<10	69
CC94562		<20	0.03	<10	<10	65	<10	110
CC94563		<20	0.07	<10	<10	48	<10	56
CC94564		<20	0.03	<10	<10	45	<10	54
CC94565		<20	0.11	<10	<10	68	<10	65
CC94566		<20	0.10	<10	<10	54	<10	71
CC94567		<20	0.07	<10	<10	47	<10	66
CC94568		<20	0.08	<10	<10	64	<10	99
CC94569		<20	0.07	<10	<10	54	<10	80
CC94570		<20	0.07	<10	<10	53	<10	74
CC94571		<20	0.07	<10	<10	41	<10	77
CC94572		<20	0.15	<10	<10	68	<10	81
CC94573		<20	0.16	<10	<10	79	<10	84
CC94574		<20	0.09	<10	<10	59	<10	53
CC94575		<20	0.20	<10	<10	61	<10	85
CC94576		<20	0.10	<10	<10	62	<10	59
CC94577		<20	0.13	<10	<10	69	<10	72

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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	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	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC94578		0.32	0.002	0.2	2.62	8	<10	210	0.5	<2	0.40	<0.5	10	35	26	3.90
CC94579		0.34	<0.001	<0.2	2.13	5	<10	240	<0.5	2	0.45	<0.5	8	24	18	3.36
CC94580		0.20	0.001	0.3	1.67	3	<10	190	<0.5	<2	0.32	<0.5	4	18	21	1.70
CC94581		0.34	0.001	0.2	1.51	4	<10	180	<0.5	<2	0.32	<0.5	6	19	12	2.12
CC94582		0.30	0.001	0.2	1.35	6	<10	140	<0.5	<2	0.45	<0.5	8	30	14	2.18
CC94583		0.26	0.001	0.3	1.97	5	<10	220	0.5	<2	0.68	<0.5	7	19	19	2.35
CC94584		0.20	0.002	0.3	1.71	5	<10	180	<0.5	<2	0.65	<0.5	8	30	24	2.52
CC94585		0.16	0.002	0.3	1.60	2	<10	150	<0.5	<2	0.47	<0.5	6	30	21	2.05
CC94586		0.24	0.002	0.2	1.39	6	<10	140	<0.5	<2	0.66	<0.5	8	30	21	2.33
CC94587		Not Recvd														
CC94588		Not Recvd														
CC94589		Not Recvd														
CC94590		Not Recvd														
CC94591		0.16	0.004	1.7	2.00	15	<10	220	0.6	<2	0.41	<0.5	9	54	30	2.70
CC94592		0.30	0.002	0.4	2.48	11	<10	240	0.6	<2	0.30	<0.5	12	66	34	3.17
CC94593		0.24	0.004	0.3	1.73	18	<10	150	<0.5	<2	0.23	<0.5	7	38	16	2.80
CC94594		0.26	0.001	0.4	1.75	12	<10	170	0.5	<2	0.31	<0.5	9	52	27	2.79
CC94595		0.30	0.002	<0.2	1.64	16	<10	160	0.5	2	0.37	<0.5	10	40	29	2.88
CC94596		0.20	0.004	0.2	1.65	14	<10	120	0.5	<2	0.27	<0.5	7	32	19	2.49
CC94597		0.16	0.011	0.3	1.40	141	<10	150	0.6	<2	0.20	<0.5	7	25	18	2.35
CC94598		0.22	0.001	0.3	1.91	12	<10	140	<0.5	<2	0.18	<0.5	8	31	33	3.27
CC94599		0.18	0.003	0.3	1.45	18	<10	210	0.8	<2	0.30	<0.5	5	22	32	2.19
CC94600		0.22	0.011	<0.2	1.68	50	<10	160	<0.5	<2	0.17	<0.5	5	23	26	2.12
CC94601		0.26	0.029	0.2	1.95	40	<10	520	0.7	2	0.23	<0.5	9	24	16	2.80
CC94602		0.24	0.007	0.4	1.51	14	<10	360	0.5	<2	0.31	<0.5	6	20	12	2.26
CC94603		0.22	0.005	0.5	1.76	4	<10	430	0.8	<2	0.42	<0.5	4	21	15	1.75
CC94604		0.20	0.008	0.3	2.12	17	<10	610	0.5	<2	0.53	<0.5	3	22	15	2.26
CC94605		0.28	0.005	1.0	1.89	13	<10	200	0.7	<2	0.41	<0.5	6	31	18	2.50
CC94606		0.18	0.001	0.5	2.00	11	<10	260	0.6	<2	0.36	<0.5	8	36	23	3.03
CC94607		0.22	0.004	0.3	1.77	14	<10	290	0.6	<2	0.40	<0.5	6	24	18	1.86
CC94608		0.20	0.005	0.3	1.96	23	<10	330	0.7	<2	0.36	<0.5	6	26	24	2.13
CC94609		0.20	0.003	0.3	1.75	9	<10	220	0.6	<2	0.49	<0.5	5	24	19	1.68
CC94610		0.16	0.004	0.3	1.59	13	<10	180	0.5	2	0.41	<0.5	6	24	14	1.91
CC94611		0.20	0.005	0.3	1.64	5	<10	200	0.6	<2	0.50	<0.5	5	22	18	1.45
CC94612		0.18	0.003	0.2	1.41	18	<10	190	0.7	<2	0.51	<0.5	5	22	19	2.01
CC94613		0.22	0.003	<0.2	1.57	12	<10	180	0.5	<2	0.38	<0.5	7	29	16	2.98
CC94614		0.22	0.004	0.2	1.49	7	<10	210	<0.5	<2	0.43	<0.5	5	23	16	1.77
CC94615		0.26	0.004	<0.2	1.20	2	<10	130	0.5	<2	0.39	<0.5	4	19	13	1.40

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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: 31-JUL-2010
Account: MTT

Project: KLOTASSIN

CERTIFICATE OF ANALYSIS VA10098843

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
CC94578		10	<1	0.13	20	0.63	561	1	0.02	19	700	9	0.04	<2	6	28
CC94579		10	<1	0.22	20	0.54	424	1	0.03	12	960	7	0.04	<2	6	20
CC94580		10	<1	0.06	20	0.23	142	<1	0.03	9	710	6	0.10	<2	4	25
CC94581		10	1	0.07	20	0.31	296	<1	0.02	9	660	6	0.07	<2	4	21
CC94582		<10	<1	0.06	10	0.41	304	1	0.02	13	850	6	0.07	<2	4	29
CC94583		10	<1	0.10	30	0.42	463	1	0.03	10	840	8	0.08	<2	4	46
CC94584		10	<1	0.11	30	0.45	193	1	0.03	17	940	8	0.09	<2	5	44
CC94585		10	<1	0.11	30	0.45	235	1	0.03	16	810	6	0.08	<2	5	28
CC94586		<10	<1	0.10	30	0.46	306	1	0.03	16	890	6	0.08	<2	4	45
CC94587																
CC94588																
CC94589																
CC94590																
CC94591		10	<1	0.10	20	0.52	391	2	0.02	40	960	7	0.07	<2	4	30
CC94592		10	1	0.22	20	0.84	265	1	0.02	41	820	12	0.07	<2	6	22
CC94593		10	1	0.08	10	0.46	443	1	0.02	19	780	8	0.06	<2	2	17
CC94594		10	1	0.06	10	0.43	437	2	0.02	24	1860	10	0.16	<2	1	25
CC94595		10	<1	0.14	20	0.59	348	1	0.02	32	810	8	0.06	<2	4	21
CC94596		10	<1	0.08	20	0.46	234	1	0.02	22	810	8	0.07	<2	3	15
CC94597		<10	<1	0.09	40	0.24	339	2	0.02	14	670	11	0.10	<2	2	18
CC94598		10	1	0.06	10	0.37	284	2	0.02	17	440	11	0.09	<2	3	20
CC94599		<10	<1	0.08	100	0.26	169	1	0.03	15	740	9	0.10	<2	2	26
CC94600		10	<1	0.11	40	0.28	161	1	0.02	10	610	13	0.06	<2	3	14
CC94601		10	<1	0.13	30	0.31	776	2	0.02	13	830	10	0.07	<2	2	23
CC94602		<10	<1	0.10	20	0.26	220	1	0.02	11	850	9	0.07	<2	2	23
CC94603		10	<1	0.09	130	0.34	119	1	0.02	11	810	11	0.01	<2	4	32
CC94604		10	<1	0.11	20	0.23	172	1	0.02	13	1050	7	0.03	<2	4	44
CC94605		10	<1	0.09	40	0.34	163	1	0.02	21	910	8	0.01	<2	5	28
CC94606		10	1	0.10	30	0.38	392	1	0.02	29	870	7	<0.01	<2	5	26
CC94607		<10	<1	0.10	50	0.30	305	1	0.02	15	590	8	0.05	<2	4	29
CC94608		10	<1	0.09	60	0.33	306	1	0.02	14	620	10	0.08	<2	5	28
CC94609		<10	<1	0.09	50	0.30	145	1	0.02	16	720	8	0.08	<2	5	37
CC94610		<10	<1	0.09	40	0.29	286	1	0.02	15	690	7	0.08	<2	4	30
CC94611		<10	<1	0.08	40	0.30	111	1	0.02	14	640	8	0.11	<2	5	37
CC94612		<10	<1	0.06	40	0.30	308	1	0.03	19	680	10	0.05	<2	4	41
CC94613		10	<1	0.08	40	0.34	311	<1	0.03	15	730	9	0.04	<2	5	27
CC94614		<10	<1	0.07	30	0.32	154	<1	0.03	10	670	6	0.04	<2	4	32
CC94615		<10	<1	0.06	30	0.25	123	<1	0.03	12	720	6	0.04	<2	3	27

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CERTIFICATE OF ANALYSIS VA10098843

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
CC94578		<20	0.13	<10	<10	75	<10	84
CC94579		<20	0.18	<10	<10	49	<10	84
CC94580		<20	0.06	<10	<10	40	<10	42
CC94581		<20	0.09	<10	<10	41	<10	55
CC94582		<20	0.09	<10	<10	60	<10	58
CC94583		<20	0.05	<10	<10	43	<10	66
CC94584		<20	0.09	<10	<10	57	<10	85
CC94585		<20	0.08	<10	<10	46	<10	73
CC94586		<20	0.09	<10	<10	54	<10	80
CC94587								
CC94588								
CC94589								
CC94590								
CC94591		<20	0.06	<10	<10	64	<10	83
CC94592		<20	0.12	<10	<10	87	<10	88
CC94593		<20	0.07	<10	<10	65	<10	56
CC94594		<20	0.03	<10	<10	85	<10	54
CC94595		<20	0.10	<10	<10	69	<10	62
CC94596		<20	0.08	<10	<10	54	<10	53
CC94597		<20	0.03	<10	<10	42	<10	51
CC94598		<20	0.09	<10	<10	79	<10	61
CC94599		<20	0.03	<10	<10	40	<10	50
CC94600		<20	0.03	<10	<10	60	<10	47
CC94601		<20	0.01	<10	<10	44	<10	70
CC94602		<20	0.03	<10	<10	47	<10	63
CC94603		<20	0.02	<10	<10	36	<10	52
CC94604		<20	0.02	<10	<10	39	<10	81
CC94605		<20	0.07	<10	<10	58	<10	58
CC94606		<20	0.08	<10	<10	82	<10	104
CC94607		<20	0.04	<10	<10	37	<10	84
CC94608		<20	0.04	<10	<10	41	<10	85
CC94609		<20	0.05	<10	<10	35	<10	87
CC94610		<20	0.05	<10	<10	34	<10	68
CC94611		<20	0.05	<10	<10	29	<10	78
CC94612		<20	0.04	<10	<10	32	<10	70
CC94613		<20	0.07	<10	<10	47	<10	61
CC94614		<20	0.07	<10	<10	37	<10	57
CC94615		<20	0.05	<10	<10	32	<10	62

APPENDIX IV

AIRBORNE GEOPHYSICAL SURVEY AND INTERPREATION DATA

Assessment of Airborne Magnetics and Radiometrics Surveys at the CCC Prospect

A 360 line km helicopter magnetic and radiometric survey has been completed over the CCC prospect (Klotassin project) by New-Sense Geophysics Ltd. (New-Sense) for Strategic Metals Ltd. (Strategic Metals). CCC is reported to be a grassroots stockwork (White Gold Type) prospect located approximately 200 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 (HMR100816) for any additional survey details. Figure 1 shows the location of the survey area and flight path.

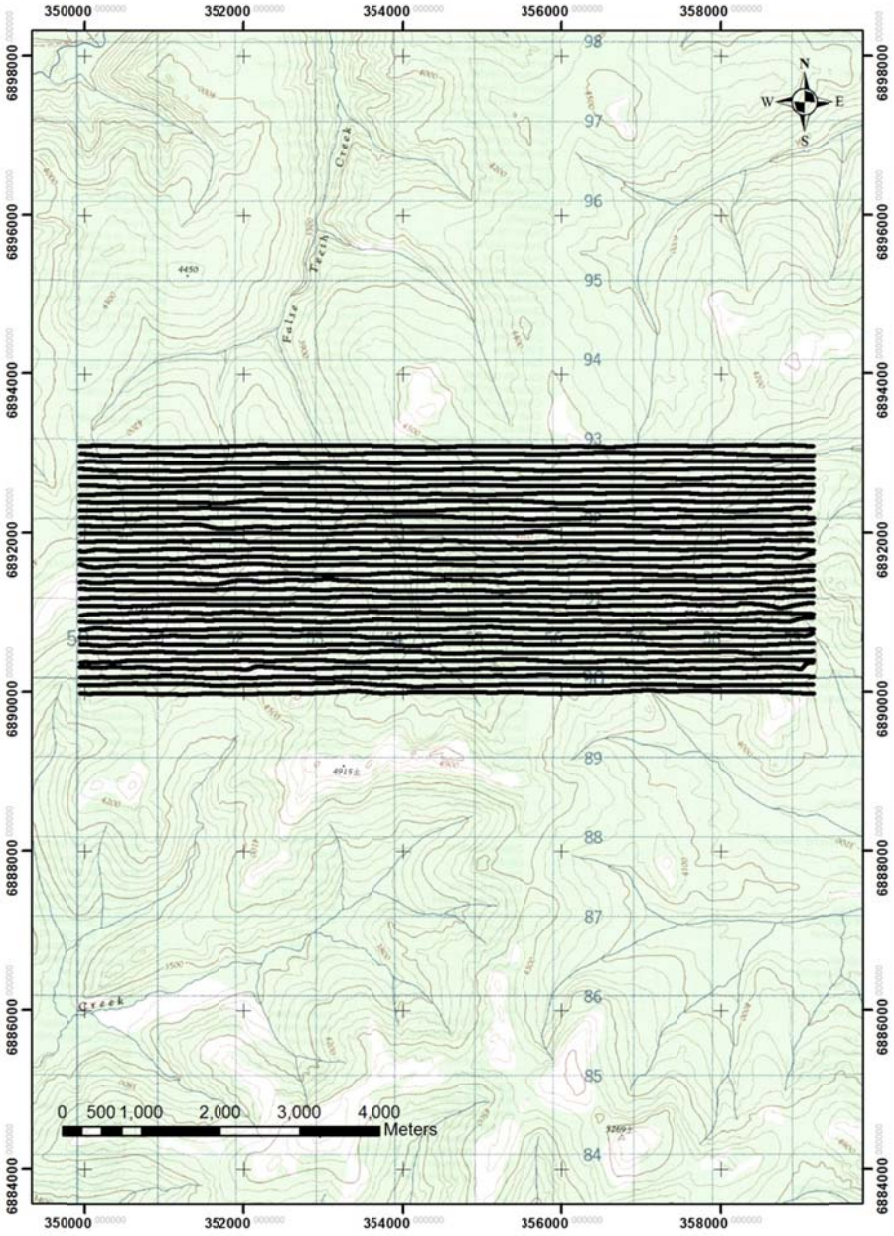


Figure 1: CCC airborne magnetics and radiometrics survey flight path.

The range of the magnetic response across the survey area is approximately 200 nT. The results show several distinct zones of elevated magnetism and interpreted structural breaks that are shown in Figure 2. The interpreted lineaments were derived from the total magnetic intensity image and associated filter products (1st and 2nd vertical derivative, tilt derivative, total gradient, upward continuation). Note the discrete magnetic low occurring between the two structures that are coincident with a 2 km diameter circular feature as seen in the topography. Anomalous As and Cu (up to 12 and 24 ppm respectively) measurements derived from the regional stream sediment sampling occur in the vicinity. It is recommended that this area be field checked for any exposed alteration and subsequently mapped and sampled.

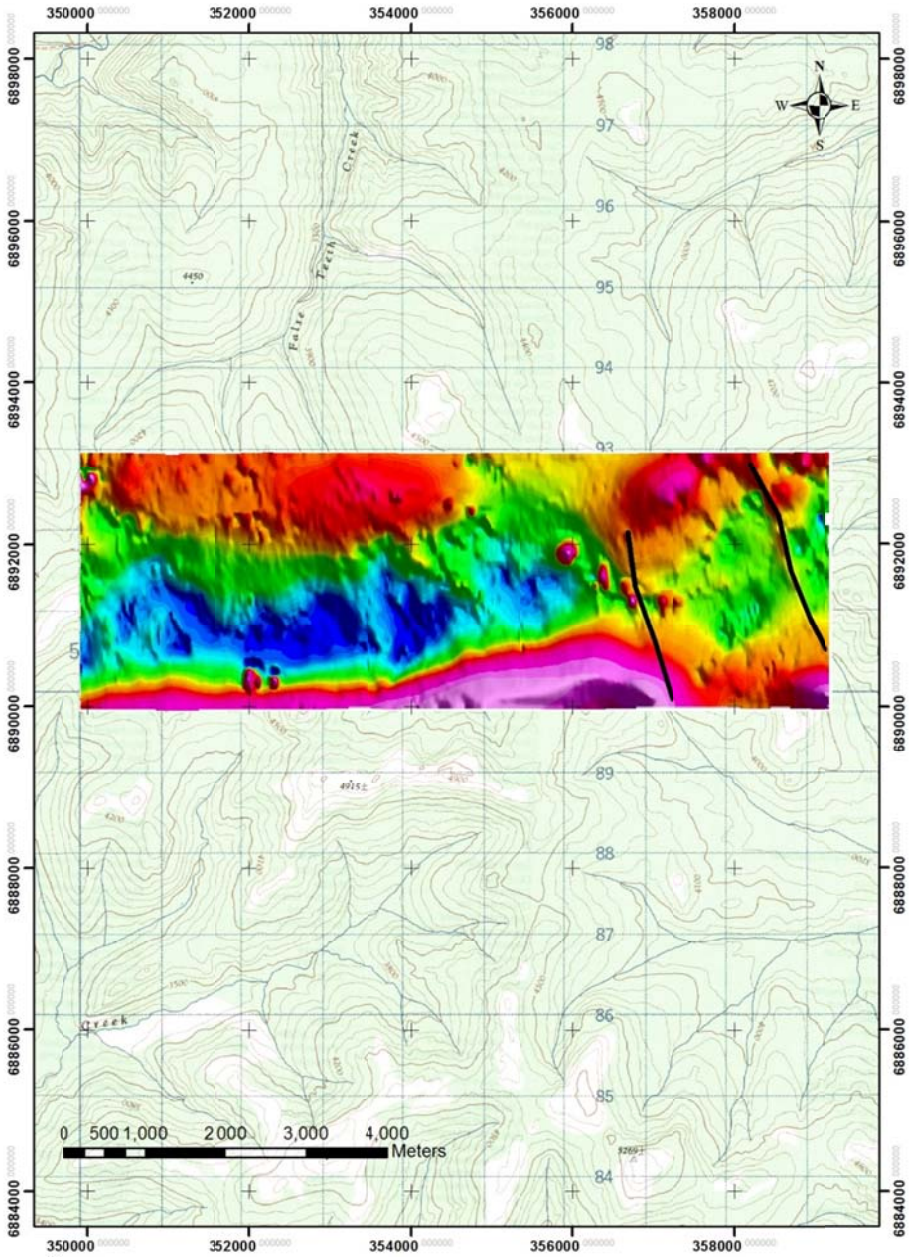


Figure 1: CCC total magnetic intensity image and interpreted structural lineaments.

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 CCC.

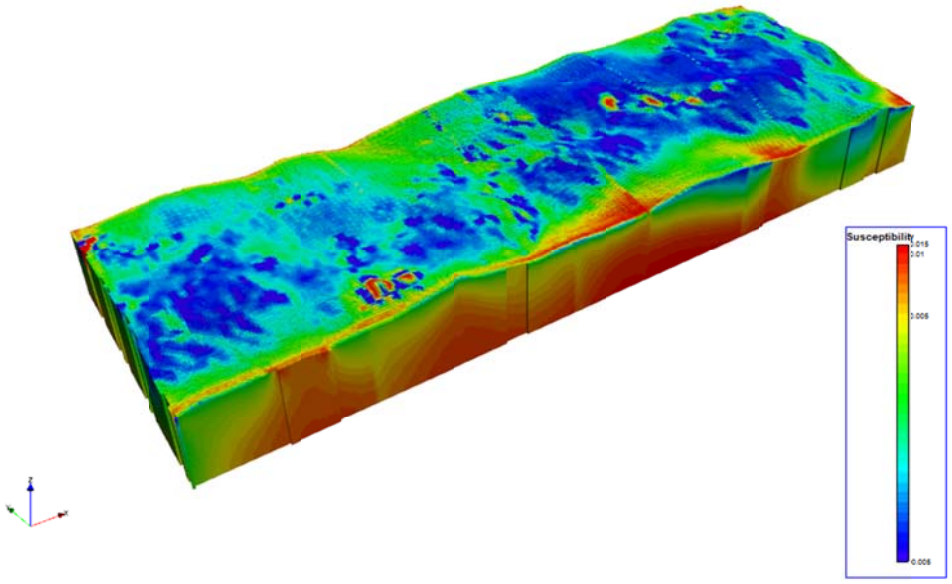


Figure 3: CCC 3D magnetic model.

The radiometrics data appears to be responding closely to topography. The higher responses appear associated with the topographic highs and drainage features while the lows correspond to the flatter lying covered valleys.

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 8N)
- 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 order to help advance the exploration program at CCC.

Respectfully submitted;

Mark Goldie

Condor Consulting, Inc.

November 9, 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 Klotassin Project Properties: BBB, CCC and DDD Blocks, YT, Canada from Carmacks, Yukon carried out on behalf of Strategic Metals Ltd. by New-Sense geophysics Limited, Project # HMR100816, October 2010.

Logistics
Report

For the

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

Flown over

KLOTASSIN Project Properties: BBB, CCC and DDD Blocks, YT, Canada

From

Carmacks, Yukon

Carried out on behalf of

STRATEGIC METALS LTD.

