REPORT ON A HELICOPTER-BORNE MAGNETIC AND ELECTROMAGNETIC SURVEY, COREY PROJECT

Skeena Mining Division

Unuk River Area, Northwestern British Columbia

Latitude 56° 15' N
Longitude 130° 27' W

NTS 104B 9 & 10

Claims worked: Corey 1-8; Corey 21; Corey 24-37; Jojo M; Carl J; Dwayne 1; Ginger 1-2; Del 1; 529758; Unuk SE Fraction; 508074; 508080; Wina; Wina 2; Dar; Swamp

For:

Kenrich-Eskay Mining Corp.

C206-9801 King George Hwy

Surrey, B.C. V3T 5H5

Submitted By:

Cambria Geosciences Inc.
303-5455 West Boulevard,
Vancouver, BC V6M 1N7

and

Aeroquest Limited
4-485 Main St. East
Milton, Ontario L9T 3Z3

September 19, 2006

STATEMENT OF COSTS

Aeroquest AeroTEM survey: airborne magnetics and time-domain EM survey

- 1070 line km @ $125.00 per line kilometer

- Mobilization/Demobilization $17,000.00

- Standby Rate per day $2,000.00

Total cost: $173,400

1. TABLE OF CONTENTS

1.1. List of Figures

1.2. Appendices

1.3. List of Maps (1:10,000)

2. INTRODUCTION

This report describes a helicopter-borne geophysical survey carried out on behalf of Kenrich-Eskay Miing Corp. (hereafter Kenrich-Eskay) on the Corey Property, near Stewart, Northern BC.

The principal geophysical sensor is Aeroquest's exclusive AeroTEM II time domain helicopter electromagnetic system which is employed in conjunction with a high-sensitivity cesium vapour magnetometer. Ancillary equipment includes a real-time differential GPS navigation system, radar altimeter, video recorder, and a base station magnetometer. Full-waveform streaming EM data is recorded at 38,400 samples per second. The streaming data comprise the transmitted waveform, and the X component and Z component of the resultant field at the receivers. A secondary acquisition system (RMS) records the ancillary data.

The total line kms totalled 1191 km within the project area. The survey flying described in this report took place on April 6th and 21st, 2006.

3. SURVEY AREA

The project area is located on 60 km northwest of Stewart, BC in mountainous terrain and lies 25 km west of the Alaskan border (NTS104B07, 08, 09, 10) (Figure 1. Regional location map of the project area.Figure 1).

The surveying conducted consisted of two blocks, one small block just to the south east of the larger Corey Block. The survey terrain is mountainous with a number of icefields. The terrain elevation ranges from approx 1000 – 6000 ft (300-2000 m). Kenrich-Eskay hold the mining claims for the northern Corey Block (Table 1).

The field crew was based at the Bell II Lodge in Anyox. Fuel was cached at the Corey Camp.

Figure 1. Regional location map of the project area.

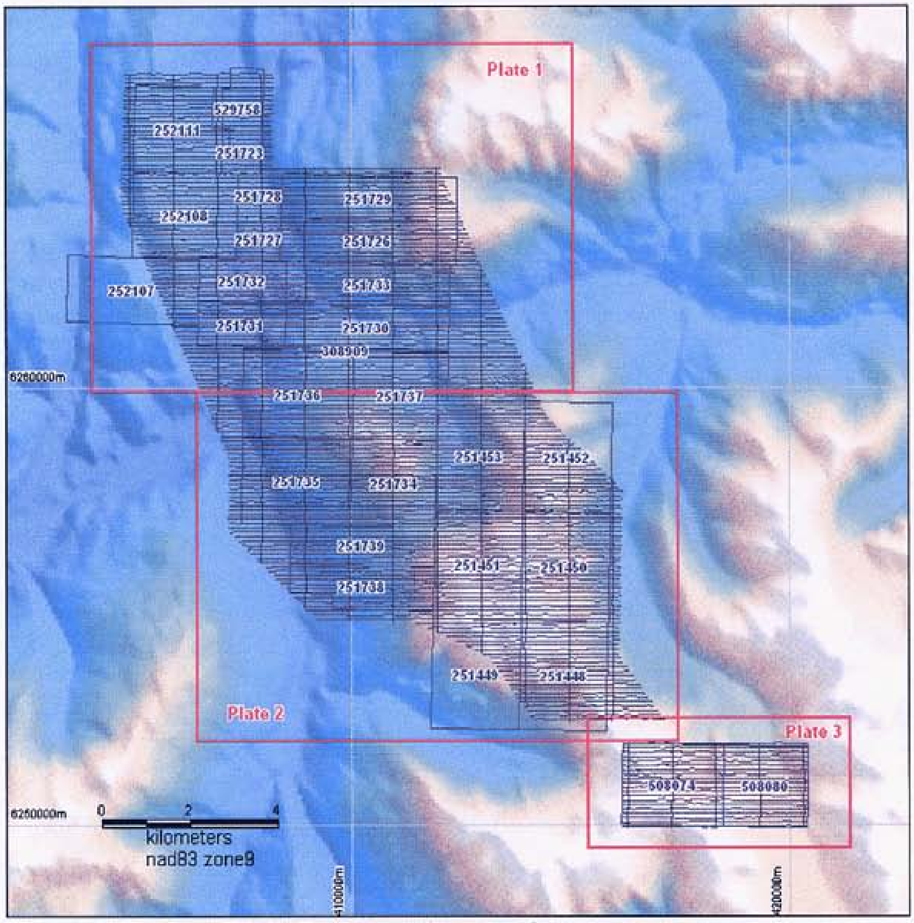


Figure 2. Project Flight Path and Coastal Copper property area.

Tenure Number	Claim Name	Area (Ha)	Owner	Block
251449	COREY 4	500	KENRICH-ESKAY MINING CORP.	Corey North
251734	COREY 32	500	KENRICH-ESKAY MINING CORP.	Corey North
251736	COREY 34	500	KENRICH-ESKAY MINING CORP.	Corey North
251723	COREY 21	100	KENRICH-ESKAY MINING CORP.	Corey North
529758		178.438	KENRICH-ESKAY MINING CORP.	Corey North
251727	COREY 25	100	KENRICH-ESKAY MINING CORP.	Corey North
251737	COREY 35	500	KENRICH-ESKAY MINING CORP.	Corey North
251733	COREY 31	400	KENRICH-ESKAY MINING CORP.	Corey North
251732	COREY 30	200	KENRICH-ESKAY MINING CORP.	Corey North
251739	COREY 37	350	KENRICH-ESKAY MINING CORP.	Corey North
251738	COREY 36	350	KENRICH-ESKAY MINING CORP.	Corey North
308909	DEL-1	200	KENRICH-ESKAY MINING CORP.	Corey North
251448	COREY 3	500	KENRICH-ESKAY MINING CORP.	Corey North
251450	COREY 5	500	KENRICH-ESKAY MINING CORP.	Corey North
251453	COREY 8	500	KENRICH-ESKAY MINING CORP.	Corey North
251731	COREY 29	200	KENRICH-ESKAY MINING CORP.	Corey North
252108	CARL J	500	KENRICH-ESKAY MINING CORP.	Corey North
251735	COREY 33	500	KENRICH-ESKAY MINING CORP.	Corey North
251728	COREY 26	100	KENRICH-ESKAY MINING CORP.	Corey North
251726	COREY 24	400	KENRICH-ESKAY MINING CORP.	Corey North
251730	COREY 28	400	KENRICH-ESKAY MINING CORP.	Corey North
251451	COREY 6	500	KENRICH-ESKAY MINING CORP.	Corey North
251452	COREY 7	500	KENRICH-ESKAY MINING CORP.	Corey North
251729	COREY 27	400	KENRICH-ESKAY MINING CORP.	Corey North
252107	JOJO M	450	KENRICH-ESKAY MINING CORP.	Corey North
252111	DWAYNE 1	400	KENRICH-ESKAY MINING CORP.	Corey North
508074		429	RAUL GREY VERZOSA	Corey South
508080		358	RAUL GREY VERZOSA	Corey South

Table 1. Mining Claims in Project Area

4. LOCAL GEOLOGY & PREVIOUS WORK

(taken from Kenrich-Eskay website www.kenrich-eskay.com, June, 2006)

The project area falls into what is known as the Eskay Rift. The rift is a fault bounded basin hosting thick accumulations of bimodal volcanic rocks, with intercalated sedimentary strata that record the final eruptive events of an island-arc complex of the Early to Middle Jurassic Hazleton Group.

The Kenrich-Eskay Corey claims, are 7 km due south of the operating Barrick Gold Eskay Creek mine and contain the same strike extensions of stratigraphic units present at Eskay Creek.

Barrick Gold's Eskay Creek deposit is the most important mineral deposit in the entire region and the fifth largest silver producer in the world.

By the end of 2002, the Eskay Creek mine had produced 2.25 million ounces gold, and 104.7 million ounces silver (grading 1.50 ounces per tonne of gold, and 68.3 ounces per tonne of silver). The Eskay Creek deposit also contains approx 3.2 % Pb, 5.2 % Zn, 0.7 % Cu.

Kenrich-Eskay Mining Corp. is focusing its efforts towards discovering an Eskay Creek type transitional-deposit where rock units equivalent to those at Eskay Creek are present. Exploration of the Corey Property at Eskay Creek started in November of 2003.

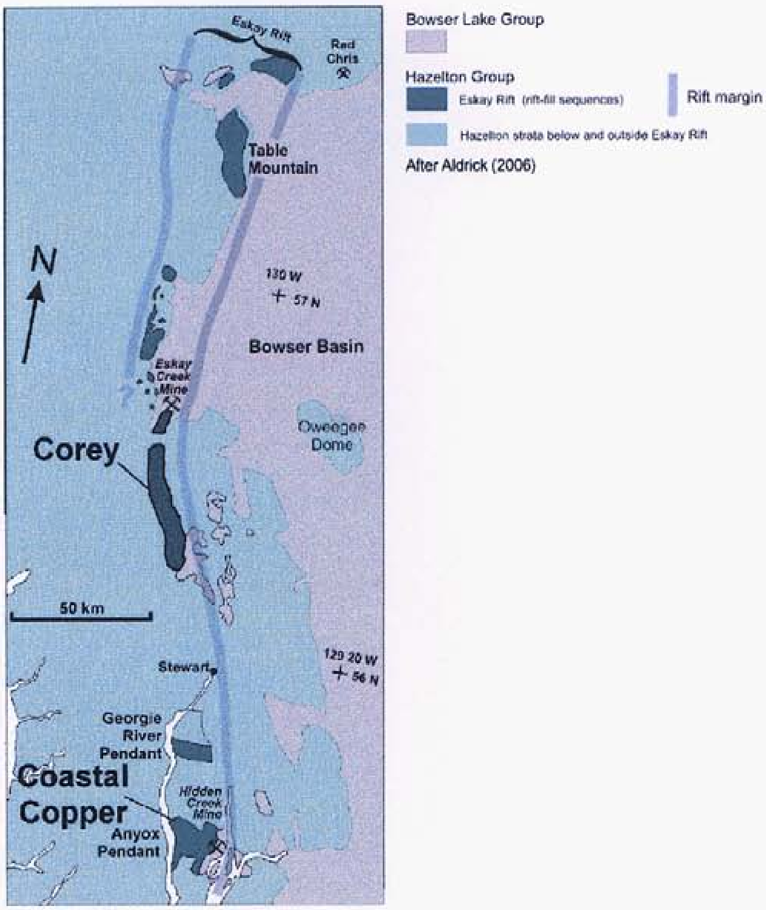


Figure 3. Project area regional geology (from www.kenrich-eskay.com)

5. SURVEY SPECIFICATIONS AND PROCEDURES

The survey specifications are summarized in the following table:

Survey Block	Line Spacing (m)	Line direction	Survey Coverage (line-km)	Dates Flown
Corey	100	E-W (90°)	1191	April 6th – 21st, 2006

The survey coverage was calculated by adding up the along-line distance of the survey lines and control (tie) lines as presented in the final Geosoft database. The survey was flown with a line spacing of 100 m. The control (tie) lines were flown perpendicular to the survey lines with a spacing of 1 km. The nominal EM bird terrain clearance is 30m, but can be higher in more rugged terrain due to safety considerations and the capabilities of the aircraft. The magnetometer sensor is mounted in a smaller bird connected to the tow rope 17 metres above the EM bird and 21 metres below the helicopter (Figure 5). Nominal survey speed over relatively flat terrain is 75 km/hr and is generally lower in rougher terrain. Scan rates for ancillary data acquisition is 0.1 second for the magnetometer and altimeter, and 0.2 second for the GPS determined position. The EM data is acquired as a data stream at a sampling rate of 38,400 samples per second and is processed to generate final data at 10 samples per second. The 10 samples per second translates to a geophysical reading about every 1.5 to 2.5 metres along the flight path.

5.1. Navigation

Navigation is carried out using a GPS receiver, an AGNAV2 system for navigation control, and an RMS DGR-33 data acquisition system which records the GPS coordinates. The x-y-z position of the aircraft, as reported by the GPS, is recorded at 0.2 second intervals. The system has a published accuracy of under 3 metres. A recent static ground test of the Mid-Tech WAAS GPS yielded a standard deviation in x and y of under 0.6 metres and for z under 1.5 metres over a two-hour period.

5.2. System Drift

Unlike frequency domain electromagnetic systems, the AeroTEM© II system has negligible drift due to thermal expansion. The operator is responsible for ensuring the instrument is properly warmed up prior to departure and that the instruments are operated properly throughout the flight. The operator maintains a detailed flight log during the survey noting the times of the flight and any unusual geophysical or topographic features. Each flight included at least two high elevation 'background' checks. During the high elevation checks, an internal 5 second wide calibration pulse in all EM channels was generated in order to ensure that the gain of the system remained constant and within specifications.

5.3. Field QA/QC Procedures

On return of the pilot and operator to the base, usually after each flight, the AeroDAS streaming EM data and the RMS data are carried on removable hard drives and FlashCards, respectively and transferred to the data processing work station. At the end of each day, the base station magnetometer data on FlashCard is retrieved from the base station unit.

Data verification and quality control includes a comparison of the acquired GPS data with the flight plan; verification and conversion of the RMS data to an ASCII format XYZ data file; verification of the base station magnetometer data and conversion to ASCII format XYZ data; and loading, processing and conversion of the steaming EM data from the removable hard drive. All data is then merged to an ASCII XYZ format file which is then imported to an Oasis database for further QA/QC and for the production of preliminary EM, magnetic contour, and flight path maps.

Survey lines which show excessive deviation from the intended flight path are re-flown. Any line or portion of a line on which the data quality did not meet the contract specification was noted and reflown.

6. AIRCRAFT AND EQUIPMENT

6.1. Aircraft

A Eurocopter (Aerospatiale) AS350B2 "A-Star" helicopter - registration C-FPTG was used as survey platform (Figure 4). The helicopter was owned and operated by Hi-Wood Helicopters, Okotose, Alberta.The survey aircraft was flown at a nominal terrain clearance of 220 ft (70 m).

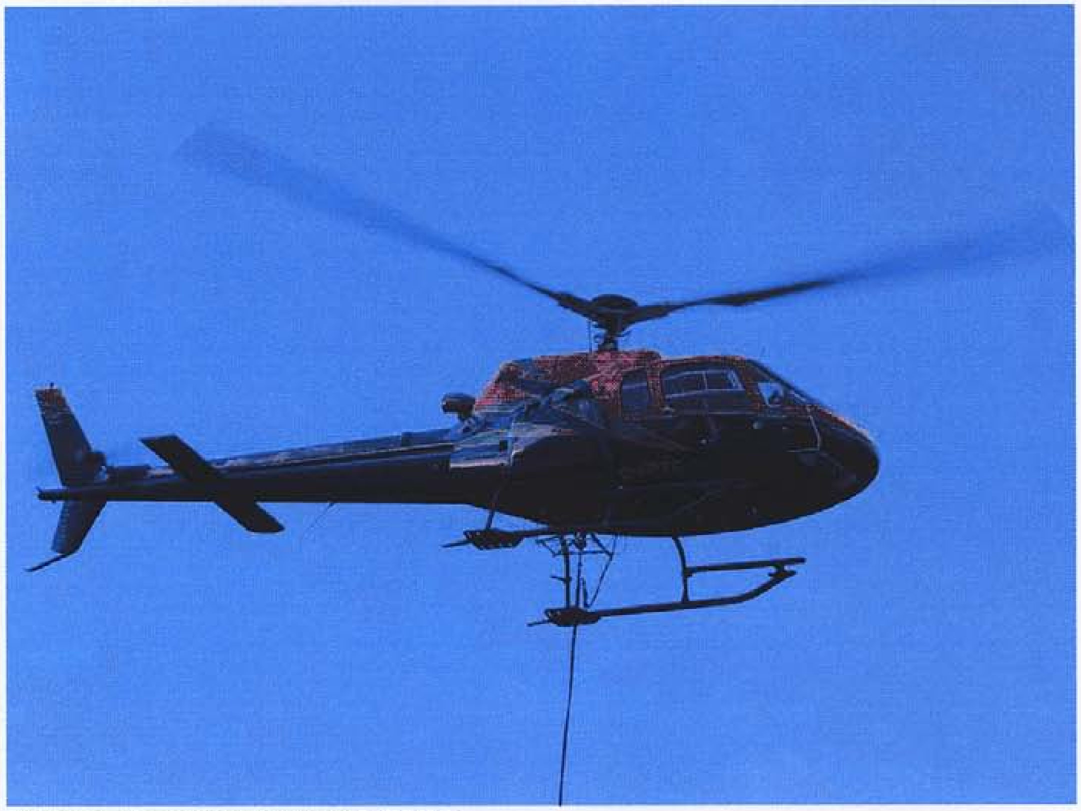


Figure 4. Survey helicopter C-FPTG.

6.2. Magnetometer

The Aeroquest airborne survey system employs the Geometrics G-823A cesium vapour magnetometer sensor installed in a two metre towed bird airfoil attached to the main tow line, 17 metres below the helicopter (Figure 5A). The sensitivity of the magnetometer is 0.001 nanoTesla at a 0.1 second sampling rate. The nominal ground clearance of the magnetometer bird is 51 metres (170 ft.). The magnetic data is recorded at 10Hz by the RMS DGR-33.

6.3. Electromagnetic System

The electromagnetic system is an AeroQuest AeroTEM© II time domain towed-bird system (Figure 5B). The current AeroTEM© transmitter dipole moment is 38.8 kNIA. The AeroTEM© bird is towed 38 m (125 ft) below the helicopter. More technical details of the system may be found in Appendix 4.

The wave-form is triangular with a symmetric transmitter on-time pulse of 1.10 ms and a base frequency of 150 Hz (Figure 6). The current alternates polarity every on-time pulse. During every Tx on-off cycle (300 per second), 128 contiguous channels of raw x and z component (and a transmitter current monitor, itx) of the received waveform are measured. Each channel width is 26.04 microseconds starting at the beginning of the transmitter pulse. This 128 channel data is referred to as the raw streaming data. The AeroTEM© system has two separate EM data recording streams, the conventional RMS DGR-33 and the AeroDAS system which records the full waveform.

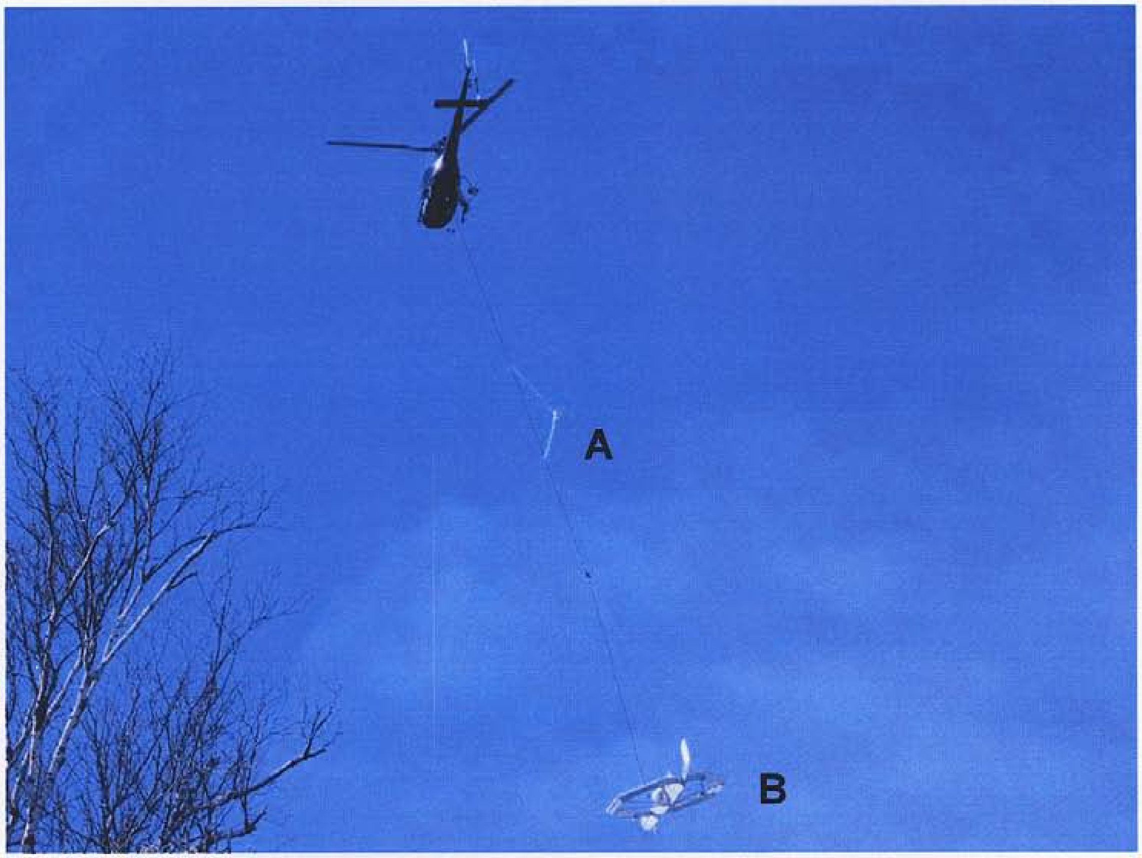


Figure 5. The magnetometer bird (A) and AeroTEM II EM bird (B)

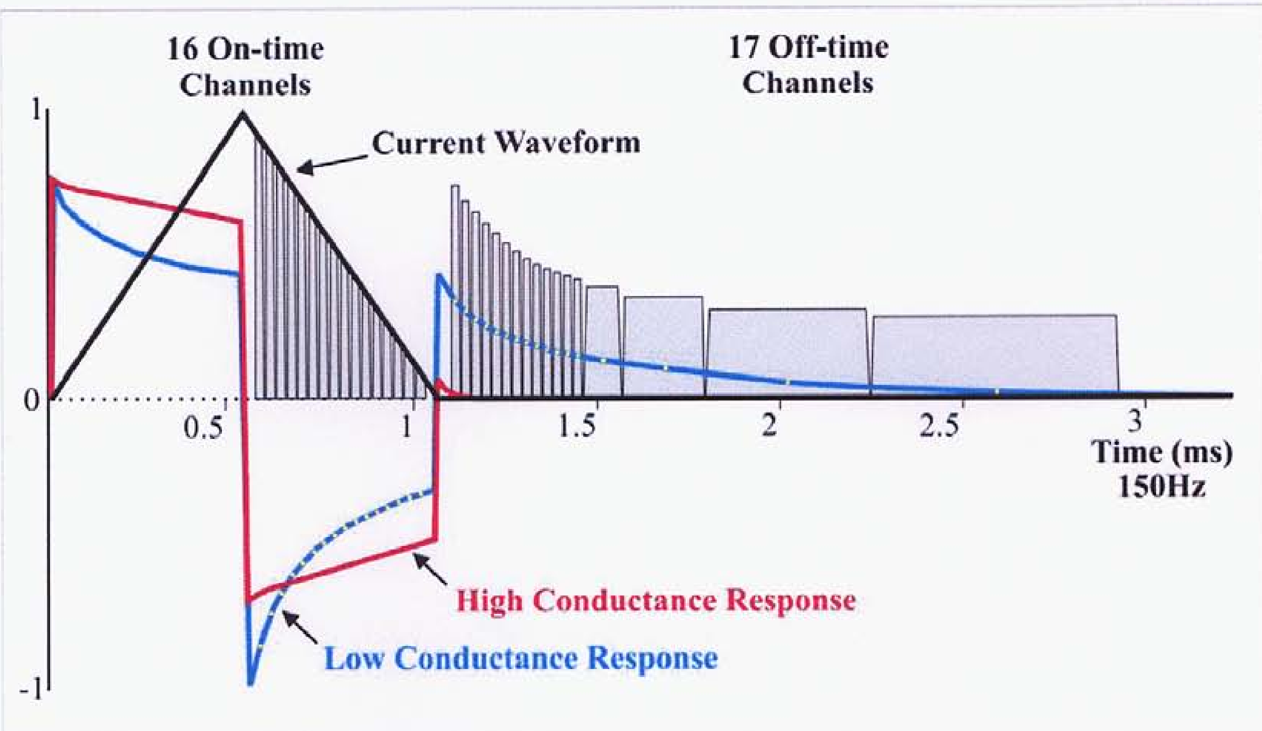


Figure 6. Schematic of Transmitter and Receiver waveforms

6.4. AERODAS Acquisition System

The 128 channels of raw streaming data are recorded by the AeroDAS acquisition system (Figure 7) onto a removable hard drive. The streaming data are processed post-survey to yield 33 stacked and binned on-time and off-time channels at a 10 Hz sample rate. The timing of the final processed EM channels is described in the following table:

Channel:	Start Gate	End Gate	Start (us)	Stop (us)	Mid (us)	Width (us)
1 ON	25	25	651.0	677.0	664.0	26.0
2 ON	26	26	677.0	703.1	690.1	26.0
3 ON	27	27	703.1	729.1	716.1	26.0
4 ON	28	28	729.1	755.2	742.1	26.0
5 ON	29	29	755.2	781.2	768.2	26.0
6 ON	30	30	781.2	807.2	794.2	26.0
7 ON	31	31	807.2	833.3	820.3	26.0
8 ON	32	32	833.3	859.3	846.3	26.0
9 ON	33	33	859.3	885.4	872.3	26.0
10 ON	34	34	885.4	911.4	898.4	26.0

11 ON	35	35	911.4	937.4	924.4	26.0
12 ON	36	36	937.4	963.5	950.5	26.0
13 ON	37	37	963.5	989.5	976.5	26.0
14 ON	38	38	989.5	1015.6	1002.5	26.0
15 ON	39	39	1015.6	1041.6	1028.6	26.0
16 ON	40	40	1041.6	1067.6	1054.6	26.0
0 OFF	44	44	1145.8	1171.8	1158.8	26.0
1 OFF	45	45	1171.8	1197.8	1184.8	26.0
2 OFF	46	46	1197.8	1223.9	1210.9	26.0
3 OFF	47	47	1223.9	1249.9	1236.9	26.0
4 OFF	48	48	1249.9	1276.0	1262.9	26.0
5 OFF	49	49	1276.0	1302.0	1289.0	26.0
6 OFF	50	50	1302.0	1328.0	1315.0	26.0
7 OFF	51	51	1328.0	1354.1	1341.1	26.0
8 OFF	52	52	1354.1	1380.1	1367.1	26.0
9 OFF	53	53	1380.1	1406.2	1393.1	26.0
10 OFF	54	54	1406.2	1432.2	1419.2	26.0
11 OFF	55	55	1432.2	1458.2	1445.2	26.0
12 OFF	56	56	1458.2	1484.3	1471.3	26.0
13 OFF	57	60	1484.3	1588.4	1536.4	104.2
14 OFF	61	68	1588.4	1796.8	1692.6	208.3
15 OFF	69	84	1796.8	2213.4	2005.1	416.6
16 OFF	85	110	2213.4	2890.4	2551.9	677.0

6.5. RMS DGR-33 Acquisition System

In addition to the magnetics, altimeter and position data, six channels of real time processed off-time EM decay in the Z direction and one in the X direction are recorded by the RMS DGR-33 acquisition system at 10 samples per second and plotted real-time on the analogue chart recorder. These channels are derived by a binning, stacking and filtering procedure on the raw streaming data. The primary use of the RMS EM data (Z1 to Z6, X1) is to provide for real-time QA/QC on board the aircraft.

The channel window timing of the RMS DGR-33 6 channel system is described in the table below.

