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ASSESSMENT REPORT
Airborne Geophysics
on the
Mila Mineral Claims
(505096 and 530340)

Kamloops Mining Division, British Columbia, Canada

NTS 82M/12

Latitude: 51°36'N

Longitude: 119°38'W

Owner: Christopher O. Naas

Operator: Christopher O. Naas

by

Christopher O. Naas, *P. Geo.*

January 31, 2007

GEOLOGICAL SURVEY BRANCH
Geological Survey of Canada
1201

SUMMARY

The eastern portion of the Mila property covers an area that in 1991 returned a 11.28 metre intersection of 0.34% Cu from a east-west trending mineralized horizon. The style of mineralization was interpreted to be a VMS type deposit.

The current program consisted of undertaking an airborne geophysical survey over this mineralized zone. The purpose of the survey was to gain a geophysical signature which could be applied to 1989 Goldbank airborne survey.

Future work is recommended to consist of interpretation of the dataset and applying this to both the past geological dataset as well as the 1989 airborne survey. which covers the entire Mila property.

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1.0 INTRODUCTION

This report details the results of an helicopter-borne geophysical survey conducted on mineral claims with tenure numbers 505096 and 530340 of the Mila property on May 9, 2006.

1.1 LOCATION AND ACCESS

The Mila property is located on NTS mapsheet 82M/12 and geographically centred at 51°36'N and 119°38'W.

Road access is gained to claims via the Yellowhead Highway (Highway 5) to the village of Vavenby. The claims are located on the south side of the North Thompson River. The Adams Lake Forest Service road passes through the claims (Figure 1 and 2).

The Canadian National Railway mainline also passes through this area.

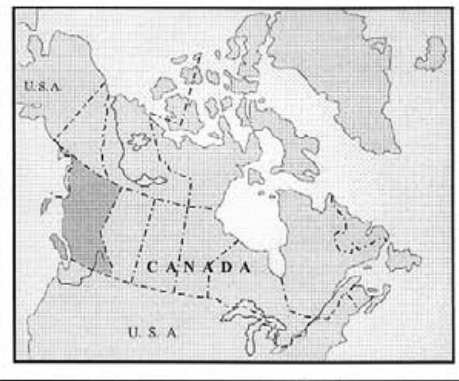
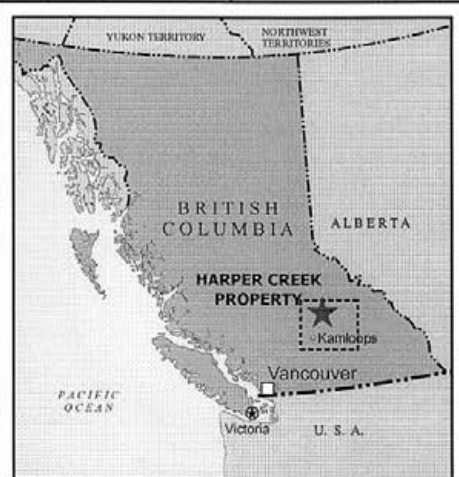
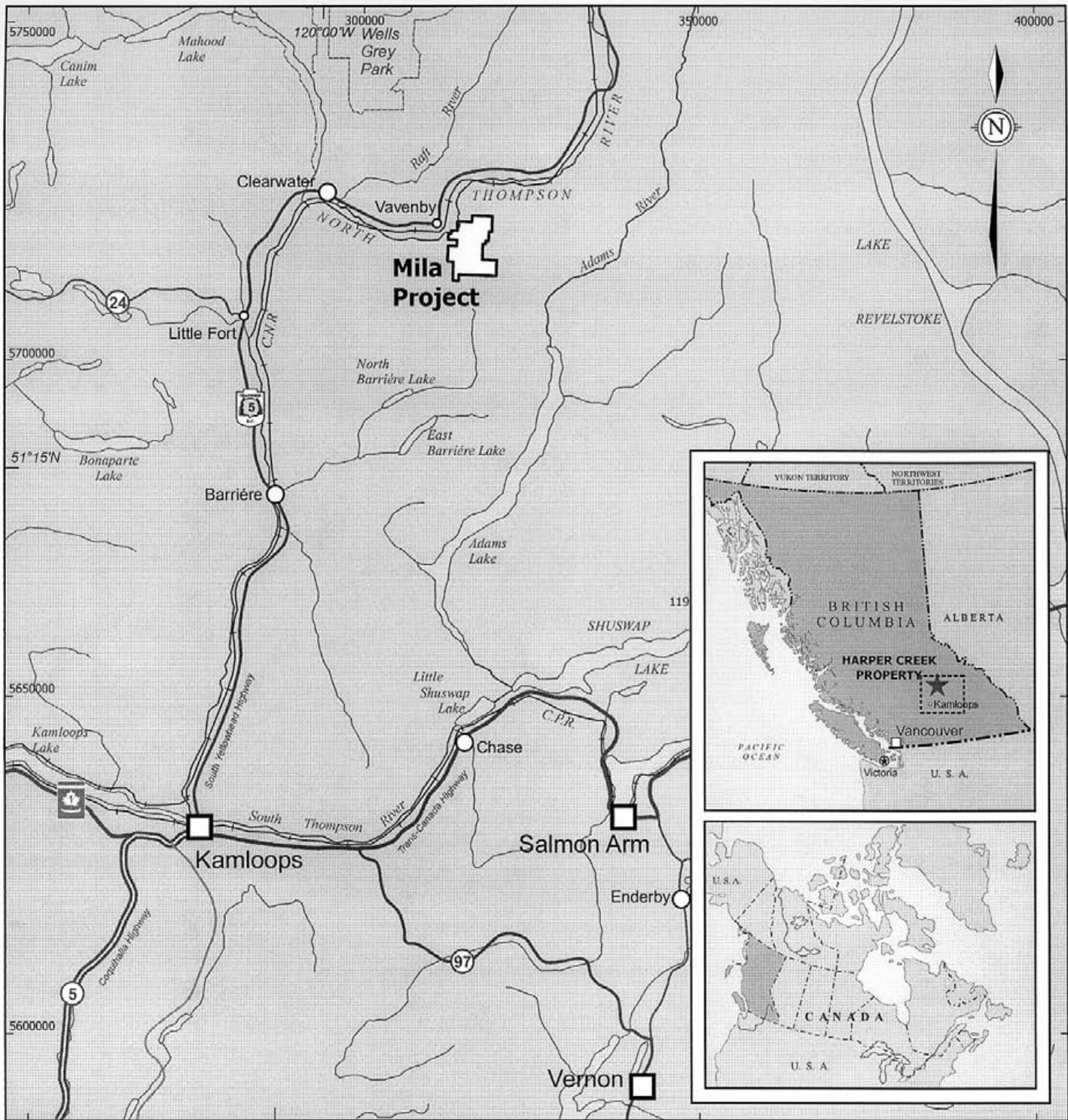
Topography is moderate to steep with elevations ranging from 1,300 metres to 1,800 metres. The area is the site of active logging and consists of a thick coniferous forest cover with heavy underbrush to wide open clear cuts. At higher elevations, small marshy alpine meadows occur (Belik, 1973).

1.2 TITLE


The Mila claims are owned 100% by Christopher O. Naas (Figure 2). Table 1 lists the claims which make up the Mila property.

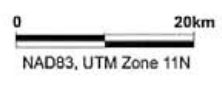
Table 1: Claim Status, *Mila Property*

<u>Tenure Number</u>	<u>Area</u>	<u>Good To Date</u>
505087	1306.65	April 18, 2007
505090	462.18	April 18, 2007
505095	281.46	April 18, 2007
505096	281.46	April 18, 2007
521428	80.39	April 18, 2007
530339	502.28	April 18, 2007
530340	502.20	April 18, 2007



LEGEND

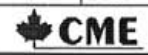
 Mila project claim group

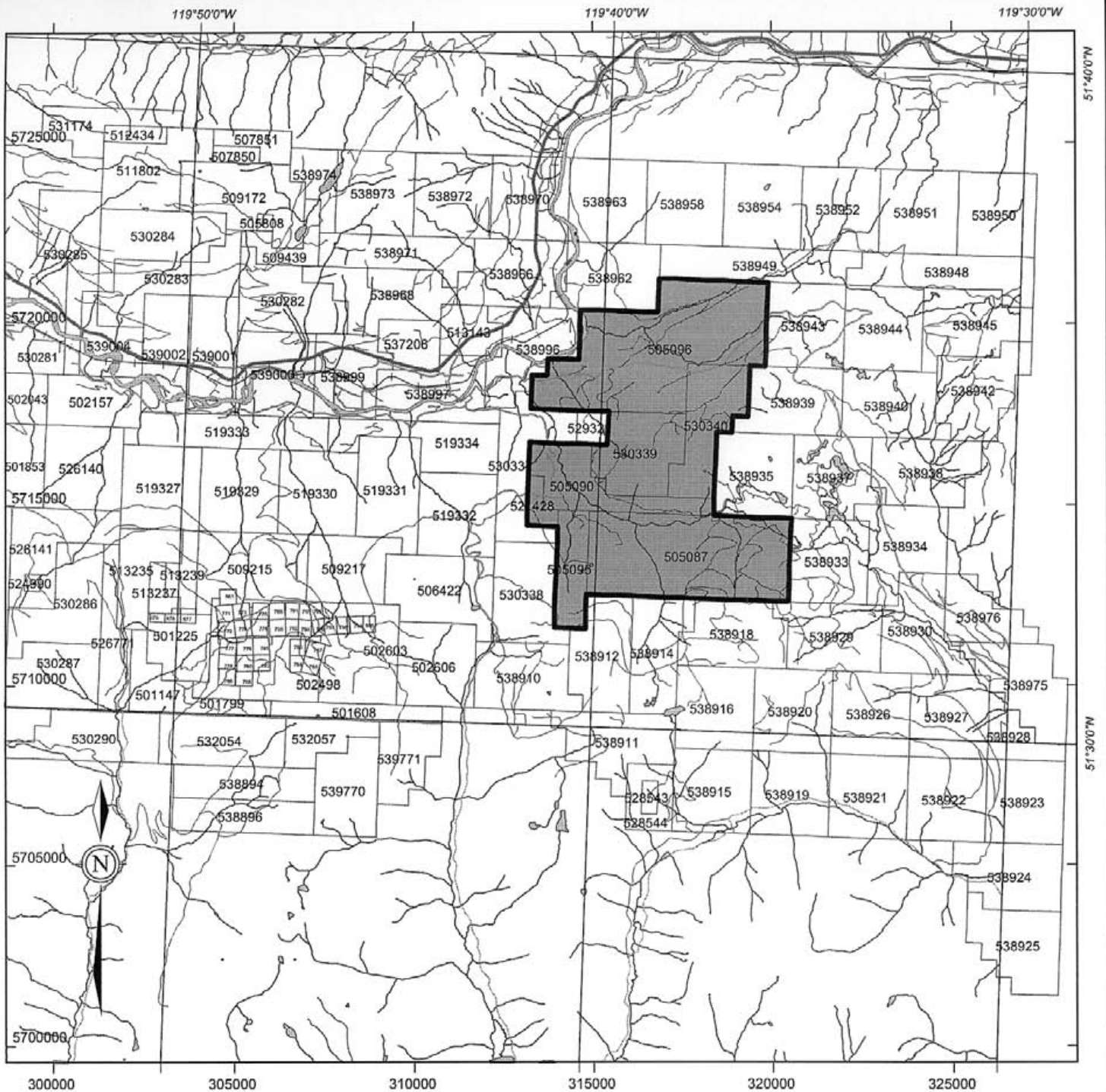


LOCATION MAP

Mila Project
Kamloops M.D., British Columbia, Canada

Project No:	C111	By:	TV
Scale:	1:850,000	Drawn:	TV
Figure:	1	Date:	February 2007





LEGEND

- Mila project tenures
- Other tenure boundaries (as of August 25, 2006)

Topography

- Watercourse
- Railway
- Paved road
- Rough road
- Waterbody



CLAIM LOCATION MAP

Mila Project
Kamloops M.D., British Columbia, Canada

Project No:	C111	By:	TV
Scale:	1:160,000	Drawn:	TV
Figure:	2	Date:	February 2007



2.0 REGIONAL GEOLOGY

The Vavenby area is underlain by Paleozoic Eagle Bay Assemblage and Fennell Formation rocks, located within the Kootenay Terrane. The Eagle Bay Assemblage has been intruded by Devonian(?) and Cretaceous granitic rocks, and is overlain by Miocene basalts (Naas and Neale, 1991) (Figure 3).

3.0 LOCAL GEOLOGY

3.1 LITHOLOGY

Eagle Bay Assemblage

The Eagle Bay Assemblage comprises four northwest-dipping thrust sheets (Schiarizza and Preto, 1987). Schiarizza (1985) divides the Eagle Bay Assemblage in the Vavenby area into eight units. At the base of the formation is a quartz-dominated succession (Unit 1) of unknown age. This is overlain by a succession of felsic to intermediate metavolcanic rocks (Units 2 and 3), and fine to coarse clastic metasedimentary rocks (Units 4 and 5) of Devonian and Mississippian age. Structurally above these rocks is a mafic metavolcanic-limestone division (Unit 6) of Cambrian age, overlain by intermediate metavolcanics (Unit 7). The carbonate member of Unit 6 is referred to as the Tshinakin limestone. The structurally highest division of the Eagle Bay Formation comprises clastic metasedimentary rocks of Unit 8. These rocks are overturned, however, and Unit 8 may be the oldest unit within the Eagle Bay succession.