By

New-Sense Geophysics Limited



Toronto, Canada
October 12th, 2010
(HMR100816-report)

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AMENDMENT RECORD

Rev	Date	Description	Report Section	Prepared by

DOCUMENT RECORD

Document Identification	HMR100816-report
Document Custodian	Field Operations Manager
Relates To	Final Deliverables
Original Date Issued	October 12th, 2010

1. INTRODUCTION

A high sensitivity helicopter magnetic and gamma-ray spectrometric airborne survey was carried out for Strategic Metals Ltd. (Client) over three (3) project areas: BBB, CCC and DDD collectively known as Klotassin properties, located approximately 80 km west of Carmacks, Yukon, Canada.

New-Sense Geophysics (NSG) flew the survey under the terms of an agreement with Client dated August 16th, 2010.

The survey was flown between August 18th and August 21st, 2010. A total of 832 line kilometers of field magnetic and radiometric data was flown, collected, processed and plotted. These lines were flown in three (3) separate blocks listed below:

BBB Property	- 144 km
CCC Property	- 360 km
DDD Property	- 328 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. Klotassin airborne survey over BBB, CCC, and DDD blocks, Yukon, Canada.

2. SURVEY LOCATION

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

Table 2.1: BBB Property Coordinates

UTM Zone 8N			
NAD83_X	**NAD83_Y**	**WGS84_X**	**WGS84_Y**
364000	6903000	364000	6903000
367000	6903000	367000	6903000
367000	6899000	367000	6899000
364000	6899000	364000	6899000
364000	6903000	364000	6903000

Table 2.2: CCC Property Coordinates

UTM Zone 8N			
NAD83_X	**NAD83_Y**	**WGS84_X**	**WGS84_Y**
350000	6893111	350000	6893111
359093	6893111	359093	6893111
359093	6890000	359093	6890000
350000	6890000	350000	6890000
350000	6893111	350000	6893111

Table 2.3: DDD Property Coordinates

UTM Zone 8N			
NAD83_X	**NAD83_Y**	**WGS84_X**	**WGS84_Y**
357000	6884427	357000	6884427
364000	6884427	364000	6884427
364000	6880000	364000	6880000
357000	6880000	357000	6880000
357000	6884427	357000	6884427

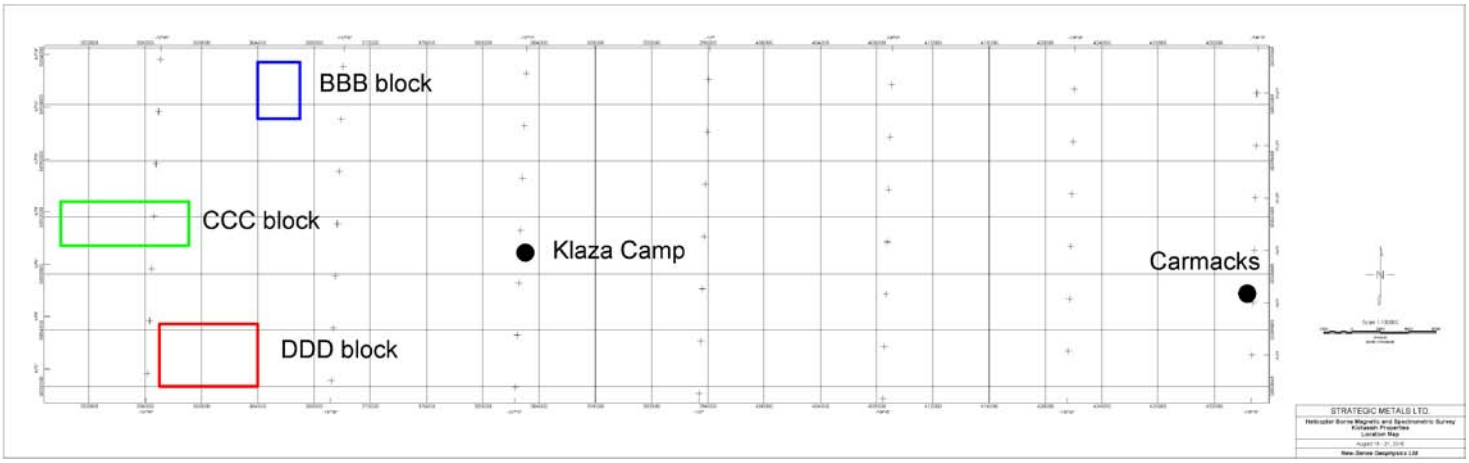


Figure 2.1 Location map depicting the outlines of the three (3) Klotassin properties: BBB (blue), CCC (green) and DDD (red). The coordinate system is NAD83, North America (all Canada and USA subunits), Zone 8N.

3. PERSONNEL

3.1 FIELD OPERATIONS

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

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

Specifications	BBB	CCC	DDD
Traverse Line Spacing (m)	100	100	100
Control Line Spacing (m)	1000	1000	1000
Nominal Terrain Clearance (m)	35	35	35
Actual Terrain Clearance (avrg. m)	36	35	36
Navigation	GPS	GPS	GPS
Traverse Line Direction (deg.)	0, 180	90, 270	0, 180
Control Line Direction (deg.)	90, 270	0, 180	90, 270
Magnetic Data Measurement Interval (sec.)	0.1	0.1	0.1
Radiometric Data Measurement Interval (sec.)	1	1	1
Ground Speed (avrg. km/h)	112.0	113.6	108.2
Magnetic Measurement Interval (avrg. m/0.1sec.)	3.1	3.2	3.0
Radiometric Measurement Interval (avrg. /1.0sec.)	31.0	32.0	30.0

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^{o} pitch, 10^{o} roll, and 10^{o} 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 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 was conducted on August 15th, 2010.

- **Height Attenuation Test**, which determined the altitude attenuation was conducted on August 20th, 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)	
			Unit Values	
	Lower	Upper	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 15th, 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 6.4 Cosmic and Aircraft Background coefficients

Cosmic Flight Test Result From August 15th, 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 6.5 Height Attenuation coefficients from August 20th, 2010

Element	Altitude attenuation coefficients
K	-0.0088
U	-0.0046
Th	-0.0068
TC	-0.0067

6.5 RADON TEST STRIPS

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

The test consisted of the helicopter flying a designated test area over relatively flat and dry terrain at nominal survey altitude near Klaza camp. The pilot was guided by the iDAS navigation system for approximately 5 minutes to allow for adequate statistics to be collected.

Since no noticeable radon fluctuations were observed, no radon 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 20th, 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 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 20th, 2010 were as follows:

Table 6.6 Ground Concentrations from August 20th, 2010

Radio Element	Ground Concentration	
Potassium	1.71	%
Equivalent Uranium	2.21	*ppm*
Equivalent Thorium	10.31	*ppm*
Total	62.3	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 6.7 Sensitivities @35m from August 20th, 2010

	Sensitivities @ 35m
K	$55.00\,cps/(\%)$
U	$4.01\,cps/(ppm)$
Th	$2.35\ cps/(ppm)$
TC	$14.81\ cps/(nGy/h)$

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 station was established in magnetically quiet area in the vicinity of Klaza camp at Latitude: 62.119366; Longitude: -137.242554.

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^{o}
Roll: 10-15^{o}
Yaw: 10-15^{o}

See Appendix B for the FOM results as flown on 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.

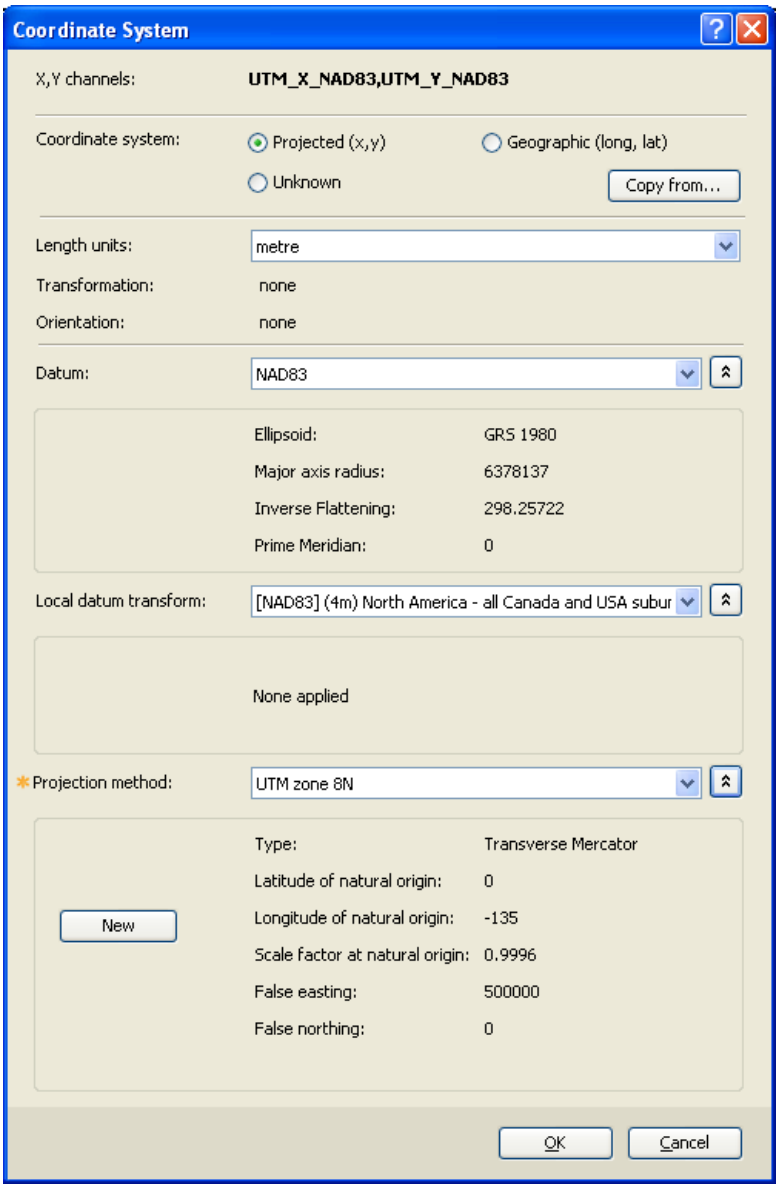
The results from the resolution tests were always found to be within the contract specifications (see Appendix D for the daily test results).

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 8N North America.



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
BBB	100	0	10	400	10.0	clip	0
CCC	100	90	10	400	5.0	clip	0
DDD	100	0	10	400	8.8	clip	500

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)
BBB	57259.10
CCC	57266.94
DDD	57272.74

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)
BBB	9.2	3.1	-3
CCC	9.2	3.2	-3
DDD	9.2	3.0	-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.

Heading test flight was flown at magnetically quite area at 10,000+ ft above sea level altitude on August 17^{h}, 2010 with the following results:

Table 7.4 Heading Test flight results: August 17th, 2010

Direction (deg.)	Mean on line (nT)	Mean in direction (nT)	Mean on heading (nT)	Error (nT)
0	57141.00	57143.34	57139.66	-3.67
0	57145.67			
180	57134.13	57135.99		3.67
180	57137.85			
90	57123.43	57123.46	57124.25	0.79
90	57123.48			
270	57125.15	57125.04		-0.79
270	57124.92			

The following heading corrections tables were constructed and applied to the data set:

```
/ Geosoft Heading Correction Table
/=   Direction:real:i
/=   Correction:real
/      Direction   Correction
     0      -3.67
     90     0.79
     180    3.67
     270    -0.79
     360    -3.67
```

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 7.5 IGRF averages per block

Block Name	Average Readings (nT)
BBB	57265.57
CCC	57224.80
DDD	57221.70

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 CCC and DDD blocks only (see Appendix F for full description of the procedure).

The following key microlevelling parameters were used:

Table 7.6 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
BBB	NA	NA	NA	NA	NA	NA	NA
CCC	100	90	10	400	3.9	clip	100
DDD	100	0	10	400	26.7	clip	100

The resulting microleveled channels for CCC and DDD blocks were stored in MAG_MICLEV channel.

The final Total Magnetic Intensity (TMI) data were stored in TMI_FINAL channel. Note, for the CCC and DDD blocks, TMI_FINAL is copied directly from MAG_MICLEV channel; for the BBB block, 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 CCC.

The following key microlevelling parameters were used (see Appendix F for full description of the procedure).

Table 7.7 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
BBB	100	0	20	400	3	clip	100
CCC	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDD	100	0	20	400	N/A	N/A	N/A

Table 7.8 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
BBB	100	0	20	400	3.2	clip	100
CCC	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDD	100	0	20	400	N/A	N/A	N/A

Table 7.9 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
BBB	100	0	20	400	3.7	clip	100
CCC	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDD	100	0	20	400	4.3	clip	100

Table 7.10 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
BBB	100	0	20	400	25.4	clip	0
CCC	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDD	100	0	20	400	68.0	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 BBB, CCC and DDD 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 BBB, CCC and DDD 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 BBB, CCC and DDD 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 BBB, CCC and DDD 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.

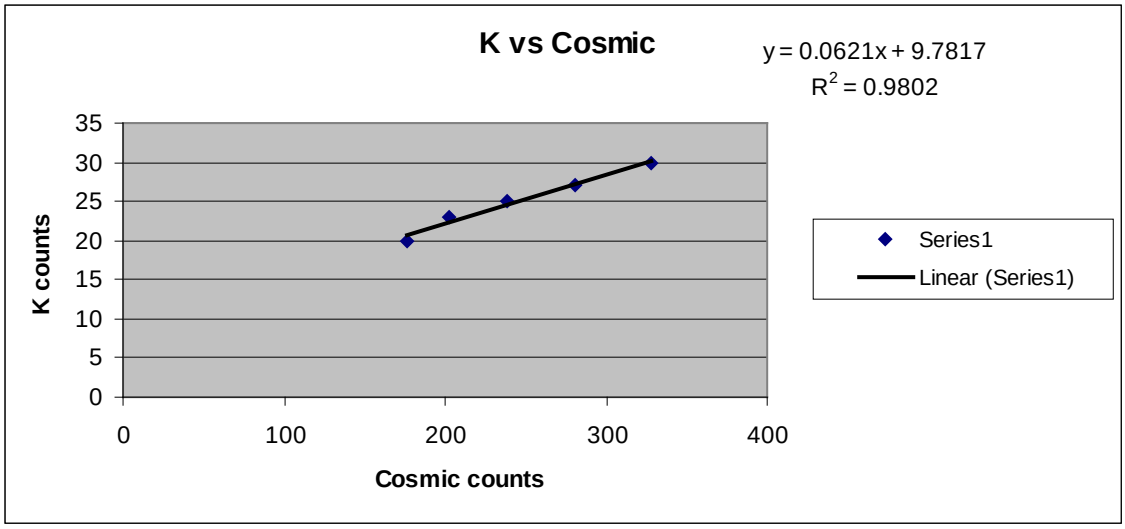
Further processing of the data may enhance subtle features that can be of importance for exploration purposes.

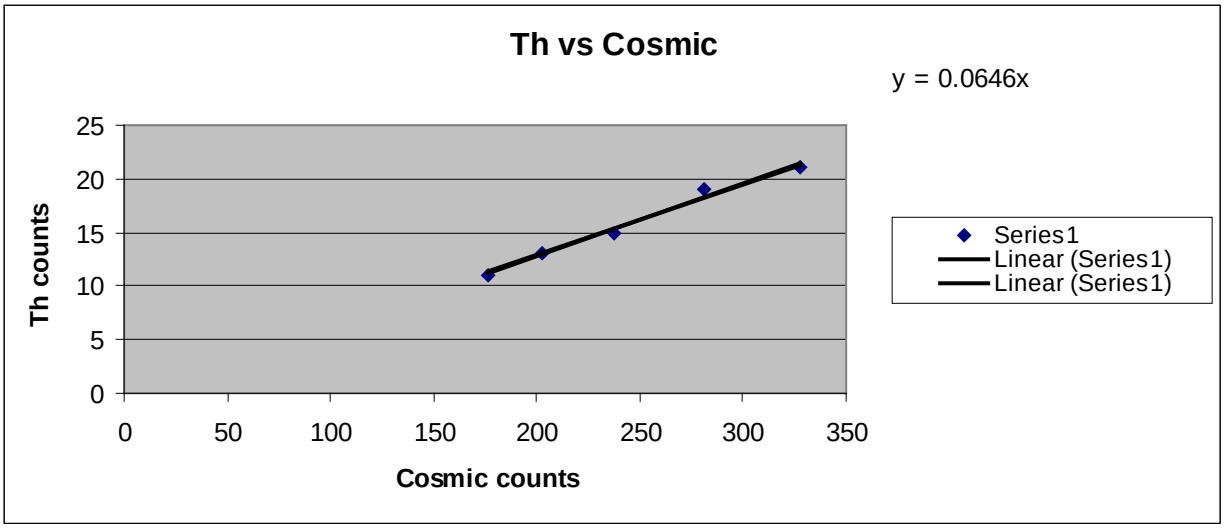
Respectfully submitted,

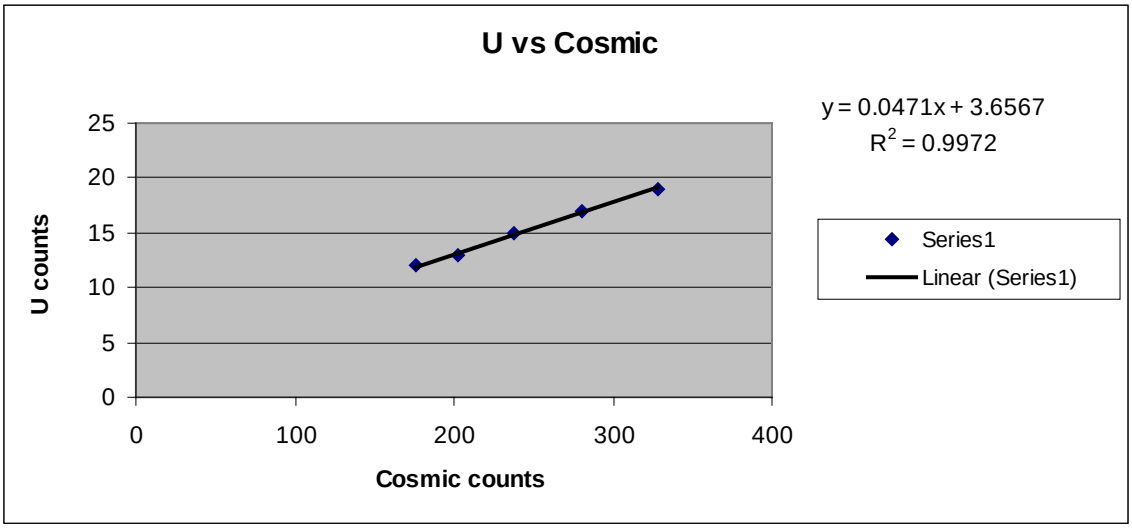
Andrei Yakovenko
New-Sense Geophysics Ltd.
Date: October 12th, 2010

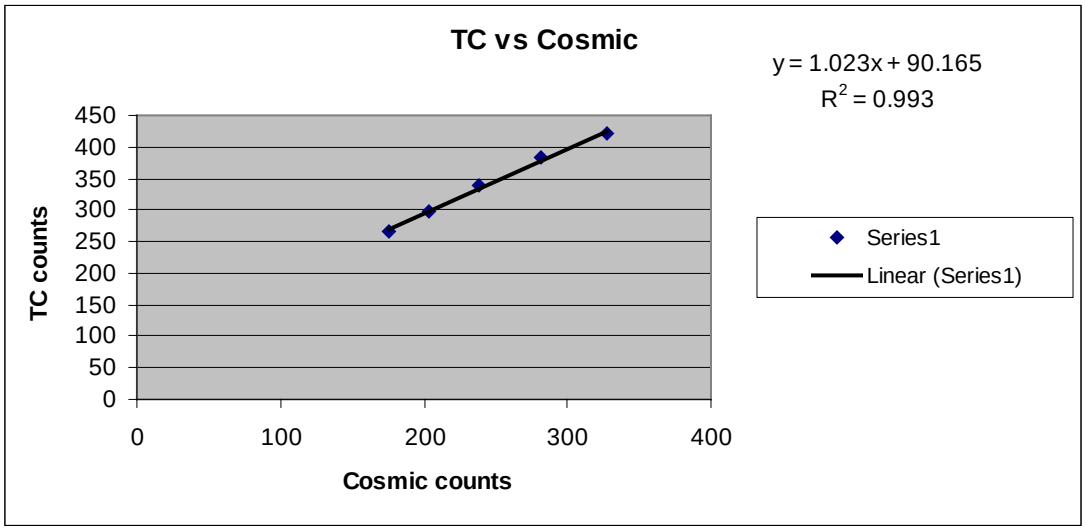
APPENDIX A: BACKGROUND AND COSMIC TESTS CHARTS

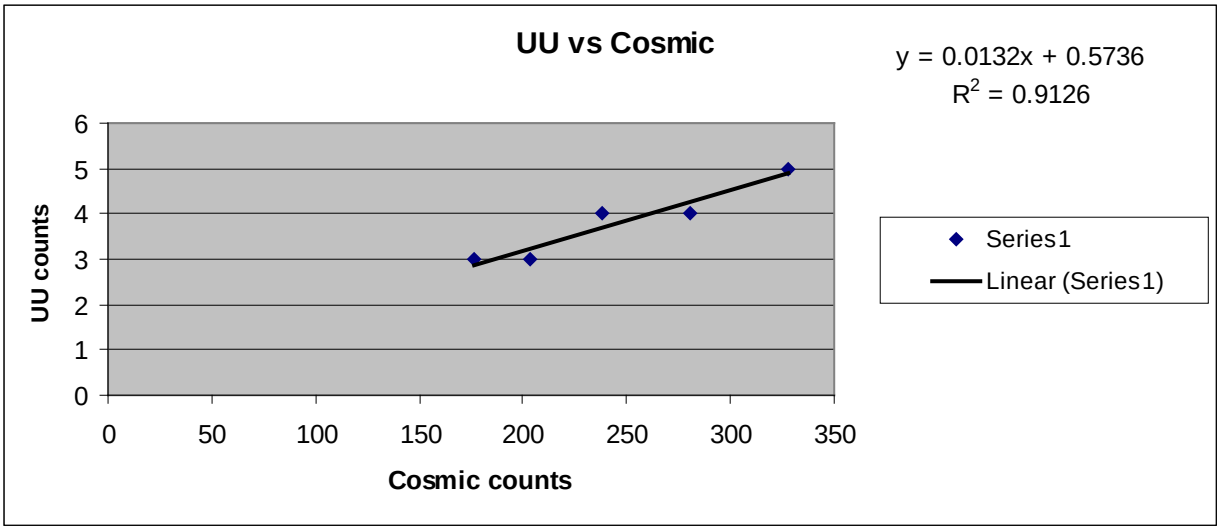
August 15, 2010





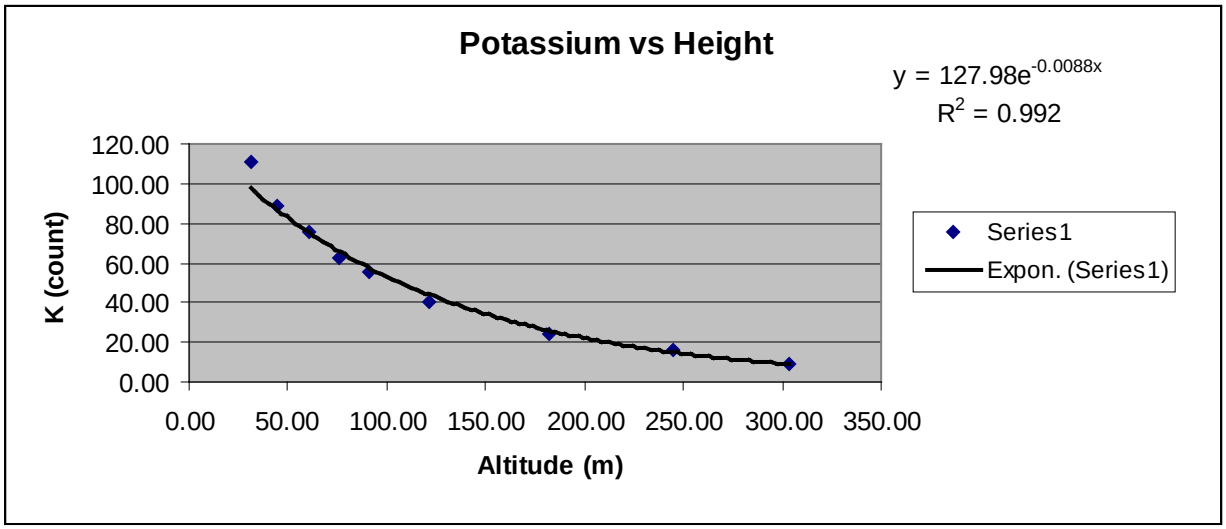

U vs Cosmic
y = 0.0471x + 3.6567
R2 = 0.9972
U counts
Cosmic counts
0
5
10
15
20
25
0
100
200
300
400
Series1
Linear (Series1)