RMS Channel	Start time (microsec)	End time (microsec)	Width (microsec)	Streaming Channels
Z1, X1	1269.8	1322.8	52.9	48-50
Z2	1322.8	1455.0	132.2	50-54
Z3	1428.6	1587.3	158.7	54-59
Z4	1587.3	1746.0	158.7	60-65
Z5	1746.0	2063.5	317.5	66-77
Z6	2063.5	2698.4	634.9	78-101

Figure 7. AeroTEM II Instrument Rack. Includes (AeroDAS system and RMS DGR-33 and AeroTEM power supply, data acquisition computer and AG-NAV2 navigation)

6.6. Magnetometer Base Station

The base magnetometer was a Geometerics G-858 cesium vapour magnetometer. Data logging and UTC time syncronisation was carried out within an external data logging computer, with an external GPS providing the timing signal. That data logging was configured to measure at 0.1 second intervals (10Hz). Digital recording resolution was 0.001 nT. The sensor was placed on a tripod in an area free of cultural noise sources. A continuously updated display of the base station values was available for viewing and regularly monitored to ensure acceptable data quality and diurnal levels.

6.7. Radar Altimeter

A Terra TRA 3500/TRI-30 radar altimeter is used to record terrain clearance. The antenna was mounted on the outside of the helicopter beneath the cockpit. The recorded data represents the height of the antenna, i.e. helicopter, above the ground. The Terra altimeter has an altitude accuracy of +/- 1.5 metres.

6.8. Video Tracking and Recording System

A high resolution colour digital video camera (**Error! Reference source not found.**) is used to record the helicopter ground flight path along the survey lines. The video is digitally annotated with GPS position and time and can be used to verify ground positioning information and cultural causes of anomalous geophysical responses.

Figure 8. Digital video camera typical mounting location.

6.9. GPS Navigation System

The navigation system consists of an Ag-Nav Incorporated AG-NAV2 GPS navigation system comprising a PC-based acquisition system, navigation software, a deviation indicator in front of the aircraft pilot to direct the flight, a full screen display with controls in front of the operator, a Mid-Tech RX400p WAAS-enabled GPS receiver mounted on the instrument rack and an antenna mounted on the magnetometer bird. WAAS (Wide Area Augmentation System) consists of approximately 25 ground reference stations positioned across the United States that monitor GPS satellite data. Two master stations, located on the east and west coasts, collect data from the reference stations and create a GPS correction message. This correction accounts for GPS satellite orbit and clock drift plus signal delays caused by the atmosphere and ionosphere. The corrected differential message is then broadcast through one of two geostationary satellites, or satellites with a fixed position over the equator. The corrected position has a published accuracy of under 3 metres. A recent static ground test of the Mid-Tech WAAS GPS yielded a standard deviation in x and y of under 0.6 metres and for z under 1.5 metres over a two-hour period.

Survey co-ordinates are set up prior to the survey and the information is fed into the airborne navigation system. The co-ordinate system employed in the survey design was WGS84 [World] using the UTM zone 18N projection. The real-time differentially corrected GPS positional data was recorded by the RMS DGR-33 in geodetic coordinates (latitude and longitude using WGS84) at 0.2 second intervals.

6.10. Digital Acquisition System

The AeroTEM© received waveform sampled during on and off-time at 128 channels per decay, 300 times per second, was logged by the proprietary AeroDAS data acquisition system. The channel sampling commences at the start of the Tx cycle and the width of each channel is 26.04 microseconds. The streaming data was recorded on a removable hard-drive and was later backed-up onto DVD-ROM from the field-processing computer.

The RMS Instruments DGR33A data acquisition system was used to collect and record the analogue data stream, i.e. the positional and secondary geophysical data, including processed 6 channel EM, magnetics, radar altimeter, GPS position, and time. The data was recorded on 128Mb capacity FlashCard. The RMS output was also directed to a thermal chart recorder.

7. PERSONNEL

The following AeroQuest personnel were involved in the project:

- Manager of Operations: Bert Simon
- Field Data Processors: Chris Kahue
- Field Operator: Tom Szumigaj
- Data Interpretation and Reporting: Matt Pozza, Marion Bishop

The survey pilot Paul Kendall was employed directly by the helicopter operator – Hi-Wood Helicopters, Okotose, Alberta.

8. DELIVERABLES

The report includes a set of nine (9) geophysical maps plotted at a scale of 1:10,000. Three data products are presented for each of the three map plates that cover the survey area (Figure 2).

- MAG Coloured Total Magnetic Intensity (TMI) with line contours and EM anomalies
- ZOFF AeroTEM Off-Time Z1 colour grid with line contours and EM anomalies
- EM AeroTEM Off-Time Profiles (Z2-Z12) and EM anomalies

The coordinate/projection system for the maps is NAD83 Universal Transverse Mercator Zone 9 (for Canada; Central America; Mexico; USA (ex Hawaii Aleutian Islands)). For reference, the latitude and longitude in NAD83 are also noted on the maps. All the maps show flight path trace, skeletal topography, and conductor picks represented by an anomaly symbol classified according to calculated on-time conductance. The anomaly symbol is accompanied by postings denoting the calculated on-time conductance, a thick or thin classification and an anomaly identifier label. The anomaly symbol legend is given in the margin of the maps. The magnetic field data is presented as superimposed line contours with a minimum contour interval of 10 nT. Bold contour lines are separated by 500 nT.

The geophysical profile data is archived digitally in a Geosoft GDB binary format database. The database contains the processed streaming data, the RMS data, the base station data, and all processed channels. A description of the contents of the individual channels in the database can be found in Appendix 3. This digital data is archived at the Aeroquest head office in Milton.

9. DATA PROCESSING AND PRESENTATION

All in-field and post-field data processing was carried out using Aeroquest proprietary data processing software, and Geosoft Oasis montaj software. Maps were generated using 36-inch wide Hewlett Packard ink-jet plotters.

9.1. Base Map

The geophysical maps accompanying this report are based on positioning in the datum of NAD83. The survey geodetic GPS positions have been projected using the Universal Transverse Mercator projection in Zone 9N. A summary of the map datum and projection specifications are as follows:

- Ellipse: GRS 1980
- Ellipse major axis: 6378137m eccentricity: 0.081819191
- Datum: North American 1983 - Canada Mean
- Datum Shifts (x,y,z) : 0, 0, 0 metres
- Map Projection: Universal Transverse Mercator Zone 9 (Central Meridian 129°W)
- Central Scale Factor: 0.9996
- False Easting, Northing: 500,000m, 0m

9.2. Flight Path & Terrain Clearance

The position of the survey helicopter was directed by use of the Global Positioning System (GPS). Positions were updated five times per second (5Hz) and expressed as WGS84 latitude and longitude calculated from the raw pseudo range derived from the C/A code signal. The instantaneous GPS flight path, after conversion to UTM co-ordinates, is drawn using linear interpolation between the x/y positions. The terrain clearance was maintained with reference to the radar altimeter. The raw Digital Terrain Model (DTM) was derived by taking the GPS survey elevation and subtracting the radar altimeter terrain clearance values. The calculated topography elevation values are relative to WGS84 (GPS) altitude and are not tied in to surveyed geodetic heights.

Each flight included at least two high elevation 'background' checks. During the high elevation checks, an internal 5 second wide calibration pulse in all EM channels was generated in order to ensure that the gain of the system remained constant and within specifications.

9.3. Electromagnetic Data

The raw streaming data, sampled at a rate of 38,400 Hz (128 channels, 300 times per second) was reprocessed using a proprietary software algorithm developed and owned by Aeroquest Limited. Processing involves the compensation of the X and Z component data for the primary field waveform. Coefficients for this compensation for the system transient are determined and applied to the stream data. The stream data are then pre-filtered, stacked, binned to the 33 on and off-time channels and checked for the effectiveness of the compensation and stacking processes. The stacked data is then filtered, leveled and split up into the individual line segments. Further base level adjustments may be carried out at this stage.

The final field processing step was to merge the processed EM data with the other data sets into a Geosoft GDB file. The EM fiducial is used to synchronize the two datasets. The processed channels are mergered into 'array format; channels in the final Geosoft database as Zon, Zoff, Xon, and Xoff

The filtering of the stacked data is designed to remove or minimize high frequency noise that can not be sourced from the geology. Apparent bedrock EM anomalies were interpreted with the aid of an auto-pick from positive peaks and troughs in the on-time Z channel responses correlated with X channel responses. The auto-picked anomalies were reviewed and edited by a geophysicist on a line by line basis to discriminate between thin and thick conductor types. Anomaly picks locations were migrated and removed as required. This process ensures the optimal representation of the conductor centres on the maps.

At each conductor pick, estimates of the off-time conductance have been generated based on a horizontal plate source model for those data points along the line where the response amplitude is sufficient to yield an acceptable estimate. Some of the EM anomaly picks do not display a tau value; this is due to the inability to properly define the decay of the conductor usually because of low signal amplitudes. Each conductor pick was then classified according to a set of seven ranges of calculated off-time conductance values. For high conductance sources, the on-time conductance values may be used, since it provides a more accurate measure of high-conductance sources. Each symbol is also given an identification letter label, unique to each flight line. Conductor picks that did not yield an acceptable estimate of off-time conductance due to a low amplitude response were classified as a low conductance source. Please refer to the anomaly symbol legend located in the margin of the maps.

9.4. Magnetic Data

Prior to any leveling the magnetic data was subjected to a lag correction of -0.1 seconds and a spike removal filter. The filtered aeromagnetic data were then corrected for diurnal variations using the magnetic base station and the intersections of the tie lines. No corrections for the regional reference field (IGRF) were applied. The corrected profile data were interpolated on to a grid using a random grid technique with a grid cell size of 25 metres. The final leveled grid provided the basis for threading the presented contours which have a minimum contour interval of 10 nT.

In order to enhance subtle magnetic trends a 'tilt' derivative grid was calculated from the total magnetic intensity (TMI) grid. **This product is included in the final digital archive.** The Tilt Derivative (TDR) of the TMI enhances low amplitude and small wavelength magnetic features which define shallow basement structures as well as potential mineral exploration targets. The TILT derivative can be though of as a combination of the first vertical derivative and the total horizontal derivative of the total magnetic intensity.

Mathematically, the TDR is defined as:

TDR = arctan (VDR/THDR), where VDR and THDR are first vertical and total horizontal derivatives, respectively, of the total magnetic intensity T.

VDR = dT/dz
THDR = sqrt ($(dT/dx)^2$+ $(dT/dy)^2$)

Due to the nature of the arctan trigonometric function in the filter, all amplitudes are restricted to $+\pi/2$ and $-\pi/2$ radians. This gives the Tilt derivative the added advantage of acting like an automatic gain control (AGC) filter. The calculated TDR grid is presented a colour sun-shaded image (illumination from the north-northeast). Line contours are also overlain which have a minimum contour interval of 0.05 radians.

10.Results and Interpretation

The survey was successful in mapping the magnetic and conductive properties of the geology throughout the survey area. Below is a brief interpretation of the results. For a detailed interpretation please contact Aeroquest Limited.

10.1. EM Anomalies – General Comments

The EM anomalies on the maps are classified by conductance (as described earlier in the report) and also by the thickness of the source. A thin, vertically orientated source produces a double peak anomaly in the z-component response and a positive to negative crossover in the x-component response (

Figure 9). For a vertically orientated thick source (say, greater than 10m), the response is a single peak in the z-component response and a negative to positive crossover in the x-component response (Figure 10). Because of these differing responses, the AeroTEM system provides discrimination of thin and thick sources and this distinction is indicated on the EM anomaly symbols (N = thin and K = thick). Where multiple, closely spaced conductive sources occur, or where the source has a shallow dip, it can be difficult to uniquely determine the type (thick vs. thin) of the source (Figure 11). In these cases both possible source types may be indicated by picking both thick and thin response styles. For shallow dipping conductors the 'thin' pick will be located over the edge of the source, whereas the 'thick' pick will fall over the downdip 'heart' of the anomaly.

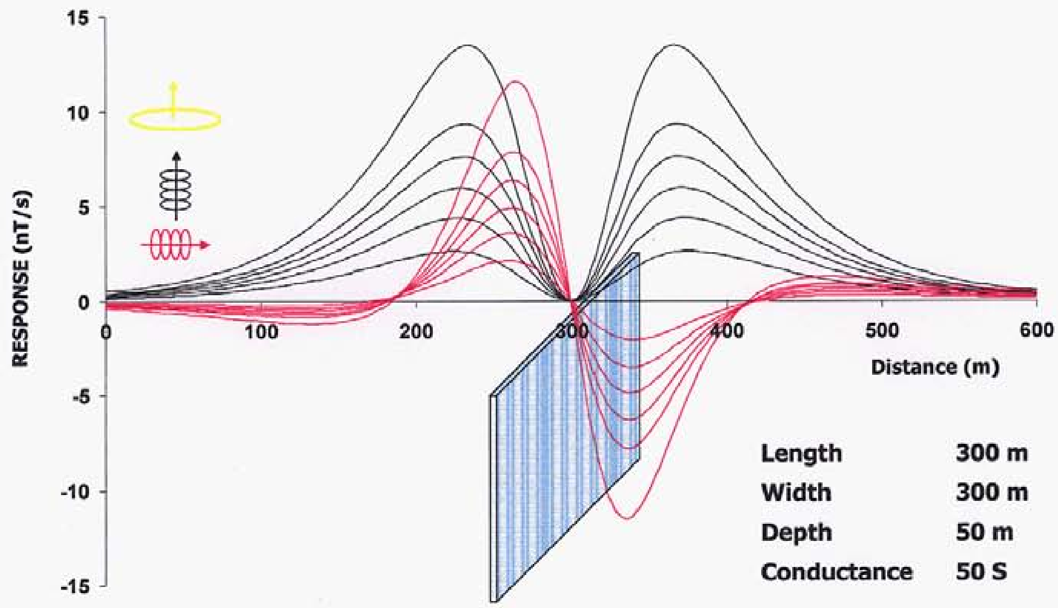


Figure 9. AeroTEM response to a 'thin' vertical conductor.

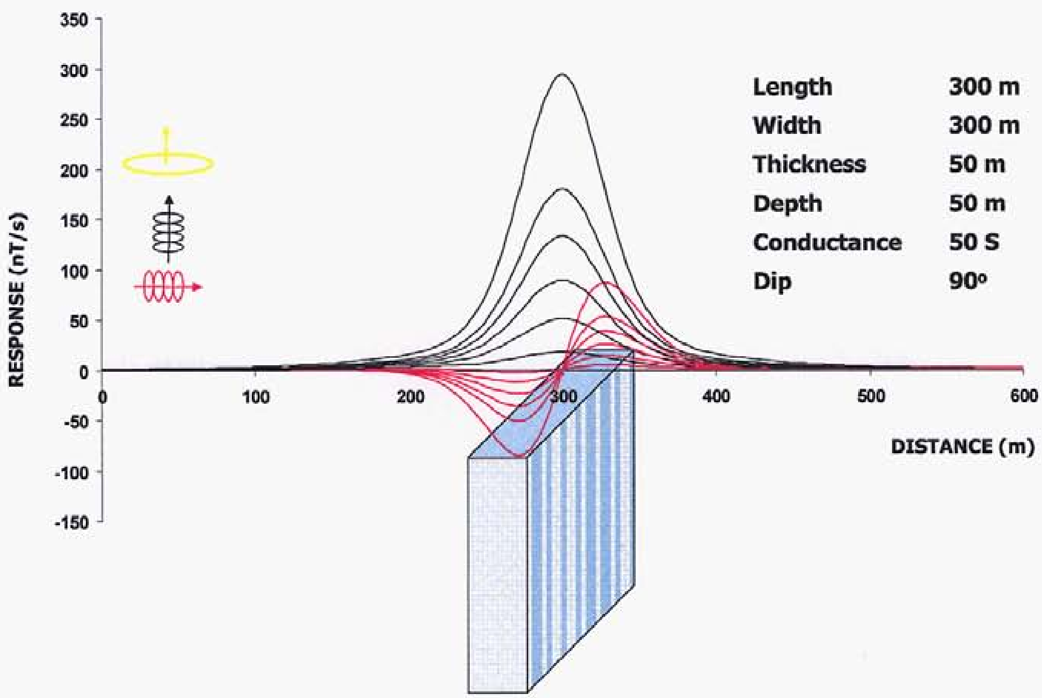


Figure 10. AeroTEM response for a 'thick' vertical conductor.

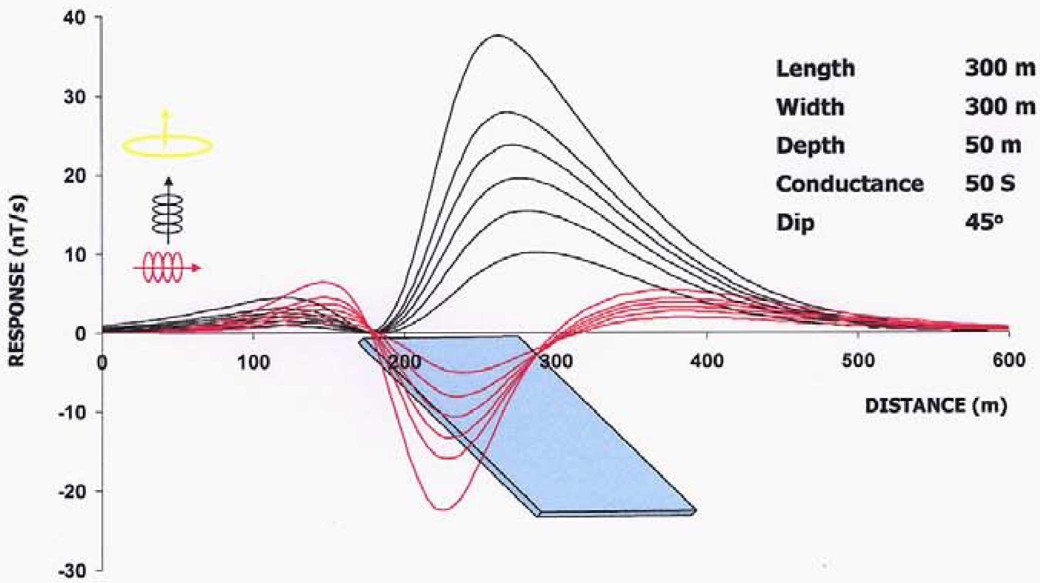


Figure 11. AeroTEM response over a 'thick' dipping conductor.

All cases should be considered when analyzing the interpreted picks and prioritizing for follow-up. Specific anomalous responses which remain as high priority should be subjected to numerical modeling prior to drill testing to determine the dip, depth and probable geometry of the source.

10.2. EM Anomalies -Interpretation

EM responses of exploration interest are described below. A full listing of all mapped EM anomalies is presented in Appendix 3. EM anomalies are identified by flight line number followed by the anomaly alphanumeric label(s). In many cases, there may be more than one anomaly label for a single conductor since both the top edge and down-dip 'heart' of the conductor may be indicated. Unless noted, the UTM coordinates listed indicate the position at which the conductor is closest to surface. Anomaly picks which occur in a favourable geological and geochemical environment should be assigned a higher priority. Coordinates are in NAD83 UTM 9N.

Targets	Comments	Easting	Northing
L10480 A,B	Low conductance target, likely near surface and likely sourced by spalerite mineralisation. Conductor appears to dip East and possibly to the NE to L10470K at depth. May be associated with NW-SE trending magnetic boundary which likely identifies a fault system. Discontinuity of the formational (sedimentary) conductors to the north also suggest a fault structure in this vicinity. Should be ground truthed at L10480A near the shoreline of a river.	407891	6262532
L10500A	Similar response described in L10480 and likely related. Subtle magnetic association, and slightly higher conductance.	408173	6262320
L10340D,E,F,G,H	A series of high conductance EM picks which define several closely spaced thin (N) and thick (K) style responses. Differs in position and conductance from the sedimentary trends mapped to the north and south.. Spatially correlates with discrete magnetic response. (refer to TMI Map, Plate 1). Follow up is recommended. Possibly related to thickening of sedimentary horizons due to faulting, but could be 'Eskay-Creek' style mineralization.. Note that adjacent responses to the north (L10330F,G) also shows anomalous conductance but has less correlation to the discrete magnetic response.	410410	6263934
L10550C,D,E	Anomalous conductance within the sedimentary trend (30-40S), and subtle magnetic association (similar to above). May reflect massive sulphide up against conductive sediments. Follow up recommended.	411489	6261835
L10452A,B	WEST dipping anomalous conductance within the sedimentary trend (21-25S). Occurs in a at the northern terminus of magnetic low paralleling the sedimentary strike. Follow up recommended. Conductor may extend southward to L10462K.	410773	6262803
L10960A,B	Strong conductor clearly dipping East (20S). Subtle magnetic response evident. Similar response visible on L10950D,E to north, indicates the strike is NE (144°). No response visible	414018	6257730

	on adjacent line to the south. Likely sourced by massive sulphide. Follow up recommended.		
L10930D	Moderate conductance and discrete response (10S) on the peak of broad, oblate magnetic high (~300 nT amplitude). Conductor appears to be near to surface and steeply dipping East. Should be ground truthed ~ 30-50 m east of anomaly symbol on map which indicates the heart of the response.	409859	6258025
L11080C	10S Conductor on sharp magnetic boundary. Similar responses noted to the NW and SE along strike. Possibly sourced by conductive sediments.	409444	6256525
L11070C L11080D,E L11090C L11100E	Isolated North-South trending zone of conductivity on the western margin of a magnetic high. L1080D,E suggests steep westerly dip. 1-5S conductance. Follow-up is recommended.	411022 to 410922	6256531
L10850A,B L10860D L10870A,B	Increase in conductivity at northern terminus of a formational style conductor trend. Magnetic complexity in the vicinity.	414817	6258724
L11440B	Discrete thin conductor. Low amplitude.	416031	6252933
L11460A,B,C	6S conductor(s) on subtle magnetic response. Possible westerly dip. No responses on adjacent lines.	416758	6252732
L11270A,B	4S thin conductor in subtle magnetic low. Dipping East. Also see responses on adjacent lines to North and South.	414566	6254614

Respectfully submitted,

Matthew Pozza MSc.

Geophysicist
Aeroquest Limited
July, 2006

APPENDIX 1 – PROJECT CORNER COORDINATES

The Project consists of 2 blocks with boundaries as defined in the following table. Positions are in UTM Zone 9 – NAD83.

Northern Block

X	Y
404839.2	6267229.8
408242.6	6267235.0
408182.2	6265115.2
412008.6	6265054.8
414445.3	6259355.6
416177.3	6257684.1
416103.0	6253871.9
417163.2	6252369.9
414163.2	6252369.9
413103.0	6253871.9
411525.2	6254623.0
409229.4	6254683.4
407175.3	6256757.7
407195.4	6258429.2
404738.5	6264209.0

Southern Block

X	Y
416176.3	6251871.0
420418.9	6251871.0
420384.2	6249931.0
416139.7	6249931.0

APPENDIX 2 - Description of Database Fields

The GDB file is a Geosoft binary database. In the database, the Survey lines and Tie Lines are prefixed with an "L" for "Line" and "T" for "Tie".

Database (05077_ final.gdb):

Column	Units	Description
emfid		AERODAS Fiducial
utctime	hh:mm:ss.ss	UTC time
x	m	UTM Easting (NAD83, zone 9N)
y	m	UTM Northing (NAD83, zone 9N)
bheight	m	Terrain clearance of EM bird
dtmf	m	Digital Terrain Model
magf	nT	Final leveled total magnetic intensity
basemagf	nT	Base station total magnetic intensity
ZOn1-ZOn16	nT/s	Processed Streaming On-Time Z component Channels 1-16
ZOff0-ZOff16	nT/s	Processed Streaming Off-Time Z component Channels 0-16
XOn1-XOn16	nT/s	Processed Streaming On-Time X component Channels 1-16
XOff0-XOff16	nT/s	Processed Streaming Off-Time X component Channels 0-16
Anom_labels		Letter label of conductor pick
Anom_ID		Letter label of conductor thickness (N or K)
off_tau	S	Off-time decay constant
on_con	S	On-time conductance
grade		Classification from 1-7 based on conductance of conductor pick

APPENDIX 3: AEROTEM ANOMALY LISTING

Line	Anom	ID	Grade	Cond. (S)	Tau (us)	UTC Time	Easting (m)	Northing (m)	Bird Height (m)	DTM (m)
10010	A	K	3	8.5	292.0	18:07:18	407082	6267234	66.9	344.2
10010	B	K	4	19.7	444.0	18:07:47	407672	6267237	66.8	289.1
10010	C	K	6	48.3	694.9	18:08:17	408232	6267232	70.0	254.7
10020	A	K	4	18.0	424.1	18:09:09	407896	6267119	70.6	260.4
10030	A	N	2	2.8	166.8	18:16:20	406729	6267028	69.1	403.8
10030	B	K	2	2.8	166.8	18:16:25	406822	6267033	64.4	389.9
10030	C	K	5	20.8	455.5	18:17:10	407674	6267036	54.8	275.4
10040	A	K	3	9.4	305.9	18:18:45	407424	6266912	64.1	273.5
10040	B	K	3	6.7	259.4	18:19:14	406872	6266925	53.1	369.8
10040	C	N	3	6.7	259.4	18:19:20	406774	6266926	59.2	393.5
10050	A	N	2	2.4	154.1	18:24:20	406702	6266836	81.7	403.0
10050	B	K	2	2.4	154.1	18:24:27	406833	6266835	69.5	366.8
10050	C	K	4	17.9	422.7	18:24:56	407428	6266835	70.4	265.9
10050	D	K	6	48.9	699.1	18:25:33	408211	6266829	70.6	254.6
10060	A	K	3	8.5	291.6	18:26:39	407467	6266712	71.7	266.1
10060	B	K	3	8.9	297.6	18:27:12	406821	6266730	52.2	392.3
10070	A	K	3	8.1	284.9	18:32:26	406861	6266629	52.9	378.9
10070	B	K	3	8.3	288.3	18:32:56	407480	6266636	74.5	262.1
10070	C	K	4	14.7	382.9	18:33:30	408157	6266632	55.2	255.7
10080	A	K	4	16.8	410.4	18:34:11	408212	6266513	54.8	288.9
10080	B	N	4	16.8	410.4	18:34:15	408165	6266519	70.8	256.5
10080	C	K	4	11.2	334.6	18:34:51	407496	6266528	67.5	263.2
10080	D	K	4	12.5	353.3	18:35:21	406921	6266525	51.0	343.9
10090	A	K	4	10.4	322.4	18:40:33	406920	6266435	63.5	344.8
10090	B	K	4	16.6	407.6	18:40:41	407092	6266432	47.4	328.2
10090	C	K	4	17.9	423.5	18:40:54	407378	6266432	74.9	280.0
10090	D	K	4	19.2	438.2	18:41:25	408046	6266422	41.3	253.9
10090	E	K	4	18.2	426.1	18:41:36	408204	6266417	54.6	306.7
10100	A	K	4	15.6	394.7	18:42:16	408159	6266317	55.0	311.8
10100	B	K	4	19.3	438.7	18:42:56	407423	6266320	85.5	258.9
10100	C	K	4	13.7	370.1	18:43:24	406869	6266333	60.8	352.0
10110	A	N	3	9.5	307.8	18:48:35	406839	6266239	64.1	355.6
10110	B	K	3	9.5	307.8	18:48:39	406917	6266238	51.5	352.1
10110	C	K	4	15.8	396.9	18:49:04	407428	6266232	72.5	280.1
10110	D	K	3	9.4	306.6	18:49:36	408109	6266236	86.4	273.9
10120	A	K	3	6.9	263.2	19:37:16	408121	6266132	58.7	336.5
10120	B	K	2	2.5	157.3	19:37:53	407445	6266127	73.5	260.4
10120	C	K	2	3.5	187.1	19:38:24	406869	6266124	63.4	355.1
10130	A	K	2	4.0	200.3	19:44:03	406840	6266038	78.2	355.2
10130	B	K	2	3.8	195.9	19:44:37	407502	6266028	74.1	251.4
10130	C	K	3	7.2	268.9	19:45:03	408027	6266030	66.0	266.3
10130	D	N	3	7.2	268.9	19:45:20	408135	6266031	61.6	354.4
10140	A	K	4	10.9	330.5	19:46:26	407981	6265923	89.9	248.0
10140	B	N	2	4.0	198.8	19:46:58	407398	6265931	62.5	262.1
10140	C	K	2	2.5	159.4	19:47:28	406877	6265920	55.5	359.1
10150	A	K	2	1.2	107.9	19:53:04	406833	6265830	77.5	345.9
10150	B	K	3	5.2	228.2	19:53:33	407460	6265836	71.5	264.2