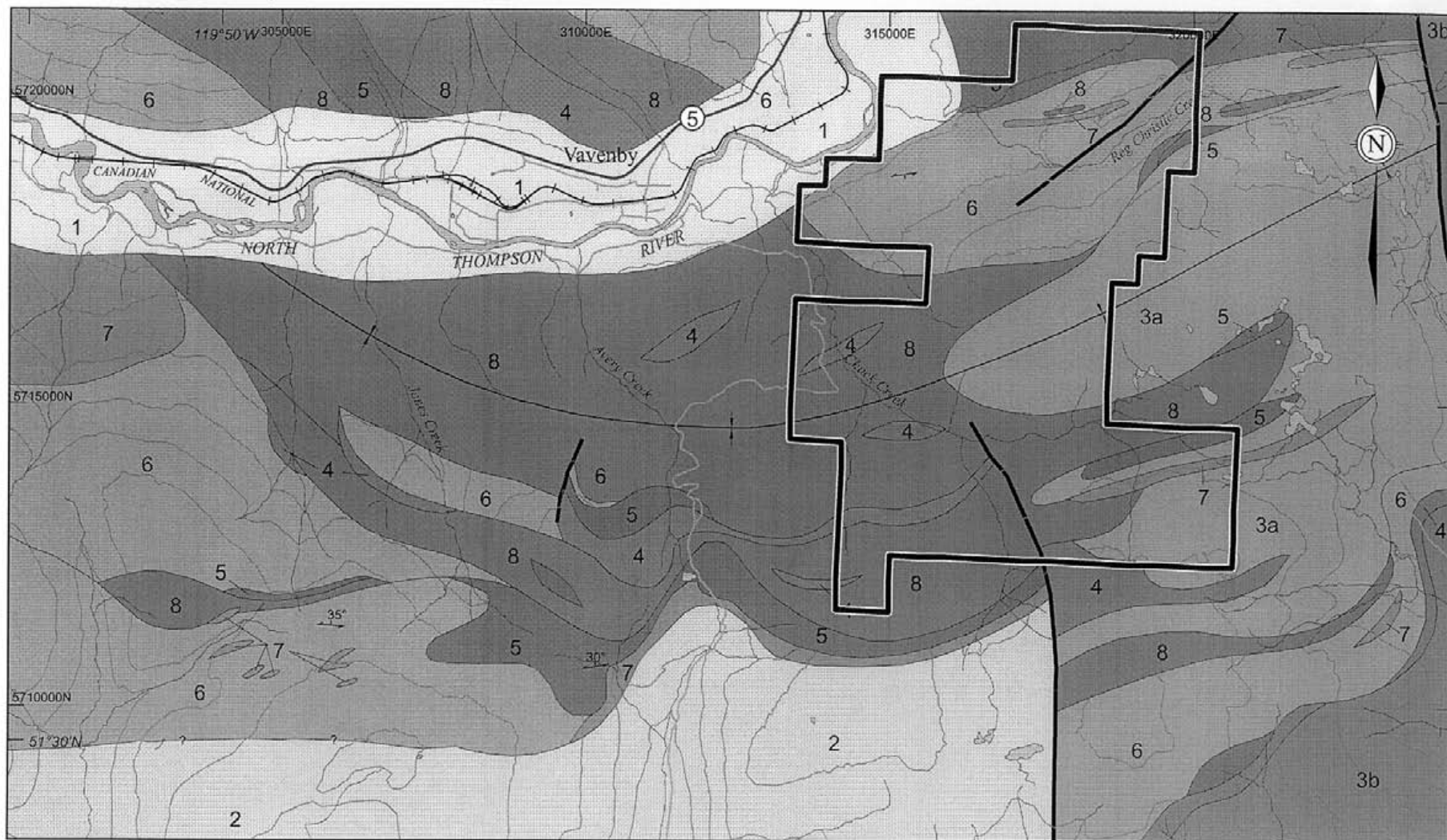
Orthogneiss

The Devonian(?) Orthogneiss consists of quartzo-feldspathic orthogneiss. It is typically a weakly to moderately foliated rock, consisting of lenses and augen of quartzo-feldspathic material enclosed in "seams" of chlorite-sericite schist. Locally it grades to virtually massive granitic rock or conversely to strongly foliated chlorite-sericite schist containing large quartz augen. Biotite is an important component of the gneiss within the thermal aureole of the Baldy batholith.

Fennell Formation

The Upper Permian-Lower Mississippian Fennell Formation in the Adams Plateau-Clearwater area, has been divided into two units by Schiarizza and Preto (1984). The lower unit is a heterogeneous assemblage of bedded chert, gabbro, diabase, and pillow basalt, which also includes units of sandstone and phyllite, Devonian aged quartz-feldspar porphyry rhyolite, and intraformational conglomerate. The upper unit is a succession of pillow and massive basalt with minor amounts of bedded chert, gabbro, basaltic breccia and tuff.

Schiarizza (1985) does not divide the Fennell Formation into two units in the Vavenby area, rather uses one unit containing rocks as previously described by Schiarizza and Preto (1984).



LEGEND
GEOLOGY

- 1 Alluvium
- Baldy Batholith**
- 2 Granodiorite
- Eagle Bay Formation**
- 3a, 3b Sediments, ± felsic volcanics
- 4 Limestone
- 5 Argillite
- 6 Felsic volcanics
- 7 Felsic flows
- 8 Mafic volcanics

SYMBOLS

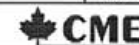
- + Syncline axis
- Fault
- 30° Foliation
- Mineral claim location and tenure number



REGIONAL GEOLOGY MAP
Vavenby Area

Mila Project
Kamloops M.D., BC, Canada

Project No:	C111	By:	TV
Scale:	1:100,000	Drawn:	TV
Figure:	3	Date:	February 2007



Granitic Rocks

Cretaceous granite and granodiorite of the Raft and Baldy batholiths intrude Eagle Bay Formation rocks. In contrast to the abrupt northern contact of the Baldy batholith, a broad zone of intermixed metasedimentary and granitic rocks marks the southern margin of the Raft batholith.

Basalt

The flat-lying, undeformed Miocene basalt flows are the easternmost representatives of an extensive mass of Late Miocene to Pliocene plateau lavas which cover much of the area to the west and northwest of Vavenby (Campbell and Tipper, 1971).

3.2 STRUCTURE

Schiarizza (1985) describes the four types of structures that exist in the Vavenby area:

1. an early metamorphic foliation, axial planar to very rare small isoclinal folds, which is locally observed to be discordant to and/or folded about the dominant second generation schistosity.
2. variably oriented, but most commonly north to east-plunging isoclinal folds; the dominant syn-metamorphic schistosity is axial planar. Throughout most of the area this schistosity is parallel to bedding.
3. northwest-trending folds and crenulation with axial planar crenulation cleavage. Axial surfaces generally dip steeply to the northeast or southwest.
4. east-west trending upright folds, kinks, and crenulations of probable Tertiary age. The folds are often most prominently developed adjacent to northerly trending faults.

4.0 WORK HISTORY

The Mila Mineral Claims are located 7 km east of Vavenby on the south side of Reg Christie Creek. This area was first staked in 1969 by Nicanex Mines as a result of discovery of copper mineralization during a regional prospecting program. Subsequent geological, geochemical and geophysical surveys during 1970 outlines the copper mineralized zone (Nicanex zone).

In 1975, the ground was restaked by Greenwood Exploration. Greenwood conducted surface geological mapping, but allowed the claims to lapse the following year.

Barrier Reef Resources staked the area again in 1977 and carried out geological mapping and geochemical and geophysical surveys during 1978. As a result, a second zone, the AFR (Nicanex Road Showing) was located, which lies parallel to the Nicanex zone. Drilling was

carried out in 1979. Drilling results include 944 ppm Cu over 19.8 metres. Again the claims were allowed to lapse.

Cima Resources restaked the showings and conducted a small prospecting and soil sampling program. A rock sample returned 230 ppm Cu, 360 ppm Pb and 112 ppm Zn.

Newmont Exploration staked around the showings in 1984 and carried out geological mapping, prospecting, and geophysical surveying during 1985. The following year, Newmont drilled anomalous areas as defined by the previous year's work. This led to the definition of the Road showing.

In 1988, Goldbank Ventures Ltd. staked the JAR and MILA claims over the known showings. During 1989, an airborne geophysical survey was carried out over 492 line-kilometres.

In 1990 and 1991, Goldbank conducted a two phase program consisting of 32 km of ground magnetics, 28 km of MaxMin, 16 km of IP, 24 km of soil sampling and 1794 metres of diamond drilling. The most significant drill result was 11.28 metres of 0.34% Cu (Naas and Neale, 1991).

The REG and MILA claims were staked by the author in 2002. The claims were differentially GPS surveyed in 2003.

In 2004, soil samples were collected along two main soil lines, both following the existing road network. Samples were collected at 50 metre intervals along both lines. No significant results were returned from this soil sampling program (Naas, 2004).

In 2005, 122 soils samples were collected, with no significant results (Naas, 2005).

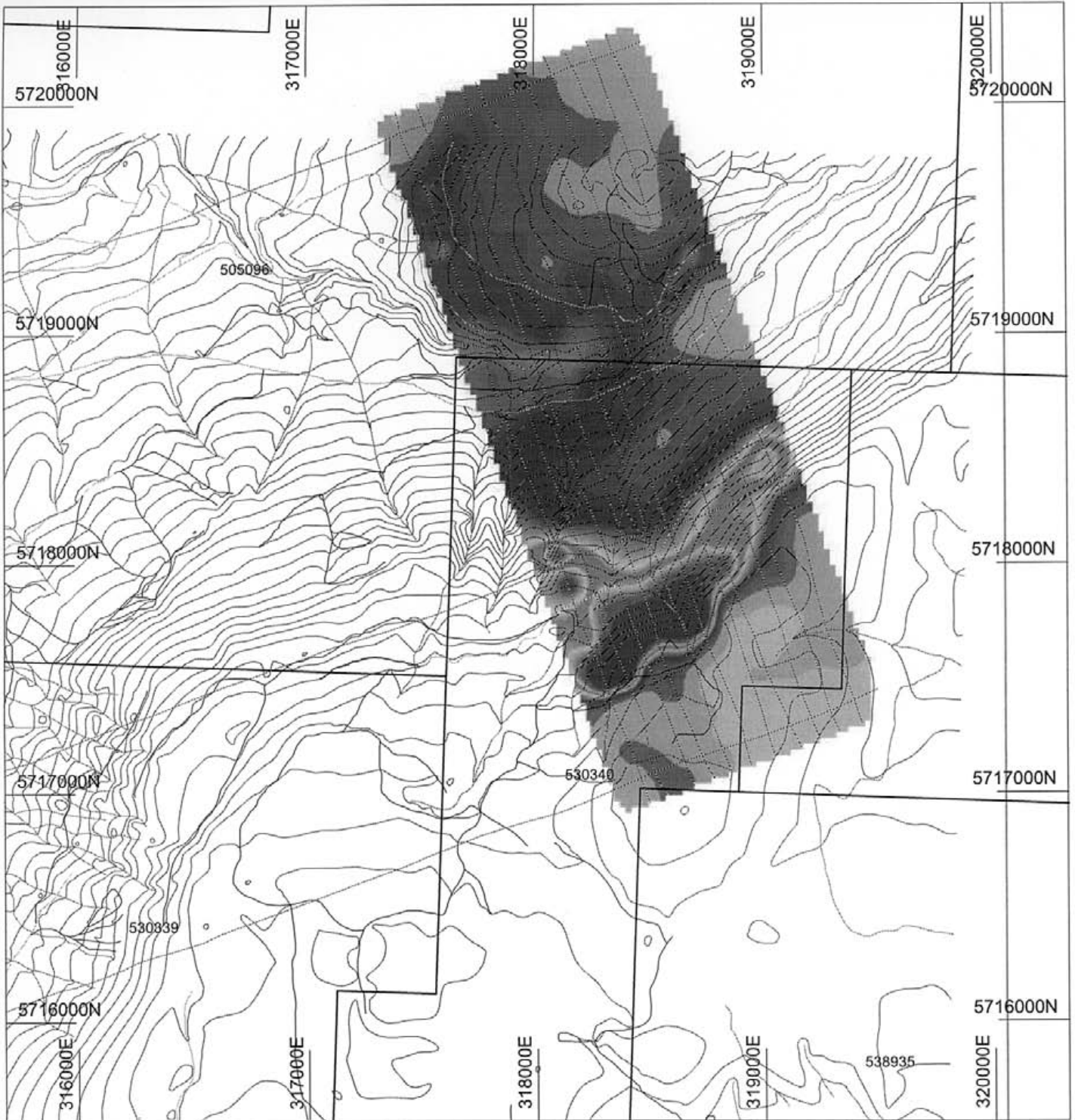
5.0 CURRENT WORK

On May 9, 2006, Aeroquest Limited of Milton, ON conducted a 35.3 line-km helicopter-borne magnetic and electro-magnetic survey over the Nicanex Showing of the Mila property.

The geophysical sensor included Aeroquest's exclusive AeroTEM II time domain helicopter electromagnetic system that is employed in conjunction with a high-sensitivity cesium vapour magnetometer. Ancillary equipment included a real-time differential GPS navigation system, radar altimeter, video recorder and a base station magnetometer.

Line spacing was 100 metres over historical drill holes and 200 metres away from these drill holes.

