



ASSESSMENT REPORT ON THE 2011 GEOPHYSICAL SURVEY OF THE REK 1-320 CLAIMS

YD26439	REK 1
YD26438	REK 2
YD75003-YD75071	REK 3-71
YD26437	REK 72
YD75073-YD75302	REK 73- 302
YD26463- YD26480	REK 303- 320

Mayo Mining District, Yukon Territory

Macmillan River area

NTS map sheet 115L 14

133° 18' W, 62° 55' N

Gravity and Mag survey conducted June 17 to July 2, 2011

Owner and Operator:
Redtail Metals Corp
11th floor, 888 Dunsmuir
Vancouver, B.C., V6C 3K4

July 18, 2012

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SUMMARY

The REK property consists of 320 quartz claims wholly owned by Redtail Metals Corp. The property is located 240 km north of Whitehorse, 60 km northeast of Pelly Crossing, in the Mayo Mining District. Access to the property is by helicopter.

The property is at the western edge of Selwyn Basin; host rocks consist of Cambrian to Ordovician clastic and locally limey sediments intruded by a Cretaceous granitic intrusion assigned to the Selwyn Suite. The stratigraphic setting is highly prospective for shale-hosted massive sulphide SEDEX deposits and indeed hosts several mineral occurrences; skarn mineralization also occurs on the property.

The area covered by the REK claims corresponds to the former DMC claims, which were located at the western extent of the much larger Dromedary property. Historical exploration work outlined several showings of SEDEX mineralization. The 2011 program was focused on the Kal (Minfile 105L 054) and Cave (Minfile 105L 037) showings.

Overall, the mineralized zone is characterized by iron sulphide mineralization, carbonate porphyryblasts, manganese oxide staining, and hematitic weathering, and is associated with fossiliferous strata. Galena and sphalerite mineralization occurs as narrow stringers to wispy disseminations in a zone which is roughly sub-parallel to bedding. The consistent association of the mineralized zone with a fossil-rich horizon and its bedding parallel orientation indicates the mineralization is most likely stratabound, characteristic of SEDEX deposits.

At the **Kal** showing, chip samples from trenches assayed up to 8.9% Pb, 2.8% Zn and 180 g/t Ag across 1 m.

At the **Cave** showing, a float boulder sampled in 1984 assayed 18.2% Zn, 0.64% Pb and 12.8 g/t Ag. Chip sampling in 1988 returned values up to 0.64% Pb, 18.17% Zn and 12.8 g/t Ag over 35 cm. Samples from hand trench 92-1 located 550 m east-southeast of the Cave showing contained up to 7 395 ppm Pb and 4 504 ppm Zn over a 0.6 m interval of rusty weathering shale and siltstone.

These showings occur along a 7.5 km-long Pb-Zn-Ag soil anomaly, which also hosts several other mineral occurrences. This area has never been drill-tested.

The same stratigraphy was drill-tested in the eastern portion of the Dromedary property (east of the REK claims), where coincident gravity and mag anomalies were viewed as favourable drill targets, due to the association of pyrrhotite with auriferous Pb-Zn mineralization. Although historical geophysical work on the REK claims did include mag and EM surveys, all done along widely spaced (400m) grid lines, only one line was surveyed for gravity. Several conductors and magnetic highs were outlined by this work, and never tested.

In order to help filter out conductors that may be due to the EM response of graphitic shales, a gravity survey was contracted out to Aurora Geosciences, a Whitehorse-based geophysical firm. The fieldwork took place from June 17 to July 2nd 2011, based from two fly camps. Two grids, each centered on each one of these showings, were surveyed for gravity and ground magnetics. The ground mag survey was done in order to provide a cost-effective way to geo-reference the historical EM survey, and therefore precisely locate the conductors without having to re-do an EM survey. The goal was to select conductors as drill targets.

The lines were mostly spaced 200m apart, duplicating the historical grid and providing additional infill information (the original grid consisted of 400m-spaced lines). 431 gravity survey points were taken; the magnetic survey totaled 21.3 line-km.

INTRODUCTION

LOCATION AND ACCESS

The REK property consists of 320 quartz claims wholly owned by Redtail Metals Corp. The property is located on map sheet 105L 14, approximately 240 km north of Whitehorse and 60 km northeast of Pelly Crossing, in the traditional territory of the Selkirk First Nation (Figure 1). The claims span an area between the height of land of the Kalzas Range and the northern bank of the MacMillan River. Access to the property is by helicopter. Work was conducted from two separate fly-camps. Camp locations are listed in Appendix 3.

REK claims General Location Map- 105L 14

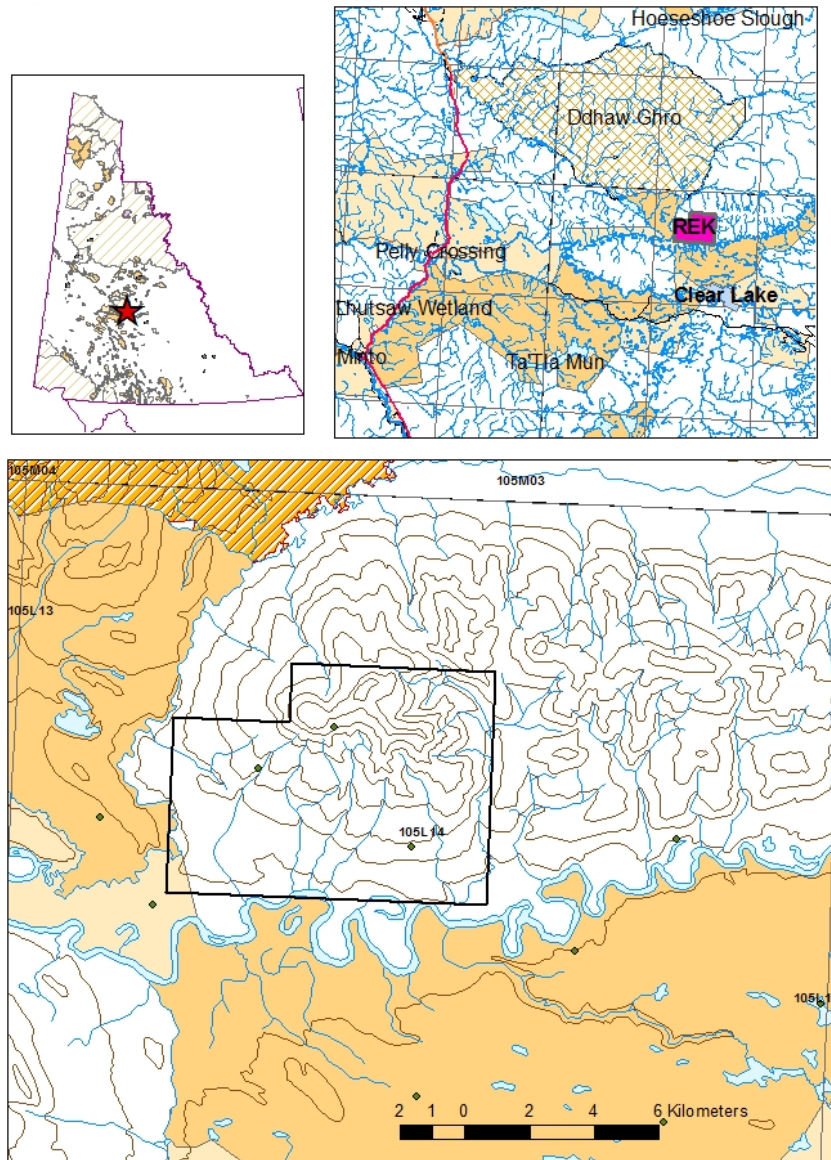


FIGURE 1 GENERAL LOCATION MAP

Property claim status

The property consists of 320 quartz claims wholly owned by Redtail Metals Corp, all located on NTS map 105L 14, in the Mayo mining district (Figure 2). Detailed claim data is found in Appendix 1.

TABLE 1 CLAIM DATA

Claim name/number	Grant number	Expiry date (pending acceptance of this filing)
REK 1	YD26439	March 25 2013
REK 2	YD26438	March 25 2013
REK 3-71	YD75003-YD75071	March 25 2013
REK 72	YD26437	March 25 2013
REK 73- 302	YD75073-YD75302	March 25 2013
REK 303- 320	YD26463- YD26480	March 25 2013

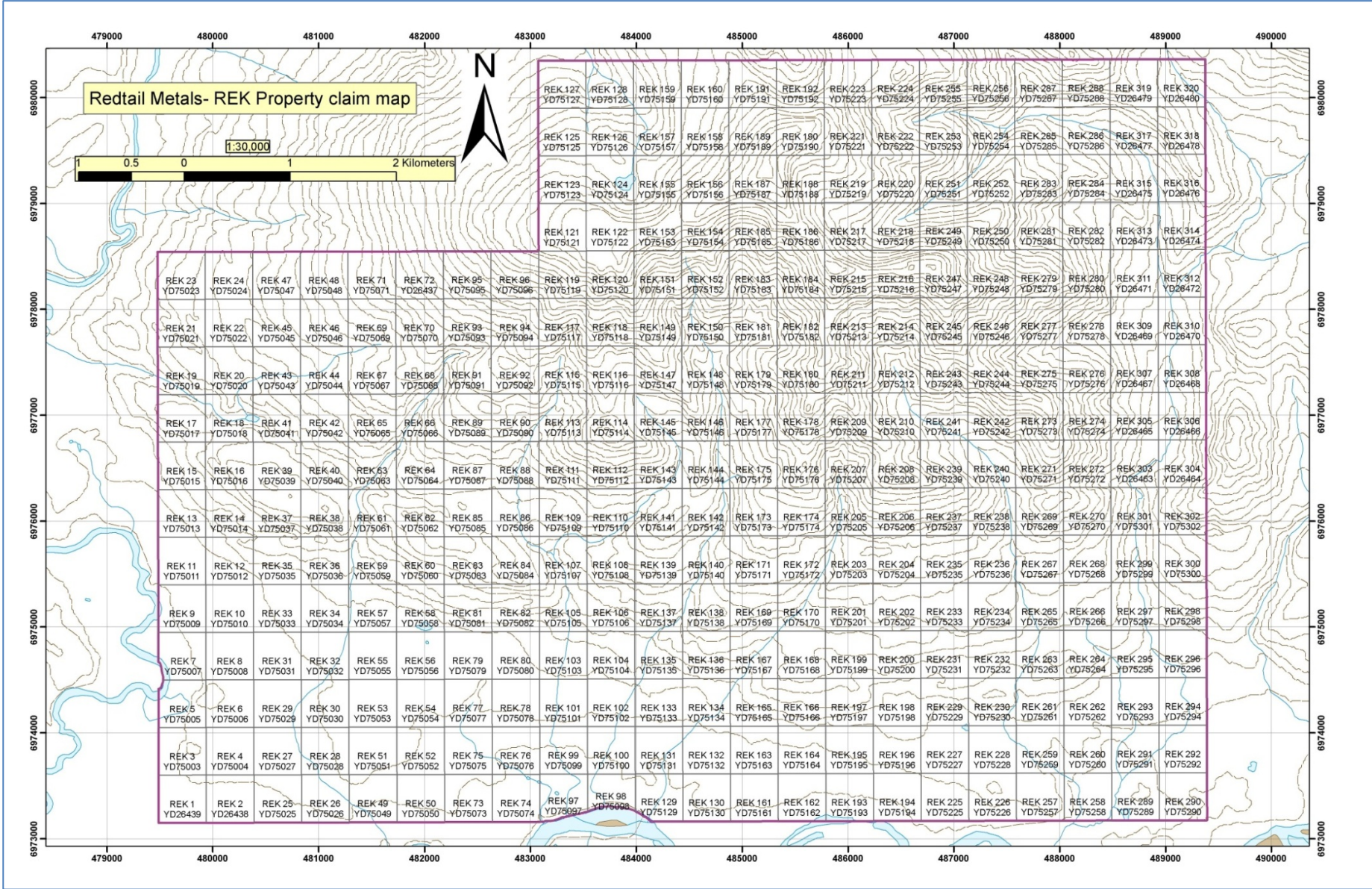


FIGURE 2 REK CLAIM MAP

REGIONAL GEOLOGY

According to the regional digital geology compilation available from YGS, The REK claims are located immediately east of the Tintina fault, and overlie folded and faulted sediments of western Selwyn Basin. These are bisected into relatively thick panels bound by northeast-trending faults. The low-lying southern portion of the claims corresponds to Ordovician-Silurian Road River shales, which are thrust towards the north over a folded panel of sediments ranging from Cambrian Hyland Group, through Cambro-Ordovician Rabbitkettle limestones, to Devonian-Mississippian Earn Group siliceous cherts and conglomerates. If the regional map is correct, this implies that the Road River shales are missing from this part of the stratigraphy. This folded sequence is in turn intruded by a mid-Cretaceous quartz monzonite-granodiorite (mKgS) assigned to the Selwyn Suite. Sedimentary units in intrusive contact aureoles are metamorphosed to biotite and calc-silicate hornfels and skarn. A northeast trending fault forms the northeast boundary of this sequence, appearing to truncate the Cretaceous intrusion and juxtaposing the whole sequence to younger sediments northeast of the claim block.

The Earn Group is host to the Tom and Jason SEDEX deposits of the MacPass area, and to the Clear Lake deposit only 15 km to the southeast.

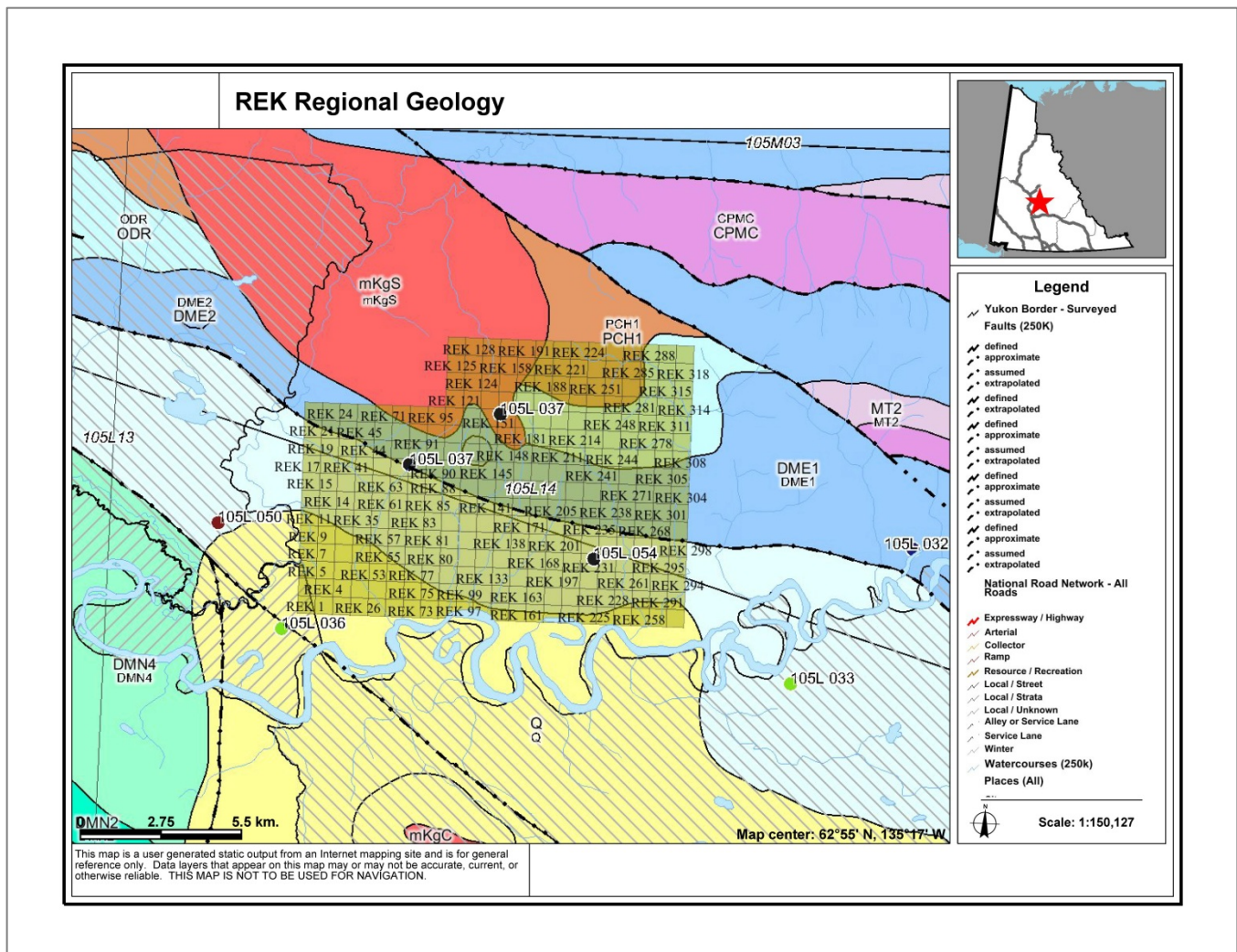


FIGURE 3 REGIONAL GEOLOGY

REK- REGIONAL GEOLOGY LEGEND

MID-CRETACEOUS

mKS

mKS: SELWYN SUITE

plutonic suite of intermediate (g) to more felsic composition (q) and rarely syenitic (y); equivalent felsic dykes (f); complete compositional gradation so that these designations are somewhat arbitrary