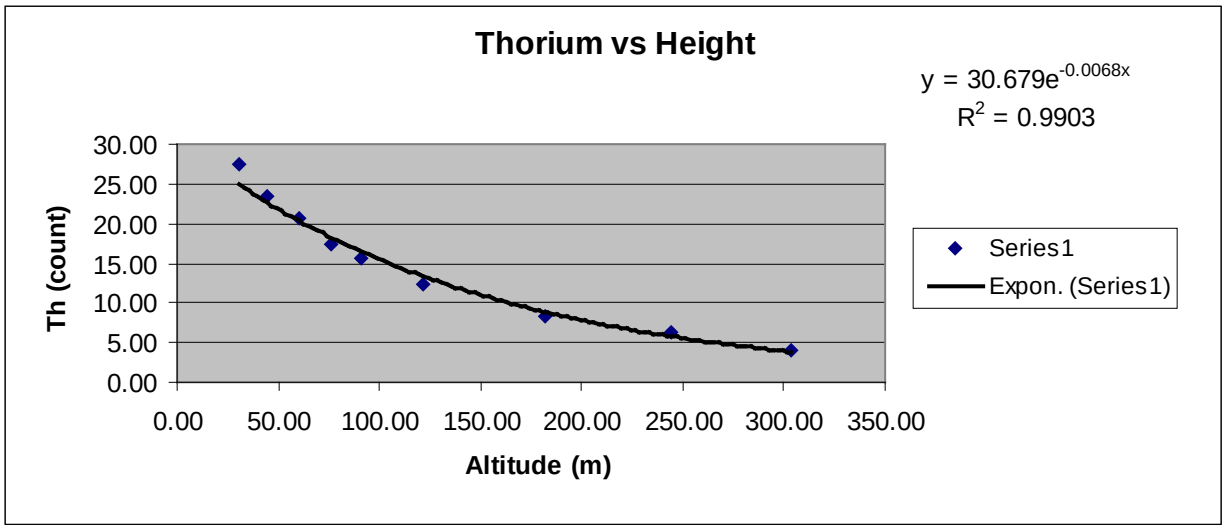

TC vs Cosmic
y = 1.023x + 90.165
R2 = 0.993
TC counts
Cosmic counts
0
50
100
150
200
250
300
350
400
450
0
100
200
300
400
Series1
Linear (Series1)

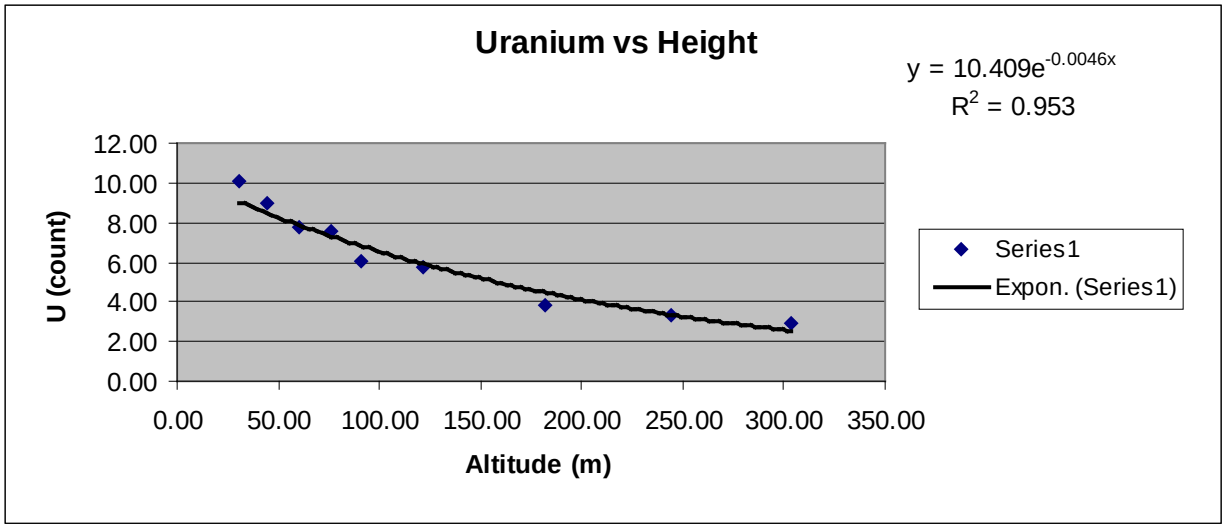

UU vs Cosmic
y = 0.0132x + 0.5736
R2 = 0.9126
UU counts
Cosmic counts
0
1
2
3
4
5
6
0
50
100
150
200
250
300
350
Series1
Linear (Series1)

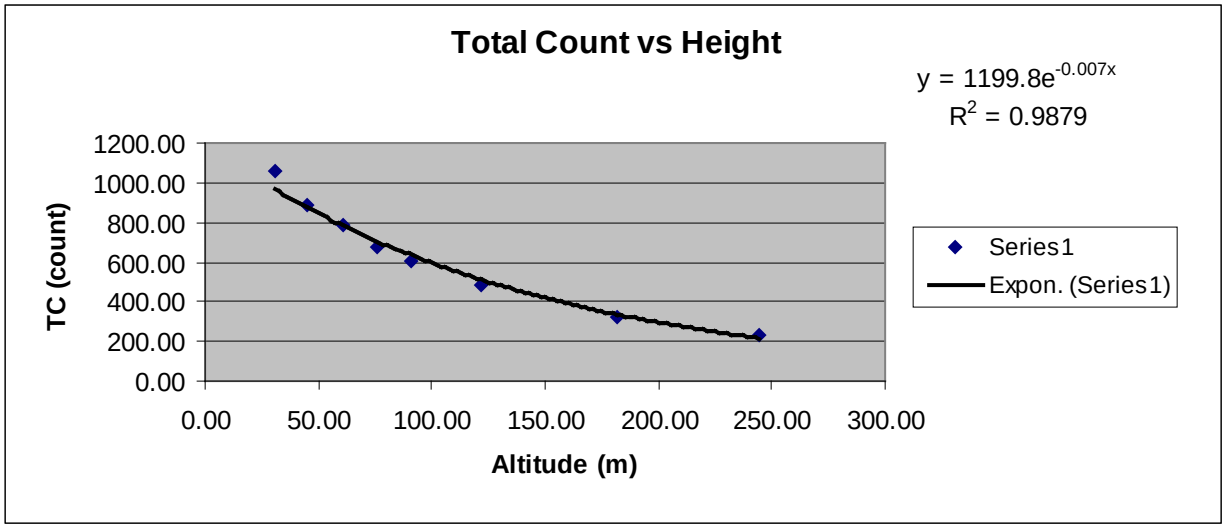
Height Attenuation Test Charts

August 20, 2010



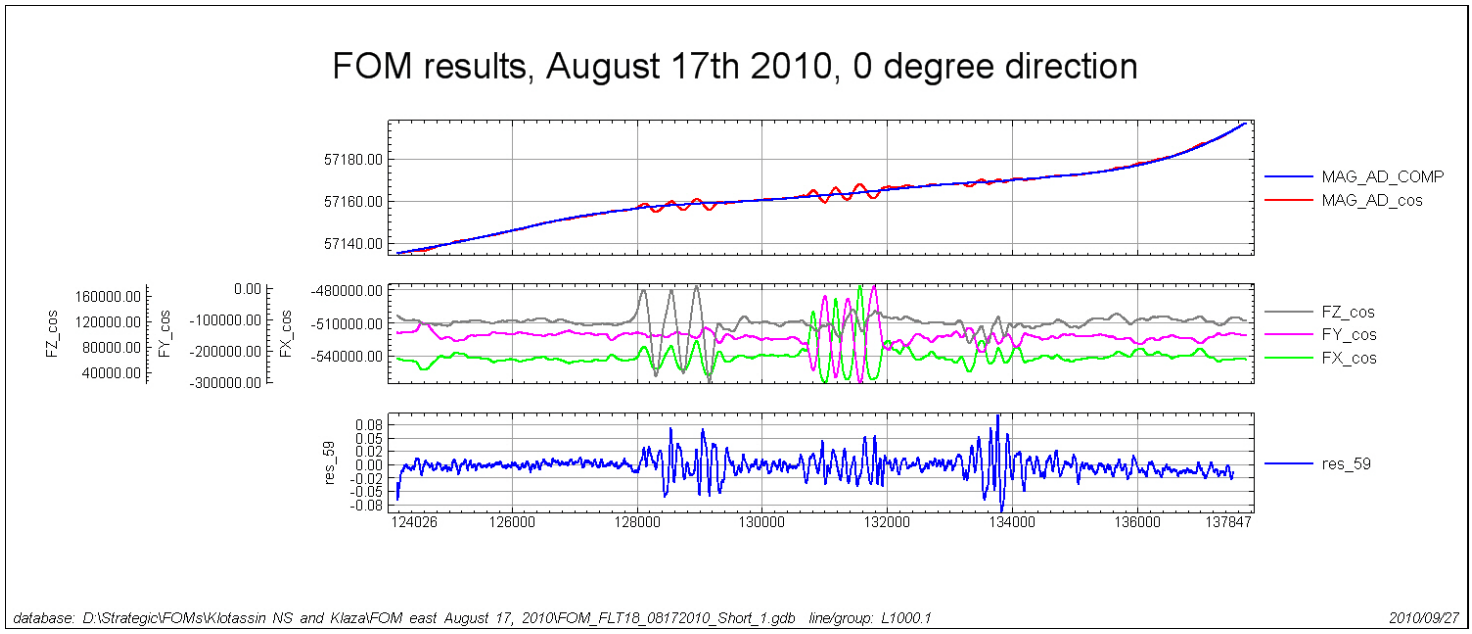



Uranium vs Height
y = 10.409e-0.0046x
R2 = 0.953
U (count)
12.00
10.00
8.00
6.00
4.00
2.00
0.00
0.00
50.00
100.00
150.00
200.00
250.00
300.00
350.00
Altitude (m)
Series1
Expon. (Series1)

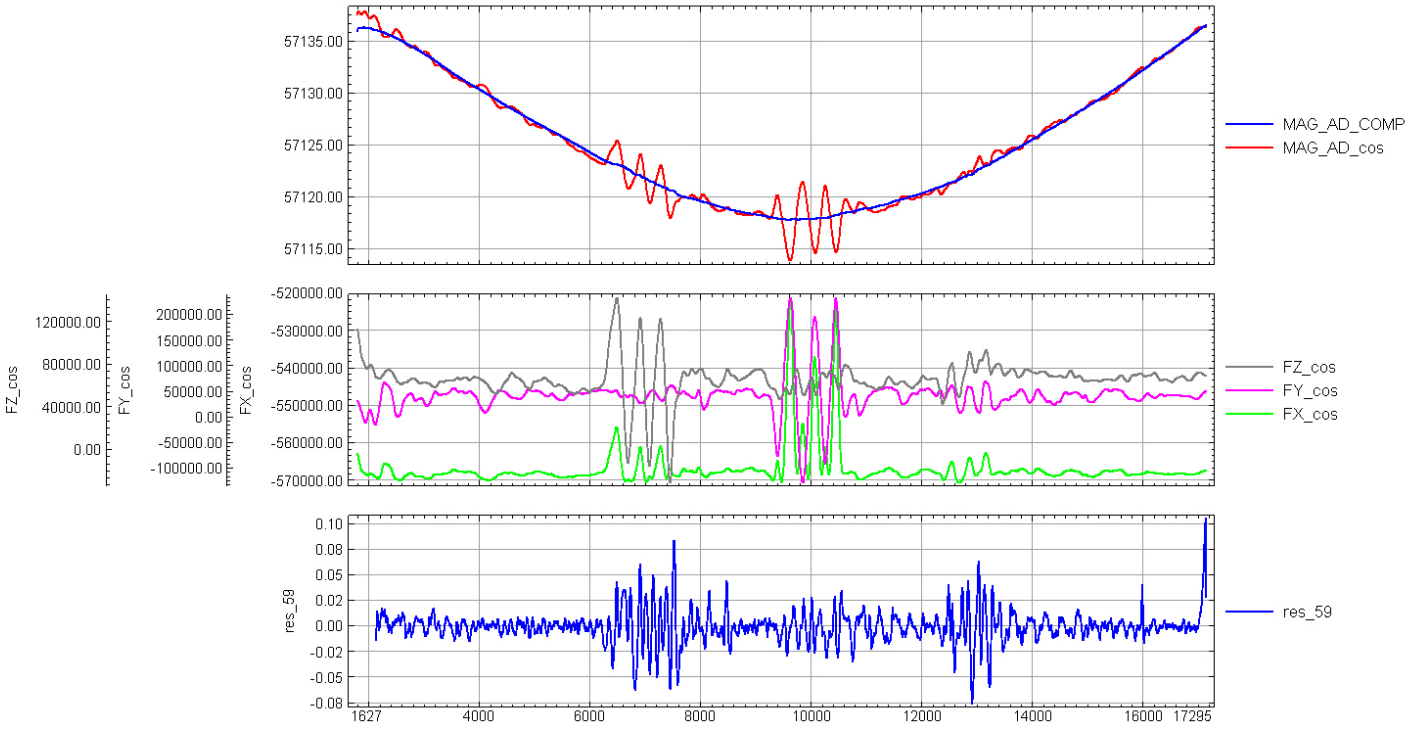

Total Count vs Height
y = 1199.8e-0.007x
R2 = 0.9879
TC (count)
1200.00
1000.00
800.00
600.00
400.00
200.00
0.00
0.00
50.00
100.00
150.00
200.00
250.00
300.00
Altitude (m)
Series1
Expon. (Series1)

APPENDIX B: FOM RESULTS

Strategic Metals, Yukon, FOM result, August 17th, 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**

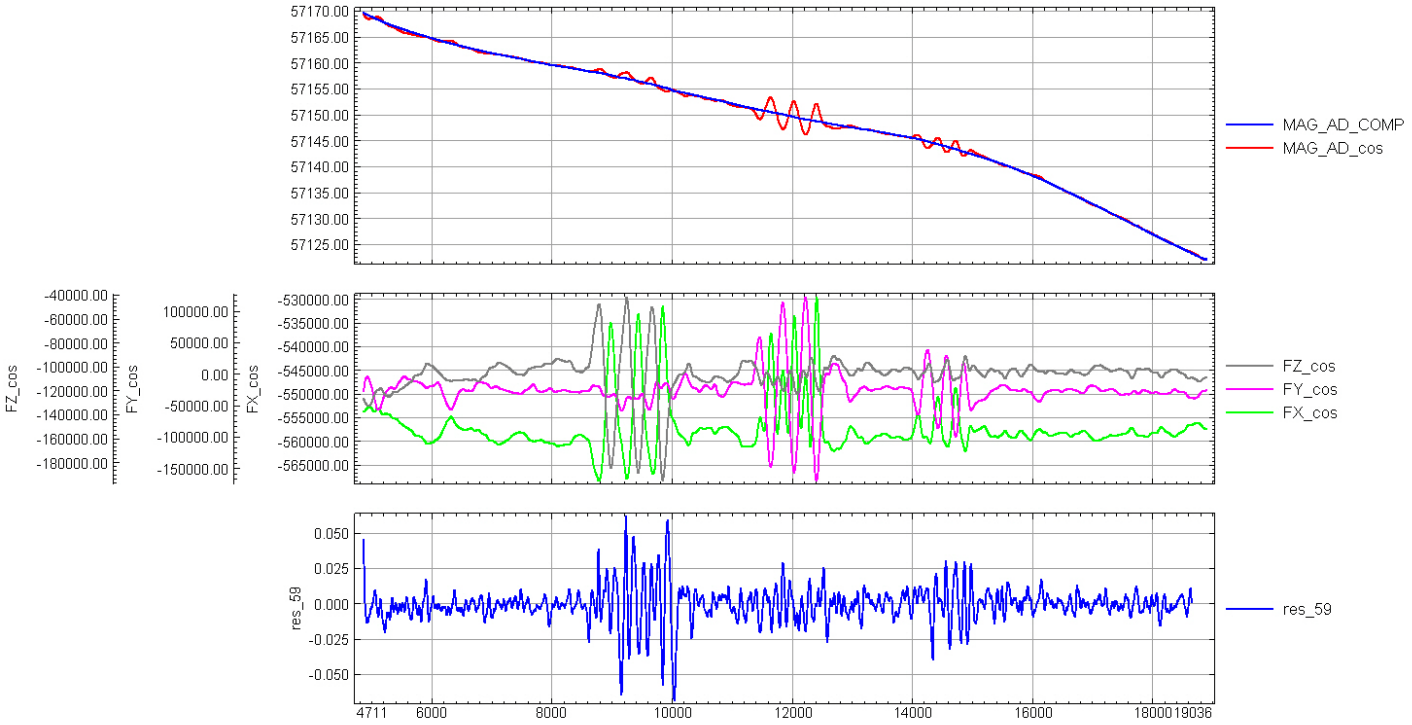


FOM results, August 17th 2010, 90 degree direction



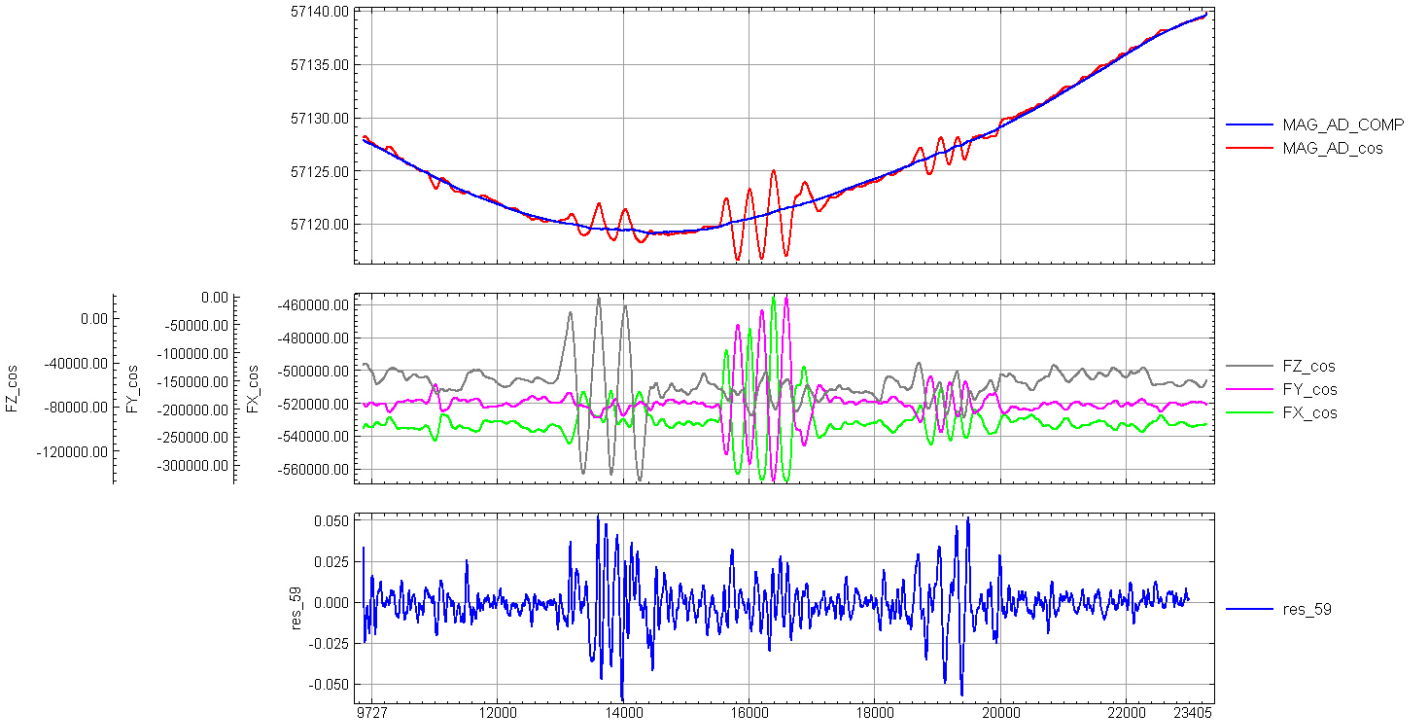
database: D:\Strategic\FOMs\Klotassin NS and Klaza\FOM east August 17, 2010\FOM_FLT18_08172010_Short_1.gdb line/group: L2000.1 *2010/09/27*

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 BBB, CCC and DDD 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 8N
UTM_Y_NAD83	meters	UTM North in NAD83, North America, 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 BBB, CCC and DDD 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 8N
UTM_Y_NAD83	meters	UTM North in NAD83, North America, 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	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 2010/08/20 12:21:28