Contoured results of total field magnetics and EM are presented in Figures 5 and 6 respectively. A copy of Aeroquest's report is presented in Appendix I.



LEGEND

Topography

- Paved Road
- Gravel Road (2WD)
- Rough Road (4WD)
- Watercourse
- Contour (10m interval)

- Mineral tenure
- Flight line



AIRBORNE MAG SURVEY

Mila Property

Mila Project
Kamloops M.D., BC, Canada

Project No:	C111	By:	Acroquest
Scale:	1:25000	Drawn:	TV
Figure No:	4	Date:	February 2007





LEGEND

Topography

- Paved Road
- Gravel Road (2WD)
- Rough Road (4WD)
- Watercourse
- Contour (10m interval)

- Mineral tenure
- Flight line



AIRBORNE EM SURVEY

Mila Property

Mila Project
Kamloops M.D., BC, Canada

Project No:	C111	By:	AerOquest
Scale:	1:25000	Drawn:	TV
Figure No:	5	Date:	February 2007



The purpose of this survey was to obtain a geophysical signature over the rocks which host significant copper mineralization (11.28 metres of 0.34%). This could then be applied to the 1989 Goldbank airborne geophysical survey which covers the entire Mila property.

An interpretation of the dataset was not undertaken by Aeroquest.

6.0 CONCLUSIONS

The Mila Mineral Claim covers historical showings that have returned impressive drilling results from east-west trending mineralized stratigraphic horizons from the eastern portion of the property.

The helicopter-borne geophysical survey produced high quality data that must be interpreted with strong geological input. It is recommended to synthesis geological and geochemical data from past regional geological mapping, prospecting and diamond drilling programs.

The results of this interpretation should be applied to the 1989 Goldbank airborne geophysical survey, which covers the entire Mila property.

7.0 REFERENCES

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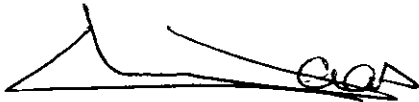
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1984. Geology of the Adams Plateau-Clearwater Area, British Columbia Ministry of Energy Mines and Petroleum Resources Prelim. Map 56.

8.0 STATEMENT OF QUALIFICATIONS

I, Christopher O. Naas, *P.Geo.*, do hereby certify that:

1. I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (Registration Number 20082);
2. I am a graduate in geology of Dalhousie University (*B.Sc.*, 1984); and have practiced in my profession continuously since 1987;
3. Since 1987, I have been involved in mineral exploration for precious and/or base metals in Canada, United States of America, Chile, Venezuela, Ghana, Mali, Nigeria, and Democratic Republic of the Congo (Zaire); for diamonds in Venezuela; and for rare metals in Nigeria. I have also been involved in the determination of base metal and gold resources for properties in Canada and Ghana, respectively, and the valuation of properties in Canada and Equatorial Guinea.
4. I am presently a Consulting Geologist and have been so since November 1987;
5. The opinions and conclusions contained herein are based on a review of previous records and the results of the exploration program conducted by myself;

Dated at Richmond, BC, Canada, this 31th day of January, 2007.

A handwritten signature in black ink, appearing to read 'C.O. Naas', written over a horizontal line.

Christopher O. Naas

9.0 STATEMENT OF COSTS

Personnel

Chris Naas	0.50 day @ \$412.50	\$ 206.25
Larry Crittenden	1.0 days @ \$250.00	\$ 250.00

Equipment Costs

Truck	1.0 days @ 115.00	\$ 115.00
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Disbursements

Room & Board		\$ 150.00
Fuel		\$ 20.00
Helicopter mobilization/demobilization		\$2,000.00
Helicopter-borne geophysical survey (35.3 km @125/km)		\$4,412.50

TOTAL: \$ 7,153.75

APPENDIX I

Aeroquest Limited's Logistics Report

**Report on a Helicopter-Borne
AeroTEM II Electromagnetic
& Magnetometer Survey**



Aeroquest Job # 05105
Clearwater, BC
082M12/52/62

for

CME Managing Consultants Inc.
2130 – 21331 Gordon Way
Richmond B.C.
Canada V6W-1J9
(604) 248-2993

by

≡ AEROQUEST LIMITED

4-845 Main Street East
Milton, Ontario, L9T 3Z3
Tel: (905) 693-9129 Fax: (905) 693-9128
www.aeroquestsurveys.com
June, 2006

Report on a Helicopter-Borne AeroTEM II Electromagnetic and Magnetic Survey

Aeroquest Job # 05105
Clearwater, BC
082M12/52/62

for

CME Managing Consultants Inc.
2130 – 21331 Gordon Way
Richmond B.C.
Canada V6W-1J9
(604) 248-2993

by

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June, 2006



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1.2. Appendices

Appendix 1: Survey Block Co-ordinates

Appendix 2: Description of Database Fields

Appendix 3: Anomaly listing

Appendix 4: Technical Paper: "AeroTEM Design Considerations"

Appendix 5: Instrumentation Specification Sheet

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

Map 1: Coloured total magnetic field with contours, flight path and EM anomaly picks

Map 2: Plan profiles of Z-component (5-15) EM channels and EM anomaly picks

Map 3: Coloured early time Z-component channel 5 and EM anomaly picks

* Three plates per Map

2. INTRODUCTION

This report describes a helicopter-borne geophysical survey carried out on behalf of CME Managing Consultants Inc. on the Harper Creek project in the Clearwater area, 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 kilometres flown are totaled at 1132.8 km. The survey flying described in this report took place May 3rd – 10th, 2006.

3. SURVEY AREA

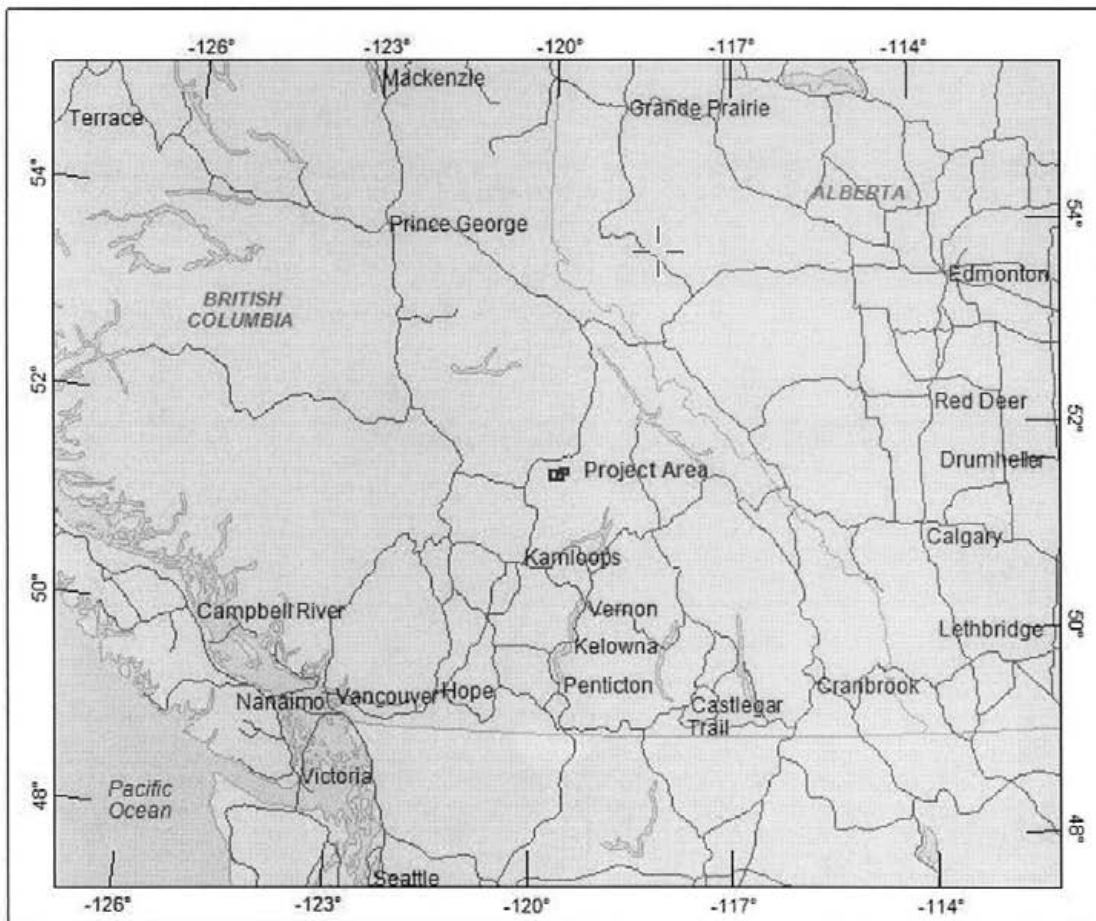


Figure 1. Regional location map of the project area. Survey block location outlined in red.

The survey block was located approximately 40km east-northeast of Clearwater, BC. The area is accessible via several logging roads running through the block.

The field crew was based at the Clearwater Lodge in Clearwater, BC. The helicopter was provided by Hi-wood helicopters, Calgary, Alberta.

The Harper Creek project area (Figure 2) may be located on NTS 1:20,000 map sheet 082M12/52/62. Appendix 1 provides a tabulation of the UTM corner co-ordinates for the survey area.



Figure 2. Harper Creek survey block

4. 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
Nicanex	100	N-S (340°)	35.3	May 9 th , 2006
Harper Creek	100, 200	N-S (340°)	1097.4	May 3 rd – 10 th , 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 control (tie) lines were flown perpendicular to the survey lines with a spacing of 1000m.

The nominal EM bird terrain clearance is 30m, but in areas of rugged terrain and where tall trees are present, the terrain clearance is more typically 40 m to 45 m for safety considerations. The magnetometer sensor is located in a smaller bird connected to the tow rope 17 metres above the EM bird (Figure 7). Nominal survey speed over relatively flat terrain is 75 km/hr but is significantly 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.

4.1. 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.

4.2. 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.

4.3. 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 streaming 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.

5. AIRCRAFT AND EQUIPMENT

5.1. Aircraft



Figure 3. Survey helicopter C-GPTY.

A Eurocopter (Aerospatiale) AS350B2 "A-Star" helicopter - registration C-GPTY was used as survey platform (Figure 3). The helicopter was owned and operated by Hi-Wood helicopters, Calgary, Alberta. The survey aircraft was flown at a nominal terrain clearance of 328 ft (100 m).



Figure 4. The magnetometer bird (A) and AeroTEM II EM bird (B)

5.2. 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. 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 121 metres (397 ft.). The magnetic data is recorded at 10Hz by the RMS DGR-33.

5.3. Electromagnetic System

The electromagnetic system is an Aeroquest AeroTEM II time domain towed-bird system. 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. 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. AeroTEM II Instrument Rack

5.4. AERODAS Acquisition System

The 128 channels of raw streaming data are recorded by the AeroDAS acquisition system 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



5.5. 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

5.6. Magnetometer Base Station

The base magnetometer was a Geometrics 859 magnetometer with a external GPS antenna. Data logging and UTC time synchronisation was carried out within the magnetometer, with the GPS providing the timing signal. That data logging was configured to measure at 1.0 second intervals. 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.

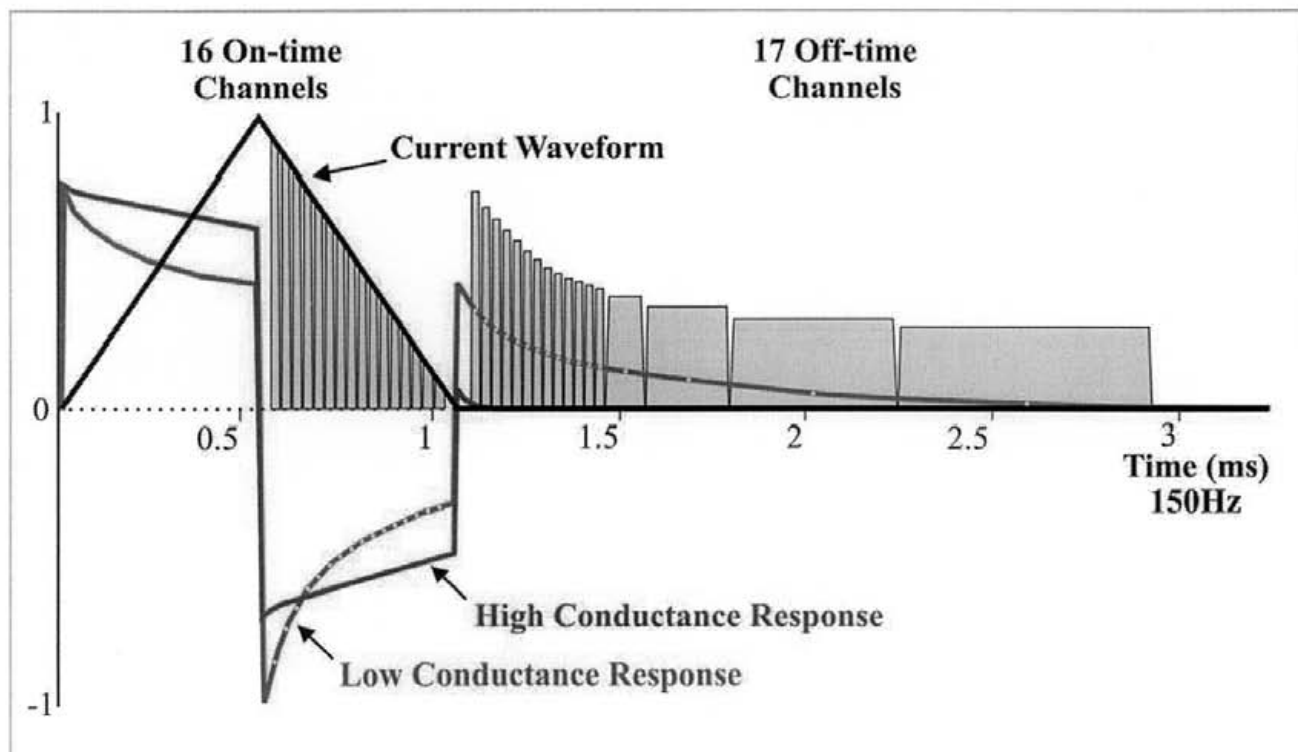


Figure 6. Schematic of Transmitter and Receiver waveforms

5.7. 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.