DEVONIAN AND MISSISSIPPIAN

DME

DME: EARN

complex assemblage of submarine fan and channel deposits (1), (5) within black siliceous shale and chert (2), (4) and including separated small occurrences of felsic volcanic rocks (3); barite common, and many occurrences of stratiform Pb-Zn

1. thin bedded, laminated slate with thin to thickly interbedded fine to medium grained chert-quartz arenite and wacke; thick members of chert pebble conglomerate; black siliceous siltstone; nodular and bedded barite; rare limestone (**Earn Gp., Portrait Lake and Prevost**)
2. silvery blue weathering black shale, argillite, cherty argillite and thin bedded chert; nodular and bedded barite; rare limestone (**Earn Gp., Portrait Lake and Prevost ; may locally include beds as old as Early Devonian**)

ORDOVICIAN TO LOWER DEVONIAN

ODR

ODR: ROAD RIVER - SELWYN

black shale and chert (1) overlain by orange siltstone (2) or buff platy limestone (3); locally contains beds as old as Middle Cambrian (4); correlations with basinal strata in Richardson Mountains include: ODR1 with CDR2 (upper part) and ODR2 with CDR4 (**Road River Gp.**)

1. black, gun-blue, or silvery white weathering black graptolitic shale and black chert; resistant grey weathering, thin to medium bedded, light grey to black, greenish grey or turquoise chert; minor argillaceous limestone (**Road River Gp., Duo Lake and Elmer Creek**)
2. rusty dark green to orange buff weathering, pyritic, burrowed, thin to thick bedded, argillite and dolomitic siltstone with members or partings of black shale and chert; minor bright orange dolostone (**Road River Gp., Steel**)
3. blue-grey weathering, black limestone; tan, buff, or dark grey weathering platy, silty limestone (**Sapper**)
4. black shale; limestone, limestone conglomerate, and interstratified argillite and pale yellow limestone

UPPER CAMBRIAN AND ORDOVICIAN

COR

COR: RABBITKETTLE

basinal limestone (1) that may locally include older and younger basinal pelitic strata undivided (2)

- thin bedded, wavy banded, silty limestone and grey lustrous calcareous phyllite; limestone intraclast breccia and conglomerate; massive to laminated, grey quartzose siltstone and chert and rare black slate; local mafic flows, breccia, and tuff (**Rabbitkettle**)
- as in COR1, but may include Middle Cambrian and Middle Ordovician beds undivided

UPPER PROTEROZOIC TO LOWER CAMBRIAN

PCH

PCH2

PCH: HYLAND

consists upwards of coarse turbiditic clastics (1), limestone (2) and fine clastics typified by maroon and green shale (3); may include younger (4) units; includes scattered mafic volcanic rocks (5) (**Hyland Gp.**)

- thin to thick bedded, brown to pale green shale, fine to coarse grained quartz-rich sandstone, grit, and quartz-pebble conglomerate; minor argillaceous limestone; phyllite, quartzofeldspathic and micaceous psammite, gritty psammite and minor marble (**Hyland Gp., Yusezyu**)

The regional magnetic map shows high linear prominent features, the area mapped as the intrusion has low magnetic relief. The distribution of the highly magnetic rocks suggests that an alternate interpretation to the regional geology is possible. Disseminated pyrrhotite is common in pelitic contact aureoles. Perhaps the high mag linear feature northeast of the intrusion indicates a different distribution of intrusion and host Earn Group.

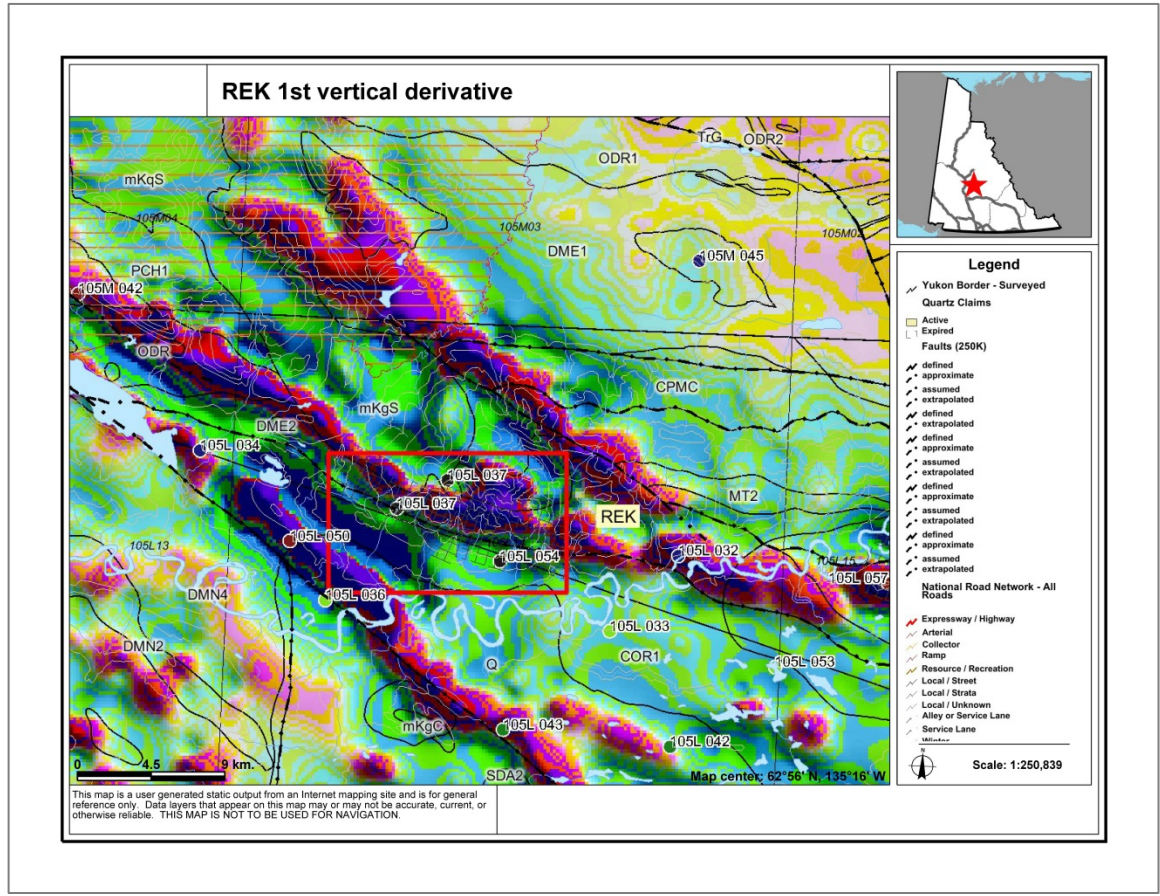


FIGURE 4 REGIONAL MAG

MINERAL POTENTIAL

This section is quoted from Assessment report 093755 (Jones, 1998)

The potential to host large tonnage SEDEX deposits in the western part of the Selwyn Basin was first recognized by Anaconda personnel in the early 1980's. The presence of stratabound sulphides and barite in close association with coarse clastic rocks of the Earn Group indicated a depositional environment and setting not unlike that hosting the Tom and Jason deposits (29 Mt of 6.8% Zn, 5.78% Pb, 64 g/t Ag) in the MacMillan Pass area and the Clear Lake deposit (6.1 Mt of 11.34% Zn, 2.15% Pb, and 40.8 g/t Ag) located 15 kilometres south of the property. Similar to other productive SEDEX camps, stratabound and stratiform mineralization, dominated by pyrrhotite, have been found occurring over a strike length of 40 kilometres at Dromedary. At Howard's Pass, a series of stratiform lead-zinc showings extending along 40 kilometres of strike length were defined prior to discovery of the main deposit.

PROPERTY-SCALE GEOLOGY

This section is modified from assessment report 093755 (Jones, 1998)

The Kal-Cave area is underlain by Cambro-Ordovician phyllites and limestone of the Kechika Group (equivalent to Rabbitkettle Fm). This section has been thrust onto a sequence of undivided Devono-Mississippian shale, siltstones and quartzite (Earn Group) with beds of chert-pebble conglomerate. In the north part of the REK (DMC) claims, previous workers have identified additional occurrences of chert-pebble conglomerate as well as barite horizons, and shales and siltstones of the Ordovician-Silurian Road River Group.

Cretaceous granodiorite to quartz monzonite intrusions have intruded, deformed and metamorphosed sediments to biotite and calc-silicate hornfels, and skarn in intrusive contact aureoles. Another thrust fault exists to the north of the DMC claims resulting in the repetition of units.

In the course of mapping in 1997, some evidence was found that may indicate the stratigraphy of unit 13u (Earn group) is older than Devono-Mississippian. Graptolites, characteristic in this area of Silurian aged Road River Group rocks, were found along a ridge top, well within the mapped extent of unit 13u (near line 4800E, 1750N). This fossil discovery indicates that there may be more thrust panels including Road River rocks present in this area that haven't been reported, or that the fossil-bearing unit is older than Devono-Mississippian.

WORK HISTORY

This section is taken from the Minfile descriptions 105L 037 and 054.

Discovered in 1970 by United Keno Exploration Ltd (United Keno Hill Mines Ltd, Falconbridge Nickel Mines Ltd, Canadian Superior Exploration Ltd), which carried out detailed geological mapping in 1972.

Originally staked as part of Kal cl 1-292 (YA43615) between April to Sep/81 by Anaconda Canada Exploration Ltd following airborne magnetometer and EM surveying. The company staked Bum cl 1-32 (YA43696) adjoining the northwest corner of the Kal group in Apr/81. Anaconda carried out geological mapping, geochemical and geophysical surveying of both claim groups in 1982 and added Bum cl 33-106 (YA76589) in July that year. Anaconda's interest was transferred to Fleck Minerals Inc in 1985, which allowed the Kal claims to lapse. The remaining Bum cl 1-32 were optioned to Dromedary Exploration Company Ltd in Jun/88.

Dromedary restaked this occurrence as DMC cl 1-18 (YB02749) and 19-36 (YB02819) in Sep/88 and carried out geological mapping, geochemical sampling and hand trenching the following year. Dromedary also staked DMC cl 1-36 (YB02749) and DMC cl 37-44 (YB02841) 5 km to the southeast during 1988. Dromedary carried out a small hand trenching program on the

DMC 27, 28 and 33 claims in 1992.

In Aug/93 the DMC claims were optioned to Energold Minerals Inc., which carried out auger sampling, magnetometer surveying and geological mapping that year.

In 1995 G. Carlson acquired 100% interest in the DMC claims from Fleck Minerals and in Jun/96 Carlson optioned the claims to Blackstone Resources Inc. which carried out limited geochemical rock sampling that year. Blackstone staked DMC cl 37-155 (YB80838) in Jun/97 surrounding both of the original DMC claim groups forming one contiguous block of claims. In Jul/97 the company carried out geological mapping, prospecting and geochemical rock and soil sampling between the existing grid lines in the area.

Copper Ridge Explorations staked the REK claims in March 2011. The company changed its name to Redtail Metals in June 2011. A ground mag/ gravity survey was conducted in June 2011 and is the subject of this report.

MINERALIZATION

This section is edited from assessment report 093755 (Jones, 1998). The reader is referred to this report for a more thorough discussion of the mineralization.

Mineralization on the REK is described as stringer and foliation parallel galena-sphalerite mineralization in association with pyrite-pyrrhotite in siliceous siltstone and shaley phyllite in showings found along a 7.5 kilometre long Pb-Zn-Ag soil anomaly. Bedded barite is present in this area associated with Earn Group rocks, mostly in conglomerate.

Two main showings, separated by about 5 kilometres, have been identified by previous workers.

The **Kal** Trenches consists of several trenched occurrences over several hundred metres of strike. The Pb-Zn mineralization is situated within a sequence of fossiliferous, calcareous quartzite, shale, siltstone and locally chert pebble conglomerate and is characterized by strong Mn-oxide staining, dolomitic porphyroblasts, hematization (after pyrrhotite?), and calc-silicate alteration.

The **Cave** showing consists of three showings, the Cave, Fossil and Falls, stacked within a stratigraphic section (Hall, 1982; Keyser, 1990; Sellmer and Zuran, 1993). The Cave Showing is dominated by 'cherty', shaley rocks in the structural hanging wall. Mineralization at the Cave Showing is observable over a wider section of stratigraphy, almost 100 metres thick. The Cave Showing has considerable Fe-oxide associated with it, ferricrete being one of its most distinctive characteristics. Galena and sphalerite mineralization is less obvious, overshadowed by strong pyrite-pyrrhotite mineralization. The iron sulphide mineralization occurs in a relatively siliceous rock, as fine grained disseminations up to 15% of the rock.

Within the section of the Cave Showing, the Fossil Showing has characteristics similar to the mineralized zone at the Kal trenches; MnO staining, carbonatization, fossiliferous stratigraphy. It is assumed at this time that the Kal Trench zone is correlative with the middle of the Cave Showing area stratigraphy, the Fossil Zone.

Using the characteristics of the mineralized zone at the Kal Trenches as a guide, mapping and prospecting traced the mineralized stratigraphy west from about 6400E to 3600E where extensive overburden covers the trace of the zone. Working east from the Cave Showing at 1400E, mineralized stratigraphy can be traced to about 3200E. Several showings were located along the mineralized horizon in the course of mapping and prospecting. These showings are described in the report.

TABLE 2 SIGNIFICANT RESULTS FROM THE KAL-CAVE GRID AREA

Sample #	Width (m)	Pb ppm	Zn ppm	Ag g/t	Au ppb	Other	Comments
010413	1.6 m chip	5040	7180	11.6	10		Tom Showing
010417	float	214	4670	0.4	<5		local float, 5200E/775N, upper Tim Zone
010418	talus	636	510	2.0	<5		Tim Zone
010419	float	9270	8750	14.2	<5		5650E/700N
010422	float	1010	22	2.6	<5		2820E/500N
010427	select	414	4030	1.8	<5		2000E/800N, .57% Pb in soil
010453	grab	8780	2.27%	20.4	10		30 m east of Tom Showing, 5520E/105N
010454	0.5 m	814	1.81%	2.2	<5	330 ppm As	6125E/830N, west of Kal Trenches
010455	grab	302	770	1.6	<5	324 ppm As	east Tim Zone,
010456	grab	56	3230	0.6	<5	249 ppm Cu	east Tim Zone
010459	grab	16	2670	<0.2	<5		L5600E area
010460	grab	794	450	1.8	<5		adjacent 459
010461	grab	472	424	1.8	<5		2850E/340N
010464	grab	196	928	<0.2	<5		ferricrete, 2825E/150N
010466	grab	1685	1660	7.2	<5		1875E/800N
010467	2m grab	796	696	1.0	<5		1800E/875N, soil anomaly
010469	select	5.53%	5.83%	17.8	<5	41 ppm Hg	Gully Showing
010470	select	6370	1855	2.8	<5		Gully Showing
010471	select	3250	2430	2.0	<5		Gully Showing
596751	1.75 m chip	2060	4950	3.8	<5		old trench TK-3, 6010E/830N
596752	1.35 m chip	8870	9650	12.6	<5		TK-3, not contiguous from 596751
596755	(1.4 m) float	562	118	0.6	<5		Tim Zone, trench in local talus, could not reach bedrock

Equity Engine

TABLE 7.1.1, con't
Significant Results from the Kal-Cave Grid Area, DMC Claims

Sample #	Width (m)	Pb ppm	Zn ppm	Ag g/t	Au ppb	Other	Comments
596756	(1.3 m) float	1790	234	1.2	<5	220 ppm As	Tim Zone trench, contiguous with 596755
596760	grab	24	574	<0.2	<5	136 ppm Sb 44 ppm Mo	2500E/225N, near ferricrete zone
596764	0.6 m chip	1.22%	1010	3.0	<5	3 ppm Hg	Gully Showing, 4050E/850N
596765	1.0 m chip	1.24%	5970	3.6	<5	4 ppm Hg	Gully Showing, 5 m west of 764
596766	0.75 m chip	538	1660	0.8	<5		Gully Showing, 5 m east of 764

Several new showings were discovered along the soil anomaly despite a general lack of outcrop on the Kal-Cave grid area and, in particular, of the mineralized zone. These showings were located by searching between the widely spaced lines (400m) originally explored by Anaconda in the early 1980's. They are characterized by iron sulphide mineralization, carbonate porphyroblasts, manganese oxide staining, and hematitic weathering, and are associated with fossiliferous

strata. Some of the better results from this work include select samples which returned up to 5.53% Pb and 5.83% Zn, and chip samples up to 1.24% Pb and 0.60% Zn over 1.0 metre.

Figure 5 show compiled ground mag and HLEM anomalies.