Line	Anom	I D	Grade	Cond. (S)	Tau (us)	UTC Time	Easting (m)	Northing (m)	Bird Height (m)	DTM (m)
10150	C	K	3	7.2	269.0	19:54:00	407994	6265836	62.1	265.5
10150	D	N	2	4.7	217.6	19:54:24	408152	6265832	39.6	391.2
10160	A	K	3	9.2	302.9	19:55:32	407961	6265719	100.0	242.8
10160	B	K	3	5.3	231.0	19:56:00	407417	6265721	79.6	254.6
10160	C	K	2	1.5	122.9	19:56:33	406793	6265714	64.4	369.9
10170	A	K	3	7.4	271.1	20:03:04	407936	6265632	54.3	263.7
10180	A	K	4	13.9	372.9	20:04:47	407654	6265527	49.2	245.3
10190	A	K	3	9.9	315.0	20:11:51	407580	6265436	68.5	243.8
10190	B	K	2	3.3	180.7	20:12:21	408068	6265436	60.4	312.9
10200	A	K	2	5.0	223.5	20:13:30	408049	6265319	85.3	286.6
10200	B	K	3	7.8	279.0	20:13:55	407564	6265321	73.7	249.6
10210	A	K	4	11.6	340.9	20:20:50	407615	6265236	92.7	239.4
10210	B	K	2	3.8	194.9	20:21:15	408060	6265229	63.8	291.6
10220	A	K	3	9.7	311.9	20:22:14	408105	6265125	81.3	298.2
10220	B	K	4	13.1	361.3	20:22:38	407609	6265124	62.8	245.2
10230	A	K	4	15.3	391.1	20:29:36	407689	6265028	80.1	239.9
10230	B	K	2	4.1	203.6	20:30:09	408214	6265035	57.7	350.0
10230	C	K	2	1.6	125.2	20:31:27	409055	6265021	54.8	828.2
10230	D	K	3	9.4	306.6	20:31:57	409582	6265036	59.7	925.7
10230	E	K	3	7.7	277.8	20:32:30	410102	6265025	41.6	1004.7
10230	F	N	3	6.9	263.2	20:32:33	410142	6265030	35.9	1027.9
10230	G	K	3	6.9	263.2	20:32:35	410162	6265033	38.1	1035.2
10230	H	N	4	12.5	353.0	20:32:44	410244	6265037	46.0	1064.7
10230	I	K	4	12.5	353.0	20:32:49	410303	6265034	31.5	1087.3
10230	J	K	3	8.7	294.5	20:33:06	410589	6265030	85.9	1043.3
10231	A	N	2	1.6	124.3	18:13:16	411356	6265035	76.2	1446.2
10240	A	K	3	5.3	230.8	02:24:36	411289	6264940	73.4	1404.2
10240	B	K	5	24.5	495.2	02:25:12	410632	6264926	60.6	1084.2
10240	C	N	3	9.3	305.2	02:25:32	410222	6264925	42.7	1075.0
10240	D	K	3	9.3	305.2	02:25:38	410124	6264922	57.6	1015.6
10240	E	K	1	0.7	82.5	02:25:57	409733	6264929	70.6	950.1
10240	F	K	1	0.2	42.4	02:26:08	409553	6264929	58.5	934.3
10240	G	N	1	0.6	78.6	02:26:35	409151	6264929	51.8	833.7
10240	H	K	1	0.6	78.6	02:26:41	409058	6264935	50.0	823.9
10240	I	K	3	6.4	253.2	02:27:58	408291	6264912	73.3	357.3
10240	J	N	3	6.4	253.2	02:28:35	407688	6264925	64.2	249.6
10241	A	K	3	6.3	250.8	18:11:12	411302	6264917	49.9	1419.8
10241	B	N	3	6.3	250.8	18:11:16	411350	6264922	46.4	1449.0
10250	A	K	3	8.2	286.3	02:19:46	407671	6264826	87.0	254.3
10250	B	K	3	7.1	265.8	02:20:25	408342	6264827	50.3	382.6
10250	C	K	2	1.5	121.7	02:21:47	409446	6264831	47.6	931.3
10250	D	K	1	1.0	97.4	02:22:03	409787	6264824	42.8	965.6
10250	E	K	3	5.1	226.0	02:22:10	409951	6264818	55.5	976.1
10250	F	K	3	7.6	275.1	02:22:17	410108	6264825	70.0	987.3
10250	G	N	3	7.6	275.1	02:22:20	410165	6264822	49.7	1026.4
10250	H	K	3	6.5	255.2	02:22:33	410296	6264818	33.1	1093.8
10250	I	K	3	8.4	290.6	02:22:51	410674	6264816	57.7	1087.8
10251	A	N	3	5.3	229.9	18:10:36	411422	6264829	45.0	1491.9
10251	B	K	3	5.3	229.9	18:10:40	411363	6264828	42.9	1473.5

Line	Anom	ID	Grade	Cond. (S)	Tau (us)	UTC Time	Easting (m)	Northing (m)	Bird Height (m)	DTM (m)
10260	A	K	3	8.1	283.7	02:10:06	410746	6264724	62.8	1124.6
10260	B	N	2	4.2	203.9	02:10:13	410571	6264726	47.1	1089.6
10260	C	K	2	4.2	203.9	02:10:17	410483	6264732	52.1	1081.9
10260	D	N	3	5.8	240.0	02:10:20	410405	6264731	52.2	1076.7
10260	E	K	3	5.8	240.0	02:10:22	410361	6264731	50.9	1073.3
10260	F	K	2	3.3	182.5	02:10:41	409946	6264730	68.5	956.2
10260	G	K	2	3.8	194.8	02:12:21	408444	6264722	66.3	415.6
10260	H	N	2	3.5	185.7	02:12:54	407785	6264722	65.8	251.6
10260	I	K	2	3.5	185.7	02:12:58	407699	6264723	59.9	268.4
10260	J	N	2	1.6	125.9	02:13:34	407035	6264729	56.7	504.4
10261	A	K	4	11.0	331.0	18:07:52	411312	6264722	31.8	1447.9
10261	B	N	3	8.6	293.1	18:08:03	411388	6264729	35.4	1490.9
10261	C	K	3	8.6	293.1	18:08:06	411430	6264729	33.5	1499.9
10261	D	N	1	0.8	88.1	18:08:48	411915	6264731	43.3	1623.5
10270	A	K	1	0.7	84.2	02:01:41	406159	6264636	76.0	718.2
10270	B	N	2	4.4	209.4	02:02:31	407069	6264628	118.4	489.6
10271	A	K	4	17.2	414.8	02:04:38	407912	6264632	72.2	233.5
10271	B	K	3	8.7	294.5	02:05:16	408451	6264632	71.2	391.3
10271	C	N	4	10.3	320.5	02:06:44	409950	6264629	58.1	963.0
10271	D	K	4	10.3	320.5	02:06:48	410053	6264631	52.4	965.5
10271	E	N	2	3.8	195.2	02:07:12	410401	6264634	39.2	1092.6
10271	F	K	2	3.8	195.2	02:07:15	410465	6264635	42.3	1096.4
10271	G	K	3	7.4	271.5	02:07:29	410788	6264628	43.0	1143.1
10272	A	N	1	0.7	84.2	18:06:31	411940	6264633	39.9	1651.4
10272	B	K	1	0.7	84.2	18:06:37	411886	6264630	50.0	1623.1
10272	C	N	3	9.1	301.6	18:07:10	411428	6264623	51.6	1470.3
10272	D	K	3	9.1	301.6	18:07:13	411375	6264625	47.2	1454.6
10280	A	N	3	7.6	275.8	01:50:54	411402	6264532	50.0	1443.3
10280	B	K	3	7.6	275.8	01:50:58	411354	6264534	57.7	1422.2
10280	C	K	3	8.7	294.4	01:51:30	410848	6264530	52.7	1173.4
10280	D	K	2	2.4	155.5	01:51:50	410466	6264537	44.7	1122.8
10280	E	N	2	2.4	155.5	01:51:53	410408	6264538	38.8	1127.3
10280	F	K	3	7.3	269.8	01:51:56	410348	6264536	42.5	1117.7
10280	G	K	3	9.2	303.9	01:52:11	410084	6264530	77.7	965.3
10280	H	N	3	9.2	303.9	01:52:21	409868	6264534	56.3	1005.7
10280	I	K	2	4.7	217.4	01:54:04	408492	6264533	58.8	391.2
10280	J	K	4	11.1	333.3	01:54:35	407935	6264524	62.2	246.7
10280	K	N	2	1.9	136.2	01:55:27	407099	6264536	55.9	483.1
10290	A	K	1	0.4	62.5	01:42:04	405159	6264416	45.4	833.4
10290	B	K	3	9.7	311.3	01:44:02	407189	6264430	70.2	445.9
10290	C	K	5	27.6	525.1	01:44:46	408054	6264432	73.9	230.1
10290	D	K	3	9.2	303.5	01:45:15	408481	6264430	61.3	366.0
10290	E	N	3	9.2	303.5	01:45:28	408677	6264436	46.9	466.3
10290	F	N	4	10.4	321.9	01:47:11	409972	6264419	54.7	1013.3
10290	G	K	4	10.4	321.9	01:47:15	410076	6264419	68.4	986.2
10290	H	K	3	9.8	312.4	01:47:41	410317	6264425	46.7	1105.7
10290	I	K	3	6.9	262.2	01:47:50	410376	6264426	45.8	1139.0
10290	J	N	3	6.9	262.2	01:47:53	410416	6264430	42.2	1145.6
10290	K	K	2	4.2	205.0	01:47:59	410534	6264427	58.6	1133.3

Line	Anom	I D	Grade	Cond. (S)	Tau (us)	UTC Time	Easting (m)	Northing (m)	Bird Height (m)	DTM (m)
10290	L	K	4	10.7	326.6	01:48:12	410841	6264430	52.8	1167.7
10290	M	N	4	10.7	326.6	01:48:15	410893	6264428	55.2	1188.6
10291	A	K	2	4.0	200.7	18:03:05	411368	6264426	52.5	1427.1
10291	B	K	4	14.7	384.0	18:03:09	411296	6264424	53.4	1393.9
10300	A	N	3	10.0	315.5	00:53:04	410951	6264327	69.6	1217.3
10300	B	K	3	10.0	315.5	00:53:08	410887	6264333	73.5	1181.4
10300	C	K	2	4.3	206.8	00:53:32	410492	6264331	50.1	1137.4
10300	D	N	2	4.3	206.8	00:53:36	410426	6264329	40.6	1147.9
10300	E	K	3	8.3	287.6	00:53:53	410150	6264319	94.1	985.8
10300	F	N	3	8.3	287.6	00:53:59	410059	6264325	66.1	1009.3
10300	G	N	2	4.7	216.3	00:55:43	408702	6264318	79.5	432.4
10300	H	K	2	4.7	216.3	00:55:55	408538	6264313	75.4	338.6
10300	I	K	4	15.9	399.0	00:56:26	408072	6264337	62.2	243.6
10300	J	K	4	11.7	341.8	00:57:10	407279	6264328	74.8	393.2
10301	A	K	5	26.7	516.5	18:00:40	411294	6264330	32.4	1412.6
10301	B	N	5	26.7	516.5	18:00:44	411343	6264332	34.0	1434.7
10310	A	N	2	1.1	105.7	00:44:12	404842	6264237	84.4	634.4
10310	B	K	2	2.8	165.7	00:46:46	407267	6264231	93.0	417.7
10310	C	K	5	21.3	461.6	00:47:33	408191	6264238	57.6	235.9
10310	D	N	5	21.3	461.6	00:47:42	408344	6264241	71.2	248.1
10310	E	K	3	6.7	258.1	00:47:55	408510	6264237	72.6	313.6
10310	F	N	4	12.0	345.7	00:50:13	410051	6264227	53.4	1047.7
10310	G	K	4	12.0	345.7	00:50:19	410180	6264224	77.2	1010.1
10310	H	N	2	1.4	117.8	00:50:51	410421	6264217	39.4	1163.3
10310	I	K	2	1.4	117.8	00:50:55	410489	6264218	36.1	1170.1
10310	J	K	3	8.1	285.1	00:51:17	410932	6264225	61.9	1199.9
10310	K	N	3	8.1	285.1	00:51:21	410973	6264223	58.1	1221.3
10311	A	K	2	3.0	172.2	17:58:55	411807	6264225	31.2	1572.6
10311	B	N	3	8.9	298.9	17:59:15	411434	6264225	38.9	1482.6
10311	C	K	3	8.9	298.9	17:59:20	411345	6264227	43.3	1455.0
10320	A	K	3	10.0	316.0	00:36:31	410985	6264121	65.3	1225.3
10320	B	K	1	0.9	95.1	00:36:55	410563	6264129	51.8	1157.5
10320	C	N	1	0.9	95.1	00:36:59	410506	6264130	47.5	1168.0
10320	D	K	2	4.1	202.6	00:37:03	410429	6264128	35.3	1177.2
10320	E	K	4	12.5	353.3	00:37:18	410197	6264114	93.0	1031.3
10320	F	K	2	2.7	165.4	00:37:32	409975	6264122	47.1	1066.4
10320	G	N	3	8.7	294.5	00:39:36	408474	6264119	99.3	261.5
10320	H	K	3	8.7	294.5	00:39:46	408265	6264130	72.2	235.1
10320	I	K	2	3.8	194.9	00:40:33	407320	6264133	62.9	407.8
10321	A	K	3	8.7	294.4	17:55:02	411331	6264121	30.3	1454.4
10321	B	N	2	4.9	222.0	17:55:17	411454	6264121	33.4	1520.6
10321	C	K	2	4.9	222.0	17:55:22	411523	6264119	39.9	1530.0
10321	D	N	3	6.4	253.6	17:55:38	411858	6264134	38.7	1612.3
10321	E	K	3	6.4	253.6	17:55:42	411939	6264128	32.7	1624.6
10330	A	K	1	*	*	00:30:33	407336	6264025	96.9	399.6
10330	B	K	4	11.9	344.9	00:31:21	408275	6264029	80.0	240.1
10330	C	N	4	11.9	344.9	00:31:29	408410	6264026	57.4	291.4
10330	D	N	4	13.4	365.9	00:34:02	410124	6264024	58.9	1098.3
10330	E	K	4	13.4	365.9	00:34:08	410236	6264028	87.8	1069.8

Line	Anom	I D	Grade	Cond. (S)	Tau (us)	UTC Time	Easting (m)	Northing (m)	Bird Height (m)	DTM (m)
10330	F	N	5	23.8	488.0	00:34:15	410352	6264035	55.8	1142.2
10330	G	K	5	23.8	488.0	00:34:19	410390	6264029	41.3	1172.3
10330	H	N	2	3.6	189.0	00:34:28	410498	6264027	48.2	1190.2
10330	I	K	2	3.6	189.0	00:34:32	410567	6264023	54.9	1186.7
10330	J	K	3	6.6	256.6	00:34:53	410954	6264044	81.5	1207.7
10331	A	N	3	5.5	235.4	17:53:38	411529	6264025	45.2	1550.7
10331	B	K	3	5.5	235.4	17:53:42	411465	6264025	49.6	1533.4
10340	A	K	4	11.8	342.8	00:19:52	410992	6263928	69.2	1239.0
10340	B	K	4	11.7	341.6	00:19:54	410953	6263926	70.6	1215.8
10340	C	N	4	11.7	341.6	00:19:59	410881	6263925	51.1	1198.3
10340	D	N	3	9.5	307.7	00:20:23	410541	6263934	18.5	1210.9
10340	E	K	4	20.0	446.7	00:20:32	410432	6263934	30.2	1183.5
10340	F	N	4	20.0	446.7	00:20:34	410410	6263934	30.3	1177.5
10340	G	K	3	9.0	299.9	00:20:36	410385	6263934	30.6	1171.8
10340	H	K	4	19.0	435.8	00:20:41	410322	6263935	60.5	1116.0
10340	I	K	3	9.5	308.0	00:21:02	410082	6263926	33.4	1127.3
10340	J	N	3	9.7	311.7	00:23:16	408440	6263926	69.6	291.8
10340	K	K	3	9.7	311.7	00:23:24	408308	6263919	84.4	235.6
10340	L	N	3	9.7	311.7	00:24:24	407219	6263935	68.8	427.6
10341	A	N	3	7.3	271.0	17:51:18	411484	6263928	46.4	1542.5
10341	B	K	3	7.3	271.0	17:51:21	411546	6263927	42.4	1560.4
10350	A	K	4	13.1	361.6	00:14:33	408241	6263821	74.3	235.4
10350	B	N	4	13.1	361.6	00:14:44	408448	6263829	75.9	277.4
10350	C	K	3	8.9	298.1	00:16:53	410346	6263823	79.2	1133.1
10350	D	K	3	9.9	315.3	00:17:04	410517	6263817	54.5	1208.1
10350	E	K	4	16.4	405.3	00:17:28	411022	6263831	68.1	1252.1
10350	F	N	4	16.4	405.3	00:17:31	411075	6263830	52.9	1286.4
10351	A	N	3	8.0	283.1	17:50:13	411518	6263826	58.8	1565.8
10351	B	K	3	8.0	283.1	17:50:17	411464	6263823	50.0	1549.8
10360	A	N	3	8.9	297.5	00:02:08	411530	6263738	69.0	1587.4
10360	B	K	3	8.9	297.5	00:02:16	411428	6263733	73.1	1545.9
10360	C	K	4	15.0	387.0	00:03:02	410982	6263725	65.4	1240.0
10360	D	N	4	15.0	387.0	00:03:07	410890	6263730	38.9	1250.9
10360	E	N	3	8.4	289.4	00:03:31	410476	6263721	41.7	1204.1
10360	F	K	3	8.4	289.4	00:03:36	410402	6263717	42.7	1178.6
10360	G	K	3	5.3	229.0	00:03:57	410216	6263725	39.7	1220.6
10360	H	N	3	5.3	229.0	00:04:03	410164	6263722	47.6	1208.8
10360	I	N	3	9.1	301.0	00:06:21	408376	6263731	83.3	252.6
10360	J	K	3	9.1	301.0	00:06:28	408232	6263730	63.4	230.6
10371	A	K	4	15.0	387.3	23:56:52	408288	6263630	77.8	244.6
10371	B	N	4	15.0	387.3	23:56:59	408413	6263633	77.3	268.6
10371	C	N	2	1.7	129.0	23:59:15	410161	6263622	45.7	1211.5
10371	D	K	2	1.7	129.0	23:59:16	410198	6263619	42.9	1216.8
10371	E	K	3	5.5	234.8	23:59:26	410454	6263620	70.6	1181.2
10371	F	N	3	5.5	234.8	23:59:28	410508	6263623	56.8	1198.9
10371	G	K	4	11.4	337.9	23:59:47	410944	6263636	74.2	1272.7
10371	H	N	2	3.2	178.0	00:00:39	411521	6263647	77.6	1591.7
10371	I	K	2	3.2	178.0	00:00:46	411656	6263650	59.2	1632.9
10380	A	N	2	3.8	194.3	23:41:19	411733	6263527	49.6	1656.3

Line	Anom	ID	Grade	Cond. (S)	Tau (us)	UTC Time	Easting (m)	Northing (m)	Bird Height (m)	DTM (m)
10380	B	N	3	6.3	251.3	23:41:28	411578	6263519	54.5	1603.2
10380	C	K	3	6.3	251.3	23:41:32	411525	6263519	48.1	1590.7
10380	D	K	3	8.2	285.9	23:42:08	411017	6263523	79.7	1274.9
10380	E	N	3	8.2	285.9	23:42:13	410940	6263524	51.6	1275.5
10380	F	N	2	3.7	192.4	23:42:37	410547	6263533	40.3	1213.3
10380	G	K	2	3.7	192.4	23:42:40	410495	6263531	44.1	1191.9
10380	H	K	3	6.2	249.1	23:42:41	410471	6263531	43.3	1184.9
10380	I	N	2	1.2	107.7	23:43:00	410199	6263529	41.7	1205.9
10381	A	N	3	7.6	276.1	23:46:27	408488	6263531	62.9	276.7
10381	B	K	3	7.6	276.1	23:46:36	408299	6263531	70.9	263.0
10391	A	K	3	6.7	259.5	00:42:50	408211	6263432	57.7	237.4
10391	B	N	4	14.7	383.5	00:43:03	408468	6263425	69.3	296.9
10391	C	K	4	14.7	383.5	00:43:14	408727	6263424	86.8	285.1
10391	D	K	1	0.5	73.7	00:45:30	410140	6263426	43.2	1237.2
10391	E	K	2	3.0	173.3	00:45:47	410459	6263430	62.8	1170.6
10391	F	N	2	3.0	173.3	00:45:52	410549	6263429	50.9	1197.0
10391	G	N	2	4.5	211.6	00:46:06	410802	6263428	56.6	1266.4
10391	H	N	3	6.9	263.1	00:46:11	410906	6263429	45.8	1290.2
10391	I	K	3	6.9	263.1	00:46:15	411008	6263427	64.2	1294.0
10392	A	N	3	7.3	269.8	23:37:53	411571	6263427	51.8	1615.1
10392	B	K	3	7.3	269.8	23:37:57	411644	6263427	65.7	1619.9
10400	A	K	2	4.1	203.4	00:29:45	411040	6263323	84.5	1292.7
10400	B	N	2	4.1	203.4	00:29:49	410996	6263322	66.8	1291.8
10400	C	K	2	3.0	174.1	00:30:24	410507	6263324	60.9	1179.8
10400	D	K	2	1.2	107.7	00:30:51	410179	6263326	35.6	1257.8
10400	E	K	2	2.8	166.7	00:32:49	408806	6263326	68.0	324.0
10400	F	K	3	6.9	262.2	00:32:58	408664	6263322	50.2	291.8
10400	G	K	2	3.1	177.0	00:33:25	408241	6263327	56.7	241.8
10401	A	K	2	4.6	213.8	23:36:38	411674	6263326	45.9	1623.6
10401	B	N	2	4.6	213.8	23:36:43	411597	6263327	52.5	1608.4
10410	A	K	2	3.0	172.6	20:45:46	411744	6263229	49.0	1595.9
10410	B	N	2	3.0	172.6	20:45:50	411665	6263225	50.0	1590.9
10410	C	N	3	8.5	290.9	20:46:25	411063	6263226	71.2	1310.1
10410	D	K	3	8.5	290.9	20:46:29	410990	6263226	57.8	1301.6
10410	E	N	4	10.6	325.9	20:46:51	410629	6263222	46.0	1221.5
10410	F	K	4	10.6	325.9	20:46:54	410580	6263224	48.8	1201.2
10410	G	K	1	0.5	72.4	20:47:28	410164	6263216	22.5	1281.5
10410	H	K	3	5.9	243.2	20:49:31	408760	6263219	69.9	308.3
10410	I	K	3	5.8	240.1	20:49:50	408479	6263226	48.5	289.5
10410	J	K	2	2.6	160.6	20:50:10	408254	6263231	49.1	250.9
10421	A	K	3	5.3	230.2	20:38:22	408285	6263121	65.8	255.3
10421	B	K	3	5.6	236.2	20:38:31	408449	6263128	68.6	287.4
10421	C	K	2	5.0	222.5	20:38:45	408757	6263138	71.5	330.9
10421	D	N	2	5.0	222.5	20:38:50	408848	6263139	73.6	344.0
10421	E	K	1	0.3	58.6	20:41:15	410120	6263124	40.6	1250.8
10421	F	K	3	9.8	312.9	20:41:41	410597	6263128	57.1	1195.1
10421	G	N	3	9.8	312.9	20:41:43	410652	6263126	40.8	1218.9
10421	H	N	3	6.6	257.5	20:42:08	411035	6263130	56.6	1315.9
10421	I	K	3	6.6	257.5	20:42:13	411130	6263129	62.3	1342.3

Line	Anom	I D	Grade	Cond. (S)	Tau (us)	UTC Time	Easting (m)	Northing (m)	Bird Height (m)	DTM (m)
10421	J	K	3	7.3	269.4	20:42:13	411140	6263129	61.3	1347.4
10421	K	N	2	4.7	217.4	20:42:57	411683	6263132	42.9	1565.2
10421	L	K	2	4.7	217.4	20:43:03	411794	6263133	28.2	1567.6
10430	A	K	2	1.2	109.6	19:45:24	407332	6263033	62.7	412.1
10430	B	K	3	6.6	257.0	19:46:32	408433	6263030	43.7	310.7
10430	C	K	3	8.3	288.5	19:46:53	408798	6263031	73.0	367.1
10430	D	N	3	8.3	288.5	19:46:58	408887	6263031	70.7	391.4
10430	E	K	1	0.1	23.8	19:49:10	410174	6263019	36.1	1270.0
10430	F	N	1	1.0	98.4	19:49:26	410471	6263026	59.3	1226.5
10430	G	K	2	4.1	202.0	19:49:34	410654	6263026	48.4	1226.5
10430	H	N	2	4.1	202.0	19:49:39	410742	6263027	41.9	1273.3
10430	I	N	3	5.1	224.7	19:49:54	411017	6263028	54.7	1334.0
10430	J	K	3	5.1	224.7	19:49:57	411100	6263026	62.6	1343.7
10430	K	N	2	4.1	202.6	19:50:48	411751	6263030	48.1	1539.6
10430	L	K	2	4.1	202.6	19:50:59	411914	6263026	38.7	1534.9
10440	A	N	2	3.9	196.9	19:34:16	412078	6262934	58.4	1450.0
10440	B	N	3	5.3	230.0	19:34:28	411861	6262922	47.8	1474.7
10440	C	N	3	6.3	251.7	19:35:21	411080	6262921	63.5	1320.1
10440	D	K	3	6.3	251.7	19:35:23	411042	6262919	48.5	1320.0
10440	E	K	3	7.0	264.1	19:35:46	410679	6262925	56.0	1213.8
10440	F	N	3	5.3	229.6	19:38:03	408936	6262920	87.3	444.3
10440	G	K	3	5.3	229.6	19:38:14	408813	6262923	74.0	373.4
10440	H	K	2	2.3	150.6	19:38:41	408384	6262929	67.9	266.4
10451	A	K	2	4.8	220.1	23:14:20	408829	6262820	104.9	380.4
10451	B	K	3	7.9	281.6	23:14:25	408752	6262822	76.9	376.4
10451	C	K	2	2.1	144.4	23:14:43	408415	6262821	62.8	311.0
10452	A	K	5	24.6	495.9	19:30:03	410699	6262810	47.9	1217.0
10452	B	N	5	24.6	495.9	19:30:08	410775	6262803	36.4	1253.2
10452	C	N	3	6.3	250.4	19:30:29	411131	6262826	50.0	1320.2
10452	D	K	3	6.3	250.4	19:30:30	411141	6262826	50.0	1321.4
10452	E	K	4	17.7	420.7	19:30:34	411223	6262826	39.4	1356.1
10452	F	N	2	1.6	126.2	19:31:18	411812	6262837	38.4	1429.5
10452	G	K	2	1.6	126.2	19:31:22	411868	6262831	81.9	1378.7
10452	H	K	2	3.9	198.6	19:31:32	411992	6262825	38.9	1400.1
10452	I	N	2	3.9	198.6	19:31:37	412062	6262826	50.0	1381.7
10460	A	K	2	2.0	142.6	23:04:46	408401	6262725	64.2	324.2
10460	B	K	2	3.5	186.0	23:05:10	408853	6262730	70.3	392.3
10460	C	N	2	3.5	186.0	23:05:15	408934	6262729	64.8	428.9
10462	A	K	2	2.7	164.8	19:26:47	412068	6262717	74.4	1300.0
10462	B	N	3	6.9	262.1	19:26:59	411925	6262716	59.0	1284.9
10462	C	K	3	6.9	262.1	19:27:02	411882	6262716	52.6	1290.7
10462	D	K	3	9.3	304.1	19:27:04	411856	6262715	42.0	1306.8
10462	E	K	2	4.3	206.4	19:27:55	411207	6262739	59.3	1313.5
10462	F	N	2	4.3	206.4	19:27:59	411126	6262737	49.4	1309.5
10462	G	K	2	2.7	162.9	19:28:06	410972	6262725	39.5	1292.7
10462	H	N	2	2.7	162.9	19:28:08	410929	6262722	36.2	1286.9
10462	I	K	2	4.0	199.7	19:28:11	410879	6262721	44.2	1267.6
10462	J	N	2	4.0	199.7	19:28:13	410839	6262721	40.8	1260.6
10462	K	K	5	21.2	460.2	19:28:15	410787	6262722	39.8	1247.0