5.8. Video Tracking and Recording System

A high resolution colour digital video camera 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.

5.9. 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 11N 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.

5.10. 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.

6. PERSONNEL

The following AeroQuest personnel were involved in the project:

- Manager of Operations: Bert Simon
- Field Operators: Raf Starmach
- Manager of Processing: Jonathan Rudd
- Field Data Processors: Sean Scrivens
- Data Interpretation and Reporting: Sean Scrivens

The survey pilot Remi Fashanu was employed directly by the helicopter operator – Hi-Wood Helicopters.

7. DELIVERABLES

The report includes 3 geophysical maps (3 plates each) plotted at a scale of 1:10,000.

- Map 1: Coloured total magnetic field with contours, flight path and EM anomaly picks
- Map 2: Plan profiles of Z-component (5-15) EM channels and EM anomaly picks
- Map 3: Coloured early time Z-component channel 5 and EM anomaly picks

The coordinate/projection system for the maps is NAD83 Universal Transverse Mercator Zone 11N (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 15 nT. Bold contour lines are separated by 100/500 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.

8. 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 42-inch wide Hewlett Packard 4000ps ink-jet plotters.

8.1. 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 11N. 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 11N (Central Meridian 117°W)
- Central Scale Factor: 0.9996
- False Easting, Northing: 500,000m, 0m

The skeletal topography was derived from the Federal Government's 1: 50,000 NTS map series.

8.2. 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 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.

8.3. 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 merged 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.

8.4. 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 product was calculated from the total magnetic intensity (TMI) grid. 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 thought 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:

$$TDR = \arctan\left(\frac{dT}{dz}\right) \quad , \text{ where VDR and THDR are first vertical and total horizontal derivatives, respectively, of the total magnetic intensity } T.$$

$$VDR = \frac{dT}{dz}$$

$$THDR = \sqrt{\left(\frac{dT}{dx}\right)^2 + \left(\frac{dT}{dy}\right)^2}$$

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.

9. General Comments

The survey was successful in mapping the magnetic and conductive properties of the geology throughout the survey area. Known conductive sources in the area are due to regional geological structures.

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 7). 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 8). 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 9). This occurs on the southern margin of the central magnetic high. 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.

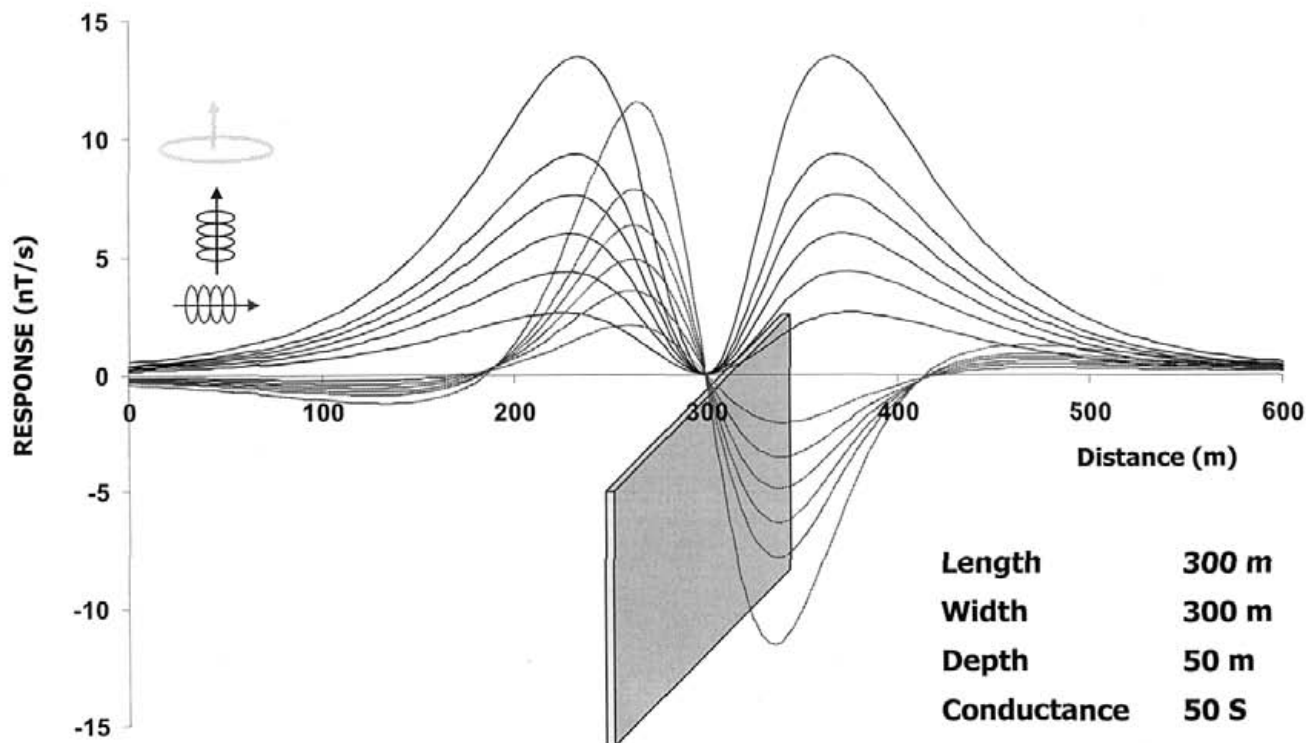


Figure 7. AeroTEM response to a 'thin' vertical conductor.

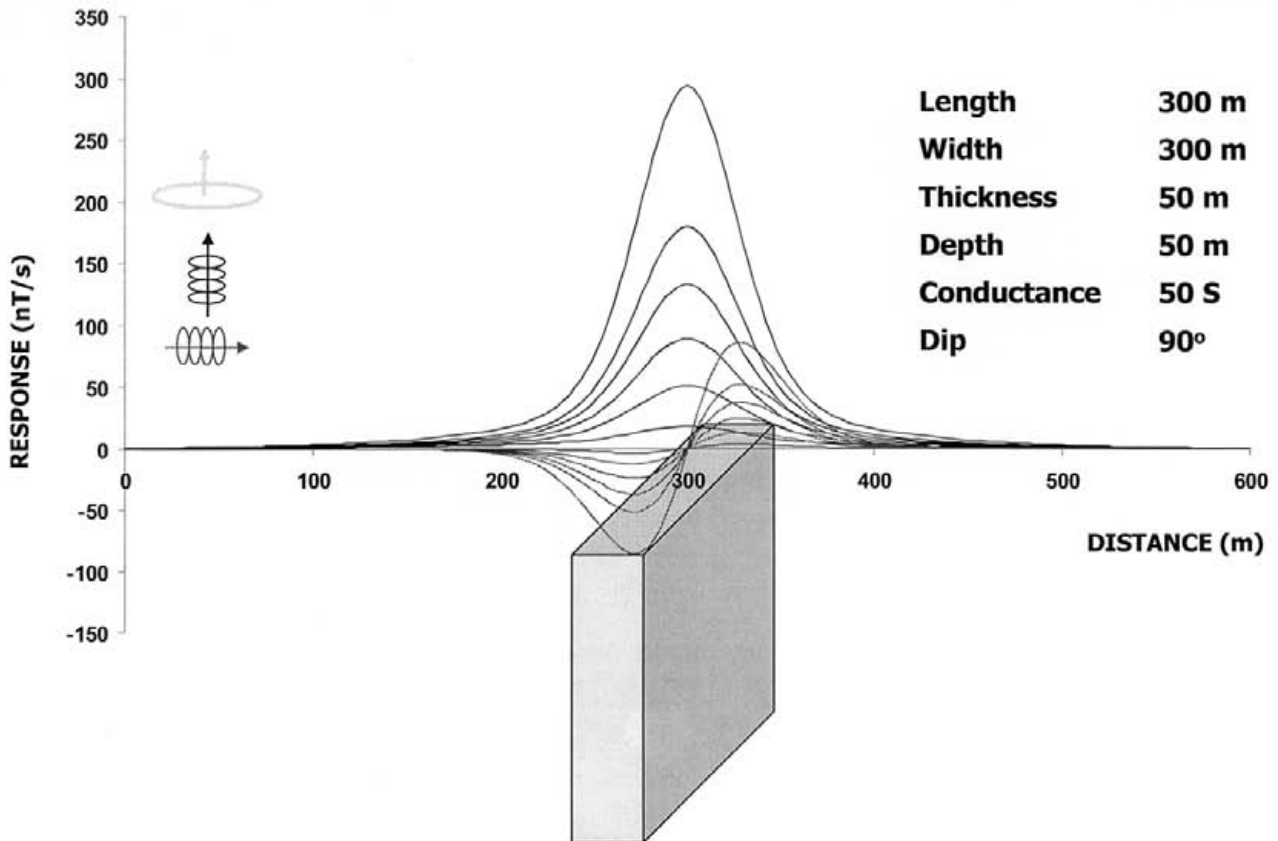


Figure 8. AeroTEM response for a 'thick' vertical conductor.

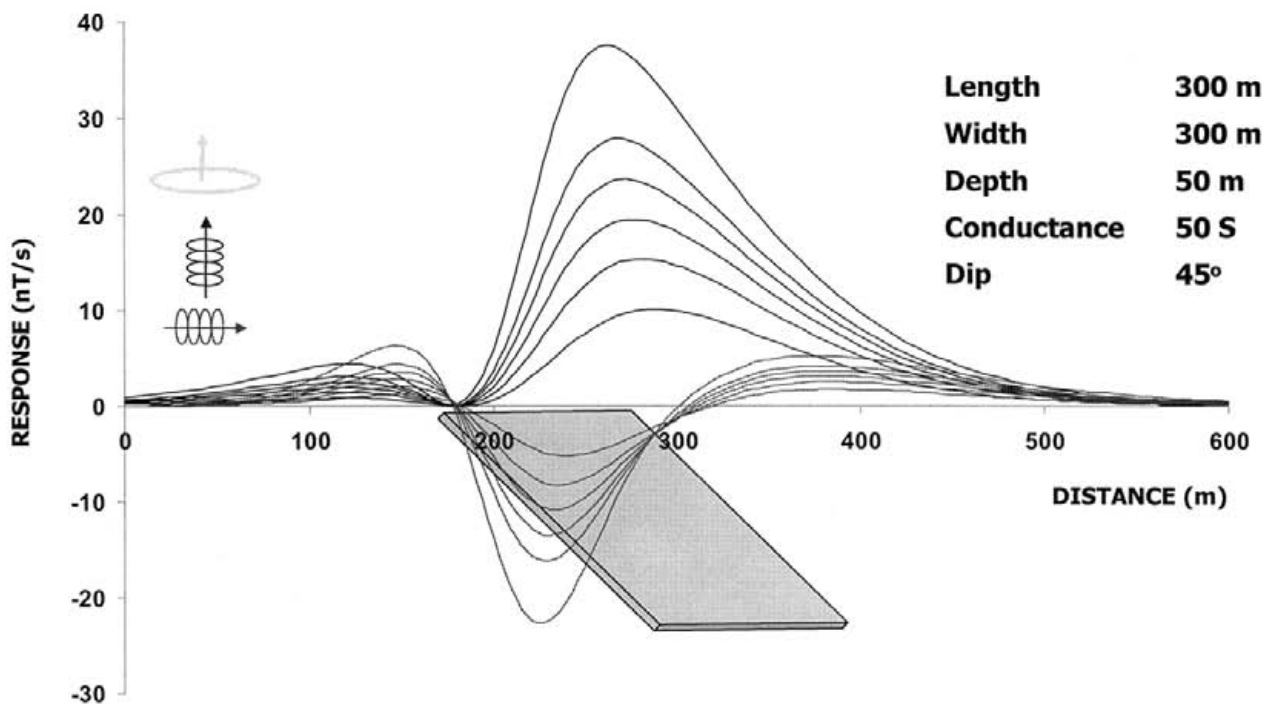


Figure 9. AeroTEM response over a 'thin' dipping conductor.



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.

Respectfully submitted,

Sean Scrives, H.BSc.
Aeroquest Limited
May, 2006



APPENDIX 1 – PROJECT CORNER COORDINATES

The Harper Creek project consists of 2 individual survey blocks with boundaries as defined in the following table. All geophysical data presented in this report have been windowed to this outline. Positions are in UTM Zone 11N – NAD83.