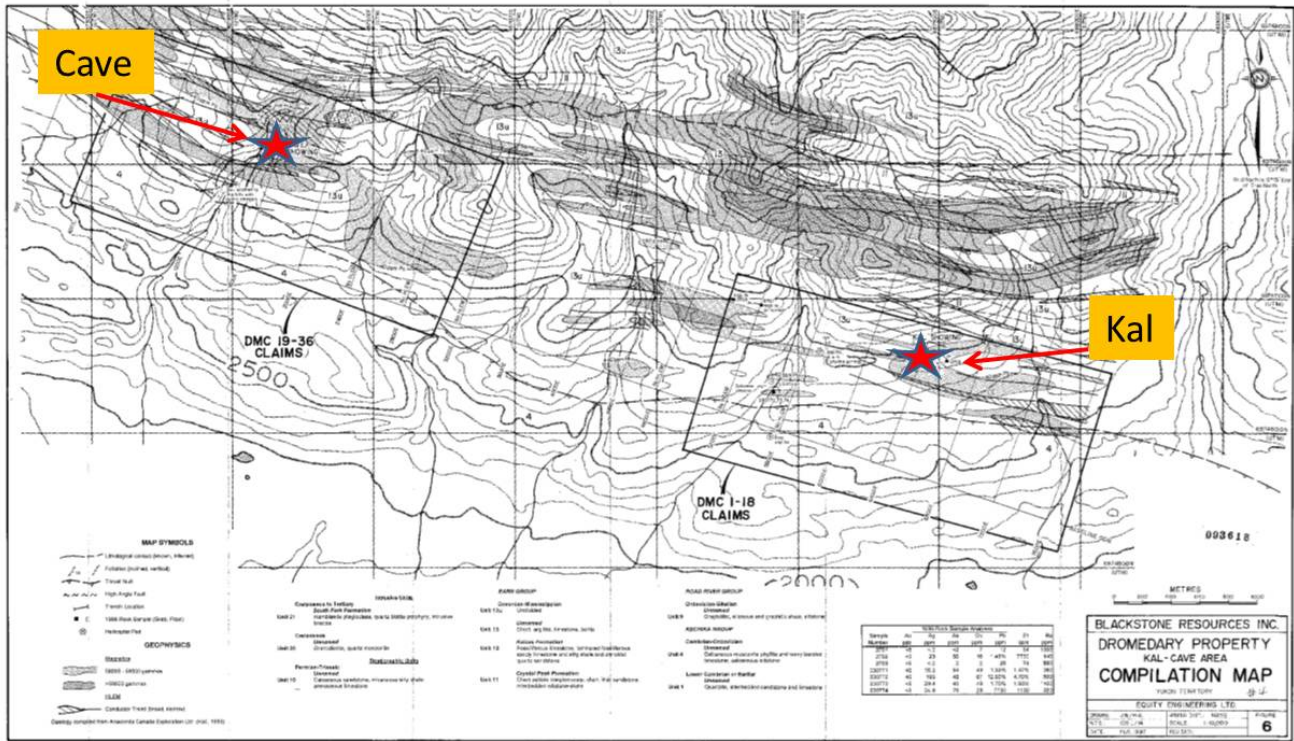


FIGURE 5 GEOPHYSICAL COMPILATION MAP

DESCRIPTION OF 2011 WORK PROGRAM

In order to help interpret the historical data, select historical conductors that may be coincident with gravity highs, and filter out conductors that may be due to the EM response of graphitic shales, a ground gravity survey and a magnetic survey were contracted out to Aurora Geosciences, a Whitehorse-based geophysical firm. The surveys were done over the Cave and Kal showings between June 17th and July 2th 2011.

Two grids, each centered on one of these showings, were surveyed for gravity and ground magnetics. The ground mag survey was done in order to provide a cost-effective way to geo-reference the historical EM survey, and therefore precisely locate the conductors without having to re-do an EM survey. The goal was to select conductors worthy of being drill targets.

The lines were variably spaced. Most were 200m apart in order to increase the level of detail from the historical surveys; a few lines stepped out 400m away from the main zones. A total of 431 gravity survey points were taken; the magnetic survey totaled 21.3 line- km.

The field report describing the program is found in Appendix 3.

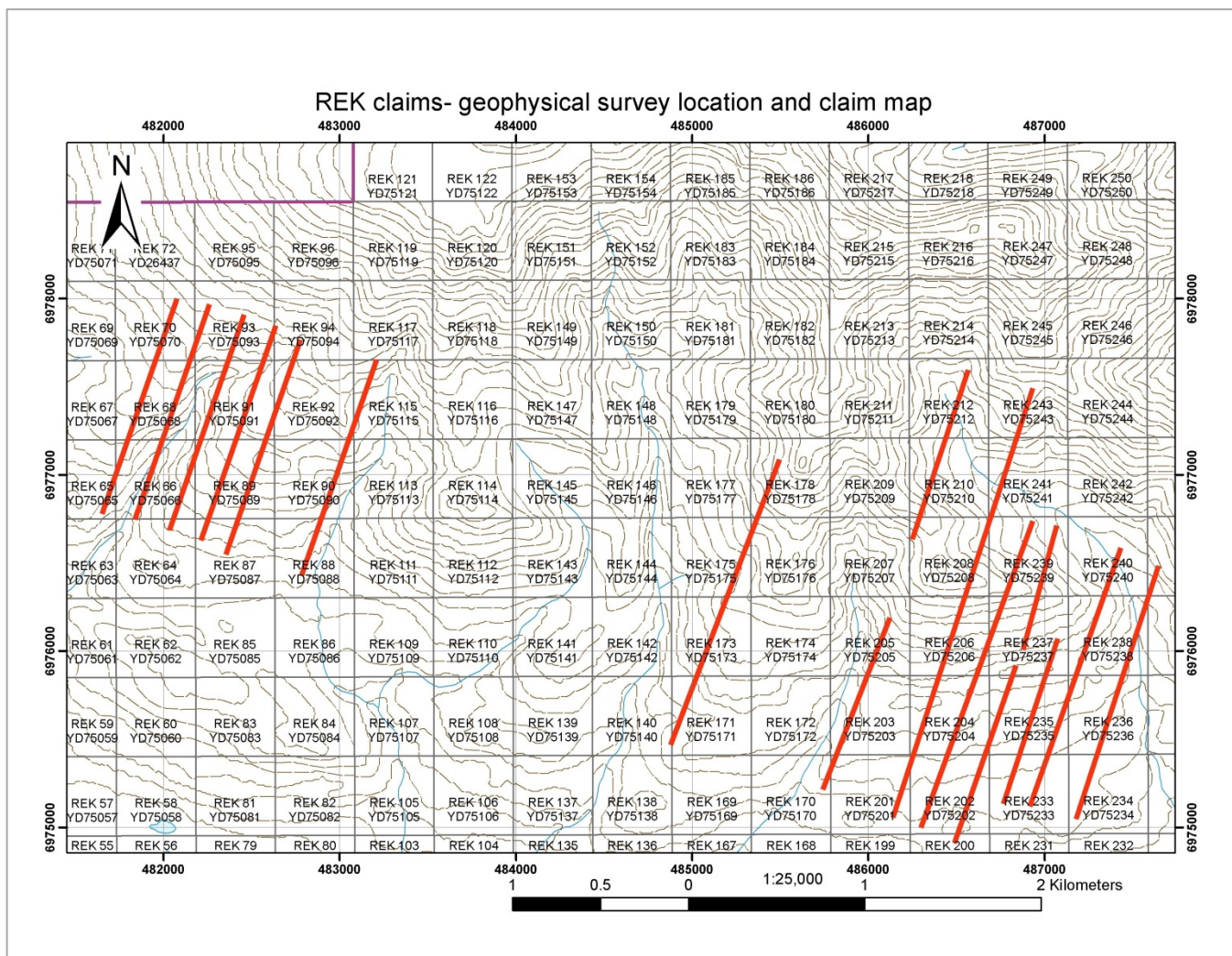
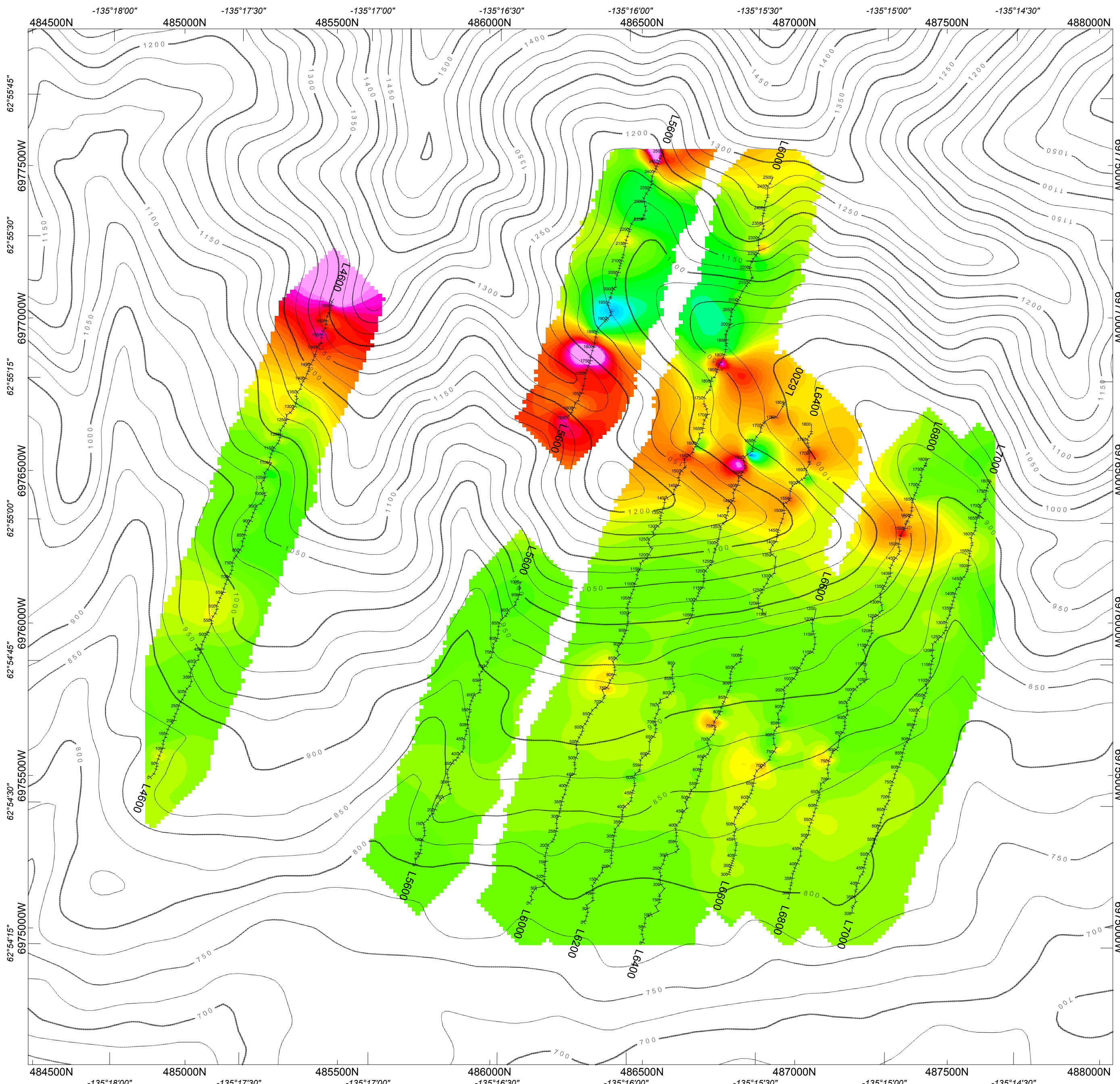


FIGURE 6 LOCATION OF 2011 SURVEY

RESULTS

The following figures display the results of the gravity and mag surveys.



LEGEND

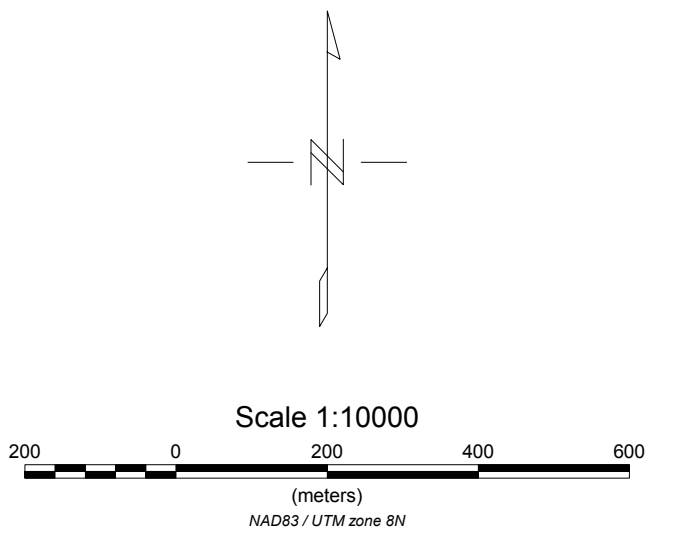
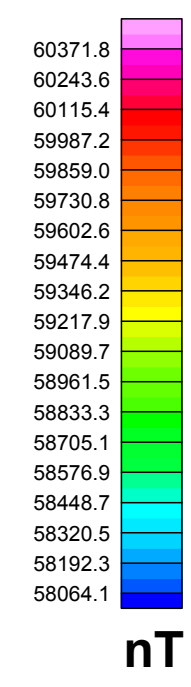
TOTAL FIELD MAGNETICS

ELEVATION CONTOUR INTERVALS (m)

—	25	—
—	50	—
—	100	—

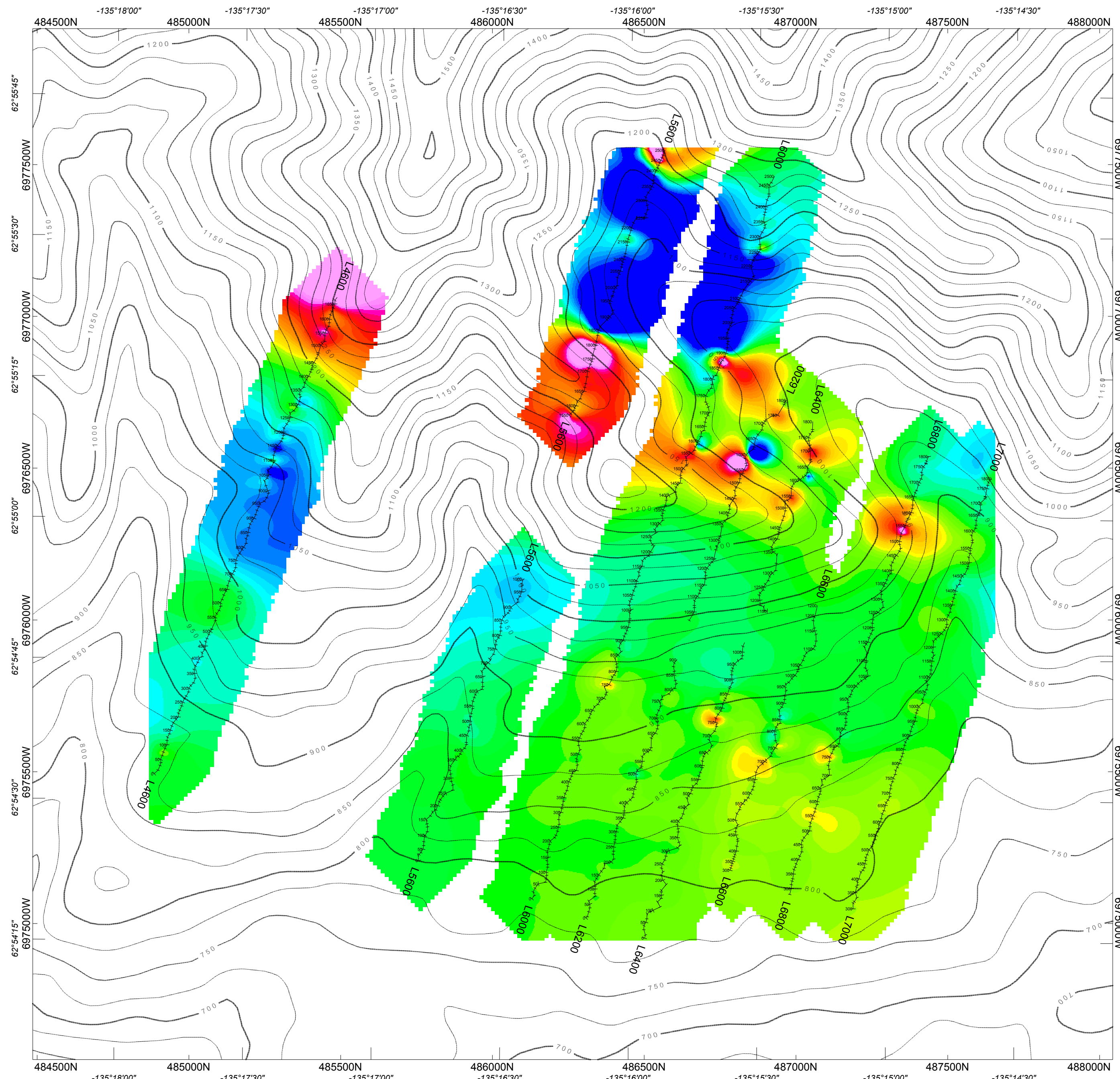
INSTRUMENT : Gem GSM-19 Magnetometers
 GRIDDING ALGORITHM : Geosoft Minimum Curvature
 GRID CELL SIZE : 12.5 m

DATA FILE : magKal2011.gdb
 OPERATORS : IK, DH
 LINE-KM SURVEYED : 13.525



FIELD

Redtail Metals Corp.
REK Property Kal Grid Total Magnetic Field Survey
YUKON TERRITORY, CANADA NTS : 115L DATE SURVEYED : June/July 2011 MAP NAME (DATE / DRAWN BY) : magKal2011.map (11-Jul-2011/IK)
AURORA GEOSCIENCES LTD.