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	2005	2008	2005	2003	2008	8021
Gain	0.971344	0.948381	0.981524	0.959283	1.045188	-
Peak	871.28 (+/- 0.401)	878.74 (+/- 0.677)	871.83 (+/- 0.599)	872.48 (+/- 0.654)	873.05 (+/- 0.935)	872.96 (+/- 0.310)
FWHM	3.95 (+/- 1.007)	4.06 (+/- 1.760)	4.90 (+/- 1.595)	4.73 (+/- 1.741)	6.32 (+/- 2.741)	4.55 (+/- 0.808)

Executed 2010/08/21 08:27:51

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	2017	2007	2008	2012	2001	8044
Gain	0.979845	0.953761	0.985191	0.961098	1.050286	-
Peak	871.35 (+/- 0.688)	878.21 (+/- 0.809)	872.74 (+/- 0.617)	872.16 (+/- 0.657)	871.59 (+/- 1.103)	873.09 (+/- 0.357)
FWHM	4.03 (+/- 1.813)	4.77 (+/- 2.345)	4.93 (+/- 1.694)	4.82 (+/- 1.830)	6.84 (+/- 3.407)	4.68 (+/- 0.945)

Executed 2010/08/21 12:41:40

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	2008	2001	2009	2007	2003	8025
Gain	1.007866	0.995107	1.022537	0.993067	1.091524	-
Peak	871.39 (+/- 0.512)	877.10 (+/- 1.007)	873.15 (+/- 0.556)	872.24 (+/- 0.714)	869.82 (+/- 1.035)	873.24 (+/- 0.377)
FWHM	4.11 (+/- 1.268)	5.10 (+/- 3.017)	4.68 (+/- 1.562)	5.41 (+/- 1.899)	6.69 (+/- 3.194)	4.77 (+/- 0.994)

Executed 2010/08/21 16:35:02

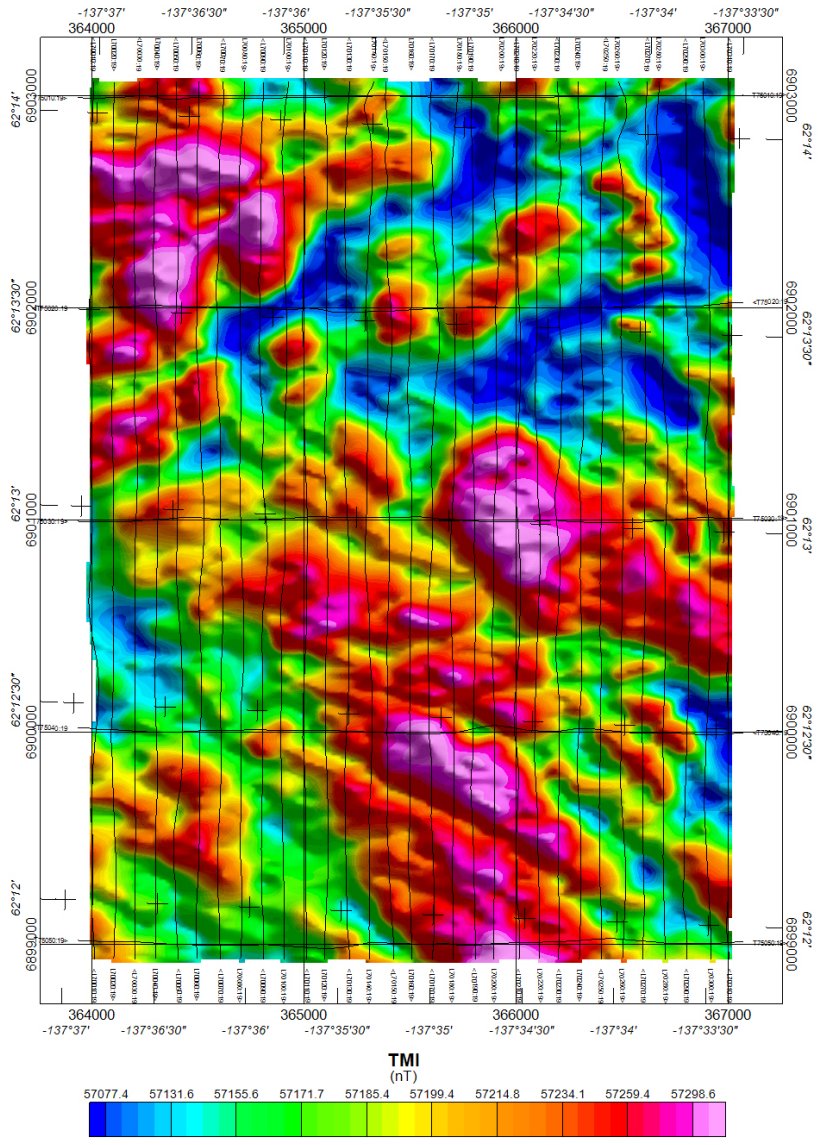
Detector	Det 1 - SN:00318	Det 2 - SN:00037	Det 3 - SN:00040	Det 4 - SN:00032	Det 5 - SN:00038	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2017	2003	2010	2004	2001	8034
Gain	1.00248	0.996287	1.021197	0.992742	1.08771	-
Peak	871.84 (+/- 0.634)	877.34 (+/- 0.766)	873.05 (+/- 0.630)	870.40 (+/- 0.591)	867.76 (+/- 1.035)	872.39 (+/- 0.321)
FWHM	4.83 (+/- 1.672)	4.46 (+/- 2.166)	4.80 (+/- 1.697)	4.81 (+/- 1.596)	6.58 (+/- 3.152)	4.78 (+/- 0.831)

Executed 2010/08/21 21:11:28

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	2004	2001	2003	2008	2004	8016
Gain	0.992341	0.984908	1.013699	0.981971	1.080414	-
Peak	872.06 (+/- 0.397)	878.97 (+/- 0.868)	872.26 (+/- 0.732)	872.46 (+/- 0.703)	869.45 (+/- 1.029)	873.39 (+/- 0.343)
FWHM	4.11 (+/- 0.993)	4.90 (+/- 2.460)	4.48 (+/- 1.973)	5.04 (+/- 1.853)	7.00 (+/- 3.020)	4.64 (+/- 0.894)

APPENDIX E: IMAGES OF FINAL MAPS

BBB Block Image of TMI FINAL Map





Scale 1:20000

250 0 250 500 750 1000

(meters)

NAD83 / UTM zone 8N

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) - 0

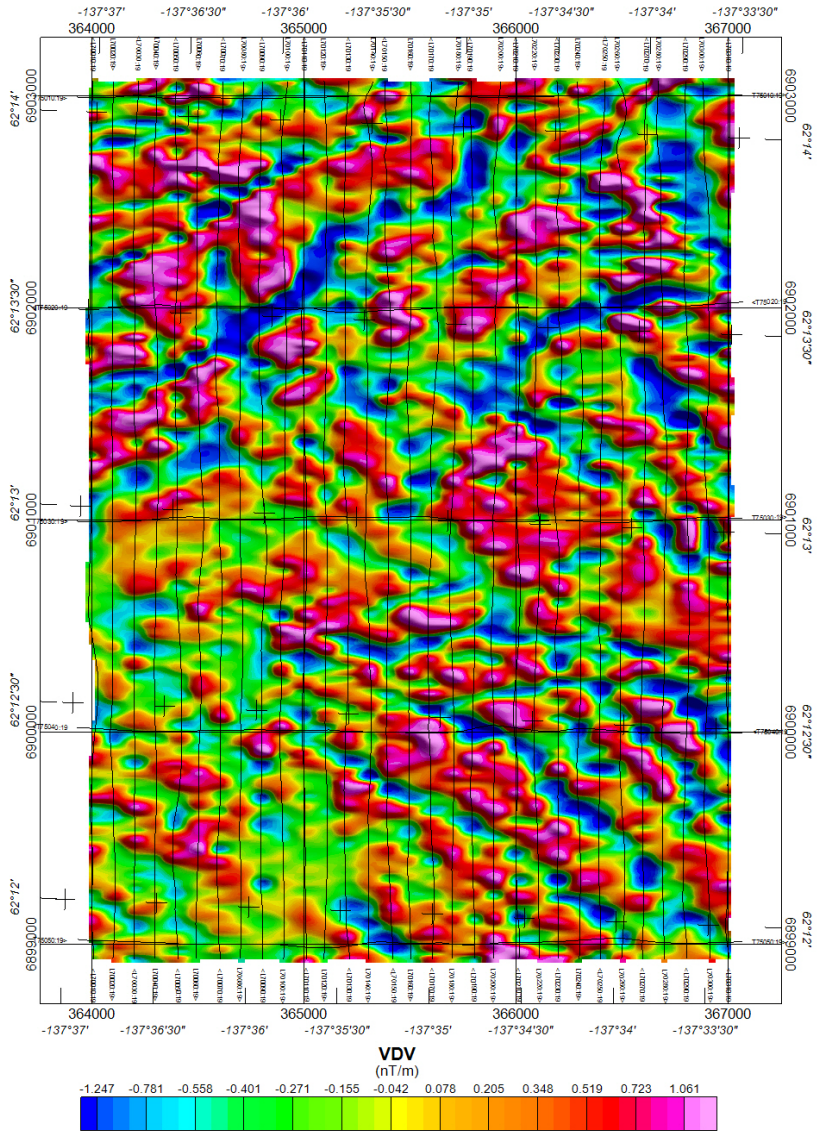
Line Spacing/Direction
Traverse Lines - 100 m, N-S
Control Lines - 1000 m, E-W

Average Sample Interval - 3.1 m/sample (10Hz)

Average Sensor Height From Ground - 35.8 m

STRATEGIC METALS LTD.
Helicopter Borne Magnetic and Spectrometric Survey Klotassin Properties: BBB Block Total Magnetic Intensity (TMI) Map
Dates Flown: August 18, 2010 - August 21, 2010
New-Sense Geophysics Ltd.

BBB Block Image of VDV Map





Scale 1:20000

250 0 250 500 750 1000

(meters)

NAD83 / UTM zone 8N

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) - 0

Line Spacing/Direction
Traverse Lines - 100 m, N-S
Control Lines - 1000 m, E-W

Average Sample Interval - 3.1 m/sample (10Hz)

Average Sensor Height From Ground - 35.8 m

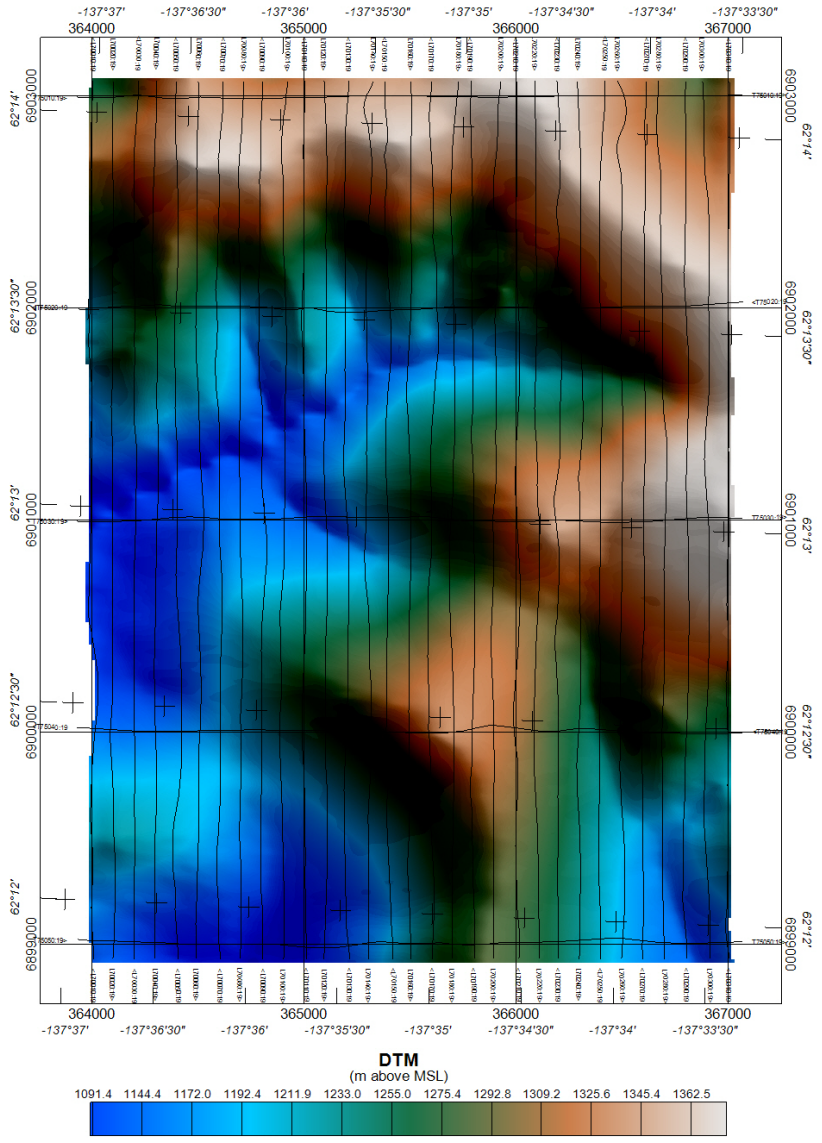
STRATEGIC METALS LTD.

Helicopter Borne Magnetic and Spectrometric Survey
Klotassin Properties: BBB Block
1st Order Vertical Derivative (VDV) Map

Dates Flown: August 18, 2010 - August 21, 2010

New-Sense Geophysics Ltd.

BBB Block Image of DTM Map





Scale 1:20000

250 0 250 500 750 1000

(meters)

NAD83 / UTM zone 8N

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) - 0

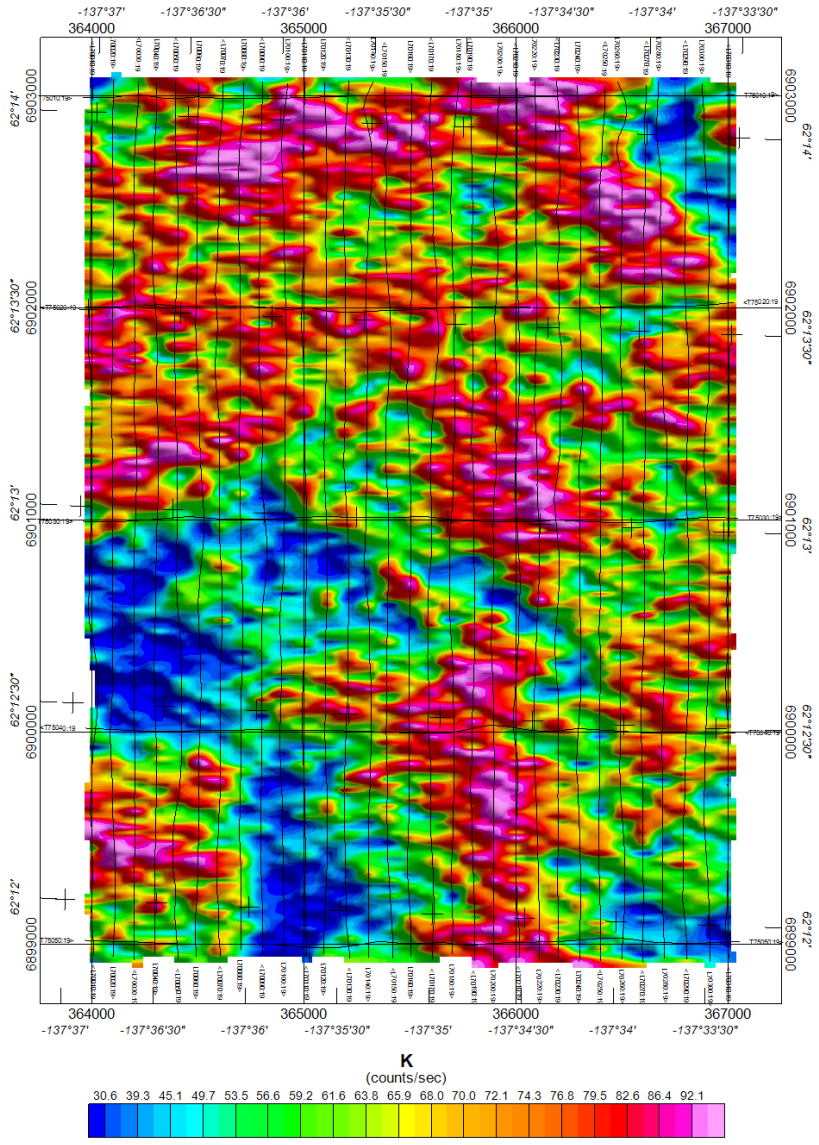
Line Spacing/Direction
Traverse Lines - 100 m, N-S
Control Lines - 1000 m, E-W

Average Sample Interval - 3.1 m/sample (10Hz)

Average Sensor Height From Ground - 35.8 m

STRATEGIC METALS LTD.
Helicopter Borne Magnetic and Spectrometric Survey Klotassin Properties: BBB Block Digital Terrain Model (DTM) Map
Dates Flown: August 18, 2010 - August 21, 2010
New-Sense Geophysics Ltd.

BBB Block Image of Potassium Map





Scale 1:20000

250 0 250 500 750 1000

(meters)

NAD83 / UTM zone 8N

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 - 30.8 m/sample (1Hz)

Average Sensor Height From Ground - 35.8 m

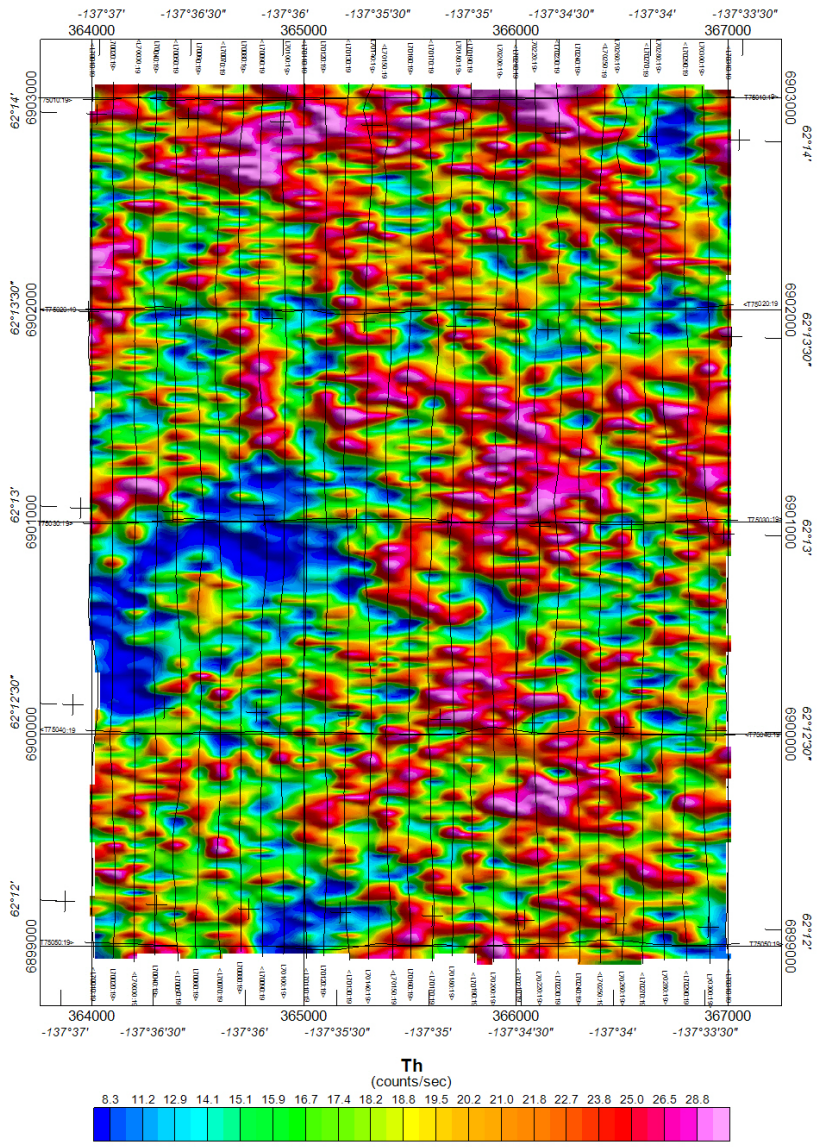
STRATEGIC METALS LTD.

Helicopter Borne Magnetic and Spectrometric Survey
Klotassin Properties: BBB Block
Potassium (K) Map

Dates Flown: August 18, 2010 - August 21, 2010

New-Sense Geophysics Ltd.

BBB 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) - 0

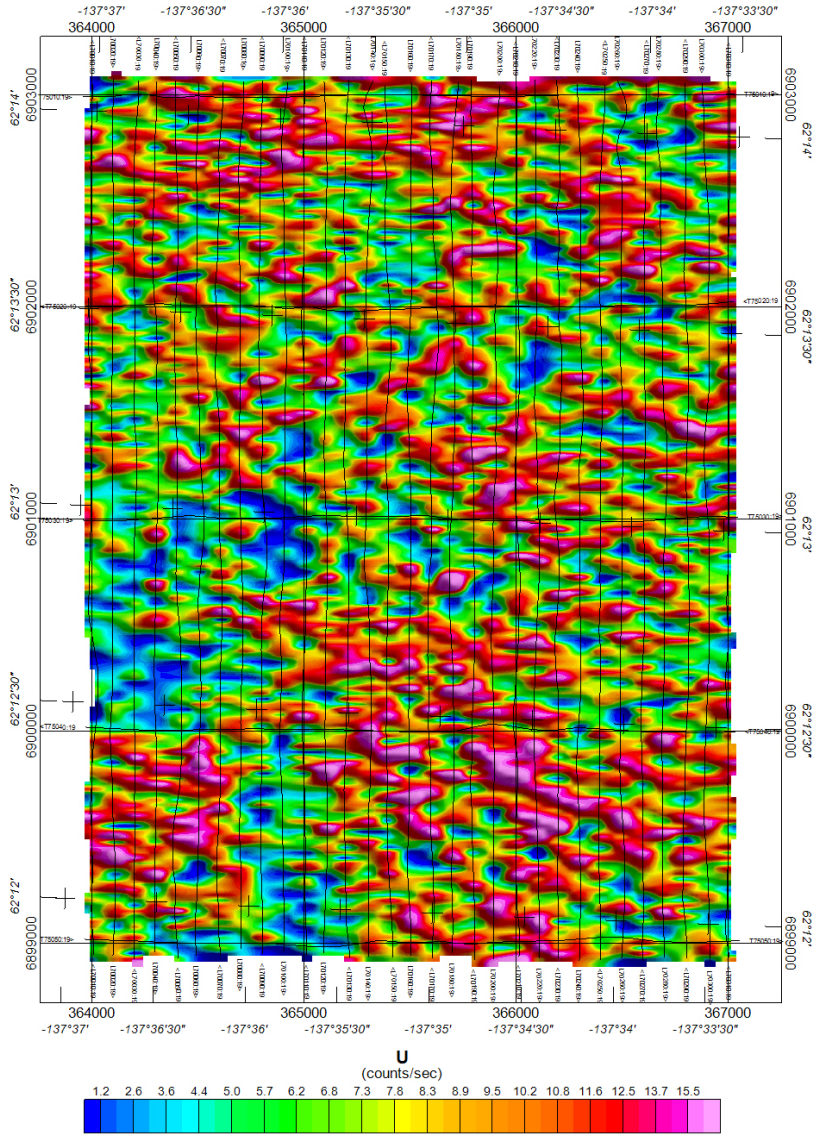
Line Spacing/Direction
Traverse Lines - 100 m, N-S
Control Lines - 1000 m, E-W

Average Sample Interval - 30.8 m/sample (1Hz)

Average Sensor Height From Ground - 35.8 m

STRATEGIC METALS LTD.
Helicopter Borne Magnetic and Spectrometric Survey Klotassin Properties: BBB Block Thorium (Th) Map
Dates Flown: August 18, 2010 - August 21, 2010
New-Sense Geophysics Ltd.