Harper Creek Main (100m)	Nicanex (100m)	200m Lines (200m)
301607.8 5717850.1	317423.8 5719872.4	309831.6 5717540.2
309831.6 5717540.2	318382.4 5720222.5	310528.7 5717515.3
312346.4 5710691.5	319409.2 5717396.3	312423.4 5712330.0
312260.4 5708280.5	318424.2 5717033.0	312346.4 5710691.5
302362.0 5708623.9		
301348.9 5711307.2		

Tie Lines (1000m)	Extensions (200m)
301544.4 5716320.0	310694.5 5717519.1
305483.4 5717710.4	311621.3 5717516.0
310528.7 5717515.3	312641.4 5715018.2
318360.5 5720280.6	312493.8 5712543.5
318416.7 5720130.1	
310053.4 5717034.4	
310624.4 5715467.7	
319038.8 5718414.7	
319429.4 5717334.0	
316127.6 5716079.3	
316445.4 5715190.6	
311985.6 5713519.1	
312416.1 5712313.4	
312336.6 5710369.9	
306813.3 5708465.8	
302362.1 5708619.6	
301348.9 5711307.2	



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 (HarperCreek.gdb):

Column	Units	Description
emfid		AERODAS Fiducial
utctime	hh:mm:ss.ss	UTC time
x	m	UTM Easting (NAD83, Zone 11N)
y	m	UTM Northing (NAD83, Zone 11N)
bheight	m	Terrain clearance of EM bird
dtm	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 of each individual conductor pick
off_con	S	Off-time conductance of each individual conductor pick
grade		Classification from 1-7 based on conductance of conductor pick
off_alltau	s	Off-time decay constant of all data points
off_allcon	S	Off-time conductance of all data points



APPENDIX 3 – Anomaly Listing

Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	A	1	65.64	0.43	302239	5708963	10010	64.21	1366.08	776733
N	B	2	204.57	4.18	301953	5709759	10010	63.28	1300.73	789453
K	C	2	204.57	4.18	301920	5709833	10010	54.52	1299.42	790743
K	D	2	122.62	1.50	301613	5710684	10010	67.41	1429.33	804063
K	A	3	293.33	8.60	302040	5709859	10020	57.10	1323.71	854853
N	A	3	247.75	6.14	302147	5709818	10030	63.89	1320.12	911253
K	B	3	247.75	6.14	302119	5709892	10030	52.52	1329.69	912393
K	C	5	506.01	25.60	302060	5710052	10030	64.04	1307.73	915093
K	A	5	572.81	32.81	301955	5710619	10040	63.02	1339.04	340083
K	B	4	372.88	13.90	302199	5709995	10040	59.40	1336.53	349293
K	B	4	325.06	10.57	302242	5710106	10050	64.67	1343.46	408543
K	C	2	197.28	3.89	301978	5710850	10050	73.84	1336.33	417333
K	A	2	123.80	1.53	302070	5710914	10060	68.80	1354.79	478143
K	B	3	244.94	6.00	302382	5710047	10060	58.83	1356.35	491823
K	A	1	81.12	0.66	302171	5711792	10100	59.86	1441.70	819633
K	A	2	198.64	3.95	303158	5709347	10110	68.90	1723.88	908673
K	B	2	131.36	1.73	302209	5711944	10110	71.48	1463.12	959193
K	C	1	72.77	0.53	302054	5712396	10110	84.96	1473.88	964473
K	A	2	117.54	1.38	302273	5712083	10120	57.30	1509.76	1035453
K	B	1	82.00	0.67	302545	5711376	10120	63.92	1611.94	1047723
K	C	4	366.45	13.43	303258	5709433	10120	71.64	1717.13	1086453
K	A	3	295.62	8.74	303311	5709526	10130	73.10	1698.44	1122783
K	B	2	107.20	1.15	302597	5711498	10130	56.78	1630.78	1160283
K	C	2	140.75	1.98	302339	5712149	10130	84.88	1543.80	1169583
K	A	2	186.88	3.49	302736	5711452	10140	62.23	1688.22	1274223
K	B	1	83.68	0.70	303406	5709576	10140	76.27	1696.41	1310223
K	A	2	165.08	2.73	303465	5709667	10150	87.70	1679.72	1350783
K	B	2	144.44	2.09	303062	5710817	10150	60.50	1693.56	1368393
K	C	3	254.15	6.46	302796	5711518	10150	89.00	1675.28	1379853
K	A	2	202.96	4.12	302941	5711437	10160	77.15	1711.53	1518663
K	B	2	112.51	1.27	303209	5710695	10160	72.56	1602.45	1532403
K	C	2	191.38	3.66	303574	5709708	10160	69.41	1684.40	1547223
K	A	2	207.14	4.29	303653	5709803	10170	74.54	1662.33	1592403
N	B	3	269.74	7.28	303323	5710690	10170	76.98	1593.43	1607823
K	C	3	269.74	7.28	303301	5710742	10170	64.93	1624.55	1609083
K	D	3	311.28	9.69	302988	5711584	10170	67.12	1729.68	1620423
K	A	1	95.53	0.91	301616	5715599	10180	72.54	1004.61	1697913
K	B	1	55.85	0.31	301931	5714759	10180	61.21	1308.88	1709223
K	C	2	110.58	1.22	303182	5711380	10180	67.29	1723.41	1757073
K	D	4	444.23	19.73	303401	5710765	10180	69.50	1607.99	1768203
N	E	4	444.23	19.73	303431	5710668	10180	75.25	1555.34	1769793
K	F	2	198.84	3.95	303720	5709887	10180	74.40	1627.66	1781373
K	A	4	326.42	10.65	303771	5710023	10190	72.12	1593.50	1831233
N	B	5	471.68	22.25	303533	5710697	10190	66.23	1536.32	1841223
K	C	5	471.68	22.25	303520	5710750	10190	63.96	1574.50	1842633
K	D	6	629.96	39.69	303482	5710855	10190	75.41	1628.82	1845843
K	E	2	167.31	2.80	302391	5713839	10190	55.55	1614.85	1887273
K	F	5	451.01	20.34	302326	5714039	10190	77.59	1540.33	1890573



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	G	6	693.78	48.13	302014	5714844	10190	71.33	1286.56	1902153
K	H	5	515.46	26.57	301770	5715527	10190	72.24	1038.09	1911543
N	A	3	313.65	9.84	301839	5715620	10200	71.90	1011.30	1946313
K	B	3	313.65	9.84	302094	5714904	10200	70.27	1253.52	1956153
K	C	4	439.76	19.34	302403	5714053	10200	59.12	1539.68	1969323
K	D	5	493.84	24.39	302450	5713956	10200	57.64	1580.49	1970913
K	E	3	308.17	9.50	303571	5710852	10200	74.01	1597.20	2018133
K	F	3	291.19	8.48	303863	5710103	10200	66.49	1594.26	2030313
K	A	2	133.78	1.79	303909	5710212	10210	80.80	1579.30	2113833
K	B	1	82.10	0.67	303680	5710909	10210	56.76	1587.87	2124183
N	C	1	82.10	0.67	303670	5710935	10210	52.59	1606.44	2124783
K	D	4	396.68	15.74	303660	5710962	10210	53.62	1624.83	2125743
N	E	4	396.68	15.74	303572	5711160	10210	66.77	1718.08	2132493
N	F	4	420.86	17.71	302592	5713890	10210	61.37	1577.48	2168793
K	G	4	420.86	17.71	302559	5713978	10210	54.77	1564.35	2169993
N	H	4	318.10	10.12	302520	5714101	10210	81.16	1517.71	2171643
K	I	4	318.10	10.12	302486	5714190	10210	76.92	1478.58	2172903
K	J	3	314.44	9.89	301979	5715534	10210	71.20	1042.72	2191233
K	A	3	267.01	7.13	301925	5715923	10220	59.91	940.75	2237583
K	B	4	351.20	12.33	302088	5715532	10220	69.63	1045.76	2243373
K	C	4	368.67	13.59	302575	5714178	10220	69.73	1481.56	2264403
K	D	5	521.24	27.17	302645	5714011	10220	69.87	1535.34	2267313
N	E	5	521.24	27.17	302684	5713893	10220	59.35	1576.96	2269113
N	F	2	169.17	2.86	303704	5711112	10220	62.59	1669.42	2312253
K	G	2	169.17	2.86	303717	5711073	10220	54.75	1659.21	2313033
N	H	2	154.79	2.40	303752	5710988	10220	75.49	1604.44	2314533
K	I	2	154.79	2.40	303780	5710905	10220	82.55	1553.55	2315973
K	A	5	451.10	20.35	303885	5710895	10230	61.97	1591.58	2396853
N	B	2	209.50	4.39	303777	5711178	10230	67.18	1675.92	2404293
K	C	2	209.50	4.39	303747	5711231	10230	57.31	1698.70	2405673
K	D	2	218.93	4.79	302697	5714167	10230	69.90	1476.31	2447973
N	E	2	218.93	4.79	302670	5714243	10230	68.55	1444.99	2449113
K	F	5	471.10	22.19	302160	5715626	10230	68.08	1023.37	2470533
K	G	4	371.64	13.81	302068	5715881	10230	69.13	954.85	2474373
K	A	4	385.39	14.85	302171	5715884	10240	59.99	953.26	2531223
K	B	4	418.62	17.52	303847	5711275	10240	60.88	1677.95	2597493
K	C	5	523.08	27.36	303920	5711083	10240	70.60	1596.68	2600883
K	D	2	197.23	3.89	303952	5710970	10240	77.06	1587.69	2602713
K	A	4	443.07	19.63	302251	5715964	10250	60.45	938.16	229323
N	B	4	443.07	19.63	303990	5711176	10250	60.04	1609.00	300723
K	A	2	211.54	4.47	304470	5710116	10260	66.22	1736.50	370353
K	B	3	259.83	6.75	304239	5710797	10260	65.05	1649.79	379113
K	C	3	310.52	9.64	304111	5711139	10260	75.34	1585.71	383973
K	D	4	367.32	13.49	304064	5711274	10260	72.33	1616.24	386043
K	E	3	266.15	7.08	302285	5716098	10260	74.64	899.33	453243
K	A	3	284.54	8.10	302400	5716144	10270	64.36	906.65	519483
K	B	6	627.95	39.43	304171	5711296	10270	71.52	1609.08	594123
K	C	4	412.53	17.02	304338	5710799	10270	65.31	1668.54	600993
K	D	2	187.18	3.50	304573	5710175	10270	60.74	1746.66	610173
K	A	3	232.10	5.39	304643	5710258	10280	62.50	1755.97	668373
K	B	4	372.56	13.88	304422	5710887	10280	66.98	1667.23	676383



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	F	2	137.88	1.90	303079	5717190	10370	73.89	608.54	670803
N	G	2	137.88	1.90	303059	5717253	10370	66.18	591.45	671823
N	A	2	104.60	1.09	303151	5717286	10380	58.60	560.58	701193
K	B	2	104.60	1.09	303165	5717240	10380	43.60	605.52	702393
K	C	1	86.59	0.75	303205	5717120	10380	51.50	657.37	706653
K	D	1	86.44	0.75	304633	5713231	10380	94.14	1311.50	769383
K	E	3	302.15	9.13	305092	5711962	10380	64.46	1585.08	791703
K	F	2	186.26	3.47	305804	5710038	10380	55.89	1840.60	823263
K	A	2	187.44	3.51	305878	5710094	10390	63.72	1842.16	885183
K	B	2	216.64	4.69	305705	5710563	10390	58.55	1817.04	891063
K	C	2	125.34	1.57	305519	5711041	10390	69.49	1732.64	897273
K	D	4	380.87	14.51	305125	5712171	10390	69.26	1546.24	913653
K	E	2	159.11	2.53	304693	5713330	10390	88.85	1278.95	929793
K	F	1	89.10	0.79	303261	5717291	10390	81.37	564.98	985803
K	A	1	45.09	0.20	304152	5715123	10400	61.31	1051.24	1051023
K	B	2	115.93	1.34	305262	5712102	10400	60.14	1566.14	1111173
K	C	2	114.22	1.30	305567	5711233	10400	59.49	1713.11	1126503
K	D	3	282.93	8.01	305636	5711058	10400	61.29	1736.98	1129443
K	E	2	210.70	4.44	305716	5710811	10400	57.88	1780.45	1133853
K	F	2	198.80	3.95	305798	5710595	10400	58.12	1812.22	1137993
K	G	5	510.81	26.09	305976	5710145	10400	57.95	1843.45	1146183
K	H	2	156.15	2.44	306002	5710050	10400	51.83	1838.98	1147863
N	I	2	156.15	2.44	306024	5709953	10400	50.56	1846.18	1149663
K	A	3	268.44	7.21	306061	5710160	10410	60.53	1839.37	1211463
K	B	4	383.82	14.73	305705	5711158	10410	67.67	1729.06	1224633
N	C	4	383.82	14.73	305676	5711233	10410	65.88	1722.74	1225683
K	D	2	130.10	1.69	305319	5712219	10410	64.53	1532.14	1239183
K	A	1	59.43	0.35	304959	5713469	10420	63.29	1242.69	1413153
K	B	1	86.11	0.74	305417	5712252	10420	64.09	1533.31	1434183
K	C	3	255.08	6.51	305788	5711202	10420	48.79	1735.03	1452573
K	D	2	139.67	1.95	305942	5710782	10420	49.12	1788.76	1460403
K	E	4	319.76	10.23	306173	5710170	10420	50.33	1844.86	1471713
K	F	2	216.43	4.68	306208	5710058	10420	57.60	1848.11	1473663
N	G	2	216.43	4.68	306253	5709935	10420	54.93	1846.67	1475823
K	A	5	494.65	24.47	306303	5710099	10430	57.18	1851.83	1538253
K	B	5	513.74	26.39	306248	5710242	10430	56.83	1840.73	1540023
K	C	4	327.93	10.75	306041	5710790	10430	59.79	1791.14	1546773
K	D	2	186.43	3.48	305867	5711270	10430	58.30	1735.36	1552443
K	E	2	170.12	2.89	305494	5712325	10430	74.60	1519.39	1566003
K	F	1	91.63	0.84	305071	5713469	10430	67.66	1228.21	1582983
K	G	2	141.26	2.00	303851	5716797	10430	69.63	740.36	1633083
K	H	1	76.77	0.59	303739	5717130	10430	60.36	666.50	1637733
K	A	1	74.59	0.56	303969	5716784	10440	62.49	738.66	1682943
K	B	1	75.02	0.56	304912	5714208	10440	57.47	1093.63	1725333
K	C	1	73.22	0.54	305184	5713483	10440	67.22	1196.61	1736703
K	D	2	140.64	1.98	305596	5712359	10440	67.86	1526.78	1757973
K	E	5	453.30	20.55	305866	5711621	10440	59.98	1703.79	1769943
K	F	3	238.23	5.67	306164	5710745	10440	64.76	1795.61	1786233
K	G	7	747.48	55.87	306376	5710231	10440	63.52	1846.39	1796043
K	H	4	412.67	17.03	306426	5710058	10440	62.00	1855.40	1799043
N	I	4	412.67	17.03	306465	5709934	10440	70.20	1854.64	1801143