LEGEND

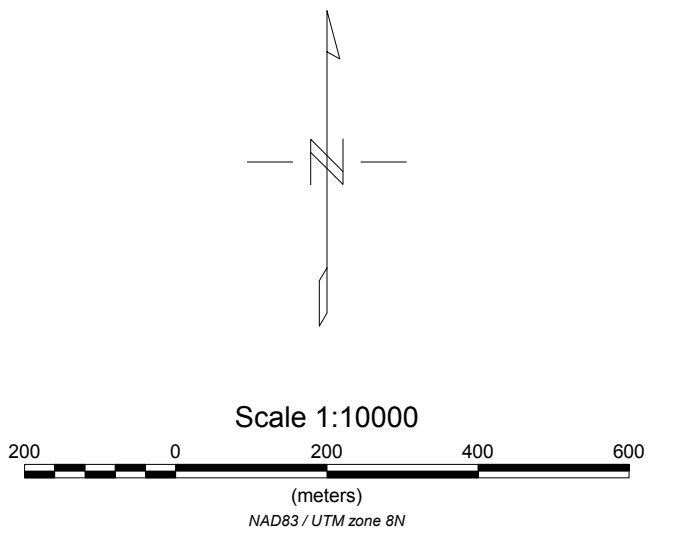
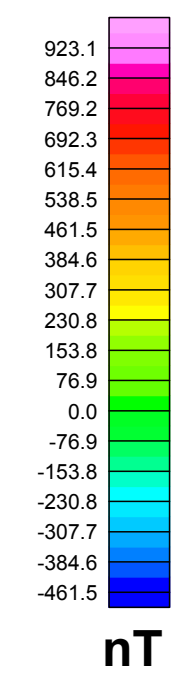
TOTAL FIELD MAGNETICS

ELEVATION CONTOUR INTERVALS (m)

25
50
100

INSTRUMENT : Gem GSM-19 Magnetometers
 GRIDDING ALGORITHM : Geosoft Minimum Curvature
 GRID CELL SIZE : 12.5 m
 POST PROCESSING FILTERS : First Order Trend Removed

DATA FILE : magKal2011.gdb
 OPERATORS : IK, DH
 LINE-KM SURVEYED : 13.525

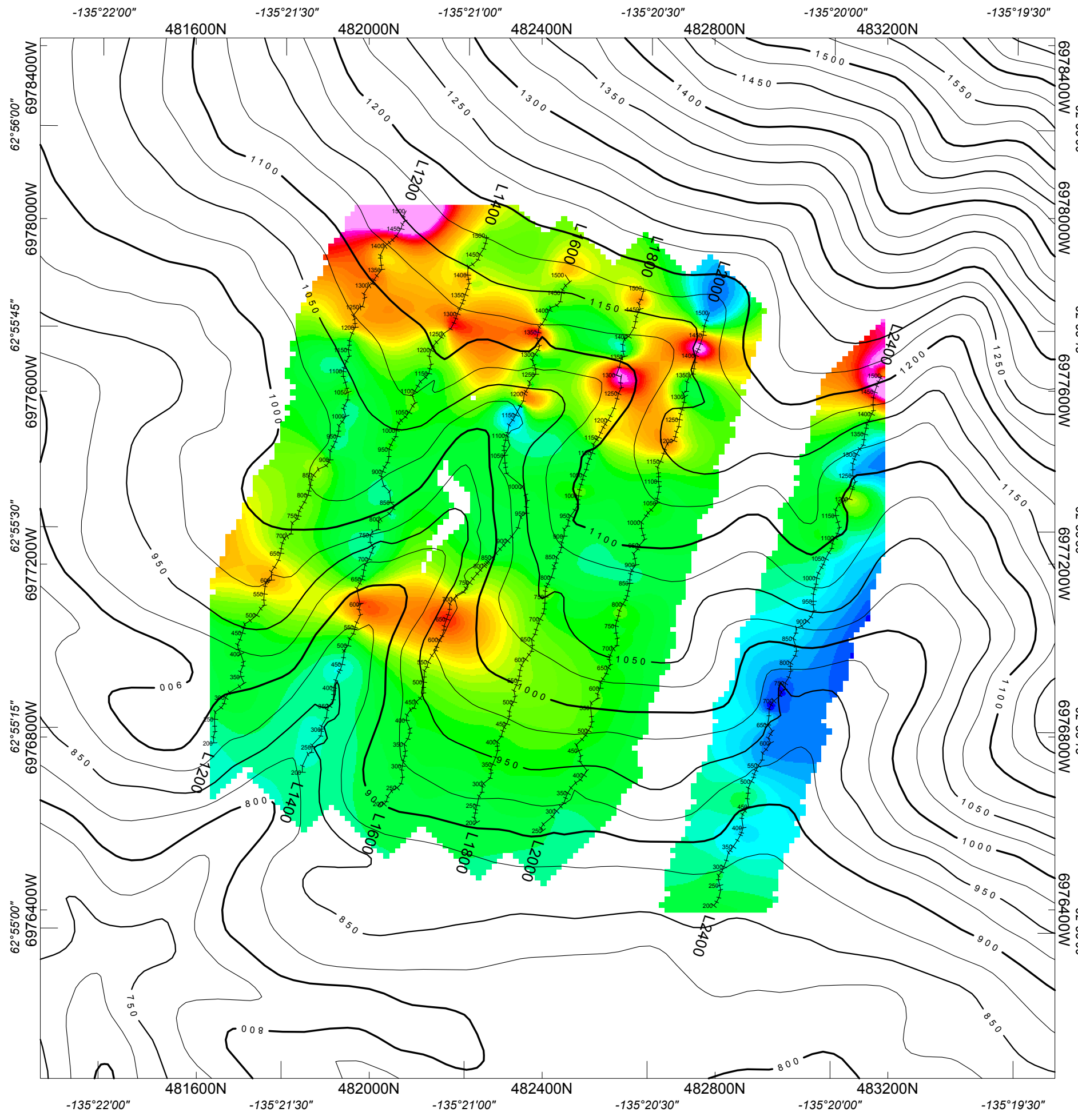


FIELD

Redtail Metals Corp.
 REK Property
 Kal Grid
Total Magnetic Field Survey with Trend Removed

YUKON TERRITORY, CANADA
 NTS : 115L
 DATE SURVEYED : June/July 2011
 MAP NAME (DATE / DRAWN BY) : magKal2011_1rst.map (11-Jul-2011/IK)

AURORA GEOSCIENCES LTD.



LEGEND

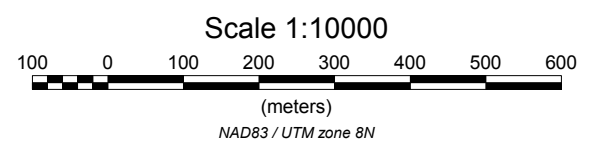
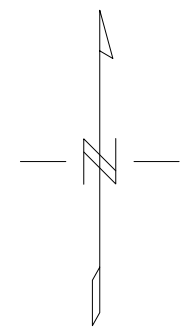
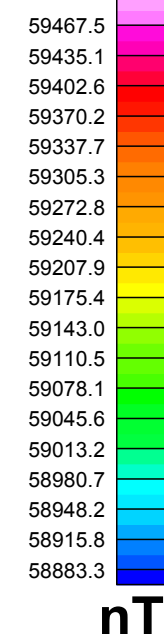
TOTAL FIELD MAGNETICS

ELEVATION CONTOUR INTERVALS (m)

25
50
100

INSTRUMENT : Gem GSM-19 Magnetometers
 GRIDDING ALGORITHM : Geosoft Minimum Curvature
 GRID CELL SIZE : 12.5 m

DATA FILE : magCave2011.gdb
 OPERATORS : IK
 LINE-KM SURVEYED : 7.8



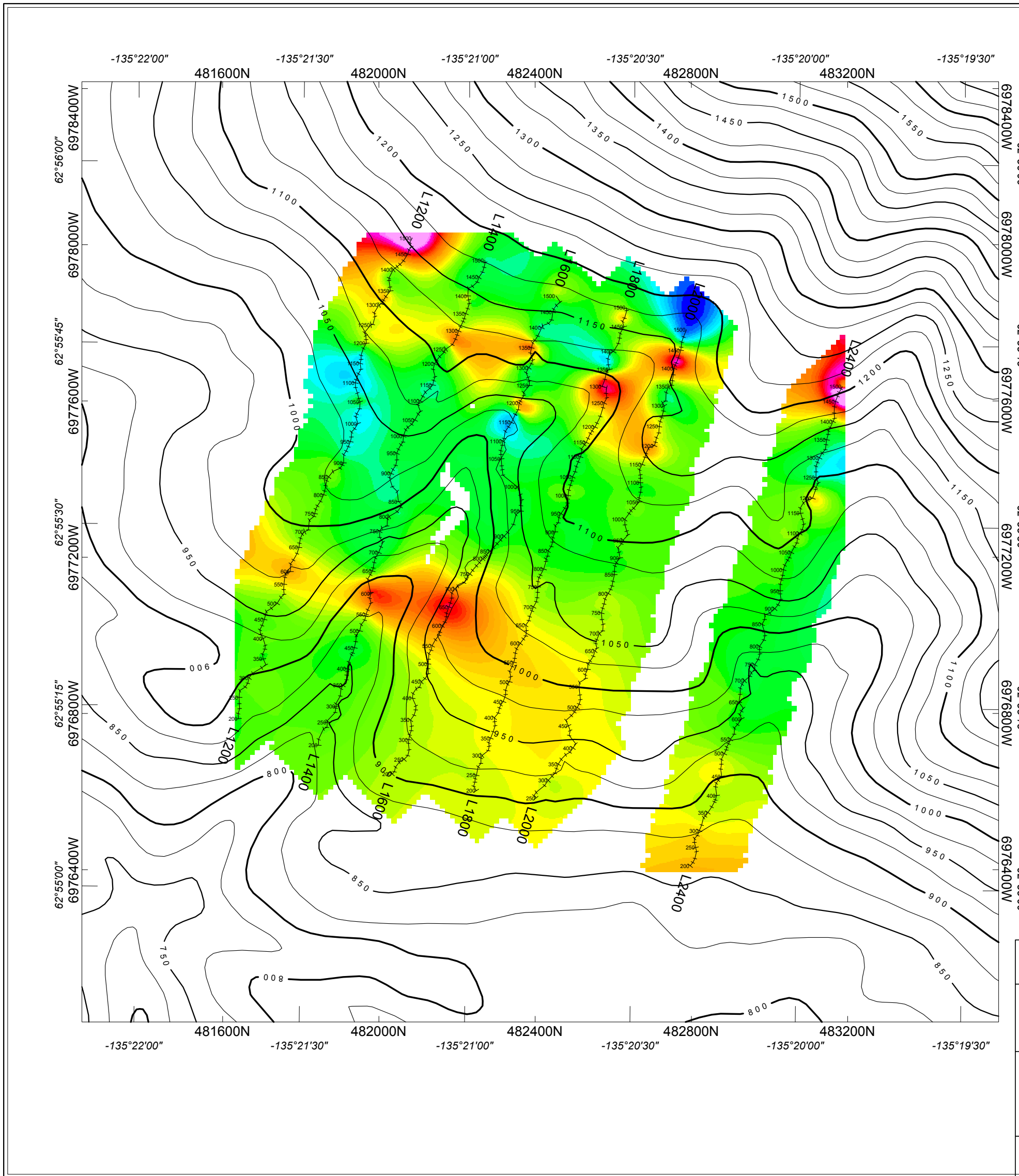
FIELD

Redtail Metals Corp.

REK Property
 Cave Grid
Total Magnetic Field Survey

YUKON TERRITORY, CANADA
 NTS : 115L
 DATE SURVEYED : June/July 2011
 MAP NAME (DATE / DRAWN BY) : magCave2011.map (11-Jul-2011/IK)

AURORA GEOSCIENCES LTD.



LEGEND

TOTAL FIELD MAGNETICS

ELEVATION CONTOUR INTERVALS (m)

_____	25	_____
_____	50	_____
_____	100	_____

INSTRUMENT : Gem GSM-19 Magnetometers

GRIDDING ALGORITHM : Geosoft Minimum Curvature

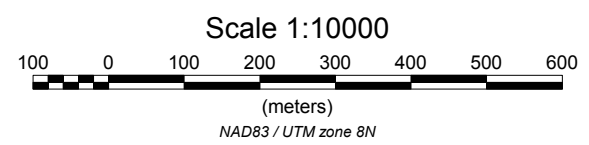
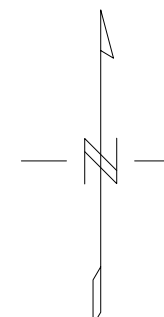
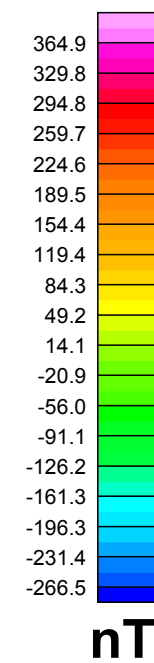
GRID CELL SIZE : 12.5 m

Post Processing Filters: First Order Trend Removed

DATA FILE : magCave2011.gdb

OPERATORS : IK

LINE-KM SURVEYED : 7.8



FIELD

Redtail Metals Corp.

REK Property
Cave Grid

Total Magnetic Field Survey with Trend Removed

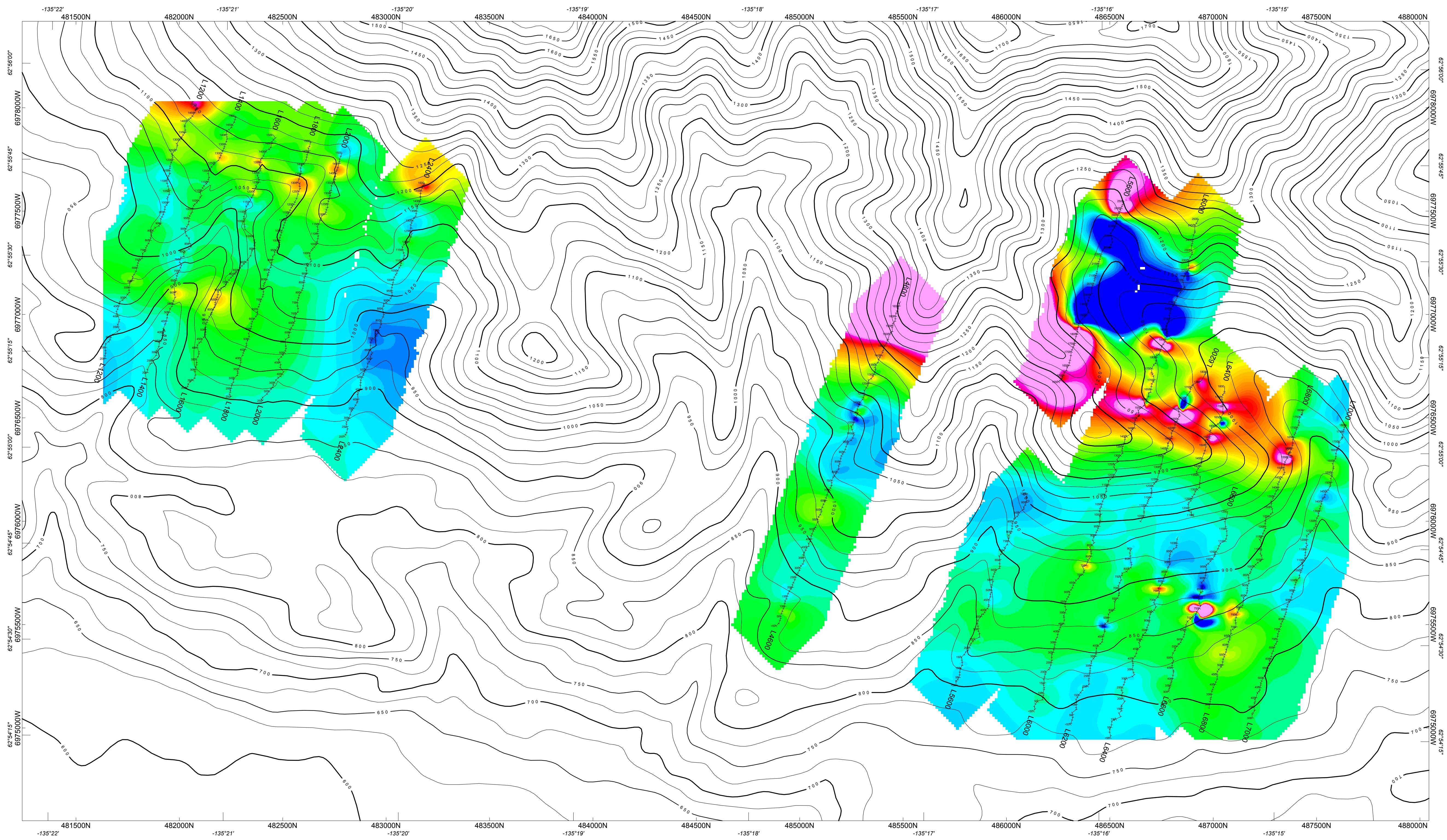
YUKON TERRITORY, CANADA

NTS : 115L

DATE SURVEYED : June/July 2011

MAP NAME (DATE / DRAWN BY) : magCave2011_1rst.map (11-Jul-2011/IK)

AURORA GEOSCIENCES LTD.