Line	Anom	I D	Grade	Cond. (S)	Tau (us)	UTC Time	Easting (m)	Northing (m)	Bird Height (m)	DTM (m)
10470	A	K	2	3.0	172.0	22:52:48	412087	6262632	68.8	1213.5
10470	B	N	4	10.6	325.6	22:52:57	411964	6262629	71.9	1186.8
10470	C	K	4	10.6	325.6	22:52:59	411923	6262628	68.3	1189.6
10470	D	K	3	6.5	255.1	22:53:35	411288	6262633	50.9	1263.2
10470	E	N	3	6.5	255.1	22:53:41	411176	6262635	42.5	1259.9
10470	F	K	2	1.7	128.9	22:53:49	411037	6262636	36.3	1258.7
10470	G	K	2	3.6	190.9	22:53:54	410932	6262630	39.5	1247.3
10470	H	K	3	6.6	255.9	22:54:01	410823	6262624	49.4	1215.7
10470	I	N	3	6.6	255.9	22:54:09	410684	6262626	54.2	1171.8
10470	J	K	3	6.9	263.2	22:56:33	408877	6262625	77.3	416.8
10470	K	K	2	1.2	107.6	22:57:26	408071	6262624	75.2	244.3
10480	A	N	1	0.5	69.9	22:43:33	407891	6262532	55.8	229.2
10480	B	K	1	0.5	69.9	22:43:38	407991	6262526	71.0	237.6
10480	C	K	2	3.2	179.5	22:44:30	408913	6262532	57.1	433.1
10480	D	N	2	3.2	179.5	22:44:39	409019	6262533	56.3	496.7
10480	E	N	2	2.2	148.7	22:47:10	410644	6262538	64.6	1155.5
10480	F	K	2	2.2	148.7	22:47:19	410776	6262535	46.6	1172.2
10480	G	K	2	3.0	173.9	22:47:32	410905	6262533	35.4	1238.9
10481	A	N	3	9.9	314.8	22:48:56	411256	6262523	41.3	1207.6
10481	B	K	3	9.9	314.8	22:49:02	411334	6262525	48.1	1194.9
10481	C	N	2	1.2	107.7	22:49:48	411962	6262539	59.1	1166.2
10481	D	K	2	1.2	107.7	22:49:55	412075	6262537	82.5	1117.5
10490	A	K	2	2.6	160.5	22:33:36	412009	6262424	43.4	1104.1
10490	B	N	4	10.5	323.3	22:34:16	411374	6262414	63.4	1122.0
10490	C	K	4	10.5	323.3	22:34:21	411265	6262417	51.3	1147.6
10490	D	N	2	1.8	135.6	22:34:56	410745	6262429	112.1	1089.7
10490	E	K	2	1.6	124.6	22:37:07	408942	6262423	92.3	465.4
10490	F	K	1	0.9	95.2	22:37:33	408444	6262416	48.3	402.6
10490	G	K	1	1.0	98.7	22:37:50	408083	6262418	59.7	309.3
10490	H	N	1	1.0	98.7	22:37:58	407926	6262421	56.5	273.1
10500	A	K	2	1.3	112.2	22:23:56	408173	6262320	52.2	345.0
10500	B	N	3	6.5	254.3	22:27:50	410738	6262338	82.7	1040.3
10500	C	K	3	6.5	254.3	22:28:01	410868	6262336	38.1	1117.2
10500	D	K	2	2.4	155.2	22:28:33	411099	6262330	39.8	1165.9
10500	E	N	3	8.0	283.6	22:28:59	411404	6262330	49.1	1070.6
10500	F	K	3	8.0	283.6	22:29:09	411518	6262322	44.0	1091.8
10510	A	K	2	1.1	106.6	22:13:02	412153	6262224	45.1	953.3
10510	B	K	3	8.1	284.0	22:13:51	411491	6262231	62.3	988.0
10510	C	K	1	0.7	86.3	22:14:38	410845	6262237	78.1	1027.2
10510	D	K	1	0.3	50.7	22:17:23	408197	6262220	50.3	370.4
10520	A	K	1	0.2	40.3	22:02:32	407506	6262127	79.0	221.4
10521	A	N	2	3.5	187.3	22:07:48	410843	6262135	45.2	978.2
10521	B	K	2	3.5	187.3	22:07:50	410898	6262136	45.5	978.7
10521	C	K	3	5.5	235.4	22:08:37	411428	6262139	63.7	955.9
10521	D	K	3	7.2	267.4	22:08:45	411541	6262133	55.9	918.3
10530	A	N	1	0.5	69.3	20:40:33	412485	6262021	57.0	758.2
10530	B	K	4	14.8	384.2	20:41:40	411696	6262029	51.7	829.1
10530	C	K	3	9.5	307.9	20:41:49	411570	6262029	53.4	852.9
10530	D	N	2	4.7	216.6	20:41:57	411508	6262027	38.4	904.6

Line	Anom	I D	Grade	Cond. (S)	Tau (us)	UTC Time	Easting (m)	Northing (m)	Bird Height (m)	DTM (m)
10530	E	K	2	4.7	216.6	20:42:03	411462	6262030	42.6	932.2
10530	F	K	2	2.5	159.3	20:42:22	411247	6262044	51.8	1011.2
10530	G	K	2	2.8	168.6	20:42:46	410955	6262047	73.9	905.2
10530	H	N	2	2.8	168.6	20:42:55	410874	6262038	52.5	942.7
10531	A	K	1	0.1	37.2	20:47:35	407403	6262023	63.8	228.4
10540	A	K	1	0.2	38.4	20:52:07	407393	6261933	91.4	223.7
10540	B	N	2	1.5	124.0	20:55:35	410755	6261919	47.7	842.1
10540	C	N	3	8.4	290.3	20:55:53	410926	6261933	41.3	888.0
10540	D	K	3	8.4	290.3	20:56:01	411034	6261939	69.1	851.2
10540	E	K	4	18.6	430.9	20:56:57	411597	6261938	55.9	825.2
10540	F	K	5	25.5	504.5	20:57:05	411745	6261928	65.3	755.9
10540	G	N	2	2.5	157.1	20:57:54	412539	6261941	55.1	697.1
10540	H	K	2	2.5	157.1	20:57:59	412630	6261937	47.8	696.2
10550	A	N	2	1.8	133.5	20:59:59	412587	6261819	50.5	615.7
10550	B	K	4	19.7	444.1	21:00:51	411820	6261836	64.7	674.4
10550	C	K	6	39.8	630.8	21:01:07	411655	6261836	45.7	769.8
10550	D	K	5	29.7	545.3	21:01:14	411590	6261836	47.1	799.1
10550	E	N	5	29.7	545.3	21:01:24	411489	6261835	43.7	844.8
10550	F	N	2	4.0	199.6	21:01:57	411019	6261833	65.4	781.3
10550	G	K	2	1.3	112.0	21:05:04	407381	6261839	74.6	222.8
10560	A	K	1	0.4	63.2	21:09:21	407434	6261721	56.6	237.3
10560	B	N	3	6.1	246.4	21:12:59	411008	6261737	39.9	754.8
10560	C	K	3	6.1	246.4	21:13:06	411136	6261731	65.5	710.5
10560	D	K	4	16.2	402.6	21:13:13	411273	6261731	52.3	737.7
10560	E	K	3	7.7	277.5	21:13:30	411577	6261721	42.5	770.7
10560	F	N	3	7.7	277.5	21:13:33	411639	6261722	40.1	772.8
10560	G	K	5	33.9	581.9	21:13:38	411744	6261727	56.3	735.4
10560	H	K	5	31.7	562.6	21:13:44	411853	6261730	85.8	658.3
10560	I	K	2	1.7	130.0	21:14:30	412819	6261733	64.8	534.2
10560	J	K	2	3.0	171.7	21:14:43	413138	6261721	60.8	493.5
10570	A	K	1	0.4	63.4	23:22:01	407490	6261625	46.8	225.6
10570	B	N	3	8.2	286.4	23:25:07	411030	6261627	58.7	689.9
10570	C	K	3	8.2	286.4	23:25:18	411247	6261640	81.4	640.0
10570	D	N	4	19.0	436.0	23:25:45	411732	6261629	33.3	720.8
10570	E	K	4	19.0	436.0	23:25:55	411893	6261630	72.2	636.1
10570	F	K	5	28.9	537.1	23:26:03	412056	6261628	95.2	544.6
10570	G	K	2	2.2	149.6	23:26:43	413091	6261617	88.1	462.2
10580	A	K	3	5.9	242.0	23:27:57	413084	6261514	57.6	505.0
10580	B	N	3	5.9	242.0	23:28:06	412919	6261527	96.1	436.1
10580	C	K	5	20.7	454.8	23:28:56	412070	6261525	69.2	500.0
10580	D	K	5	23.1	480.9	23:29:17	411817	6261525	62.5	600.9
10580	E	K	3	8.6	292.5	23:29:48	411293	6261529	44.7	573.6
10580	F	N	3	8.6	292.5	23:30:01	411140	6261520	43.8	629.5
10580	G	K	1	0.4	61.2	23:33:38	407447	6261515	41.2	225.0
10590	A	K	1	0.3	50.5	00:33:23	407472	6261430	55.9	225.6
10590	B	N	3	8.4	289.9	00:36:25	411208	6261425	57.2	555.4
10590	C	K	3	8.4	289.9	00:36:30	411315	6261425	85.6	507.7
10590	D	K	5	20.6	453.5	00:36:37	411494	6261439	62.3	503.6
10590	E	N	5	29.9	546.7	00:37:00	412039	6261436	53.2	505.7

Line	Anom	I D	Grade	Cond. (S)	Tau (us)	UTC Time	Easting (m)	Northing (m)	Bird Height (m)	DTM (m)
10590	F	K	5	29.9	546.7	00:37:06	412222	6261440	72.7	468.8
10590	G	N	3	5.2	227.3	00:37:35	412947	6261433	73.8	483.3
10590	H	K	3	5.2	227.3	00:37:42	413113	6261440	51.7	540.7
10600	A	K	6	37.6	613.4	00:39:55	412187	6261326	69.5	457.4
10600	B	K	4	13.9	373.0	00:40:35	411387	6261320	70.7	432.3
10600	C	K	4	13.7	370.1	00:40:41	411266	6261327	38.2	468.7
10600	D	N	4	13.7	370.1	00:40:51	411160	6261322	59.1	487.4
10600	E	K	1	0.4	59.7	00:44:08	407536	6261318	65.4	234.3
10610	A	K	1	0.5	66.8	20:59:11	407607	6261224	65.5	250.0
10610	B	N	1	0.5	66.8	20:59:24	407893	6261225	55.4	280.9
10610	C	N	4	14.2	376.2	21:03:00	411349	6261238	48.0	463.0
10610	D	K	4	14.2	376.2	21:03:02	411412	6261238	67.6	449.2
10610	E	K	5	34.5	587.3	21:03:41	412269	6261220	64.7	518.8
10610	F	K	6	40.3	634.4	21:03:47	412403	6261227	56.1	533.7
10620	A	K	4	14.2	376.5	21:06:40	412326	6261126	60.5	581.5
10620	B	K	3	7.8	278.8	21:07:31	411470	6261118	95.5	459.4
10620	C	K	1	0.5	69.6	21:12:08	407695	6261131	68.6	226.5
10630	A	K	3	8.8	296.6	21:15:22	407722	6261026	46.3	221.9
10630	B	N	2	2.3	151.3	21:19:18	411023	6261037	58.8	495.6
10630	C	K	2	1.6	127.0	21:19:34	411338	6261031	53.4	543.2
10630	D	N	4	10.2	319.8	21:19:39	411436	6261029	70.6	529.4
10630	E	K	4	10.2	319.8	21:19:42	411521	6261036	108.8	475.1
10630	F	K	2	1.2	108.7	21:20:17	412063	6261028	51.5	648.4
10630	G	K	5	26.6	515.4	21:20:28	412336	6261031	61.7	629.5
10640	A	N	3	5.3	229.7	21:22:11	413741	6260926	61.6	847.9
10640	B	K	3	5.3	229.7	21:22:16	413654	6260920	77.2	804.1
10640	C	K	4	14.0	373.5	21:23:38	412373	6260926	75.4	694.7
10640	D	N	2	2.6	162.5	21:23:47	412212	6260932	55.4	711.1
10640	E	K	2	2.6	162.5	21:23:54	412125	6260931	47.6	731.4
10640	F	N	2	2.6	162.5	21:24:02	412013	6260928	53.1	721.7
10640	G	K	2	3.8	194.1	21:24:26	411575	6260920	106.5	502.2
10640	H	K	1	0.4	60.0	21:26:37	409521	6260918	51.4	846.9
10640	I	N	2	1.7	130.1	21:28:03	408291	6260924	109.0	336.8
10640	J	K	1	0.8	89.4	21:28:42	407738	6260930	38.8	222.4
10650	A	K	1	0.0	*	21:33:09	407734	6260832	40.3	219.2
10650	B	K	2	3.9	196.1	21:37:03	411559	6260831	103.3	525.7
10650	C	N	4	12.6	355.3	21:37:35	411977	6260831	57.5	756.0
10650	D	K	3	5.9	242.4	21:37:51	412171	6260830	48.1	783.2
10650	E	N	4	11.6	340.8	21:37:56	412269	6260830	51.8	752.1
10650	F	K	4	11.6	340.8	21:38:00	412339	6260832	66.7	740.2
10650	G	K	4	12.5	353.8	21:38:01	412360	6260833	65.0	746.5
10650	H	K	1	0.7	84.9	21:39:11	413555	6260834	76.6	869.6
10660	A	K	2	2.4	155.2	21:39:56	413842	6260732	31.9	991.8
10660	B	K	2	1.1	105.5	21:40:20	413566	6260718	86.0	878.9
10660	C	K	4	11.0	331.6	21:41:33	412356	6260724	74.8	813.0
10660	D	N	2	2.1	146.3	21:42:00	411999	6260728	55.9	877.9
10660	E	K	2	2.7	164.7	21:42:27	411720	6260715	55.3	661.3
10660	F	K	2	1.4	117.0	21:42:35	411579	6260718	117.4	540.8
10660	G	K	1	0.2	38.9	21:44:52	409441	6260729	54.8	881.6

Line	Anom	I D	Grade	Cond. (S)	Tau (us)	UTC Time	Easting (m)	Northing (m)	Bird Height (m)	DTM (m)
10660	H	K	2	1.2	108.4	21:46:47	407742	6260735	49.4	217.2
10660	I	K	1	0.3	56.0	21:47:51	406527	6260729	51.3	287.3
10670	A	K	1	*	*	21:49:46	407738	6260622	72.7	226.4
10670	B	N	1	0.5	72.3	21:51:00	408657	6260617	52.0	729.4
10670	C	K	3	7.6	276.2	21:53:35	411647	6260628	106.4	566.8
10670	D	K	2	2.5	158.0	21:54:07	411916	6260633	51.1	841.8
10670	E	K	3	7.9	281.5	21:54:35	412230	6260627	55.2	858.8
10670	F	K	4	13.0	360.2	21:54:44	412388	6260641	58.6	864.9
10670	G	K	2	1.1	105.2	21:55:58	413475	6260627	70.4	950.8
10680	A	K	1	0.5	69.0	21:57:33	413515	6260525	67.8	948.2
10680	B	N	4	13.2	363.6	21:58:46	412383	6260527	57.2	929.0
10680	C	K	4	10.3	320.3	21:58:50	412317	6260527	62.8	907.3
10680	D	K	3	8.6	293.2	21:58:51	412286	6260527	62.6	906.0
10680	E	K	2	3.4	182.9	21:59:20	411949	6260523	71.6	879.8
10680	F	K	2	4.1	201.7	21:59:44	411672	6260515	110.6	602.2
10680	G	N	2	4.1	201.7	21:59:52	411537	6260517	70.2	621.8
10680	H	N	2	1.5	123.8	22:03:33	408087	6260530	67.1	328.4
10680	I	K	2	4.9	221.6	22:03:57	407653	6260529	58.8	234.5
10680	J	K	1	0.3	50.5	22:04:39	406762	6260530	41.4	221.7
10690	A	K	1	0.3	49.5	22:05:55	406783	6260421	53.4	211.5
10690	B	K	2	4.8	219.2	22:06:27	407547	6260419	87.3	226.8
10690	C	K	2	2.5	157.3	22:06:50	407967	6260423	71.2	297.4
10690	D	K	2	4.4	209.0	22:10:49	411721	6260431	63.9	641.8
10690	E	N	2	4.4	209.0	22:11:04	411798	6260433	48.9	738.1
10690	F	K	2	3.3	181.2	22:11:33	411981	6260435	31.5	925.0
10690	G	K	3	7.4	271.6	22:11:56	412234	6260422	61.7	958.3
10690	H	N	1	0.8	88.3	22:13:25	413614	6260431	53.9	1005.0
10690	I	N	2	1.8	133.0	22:13:36	413729	6260439	41.2	1097.1
10700	A	K	1	0.4	59.9	22:15:02	413558	6260324	74.1	1035.1
10700	B	K	3	8.5	292.2	22:16:34	412286	6260327	58.9	1020.6
10700	C	K	3	8.2	285.9	22:16:51	412080	6260329	47.4	993.1
10700	D	K	3	6.4	252.5	22:17:20	411755	6260322	87.1	675.9
10700	E	K	2	1.6	124.4	22:21:04	408015	6260328	70.4	343.3
10700	F	N	2	1.6	124.4	22:21:10	407930	6260326	89.9	307.4
10700	G	K	1	0.7	84.2	22:21:47	407458	6260325	82.3	219.0
10700	H	K	1	0.2	47.6	22:22:17	406850	6260322	62.7	216.4
10710	A	K	1	0.5	68.4	23:08:49	406935	6260233	58.0	216.5
10710	B	K	3	8.3	288.5	23:09:10	407365	6260230	72.3	225.8
10710	C	K	4	11.5	338.8	23:09:54	408016	6260233	85.1	344.3
10710	D	N	2	4.5	210.8	23:14:31	411675	6260243	76.8	659.2
10710	E	K	2	4.5	210.8	23:14:40	411797	6260236	65.8	707.1
10710	F	K	2	2.8	166.1	23:15:01	411875	6260237	47.9	798.1
10710	G	N	3	5.6	235.6	23:16:08	412163	6260229	51.4	1038.7
10710	H	K	3	5.6	235.6	23:16:13	412262	6260233	48.5	1055.1
10710	I	K	4	13.8	371.5	23:16:17	412341	6260238	47.6	1087.1
10710	J	K	4	11.3	336.5	23:16:30	412505	6260242	46.9	1181.1
10710	K	K	1	0.3	58.5	23:17:46	413589	6260232	46.9	1083.1
10710	L	K	2	1.3	115.9	23:18:32	413905	6260221	51.5	1240.8
10720	A	K	1	0.2	41.6	23:20:03	413494	6260129	70.1	1072.2

Line	Anom	I D	Grade	Cond. (S)	Tau (us)	UTC Time	Easting (m)	Northing (m)	Bird Height (m)	DTM (m)
10720	B	K	4	12.3	351.0	23:21:29	412522	6260115	46.1	1236.4
10720	C	K	4	12.4	352.2	23:21:43	412362	6260120	51.0	1167.4
10720	D	N	2	2.9	169.8	23:21:59	412182	6260129	75.8	1050.0
10720	E	K	2	2.9	169.8	23:22:04	412125	6260129	75.9	1010.5
10720	F	K	3	6.2	247.9	23:22:33	411842	6260117	68.7	731.8
10720	G	K	2	4.0	199.1	23:27:10	408001	6260121	82.1	361.0
10721	A	K	1	0.3	52.2	23:29:30	407066	6260116	27.2	214.1
10730	A	K	1	0.4	61.7	23:30:57	406933	6260030	48.4	216.9
10730	B	K	3	7.5	274.2	23:31:19	407367	6260018	64.0	249.1
10730	C	K	2	1.2	108.6	23:31:44	407710	6260019	65.4	398.7
10730	D	K	2	2.0	142.7	23:32:04	408000	6260028	91.5	356.3
10730	E	K	2	4.1	202.6	23:36:24	411877	6260046	71.9	748.0
10730	F	N	2	3.8	194.4	23:36:39	411979	6260043	51.6	855.5
10730	G	K	3	9.7	310.7	23:36:59	412110	6260041	44.2	968.8
10730	H	N	4	10.0	316.9	23:37:11	412206	6260034	48.6	1041.5
10730	I	K	4	10.0	316.9	23:37:23	412310	6260029	35.4	1131.3
10730	J	K	4	13.9	373.3	23:37:33	412373	6260027	35.2	1182.4
10730	K	N	4	13.9	373.3	23:37:45	412452	6260026	42.0	1232.7
10740	A	K	1	0.1	37.2	23:41:32	413672	6259926	69.5	1201.2
10740	B	N	4	12.4	351.6	23:43:11	412500	6259936	38.0	1247.2
10740	C	K	4	12.4	351.6	23:43:22	412381	6259930	59.8	1148.6
10740	D	N	2	5.0	222.7	23:43:52	412017	6259918	100.9	803.3
10740	E	K	2	5.0	222.7	23:43:57	411956	6259928	74.3	762.0
10740	F	K	2	1.8	134.4	23:48:20	407961	6259924	73.0	394.2
10740	G	K	2	1.5	123.3	23:48:37	407738	6259925	59.1	446.8
10740	H	K	2	1.7	131.9	23:49:02	407361	6259925	57.8	281.6
10740	I	K	1	0.4	64.9	23:49:17	407087	6259929	41.2	227.2
10750	A	K	3	6.6	257.7	23:50:42	407138	6259830	68.0	219.4
10750	B	K	3	5.7	238.4	23:51:31	407972	6259824	58.8	411.8
10750	C	K	3	8.1	285.3	23:56:11	411943	6259836	59.3	739.5
10750	D	N	3	8.1	285.3	23:56:14	411992	6259840	47.9	777.5
10750	E	K	2	3.6	188.5	23:56:24	412074	6259838	42.8	841.8
10750	F	K	2	3.3	181.2	23:56:33	412127	6259836	38.9	893.2
10750	G	K	4	13.9	372.1	23:57:04	412343	6259828	34.2	1079.9
10750	H	N	4	13.9	372.1	23:57:11	412386	6259826	38.9	1121.4
10750	I	K	4	10.0	316.6	23:57:43	412578	6259825	35.9	1301.3
10760	A	N	5	22.1	470.1	00:01:26	413461	6259729	43.0	1271.6
10760	B	N	5	22.1	470.1	00:02:59	412585	6259728	41.7	1262.8
10760	C	K	5	22.1	470.1	00:03:09	412486	6259721	58.6	1162.2
10760	D	N	2	3.9	197.5	00:03:40	412122	6259723	84.4	827.0
10760	E	K	2	4.4	209.0	00:08:39	408223	6259728	54.0	542.3
10760	F	K	3	6.4	252.5	00:08:53	408012	6259722	79.0	424.9
10760	G	K	2	2.7	163.5	00:09:26	407454	6259729	77.7	316.6
10760	H	K	1	0.7	81.9	00:09:45	407148	6259725	64.1	212.1
10760	I	N	1	0.7	81.9	00:10:00	406866	6259733	43.4	214.7
10770	A	K	3	5.3	230.0	00:11:17	407218	6259627	44.3	214.4
10770	B	K	4	12.2	349.7	00:11:35	407495	6259624	59.9	303.8
10770	C	K	3	5.0	224.5	00:12:02	407836	6259621	55.9	431.2
10770	D	K	2	3.9	197.7	00:12:12	408056	6259627	63.3	461.3

Line	Anom	ID	Grade	Cond. (S)	Tau (us)	UTC Time	Easting (m)	Northing (m)	Bird Height (m)	DTM (m)
10770	E	K	2	4.2	204.2	00:12:13	408077	6259628	60.0	470.2
10771	A	K	2	4.9	220.7	00:18:16	412158	6259638	41.6	849.2
10771	B	K	3	7.4	271.3	00:18:48	412347	6259627	37.4	1015.5
10771	C	K	4	17.6	419.5	00:19:06	412465	6259623	38.1	1101.9
10771	D	K	5	21.5	463.7	00:19:17	412517	6259619	45.3	1152.2
10771	E	K	5	22.5	474.2	00:19:31	412561	6259614	58.9	1184.9
10771	F	K	4	10.3	320.2	00:19:57	412653	6259623	58.2	1270.0
10780	A	N	2	4.0	199.6	00:53:35	413402	6259527	43.1	1358.8
10780	B	N	3	5.4	233.2	00:53:46	413235	6259522	48.9	1382.7
10780	C	K	3	7.3	269.6	00:54:14	412884	6259529	34.0	1358.2
10780	D	K	5	21.8	466.4	00:54:40	412642	6259522	70.6	1185.4
10780	E	K	4	19.0	435.7	00:54:46	412581	6259519	70.3	1124.4
10780	F	N	3	5.5	233.6	00:55:08	412331	6259521	56.9	934.9
10780	G	K	3	5.5	233.6	00:55:14	412242	6259518	55.0	881.3
10781	A	K	3	8.2	286.2	01:01:46	408076	6259515	72.1	485.1
10781	B	K	2	3.9	197.5	01:02:05	407784	6259520	69.7	424.9
10781	C	N	2	3.9	197.5	01:02:09	407725	6259518	52.1	416.4
10790	A	K	2	3.4	184.2	20:56:20	413455	6259428	47.5	1403.4
10790	B	N	2	3.4	184.2	20:56:25	413388	6259427	43.3	1419.7
10790	C	K	6	37.9	615.7	20:57:24	412772	6259417	52.5	1264.6
10790	D	N	6	37.9	615.7	20:57:33	412681	6259414	68.6	1187.4
10790	E	K	3	5.2	227.7	20:58:04	412298	6259423	76.8	908.8
10790	F	K	4	15.6	394.7	21:04:31	408086	6259424	82.7	508.1
10790	G	K	4	13.8	370.9	21:04:48	407900	6259427	61.9	477.4
10790	H	K	3	9.9	314.4	21:04:54	407826	6259422	55.0	467.8
10790	I	N	3	6.7	258.8	21:05:01	407743	6259418	67.3	431.2
10790	J	K	3	6.7	258.8	21:05:09	407686	6259424	59.9	411.8
10800	A	N	4	12.4	352.6	02:38:29	407741	6259329	50.4	407.2
10800	B	K	4	12.4	352.6	02:38:38	407887	6259337	55.6	452.1
10800	C	K	4	14.1	375.4	02:38:49	408117	6259331	67.4	518.4
10801	A	K	2	2.8	167.0	20:55:41	413333	6259322	48.9	1448.6
10801	B	K	1	0.6	79.4	20:55:46	413237	6259322	37.7	1453.5
10801	C	N	5	34.7	588.9	20:56:09	412909	6259326	34.5	1313.2
10801	D	K	5	34.7	588.9	20:56:13	412849	6259328	32.2	1291.1
10801	E	K	5	25.8	507.5	20:56:27	412702	6259322	52.1	1168.8
10801	F	N	4	16.3	403.6	20:56:36	412605	6259320	56.8	1089.6
10801	G	K	4	16.3	403.6	20:56:39	412583	6259321	53.7	1071.0
10810	A	N	3	9.8	312.6	21:35:56	407801	6259236	50.9	423.4
10810	B	K	3	9.8	312.6	21:36:00	407875	6259237	59.9	443.2
10810	C	K	4	11.2	335.2	21:36:18	408209	6259226	71.8	555.3
10811	A	K	5	28.1	529.6	21:45:41	412791	6259222	51.8	1215.3
10811	B	N	4	10.2	319.9	21:45:52	412662	6259228	59.5	1107.7
10811	C	K	4	10.2	319.9	21:45:55	412633	6259230	50.9	1088.8
10811	D	N	2	4.6	213.3	21:46:06	412491	6259218	49.2	985.9
10811	E	K	2	4.6	213.3	21:46:08	412457	6259217	50.4	964.5
10820	A	N	2	4.5	212.6	21:54:00	407820	6259126	43.9	420.2
10820	B	K	2	4.5	212.6	21:54:04	407885	6259127	47.3	445.4
10820	C	K	4	10.7	327.2	21:54:12	408046	6259123	41.8	515.2
10822	A	K	3	5.4	232.7	22:01:25	412462	6259123	40.0	957.1