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	A	5	551.29	30.39	306508	5710116	10450	56.45	1855.71	1862553
K	B	7	944.80	89.26	306432	5710320	10450	59.92	1839.68	1865103
K	C	5	461.08	21.26	306285	5710692	10450	58.04	1806.74	1869753
K	D	2	158.78	2.52	305906	5711746	10450	73.40	1689.32	1882473
K	E	4	406.37	16.51	305822	5711950	10450	70.24	1652.31	1885263
K	F	2	217.63	4.74	305654	5712443	10450	71.60	1516.05	1892433
K	G	2	108.99	1.19	305260	5713549	10450	66.26	1170.43	1909203
K	H	3	226.60	5.13	304997	5714302	10450	72.37	1061.35	1920903
K	I	2	130.61	1.71	304927	5714476	10450	71.38	1041.91	1923303
K	J	2	112.36	1.26	304063	5716835	10450	55.55	720.50	1957413
K	K	2	149.03	2.22	303983	5717057	10450	57.18	675.76	1960443
K	A	4	382.67	14.64	304072	5717096	10460	65.42	681.27	1999203
K	B	3	243.64	5.94	305100	5714301	10460	64.81	1015.43	2048043
K	C	1	78.42	0.61	305361	5713622	10460	84.91	1117.32	2058993
K	D	2	135.89	1.85	306022	5711756	10460	58.94	1687.27	2095413
K	E	3	232.45	5.40	306116	5711460	10460	63.60	1723.13	2101953
K	F	4	387.24	14.99	306407	5710679	10460	56.60	1810.45	2118153
K	G	6	635.27	40.36	306545	5710301	10460	59.10	1840.02	2125623
K	H	5	498.42	24.84	306596	5710155	10460	59.01	1852.18	2128353
N	I	5	498.42	24.84	306642	5710025	10460	66.11	1853.17	2130813
N	A	5	493.27	24.33	306730	5710107	10470	60.07	1850.75	2194953
K	B	5	493.27	24.33	306701	5710190	10470	58.86	1846.73	2196003
K	C	7	909.09	82.64	306641	5710354	10470	64.94	1831.79	2197983
K	D	4	432.88	18.74	306527	5710654	10470	60.40	1806.62	2201493
K	E	4	412.82	17.04	306473	5710807	10470	64.01	1791.90	2203263
K	F	2	208.76	4.36	305610	5713166	10470	72.35	1313.47	2234343
K	G	2	159.45	2.54	305414	5713681	10470	82.26	1111.93	2241573
K	H	3	265.63	7.06	305189	5714349	10470	78.24	963.11	2252373
K	I	3	226.13	5.11	305060	5714664	10470	74.07	960.68	2257683
K	J	3	275.41	7.59	304121	5717257	10470	62.06	636.86	2298183
K	A	4	430.41	18.52	304197	5717306	10480	60.10	610.56	2333553
K	B	1	68.22	0.47	304964	5715245	10480	58.70	855.59	2369793
K	C	4	329.91	10.88	305223	5714492	10480	72.59	942.81	2382513
K	D	2	183.03	3.35	305637	5713389	10480	55.09	1270.59	2402883
K	E	7	877.43	76.99	306746	5710357	10480	56.43	1831.91	2462493
K	F	4	383.90	14.74	306807	5710196	10480	58.47	1845.89	2465703
K	G	2	204.33	4.17	306842	5710090	10480	62.04	1850.99	2467773
N	H	2	204.33	4.17	306875	5710006	10480	62.21	1856.82	2469363
N	A	4	319.54	10.21	306966	5710022	10490	59.98	1858.30	2536653
K	B	4	319.54	10.21	306917	5710152	10490	64.34	1846.95	2538303
K	C	5	501.60	25.16	306869	5710281	10490	64.53	1838.62	2539923
K	D	7	809.21	65.48	305352	5714446	10490	66.70	1015.12	2600583
K	E	2	217.63	4.74	305226	5714819	10490	63.46	880.36	2607903
K	F	1	79.72	0.64	305000	5715481	10490	58.04	811.24	2620743
K	G	2	195.22	3.81	304298	5717339	10490	69.47	574.39	2653893
K	A	3	230.43	5.31	304360	5717483	10500	49.03	505.90	211983
K	B	3	281.22	7.91	304438	5717283	10500	68.66	568.73	217833
K	C	4	351.39	12.35	305072	5715487	10500	66.75	799.28	242583
K	D	3	257.70	6.64	305172	5715231	10500	69.98	808.60	246393
K	E	6	664.95	44.22	305429	5714563	10500	57.81	990.64	256833
K	F	6	599.57	35.95	305498	5714328	10500	65.09	1067.65	260433



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	G	5	531.85	28.29	305568	5714159	10500	54.86	1140.32	263103
K	H	4	364.64	13.30	305665	5713927	10500	50.02	1209.26	266613
K	I	6	673.50	45.36	305769	5713612	10500	64.46	1271.17	270393
K	J	7	1057.53	111.84	306913	5710485	10500	58.92	1809.34	308313
K	K	7	752.56	56.63	306987	5710292	10500	61.27	1835.56	310533
K	L	5	548.10	30.04	307039	5710154	10500	68.02	1843.71	312003
N	M	5	548.10	30.04	307103	5709972	10500	60.75	1856.53	313863
K	A	3	230.05	5.29	307192	5709992	10510	59.22	1855.30	377373
K	B	6	648.51	42.06	307135	5710172	10510	60.84	1838.57	381033
K	D	4	365.41	13.35	305499	5714634	10510	67.48	983.47	470013
K	E	5	494.37	24.44	305313	5715138	10510	62.04	861.83	479613
K	F	2	205.59	4.23	305175	5715510	10510	59.92	765.87	487833
K	G	4	387.73	15.03	304427	5717584	10510	56.99	441.05	538533
K	A	4	393.48	15.48	304532	5717488	10520	64.25	492.88	558933
K	B	6	685.51	46.99	305417	5715146	10520	73.87	868.91	594273
K	C	5	493.80	24.38	305581	5714653	10520	66.06	989.38	601803
K	D	6	694.81	48.28	307124	5710511	10520	63.73	1798.39	657333
K	E	5	525.90	27.66	307274	5710108	10520	59.27	1855.63	662943
K	F	5	450.47	20.29	307357	5709854	10520	71.26	1836.22	666393
N	G	5	450.47	20.29	307388	5709743	10520	75.81	1832.83	667803
N	A	4	434.12	18.85	307481	5709774	10530	65.48	1830.80	733893
K	B	4	434.12	18.85	307438	5709897	10530	64.07	1844.67	736233
K	C	6	658.84	43.41	307407	5709989	10530	63.45	1847.38	738483
K	D	6	628.95	39.56	307277	5710328	10530	65.34	1813.91	745623
K	E	7	1056.21	111.56	307184	5710619	10530	58.06	1768.09	751263
K	F	5	578.24	33.44	305961	5713981	10530	65.18	1234.90	820443
K	G	6	652.03	42.51	305904	5714132	10530	47.56	1189.61	824223
K	H	5	533.81	28.50	305819	5714333	10530	65.35	1119.55	828693
K	I	6	596.34	35.56	305789	5714407	10530	68.20	1093.60	830253
K	J	7	783.43	61.38	305669	5714767	10530	67.17	967.36	836673
K	K	7	845.51	71.49	305472	5715266	10530	52.40	861.76	846153
K	L	5	520.35	27.08	304607	5717642	10530	54.84	444.13	900843
K	A	2	121.65	1.48	304955	5716986	10540	66.74	602.81	924603
K	B	5	584.53	34.17	305586	5715271	10540	60.19	860.93	948483
K	C	7	752.07	56.56	305733	5714880	10540	75.21	945.20	953343
K	D	6	678.44	46.03	305804	5714699	10540	55.39	1005.17	955503
K	E	4	317.48	10.08	306062	5713923	10540	55.87	1246.55	965823
K	F	4	369.09	13.62	307213	5710843	10540	66.48	1730.90	1001913
K	G	5	534.16	28.53	307356	5710404	10540	63.76	1790.76	1007193
K	H	7	842.50	70.98	307512	5709966	10540	60.19	1838.75	1012263
K	A	5	564.08	31.82	307630	5709922	10550	65.64	1835.59	1079013
K	B	7	790.77	62.53	307593	5710022	10550	65.62	1824.73	1081623
K	C	6	637.81	40.68	307533	5710217	10550	54.07	1815.98	1085493
K	D	4	340.46	11.59	307399	5710613	10550	61.63	1739.18	1092573
K	E	5	504.36	25.44	307328	5710816	10550	62.81	1715.77	1096203
K	F	5	525.42	27.61	307278	5710936	10550	62.50	1715.98	1098753
K	G	4	354.93	12.60	306343	5713489	10550	59.71	1296.44	1148193
K	H	2	171.83	2.95	306230	5713789	10550	56.14	1261.92	1154643
K	I	4	426.90	18.22	306160	5714025	10550	50.04	1202.87	1160013
K	J	5	553.85	30.67	305860	5714847	10550	55.63	979.47	1180863
K	K	6	649.85	42.23	305528	5715698	10550	65.86	776.89	1196073



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	L	2	193.56	3.75	305030	5717095	10550	57.78	563.77	1231113
K	M	3	314.09	9.87	304771	5717769	10550	50.02	448.08	1246683
K	A	3	277.13	7.68	305136	5717077	10560	78.51	562.56	1269633
K	B	7	756.29	57.20	305568	5715880	10560	73.81	732.10	1285593
K	C	6	634.54	40.27	305783	5715318	10560	67.09	845.53	1292883
K	D	5	482.94	23.32	305940	5714924	10560	63.61	956.34	1298313
K	E	7	924.88	85.54	307342	5711030	10560	63.90	1698.75	1352043
K	F	4	360.37	12.99	307460	5710686	10560	72.93	1718.79	1356123
K	G	7	792.50	62.81	307574	5710380	10560	63.82	1787.43	1359903
K	H	6	621.96	38.68	307742	5709984	10560	57.96	1830.35	1364673
K	A	7	800.00	64.00	307868	5709858	10570	47.63	1842.76	1429893
K	B	7	841.27	70.77	307816	5710049	10570	57.53	1820.33	1434663
K	C	6	676.19	45.72	307764	5710178	10570	55.74	1802.10	1437693
K	D	6	700.93	49.13	307700	5710351	10570	65.41	1773.43	1441443
K	E	5	494.91	24.49	307543	5710790	10570	56.16	1695.68	1449273
K	F	7	795.48	63.28	307438	5711080	10570	60.02	1674.57	1454793
K	G	5	455.03	20.71	306776	5712899	10570	69.92	1336.51	1495143
K	H	5	476.52	22.71	306576	5713442	10570	58.97	1241.95	1505673
K	I	3	243.23	5.92	306513	5713615	10570	62.89	1257.02	1509093
K	J	4	400.45	16.04	305956	5715107	10570	66.80	910.32	1535673
K	K	4	427.62	18.29	305874	5715312	10570	69.49	855.38	1539183
K	L	5	454.70	20.68	305761	5715654	10570	58.33	756.70	1545303
K	M	7	908.24	82.49	305650	5715977	10570	67.27	716.69	1550673
K	N	4	437.14	19.11	305599	5716113	10570	69.46	690.21	1552953
K	O	3	260.80	6.80	305235	5717106	10570	64.11	542.95	1572183
K	A	3	304.20	9.25	305387	5716968	10580	63.14	600.20	1612233
K	B	7	959.86	92.13	305702	5716126	10580	73.27	695.95	1623093
K	C	7	715.37	51.18	305812	5715812	10580	59.72	746.13	1626873
K	D	5	564.86	31.91	306018	5715253	10580	60.32	873.27	1633923
K	E	7	740.99	54.91	306053	5715157	10580	54.92	914.91	1635243
K	F	4	395.13	15.61	306683	5713438	10580	81.25	1196.76	1659573
K	G	7	782.88	61.29	306804	5713095	10580	69.27	1283.87	1664253
K	H	7	817.75	66.87	306875	5712868	10580	76.08	1348.45	1667403
K	I	3	296.74	8.80	307339	5711621	10580	75.48	1579.54	1683753
K	J	7	719.05	51.70	307500	5711167	10580	79.67	1646.51	1689153
K	K	5	462.07	21.35	307646	5710781	10580	74.46	1681.59	1693203
K	L	6	652.69	42.60	307752	5710479	10580	65.65	1740.42	1697073
K	M	7	805.65	64.91	307848	5710242	10580	60.02	1791.65	1700073
K	N	5	565.30	31.96	307963	5709915	10580	78.07	1831.20	1703853
K	A	6	609.86	37.19	306988	5712880	10590	63.85	1341.55	1825983
K	C	6	689.70	47.57	306828	5713326	10590	66.12	1228.35	1835433
K	D	7	764.71	58.48	306767	5713478	10590	69.93	1174.69	1838553
K	E	4	399.34	15.95	306705	5713643	10590	64.10	1173.44	1841583
K	F	7	751.39	56.46	306060	5715446	10590	61.77	823.28	1893513
K	G	7	715.64	51.21	306014	5715548	10590	62.59	798.74	1897173
K	H	7	1074.36	115.42	305956	5715687	10590	54.33	771.88	1901163
K	I	6	700.73	49.10	305866	5715946	10590	74.63	724.69	1907073
K	J	7	775.97	60.21	305783	5716183	10590	60.19	701.87	1912413
K	K	5	590.69	34.89	305700	5716379	10590	57.30	676.86	1917333
K	L	4	331.51	10.99	305466	5717039	10590	69.22	590.33	1930383
K	A	5	531.32	28.23	307433	5711654	10591	75.06	1537.23	1439403