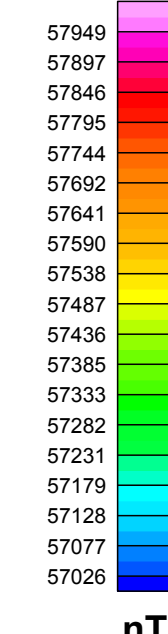
LEGEND
TOTAL FIELD MAGNETICS

ELEVATION CONTOUR INTERVALS (m)

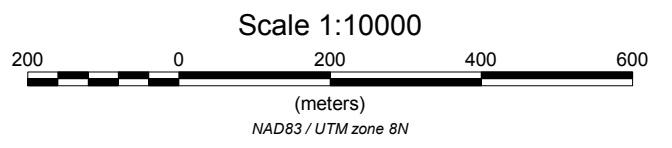
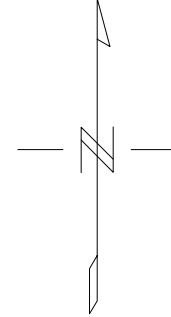
25	50	100
----	----	-----

INSTRUMENT : Gem GSM-19 Magnetometers
 GRIDDING ALGORITHM : Geosoft Minimum Curvature
 GRID CELL SIZE : 12.5 m
 POST PROCESSING FILTERS : First Order Trend Removed

DATA FILE : magREK_combined.gdb
 OPERATORS : IK, DH
 LINE-KM SURVEYED : 21.325



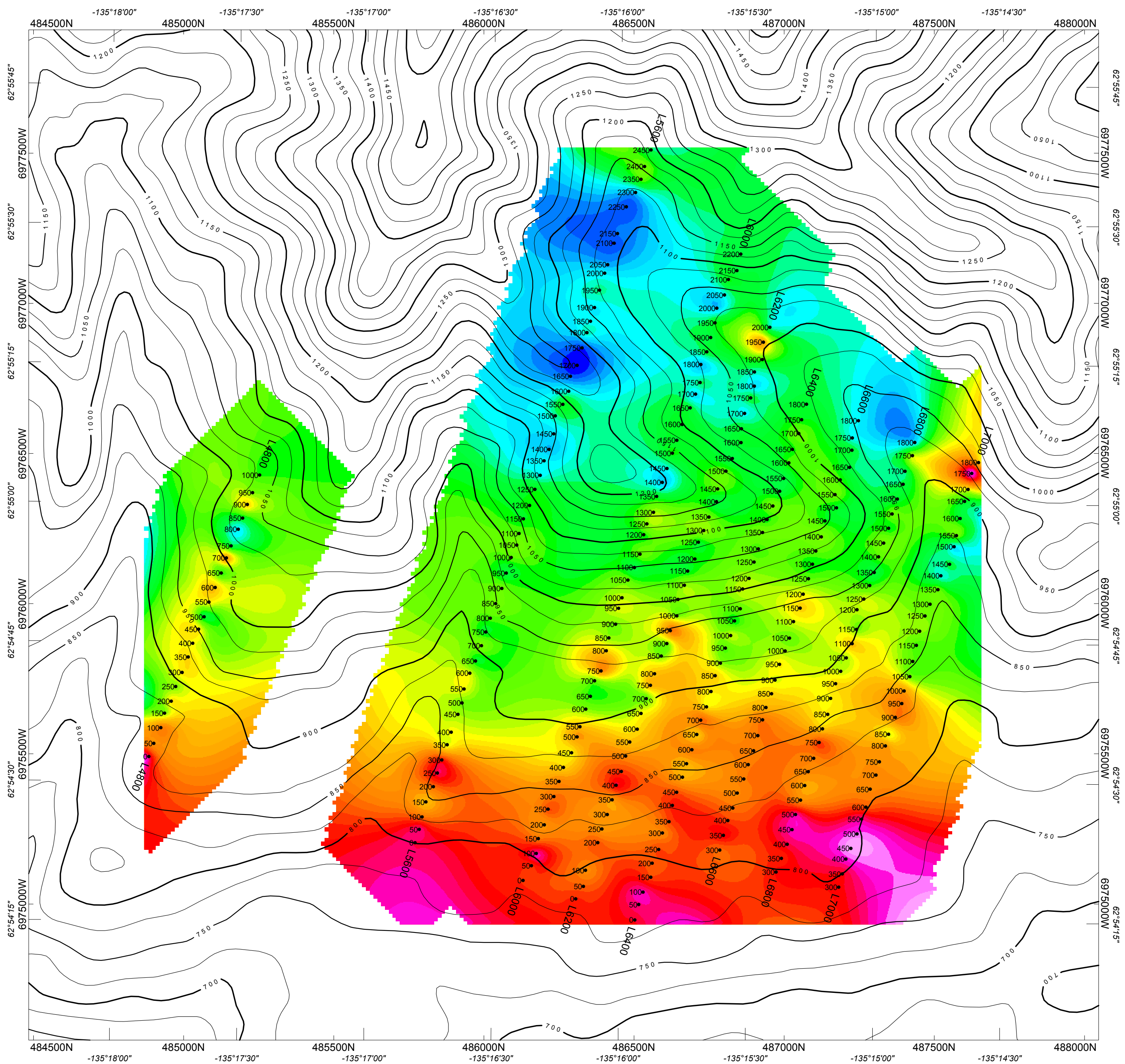
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Redtail Metals Corp.
REK Property - IGRF Levelled DATA
Total Magnetic Field Survey

YUKON TERRITORY, CANADA
 NTS : 115L
 DATE SURVEYED : June/July 2011
 MAP NAME (DATE / DRAWN BY) : magREK_combined.map (11-Jul-2011/IK)

AURORA GEOSCIENCES LTD.



LEGEND

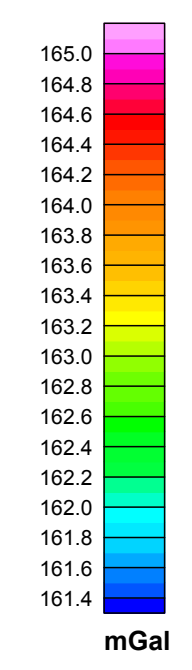
BOUGUER GRAVITY ANOMALY

CONTOUR INTERVALS (m)

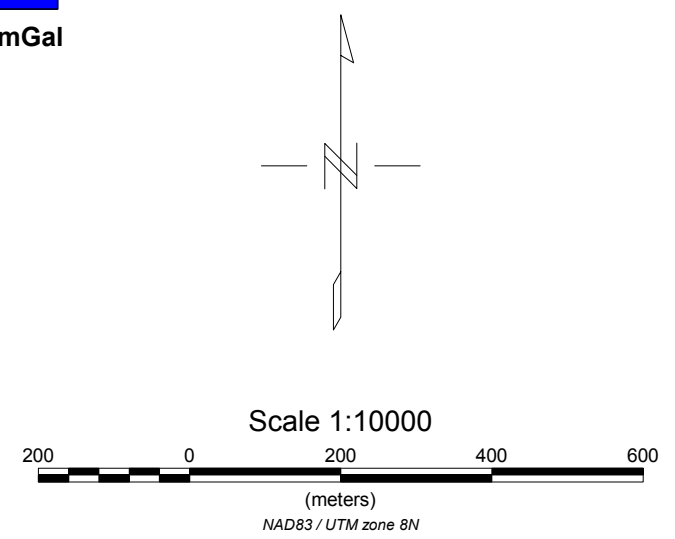
_____	25	_____
_____	50	_____
_____	100	_____

INSTRUMENT : Scintrex Autograv CG-5
 GRIDDING ALGORITHM : Minimum Curvature
 GRID CELL SIZE : 12.5 m
 CORRECTED FOR : Drift, Bouguer, Bullard-B, Free-Air,
 Bathymetric, Latitude and Topographic

DATA FILE : gravKal2011.gdb
 OPERATORS : IK, DH
 TOTAL STATIONS SURVEYED : 279



● Gravity Station



FIELD

Redtail Metals Corp.

**REK Property
 Kal Grid
 BOUGUER GRAVITY ANOMALY**

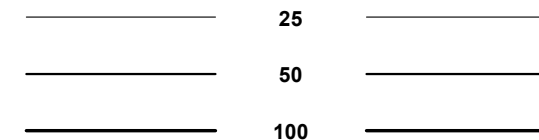
YUKON TERRITORY, CANADA
 NTS : 115L
 DATE SURVEYED : June/July 2011
 MAP NAME (DATE / DRAWN BY) : gravKal2011.map (11-Jul-2011/IK)

AURORA GEOSCIENCES LTD.

LEGEND

BOUGUER GRAVITY ANOMALY

CONTOUR INTERVALS (m)



INSTRUMENT : Scintrex Autograv CG-5

GRIDDING ALGORITHM : Minimum Curvature

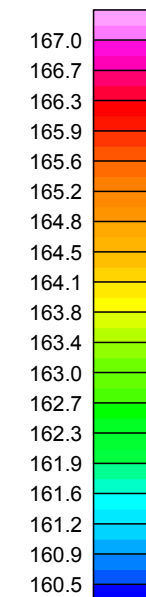
GRID CELL SIZE : 12.5 m

CORRECTED FOR : Drift, Bouguer, Bullard-B, Free-Air,
Bathymetric, Latitude and Topographic

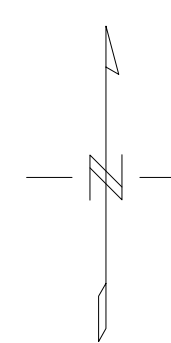
DATA FILE : gravCave2011.gdb

OPERATORS : IK

TOTAL STATIONS SURVEYED : 152



mGal



● Gravity Station

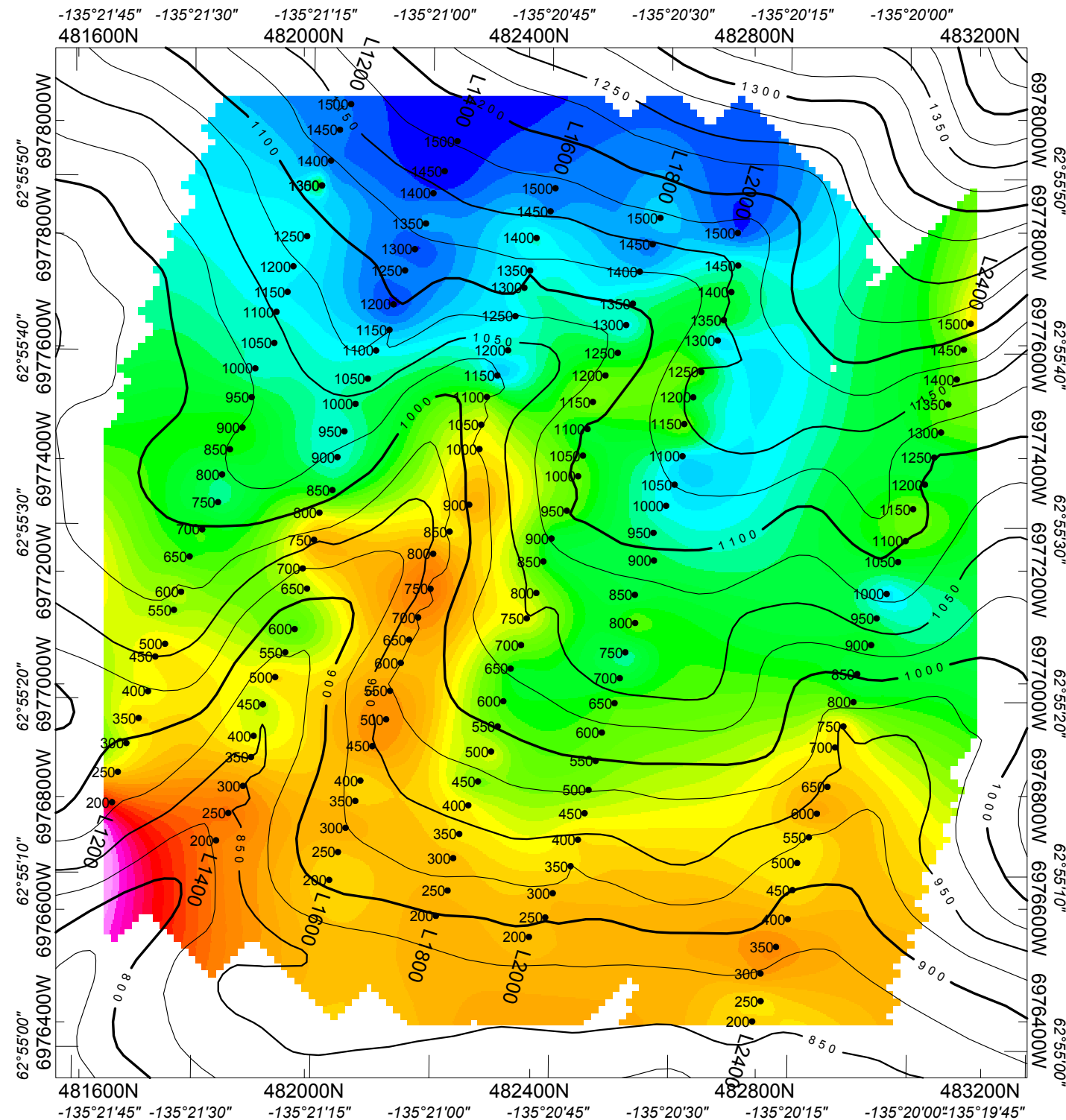
Scale 1:10000



(meters)

NAD83 / UTM zone 8N

FIELD

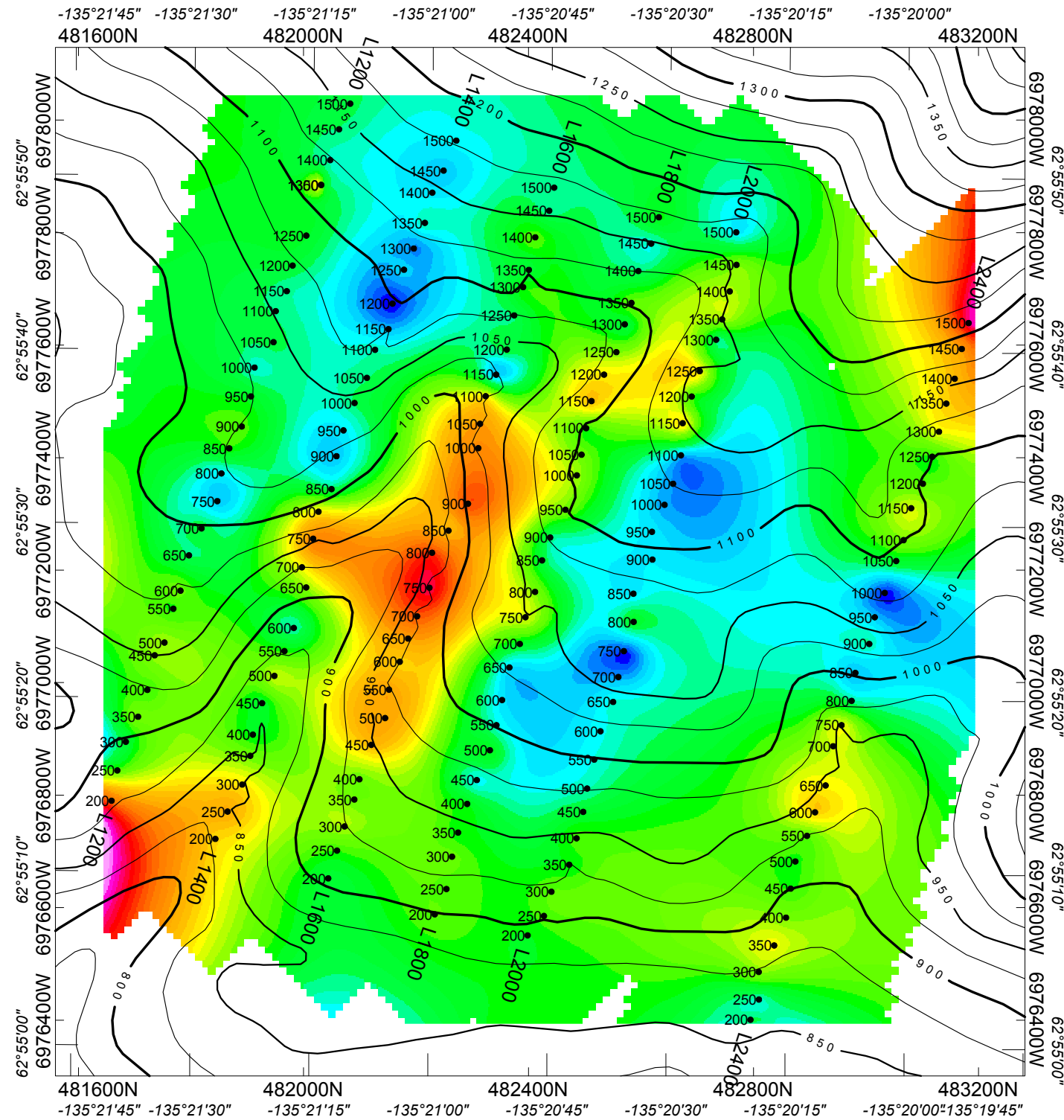


Redtail Metals Corp.