BBB Block Image of Uranium Map



Scale 1:20000

250 0 250 500 750 1000

(meters)

NAD83 / UTM zone 8N

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 - 30.8 m/sample (1Hz)

Average Sensor Height From Ground - 35.8 m

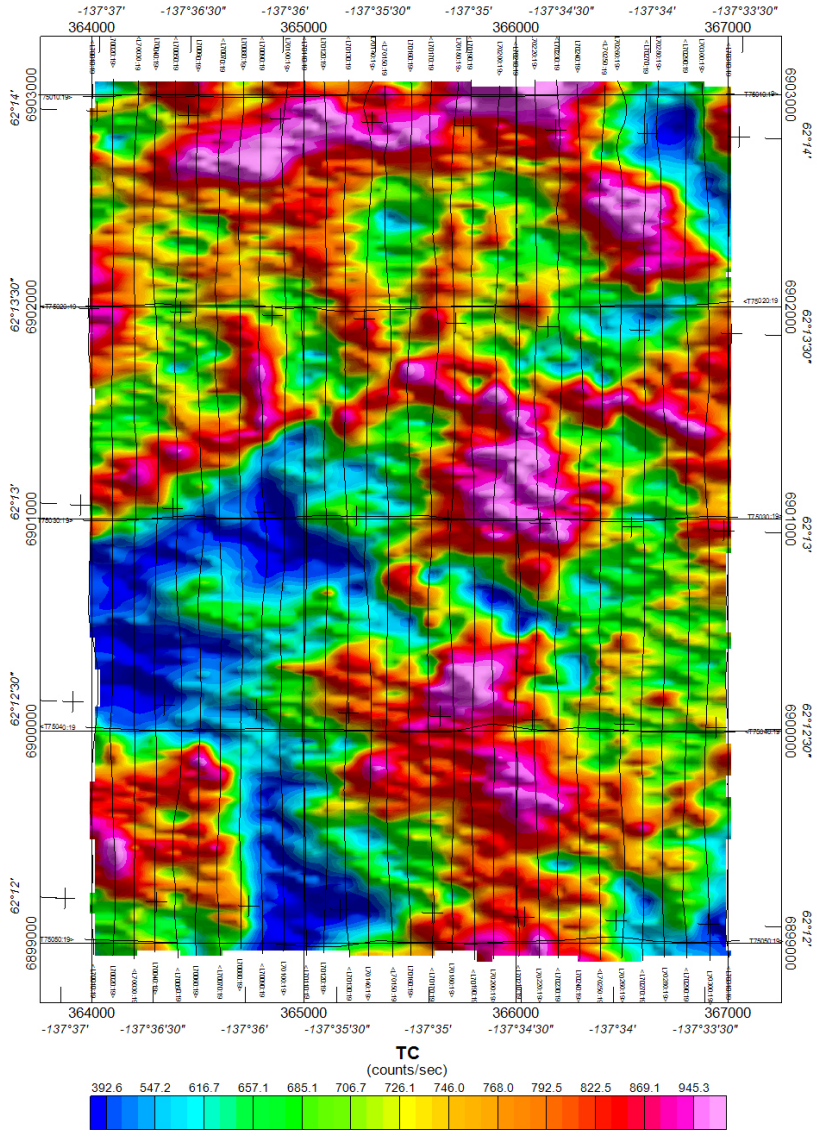
STRATEGIC METALS LTD.

Helicopter Borne Magnetic and Spectrometric Survey
Klotassin Properties: BBB Block
Uranium (U) Map

Dates Flown: August 18, 2010 - August 21, 2010

New-Sense Geophysics Ltd.

BBB Block Image of Total Count Map



Scale 1:20000

250 0 250 500 750 1000

(meters)

NAD83 / UTM zone 8N

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 - 30.8 m/sample (1Hz)

Average Sensor Height From Ground - 35.8 m

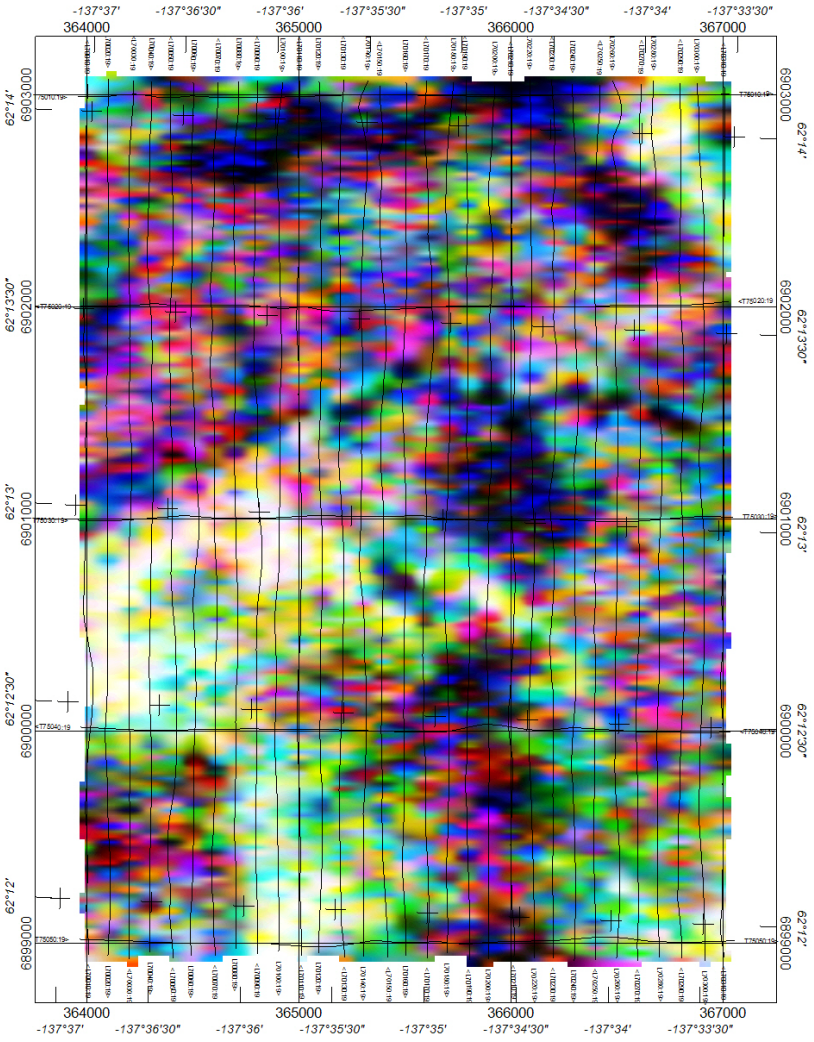
STRATEGIC METALS LTD.

Helicopter Borne Magnetic and Spectrometric Survey
Klotassin Properties: BBB Block
Total Count (TC) Map

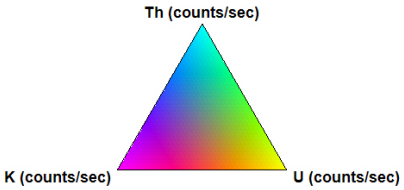
Dates Flown: August 18, 2010 - August 21, 2010

New-Sense Geophysics Ltd.

BBB Block Image of Ternary Map







Scale 1:20000

250 0 250 500 750 1000

(meters)

NAD83 / UTM zone 8N

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 - 30.8 m/sample (1Hz)

Average Sensor Height From Ground - 35.8 m

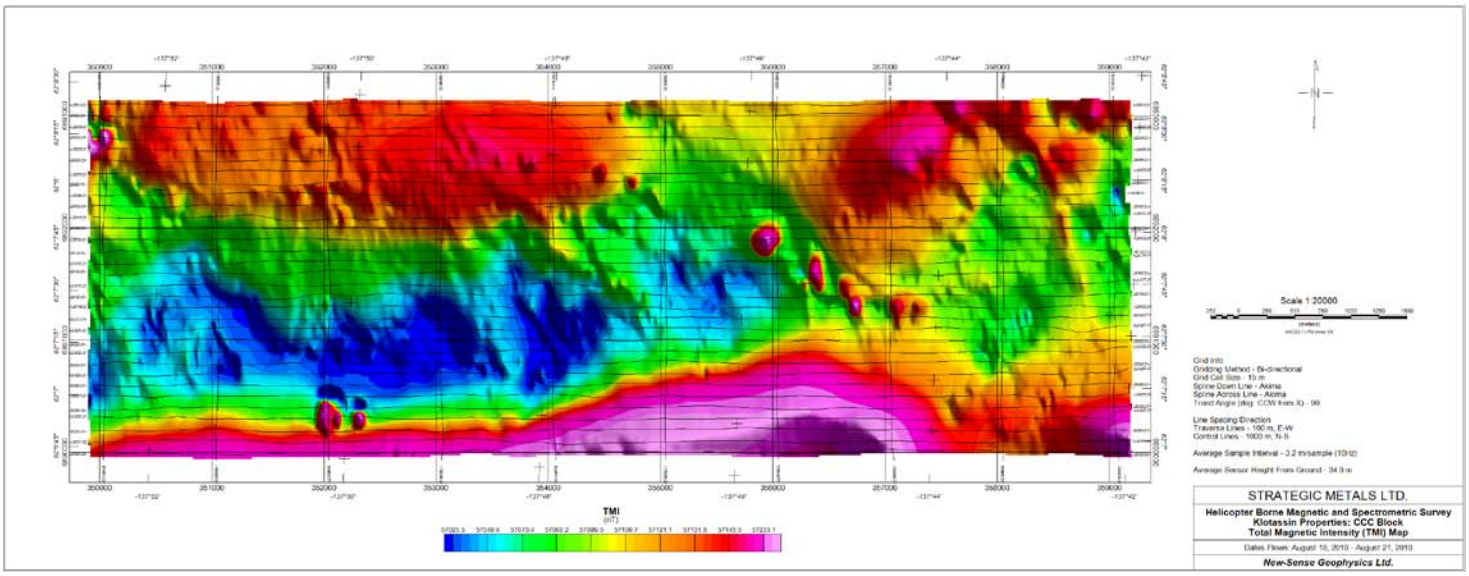
STRATEGIC METALS LTD.

Helicopter Borne Magnetic and Spectrometric Survey
Klotassin Properties: BBB Block
Ternary Image Map

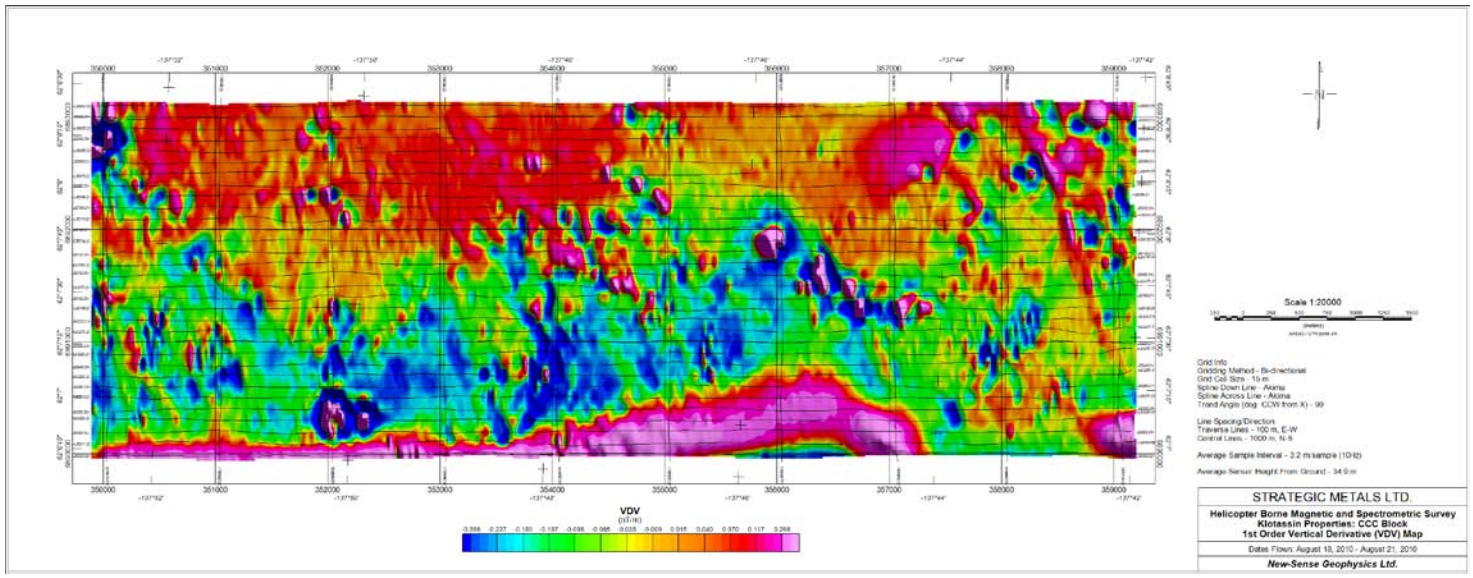
Dates Flown: August 18, 2010 - August 21, 2010

New-Sense Geophysics Ltd.