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	B	6	697.47	48.65	307612	5711178	10591	71.62	1620.02	1448553
K	C	7	790.38	62.47	307679	5710987	10591	64.34	1643.18	1451733
K	D	7	779.66	60.79	307767	5710744	10591	64.37	1674.62	1456023
K	E	7	806.55	65.05	307918	5710341	10591	59.22	1767.55	1462983
K	F	6	627.88	39.42	308010	5710056	10591	62.09	1819.79	1468023
K	A	4	426.04	18.15	305576	5717054	10600	61.57	583.30	1974243
K	B	7	840.96	70.72	305796	5716469	10600	66.33	659.48	1982433
K	C	7	922.60	85.12	305861	5716273	10600	56.39	705.17	1985193
K	D	7	1104.06	121.90	305998	5715877	10600	59.17	745.77	1991673
K	E	5	584.92	34.21	306112	5715558	10600	61.73	789.82	1996443
K	F	6	630.81	39.79	306238	5715237	10600	51.99	893.92	2002053
K	G	5	586.91	34.45	306843	5713563	10600	45.52	1183.98	2026233
K	H	6	642.43	41.27	306902	5713392	10600	62.48	1241.67	2030763
K	I	6	695.97	48.44	307075	5712910	10600	64.67	1325.76	2037213
K	J	7	758.89	57.59	307535	5711699	10600	71.95	1512.85	2053323
K	K	6	629.37	39.61	307689	5711244	10600	74.39	1598.85	2059983
K	L	6	688.41	47.39	307772	5711035	10600	68.34	1617.87	2062803
K	M	5	515.24	26.55	307861	5710814	10600	72.79	1654.17	2065983
K	N	7	923.87	85.35	308020	5710349	10600	71.93	1759.32	2072793
K	A	4	397.54	15.80	308114	5710096	10601	55.14	1818.50	252273
K	B	6	661.83	43.80	308083	5710177	10601	59.39	1802.92	254313
K	A	3	289.91	8.40	308187	5710188	10610	64.23	1796.67	1541373
K	B	7	783.05	61.32	308136	5710319	10610	65.36	1769.54	1544013
K	C	5	466.97	21.81	308039	5710582	10610	72.81	1687.01	1549173
K	D	4	439.51	19.32	307931	5710886	10610	60.13	1624.13	1555653
K	E	5	564.70	31.89	307899	5710972	10610	59.33	1608.56	1557693
K	F	6	670.01	44.89	307874	5711051	10610	62.72	1597.25	1559463
K	G	7	709.11	50.28	307826	5711205	10610	66.84	1568.46	1562583
K	H	7	735.28	54.06	307780	5711327	10610	62.16	1565.25	1565073
K	I	6	641.57	41.16	307723	5711458	10610	72.79	1553.27	1567743
K	J	5	590.82	34.91	307625	5711740	10610	74.76	1495.56	1573353
K	K	4	435.11	18.93	307597	5711833	10610	66.37	1473.63	1575303
K	L	6	659.69	43.52	307180	5712943	10610	66.29	1292.79	1599633
K	M	7	771.19	59.47	307102	5713153	10610	69.19	1281.46	1603233
K	N	5	512.05	26.22	306353	5715208	10610	63.81	893.15	1647693
K	O	6	672.68	45.25	306294	5715361	10610	68.98	837.12	1650873
K	P	6	600.27	36.03	306186	5715627	10610	64.50	777.29	1656153
K	Q	6	692.13	47.90	306087	5715952	10610	63.46	733.02	1662693
K	R	6	647.14	41.88	305873	5716543	10610	66.16	646.15	1676133
K	S	3	261.93	6.86	305553	5717527	10610	74.67	458.56	1699533
K	A	6	657.45	43.22	306017	5716444	10620	60.54	672.17	1380123
K	B	6	593.77	35.26	306267	5715709	10620	71.22	759.48	1389453
K	C	6	618.02	38.20	306352	5715479	10620	61.32	817.94	1392783
K	D	5	520.81	27.13	306460	5715190	10620	56.42	885.73	1397613
K	E	6	610.73	37.30	307224	5713097	10620	74.31	1271.13	1423803
K	F	7	898.15	80.67	307291	5712916	10620	80.79	1263.08	1425963
K	G	6	692.45	47.95	307725	5711746	10620	68.12	1465.00	1443033
K	H	6	593.67	35.24	307823	5711465	10620	70.07	1524.59	1447113
K	I	6	613.75	37.67	307911	5711175	10620	72.54	1548.48	1450503
K	J	5	578.02	33.41	307975	5711010	10620	66.10	1595.04	1452453
K	K	5	463.34	21.47	308105	5710710	10620	65.23	1647.03	1456533



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	L	5	542.82	29.47	308150	5710583	10620	62.82	1693.94	1458483
K	M	4	428.29	18.34	308226	5710304	10620	65.88	1760.93	1462023
K	A	4	352.02	12.39	308302	5710431	10630	56.99	1721.81	1196493
K	B	4	394.13	15.53	308131	5710884	10630	64.48	1605.87	1208253
K	C	6	653.13	42.66	307953	5711384	10630	62.16	1505.47	1218363
K	D	5	490.95	24.10	307891	5711556	10630	68.45	1484.51	1221843
K	E	6	652.51	42.58	307807	5711792	10630	67.20	1447.61	1227393
K	F	7	775.61	60.16	307759	5711896	10630	75.54	1419.63	1229823
K	G	5	567.97	32.26	307380	5712976	10630	74.19	1229.53	1252323
K	H	5	522.52	27.30	307311	5713167	10630	61.91	1258.55	1256163
K	I	4	437.51	19.14	306533	5715289	10630	72.63	856.30	1297623
K	J	4	348.89	12.17	306417	5715567	10630	69.75	794.50	1302873
K	K	6	643.24	41.38	306378	5715735	10630	63.95	751.23	1305903
K	L	5	579.55	33.59	306305	5715935	10630	63.48	725.83	1309773
K	M	7	797.43	63.59	306130	5716421	10630	59.99	670.22	1319793
K	N	6	621.83	38.67	306079	5716565	10630	66.40	632.75	1322763
K	A	6	608.47	37.02	306126	5716713	10640	70.71	613.90	1025313
K	B	6	647.94	41.98	306221	5716435	10640	65.70	658.60	1029093
K	C	6	655.99	43.03	306432	5715921	10640	74.06	698.94	1036443
K	D	5	554.88	30.79	306525	5715569	10640	69.45	786.25	1041963
K	E	3	259.61	6.74	306639	5715311	10640	74.58	840.64	1046463
K	F	6	638.75	40.80	307417	5713186	10640	71.39	1219.20	1078143
K	G	7	727.91	52.98	307502	5712946	10640	82.58	1195.35	1081143
K	H	7	903.41	81.61	307862	5712054	10640	83.71	1368.32	1092783
K	I	7	736.41	54.23	307919	5711869	10640	78.54	1399.17	1095303
K	J	7	724.23	52.45	307992	5711601	10640	70.07	1450.36	1099083
K	K	7	767.39	58.89	308162	5711129	10640	67.03	1542.88	1105173
K	L	6	666.37	44.41	308235	5711010	10640	60.25	1578.87	1106973
K	M	5	521.60	27.21	308358	5710670	10640	72.42	1646.68	1111953
K	N	4	432.66	18.72	308409	5710426	10640	59.36	1712.68	1114803
K	O	2	220.53	4.86	308480	5710211	10640	76.42	1747.44	1117503
K	P	1	50.35	0.25	308739	5709541	10640	67.84	1849.47	1125243
K	A	4	373.47	13.95	308564	5710294	10650	73.78	1715.01	837753
K	B	6	656.92	43.16	308500	5710455	10650	65.39	1692.55	841083
K	C	6	629.24	39.59	308389	5710774	10650	62.93	1626.92	847833
K	D	7	941.44	88.63	308282	5711081	10650	72.01	1561.07	854013
K	E	7	948.98	90.06	308219	5711251	10650	68.25	1516.94	857613
K	F	7	725.45	52.63	308163	5711399	10650	69.78	1473.30	860643
K	G	7	1208.15	145.96	308114	5711532	10650	68.00	1447.93	863253
K	H	6	662.44	43.88	308038	5711754	10650	71.20	1408.61	868203
K	I	7	808.61	65.38	307956	5711991	10650	62.97	1370.68	873453
K	J	7	762.08	58.08	307920	5712098	10650	62.34	1346.34	875613
K	K	6	637.40	40.63	307585	5713025	10650	66.18	1176.78	896163
K	L	7	784.22	61.50	307542	5713140	10650	65.73	1170.18	898563
K	M	5	447.74	20.05	307510	5713232	10650	65.97	1198.90	900843
K	N	6	596.67	35.60	307486	5713296	10650	68.16	1196.97	902253
K	O	5	510.89	26.10	307465	5713345	10650	65.45	1196.52	903303
K	P	6	678.98	46.10	306624	5715639	10650	68.51	758.65	949683
K	Q	4	361.98	13.10	306576	5715751	10650	62.99	748.83	951723
K	R	5	497.93	24.79	306533	5715873	10650	65.52	714.01	954213
K	S	7	818.87	67.06	306497	5715999	10650	73.38	690.40	956673



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	T	6	628.25	39.47	306438	5716181	10650	52.32	673.10	959943
K	U	6	689.78	47.58	306344	5716409	10650	58.99	658.10	965703
K	V	6	681.67	46.47	306307	5716520	10650	68.37	628.93	968373
K	W	7	736.32	54.22	306269	5716645	10650	57.96	615.69	971073
K	X	6	620.04	38.45	306225	5716768	10650	66.93	602.62	973593
K	Y	5	547.70	30.00	306182	5716879	10650	67.21	592.84	975753
K	Z	6	691.16	47.77	306134	5717010	10650	64.13	596.48	978483
K	A	6	664.62	44.17	306281	5716893	10660	65.61	580.64	676473
K	B	6	677.28	45.87	306423	5716500	10660	75.72	612.92	681333
K	C	6	657.94	43.29	306547	5716146	10660	81.29	633.67	686463
K	D	5	527.90	27.87	306651	5715857	10660	85.07	682.97	691833
K	E	4	417.39	17.42	306696	5715728	10660	69.84	727.23	694053
K	F	4	431.76	18.64	306762	5715538	10660	78.77	769.91	697713
K	G	4	446.91	19.97	307531	5713416	10660	73.32	1184.22	726213
K	H	5	453.30	20.55	307589	5713259	10660	74.69	1167.81	728373
K	I	5	544.80	29.68	307662	5713046	10660	86.92	1145.03	730743
K	J	6	604.89	36.59	308040	5712023	10660	68.26	1346.32	744153
K	K	7	875.28	76.61	308181	5711711	10660	68.40	1399.74	748263
K	L	7	759.08	57.62	308310	5711311	10660	69.00	1503.93	753543
K	M	6	681.55	46.45	308494	5710780	10660	64.63	1628.41	759603
K	N	3	315.28	9.94	308680	5710316	10660	59.87	1708.75	764853
K	A	2	104.92	1.10	309013	5709626	10670	61.68	1784.54	477033
K	B	4	414.46	17.18	308742	5710399	10670	64.73	1687.45	493023
K	C	5	553.53	30.64	308714	5710471	10670	68.76	1672.98	494613
K	D	5	520.78	27.12	308616	5710736	10670	62.53	1628.51	500883
K	E	7	710.14	50.43	308556	5710913	10670	73.18	1593.66	505323
K	F	6	681.41	46.43	308516	5711025	10670	72.10	1567.92	508293
K	G	6	656.55	43.11	308451	5711192	10670	77.21	1524.18	512523
K	H	5	491.93	24.20	308389	5711365	10670	70.42	1489.16	516303
K	I	6	615.84	37.92	308314	5711569	10670	62.73	1434.39	520353
K	J	7	945.87	89.47	308256	5711754	10670	66.11	1389.01	523923
K	K	7	841.62	70.83	308214	5711854	10670	69.92	1363.30	525993
K	L	6	675.92	45.69	308124	5712086	10670	71.56	1320.27	530823
K	M	5	541.19	29.29	307714	5713196	10670	70.30	1111.25	555153
K	N	5	587.54	34.52	307633	5713415	10670	56.96	1127.61	560223
K	O	5	468.88	21.98	306804	5715732	10670	87.86	696.75	609063
K	P	6	623.29	38.85	306545	5716442	10670	66.81	598.44	624333
K	Q	6	669.98	44.89	306495	5716579	10670	72.82	578.12	627513
K	R	6	627.64	39.39	306459	5716673	10670	67.05	575.71	629943
K	S	6	665.99	44.35	306406	5716829	10670	77.18	551.92	633453
K	T	6	611.06	37.34	306383	5716907	10670	68.81	550.42	635013
K	U	4	381.10	14.52	306329	5717057	10670	57.99	567.41	638013
K	V	5	495.36	24.54	306297	5717146	10670	55.66	564.03	639903
K	A	6	671.83	45.14	306425	5717059	10680	78.74	532.51	318663
K	B	7	870.34	75.75	306628	5716496	10680	74.94	610.14	326763
K	C	4	433.44	18.79	306878	5715822	10680	64.61	729.68	336063
K	D	4	406.75	16.54	306978	5715572	10680	73.40	737.58	340053
K	E	6	636.07	40.46	307076	5715287	10680	69.84	784.57	345153
K	F	5	540.20	29.18	307350	5714543	10680	70.38	907.99	357933
K	G	7	819.47	67.15	307752	5713395	10680	78.16	1088.31	373323
K	H	7	807.60	65.22	307837	5713194	10680	72.20	1131.50	375783