Line	Anom	I D	Grade	Cond. (S)	Tau (us)	UTC Time	Easting (m)	Northing (m)	Bird Height (m)	DTM (m)
10822	B	K	3	8.8	296.1	22:01:42	412625	6259120	26.7	1078.6
10822	C	K	5	24.6	496.0	22:01:57	412737	6259125	31.6	1159.7
10822	D	K	4	18.2	427.0	22:02:07	412806	6259129	29.5	1221.6
10830	A	K	3	7.3	270.1	22:06:32	412872	6259027	54.5	1237.9
10830	B	K	2	4.8	219.6	22:06:42	412741	6259026	54.3	1131.9
10831	A	K	3	6.6	257.2	00:17:43	407975	6259024	43.0	466.5
10831	B	K	1	0.2	47.8	00:19:44	409418	6259022	35.8	1356.8
10840	A	K	2	4.2	205.7	22:14:47	412884	6258932	30.8	1246.0
10840	B	K	4	18.3	427.3	22:15:05	413108	6258935	26.3	1358.2
10841	A	N	1	0.7	82.7	00:25:41	409202	6258925	74.0	1189.8
10841	B	N	1	0.5	70.6	00:26:40	408630	6258939	87.4	869.1
10841	C	K	4	11.2	335.1	00:27:30	408071	6258929	71.9	491.2
10841	D	K	2	2.2	149.3	00:28:04	407732	6258927	72.9	312.0
10850	A	N	4	15.7	396.2	22:18:35	414922	6258835	34.3	1383.6
10850	B	K	4	15.7	396.2	22:18:42	414819	6258829	40.4	1411.2
10850	C	K	2	3.5	187.3	22:20:38	413213	6258829	89.3	1376.3
10850	D	K	5	20.3	450.3	22:20:48	413077	6258831	87.7	1273.4
10850	E	N	2	1.4	119.6	22:21:10	412784	6258833	50.9	1183.8
10851	A	K	2	3.6	189.2	00:35:11	407777	6258821	47.4	330.9
10851	B	K	3	6.6	257.3	00:35:27	407994	6258828	56.9	429.4
10851	C	K	2	2.8	166.2	00:35:46	408257	6258830	51.6	596.2
10851	D	K	1	0.5	70.7	00:36:07	408462	6258828	50.9	740.0
10851	E	N	1	0.6	78.7	00:37:05	409218	6258824	32.8	1180.9
10860	A	K	3	5.5	234.7	22:27:18	412941	6258727	57.2	1198.1
10860	B	K	3	5.7	238.6	22:27:42	413273	6258712	33.7	1398.7
10860	C	N	3	5.7	238.6	22:27:48	413334	6258712	34.1	1445.1
10860	D	K	6	37.8	614.6	22:29:25	414817	6258724	68.0	1410.7
10861	A	K	1	0.5	67.6	00:42:02	409626	6258731	35.2	1393.5
10861	B	K	1	*	*	00:43:42	408489	6258734	80.9	740.2
10861	C	K	3	5.9	242.3	00:44:22	408032	6258728	82.3	395.7
10870	A	K	5	32.4	568.9	22:30:29	414872	6258626	40.8	1439.7
10870	B	K	4	11.2	335.2	22:30:33	414796	6258632	44.0	1446.5
10870	C	K	2	3.5	186.7	22:32:15	413618	6258628	59.4	1587.0
10870	D	N	3	5.7	237.9	22:32:31	413405	6258627	62.8	1461.1
10870	E	K	3	5.7	237.9	22:32:36	413345	6258625	74.7	1419.5
10871	A	K	3	5.0	224.3	00:46:27	407943	6258627	45.8	331.6
10871	B	K	3	8.2	285.9	00:46:36	408071	6258624	64.2	383.5
10871	C	K	3	5.6	236.6	00:46:54	408269	6258624	50.7	565.4
10871	D	N	1	0.3	52.1	00:48:17	409294	6258622	34.8	1183.8
10871	E	K	1	0.3	52.1	00:48:40	409570	6258635	37.8	1354.3
10880	A	K	4	13.0	360.2	00:53:33	414961	6258523	67.2	1466.3
10880	B	K	3	6.9	262.9	00:53:37	414876	6258522	64.3	1462.2
10880	C	K	2	2.5	157.2	00:55:13	413779	6258509	72.1	1672.7
10880	D	N	2	3.6	188.3	00:55:24	413640	6258522	65.4	1592.7
10880	E	K	2	3.6	188.3	00:55:31	413558	6258529	54.6	1553.8
10890	A	K	3	5.2	228.6	01:07:14	408190	6258424	40.1	422.8
10890	B	K	3	5.4	231.9	01:07:22	408275	6258420	60.5	461.3
10890	C	K	1	0.9	94.7	01:07:40	408463	6258422	57.4	619.7
10890	D	K	1	0.2	47.5	01:08:19	408842	6258426	55.2	925.0

Line	Anom	I D	Grade	Cond. (S)	Tau (us)	UTC Time	Easting (m)	Northing (m)	Bird Height (m)	DTM (m)
10890	E	K	2	1.1	103.1	01:08:48	409357	6258425	36.2	1150.0
10890	F	N	1	0.4	63.9	01:11:30	412024	6258424	63.6	1133.6
10890	G	K	2	1.5	120.3	01:13:17	413538	6258427	57.8	1575.4
10890	H	N	3	5.1	225.4	01:13:30	413692	6258433	58.3	1647.0
10890	I	K	3	5.1	225.4	01:13:36	413793	6258429	35.9	1709.2
10890	J	K	1	0.6	74.8	01:14:15	414291	6258431	96.1	1596.6
10890	K	K	4	14.6	381.5	01:14:44	414927	6258429	54.5	1506.7
10900	A	K	5	22.9	478.2	01:16:10	415039	6258325	48.7	1585.4
10900	B	K	3	7.3	269.7	01:16:56	414144	6258333	48.9	1643.2
10900	C	K	2	1.9	136.5	01:17:33	413663	6258320	50.9	1690.4
10900	D	K	1	0.8	88.6	01:23:24	409474	6258324	39.2	1182.4
10900	E	K	2	4.9	222.1	01:25:03	408274	6258327	56.9	432.2
10900	F	N	2	4.9	222.1	01:25:18	408098	6258319	70.5	346.8
10910	A	N	3	6.8	260.1	01:27:23	408141	6258222	47.7	341.7
10910	B	K	3	5.7	239.4	01:27:37	408305	6258222	63.9	441.1
10910	C	K	1	0.6	76.6	01:28:51	409308	6258213	47.4	1036.2
10910	D	K	1	0.8	91.0	01:29:07	409548	6258222	38.1	1174.1
10910	E	N	1	0.6	76.3	01:30:58	411395	6258216	42.7	1585.3
10911	A	K	1	0.3	56.8	01:33:50	412199	6258232	97.5	1000.6
10911	B	K	1	0.6	75.6	01:36:08	414046	6258227	53.7	1656.2
10911	C	K	3	9.6	310.4	01:37:08	415063	6258223	61.2	1602.3
10920	A	K	3	6.7	258.0	01:38:33	415341	6258126	47.9	1530.7
10920	B	K	2	2.0	140.9	01:38:43	415172	6258128	53.0	1573.1
10920	C	K	2	4.3	207.0	01:39:51	413977	6258123	44.3	1641.5
10920	D	N	1	0.7	86.2	01:45:32	409814	6258117	35.1	1234.0
10920	E	K	3	6.1	246.9	01:47:11	408348	6258121	75.0	466.8
10920	F	N	3	6.1	246.9	01:47:18	408243	6258120	87.4	397.6
10930	A	K	3	7.7	276.6	01:49:29	408118	6258025	55.1	311.6
10930	B	K	3	5.1	226.5	01:49:51	408385	6258020	55.5	465.2
10930	C	K	2	1.3	113.1	01:51:00	409442	6258021	44.2	1008.2
10930	D	K	4	10.0	316.8	01:51:25	409896	6258026	39.4	1211.0
10930	E	N	1	0.5	69.9	01:53:12	411743	6258017	47.9	1275.8
10930	F	K	1	0.5	69.9	01:53:19	411852	6258021	56.5	1218.6
10930	G	K	1	0.4	66.5	01:55:17	413865	6258028	72.1	1630.1
10930	H	N	3	6.1	246.2	01:56:43	415323	6258025	51.4	1504.7
10940	A	K	1	0.9	96.0	01:58:11	415550	6257922	33.8	1314.3
10940	B	N	2	4.9	222.3	01:58:23	415413	6257924	37.4	1392.4
10940	C	K	1	0.9	93.1	02:00:44	413856	6257924	47.3	1678.8
10940	D	K	1	1.0	98.5	02:01:16	413393	6257910	32.0	1528.6
10941	A	N	3	8.1	283.7	02:08:09	409835	6257919	65.5	1133.3
10941	B	K	1	0.5	71.5	02:08:34	409446	6257923	55.8	956.9
10941	C	K	2	4.2	205.9	02:09:42	408419	6257929	84.1	455.6
10941	D	K	2	4.1	202.4	02:10:01	408132	6257924	109.9	308.8
10950	A	K	3	7.8	278.7	02:12:14	408133	6257830	75.1	277.9
10950	B	K	4	10.7	327.3	02:12:42	408513	6257819	61.2	465.7
10950	C	N	1	0.7	80.5	02:14:00	409792	6257819	48.2	1090.0
10950	D	N	4	12.3	351.1	02:17:49	413946	6257833	46.7	1733.7
10950	E	K	4	12.3	351.1	02:17:53	414016	6257832	52.5	1762.8
10950	F	K	1	0.2	48.5	02:19:41	415521	6257822	80.1	1323.7

Line	Anom	I D	Grade	Cond. (S)	Tau (us)	UTC Time	Easting (m)	Northing (m)	Bird Height (m)	DTM (m)
10960	A	N	5	20.3	450.6	18:50:19	414018	6257730	41.9	1788.6
10960	B	K	5	20.3	450.6	18:50:23	414058	6257732	36.6	1815.0
10960	C	K	1	0.5	73.0	18:52:46	415753	6257728	66.8	1194.6
10962	A	K	3	9.1	301.5	22:47:39	408508	6257727	70.6	418.4
10962	B	N	2	1.5	122.6	22:47:55	408295	6257717	80.7	366.6
10962	C	K	2	1.5	122.6	22:48:10	408089	6257724	84.9	251.2
10970	A	K	2	2.6	160.1	18:54:30	415846	6257647	44.0	1115.5
10971	A	K	3	7.9	281.2	22:50:18	408218	6257632	69.1	284.3
10971	B	K	3	8.7	295.4	22:50:33	408420	6257630	70.8	386.5
10971	C	K	4	10.8	328.7	22:50:39	408522	6257630	66.1	419.2
10981	A	K	3	6.1	246.2	23:01:20	408607	6257524	89.2	410.3
10981	B	K	3	6.0	244.0	23:01:45	408316	6257531	59.3	315.9
10981		K	1	0.2	46.8	23:02:53	407186	6257519	55.5	407.5
10982	A	K	2	1.6	127.9	19:06:05	415901	6257524	59.2	1061.0
10990	A	N	1	0.6	77.2	19:07:35	415937	6257434	40.0	993.0
10990	B	N	1	0.6	77.2	19:07:49	415809	6257429	51.1	1070.3
10991	A	K	2	4.7	215.9	23:03:33	407280	6257432	87.2	365.2
10991	B	K	1	0.5	73.7	23:04:08	408023	6257425	42.8	260.7
10991	C	K	2	4.2	204.0	23:04:20	408299	6257444	71.4	294.0
10991	D	K	3	8.3	288.4	23:04:36	408649	6257431	63.4	422.6
11000	A	N	1	0.0	0.0	19:17:11	415866	6257330	77.1	1000.8
11001	A	K	4	12.1	348.5	23:14:04	408855	6257328	77.9	459.1
11001	B	K	2	3.4	182.9	23:14:26	408553	6257329	75.5	351.3
11001	C	K	4	17.0	412.7	23:15:38	407256	6257326	46.5	417.7
11010	A	K	2	1.0	100.1	19:18:05	416057	6257252	56.9	821.2
11011	A	K	3	9.0	300.6	23:16:22	407261	6257228	85.2	438.5
11011	B	K	2	1.1	102.8	23:16:59	408091	6257231	41.0	257.7
11011	C	K	5	20.2	449.8	23:17:40	408882	6257226	63.6	453.2
11021	A	K	4	15.8	397.5	23:27:22	408946	6257123	73.2	457.4
11021	B	K	4	12.4	351.9	23:27:29	408830	6257124	87.9	403.3
11021	C	K	1	0.7	80.8	23:28:07	408211	6257126	69.0	250.8
11021	D	K	4	13.6	369.0	23:28:59	407358	6257118	52.4	423.6
11031	A	K	2	4.2	205.8	23:29:59	407353	6257036	75.4	440.2
11031	B	K	1	0.7	83.6	23:30:45	408231	6257028	50.7	264.7
11031	C	K	4	14.7	382.8	23:31:14	408869	6257040	69.7	440.6
11040	A	K	2	1.1	102.3	19:45:58	415529	6256926	67.9	1188.1
11041	A	K	1	0.9	96.6	23:39:52	409876	6256929	59.4	914.6
11041	B	K	2	1.6	125.6	23:40:16	409601	6256929	70.6	752.3
11041	C	K	5	26.4	513.5	23:40:56	409077	6256930	87.1	472.5
11041	D	K	4	20.0	446.8	23:42:37	407423	6256920	45.0	456.8
11041	E	N	4	20.0	446.8	23:42:44	407343	6256929	41.1	507.6
11050	A	K	2	1.2	110.7	17:47:05	415915	6256815	48.0	913.9
11050	B	N	1	0.4	59.8	17:47:38	415599	6256812	52.7	1174.0
11050	C	K	5	24.0	490.1	17:55:18	409111	6256824	79.7	473.1
11050	D	K	3	7.7	277.1	17:56:51	407417	6256817	55.5	510.8
11050	E	N	3	7.7	277.1	17:56:55	407351	6256817	35.5	558.8
11060	A	N	5	23.6	485.4	17:35:17	407353	6256724	58.1	594.0
11060	B	K	3	7.1	267.2	17:35:23	407421	6256728	71.9	546.3
11060	C	K	3	6.5	254.6	17:36:49	408911	6256726	62.4	397.3

Line	Anom	ID	Grade	Cond. (S)	Tau (us)	UTC Time	Easting (m)	Northing (m)	Bird Height (m)	DTM (m)
11060	D	K	5	22.9	478.7	17:37:09	409247	6256735	52.3	518.6
11060	E	K	1	0.8	87.0	17:39:13	410951	6256725	63.3	1097.4
11060	F	K	2	1.5	124.3	17:46:00	415911	6256730	54.9	940.6
11070	A	K	2	2.2	147.5	17:25:09	416014	6256622	30.7	920.0
11070	B	N	2	2.2	147.5	17:25:16	415960	6256625	41.9	944.8
11070	C	K	2	1.2	109.0	17:30:56	410911	6256620	42.9	1082.7
11070	D	K	5	26.1	511.0	17:32:40	409291	6256630	80.2	475.8
11070	E	K	1	0.1	29.4	17:33:26	408260	6256625	36.7	259.9
11070	F	K	3	5.1	226.8	17:34:26	407474	6256615	54.9	571.2
11070	G	K	6	36.4	603.0	17:34:32	407374	6256619	47.2	612.3
11080	A	K	3	6.6	256.7	17:13:11	407433	6256501	53.4	595.4
11080	B	K	5	30.2	549.5	17:15:07	409245	6256526	59.1	469.2
11080	C	K	4	10.5	323.3	17:15:18	409444	6256526	46.9	544.8
11080	D	K	2	4.8	218.3	17:16:57	410919	6256531	42.8	1091.4
11080	E	N	2	4.8	218.3	17:17:07	411022	6256531	43.9	1136.0
11080	F	K	2	4.1	203.0	17:24:10	415958	6256523	53.6	959.0
11090	A	K	2	4.2	205.8	17:02:42	415990	6256422	34.9	962.7
11090	B	K	1	0.8	89.6	17:07:17	412372	6256434	73.9	1538.5
11090	C	K	2	3.8	195.9	17:09:10	410922	6256424	34.7	1117.0
11090	D	N	2	2.4	156.0	17:09:21	410781	6256421	67.7	1017.5
11090	E	K	4	11.9	345.1	17:10:48	409512	6256423	72.5	559.8
11090	F	N	4	11.9	345.1	17:10:55	409375	6256427	77.1	488.3
11100	A	N	4	15.8	397.9	16:51:23	409275	6256331	63.3	439.8
11100	B	K	4	15.8	397.9	16:51:31	409396	6256333	53.3	494.8
11100	C	N	4	15.8	397.9	16:51:38	409473	6256332	53.7	537.3
11100	D	K	4	13.3	364.2	16:51:46	409548	6256334	59.4	570.7
11100	E	K	2	2.6	161.0	16:53:24	410860	6256334	46.3	1080.9
11100	F	K	2	1.0	100.7	16:56:32	412493	6256320	108.7	1577.1
11100	G	K	1	0.7	85.9	17:01:45	415890	6256333	64.1	1037.1
11100	H	N	3	7.7	277.0	17:01:50	415958	6256329	68.1	992.5
11100	I	K	3	7.7	277.0	17:01:54	416017	6256325	69.6	962.6
11110	A	N	3	6.3	251.1	23:27:25	409334	6256227	55.5	455.8
11110	B	K	3	6.3	251.1	23:27:31	409426	6256225	58.0	496.5
11110	C	N	3	6.3	251.1	23:27:39	409514	6256220	60.3	548.0
11110	D	K	3	9.9	314.1	23:27:48	409639	6256227	64.0	593.8
11110	E	K	3	5.7	238.2	23:28:42	410585	6256243	70.3	914.6
11111	A	K	2	1.0	101.8	21:05:56	412476	6256211	84.7	1612.3
11111	B	N	1	0.1	36.2	21:09:14	413794	6256228	112.9	1946.3
11111	C	K	1	0.1	36.7	21:11:15	415628	6256237	118.8	1278.1
11111	D	N	2	4.0	200.3	21:11:51	415995	6256243	98.9	977.9
11111	E	K	2	4.0	200.3	21:11:55	416053	6256239	75.8	954.0
11122	A	N	2	1.7	130.9	22:29:18	412510	6256136	77.2	1657.1
11122	B	K	3	7.8	278.9	22:33:10	409668	6256121	79.3	604.4
11122	C	N	3	7.8	278.9	22:33:18	409549	6256118	79.5	550.9
11122	D	N	2	3.6	189.4	22:33:28	409392	6256116	80.6	469.6
11130	A	N	3	7.8	279.2	22:05:20	409410	6256031	65.3	461.8
11130	B	N	3	7.8	279.2	22:05:32	409616	6256028	38.6	568.2
11130	C	K	4	11.6	340.4	22:05:38	409711	6256027	42.7	603.7
11140	A	N	1	0.3	55.4	21:51:40	416128	6255921	56.9	1001.5

Line	Anom	ID	Grade	Cond. (S)	Tau (us)	UTC Time	Easting (m)	Northing (m)	Bird Height (m)	DTM (m)
11140	B	K	3	6.0	244.7	22:01:51	409762	6255922	57.0	608.8
11140	C	N	3	6.1	246.9	22:01:58	409652	6255926	52.4	561.7
11140	D	N	3	6.1	246.9	22:02:08	409484	6255927	74.2	469.0
11150	A	N	2	3.3	181.9	21:37:31	409529	6255829	50.5	461.1
11150	B	N	2	3.3	181.9	21:37:44	409667	6255831	30.2	555.1
11150	C	K	2	3.2	177.8	21:37:52	409757	6255830	39.0	601.7
11150	D	K	2	1.6	124.5	21:38:26	410270	6255834	58.2	766.3
11160	A	K	2	1.1	106.3	21:23:23	415265	6255730	55.2	1435.4
11160	B	K	3	8.2	285.6	21:23:42	415121	6255729	38.2	1529.0
11160	C	K	1	0.7	82.0	21:24:38	414592	6255727	55.7	1756.7
11161	A	N	2	1.8	134.4	21:34:39	409560	6255723	60.6	474.5
11171	A	N	2	4.0	200.4	21:20:17	415190	6255624	60.3	1471.2
11171	B	K	2	3.2	178.8	21:21:35	416122	6255628	20.9	1032.2
11172	A	K	1	0.6	76.6	17:20:51	414091	6255629	42.8	1996.0
11220	A	K	1	0.9	95.7	18:32:39	414519	6255127	62.7	1764.4
11260	A	K	2	4.0	198.9	17:54:35	414642	6254732	56.4	1928.9
11270	A	K	2	3.8	195.5	17:39:51	414654	6254620	43.4	1878.9
11270	B	N	2	3.8	195.5	17:40:03	414566	6254614	45.1	1927.4
11281	A	K	2	3.9	198.5	17:35:04	414648	6254536	84.1	1876.0
11281	B	K	2	1.2	110.2	17:35:37	415115	6254532	70.3	1607.9
11290	A	K	2	3.9	196.8	17:24:25	415177	6254426	38.3	1591.3
11290	B	N	2	1.3	115.8	17:25:39	414548	6254431	45.7	1938.4
11300	A	K	2	1.9	136.5	17:21:01	414720	6254323	57.7	1837.5
11300	B	K	3	6.2	248.7	17:21:31	415189	6254331	59.9	1608.8
11310	A	K	2	3.6	188.7	17:12:37	415248	6254233	53.1	1581.4
11310	B	K	2	1.1	106.4	17:12:45	415122	6254238	33.6	1650.0
11310	C	N	1	0.4	63.7	17:13:44	414655	6254225	40.1	1876.5
11320	A	N	1	0.4	59.5	17:09:03	414667	6254130	45.2	1867.3
11320	B	K	2	1.4	116.3	17:09:40	415128	6254136	46.8	1645.8
11320	C	K	2	3.2	178.3	17:09:50	415278	6254135	67.1	1571.6
11330	A	K	2	4.9	221.7	17:00:44	415328	6254026	51.8	1527.5
11330	B	N	2	4.9	221.7	17:00:47	415285	6254024	48.3	1551.8
11330	C	K	2	1.5	122.0	17:00:55	415201	6254018	46.4	1593.4
11340	A	K	2	1.3	115.8	16:58:05	415081	6253928	73.0	1654.1
11340	B	K	2	3.2	177.9	16:58:20	415297	6253933	51.9	1538.6
11350	A	K	2	1.8	132.9	16:50:52	415203	6253833	40.8	1610.8
11350	B	N	2	1.8	132.9	16:51:03	415148	6253828	44.1	1655.8
11360	A	K	1	0.3	54.1	19:16:28	414951	6253718	50.3	1759.4
11370	A	K	1	0.2	42.5	19:11:35	415041	6253622	41.5	1763.8
11380	A	K	1	0.4	60.0	19:07:15	414755	6253527	43.2	1708.7
11380	B	K	1	0.3	54.2	19:07:27	414975	6253528	39.7	1745.5
11390	A	K	2	4.4	208.5	19:03:33	414807	6253423	38.8	1676.0
11410	A	K	1	*	*	18:54:40	414968	6253211	54.4	1635.9
11420	A	N	1	0.1	26.6	18:48:55	415046	6253128	53.6	1679.9
11420	B	K	1	*	*	18:50:09	415789	6253125	48.1	1702.3
11420	C	K	1	0.5	69.3	18:50:26	416019	6253128	53.2	1542.4
11420	D	K	1	0.5	71.7	18:51:00	416497	6253135	34.0	1361.0
11430	A	N	1	0.1	35.3	18:43:18	416100	6253040	32.6	1531.1
11430	B	N	4	15.0	387.3	18:45:30	415022	6253034	57.7	1668.9

Line	Anom	I D	Grade	Cond. (S)	Tau (us)	UTC Time	Easting (m)	Northing (m)	Bird Height (m)	DTM (m)
11440	A	K	1	1.0	99.4	18:39:17	414994	6252931	57.7	1654.0
11440	B	N	3	7.9	281.8	18:40:58	416031	6252933	68.3	1607.9
11450	A	N	1	0.6	77.8	18:35:45	415077	6252817	63.7	1701.4
11460	A	K	2	4.5	211.6	18:32:11	416738	6252731	48.1	1528.4
11460	B	K	3	5.7	238.9	18:32:13	416758	6252732	49.0	1527.5
11460	C	N	3	5.7	238.9	18:32:16	416812	6252731	47.9	1531.2
11470	A	K	1	*	*	18:23:44	416677	6252632	52.3	1597.4
11480	A	K	1	0.4	59.8	18:20:31	415477	6252538	37.3	1883.6
11480	B	K	2	2.3	152.0	18:22:45	417044	6252528	45.4	1625.8
20021	A	K	1	0.1	31.7	19:49:48	420048	6251779	56.7	1726.3

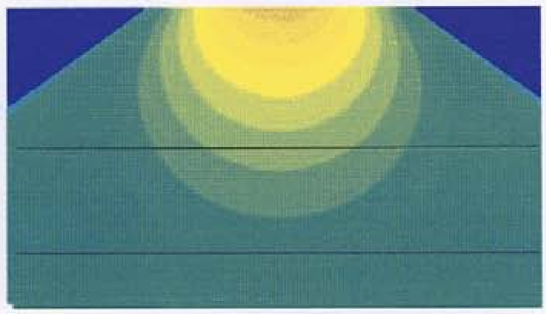
APPENDIX 4: AEROTEM DESIGN CONSIDERATIONS

Helicopter-borne EM systems offer an advantage that cannot be matched from a fixed-wing platform. The ability to fly at slower speed and collect data with high spatial resolution, and with great accuracy, means the helicopter EM systems provide more detail than any other EM configuration, airborne or ground-based. Spatial resolution is especially important in areas of complex geology and in the search for discrete conductors. With the advent of helicopter-borne high-moment time domain EM systems the fixed wing platforms are losing their *only* advantage – depth penetration.

Advantage 1 – Spatial Resolution

The AeroTEM system is specifically designed to have a small footprint. This is accomplished through the use of concentric transmitter-receiver coils and a relatively small diameter transmitter coil (5 m). The result is a highly focused exploration footprint, which allows for more accurate "mapping" of discrete conductors. Consider the transmitter primary field images shown in Figure 1, for AeroTEM versus a fixed-wing transmitter.

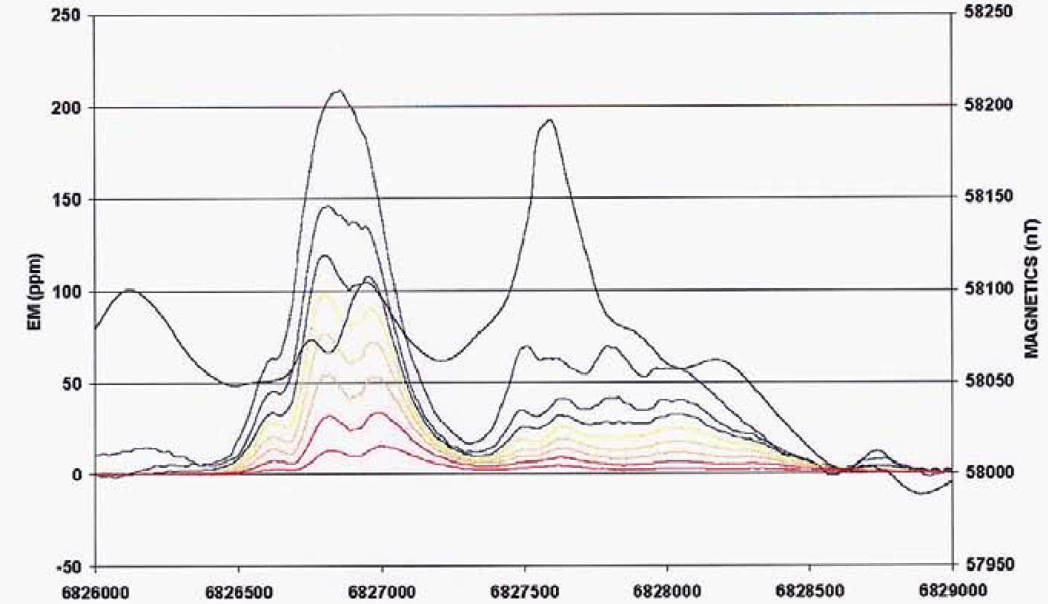
The footprint of AeroTEM at the earth's surface is roughly 50m on either side of transmitter



The footprint of a fixed-wing system is roughly 150 m on either side of the transmitter

Figure 1. A comparison of the footprint between AeroTEM and a fixed-wing system, highlights the greater resolution that is achievable with a transmitter located closer to the earth's surface. The AeroTEM footprint is one third that of a fixed-wing system and is symmetric, while the fixed-wing system has even lower spatial resolution along the flight line because of the separated transmitter and receiver configuration.