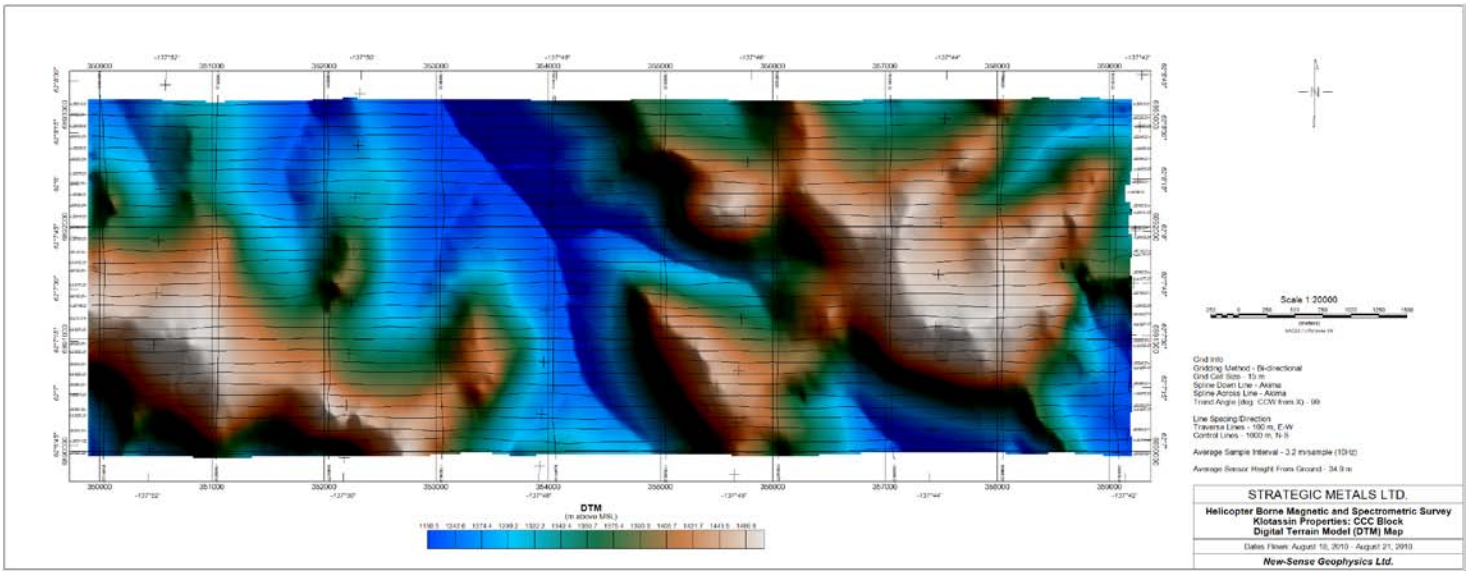
CCC Block Image of TMI FINAL Map



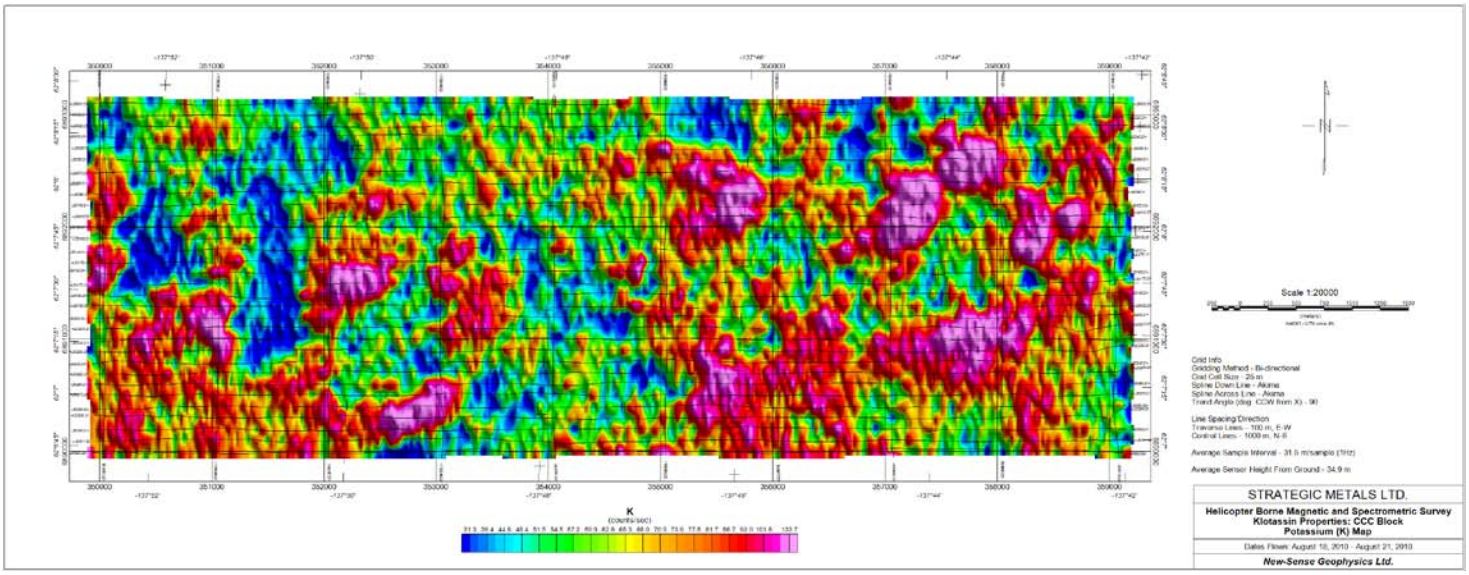
CCC Block Image of VDV Map



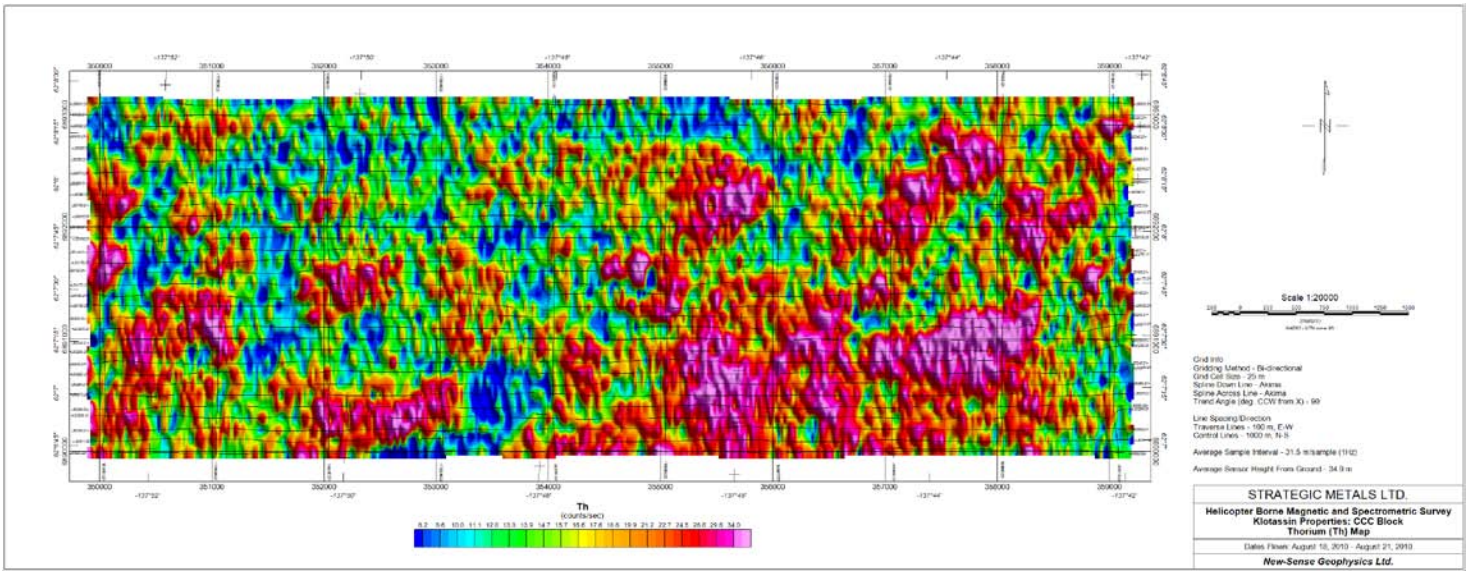
CCC Block Image of DTM Map



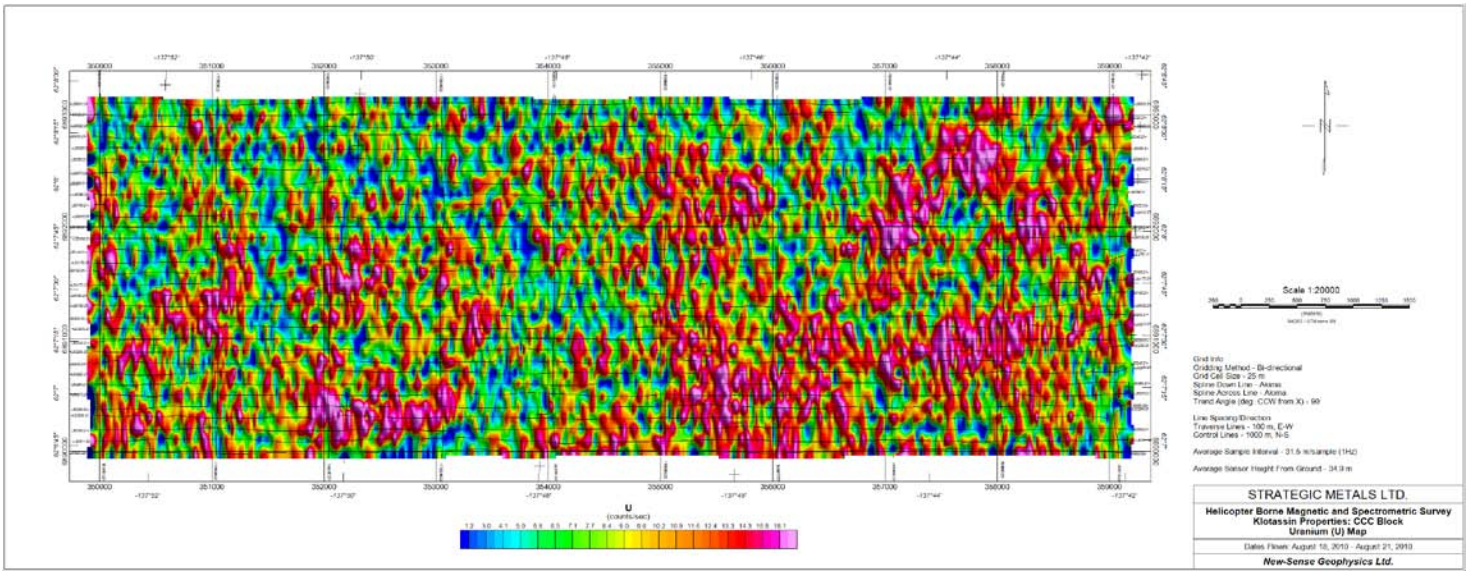
CCC Block Image of Potassium Map



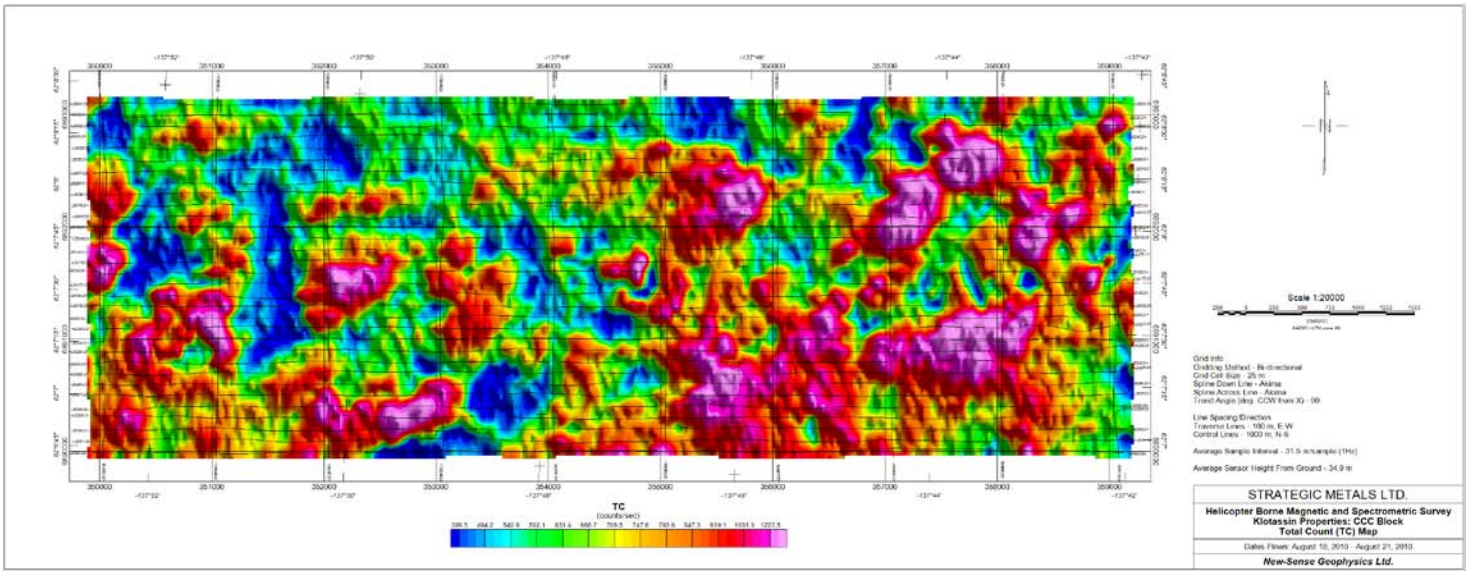
CCC Block Image of Thorium Map



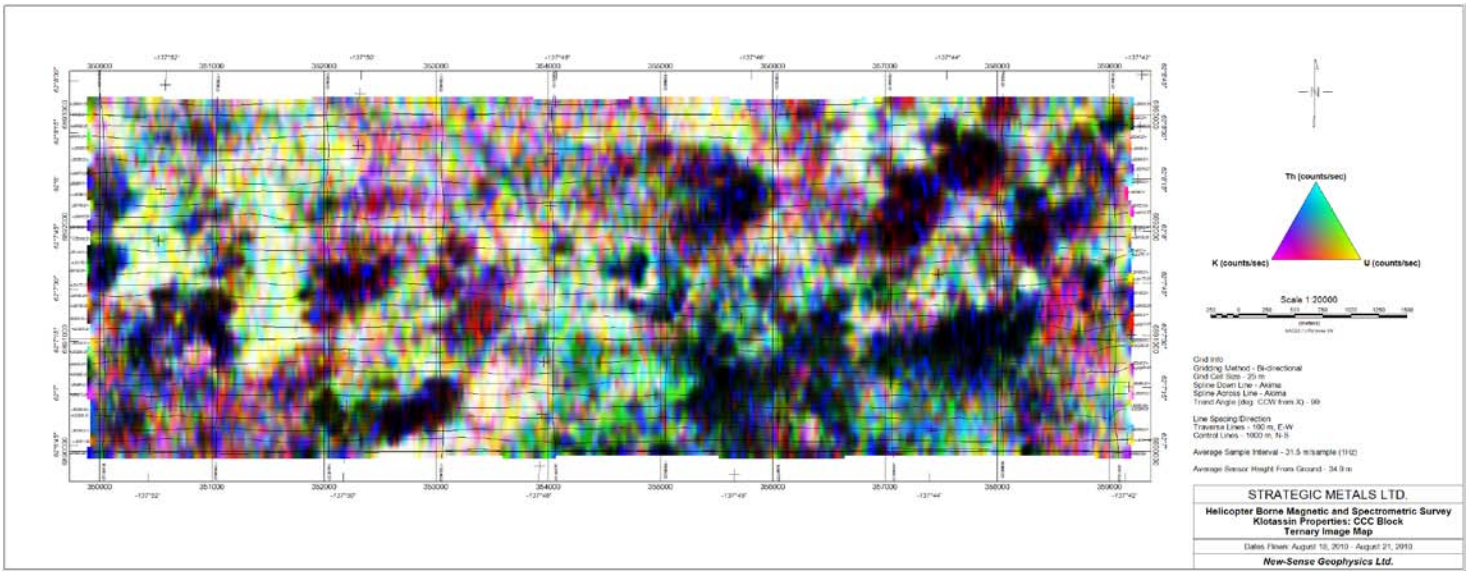
CCC Block Image of Uranium Map



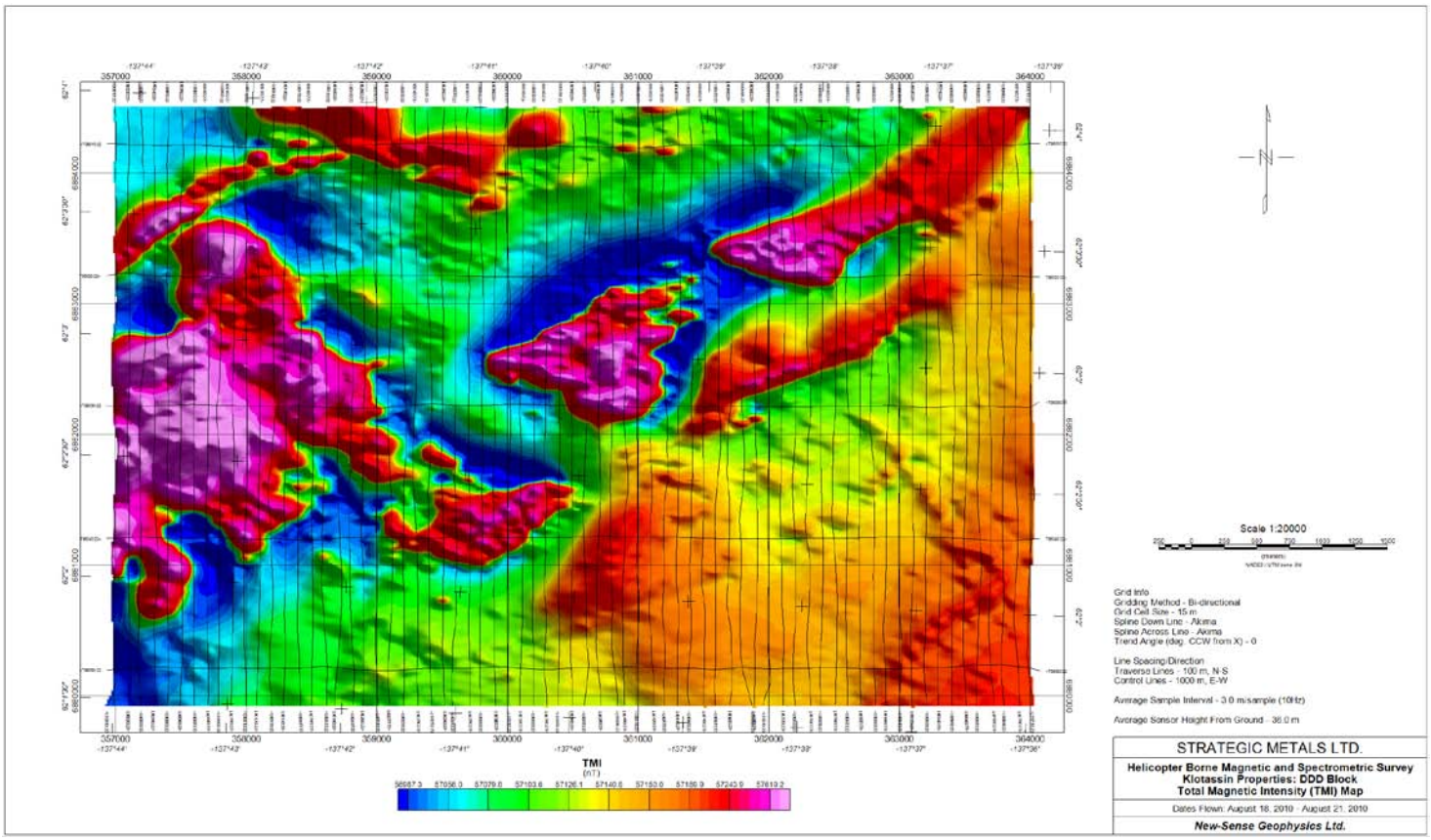
CCC Block Image of Total Count Map



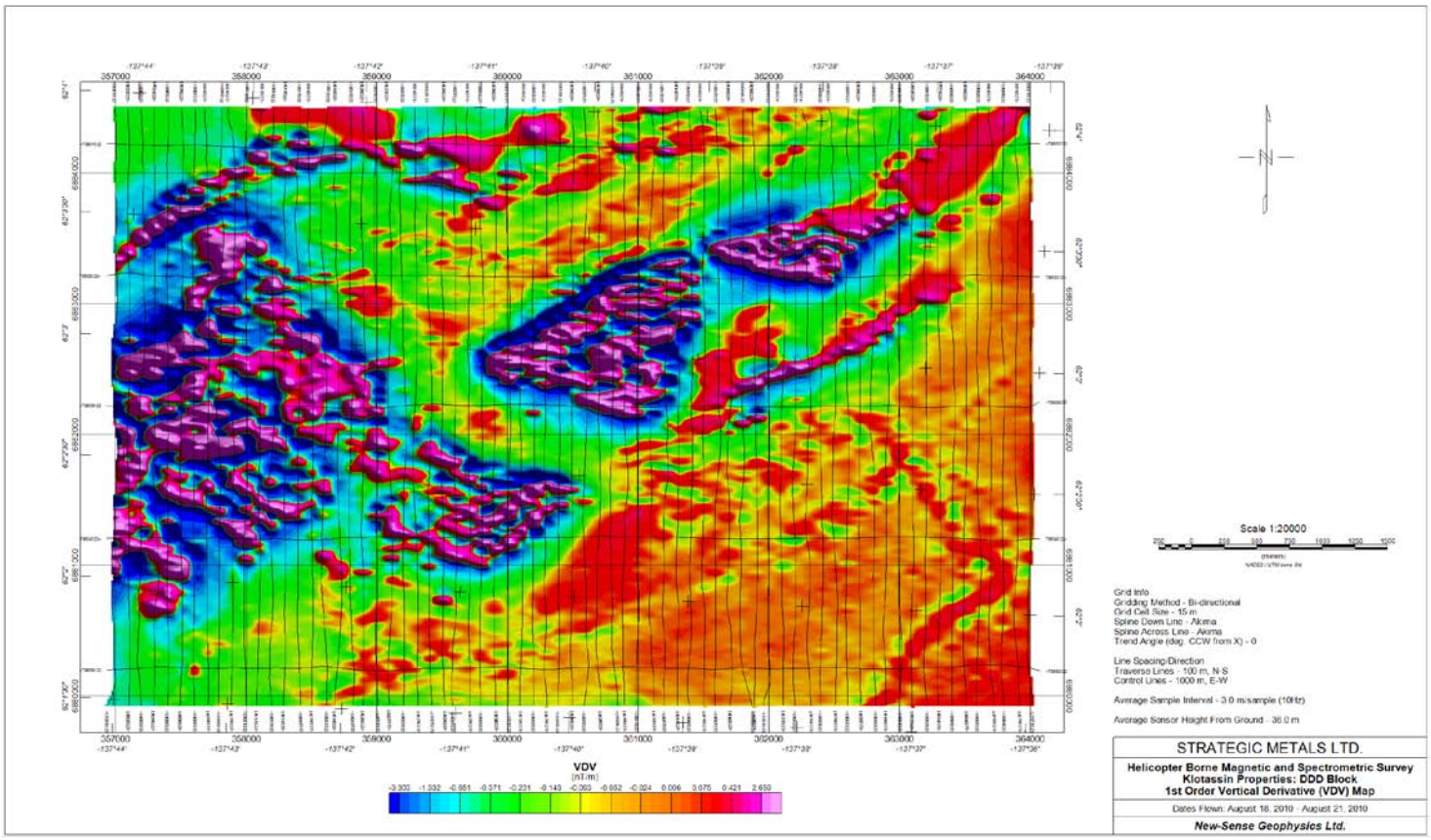
CCC Block Image of Ternary Map



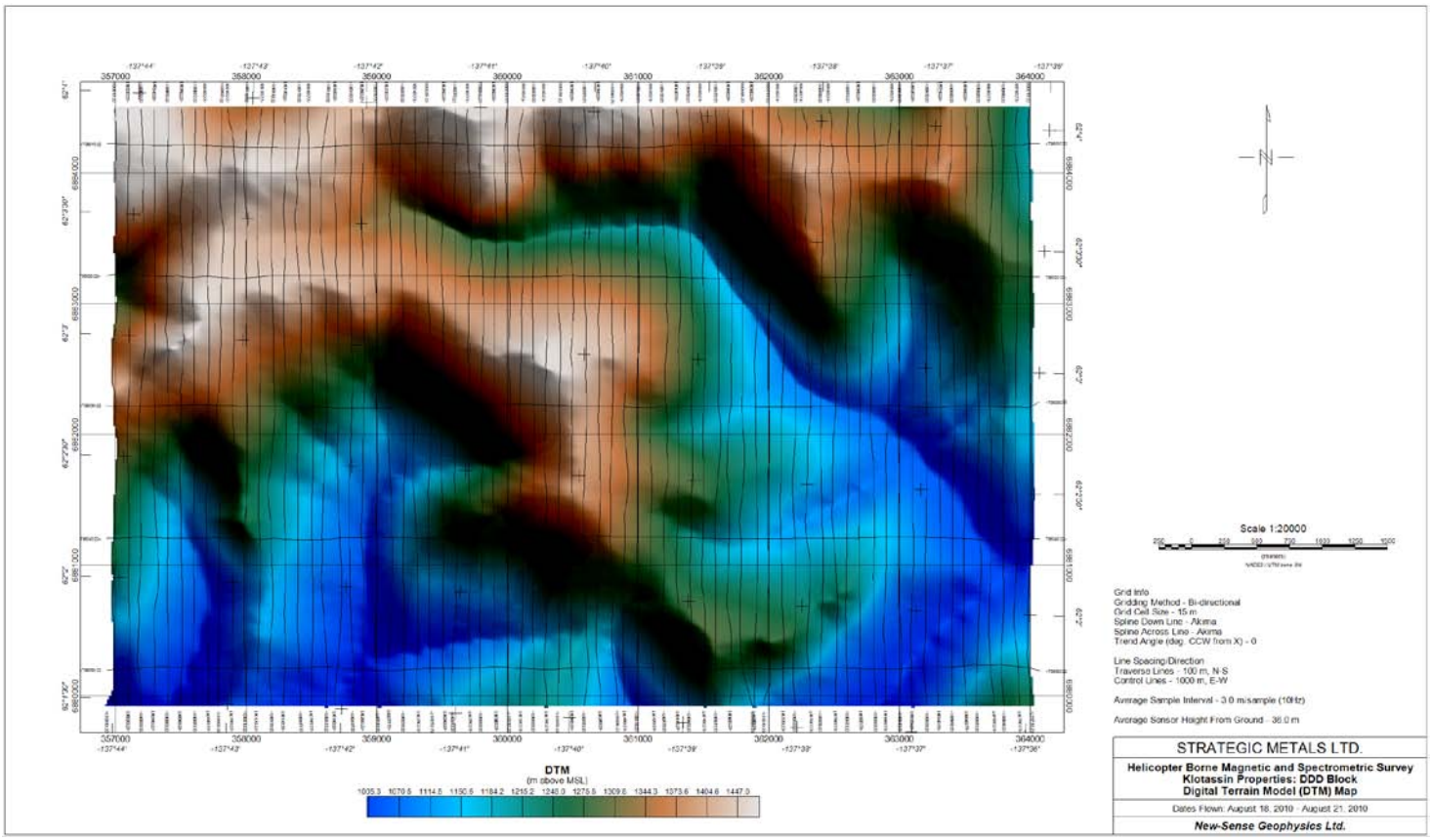
DDD Block Image of TMI FINAL Map



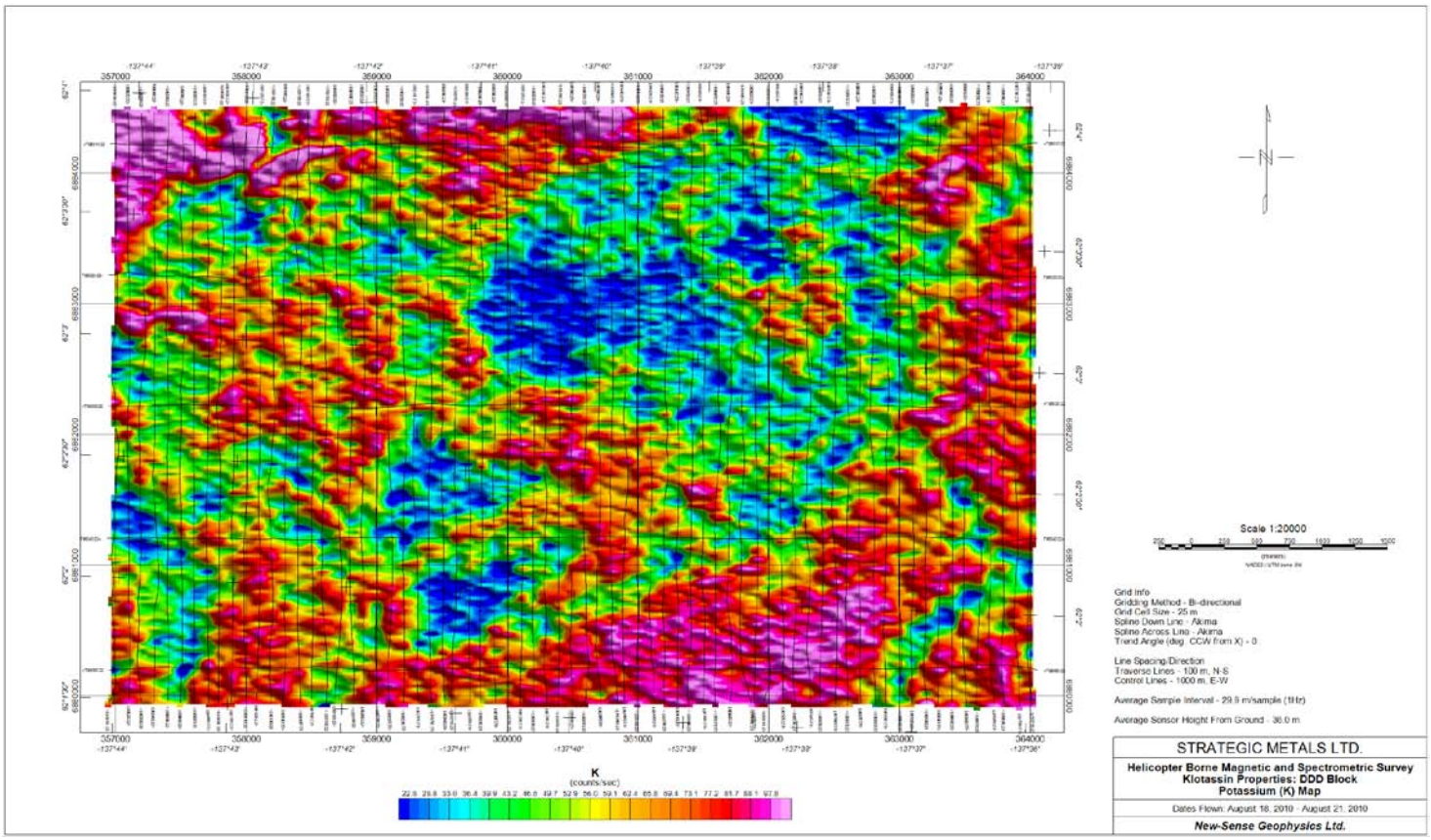
DDD Block Image of VDV Map



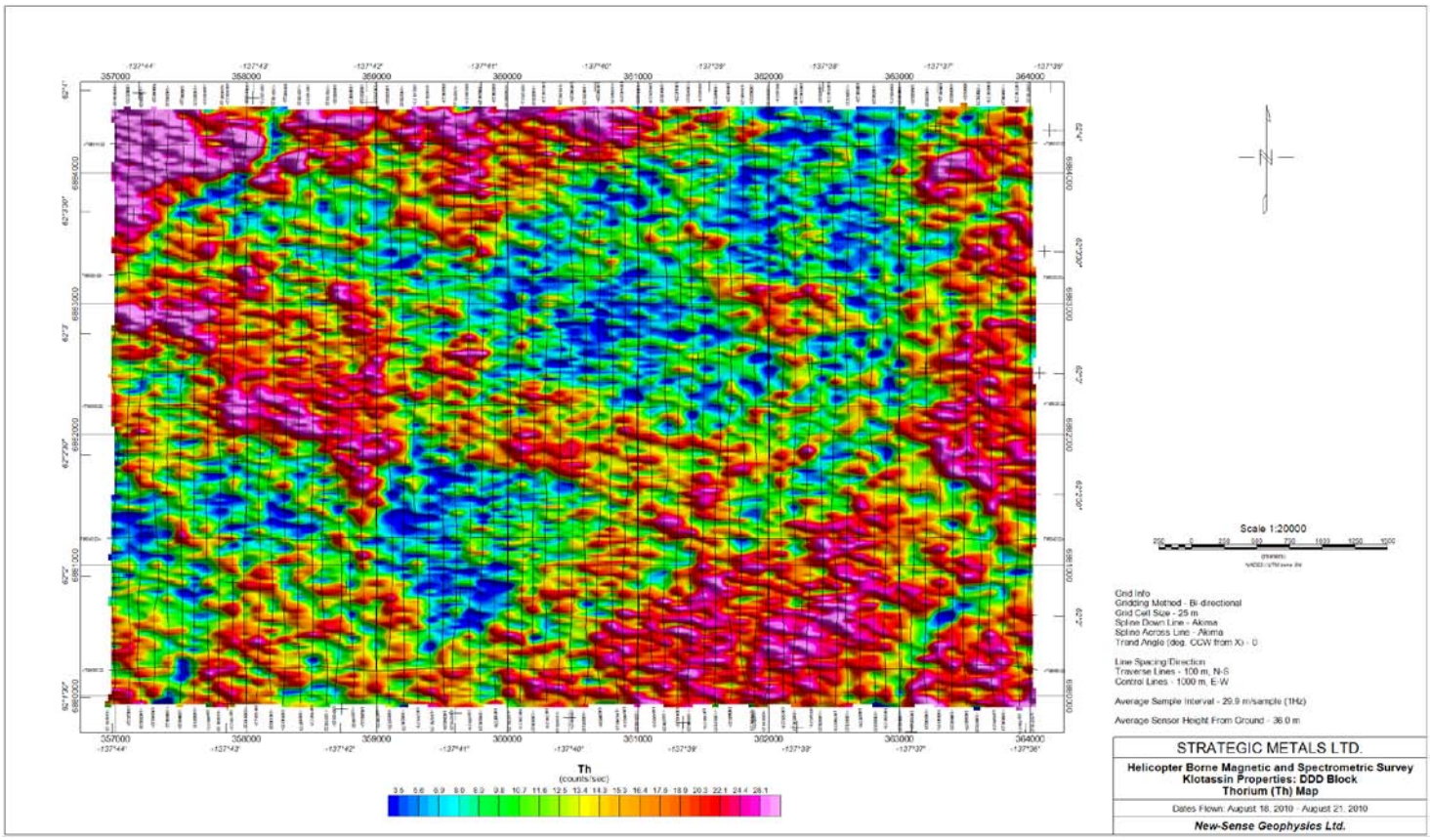
DDD Block Image of DTM Map



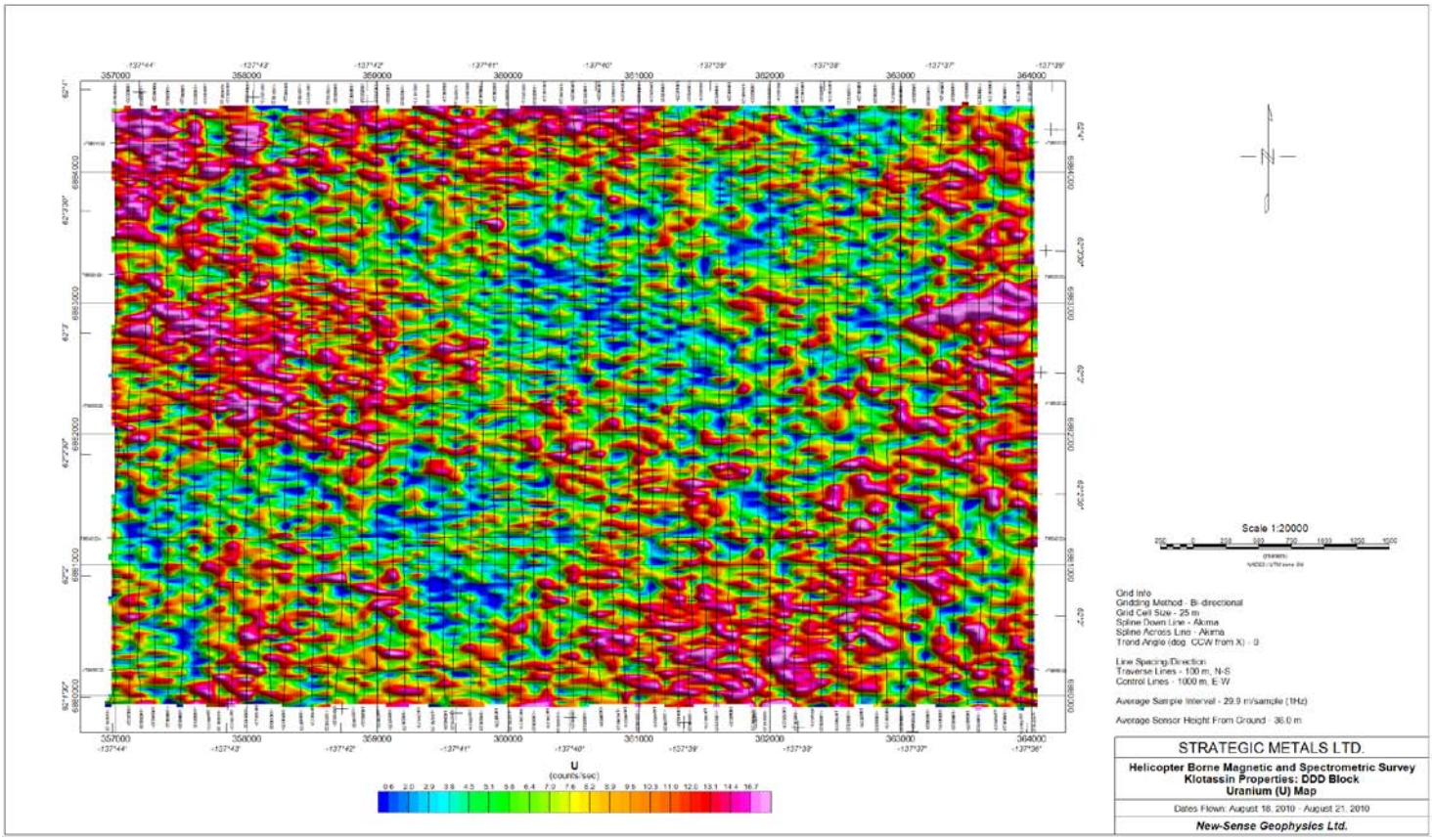
DDD Block Image of Potassium Map



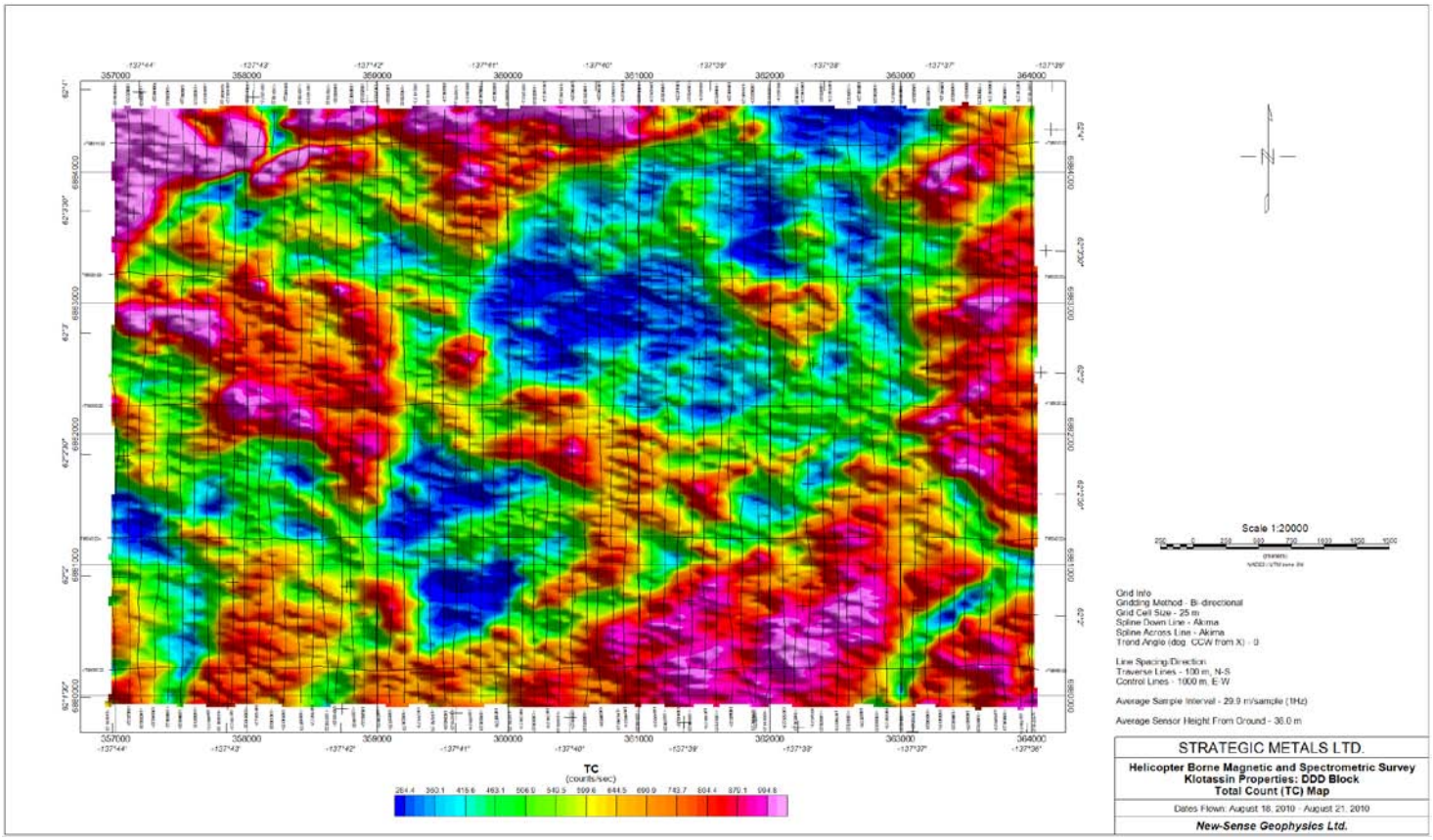
DDD Block Image of Thorium Map



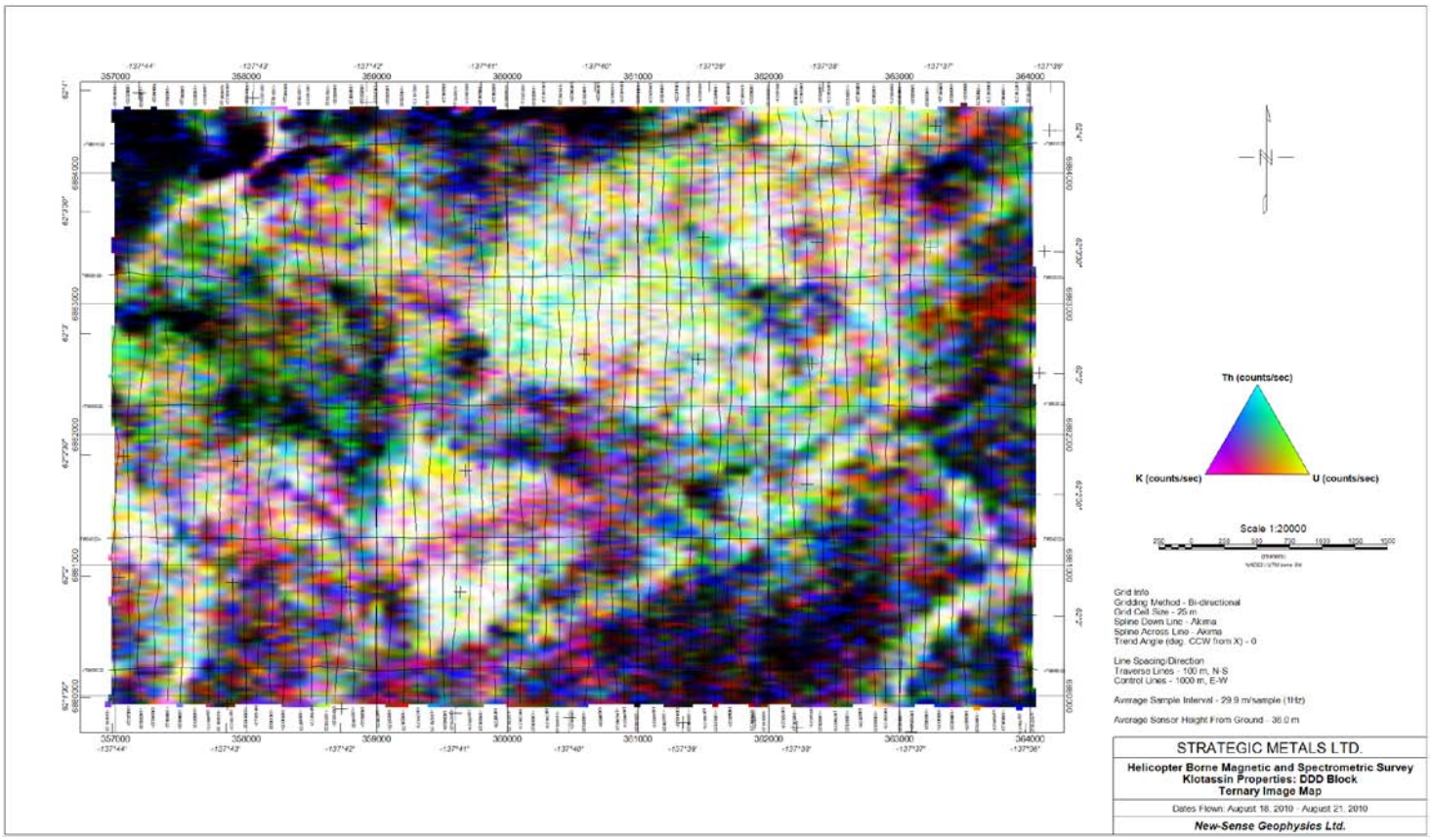
DDD Block Image of Uranium Map



DDD Block Image of Total Count Map



DDD 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 intersections.

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.

Qw28870

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 – 510 West Hastings Street
Vancouver, B.C. V6B 1L8
Telephone: 604-688-2568 Fax: 604-688-2578

RECEIVED
OCT 14 2011
Whitehorse Mining Recorders Office

AFFIDAVIT

I, Joan Mariacher, of Vancouver, B.C. make oath and say:

That to the best of my knowledge the attached Statement of Expenditures for exploration work on the CCC 1-564 mineral claims on claim sheet 115I/4 is accurate.

Joan Mariacher

Sworn before me at Vancouver, B.C.

this 13th day of October 2011.

Barrister & Solicitor

IAN J. TALBOT
Barrister & Solicitor
281 East 5th Street
North Vancouver
British Columbia
Canada V7L 1L8

Statement of Expenditures
CCC 1-564 Mineral Claims
October 1, 2011

Labour

G. Belik (geologist) June 2011 – 2 days @ $800/day	$1,792.00
H. Smith (geologist) May to August 2011 – 5 days @ $720/day	4,032.00
J. Dawson (P. Eng.) 1 day @ $650/day	728.00
W. Gilmour (geochemical consulting) – 1 day @ $500/day	560.00
H. Sigurgeirson (geologist) June 2011 – 7 days @ $488/day	3,825.92
J. Lowey (field assistant) July 2011 – 14 days @ $408/day	6,397.44
V. Camp (field assistant) June to July 2011 – 10 days @ $376/day	4,211.20
C. Dekking (field assistant) June to July 2011 – 4 days @ $360/day	1,612.80
T. Loeks (field assistant) June to July 2011 – 15 days @ $360/day	6,048.00
R. Dean (field assistant) July 2011 – 5 days @ $344/day	1,926.40
M. Down (field assistant) June to July 2011 – 9 days @ $344/day	3,467.52
J. Lidbetter (field assistant) July 2011 – 5 days @ $344/day	1,926.40
K. Punnett (field assistant) June to August 2011 – 16 days @ $344/day	6,164.48
	42,692.16

Expenses (including management fee)

Field room and board – 90 mandays @ $190/manday	20,684.16
Capital Helicopters (1995) Inc.	30,104.89