**REK Property
Cave Grid
BOUGUER GRAVITY ANOMALY**

**YUKON TERRITORY, CANADA
NTS : 115L
DATE SURVEYED : June/July 2011
MAP NAME (DATE / DRAWN BY) : gravCave2011.map (11-Jul-2011/IK)**

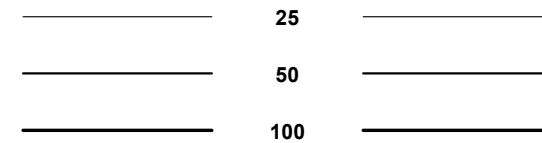
AURORA GEOSCIENCES LTD.



LEGEND

BOUGUER GRAVITY ANOMALY

CONTOUR INTERVALS (m)



INSTRUMENT : Scintrex Autograv CG-5

GRIDDING ALGORITHM : Minimum Curvature

GRID CELL SIZE : 12.5 m

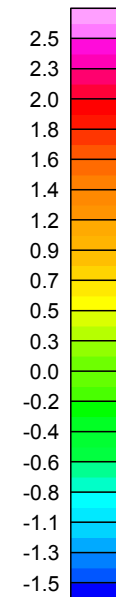
CORRECTED FOR : Drift, Bouguer, Bullard-B, Free-Air,
Bathymetric, Latitude and Topographic

POST PROCESSING FILTERS : First Order Trend Removed

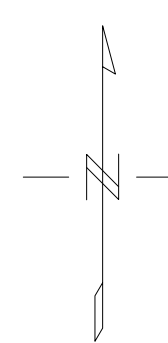
DATA FILE : gravCave2011.gdb

OPERATORS : IK

TOTAL STATIONS SURVEYED : 152



mGal



● Gravity Station

Scale 1:10000



(meters)

NAD83 / UTM zone 8N

FIELD

Redtail Metals Corp.

REK Property
Cave Grid
BOUGUER GRAVITY ANOMALY WITH TREND REMOVED

YUKON TERRITORY, CANADA
NTS : 115L
DATE SURVEYED : June/July 2011
MAP NAME (DATE / DRAWN BY) : gravCave2011_1rst.map (11-Jul-2011/IK)

AURORA GEOSCIENCES LTD.

INTERPRETATION, CONCLUSIONS AND RECOMMENDATIONS

Previous workers indicate that there is evidence of mineralization along the entire 7.5 kilometre length of the Pb-Zn soil anomaly on the REK claims. The results of the 2011 geophysical surveys were not interpreted in detail and the geo-referencing with the historical mag data has yet to be done. Although no significant gravity anomalies were detected, the Cal showing appears to have a gravity response.

This survey tested the area immediately adjacent to the showings, but budget considerations did not allow broader investigation of the stratigraphy.

A thorough interpretation of these surveys, including correlating the mag data with the historical mag data still need to be done in order to evaluate the data. More detailed mapping plus trenching in areas of sparse outcrop were recommended by previous operators. Expanding the survey would allow more thorough testing of the property. Completing the interpretation and furthering the field work will help establish valid drill targets.

REFERENCES

Digital products available on-line from the YGS: Minfile, Mapmaker, 2012

ANACONDA CANADA EXPLORATION LTD, Nov/82. Assessment Report #091393 by R.D. Hall.

BLACKSTONE RESOURCES LTD, Mar/97. Assessment Report #093595 by D.A. Caulfield and J. Weber.

BLACKSTONE RESOURCES LTD, Feb/97. Assessment Report #093618 by D.A. Caulfield and J. Weber.

BLACKSTONE RESOURCES LTD, Feb/98. Assessment Report #093755 by M.I. Jones.

BLACKSTONE RESOURCES LTD, 21 Jun/96, 21 Sep/96, 10 Jun/97, 14 Aug/97. News Release.

BUTTERWORTH, B.P. and JONES, M., Geology and mineralization on the Dromedary property, central Yukon. In: Yukon Exploration and Geology 1997, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 121-124.

DROMEDARY EXPLORATION COMPANY LTD, Mar/90. Assessment Report #092850 by H.J. Keyser.

DROMEDARY EXPLORATION COMPANY LTD, Nov/92. Assessment Report #093048 by H.J. Keyser.

ENERGOLD MINERALS INC., Dec/93. Assessment Report #093148 by H. Sellmer and R. Zuran.

STATEMENT OF QUALIFICATIONS

I, Danièle Héon, of:

12 Marigold Place
Whitehorse, YT
Y1A 6A2

hereby certify that:

1. I am a geologist with Redtail Metals Corp, with head office address at 11th floor, 888 Dunsmuir, Vancouver, B.C.
2. I am a graduate of McGill University, Montréal, Québec, with a degree in geology (B.Sc., 1983) and have been involved in geology and mineral exploration in Canada since 1979 and in the Yukon since 1990.
3. I am registered as a professional geoscientist with the Ordre des Géologues du Québec (no. 1510).
4. I am a member of the Yukon Chamber of Mines and of the Society of Economic Geology.
5. I am the author of this report on the REK claims but have not personally visited the property.
6. This report is intended to satisfy assessment requirements only.

Signed:

Danièle Héon, B.Sc. P.Geo.

Date: July 18 2012

APPENDIX 1 - CLAIM DATA

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	OperationRecordingDate	StakingDate	Claim Expiry Date	NTS Map Number	Years to Renew	Renew to Date
Mayo	YD26439	Quartz	REK	1	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD26438	Quartz	REK	2	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75003	Quartz	REK	3	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75004	Quartz	REK	4	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75005	Quartz	REK	5	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75006	Quartz	REK	6	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75007	Quartz	REK	7	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75008	Quartz	REK	8	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75009	Quartz	REK	9	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75010	Quartz	REK	10	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75011	Quartz	REK	11	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75012	Quartz	REK	12	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75013	Quartz	REK	13	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75014	Quartz	REK	14	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75015	Quartz	REK	15	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75016	Quartz	REK	16	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75017	Quartz	REK	17	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75018	Quartz	REK	18	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75019	Quartz	REK	19	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75020	Quartz	REK	20	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
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Mayo	YD75022	Quartz	REK	22	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75023	Quartz	REK	23	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75024	Quartz	REK	24	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75025	Quartz	REK	25	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75026	Quartz	REK	26	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75027	Quartz	REK	27	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75028	Quartz	REK	28	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75029	Quartz	REK	29	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75030	Quartz	REK	30	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75031	Quartz	REK	31	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	OperationRecordingDate	StakingDate	Claim Expiry Date	NTS Map Number	Years to Renew	Renew to Date
Mayo	YD75032	Quartz	REK	32	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75033	Quartz	REK	33	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75034	Quartz	REK	34	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75035	Quartz	REK	35	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75036	Quartz	REK	36	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75037	Quartz	REK	37	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75038	Quartz	REK	38	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75039	Quartz	REK	39	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75040	Quartz	REK	40	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75041	Quartz	REK	41	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75042	Quartz	REK	42	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75043	Quartz	REK	43	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75044	Quartz	REK	44	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75045	Quartz	REK	45	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75046	Quartz	REK	46	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75047	Quartz	REK	47	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75048	Quartz	REK	48	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75049	Quartz	REK	49	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
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Mayo	YD75051	Quartz	REK	51	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
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Mayo	YD75053	Quartz	REK	53	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75054	Quartz	REK	54	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75055	Quartz	REK	55	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75056	Quartz	REK	56	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75057	Quartz	REK	57	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75058	Quartz	REK	58	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75059	Quartz	REK	59	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75060	Quartz	REK	60	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75061	Quartz	REK	61	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75062	Quartz	REK	62	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	OperationRecordingDate	StakingDate	Claim Expiry Date	NTS Map Number	Years to Renew	Renew to Date
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Mayo	YD75064	Quartz	REK	64	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75065	Quartz	REK	65	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75066	Quartz	REK	66	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75067	Quartz	REK	67	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75068	Quartz	REK	68	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75069	Quartz	REK	69	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75070	Quartz	REK	70	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75071	Quartz	REK	71	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD26437	Quartz	REK	72	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75073	Quartz	REK	73	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75074	Quartz	REK	74	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75075	Quartz	REK	75	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75076	Quartz	REK	76	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75077	Quartz	REK	77	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75078	Quartz	REK	78	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75079	Quartz	REK	79	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75080	Quartz	REK	80	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75081	Quartz	REK	81	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75082	Quartz	REK	82	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75083	Quartz	REK	83	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75084	Quartz	REK	84	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75085	Quartz	REK	85	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75086	Quartz	REK	86	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75087	Quartz	REK	87	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75088	Quartz	REK	88	Redtail Metals Corp. - 100%	25/03/2011	10/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75089	Quartz	REK	89	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75090	Quartz	REK	90	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75091	Quartz	REK	91	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75092	Quartz	REK	92	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75093	Quartz	REK	93	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013

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Mayo	YD75094	Quartz	REK	94	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75095	Quartz	REK	95	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75096	Quartz	REK	96	Redtail Metals Corp. - 100%	25/03/2011	11/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75097	Quartz	REK	97	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75098	Quartz	REK	98	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75099	Quartz	REK	99	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75100	Quartz	REK	100	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75101	Quartz	REK	101	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75102	Quartz	REK	102	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75103	Quartz	REK	103	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75104	Quartz	REK	104	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75105	Quartz	REK	105	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75106	Quartz	REK	106	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75107	Quartz	REK	107	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75108	Quartz	REK	108	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75109	Quartz	REK	109	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75110	Quartz	REK	110	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75111	Quartz	REK	111	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75112	Quartz	REK	112	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75113	Quartz	REK	113	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75114	Quartz	REK	114	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75115	Quartz	REK	115	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75116	Quartz	REK	116	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75117	Quartz	REK	117	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75118	Quartz	REK	118	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75119	Quartz	REK	119	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75120	Quartz	REK	120	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75121	Quartz	REK	121	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75122	Quartz	REK	122	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75123	Quartz	REK	123	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75124	Quartz	REK	124	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013

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Mayo	YD75125	Quartz	REK	125	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75126	Quartz	REK	126	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75127	Quartz	REK	127	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75128	Quartz	REK	128	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75129	Quartz	REK	129	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75130	Quartz	REK	130	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75131	Quartz	REK	131	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75132	Quartz	REK	132	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75133	Quartz	REK	133	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75134	Quartz	REK	134	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75135	Quartz	REK	135	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75136	Quartz	REK	136	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75137	Quartz	REK	137	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75138	Quartz	REK	138	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75139	Quartz	REK	139	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75140	Quartz	REK	140	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75141	Quartz	REK	141	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75142	Quartz	REK	142	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75143	Quartz	REK	143	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75144	Quartz	REK	144	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75145	Quartz	REK	145	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75146	Quartz	REK	146	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75147	Quartz	REK	147	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75148	Quartz	REK	148	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75149	Quartz	REK	149	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75150	Quartz	REK	150	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75151	Quartz	REK	151	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75152	Quartz	REK	152	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75153	Quartz	REK	153	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75154	Quartz	REK	154	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75155	Quartz	REK	155	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013

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Mayo	YD75156	Quartz	REK	156	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75157	Quartz	REK	157	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75158	Quartz	REK	158	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75159	Quartz	REK	159	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75160	Quartz	REK	160	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75161	Quartz	REK	161	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75162	Quartz	REK	162	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75163	Quartz	REK	163	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75164	Quartz	REK	164	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75165	Quartz	REK	165	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75166	Quartz	REK	166	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75167	Quartz	REK	167	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75168	Quartz	REK	168	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75169	Quartz	REK	169	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75170	Quartz	REK	170	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75171	Quartz	REK	171	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75172	Quartz	REK	172	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75173	Quartz	REK	173	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75174	Quartz	REK	174	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75175	Quartz	REK	175	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75176	Quartz	REK	176	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75177	Quartz	REK	177	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75178	Quartz	REK	178	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75179	Quartz	REK	179	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75180	Quartz	REK	180	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75181	Quartz	REK	181	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75182	Quartz	REK	182	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75183	Quartz	REK	183	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75184	Quartz	REK	184	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75185	Quartz	REK	185	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75186	Quartz	REK	186	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013

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Mayo	YD75187	Quartz	REK	187	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75188	Quartz	REK	188	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75189	Quartz	REK	189	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75190	Quartz	REK	190	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75191	Quartz	REK	191	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75192	Quartz	REK	192	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75193	Quartz	REK	193	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75194	Quartz	REK	194	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75195	Quartz	REK	195	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75196	Quartz	REK	196	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75197	Quartz	REK	197	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75198	Quartz	REK	198	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75199	Quartz	REK	199	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75200	Quartz	REK	200	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75201	Quartz	REK	201	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75202	Quartz	REK	202	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75203	Quartz	REK	203	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75204	Quartz	REK	204	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75205	Quartz	REK	205	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75206	Quartz	REK	206	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75207	Quartz	REK	207	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75208	Quartz	REK	208	Redtail Metals Corp. - 100%	25/03/2011	12/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75209	Quartz	REK	209	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75210	Quartz	REK	210	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75211	Quartz	REK	211	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75212	Quartz	REK	212	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75213	Quartz	REK	213	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75214	Quartz	REK	214	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75215	Quartz	REK	215	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75216	Quartz	REK	216	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75217	Quartz	REK	217	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	OperationRecordingDate	StakingDate	Claim Expiry Date	NTS Map Number	Years to Renew	Renew to Date
Mayo	YD75218	Quartz	REK	218	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75219	Quartz	REK	219	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75220	Quartz	REK	220	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75221	Quartz	REK	221	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75222	Quartz	REK	222	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75223	Quartz	REK	223	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75224	Quartz	REK	224	Redtail Metals Corp. - 100%	25/03/2011	13/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75225	Quartz	REK	225	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75226	Quartz	REK	226	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75227	Quartz	REK	227	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75228	Quartz	REK	228	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75229	Quartz	REK	229	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75230	Quartz	REK	230	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75231	Quartz	REK	231	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75232	Quartz	REK	232	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75233	Quartz	REK	233	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75234	Quartz	REK	234	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75235	Quartz	REK	235	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75236	Quartz	REK	236	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75237	Quartz	REK	237	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75238	Quartz	REK	238	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75239	Quartz	REK	239	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75240	Quartz	REK	240	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75241	Quartz	REK	241	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75242	Quartz	REK	242	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75243	Quartz	REK	243	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75244	Quartz	REK	244	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75245	Quartz	REK	245	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75246	Quartz	REK	246	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75247	Quartz	REK	247	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75248	Quartz	REK	248	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013

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Mayo	YD75249	Quartz	REK	249	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75250	Quartz	REK	250	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75251	Quartz	REK	251	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75252	Quartz	REK	252	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75253	Quartz	REK	253	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75254	Quartz	REK	254	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75255	Quartz	REK	255	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75256	Quartz	REK	256	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75257	Quartz	REK	257	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75258	Quartz	REK	258	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75259	Quartz	REK	259	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75260	Quartz	REK	260	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75261	Quartz	REK	261	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75262	Quartz	REK	262	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75263	Quartz	REK	263	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75264	Quartz	REK	264	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75265	Quartz	REK	265	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75266	Quartz	REK	266	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75267	Quartz	REK	267	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75268	Quartz	REK	268	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75269	Quartz	REK	269	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75270	Quartz	REK	270	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75271	Quartz	REK	271	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75272	Quartz	REK	272	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75273	Quartz	REK	273	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75274	Quartz	REK	274	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75275	Quartz	REK	275	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75276	Quartz	REK	276	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75277	Quartz	REK	277	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75278	Quartz	REK	278	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75279	Quartz	REK	279	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	OperationRecordingDate	StakingDate	Claim Expiry Date	NTS Map Number	Years to Renew	Renew to Date
Mayo	YD75280	Quartz	REK	280	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75281	Quartz	REK	281	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75282	Quartz	REK	282	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75283	Quartz	REK	283	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75284	Quartz	REK	284	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75285	Quartz	REK	285	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75286	Quartz	REK	286	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75287	Quartz	REK	287	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75288	Quartz	REK	288	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75289	Quartz	REK	289	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75290	Quartz	REK	290	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75291	Quartz	REK	291	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75292	Quartz	REK	292	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75293	Quartz	REK	293	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75294	Quartz	REK	294	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75295	Quartz	REK	295	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75296	Quartz	REK	296	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75297	Quartz	REK	297	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75298	Quartz	REK	298	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75299	Quartz	REK	299	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75300	Quartz	REK	300	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75301	Quartz	REK	301	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD75302	Quartz	REK	302	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD26463	Quartz	REK	303	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD26464	Quartz	REK	304	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD26465	Quartz	REK	305	Redtail Metals Corp. - 100%	25/03/2011	14/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD26466	Quartz	REK	306	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD26467	Quartz	REK	307	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD26468	Quartz	REK	308	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD26469	Quartz	REK	309	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD26470	Quartz	REK	310	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013

District	Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	OperationRecordingDate	StakingDate	Claim Expiry Date	NTS Map Number	Years to Renew	Renew to Date
Mayo	YD26471	Quartz	REK	311	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD26472	Quartz	REK	312	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD26473	Quartz	REK	313	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD26474	Quartz	REK	314	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD26475	Quartz	REK	315	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD26476	Quartz	REK	316	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD26477	Quartz	REK	317	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD26478	Quartz	REK	318	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD26479	Quartz	REK	319	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
Mayo	YD26480	Quartz	REK	320	Redtail Metals Corp. - 100%	25/03/2011	15/03/2011	25/03/2012	105L14	1	25/03/2013
											TOTAL

APPENDIX 2- MINFILE DESCRIPTION

MINFILE#: 105L 037

UPDATED: 2002-12-04

PRIMARY NAME: MCARTHUR

DEPOSIT TYPE: Sedimentary Exhalative Zn-Pb-Ag (Sedex)

STATUS: PROSPECT

TECTONIC ELEMENT: ANCESTRAL NORTH AMERICA

NTS MAP SHEET: 105L\14

LATITUDE: 62° 55' 23"

LONGITUDE: 135° 21' 2"

OTHER NAME(S): CAVE

MAJOR COMMODITIES: LEAD, SILVER, ZINC

MINOR COMMODITIES:

TRACE COMMODITIES: GOLD

CLAIMS(PREVIOUS & CURRENT)

DMC, DMC, DMC, DMC, KAL

WORK HISTORY

Discovered in 1970 by United Keno Exploration Ltd (United Keno Hill Mines Ltd, Falconbridge Nickel Mines Ltd, Canadian Superior Exploration Ltd), which carried out detailed geological mapping in 1972.