At first glance one may want to believe that a transmitter footprint that is distributed more evenly over a larger area is of benefit in mineral exploration. In fact, the opposite is true; by energizing a larger surface area, the ability to energize and detect discrete conductors is reduced. Consider, for example, a comparison between AeroTEM and a fixed-wing system over the Mesamax Deposit (1,450,000 tonnes of 2.1% Ni, 2.7% Cu, 5.2 g/t Pt/Pd). In a test survey over three flight lines spaced 100 m apart, AeroTEM detected the Deposit on all three flight lines. The fixed-wing system detected the Deposit only on two flight lines. In exploration programs that seek to expand the flight line spacing in an effort to reduce the cost of the airborne survey, discrete conductors such as the Mesamax Deposit can go undetected. The argument often put forward in favor of using fixed-wing systems is that because of their larger footprint, the flight line spacing can indeed be widened. Many fixed-wing surveys are flown at 200 m or 400 m. Much of the survey work performed by Aeroquest has been to survey in areas that were previously flown at these wider line spacings. One of the reasons for AeroTEM's impressive discovery record has been the strategy of flying closely spaced lines and finding all the discrete near-surface conductors. These higher resolution surveys are being flown within existing mining camps, areas that improve the chances of discovery.



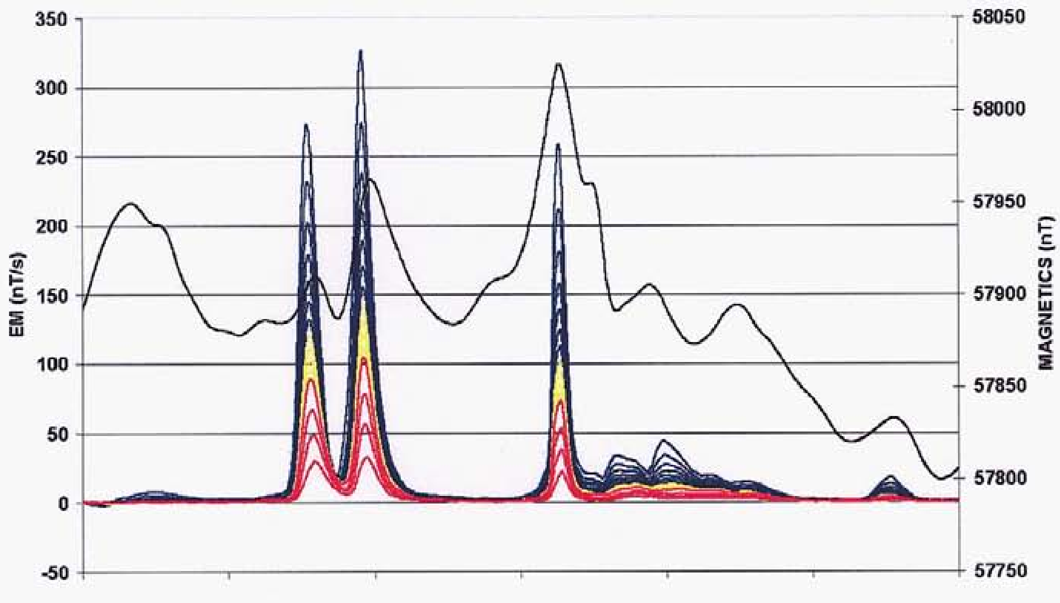


Figure 2. Fixed-wing (upper) and AeroTEM (lower) comparison over the eastern limit of the Mesamax Deposit, a Ni-Cu-PGE zone located in the Raglan nickel belt and owned by Canadian Royalties. Both systems detected the Deposit further to the west where it is closer to surface.

The small footprint of AeroTEM combined with the high signal to noise ratio (S/N) makes the system more suitable to surveying in areas where local infrastructure produces electromagnetic noise, such as power lines and railways. In 2002

Aeroquest flew four exploration properties in the Sudbury Basin that were under option by FNX Mining Company Inc. from Inco Limited. One such property, the Victoria Property, contained three major power line corridors.

The resulting AeroTEM survey identified all the known zones of Ni-Cu-PGE mineralization, and detected a response between two of the major power line corridors but in an area of favorable geology. Three boreholes were drilled to test the anomaly, and all three intersected sulphide. The third borehole encountered 1.3% Ni, 6.7% Cu, and 13.3 g/t TPMs over 42.3 ft. The mineralization was subsequently named the Powerline Deposit.

The success of AeroTEM in Sudbury highlights the advantage of having a system with a small footprint, but also one with a high S/N. This latter advantage is achieved through a combination of a high-moment (high signal) transmitter and a rigid geometry (low noise). Figure 3 shows the Powerline Deposit response and the response from the power line corridor at full scale. The width of power line response is less than 75 m.

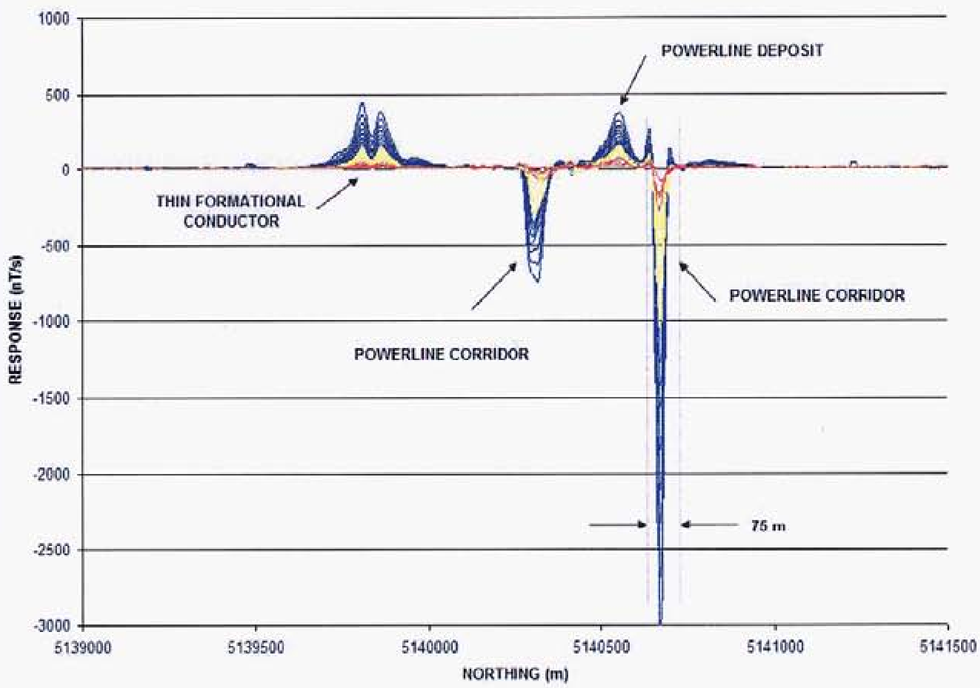


Figure 3. The Powerline Deposit is located between two major power line corridors, which make EM surveying problematic. Despite the strong response from the power line, the anomaly from the Deposit is clearly detected. Note the thin formational conductor located to the south. The only way to distinguish this response from that of two closely spaced conductors is by interpreting the X-axis coil response.

Advantage 2 – Conductance Discrimination

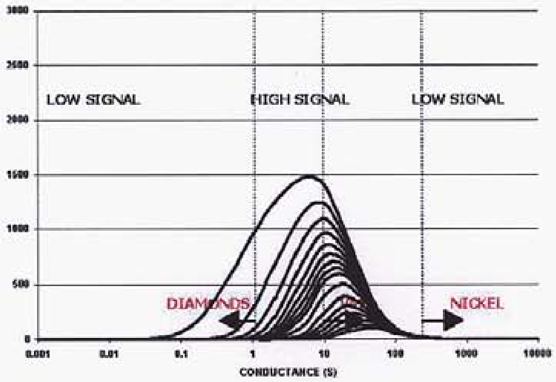
The AeroTEM system features full waveform recording and as such is able to measure the on-time response due to high conductance targets. Due to the processing method (primary field removal), there is attenuation of the response with increasing conductance, but the AeroTEM on-time measurement is still superior to systems that rely on lower base frequencies to detect high conductance targets, but do not measure in the on-time.

The peak response of a conductive target to an EM system is a function of the target conductance and the EM system base frequency. For time domain EM systems that measure only in the off-time, there is a drop in the peak response of a target as the base frequency is lowered for all conductance values below the peak system response. For example, the AeroTEM peak response occurs for a 10 S conductor in the early off-time and 100 S in the late off-time for a 150 Hz base frequency. Because base frequency and conductance form a linear relationship when considering the peak response of any EM system, a drop in base frequency of 50% will double the conductance at which an EM system shows its peak response. If the base frequency were lowered from 150 Hz to 30 Hz there would be a fivefold increase in conductance at which the peak response of an EM occurred.

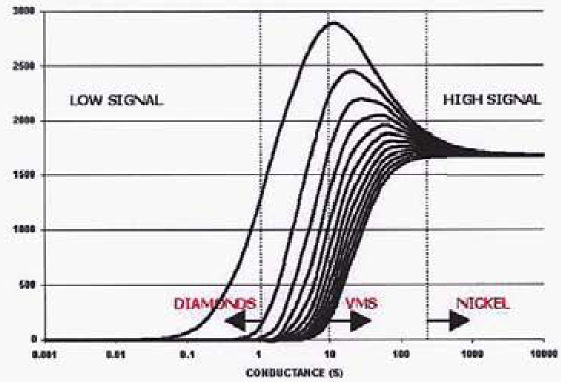
However, in the search for highly conductive targets, such as pyrrhotite-related Ni-Cu-PGM deposits, a fivefold increase in conductance range is a high price to pay because the signal level to lower conductance targets is reduced by the same factor of five. For this reason, EM systems that operate with low base frequencies are not suitable for general exploration unless the target conductance is more than 100 S, or the target is covered by conductive overburden.

Despite the excellent progress that has been made in modeling software over the past two decades, there has been little work done on determining the optimum form of an EM system for mineral exploration. For example, the optimum configuration in terms of geometry, base frequency and so remain unknown. Many geophysicists would argue that there is no single ideal configuration, and that each system has its advantages and disadvantages. We disagree.

When it comes to detecting and discriminating high-conductance targets, it is necessary to measure the pure inphase response of the target conductor. This measurement requires that the measured primary field from the transmitter be subtracted from the total measured response such that the secondary field from the target conductor can be determined. Because this secondary field is in-phase with the transmitter primary field, it must be made while the transmitter is turned on and the transmitter current is changing. The transmitted primary field is several orders of magnitude larger than the secondary field. AeroTEM uses a bucking coil to reduce the primary field at the receiver coils. The only practical way of removing the primary field is to maintain a rigid geometry between the transmitter, bucking and receiver coils. This is the main design consideration of the AeroTEM airframe and it is the only time domain airborne system to have this configuration.



The off-time AeroTEM response for the 16 channel configuration.



The on-time response assuming 100% removal of the measured primary field.

Figure 4. The off-time and on-time response nomogram of AeroTEM for a base frequency of 150 Hz. The on-time response is much stronger for higher conductance targets and this is why on-time measurements are more important than lower frequencies when considering high conductance targets in a resistive environment.

Advantage 3 – Multiple Receiver Coils

AeroTEM employs two receiver coil orientations. The Z-axis coil is oriented parallel to the transmitter coil and both are horizontal to the ground. This is known as a maximum coupled configuration and is optimal for detection. The X-axis coil is oriented at right angles to the transmitter coil and is oriented along the line-of-flight. This is known as a minimum coupled configuration, and provides information on conductor orientation and thickness. These two coil configurations combined provide important information on the position, orientation, depth, and thickness of a conductor that cannot be matched by the traditional geometries of the HEM or fixed-wing systems. The responses are free from a system geometric effect and can be easily compared to model type curves in most cases. In other words, AeroTEM data is very easy to interpret. Consider, for example, the following modeled profile:

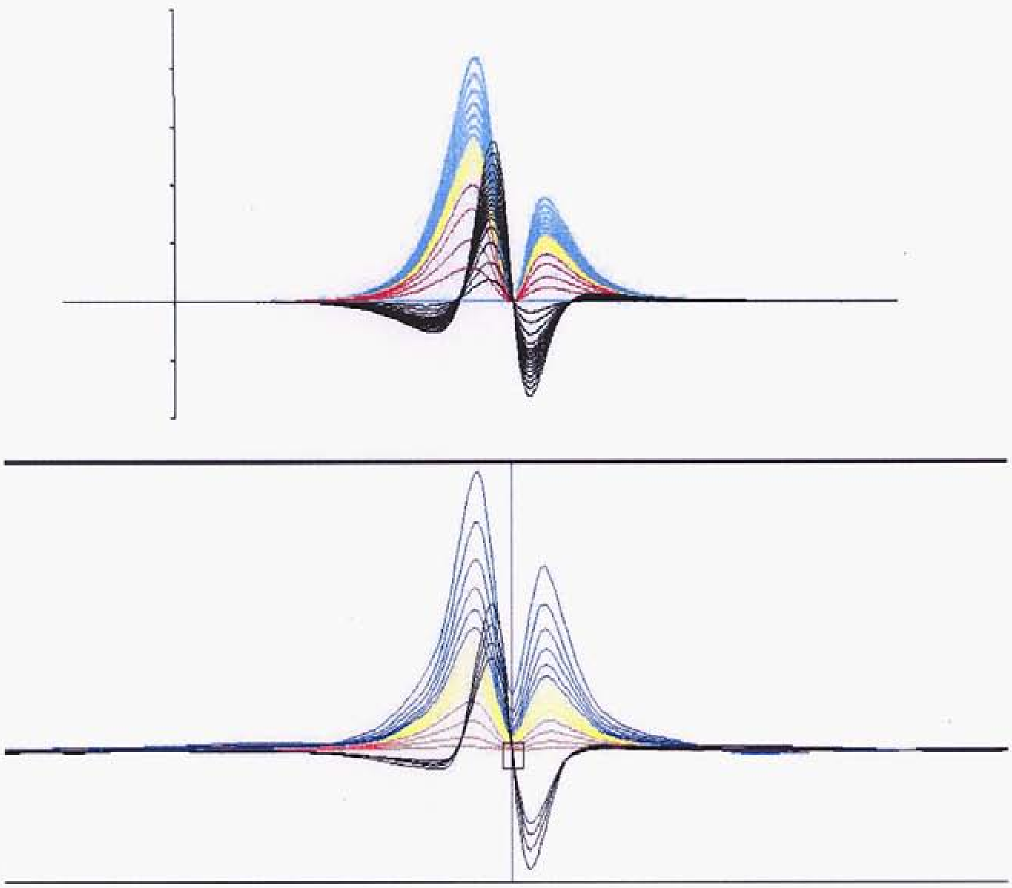


Figure 5. Measured (lower) and modeled (upper) AeroTEM responses are compared for a thin steeply dipping conductor. The response is characterized by two peaks in the Z-axis coil, and a cross-over in the X-axis coil that is centered between the two Z-axis peaks. The conductor dips toward the higher amplitude Z-axis peak. Using the X-axis cross-over is the only way of differentiating the Z-axis response from being two closely spaced conductors.

HEM versus AeroTEM

Traditional helicopter EM systems operate in the frequency domain and benefit from the fact that they use narrowband as opposed to wide-band transmitters. Thus all of the energy from the transmitter is concentrated in a few discrete frequencies. This allows the systems to achieve excellent depth penetration (up to 100 m) from a transmitter of modest power. The Aeroquest Impulse system is one implementation of this technology.

The AeroTEM system uses a wide-band transmitter and delivers more power over a wide frequency range. This frequency range is then captured into 16 time channels, the early channels containing the high frequency information and the late time channels containing the low frequency information down to the system base frequency. Because frequency domain HEM systems employ two coil configurations (coplanar and coaxial) there are only a maximum of three comparable frequencies per configuration, compared to 16 AeroTEM off-time and 12 AeroTEM on-time channels.

Figure 6 shows a comparison between the Dighem HEM system (900 Hz and 7200 Hz coplanar) and AeroTEM (Zaxis) from surveys flown in Raglan, in search of highly conductive Ni-Cu-PGM sulphide. In general, the AeroTEM peaks are sharper and better defined, in part due to the greater S/N ratio of the AeroTEM system over HEM, and also due to the modestly filtered AeroTEM data compared to HEM. The base levels are also better defined in the AeroTEM data. AeroTEM filtering is limited to spike removal and a 5-point smoothing filter. Clients are also given copies of the raw, unfiltered data.

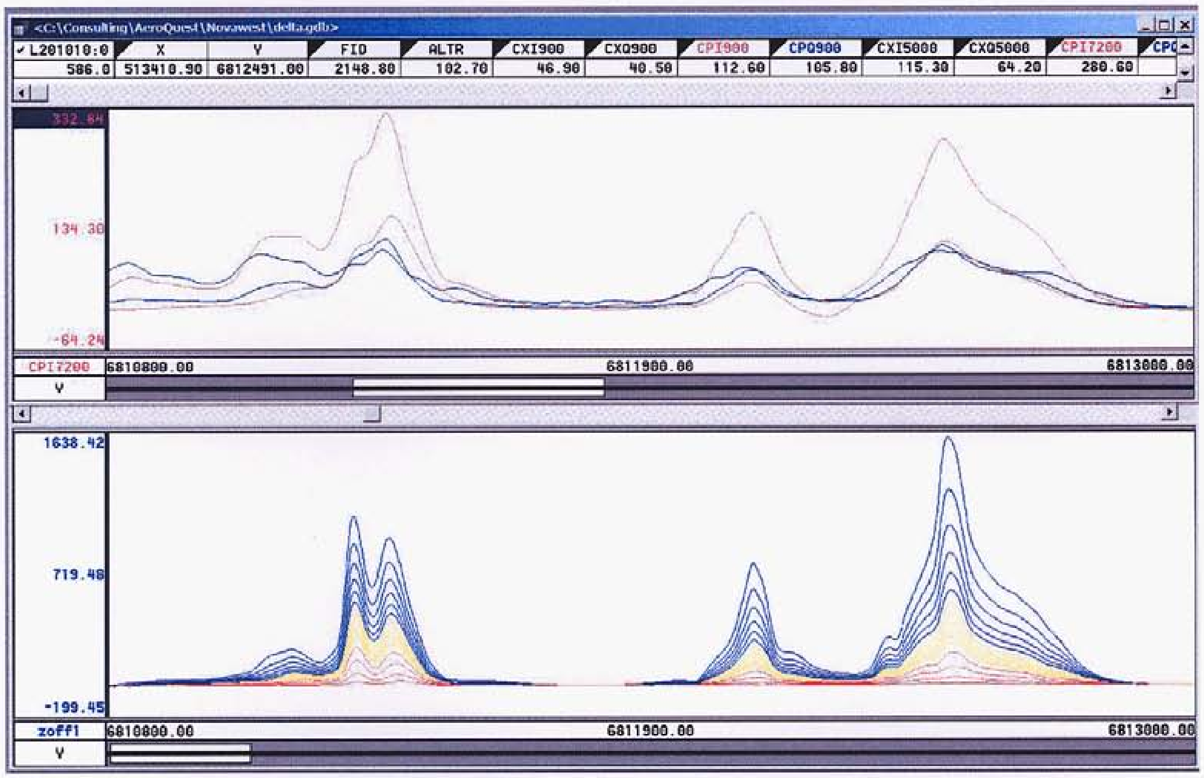


Figure 6. Comparison between Dighem HEM (upper) and AeroTEM (lower) surveys flown in the Raglan area. The AeroTEM responses appear to be more discrete, suggesting that the data is not as heavily filtered as the HEM data. The S/N advantage of AeroTEM over HEM is about 5:1.

Aeroquest Limited is grateful to the following companies for permission to publish some of the data from their respective surveys: Wolfden Resources, FNX Mining Company Inc, Canadian Royalties, Nova West Resources, Aurogin Resources, Spectrem Air. Permission does not imply an endorsement of the AeroTEM system by these companies.

APPENDIX 4: AeroTEM Instrumentation Specification Sheet

AEROTEM Helicopter Electromagnetic System

System Characteristics

- Transmitter: Triangular Pulse Shape Base Frequency 30 or 150 Hz
- Tx On Time - 5,750 (30Hz) or 1,150 (150Hz) μs
- Tx Off Time - 10,915 (30Hz) or 2,183 (150Hz) μs
- Loop Diameter - 5 m
- Peak Current - 250 A
- Peak Moment - 38,800 NIA
- Typical Z Axis Noise at Survey Speed = 8 ppb peak
- Sling Weight: 270 Kg
- Length of Tow Cable: 40 m
- Bird Survey Height: 30 m or less nominal

Receiver

- Three Axis Receiver Coils (x, y, z) positioned at centre of transmitter loop
- Selectable Time Delay to start of first channel 21.3 , 42.7, or 64.0 ms

Display & Acquisition

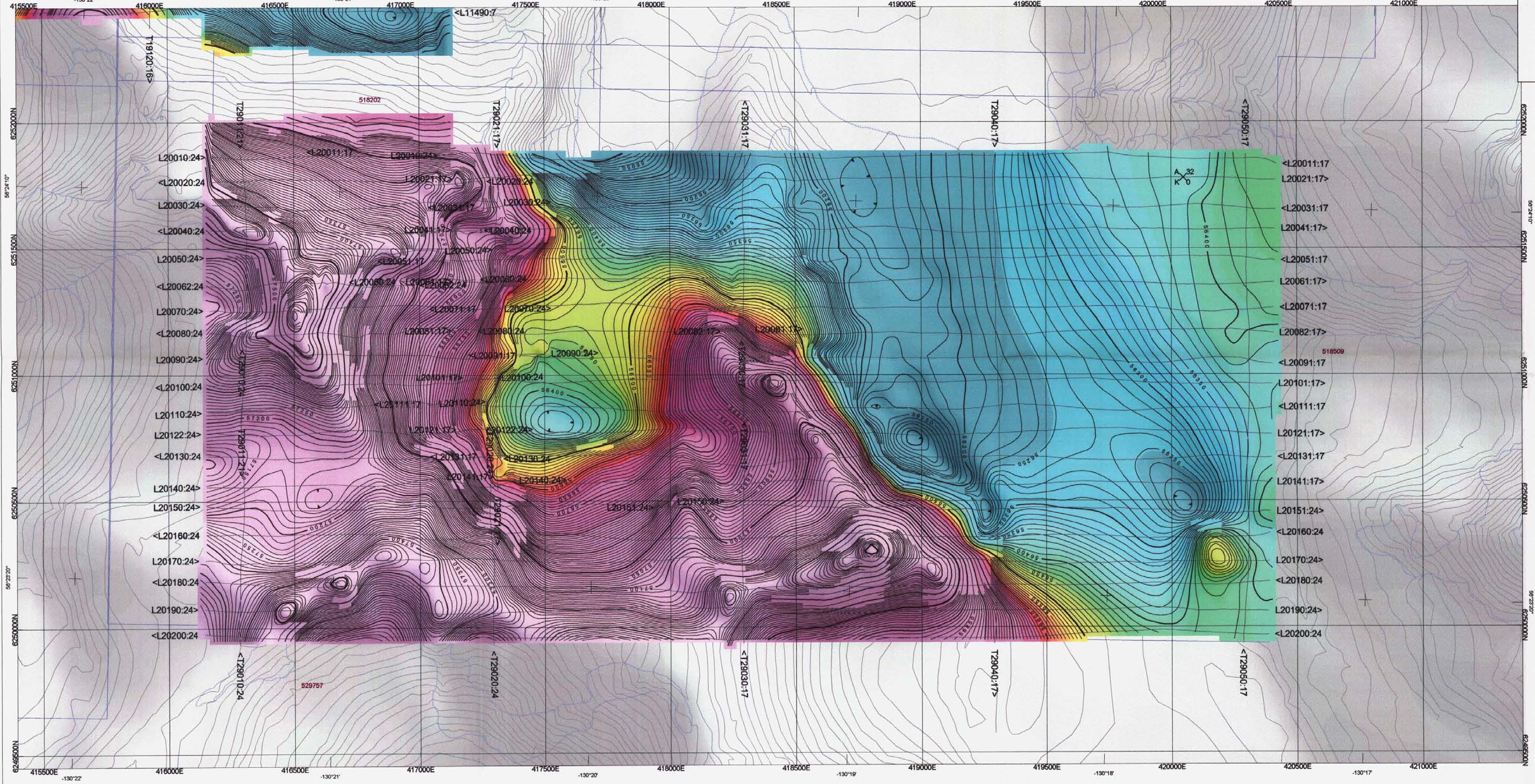
- PROTODAS Digital recording at 126 samples per decay curve at a maximum of 300 curves per second (26.455 μs channel width)
- RMS Channel Widths: 52.9,132.3, 158.7, 158.7, 317.5, 634.9 μs
- Recording & Display Rate = 10 readings per second.
- On-board display - six channels Z-component and 1 X-component

System Considerations

Comparing a fixed-wing time domain transmitter with a typical moment of 500,000 NIA flying at an altitude of 120 m with a Helicopter TDEM at 30 m, notwithstanding the substantial moment loss in the airframe of the fixed wing, the same penetration by the lower flying helicopter system would only require a sixty-fourth of the moment. Clearly the AeroTEM system with nearly 40,000 NIA has more than sufficient moment. The airframe of the fixed wing presents a response to the towed bird, which requires dynamic compensation. This problem is non-existent for AeroTEM since transmitter and receiver positions are fixed. The AeroTEM system is completely portable, and can be assembled at the survey site within half a day.