Acme Labs	836.95
ALS Chemex	34,571.03
Satellite Imagery	3,628.80
Drafting, blueprints	1,572.48
	91,398.31

Total	$134,090.47

CAPITAL HELICOPTERS (1995) INC.
Suite 3 - 25 Pilgrim Place, Whitehorse, Y.T. Y1A 6E6
Phone: (867) 668-6200 Fax: (867) 668-6201
capitalheli@polarcom.com

Charter and Contract Service

INVOICE

NO. 11512

DATE 22/06/2011

PAGE 1 of 1

SOLD TO
Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

SHIP TO
Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT
June 13/11	3.3	hrs	s/o bbb ddd ddd and p/u	G		1,025.00	3,382.50
June 14/11	4.5	hrs	s/o ddd ddd bbb klaza- dadep/u jono p/u	G		1,025.00	4,612.50
June 15/11	9.1	hrs	s/o ddd s/o ddd bbb ddd ll mob in heather to dade	G		1,025.00	9,327.50
June 16/11	5.9	hrs	s/o ddd/bbb ddd dade-sked camp move p/u	G		1,025.00	6,047.50
June 17/11	4.2	hrs	s/o ddd ddd bbb bbb warren-sked p/u	G		1,025.00	4,305.00
June 18/11	4.3	hrs	s/o ddd ddd ccc bbb bbb p/u	G		1,025.00	4,407.50
June 19/11	4.0	hrs	s/o ddd ddd ccc bbb bbb p/u	G		1,025.00	4,100.00
	35.30		"DADE"				36182.50
			G - GST 5.00%				
			GST				1,809.15

Capital Helicopters (1995) Inc. GST: #899587984

Thank You! Your Business Is Appreciated! Fuel Price includes Federal and Yukon Tax

COMMENTS

TOTAL 37,991.65

1809.15 all NADY

=BBB = $ 8917.50, (A- 9363.38) $
=DDD - $ 17732.50 (A- 18619.13) $
=Dade = $ 717.50 (A- 753.38) $
=Sled = $ 3177.50 (A- 3336.38) $
=LLL = $ 4612.50 (A- 4843.13) $
=CCC = $ 1025.00 (A- 1076.25) $

27991.65

Fold at > to fit 30A Double Window Envelope

CAPITAL HELICOPTERS (1995) INC.
Suite 3 - 25 Pilgrim Place, Whitehorse, Y.T. Y1A 6E6
Phone: (867) 668-6200 Fax: (867) 668-6201
capitalheli@polarcom.com



Charter and Contract Service

INVOICE

NO. 11523

DATE 29/06/2011

SOLD TO
Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

SHIP TO
Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT
June 22	5.6	hrs	s/o jono bbb helgi/gary ddd Klaxa to LLL to Kirman cr p/u heather heather-Sked-heather -Klaza groceries to SKED p/u jono p/u gary/helgi Klaza to LLL to Klaza (brad)	G		1,025.00	5,740.00
June 23	3.3	hrs	s/o gary/murray ddd ccc s/o helgi/jono bbb ccc p/u helgi/gary p/u jono Klaza to LLL with supplies to Klaza	G		1,025.00	3,382.50
June 23	6.5	hrs	Klaza-White River Lodge-camp mobin-White River-Klaza	G		1,025.00	6,662.50
June 24	4.5	hrs	Heather/gary/jim-DADE-helgis/o ddd conor to bbb jono to ccc supplies to SKED p/u heather gary jim from Dade-ddd the to ccc then to Klaza and Shamrock reposition p/u	G		1,025.00	4,612.50
June 25	2.8	hrs	s/o to ddd heather gary jim to SKED -DADE- Klaza -DDD -BBB-Klaza p/u helgi and jono	G		1,025.00	2,870.00
June 26	3.0	hrs	heather/gary-SKED helgi/conor-ddd bbb jono-ccc p/u heather/gary p/u conor helgi jono	G		1,025.00	3,075.00
June 27	2.6	hrs	s/o gary/conordd bbb s/o jono-ccc p/u jono p/u gary/conor	G		1,025.00	2,665.00

Thank You! Your Business Is Appreciated! Fuel Price includes Federal and Yukon Tax

COMMENTS

TOTAL

Continued...