Originally staked as part of Kal cl 1-292 (YA43615) between April to Sep/81 by Anaconda Canada Exploration Ltd following airborne magnetometer and EM surveying. The company staked Bum cl 1-32 (YA43696) adjoining the northwest corner of the Kal group in Apr/81. Anaconda carried out geological mapping, geochemical and geophysical surveying of both claim groups in 1982 and added Bum cl 33-106 (YA76589) in July that year. Anaconda's interest was transferred to Fleck Minerals Inc in 1985, which allowed the Kal claims to lapse. The remaining Bum cl 1-32 were optioned to Dromedary Exploration Company Ltd in Jun/88.

Dromedary restaked this occurrence as DMC cl 19-36 (YB02819) in Sep/88 and carried out geological mapping, geochemical sampling and hand trenching the following year. Dromedary also staked DMC cl 1-18 (YB02749) and DMC cl 41-44 (YB02841) 5 km to the southeast (Minfile Occurrence # 105L 054) during 1988. Dromedary carried out a small hand trenching program on the DMC 27, 28 and 33 claims in 1992.

In Aug/93 the DMC claims were optioned to Energold Minerals Inc, which carried out auger sampling, magnetometer surveying and geological mapping that year.

In 1995 G. Carlson acquired 100% interest in the DMC claims from Fleck Minerals and in Jun/96 Carlson optioned the claims to Blackstone Resources Inc which carried out limited geochemical rock sampling that year. Blackstone staked DMC cl 37-155 (YB80838) in Jun/97 surrounding both of the

original DMC claim groups forming one contiguous block of claims. In Jul/97 the company carried out geological mapping, prospecting and geochemical rock and soil sampling between the existing grid lines in the area.

GEOLOGY

Sphalerite and argentiferous galena occur with pyrite, pyrrhotite and massive and nodular barite in fine-grained, hornfelsed turbidites of the lower Devonian to Mississippian Earn Group, which are thrust over calcareous muscovite phyllite/siltstone and wavy banded limestone of the Cambrian to Ordovician Ketchika Group. The two showings on this property are located on the southwest flank of Kalzas Mountain. The Dromedary Mountain occurrence (Minfile Occurrence #105L 051) occurs at the same stratigraphic level, 27 km to the east.

The Cave showing is exposed in a creek canyon and consists of pods, bands and disseminations of pyrrhotite, pyrite, galena and sphalerite with small quartz-galena-sphalerite veins cross-cutting stratigraphy. Multiple zones of stratabound mineralization exists within a series of thinly interbedded, calcareous sandstone and fossiliferous, silty shales. Irregular quartz veinlets up to 8 cm thick contain fine pyrite, pyrrhotite, galena and sphalerite stringers. A float boulder sampled in 1984 assayed 18.2% Zn, 0.64% Pb and 12.8 g/t Ag. Chip sampling in 1988 returned values up to 0.64% Pb, 18.17% Zn and 12.8 g/t Ag over 35 cm.

Soil sampling in 1988 outlined coincident lead-zinc-silver anomalies which although discontinuous, extend over a strike length of 7.5 km and cover both the Cave and Kal (Minfile Occurrence #105L 054) showings. Within the 7.5 km anomalous area, further sampling with a hand auger in 1992 outlined a stronger 1 km long anomaly with values up to 5 728 ppm Pb. Samples from hand trench 92-1 located 550 m east-southeast of the Cave showing contained up to 7 395 ppm Pb and 4 504 ppm Zn over a 0.6 m interval of rusty weathering shale and siltstone.

In 1996 Blackstone Resources collected a 2 m composite grab sample from the Cave showing. The sample returned 1.33% Pb, 1.47% Zn and 15.2 g/t Ag. Work in 1997 identified several zones of mineralized float and a new showing along the anomalous trend that are characterized by iron sulfide mineralization, carbonate porphyroblasts, manganese oxide staining and hematitic weathering associated with fossiliferous strata. The Gully Showing, located about halfway between the Kal and Cave showings, returned up to 5.35% Pb and 5.83% Zn from grab samples and 1.2% Pb and 0.6% Zn over 1.0 m from chip sampling.

REFERENCES

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MINFILE#: 105L 051

UPDATED: 2002-02-26

PRIMARY NAME: DROMEDARY

DEPOSIT TYPE: W Skarn

STATUS: DRILLED PROSPECT

TECTONIC ELEMENT: ANCESTRAL NORTH AMERICA

NTS MAP SHEET: 105L\15

LATITUDE: 62° 53' 53"

LONGITUDE: 134° 41' 10"

OTHER NAME(S):

MAJOR COMMODITIES: BARITE, LEAD, SILVER, ZINC

MINOR COMMODITIES: ARSENIC, COPPER, TUNGSTEN

TRACE COMMODITIES:

CLAIMS(PREVIOUS & CURRENT)

ACE, EARN, KING, NORA

WORK HISTORY

Originally staked as Ace cl 1-192 (YA52055), covering Dromedary Mountain, in Sep/80 by Anaconda Canada Exploration Ltd following regional silt sampling and airborne magnetometer and EM surveying. In Oct/80 Anaconda staked Ace cl 193-504 (YA52251) to surround the original claim block, extending it to the northwest and southeast and added Earn cl 1-2 (YA59031) at the same time, 18.5 km to the southeast at Earn Lake, probably to cover their camp location. Anaconda staked Ace cl 505-724 (YA59089) in Dec/80 to form a contiguous block of claims covering 27.5 km of strike length from Earn Lake to the west of Dromedary Mountain. The company added Earn cl 3-4 (YA59309) by the camp location at the same time in Dec/80.

Airborne magnetometer and EM surveying was carried out over an area approximately three times the size of the Ace claim group between February and Mar/81 prompting Anaconda to stake Clare cl 1-64 (YA59696) and Bush cl 1-32 (YA59895) contiguously to the west and north of the Ace claim group, respectively, in Apr/81. Anaconda established a line grid over the west central (including this occurrence) and the southeastern portions of the Ace claim group and carried out geochemical soil sampling, Max-Min EM surveying and detailed geological mapping of the gridded areas and regional scale geological mapping elsewhere in the claim block and drilled 10 holes (1 900 m) during the summer of 1981. Grid development followed by Max-Min EM and magnetometer surveying of the Bush claims was carried out in the spring of 1982.. During May to Oct/82, Anaconda carried out property wide grid geochemical soil sampling, geological mapping, geophysical surveying and staked Ace cl 719B-754 (YA74825), Clare cl 65B-76 (YA74841) and Bush cl 33-48 (YA74809 in Jul/82 contiguous with the existing claim block. In 1983 Anaconda carried out additional geological mapping, soil geochemical sampling and geophysical surveying within the claim group.

Anaconda's interest was transferred in 1985 to Fleck Minerals Inc, which optioned the property to Dromedary Exploration Company Ltd in Jun/88. Dromedary staked Nora cl 1-12 (YB26763) and Nora cl 13-34 (YB26775) contiguously to the north and south, respectively, in Sep/89 and drilled 2 holes (434 m) 7 km to the west on the Francois grid (Minfile Occurrence #105L 031) in 1990.

G. Carlson, a principal in Dromedary, took over the option from Fleck and in turn optioned the Ace and Nora claims to Energold Minerals Inc in 1993. Energold carried out auger sampling, magnetometer surveying and geological mapping between the existing grid lines and over this showing in Aug/93. In Sep/93, the Nora claims were transferred to Fleck Minerals Inc.

In 1995 G. Carlson acquired 100% interest in the Ace and Nora claims from Fleck Minerals. In Jun/96 Carlson optioned the property to Blackstone Resources Inc which drilled 4 holes (734.8 m) to test various coincident geophysical targets on the Francois grid. Blackstone staked King cl 1-16 (YB96649) 4 km to the southeast in Oct/96.

In Jun/97 Blackstone optioned the property to Geologix Exploration Inc which carried out prospecting, geological mapping and rock and soil geochemical sampling on the King claims. In Jul/97 Blackstone staked King cl 17-20 (YC07965) to cover fractions left during staking in 1996.

GEOLOGY

The claims are underlain by a southwest-dipping sequence of Proterozoic to Paleozoic-Triassic (?) strata cut by northwest-trending normal faults and intruded by Cretaceous andesitic sub-volcanic plugs and granodiorite-quartz monzonite intrusives. Stratabound lenses of massive pyrrhotite with sphalerite, chalcopyrite, pyrite and galena occur in cherty pyritic argillite of the Devonian to Mississippian Earn Group and their metamorphosed equivalent. The sulphide lenses are inferred to be submarine exhalites, probably related to Devonian rifting. Four areas of mineralization have been previously identified, and are labeled, from east to west Dromedary Creek, Dromedary Mountain, Francois Grid (Minfile Occurrence #105L 031) and Kal-Cave (Minfile Occurrence #105L 054). All are situated on strike along 18 km of favorable stratigraphy.

Dromedary Creek hosts syngenetic sulphide mineralization consisting of laminated to massive pyrrhotite, pyrite, sphalerite, galena and minor arsenopyrite. Airborne geophysics and geological mapping carried out by Anaconda outlined numerous mineralized lenses, the largest which is a barren pyrrhotite lens about 800 m long and 50 m thick on the east slope of Dromedary Mountain. Drilling carried out in the Dromedary Creek area in 1981 outlined two distinct zones of syngenetic sulphide mineralization both of which returned low base metal values.

In 1996 Blackstone targeted a coincident gravity and magnetic anomaly located between 1981 drill holes 8 and 9. The hole (DCK96-01) intersected two zones of sulphide mineralization. The upper zone (104.3 to 115.3 m) consists of chert-sulphide-graphitic argillite and contains pyrite, pyrrhotite, trace sphalerite and chalcopyrite as laminations and folded sulphide layers. The lower zone (137.5 to 138.8 m) comprises a silicified argillite-sulphide unit containing approximately 40% combined pyrrhotite>pyrite

mineralization. Only the lower zone contained anomalous Pb, Zn and Ag values. Examination of the core indicates that the sulphide mineralization in DCK96-01 occurs at a different stratigraphic level than that encountered in the 1981 drill holes. Best results came from the lower zone; 2340 ppm Zn over 1.3 m, 137.5 m down the hole.

Dromedary Mountain hosts bedded barite and skarn mineralization. Bedded barite was noted within the upper chert unit (Unit 13 Caulfield and Webber, 1997) of the Earn Group. The Ace barite showing located on the northeast slope of Dromedary Mountain hosts one massive bed over 10 m thick within a 50 m thick unit. The barite outcrops over a strike length of 400 m, is finely crystalline, relatively pure (about 33 wt% Ba) but barren of sulphides.

Anaconda focused the bulk of their 1981 drilling towards testing various zones of skarn mineralization located in the Dromedary Mountain area. The skarn mineralization consists of pod-like masses of quartz and one of the following minerals: tremolite/actinolite, chlorite, magnetite, calcite, garnet, pyrrhotite, pyrite, sphalerite, galena and minor chalcopyrite. The skarn bodies are small, ranging up to one metre in thickness and several tens of metres in strike length. Contacts with unmineralized rock can be either sharp or gradational. Scheelite is present in the creeks draining to the south side of Dromedary Mountain but was not found in place. Information regarding individual drill holes is sketchy but the best drill intersection is reported to have returned 2% Zn, 0.5% Pb, 31.2 g/t Ag and 0.2% Cu over 1.05 m. Anaconda's best chip sample (location unknown) returned 7.2% Zn, 3.5% Pb, 58 g/t Ag and 0.5% Cu over 1.05 m. The economic potential of the skarn bodies is thought to be low due to their lack of continuity and low grade.

All of the 1997 work was carried out around Minfile Occurrences #105L 031 and #105L 054. The geophysical surveys provided important refinements of the interpretation of the coincident gravity, EM and magnetic anomalies, which were targeted by the 1996 drilling.

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MINFILE#: 105L 054

UPDATED: 2002-12-04

PRIMARY NAME: KAL

DEPOSIT TYPE: Sediment-Hosted Barite

STATUS: PROSPECT

TECTONIC ELEMENT: ANCESTRAL NORTH AMERICA

NTS MAP SHEET: 105L\14

LATITUDE: 62° 54' 12"

LONGITUDE: 135° 15' 20"

OTHER NAME(S):

MAJOR COMMODITIES: BARITE, LEAD, SILVER, ZINC

MINOR COMMODITIES:

TRACE COMMODITIES: GOLD

CLAIMS(PREVIOUS & CURRENT)

ACE, BUM, DMC, DMC, DMC, DMC, KAL

WORK HISTORY

Staked as part of Kal cl 1-292 (YA43615) between April to Sep/81 by Anaconda Canada Exploration Ltd following an airborne magnetometer and EM surveying. The company staked Bum cl 1-32 (YA43696) adjoining the northwest corner of the Kal group in Apr/81. Anaconda carried out geological mapping, geochemical sampling and geophysical surveying of both claim groups in 1982 and added Bum cl 33-106 (YA76589) in July that year. Anaconda's interest was transferred to Fleck Minerals Inc in 1985, which allowed the Kal claims to lapse. The remaining Bum cl 1-32 were optioned to Dromedary Exploration Company Ltd in Jun/88.

Dromedary restaked the occurrence as DMC cl 1-18 (YB02749) in Sep/88 and carried out geological mapping, geochemical sampling and hand trenching before adding DMC cl 37-44 (YB02837) later that month. Dromedary also staked DMC cl 19-36 (YB02819) 5 km to the northwest at the same time (Minfile Occurrence #105L 037).

In Aug/93 the DMC claims were optioned to Energold Minerals Inc, which carried out auger sampling, magnetometer surveying and geological mapping that year.

In 1995 G. Carlson acquired 100% interest in the DMC claims from Fleck Minerals and in Jun/96 Carlson optioned the claims to Blackstone Resources Inc which carried out limited geochemical rock sampling that year. Blackstone staked DMC cl 37-155 (YB80838) in Jun/97 surrounding both of the original DMC claim groups forming one contiguous block of claims. In Jul/97 the company carried out geological mapping, prospecting and geochemical rock and soil sampling between the existing grid lines in the area.

GEOLOGY

Sphalerite and argentiferous galena occur with pyrite, pyrrhotite and massive, nodular barite in fine-grained, hornfelsed turbidites of the lower Devonian to Mississippian Earn Group, which are thrust over calcareous muscovite phyllite/siltstone and wavy banded limestone of the Cambrian to Ordovician Ketchika Group. The Dromedary Mountain occurrence (Minfile Occurrence #105L 051), 27 km to the east, occurs at the same stratigraphic level.

The Kal showing consists of a mineralized horizon exposed in 12 trenches. Chip samples from trenches assayed up to 8.9% Pb, 2.8% Zn and 180 g/t Ag across 1 m. The neighboring Cave showing (Minfile Occurrence #105L 037) is exposed in a creek canyon 5 km to the northwest. A float boulder sampled in 1984 assayed 18.2% Zn, 0.64% Pb and 12.8 g/t Ag. Chip sampling in 1988 returned values up to 0.64% Pb, 18.17% Zn and 12.8 g/t Ag over 35 cm.

Regional soil sampling carried out in 1988 outlined coincident lead-zinc-silver anomalies which although discontinuous, extend over a strike length of 7.5 km and cover both the Kal and Cave showings. Within the 7.5 km anomalous area, further sampling with a hand auger in 1992 outlined a stronger 1 km long anomaly with values up to 5 728 ppm Pb. Samples from hand trench 92-1 located 550 m east-southeast of the Cave showing contained up to 7 395 ppm Pb and 4 504 ppm Zn over a 0.6 m interval of rusty weathering shale and siltstone.

Prospecting by Blackstone Resources in 1996 resulted in the discovery of a new Pb-Zn showing at the western edge of DMC cl 1-18 claims. The showing consists of interbedded shale, phyllite and calcareous siltstone that hosts pyrite, galena and sphalerite as stringers and laminations parallel to subparallel to the foliation. Barite occurs as nodules. One selective grab sample collected over a width of 50 cm returned values of 12.5% Pb, 4.70% Zn , 195 ppm Ag and 40 ppb Au.

Work in 1997 identified several zones of mineralized float and a new showing along the anomalous trend between the Kal and Cave showings that are characterized by iron sulfide mineralization, carbonate porphyroblasts, manganese oxide staining and hematitic weathering associated with fossiliferous strata. The Gully Showing, located about halfway between the Kal and Cave showings, returned up to 5.35% Pb and 5.83% Zn from grab sampling and 1.2% Pb and 0.6% Zn over 1.0 m from chip sampling.