Tel: +1 905 878-5616. Fax: +1 905 876-0193.
Email: sales@aeroquestsurveys.com

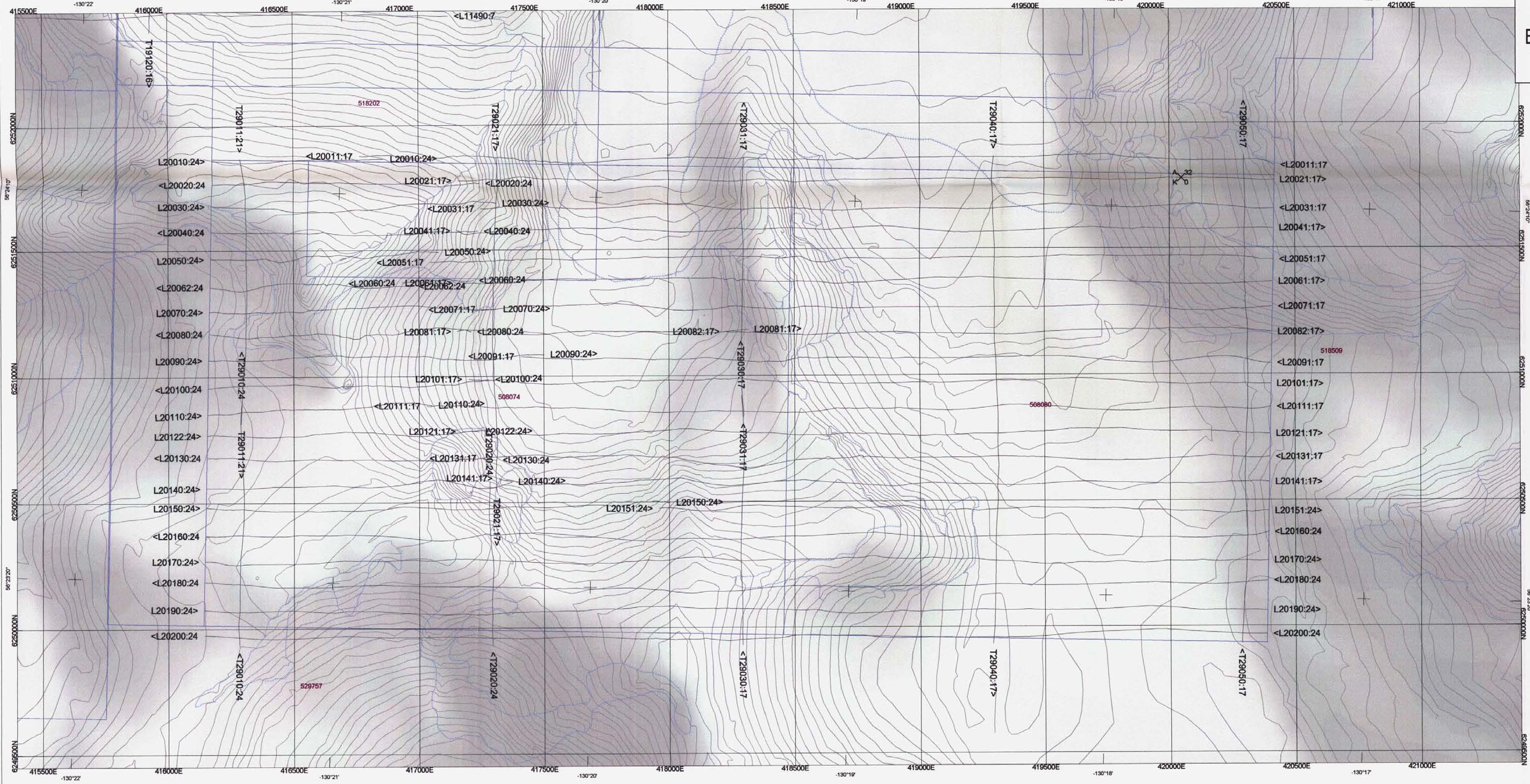
TOTAL MAGNETIC INTENSITY



57227.4
57042.2
56799.3
56672.3
56623.0
56593.8
56573.5
56559.3
56544.9
56531.8
56521.3
56511.8
56502.5
56491.5
56480.7
56470.2
56460.1
56450.5
56441.1
56430.3
56417.9
56404.6
56391.0
56375.6
56359.9
56336.2
56301.2
56248.6
nT

TMI Contour Interval
10, 50nT
100nT
500nT

Flight Path & EM Anomalies

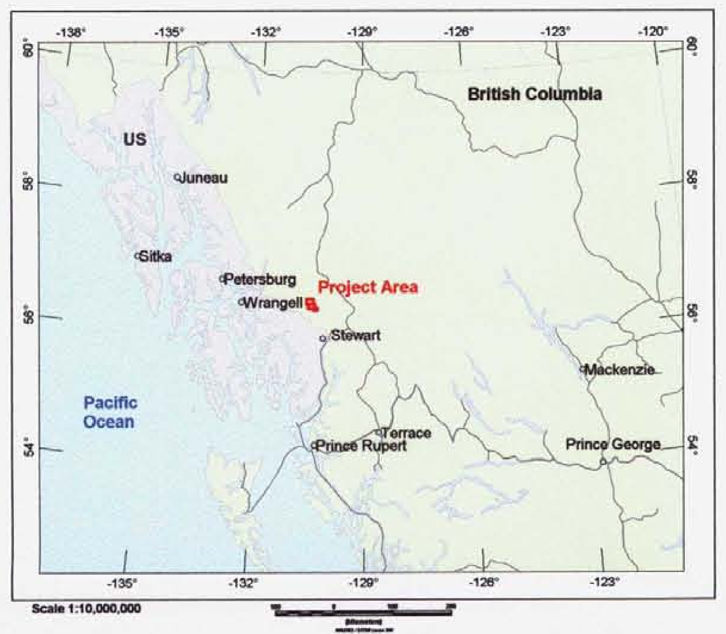


Grid North
NAD83 - Zone 9

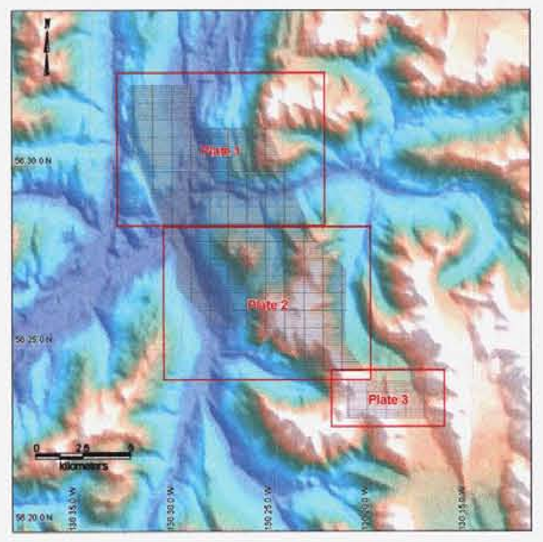
The topographic data base was provided by client

Inset data derived from Natural Resources Canada 'Atlas of Canada Base Maps'

This map accompanies the technical report entitled 'Report on a Helicopter-Borne Magnetic and Electromagnetic Survey, Corey Project', by Aeroquest Limited, May 2006



Scale 1:10,000,000



Off-Time Anomaly Symbols

>50S ....
35-50S ....
20-35S ....
10-20S ....
5-10S ....
1-5S ....
<1S ....

anomaly label A 125 decay constant (µs)
thicK/thiN source K 36 off-time conductance (S)

SURVEY SPECIFICATIONS:
Survey flown: 6-21 April, 2006
Traverse line spacing: 100 metres
Traverse line direction: E-W (90°)
Nominal EM bird height: 30 metres
Aircraft: Aerospatiale A-Star 350B2 (C-GPTY)
INSTRUMENTATION:
Data acquisition: ADAS & RMS DGR-33
Magnetometer: Geometrics G-823A cesium vapour
Installation: Towed bird 17 m above EM bird
Sensitivity: .001 nanoTesla
Electromagnetics: AeroTEM II System (ECHO)
Configuration: Towed bird
NAVIGATION:
Navigation: Differential Global Positioning System (DGPS)
Navigation equipment: AGNAV with MID-TECH RX400p receiver
Radar Altimeter: Terra TRA3000/TRI-30
DATA PROCESSING
Magnetics: diurnal, tieline and micro-leveling corrections
POSITIONING
Datum: NAD83
Major Axis: 6378137.000
Eccentricity: 0.081819191
MAP PROJECTION
Projection: Universal Transverse Mercator
Central Meridian: 129°W (Zone 9)
Central Scale Factor: 0.9996
False Easting/Northing: 500,000m/0m

scale 1:10,000
200 0 200 400 600
metres
NAD83 / UTM zone 9N

Kenrich-Eskay Mining Corp.
Eskay Creek Area, British Columbia

TOTAL MAGNETIC INTENSITY
Corey Block

NTS 104B08

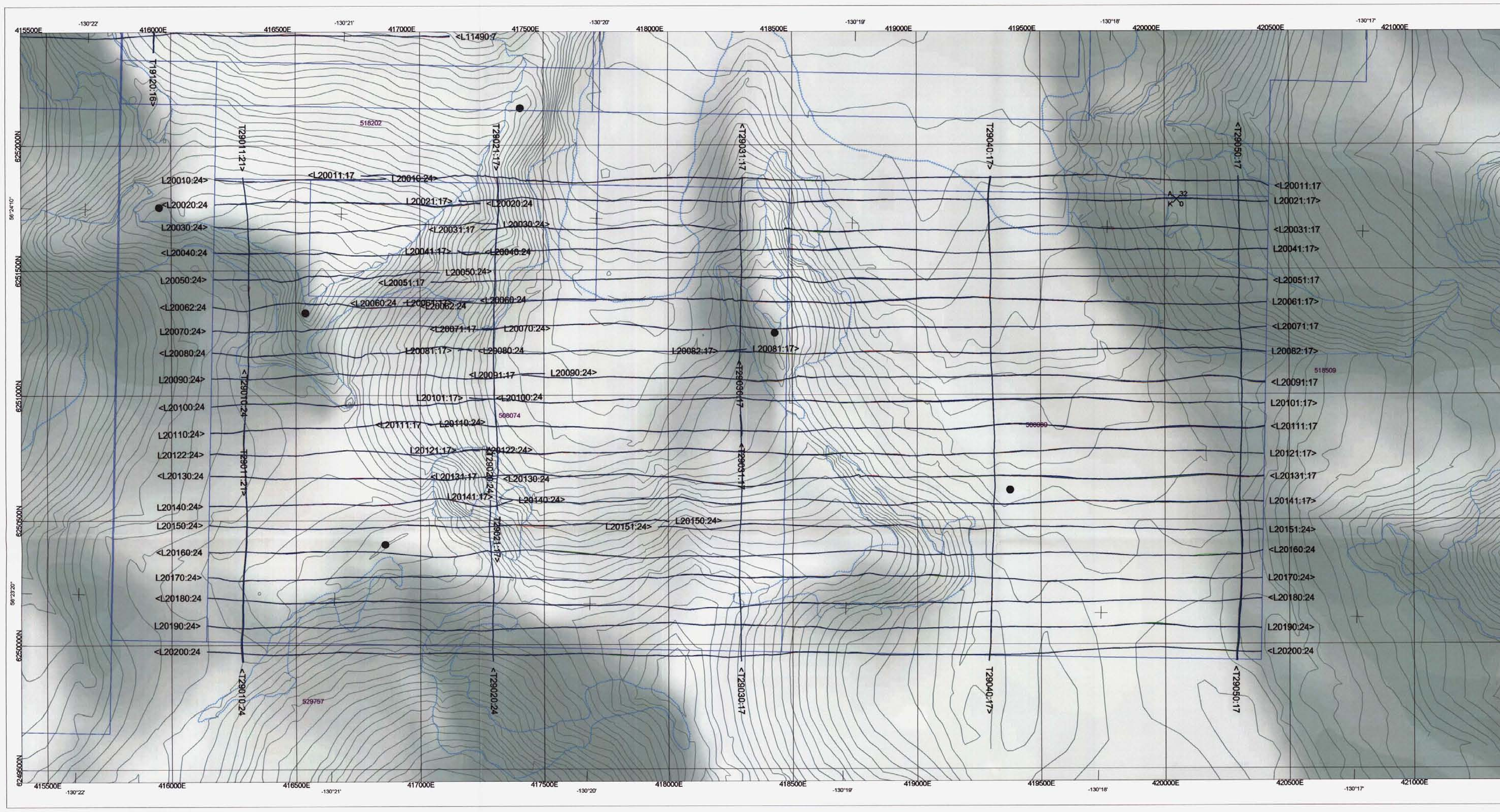
Survey flown by:
AEROQUEST LIMITED
4-845 Main St. East
Milton, Ont., CANADA L9T 3Z3
Tel: (905) 693-9129 Fax: (905) 693-9128
www.aeroquestsurveys.com

May 2006

Corey Block

Mag Products_10k_Corey.map

AEROTEM OFF-TIME PROFILES

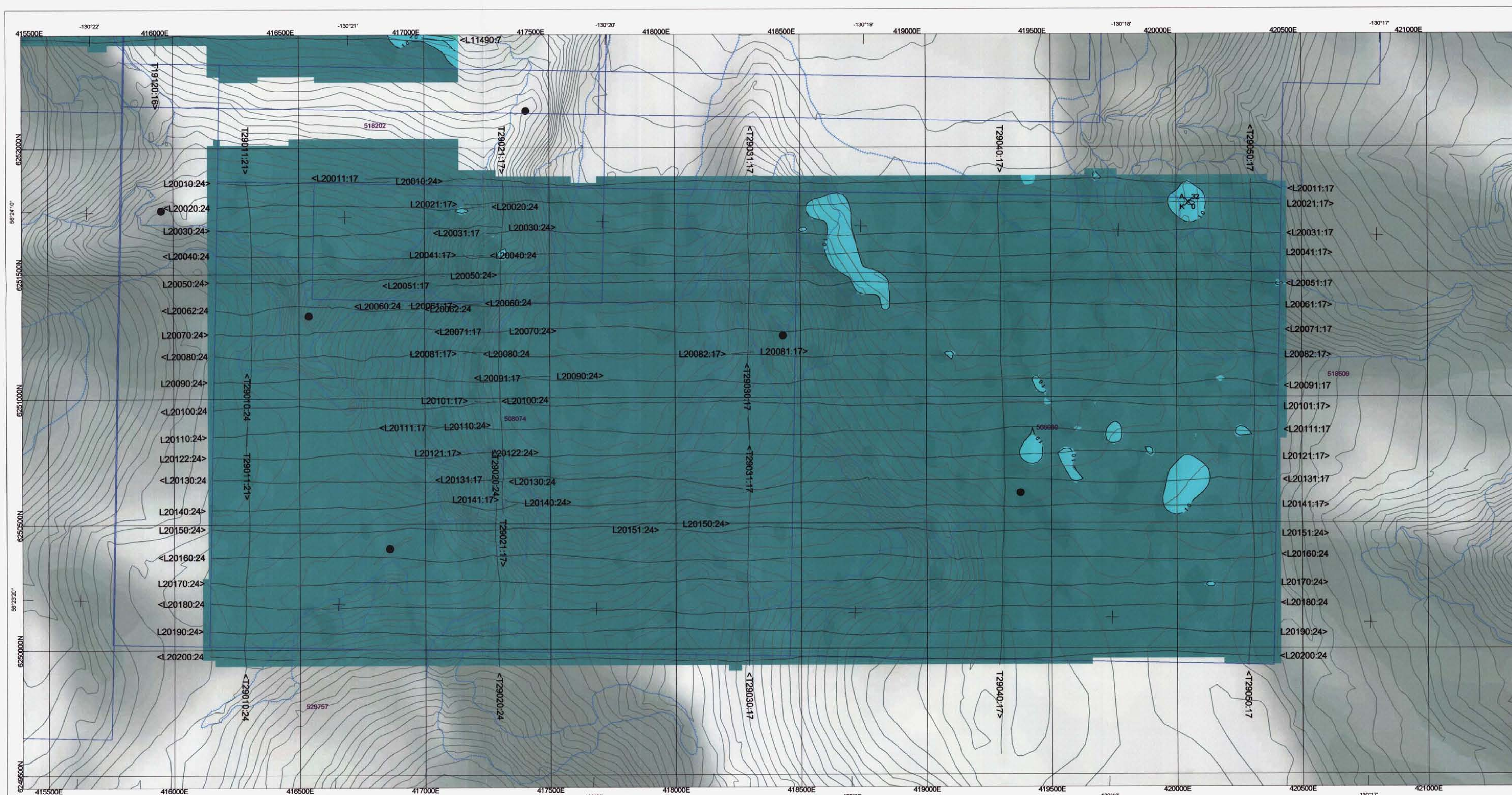


AeroTEM Profiles

positive excursion to top and right, 1mm=50nT/s

- Z1 Off-Time Channel
- Z2 Off-Time Channel
- Z3 Off-Time Channel
- Z4 Off-Time Channel
- Z5 Off-Time Channel
- Z6 Off-Time Channel
- Z7 Off-Time Channel
- Z8 Off-Time Channel
- Z9 Off-Time Channel
- Z10 Off-Time Channel
- Z11 Off-Time Channel

AEROTEM Z1 OFF-TIME



nT/s

ZOFF Contour Interval

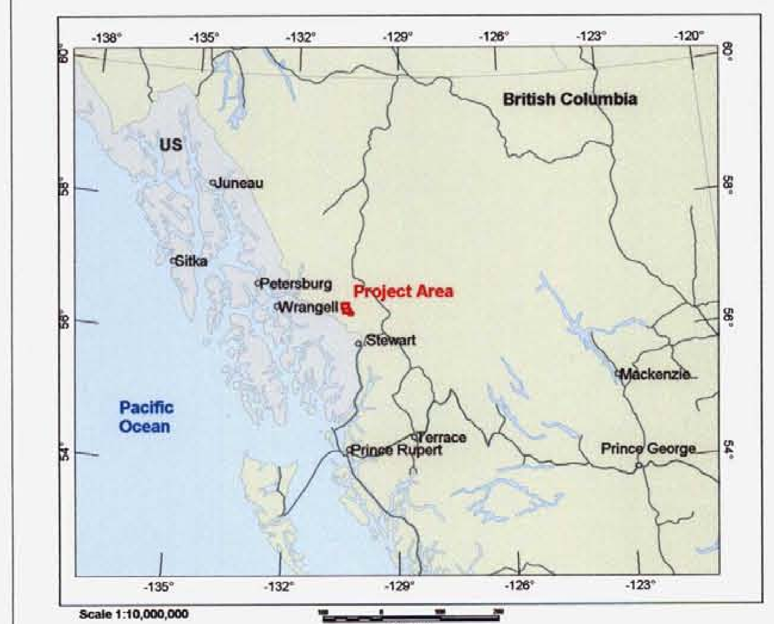
- 10, 50nT/s
- 100nT/s
- 500nT/s

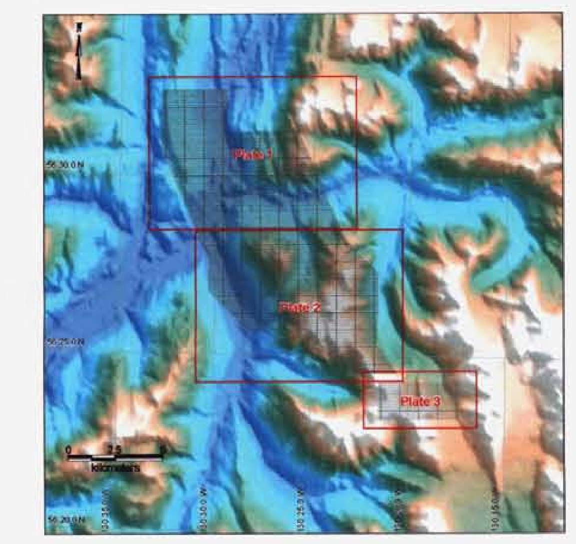
Grid North
NAD83 - Zone 9

The topographic data base was provided by client

Inset data derived from Natural Resources Canada 'Atlas of Canada Base Maps'

This map accompanies the technical report entitled 'Report on a Helicopter-Borne Magnetic and Electromagnetic Survey, Corey Project', by Aeroquest Limited, May 2006





Off-Time Anomaly Symbols

- >50S
- 35-50S
- 20-35S
- 10-20S
- 5-10S
- 1-5S
- <1S

anomaly label A, 125 decay constant (μs)
thicK/thiN source K, 36 off-time conductance (S)

SURVEY SPECIFICATIONS:
Survey flown: 6-21 April, 2006
Traverse line spacing: 100 metres
Traverse line direction: E-W (90°)
Nominal EM bird height: 30 metres
Aircraft: Aerospatiale A-Star 350B2 (C-GPTY)

INSTRUMENTATION:
Data acquisition: ADAS & RMS DGR-33
Magnetometer: Geometrics G-823A cesium vapour
Installation: Towed bird 17 m above EM bird
Sensitivity: .001 nanoTesla
Electromagnetics: AeroTEM II System (ECHO)
Configuration: Towed bird

NAVIGATION:
Navigation: Differential Global Positioning System (DGPS)
Navigation equipment: AGNAV with MID-TECH RX400p receiver
Radar Altimeter: Terra TRA3000/TRI-30

DATA PROCESSING
Magnetics: diurnal, tieline and micro-leveling corrections

POSITIONING
Datum: NAD83
Major Axis: 6378137.000
Eccentricity: 0.081819191

MAP PROJECTION
Projection: Universal Transverse Mercator
Central Meridian: 129°W (Zone 9)
Central Scale Factor: 0.9996
False Easting/Northing: 500,000m/0m

scale 1:10,000

metres
NAD83 / UTM zone 9N

Kenrich-Eskay Mining Corp.
Eskay Creek Area, British Columbia

EM Products
Corey Block

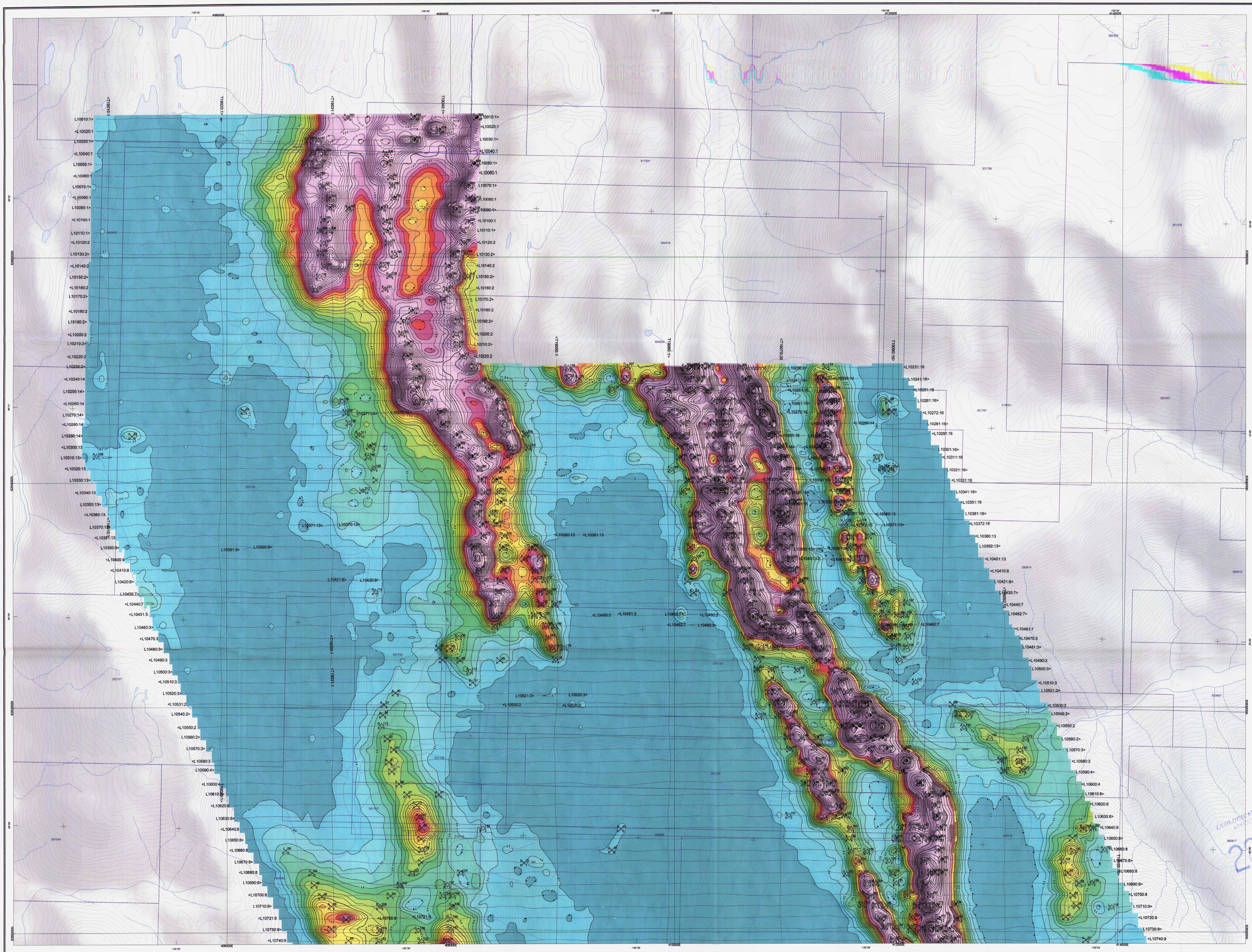
NTS 104B08

Survey flown by:

AEROQUEST LIMITED
4-845 Main St. East
Milton, Ont., CANADA L9T 3Z3
Tel: (905) 693-9129 Fax: (905) 693-9128
www.aeroquestsurveys.com

May 2006

Corey Block



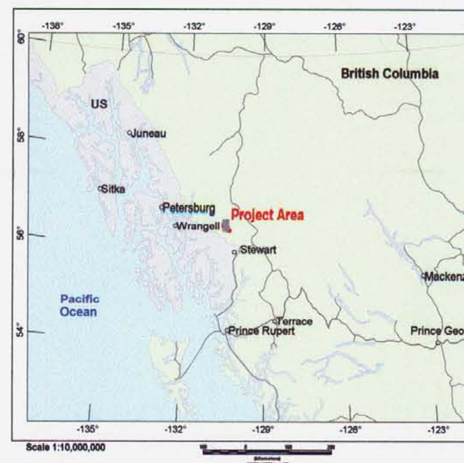
Grid North

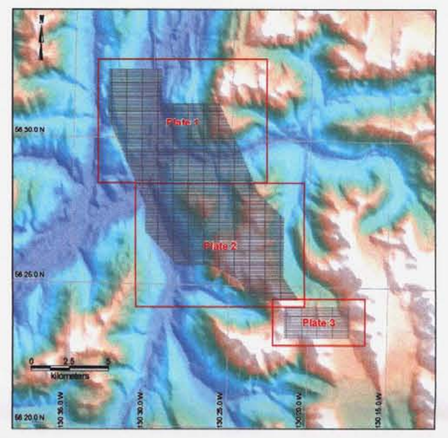
NAD83-Zone9

The topographic data base was provided by client

Inset data derived from Natural Resources Canada 'Atlas of Canada Base Maps'

This map accompanies the technical report entitled 'Report on a Helicopter-Borne Magnetic and Electromagnetic Survey, Corey Project', by Aeroquest Limited, May 2006





190.0
180.0
170.0
160.0
150.0
140.0
130.0
120.0
110.0
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0

nT/s

ZOFF Contour Interval

10, 50nT/s

100nT/s

500nT/s

Off-Time Anomaly Symbols

>50S

35-50S

20-35S

10-20S

5-10S

1-5S

<1S

anomaly label A 125 decay constant (μs)

thicK/thiN source K 36 off-time conductance (S)

SURVEY SPECIFICATIONS:
- Survey flown: 6-21 April, 2006
- Traverse line spacing: 100 metres
- Traverse line direction: E-W (90°)
- Nominal EM bird height: 30 metres
- Aircraft: Aerospatiale A-Star 350B2 (C-GPTY)

INSTRUMENTATION:
- Data acquisition: ADAS & RMS DGR-33
- Magnetometer: Geometrics G-823A cesium vapour
  - Installation: Towed bird 17 m above EM bird
  - Sensitivity: .001 nanoTesla
- Electromagnetics: AeroTEM II System (ECHO)
  - Configuration: Towed bird

NAVIGATION:
- Navigation: Differential Global Positioning System (DGPS)
- Navigation equipment: AGNAV with MID-TECH RX400p receiver
- Radar Altimeter: Terra TRA3000/TRI-30

DATA PROCESSING
- Magnetics: diurnal, tieline and micro-leveling corrections

POSITIONING
- Datum: NAD83
  - Major Axis: 6378137.000
  - Eccentricity: 0.081819191

MAP PROJECTION
- Projection: Universal Transverse Mercator
- Central Meridian: 129°W (Zone 9)
- Central Scale Factor: 0.9996
- False Easting/Northing: 500,000m/0m

scale 1:10,000

200 0 200 400 600

metres

NAD83 / UTM zone 9N

Kenrich-Eskay Mining Corp.