1450.39

* BBB - 3895.- (* Δ - 4089.75)
* CCC - 5227.50 (* A - 5488.88)
* DDD - 6867.50 (* A - 7210.88)
* DADE - 922.50 (* A - 968.62)
* MINT - 6662.50 (* A - 6995.63)
* SELWYN - 4305.- (* A - 4520.25)
* SKED - 1127.50 (* A - 1183.88)

30457.89

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CAPITAL HELICOPTERS (1995) INC.
Suite 3 - 25 Pilgrim Place, Whitehorse, Y.T. Y1A 6E6
Phone: (867) 668-6200 Fax: (867) 668-6201
capitalheli@polarcom.com



Charter and Contract Service

INVOICE

NO. 11582

DATE 05/07/2011

PAGE 1 of 1

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Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

SHIP TO
Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT
June 28	3.4	hrs	gary-DADE-conor.helgi s/o bbb ccc tors/o ccc jono s/o heli/conor gary jono p/u	G		1,025.00	3,485.00
June 29	2.7	hrs	Klaza-SKED w/supplies Tor s/o ccc jono s/o ccc p/u jono and Tor	G		1,025.00	2,767.50
June 30	3.1	hrs	Demar SKED supplies to LLL	G		1,025.00	3,177.50
July 1	2.0	hrs	Conor/Jono s/o ccc and pick up	G		1,025.00	2,050.00
July 2	2.9	hrs	Tor s/o ccc jono s/o DADE p/u Tor p/u jono fuel from Klaza to III and sample to Klaza	G		1,025.00	2,972.50
July 3	1.6	hrs	murray/jono s/o ccc and p/u murray/jono	G		1,025.00	1,640.00
July 4	0.8	hrs	murray s/o ccc and p/u "DADE"	G		1,025.00	820.00
			G - GST 5.00% GST				845.64

Capital Helicopters (1995) Inc. GST: #899587984

Thank You! Your Business Is Appreciated! Fuel Price includes Federal and Yukon Tax

COMMENTS

TOTAL 17,758.14

845.64
BBB - 615. - (A - 645.75)
CCC - 10250. - (A - 10762.50)

DADE - 1025. - (A - 1076.25)
SELWYN - 2665. - (A - 2798.25)
SKED - 2357.50 (A - 2475.39)

17758.14

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Charter and Contract Service

INVOICE

NO. 11589

DATE 12/07/2011

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ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT
July 5	1.9	hrs	s/o and pick up murry kane victoria	G		1,025.00	1,947.50
July 6	4.6	hrs	s/o and pick murray ddd s/o and p/u jerrad /sample dade s/o p/u victoria ccc s/o groceeris/dom lll s/o p/u jono ddd	G		1,025.00	4,715.00
July 7	5.7	hrs	s/o p/u jerrad dade s/o p/u murray ddd s/o p/u victoria/jono ccc lll camp move	G		1,025.00	5,842.50
July 8	3.0	hrs	s/o p/u murray/victoria photo recci of Klaza	G		1,025.00	3,075.00
July 9	3.8	hrs	s/o p/u murray ddd s/o p/u victoria ccc delivery to lll	G		1,025.00	3,895.00
July 10	1.4	hrs	s/o p/u murray/victoria ddd	G		1,025.00	1,435.00
July 11	1.4	hrs	s/o p/u murray/victoria "DADE"	G		1,025.00	1,435.00
			G - GST 5.00% GST				1,117.26
			Capital Helicopters (1995) Inc. GST: #899587984				
			Thank You! Your Business Is Appreciated! Fuel Price includes Federal and Yukon Tax			TOTAL	23,462.26

COMMENTS

1,117.26
CCC 6,047.50
DDD 9840.00
Dade 1537.50
LLL 4612.50
Klaza 307.50
23,462.26

CCC (A - 6347.88)
=DDD (A-10332.00)
=Dade (A-1614.38)
=LLL (A-4843.13)
=Klaza (A-322.88)

CAPITAL HELICOPTERS (1995) INC.
Suite 3 - 25 Pilgrim Place, Whitehorse, Y.T. Y1A 6E6
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Charter and Contract Service

INVOICE

NO. 11596

DATE 28/07/2011

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Archer Cathro
Suite 1016, 510 West Hastings
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ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT
July 12	1.7	hrs	s/o Murray/Victoria-ddd p/u Murray/Victoria	G		1,025.00	1,742.50
July 13	2.7	hrs	s/o Kane/Victoria-ccc groceris from Klaza-LLL samples from LLL-Klaza p/u Kane/Victoria	G		1,025.00	2,767.50
July 14	1.6	hrs	s/o Justin-ddd s/o Heather- DADE p/u Junstin/Heather	G		1,025.00	1,640.00
July 15	0.6	hrs	s/o Kane and return to camp (bad weather)	G		1,025.00	615.00
July 16	3.1	hrs	s/o Kane/Victoria-ddd s/o Dan-Shamrock p/u Kane/Victoria/Dan	G		1,025.00	3,177.50
July 17	3.0	hrs	s/o Victoria/Kane-ddd s/o Dan-Shamrock p/u Dan/Victoria/Kane	G		1,025.00	3,075.00
July 18	3.2	hrs	s/o Kane/Victoria/Dan-ddd p/u Kane/Victoria/Kane "DADE"	G		1,025.00	3,280.00
			G - GST 5.00% GST				16297.50 814.89

Capital Helicopters (1995) Inc. GST: #899587984

Thank You! Your Business Is Appreciated! Fuel Price includes Federal and Yukon Tax

COMMENTS

TOTAL 17,112.39

ccc — 1742.50
DDD — 12710.
Dade — 820.
(LLL) Sidney — 1025.

A — 1829.64
A — 13345.50
A — 861.
A — 1076.25

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Charter and Contract Service

INVOICE

NO. 11661

DATE 18/08/2011

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Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT
Aug 15	4.3	hrs	s/o Pierr/Don-DDD s/o Victoria-DADE s/o Jono/Helgi-CCC ddd p/u Don/Victoria/Jono/Helgi/fuel 000 p/u Pierre food- Shamrock supplies-Shamrock "DADE"	G		1,025.00	4,407.50
			G - GST 5.00% GST				1,573.40

Capital Helicopters (1995) Inc. GST: #899587984

Thank You! Your Business Is Appreciated! Fuel Price includes Federal and Yukon Tax

COMMENTS

TOTAL 33,040.90

BBB - 1127.50 (A - 1183.88)
CCC - 1640. (A - 1722.)
DDD - 20 2495. (A - 21309.75)
Dade - 4100. (A - 4305.)
Kluane - 517.50
000 - 3795.00 (A - 3985.13)

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INVOICE

NO. 11670
DATE 22/08/2011
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ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT
Aug 16	3.4	hrs	s/o Pierre-DDD s/o Victoria-DADE s/o Jono/Helgi-CCC DDD welder to Shamrock empty drums from DADE p/u Victoria/Jono/Helgi/Pierre	G		1,025.00	3,485.00
Aug 17	2.1	hrs	s/o Jono-III s/o Victoria-DADE s/o Pierre/Helgi-DDD p/u Jono/Helgi/Viactoria/Pierre	G		1,025.00	2,152.50
Aug 17	0.1	hrs	fuel to R C drill (Rock Haven Inc)	G		1,025.00	102.50
Aug 18	2.3	hrs	s/o Pierr/Helgi-DDD and welder returned from Shamrock s/o Jono/Victoria-DADE p/u Helgi p/u Jonoand samples p/u Victoria/Pierre	G		1,025.00	2,357.50
Aug 19	1.7	hrs	s/o Pierre-DDD s/o Jono/Victoria-DADE p/u Jono/Helgi samples-DADE p/u Pierre	G		1,025.00	1,742.50
Aug 20	8.1	hrs	s/o Jono-DADE s/o Victoria-DADE s/o Pierre-DDD camp demob-000 p/u Jono/Victoria/Pierre "DADE"	G		1,025.00	8,302.50
	17.7						18147.50
			G - GST 5.00%				
			GST				907.15
Capital Helicopters (1995) Inc. GST: #899587984							
Thank You! Your Business Is Appreciated! Fuel Price includes Federal and Yukon Tax						TOTAL	19,049.65

COMMENTS

CCC - 615.00 (A - 645.75)
DDD - 6357.00 (A - 667x.75)
Dade - 379x.50 (A - 398x.13)
III - 6N. (A - 645.75)
Kenya - 10x.50
000 - 666x.50 (A - 6995.63)

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East
Vancouver, BC Canada V6A 4A3
Phone 604 253 3158 Fax 604 253 1716
GST # 843013921 RT

Bill To: Archer, Cathro & Assoc. (1981) Ltd.
1016 - 510 W. Hastings St.
Vancouver, BC V6B 1L8
Canada

Invoice Date: September 26, 2011
Invoice Number: **VANI096941**
Submitted by: Joan Mariacher
Job Number: WHI11001187
Order Number:
Project Code: CCC VA
Shipment ID:
Quote Number:

Item	Package	Description	Sample No.	Unit Price	Amount
1	SS80	Sieve 100g soil to -80 mesh	24	$2.25	$54.00
2	1F03	30g Basic Suite (37 elements)	24	$26.00	$624.00
3	STOR-PLP	3 months of pulp storage	24	$0.48	$11.52
4	DIS-PLP	Warehouse disposition of pulps	24	$0.10	$2.40
			Net Total		$691.92
			BC HST		$83.03
			Grand Total	**CAD**	**$774.95**

Invoice Stated In Canadian Dollars

Payment Terms:

Due upon receipt of invoice. Please pay the last amount shown on the invoice.

For cheque payments, please remit payment to the above address, made payable to: Acme Analytical Laboratories (Vancouver) Ltd.
Please specify Acme invoice number on cheque remittance.

For electronic payments, please wire funds to one of the following accounts:

For payment in Canadian Funds:
Acme Analytical Laboratories (Vancouver) Ltd.
HSBC
885 West Georgia St
Vancouver, BC Canada V6C 3G1
Account # 428755-001
Bank Transit # 10270-016
Swift Code: HKBCCATT

For payment in US Funds:
Acme Analytical Laboratories (Vancouver) Ltd.
HSBC
885 West Georgia St
Vancouver, BC Canada V6C 3G1
Account # 428755-070
Bank Transit # 10270-016
Swift Code: HKBCCATT

Please specify Acme invoice number for reference on transfer forms when making payment.

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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

INVOICE NUMBER 2339807

BILLING INFORMATION

Certificate: WH11120313
Sample Type: Soil
Account: F
Date: 21-JUL-2011
Project: Wolverine
P.O. No.: 2-BBB 1-CCC 1-DADE
Quote: ALSM-CW11-013-F
Terms: Net 30 Days C1
Comments:

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
4	PREP-41	Dry, Sieve (180 um) Soil	1.05	4.20
1.14	PREP-41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	1.69	1.93
4	Au-ICP21	Au 30g FA ICP-AES Finish	11.93	47.72
4	ME-ICP41	35 Element Aqua Regia ICP-AES	5.33	21.32
4	GEO-AR01	Aqua regia digestion	2.62	10.48

x BBB - 47.83 (A - 47.97) x
x CCC - 21.41 (A - 23.98) x
x DADE - 21.41 (A - 23.98) x

SUBTOTAL (CAD)	$	85.65
R100938885 HST BC	$	10.28
TOTAL PAYABLE (CAD)	**$**	**95.93**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.
Bank: Royal Bank of Canada
SWIFT: ROYCCAT2
Address: Vancouver, BC, CAN
Account: 003-00010-1001098
Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To :
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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

INVOICE NUMBER 2343526

BILLING INFORMATION

Certificate:	**WH11122910**
Sample Type:	**Rock**
Account:	**F**
Date:	**25-JUL-2011**
Proiect:	Wolverine
P.O. No.:	BBB, CCC, DDD & DADE AU
Quote:	ALSM-CW11-013-F
Terms:	**Net 30 Days** C1
Comments:	

ANALYSED FOR

QUANTITY	CODE	DESCRIPTION	UNIT PRICE	TOTAL
32	LOG-22	Sample login - Rcd w/o BarCode	0.64	20.48
32	PUL-31	Pulverize split to 85% <75 um	2.24	71.68
32	Au-AA24	Au 50g FA AA finish	13.65	436.80
32	ME-ICP41	35 Element Aqua Regia ICP-AES	5.33	170.56
1	ME-OG46	Ore Grade Elements - AquaRegia	1.76	1.76
1	Pb-OG46	Ore Grade Pb - Aqua Regia	1.76	1.76
1	Zn-OG46	Ore Grade Zn - Aqua Regia	1.76	1.76
32	GEO-AR01	Aqua regia digestion	2.62	83.84
1	ASY-AR01	Assay Aqua Regia Digestion	4.43	4.43
32	CRU-31	Fine crushing - 70% <2mm	1.44	46.08
27.76	CRU-31	Weight Charge (kg) - Fine crushing - 70% <2mm	0.27	7.50
32	SPL-21	Split sample - riffle splitter	1.01	32.32
27.76	SPL-21	Weight Charge (kg) - Split sample - riffle splitter	0.22	6.11

BBB - 55.32 (A-61.56)
CCC - 306.72 (A-340.76)
DDD - 457.85 (A-507.54)
DADE - 27.66 (A-30.50)

SUBTOTAL (CAD)	$	885.08
R100938885 HST BC	$	106.21
TOTAL PAYABLE (CAD)	**$**	**991.29**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To :
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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

INVOICE NUMBER 2344854

BILLING INFORMATION

Certificate:	**WH11122917**
Sample Type:	**Soil**
Account:	**F**
Date:	**5-AUG-2011**
Project:	Wolverine-CCC
P.O. No.:	
Quote:	ALSM-CW11-013-F
Terms:	**Net 30 Days** C1
Comments:	

QUANTITY	CODE	ANALYSED FOR - DESCRIPTION	UNIT PRICE	TOTAL
224	PREP-41	Dry, Sieve (180 um) Soil	1.05	235.20
65.61	PREP-41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	1.69	110.88
224	Au-ICP21	Au 30g FA ICP-AES Finish	11.93	2,672.32
224	ME-ICP41	35 Element Aqua Regia ICP-AES	5.33	1,193.92
224	GEO-AR01	Aqua regia digestion	2.62	586.88

4 CCC NA30

SUBTOTAL (CAD)	$	4,799.20
R100938885 HST BC	$	575.90
TOTAL PAYABLE (CAD)	**$**	**5,375.10**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To :
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7

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North Vancouver BC V7H 0A7
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To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

INVOICE NUMBER 2350955

BILLING INFORMATION

Certificate:	**WH11125931**
Sample Type:	**Soil**
Account:	**F**
Date:	**11-AUG-2011**
Project:	Wolverine-CCC
P.O. No.:	
Quote:	ALSM-CW11-013-F
Terms:	**Net 30 Days** C1
Comments:	

QUANTITY	CODE	ANALYSED FOR - DESCRIPTION	UNIT PRICE	TOTAL
140	PREP-41	Dry, Sieve (180 um) Soil	1.05	147.00
43.18	PREP-41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	1.69	72.97
140	Au-ICP21	Au 30g FA ICP-AES Finish	11.93	1,670.20
140	ME-ICP41	35 Element Aqua Regia ICP-AES	5.33	746.20
140	GEO-AR01	Aqua regia digestion	2.62	366.80

1 CCC NA 350

SUBTOTAL (CAD)	$	3,003.17
R100938885 HST BC	$	360.38
TOTAL PAYABLE (CAD)	**$**	**3,363.55**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please send payment info to accounting.canusa@alsglobal.com

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North Vancouver BC V7H 0A7

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North Vancouver BC V7H 0A7
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To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

INVOICE NUMBER 2350972

BILLING INFORMATION

Certificate:	**WH11125932**
Sample Type:	**Soil**
Account:	**F**
Date:	**11-AUG-2011**
Project:	Wolverine-CCC
P.O. No.:	
Quote:	ALSM-CW11-013-F
Terms:	**Net 30 Days** C1
Comments:	

ANALYSED FOR

QUANTITY	CODE	- DESCRIPTION	UNIT PRICE	TOTAL
156	PREP-41	Dry, Sieve (180 um) Soil	1.05	163.80
43.63	PREP-41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	1.69	73.73
156	Au-ICP21	Au 30g FA ICP-AES Finish	11.93	1,861.08
156	ME-ICP41	35 Element Aqua Regia ICP-AES	5.33	831.48
156	GEO-AR01	Aqua regia digestion	2.62	408.72

SUBTOTAL (CAD)	$	3,338.81
R100938885 HST BC	$	400.66
TOTAL PAYABLE (CAD)	$	3,739.47

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To :
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North Vancouver BC V7H 0A7

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North Vancouver BC V7H 0A7
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

INVOICE NUMBER 2351055

BILLING INFORMATION

Certificate: **WH11125933**
Sample Type: **Soil**
Account: **F**
Date: **11-AUG-2011**
Project: Wolverine-CCC
P.O. No.:
Quote: ALSM-CW11-013-F
Terms: **Net 30 Days** C1
Comments:

QUANTITY	ANALYSED FOR CODE	- DESCRIPTION	UNIT PRICE	TOTAL
160	PREP-41	Dry, Sieve (180 um) Soil	1.05	168.00
44.10	PREP-41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	1.69	74.53
160	Au-ICP21	Au 30g FA ICP-AES Finish	11.93	1,908.80
160	ME-ICP41	35 Element Aqua Regia ICP-AES	5.33	852.80
160	GEO-AR01	Aqua regia digestion	2.62	419.20

SUBTOTAL (CAD)	$	3,423.33
R100938885 HST BC	$	410.80
TOTAL PAYABLE (CAD)	$	**3,834.13**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.
Bank: Royal Bank of Canada
SWIFT: ROYCCAT2
Address: Vancouver, BC, CAN
Account: 003-00010-1001098
Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To :
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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

INVOICE NUMBER 2356424

BILLING INFORMATION

Certificate: WH11130647
Sample Type: Soil
Account: F
Date: 17-AUG-2011
Project: Wolverine-CCC
P.O. No.:
Quote: ALSM-CW11-013-F
Terms: Net 30 Days C1
Comments:

QUANTITY	ANALYSED FOR CODE	DESCRIPTION	UNIT PRICE	TOTAL
156	PREP-41	Dry, Sieve (180 um) Soil	1.05	163.80
44.15	PREP-41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	1.69	74.61
156	Au-ICP21	Au 30g FA ICP-AES Finish	11.93	1,861.08
156	ME-ICP41	35 Element Aqua Regia ICP-AES	5.33	831.48
156	GEO-AR01	Aqua regia digestion	2.62	408.72

CCC NA33

SUBTOTAL (CAD)	$	3,339.69
R100938885 HST BC	$	400.76
TOTAL PAYABLE (CAD)	**$**	**3,740.45**

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

INVOICE NUMBER 2357371

BILLING INFORMATION

Certificate:	**WH11130648**
Sample Type:	**Soil**
Account:	**F**
Date:	**20-AUG-2011**
Project:	Wolverine-CCC
P.O. No.:	
Quote:	ALSM-CW11-013-F
Terms:	**Net 30 Days** C1
Comments:	

ANALYSED FOR

QUANTITY	CODE	DESCRIPTION	UNIT PRICE	TOTAL
137	PREP-41	Dry, Sieve (180 um) Soil	1.05	143.85
36.91	PREP-41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	1.69	62.38
137	Au-ICP21	Au 30g FA ICP-AES Finish	11.93	1,634.41
137	ME-ICP41	35 Element Aqua Regia ICP-AES	5.33	730.21
137	GEO-AR01	Aqua regia digestion	2.62	358.94

SUBTOTAL (CAD)	$	2,929.79
R100938885 HST BC	$	351.57
TOTAL PAYABLE (CAD)	$	**3,281.36**

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SWIFT:	ROYCCAT2
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To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

INVOICE NUMBER 2361476

BILLING INFORMATION

Certificate: WH11133141
Sample Type: Soil
Account: F
Date: 23-AUG-2011
Project: Wolverine-CCC
P.O. No.:
Quote: ALSM-CW11-013-F
Terms: Net 30 Days C1
Comments:

ANALYSED FOR

QUANTITY	CODE	DESCRIPTION	UNIT PRICE	TOTAL
137	PREP-41	Dry, Sieve (180 um) Soil	1.05	143.85
45.86	PREP-41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	1.69	77.50
137	Au-ICP21	Au 30g FA ICP-AES Finish	11.93	1,634.41
137	ME-ICP41	35 Element Aqua Regia ICP-AES	5.33	730.21
137	GEO-AR01	Aqua regia digestion	2.62	358.94

SUBTOTAL (CAD)	$	2,944.91
R100938885 HST BC	$	353.39
TOTAL PAYABLE (CAD)	**$**	**3,298.30**

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
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SWIFT: ROYCCAT2
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To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

INVOICE NUMBER 2361487

BILLING INFORMATION

Certificate: **WH11133142**
Sample Type: **Soil**
Account: **F**
Date: **23-AUG-2011**
Project: Wolverine-CCC
P.O. No.:
Quote: ALSM-CW11-013-F
Terms: **Net 30 Days** C1
Comments:

QUANTITY	CODE	DESCRIPTION	UNIT PRICE	TOTAL
		ANALYSED FOR -		
108	PREP-41	Dry, Sieve (180 um) Soil	1.05	113.40
29.18	PREP-41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	1.69	49.31
105	Au-ICP21	Au 30g FA ICP-AES Finish	11.93	1,252.65
108	ME-ICP41	35 Element Aqua Regia ICP-AES	5.33	575.64
108	GEO-AR01	Aqua regia digestion	2.62	282.96

SUBTOTAL (CAD)	$	2,273.96
R100938885 HST BC	$	272.88
TOTAL PAYABLE (CAD)	**$**	**2,546.84**

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
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To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
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INVOICE NUMBER 2372693

BILLING INFORMATION

Certificate: **WH11145984**
Sample Type: **Soil**
Account: **F**
Date: **12-SEP-2011**
Project: Wolverine-CCC
P.O. No.:
Quote: ALSM-CW11-013-F
Terms: **Net 30 Days** C1
Comments:

QUANTITY	CODE	DESCRIPTION	UNIT PRICE	TOTAL
	ANALYSED FOR			
9	PREP-41	Dry, Sieve (180 um) Soil	1.05	9.45
1.94	PREP-41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	1.69	3.28
9	Au-ICP21	Au 30g FA ICP-AES Finish	11.93	107.37
9	ME-ICP41	35 Element Aqua Regia ICP-AES	5.33	47.97
9	GEO-AR01	Aqua regia digestion	2.62	23.58

SUBTOTAL (CAD)	$	191.65
R100938885 HST BC	$	23.00
TOTAL PAYABLE (CAD)	**$**	**214.65**

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

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To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
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INVOICE NUMBER 2339597

BILLING INFORMATION

Certificate: **WH11121124**
Sample Type: **Rock**
Account: **F**
Date: **21-JUL-2011**
Project: Wolverine BBB, CCC, DDD, & DADE
P.O. No.:
Quote: ALSM-CW11-013-F
Terms: **Net 30 Days** C1
Comments:

QUANTITY	CODE	ANALYSED FOR - DESCRIPTION	UNIT PRICE	TOTAL
50	LOG-22	Sample login - Rcd w/o BarCode	0.64	32.00
50	PUL-31	Pulverize split to 85% <75 um	2.24	112.00
50	Au-AA24	Au 50g FA AA finish	13.65	682.50
50	ME-ICP41	35 Element Aqua Regia ICP-AES	5.33	266.50
50	GEO-AR01	Aqua regia digestion	2.62	131.00
50	CRU-31	Fine crushing - 70% <2mm	1.44	72.00
38.36	CRU-31	Weight Charge (kg) - Fine crushing - 70% <2mm	0.27	10.36
50	SPL-21	Split sample - riffle splitter	1.01	50.50
38.36	SPL-21	Weight Charge (kg) - Split sample - riffle splitter	0.22	8.44

(A- 183.50) ↺ BBB- 163.84
(A- 344.66) ↺ CCC+ 218.45
(A- 886.90) ↺ DDD- 791.87
(A- 214.08) ↺ DADE- 191.14

SUBTOTAL (CAD)	$	1,365.30
R100938885 HST BC	$	163.84
TOTAL PAYABLE (CAD)	**$**	**1,529.14**

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