REFERENCES

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YUKON EXPLORATION AND GEOLOGY 1982, p. 148; 1992, p. 3; 1996, p. 21-22, 32; 1997, p. 22, 35.

APPENDIX 3- AURORA FIELD REPORT



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MEMORANDUM

To: Greg Dawson
Yukon Geological Survey

Date: July 06, 2011

From: Ian Kickbush
Ian.Kickbush@aurorageosciences.com

Re: Field report – REK Geophysics 2011

This memorandum is a short form geophysical report describing the gravity survey and the magnetic survey conducted north of MacMillan River, Yukon on the REK property. The magnetic survey was designed to provide reference to historic EM anomalies and the gravity survey was provided to gauge the density contrasts of previously known EM anomalies. The surveys were done over Kal and Cave showings. The gravity survey had a total of 431 points taken, 152 on the Cave showing and 279 on the Kal showing, while the magnetic survey had a total of 21.325 line-kms done, 13.525 line-kms for the Kal showing and 7.8 line-kms for the Cave showing. There was one bear incident. On June 20 Joanne Thomas was swiped in the leg by a brown bear and had to be flown out on June 21.

Survey location: The Kal camp was located at 485625E, 6975330N NAD87 Zone 8N on the south western corner of the grid. The Cave camp was located at 481625E, 6976415N NAD87 Zone 8N also on the south western corner of the grid. The project area covers NTS map sheet 115L. The geophysics project extended from June 17 – July 2, 2011. The survey consisted of a 4 man camp with 2 Gravity operators on the Kal showing and a 2 man camp with 1 Gravity operator on the Cave showing. The move and demove of both camps was done through the use of a JetRanger II Helicopter. 11.8 hours of helicopter time was used.

Crew and equipment. The surveys were conducted by the following personnel:

Ian Kickbush	Crew chief (Grav Operator)	Jun17 – Jul 2, 2011
Dave Hildes	Crew chief / Project Manager (Grav Operator)	Jun 17 – Jun 26, 2011
Samuel Tarkalam	GPS Operator	Jun17 – Jun 26, 2011
Joanne Thomas	GPS Operator	Jun 17 – Jun 21, 2011
Cole Plaskett	GPS Operator	Jun26 – Jul 2, 2011
Curt Derbyshire	GPS Operator	Jun21– Jun 26, 2011

The crew was equipped with the following instruments and equipment:

<u>Magnetics</u>	3 - GEM 19 Overhauser precession Magnetometers S/N: 7012207 S/N: 708719 S/N: 510495
<u>Gravity</u>	1– Scintrex CG-5 Gravimeter s/n 961049349 1 – Scintrex CG-5 Gravimeter s/n 911009188
<u>GPS</u>	2 sets–Lieca GS15 RTK/Post Processing carrier phase Differential GPS Receivers and Transmitters. GS15 Base 1 s/n 1502720 Rover 1 s/n 10140548 Rover 2 s/n 1500400
<u>Other:</u>	1 - Laptop with Geosoft, Gravred2, Scintrex Software 1 - Repair tools 1 - Iridium satellite phone 5 - Handheld radios 4 - Garmin handheld GPS 1 - 4 man camp including tents and wood stoves

MAGNETIC SURVEY

The REK Property survey was conducted using GPS track points. Station spacing was 12.5 metres and recorded as UTM NAD83 Zone 8N coordinates.

<u>Station spacing</u>	12.5 metres
<u>Base station</u>	<p>Kal Showing: Installed at NAD 83 8N, UTME UTMN coordinates:485627.6, 6975298.9</p> <p>Cave Showing: Installed at NAD 83 8N, UTME UTMN coordinates:481745.1, 6976554.3</p> <p>Cycled at a 3 second interval. The base station magnetometer and field magnetometers times were synchronized daily prior to surveying.</p>
<u>Corrections</u>	Temporal geomagnetic variation was removed by linear interpolation of drift from the base station magnetometer. Readings were rejected in the base mag if there was a magnetic variation of 10nT under 10 seconds.

GRAVITY SURVEY

Each Gravity station's coordinates were determined from position measurements taken with Post Processed / RTK Differential GPS system and recorded in WGS84 and then transformed into UTM projection in the NAD83 datum. Station spacing was 50metres.

<u>Geographic datum & projection:</u>	UTME, UTMN NAD83 datum, 8N
<u>Elevation datum:</u>	Mean sea level using Geoid EMG96
<u>Station locations:</u>	Stations were located with non-differential GPS receivers.
<u>Station marking:</u>	Stations were marked with tagged and flagged nails driven flush to ground level where possible.
<u>Gravimeter preparation:</u>	The gravimeter was levelled on a cement block and warmed up for a period of 48 hours to stabilize. After the spring stabilized, the instrument was cycled for 12 to 24 hours taking readings for 60 seconds every minute to determine the remnant instrument drift

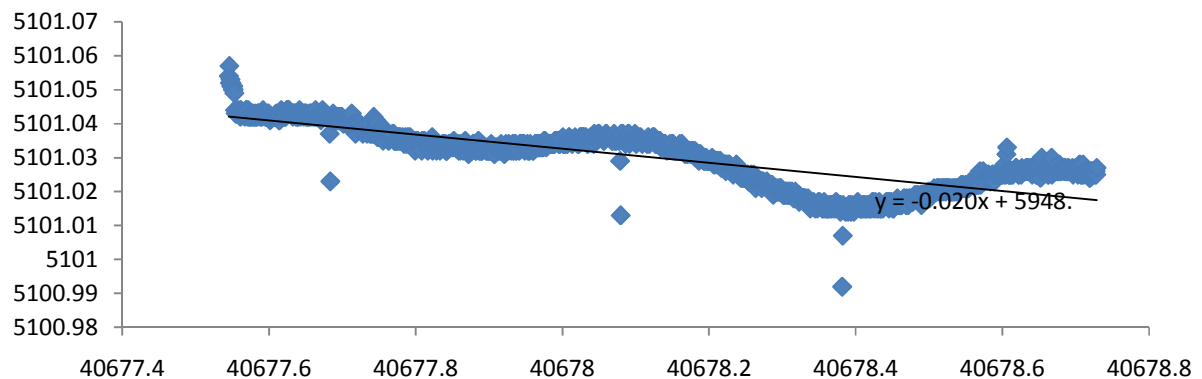
	and to reset instrument drift constants. The instrument remained under power at all times throughout the survey operation.
<u>Gravity readings:</u>	Readings were stacked for 60 s and maximum standard deviation in reading error was kept to less than 50 microGal if possible. When this was not possible, readings were repeated several times to ensure that the data is repeatable. Seismic filters were engaged to remove wind noise.
<u>Gravity Base Station:</u>	Kal Camp: Installed at NAD 83 8N, UTME UTMN coordinates: 485624.67E, 6975328.85N Cave Camp: Installed at NAD 83 8N, UTME UTMN coordinates: 481627E, 6976420N

Gravimeter drift for CG-5 961049349 (Grav 01):

:

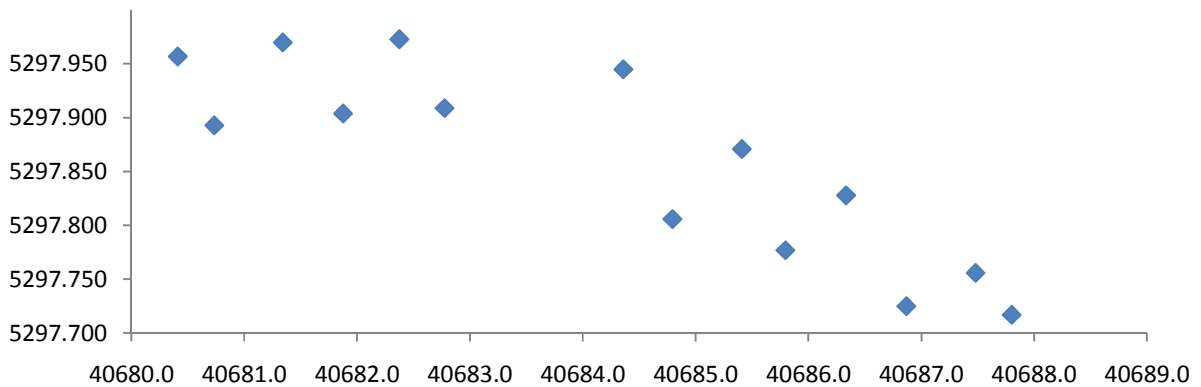
The gravimeter was checked daily for instrument drift prior to surveying by occupying a drift station in camp. During the survey, a minimum initial and final tie-in drift measurement were made prior to and after each day's survey.

Pre-survey:



Graph 1: Shows the linear trend of the springdrift throughout the 24 hours on June 16, 2011, pre-survey. X-axis: time in decimal hours. Y-axis: mGal.

During Survey (Tie File):

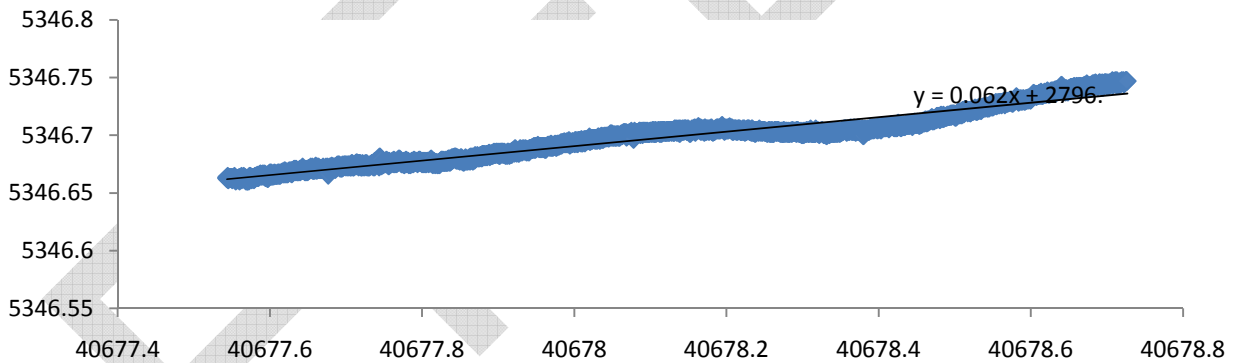


Graph 2: Shows the spring drift throughout the survey from June 17 to June 25 2011. X-axis: time in decimal hours. Y-axis: mGal.

Gravimeters drift for CG-5911009188 (Grav 02):

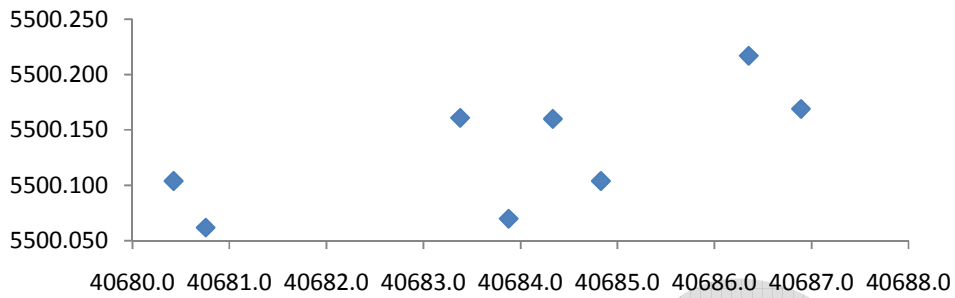
The gravimeter was checked daily for instrument drift prior to surveying by occupying a drift station in camp. During the survey, a minimum initial and final tie-in drift measurement were made prior to and after each day's survey.

Pre-survey:

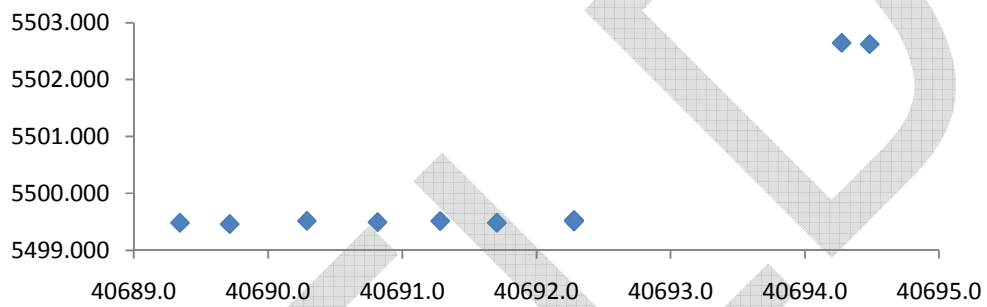


Graph 4: Shows the linear trend of the spring drift throughout the 24 hours on June 16, 2011, pre-survey. X-axis: time in decimal hours. Y-axis: mGal.

During Survey (Tie File):



Graph 5: Shows the spring drift throughout the survey from June 17 to June 25 2011. X-axis: time in decimal hours. Y-axis: mGal. The graph shows Grav 2 spring drift throughout the Kal property survey.



Graph 6: Shows the spring drift throughout the survey from June 25 to July 1 2011. X-axis: time in decimal hours. Y-axis: mGal. The graph shows Grav 2 spring drift throughout the Cave property survey. There is one day of outliers on July 1, due to the memory erased inside the gravimeter.

<u>DGPS survey base station:</u>	<p>The GPS base station was installed to transmit RTK position corrections and record positioning at 1 second epoch intervals.</p> <p>The Kal base was installed at Lat. Long. WGS84 coordinates: 62.54'26.86730" N, 135.16'53.30200" W elevation 835.7666 (m) with base height of 0.811m.</p> <p>The Cave base was installed at Lat. Long. WGS84 coordinates: 62.54'26.86730" N, 135.16'53.30200" W elevation 820.6571 (m) with base height of 0.793m.</p> <p>Both base stations are marked with a flagged nail on the exact location. A tripod of pickets was erected on the flagged nail.</p>
<u>DGPS survey rover:</u>	<p>Antenna was placed on the gravity survey station hub and elevations corrected for rover antenna height of 2m. A minimum of 180 coincidental epochs with the base were measured, if no RTK position under a height quality of 0.02m could be obtained.</p>
<u>Post-Processing accuracy for DGPS:</u>	<p>On average the epochs taken per station were between 200 and 180.</p>
<u>Elevation corrections:</u>	<p>Elevation corrections: Free Air, Bullard B, Bouguer; Bouguer density: 2.67, Datum: 0.0 (sea level),</p> <p>Kal Centre of Grid: 485630.0E, 6975330.0N UTM, NAD83 8N was used for on-board Gravimeter tide corrections. For the latitude correction a UTM Declination of 0 was used.</p> <p>Cave Centre of Grid: 481628.0E, 6976421.0N UTM, NAD83 8N was used for on-board Gravimeter tide corrections. For the latitude correction a UTM Declination of 0 was used.</p>
<u>Near station terrain measurement:</u>	<p>Terrain elevations within 20m of the gravity station were directly measured applied to the data as near-station terrain corrections. The offset for the operator height was accounted for: JT (1.7m), ST (1.69m), CP (1.7m).</p>

<u>Inner DTM</u>	Terrain corrections from 20 m to approximately 10 km were calculated. A DEM equivalent to a 1:50 000 NTS topographic map was used modified to be consistent with the GPS data collected over the course of this survey.
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Data processing

The gravity data was downloaded and processed daily in the field using propriety software package 'Gravred2'. All of the field maps and databases were created in Geosoft Oasis Montaj. A first order trend was removed from the data. Gravity data repeats was averaged.

The total magnetic field data were corrected for temporal variations in the earth's magnetic field using the software GEMLINK and entered into a Geosoft database. A base magnetic correction datum of 59000 nT was used. A first-order best-fit polynomial was removed from the data to accentuate property-scale features.

Data formats

The unedited ASCII instrument dump files are named for the date (survey type/day/month /operator's initials) on which they were produced. The RTK GPS dump files include the hyper, rover, base folders and the handheld gps files include letters 'GPS' and the date. The Near Terrain Corrections (NTC) are in an excel spreadsheet. The final processed data are in Geosoft data base (.gdb) format and in ASCII (.xyz) format.

Products.

The following are attached to the digital version of this report

Digital Database:	Geosoft database	gravCave2011.gdb gravKal2011.gdb magCave2011.gdb magKal2011.gdb
	Geosoft .xyz file	gravCave2011.xyz gravKal2011.xyz magCave2011.xyz magKal2011.xyz
Processing	ASCII Raw unedited data Explains channels of database files	Channel.txt

Files:		
Maps:	Gravity and Magnetic colour map .pdf	gravCave2011.pdf gravCave2011_1rst.pdf gravKal2011.pdf gravKal2011_1rst.pdf magCave2011.pdf magCave2011_1rst.pdf magKal2011.pdf magKal2011_1rst.pdf
	Gravity and Magnetic colour map with filter .shp	Same as above except in .shp format
Reports:	Survey and personnel summary for project .pdf	REK Daily report – 2011.pdf
	This report in .pdf format	REK Field Memo – 2011.pdf

Respectfully submitted,
AURORA GEOSCIENCES LTD.

Ian Kickbush, B.Sc.

APPENDIX 4- STATEMENT OF EXPENDITURES

Redtail Metals- REK claims
Statement of Expenditures- 2011

December 12 2011

	REK total
Contract geophysical survey	\$37,923.01
Helicopter	<u>\$9,187.76</u>
total	\$47,110.77

Signed:

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Redtail Metals Corp.