Eskay Creek Area, British Columbia

AEROTEM Z1 OFF-TIME

Corey Block, Plate 1

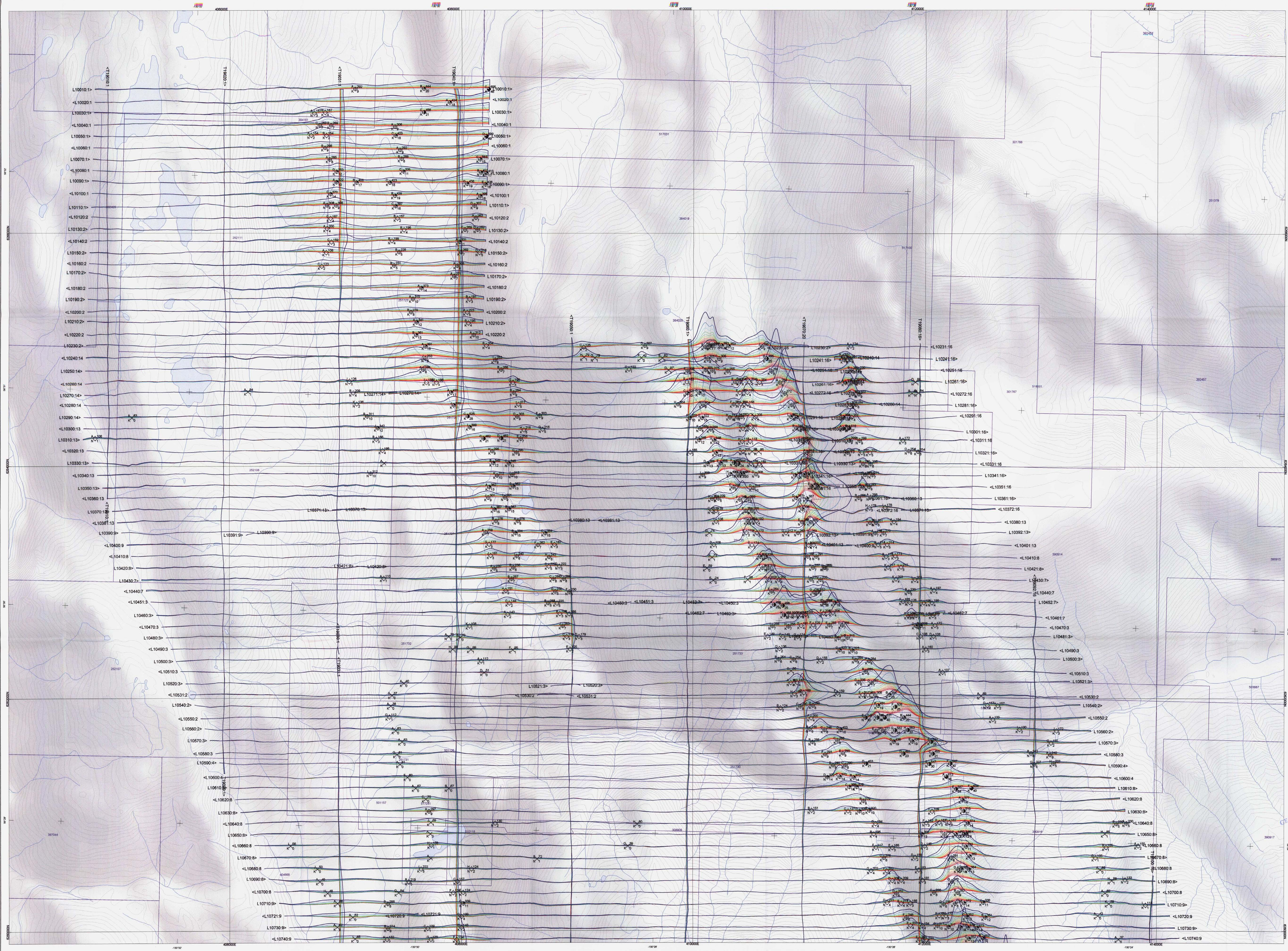
NTS 104B10,9, 7,8

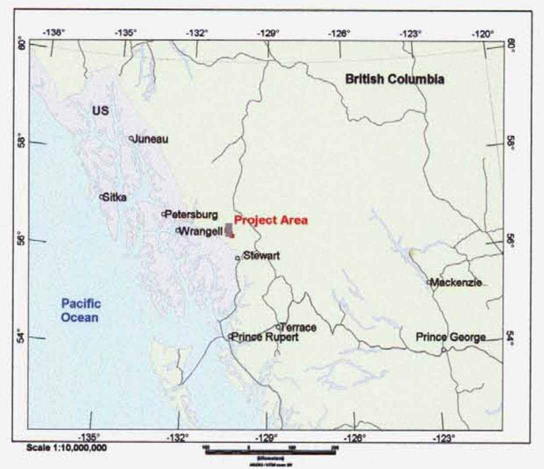
AEROQUEST LIMITED
4-845 Main St. East
Milton, Ont., CANADA L9T 3Z3
Tel: (905) 693-9129 Fax: (905) 693-9128
www.aeroquestsurveys.com

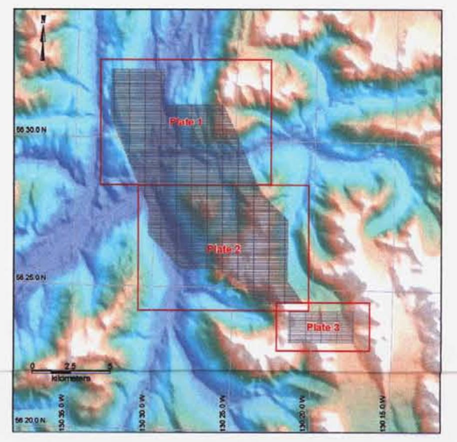
May 2006

ZOFF Plate 1

Grid North
NAD83-Zone9
The topographic data base was provided by client
Inset data derived from Natural Resources Canada 'Atlas of Canada Base Maps'
This map accompanies the technical report entitled 'Report on a Helicopter-Borne Magnetic and Electromagnetic Survey, Corey Project', by Aeroquest Limited, May 2006
British Columbia
US
Juneau
nT/s
ZOFF Contour Interval
10, 50nT/s
100nT/s
500nT/s
Off-Time Anomaly Symbols
>50S
35-50S
20-35S
10-20S
5-10S
1-5S
<1S
anomaly label A
125 decay constant (μs)
thicK/thiN source K
36 off-time conductance (S)
SURVEY SPECIFICATIONS:
Survey flown: 6-21 April, 2006
Traverse line spacing: 100 metres
Traverse line direction: E-W (90º)
Nominal EM bird height: 30 metres
Aircraft: Aerospatiale A-Star 350B2 (C-GPTY)
INSTRUMENTATION:
Data acquisition: ADAS & RMS DGR-33
Magnetometer: Geometrics G-823A cesium vapour
Installation: Towed bird 17 m above EM bird
Sensitivity: .001 nanoTesla
Electromagnetics: AeroTEM II System (ECHO)
Configuration: Towed bird
NAVIGATION:
Navigation: Differential Global Positioning System (DGPS)
Navigation equipment: AGNAV with MID-TECH RX400p receiver
Radar Altimeter: Terra TRA3000/TRI-30
DATA PROCESSING
Magnetics: diurnal, tieline and micro-leveling corrections
POSITIONING
Datum: NAD83
Major Axis: 6378137.000
Eccentricity: 0.081819191
MAP PROJECTION
Projection: Universal Transverse Mercator
Central Meridian: 129°W (Zone 9)
Central Scale Factor: 0.9996
False Easting/Northing: 500,000m/0m
scale 1:10,000
200 0 200 400 600
metres
NAD83 / UTM zone 9N
Kenrich-Eskay Mining Corp.
Eskay Creek Area, British Columbia
AEROTEM Z1 OFF-TIME
Corey Block, Plate 2
NTS 104B07,8
AEROQUEST LIMITED
4-845 Main St. East
Milton, Ont., CANADA L9T 3Z3
Tel: (905) 693-9129 Fax: (905) 693-9128
www.aeroquestsurveys.com
May 2006
ZOFF Plate 2







Grid North
NAD83-Zone9

The topographic data base was provided by client

Inset data derived from Natural Resources Canada 'Atlas of Canada Base Maps'

This map accompanies the technical report entitled 'Report on a Helicopter-Borne Magnetic and Electromagnetic Survey, Corey Project', by Aeroquest Limited, May 2006

AeroTEM Profiles

positive excursion to top and right, 1mm=50nT/s

Z1 Off-Time Channel
Z2 Off-Time Channel
Z3 Off-Time Channel
Z4 Off-Time Channel
Z5 Off-Time Channel
Z6 Off-Time Channel
Z7 Off-Time Channel
Z8 Off-Time Channel
Z9 Off-Time Channel
Z10 Off-Time Channel
Z11 Off-Time Channel

Off-Time Anomaly Symbols

>50S
35-50S
20-35S
10-20S
5-10S
1-5S
<1S

anomaly label A
125 decay constant (µs)
thicK/thiN source K
36 off-time conductance (S)

SURVEY SPECIFICATIONS:
Survey flown: 6-21 April, 2006
Traverse line spacing: 100 metres
Traverse line direction: E-W (90°)
Nominal EM bird height: 30 metres
Aircraft: Aerospatiale A-Star 350B2 (C-GPTY)

INSTRUMENTATION:
Data acquisition: ADAS & RMS DGR-33
Magnetometer: Geometrics G-823A cesium vapour
Installation: Towed bird 17 m above EM bird
Sensitivity: .001 nanoTesla
Electromagnetics: AeroTEM II System (ECHO)
Configuration: Towed bird

NAVIGATION:
Navigation: Differential Global Positioning System (DGPS)
Navigation equipment: AGNAV with MID-TECH RX400p receiver
Radar Altimeter: Terra TRA3000/TRI-30

DATA PROCESSING
Magnetics: diurnal, tieline and micro-leveling corrections

POSITIONING
Datum: NAD83
Major Axis: 6378137.000
Eccentricity: 0.081819191

MAP PROJECTION
Projection: Universal Transverse Mercator
Central Meridian: 129°W (Zone 9)
Central Scale Factor: 0.9996
False Easting/Northing: 500,000m/0m

scale 1:10,000

200 0 200 400 600
metres
NAD83 / UTM zone 9N

Kenrich-Eskay Mining Corp.
Eskay Creek Area, British Columbia

AEROTEM OFF-TIME PROFILES

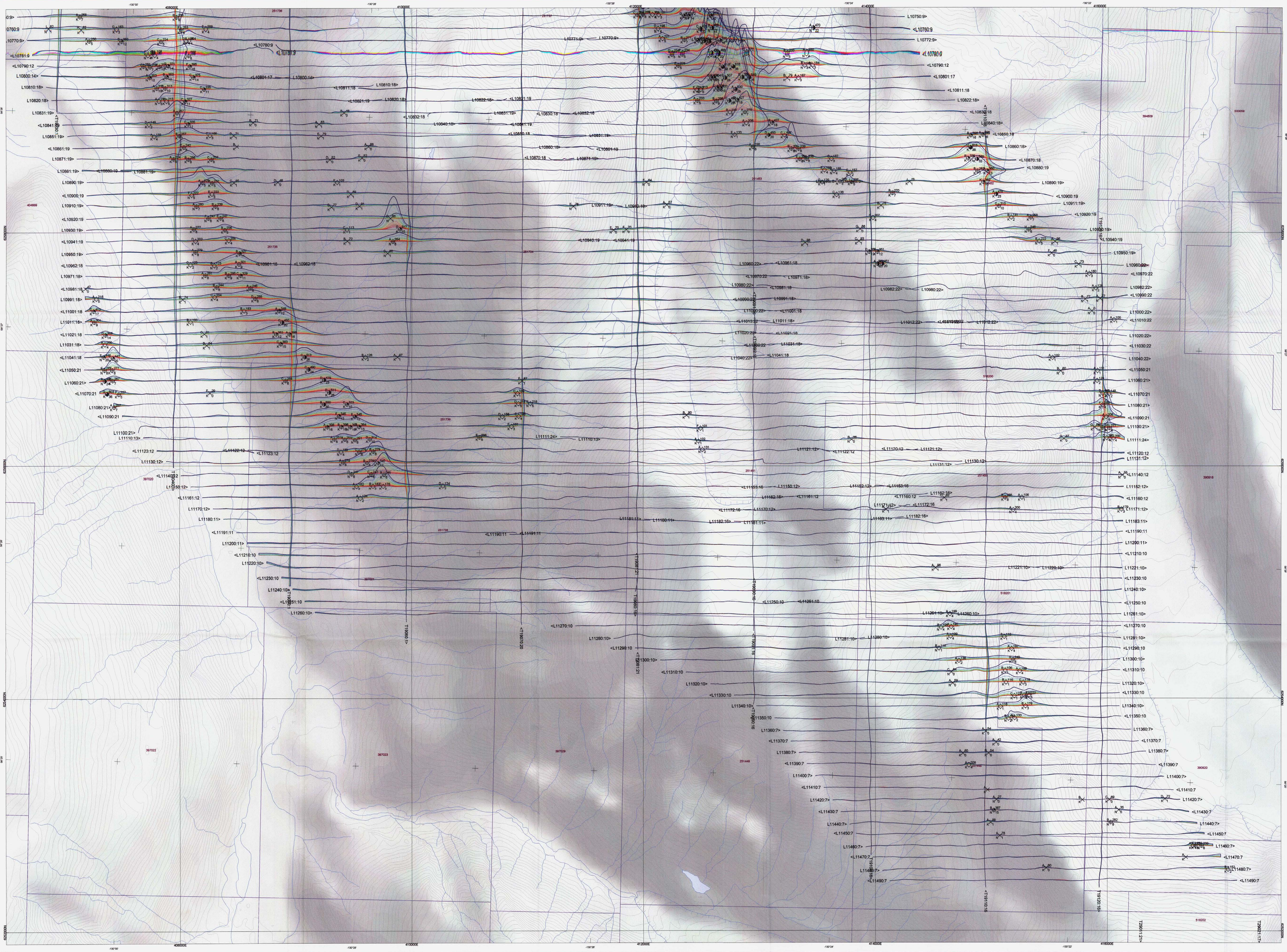
Corey Block, Plate 1

NTS 104B10,9, 7,8

AEROQUEST LIMITED
4-845 Main St. East
Milton, Ont., CANADA L9T 3Z3
Tel: (905) 693-9129 Fax: (905) 693-9128
www.aeroquestsurveys.com

May 2006

EM Plate 1

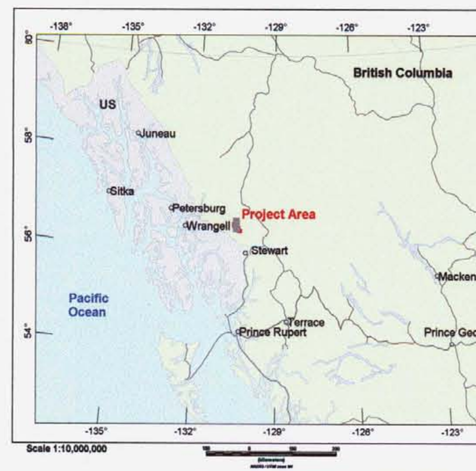


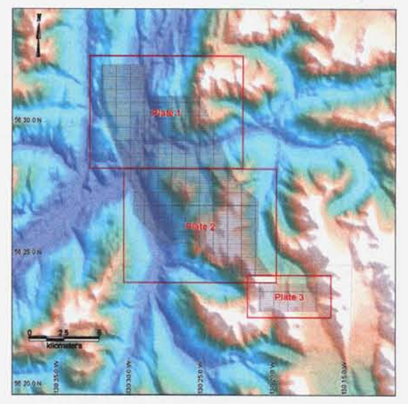
Grid North
NAD83-Zone9

The topographic data base was provided by client

Inset data derived from Natural Resources Canada 'Atlas of Canada Base Maps'

This map accompanies the technical report entitled 'Report on a Helicopter-Borne Magnetic and Electromagnetic Survey, Corey Project', by Aeroquest Limited, May 2006





AeroTEM Profiles

positive excursion to top and right, 1mm=50nT/s

Z1 Off-Time Channel
Z2 Off-Time Channel
Z3 Off-Time Channel
Z4 Off-Time Channel
Z5 Off-Time Channel
Z6 Off-Time Channel
Z7 Off-Time Channel
Z8 Off-Time Channel
Z9 Off-Time Channel
Z10 Off-Time Channel
Z11 Off-Time Channel

Off-Time Anomaly Symbols

>50S ....
35-50S ....
20-35S ....
10-20S ....
5-10S ....
1-5S ....
<1S ....

anomaly label A 125 decay constant (µs)
thicK/thiN source K 36 off-time conductance (S)

SURVEY SPECIFICATIONS:
Survey flown: 6-21 April, 2006
Traverse line spacing: 100 metres
Traverse line direction: E-W (90°)
Nominal EM bird height: 30 metres
Aircraft: Aerospatiale A-Star 350B2 (C-GPTY)

INSTRUMENTATION:
Data acquisition: ADAS & RMS DGR-33
Magnetometer: Geometrics G-823A cesium vapour
Installation: Towed bird 17 m above EM bird
Sensitivity: .001 nanoTesla
Electromagnetics: AeroTEM II System (ECHO)
Configuration: Towed bird

NAVIGATION:
Navigation: Differential Global Positioning System (DGPS)
Navigation equipment: AGNAV with MID-TECH RX400p receiver
Radar Altimeter: Terra TRA3000/TRI-30

DATA PROCESSING
Magnetics: diurnal, tieline and micro-leveling corrections

POSITIONING
Datum: NAD83
Major Axis: 6378137.000
Eccentricity: 0.081819191

MAP PROJECTION
Projection: Universal Transverse Mercator
Central Meridian: 129°W (Zone 9)
Central Scale Factor: 0.9996
False Easting/Northing: 500,000m/0m

scale 1:10,000

200 0 200 400 600
metres
NAD83 / UTM zone 9N

Kenrich-Eskay Mining Corp.
Eskay Creek Area, British Columbia

AEROTEM OFF-TIME PROFILES

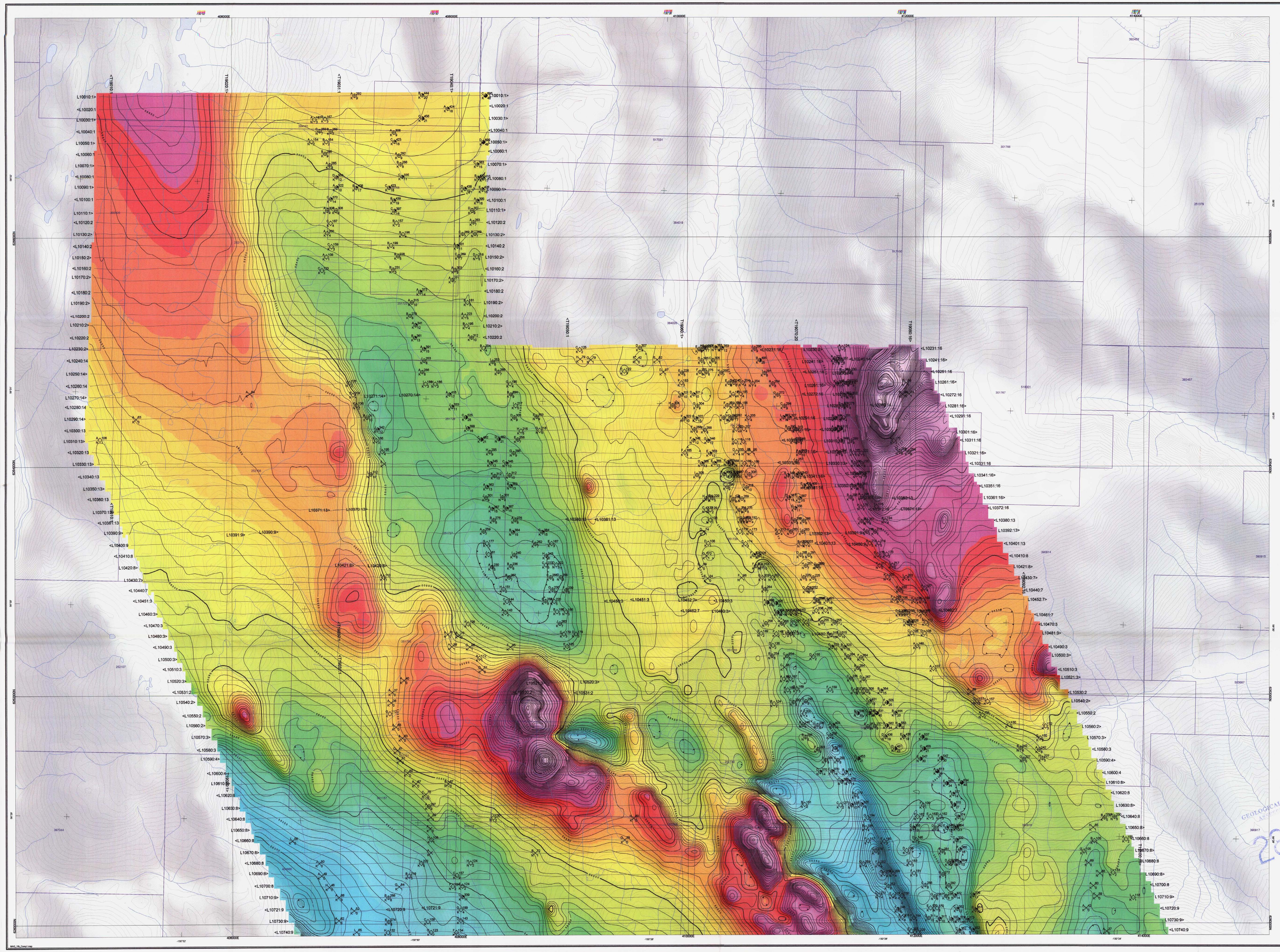
Corey Block, Plate 2

NTS 104B07,8

AEROQUEST LIMITED
4-845 Main St. East
Milton, Ont., CANADA L9T 3Z3
Tel: (905) 693-9129 Fax: (905) 693-9128
www.aeroquestsurveys.com

May 2006

EM Plate 2



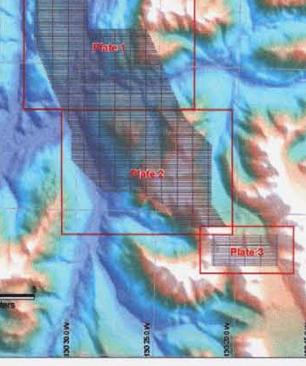
Grid North
NAD83-Zone9

The topographic data base was provided by client

Inset data derived from Natural Resources Canada 'Atlas of Canada Base Maps'

This map accompanies the technical report entitled 'Report on a Helicopter-Borne Magnetic and Electromagnetic Survey, Corey Project', by Aeroquest Limited, May 2006

Scale 1:10,000,000



nT

TMI Contour Interval

10, 50nT
100nT
500nT

Off-Time Anomaly Symbols

>50S
35-50S
20-35S
10-20S
5-10S
1-5S
<1S

anomaly label A, 125 decay constant (µs)
thicK/thiN source K, 36 off-time conductance (S)

SURVEY SPECIFICATIONS:
Survey flown: 6-21 April, 2006
Traverse line spacing: 100 metres
Traverse line direction: E-W (90°)
Nominal EM bird height: 30 metres
Aircraft: Aerospatiale A-Star 350B2 (C-GPTY)
INSTRUMENTATION:
Data acquisition: ADAS & RMS DGR-33
Magnetometer: Geometrics G-823A cesium vapour
Installation: Towed bird 17 m above EM bird
Sensitivity: .001 nanoTesla
Electromagnetics: AeroTEM II System (ECHO)
Configuration: Towed bird
NAVIGATION:
Navigation: Differential Global Positioning System (DGPS)
Navigation equipment: AGNAV with MID-TECH RX400p receiver
Radar Altimeter: Terra TRA3000/TRI-30
DATA PROCESSING
Magnetics: diurnal, tieline and micro-leveling corrections
POSITIONING
Datum: NAD83
Major Axis: 6378137.000
Eccentricity: 0.081819191
MAP PROJECTION
Projection: Universal Transverse Mercator
Central Meridian: 129°W (Zone 9)
Central Scale Factor: 0.9996
False Easting/Northing: 500,000m/0m

scale 1:10,000

200 0 200 400 600
metres
NAD83 / UTM zone 9N

Kenrich-Eskay Mining Corp.
Eskay Creek Area, British Columbia

TOTAL MAGNETIC INTENSITY

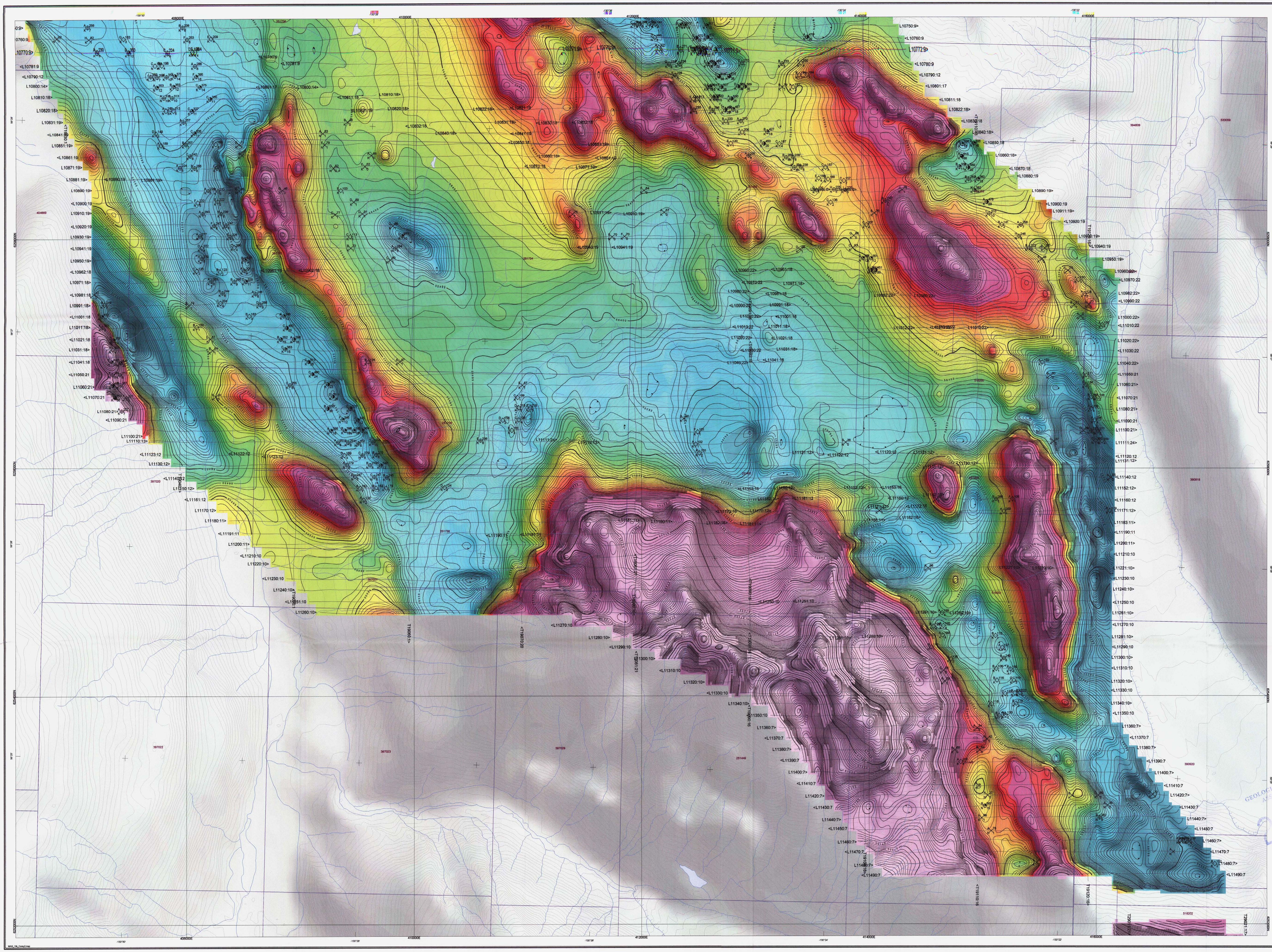
Corey Block, Plate 1

NTS 104B10,9, 7,8

AEROQUEST LIMITED
4-845 Main St. East
Milton, Ont., CANADA L9T 3Z3
Tel: (905) 693-9129 Fax: (905) 693-9128
www.aeroquestsurveys.com

May 2006

MAG Plate 1



anomaly label A 125 decay constant (µs)
thicK/thiN source K 36 off-time conductance (S)

SURVEY SPECIFICATIONS:
Survey flown: 6-21 April, 2006
Traverse line spacing: 100 metres
Traverse line direction: E-W (90°)
Nominal EM bird height: 30 metres
Aircraft: Aerospatiale A-Star 350B2 (C-GPTY)

INSTRUMENTATION:
Data acquisition: ADAS & RMS DGR-33
Magnetometer: Geometrics G-823A cesium vapour
Installation: Towed bird 17 m above EM bird
Sensitivity: .001 nanoTesla
Electromagnetics: AeroTEM II System (ECHO)
Configuration: Towed bird

NAVIGATION:
Navigation: Differential Global Positioning System (DGPS)
Navigation equipment: AGNAV with MID-TECH RX400p receiver
Radar Altimeter: Terra TRA3000/TRI-30

DATA PROCESSING
Magnetics: diurnal, tieline and micro-leveling corrections

POSITIONING
Datum: NAD83
Major Axis: 6378137.000
Eccentricity: 0.081819191

MAP PROJECTION
Projection: Universal Transverse Mercator
Central Meridian: 129°W (Zone 9)
Central Scale Factor: 0.9996
False Easting/Northing: 500,000m/0m

scale 1:10,000
metres
NAD83 / UTM zone 9N

Kenrich-Eskay Mining Corp.
Eskay Creek Area, British Columbia

TOTAL MAGNETIC INTENSITY

Corey Block, Plate 2

NTS 104B07,8

AEROQUEST LIMITED
4-845 Main St. East
Milton, Ont., CANADA L9T 3Z3
Tel: (905) 693-9129 Fax: (905) 693-9128
www.aeroquestsurveys.com

May 2006

MAG Plate 2