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	I	5	548.64	30.10	307950	5712905	10680	58.77	1193.15	379773
K	J	4	430.21	18.51	308025	5712710	10680	76.95	1238.96	383193
K	K	7	775.95	60.21	308224	5712134	10680	73.88	1338.54	390693
K	L	7	769.89	59.27	308315	5711935	10680	65.82	1381.20	392913
K	M	6	665.85	44.34	308511	5711321	10680	80.42	1494.86	400173
K	N	7	809.99	65.61	308608	5711068	10680	72.49	1560.89	403773
K	O	5	494.62	24.47	308678	5710838	10680	70.57	1601.97	406623
K	A	4	398.43	15.88	308833	5710729	10690	68.46	1625.06	141633
K	B	5	547.75	30.00	308808	5710800	10690	68.66	1614.42	143193
K	C	5	523.56	27.41	308750	5710950	10690	66.80	1586.69	147033
K	D	7	792.83	62.86	308696	5711091	10690	64.71	1555.12	150573
K	E	7	859.57	73.89	308615	5711326	10690	61.34	1494.22	156843
K	F	7	788.22	62.13	308579	5711429	10690	61.22	1465.46	159693
K	G	7	831.85	69.20	308535	5711554	10690	56.30	1450.11	162843
K	H	7	868.89	75.50	308460	5711746	10690	61.68	1417.07	167433
K	I	7	857.62	73.55	308393	5711907	10690	68.08	1399.17	171333
K	J	7	841.30	70.78	308353	5712054	10690	67.09	1375.18	175023
K	K	7	797.53	63.61	308291	5712215	10690	64.51	1343.10	178983
K	L	6	631.19	39.84	308169	5712550	10690	79.17	1276.96	186213
K	M	5	578.34	33.45	308133	5712654	10690	65.31	1274.36	188673
K	N	5	542.25	29.40	308051	5712858	10690	63.79	1251.50	193083
K	O	6	695.76	48.41	308011	5712978	10690	66.67	1221.12	195633
K	P	7	793.64	62.99	307876	5713350	10690	76.59	1137.29	203343
K	Q	6	608.93	37.08	307426	5714579	10690	72.81	962.72	229653
K	R	5	492.19	24.23	307382	5714724	10690	67.69	950.44	232863
K	S	4	443.58	19.68	307310	5714937	10690	69.36	932.53	238443
K	T	5	510.92	26.10	307257	5715070	10690	83.91	869.93	242553
K	U	6	610.59	37.28	307213	5715185	10690	72.22	860.11	245253
K	V	6	665.09	44.23	307190	5715246	10690	79.37	845.06	246513
K	W	6	693.47	48.09	307155	5715331	10690	76.54	818.28	248283
K	X	7	910.39	82.88	306411	5717383	10690	70.56	498.78	289653
K	A	6	606.84	36.83	306505	5717399	10700	50.25	524.01	282963
K	B	5	520.65	27.11	307108	5715763	10700	58.07	784.96	310023
K	C	4	445.35	19.83	307219	5715517	10700	50.32	854.15	315063
K	D	5	521.57	27.20	307283	5715348	10700	58.36	885.16	319743
K	E	5	477.15	22.77	307407	5714938	10700	58.28	971.89	326643
K	F	4	441.03	19.45	307502	5714672	10700	77.47	1002.58	330663
K	G	5	557.82	31.12	307608	5714425	10700	66.05	1026.04	333513
K	H	5	503.23	25.32	307711	5714164	10700	69.54	1032.60	336813
K	I	4	348.91	12.17	307796	5713877	10700	79.93	1057.76	340833
K	J	5	554.03	30.70	308044	5713213	10700	70.22	1232.55	350463
K	K	7	708.11	50.14	308087	5713114	10700	63.27	1262.10	351633
K	L	6	634.05	40.20	308341	5712407	10700	76.97	1323.57	359853
K	M	7	751.57	56.49	308395	5712232	10700	67.97	1353.72	361893
K	N	7	743.18	55.23	308471	5712056	10700	70.20	1391.23	364323
K	O	6	662.55	43.90	308600	5711727	10700	78.55	1443.63	368553
K	P	7	729.46	53.21	308652	5711543	10700	71.49	1459.63	370773
K	Q	6	676.00	45.70	308698	5711406	10700	76.37	1469.69	372363
K	R	6	659.07	43.44	308928	5710767	10700	64.38	1615.29	380553
K	S	1	46.56	0.22	309181	5710049	10700	68.30	1698.96	388083
K	A	4	392.38	15.40	306587	5717467	10710	56.74	526.05	74463



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	B	5	491.75	24.18	307192	5715851	10710	64.90	765.59	97203
K	C	6	616.70	38.03	307323	5715485	10710	67.09	882.96	102723
K	D	3	256.23	6.57	307560	5714828	10710	66.63	1016.33	109863
K	E	4	404.09	16.33	307738	5714340	10710	63.43	1069.82	115023
K	F	5	519.25	26.96	307877	5714012	10710	75.09	1095.31	118323
K	G	5	498.99	24.90	308169	5713184	10710	68.86	1306.55	127773
K	H	6	670.23	44.92	308486	5712278	10710	67.99	1369.63	136803
K	I	7	782.00	61.15	308578	5712009	10710	67.46	1427.12	139503
K	J	7	882.79	77.93	308769	5711533	10710	72.67	1485.24	143943
K	K	7	792.32	62.78	308810	5711422	10710	78.44	1489.86	144993
K	L	4	437.71	19.16	309019	5710760	10710	78.79	1598.73	151533
K	M	1	69.89	0.49	309264	5710139	10710	68.51	1672.54	157563
K	A	2	186.35	3.47	309479	5709820	10720	65.71	1686.83	337503
K	B	2	140.64	1.98	309371	5710142	10720	59.45	1659.34	345633
K	C	3	264.36	6.99	309145	5710770	10720	61.77	1587.35	362733
K	D	6	666.76	44.46	309107	5710881	10720	68.62	1571.35	365013
K	E	7	754.89	56.99	308904	5711411	10720	62.46	1498.94	377253
K	F	5	576.72	33.26	308789	5711740	10720	62.05	1497.30	383943
K	G	6	704.58	49.64	308564	5712324	10720	66.93	1386.14	395283
K	H	5	506.18	25.62	308521	5712447	10720	61.36	1379.31	397563
K	I	6	613.20	37.60	308333	5712975	10720	65.65	1365.13	407643
K	J	7	713.55	50.92	308306	5713057	10720	56.47	1356.22	409263
K	K	4	421.41	17.76	307984	5713924	10720	70.94	1149.11	424443
K	L	5	530.25	28.12	307917	5714080	10720	74.62	1117.98	427893
K	M	5	549.34	30.18	307894	5714152	10720	65.36	1115.38	429483
K	N	5	505.79	25.58	307816	5714401	10720	60.49	1082.56	434643
K	O	4	344.64	11.88	307624	5714956	10720	72.91	994.75	444843
K	P	4	342.89	11.76	307222	5716062	10720	56.52	730.48	463173
K	A	4	325.54	10.60	307278	5716143	10730	59.45	736.37	531033
K	B	5	559.12	31.26	308117	5713920	10730	76.83	1202.90	564633
K	C	5	586.01	34.34	308215	5713616	10730	82.50	1256.91	568293
K	D	5	533.89	28.50	308496	5712830	10730	70.85	1410.16	578073
K	E	7	819.01	67.08	309005	5711436	10730	69.57	1525.47	594093
K	F	6	612.35	37.50	309069	5711236	10730	78.76	1519.05	596283
K	G	4	363.33	13.20	309236	5710831	10730	72.32	1559.66	601503
K	H	2	178.47	3.19	309334	5710546	10730	65.59	1603.14	604983
K	I	2	118.86	1.41	309374	5710423	10730	67.54	1613.60	606513
K	A	3	288.11	8.30	309384	5710697	10740	62.27	1569.60	693303
K	B	5	450.26	20.27	309320	5710879	10740	57.97	1544.44	697473
K	C	6	634.48	40.26	309281	5710961	10740	58.85	1541.54	699603
K	D	6	658.72	43.39	309189	5711226	10740	53.80	1531.37	706593
K	E	6	701.62	49.23	309151	5711318	10740	61.20	1538.91	709113
K	F	5	564.32	31.85	309075	5711530	10740	56.58	1553.78	713763
K	G	5	503.95	25.40	309027	5711679	10740	58.18	1545.45	716883
K	H	5	525.43	27.61	308969	5711843	10740	59.45	1524.80	719703
K	I	5	557.23	31.05	308891	5712054	10740	68.44	1476.38	723903
K	J	5	575.86	33.16	308648	5712700	10740	63.38	1442.97	738393
K	K	6	613.91	37.69	308598	5712856	10740	60.68	1429.72	741513
K	L	5	475.05	22.57	308472	5713198	10740	61.84	1389.12	748623
K	M	5	472.29	22.31	308410	5713368	10740	68.42	1353.99	752193
K	N	5	461.54	21.30	308341	5713530	10740	68.02	1317.91	755553



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	O	5	510.73	26.09	308266	5713736	10740	75.57	1261.34	759213
K	P	6	651.34	42.42	308119	5714091	10740	71.38	1201.46	764823
K	Q	3	240.78	5.80	308007	5714452	10740	71.76	1123.18	771213
K	R	5	513.99	26.42	307358	5716271	10740	58.07	721.99	803943
K	A	4	413.63	17.11	307428	5716292	10750	58.87	717.18	876633
K	B	6	681.06	46.38	308465	5713516	10750	67.76	1338.52	917643
K	C	7	854.49	73.02	308552	5713288	10750	59.39	1389.86	920433
K	D	7	861.33	74.19	308636	5713050	10750	65.02	1429.33	923223
K	E	7	782.55	61.24	308816	5712552	10750	67.35	1482.86	928623
K	F	5	531.74	28.27	308956	5712159	10750	72.18	1501.43	933423
K	G	7	722.47	52.20	309081	5711804	10750	68.23	1544.57	937473
K	H	7	788.72	62.21	309183	5711527	10750	59.53	1585.19	940743
K	I	7	832.99	69.39	309293	5711175	10750	65.67	1551.75	944823
K	J	6	663.72	44.05	309404	5710913	10750	84.02	1541.28	947523
K	K	4	361.84	13.09	309478	5710762	10750	80.95	1547.78	949203
K	A	2	207.70	4.31	309676	5710457	10760	66.86	1578.80	1048983
K	B	3	295.69	8.74	309592	5710694	10760	59.28	1553.40	1054653
K	C	7	754.88	56.98	309506	5710931	10760	64.92	1541.17	1059843
K	D	7	740.84	54.88	309434	5711123	10760	63.63	1570.60	1064673
K	E	6	706.02	49.85	309382	5711279	10760	56.87	1596.37	1068873
K	F	5	530.58	28.15	309035	5712225	10760	67.53	1525.62	1087203
K	G	5	538.72	29.02	308943	5712479	10760	66.75	1504.48	1092243
K	H	6	644.88	41.59	308825	5712854	10760	61.65	1496.64	1098843
K	I	7	811.06	65.78	308786	5712958	10760	63.36	1474.15	1100853
K	J	7	777.35	60.43	308732	5713090	10760	66.62	1449.01	1103433
K	K	7	836.33	69.94	308555	5713521	10760	70.94	1359.43	1110783
K	L	6	659.40	43.48	308497	5713708	10760	66.33	1313.94	1113693
K	M	4	387.41	15.01	308436	5713907	10760	69.33	1276.36	1116843
K	N	4	439.90	19.35	308393	5714023	10760	61.52	1266.71	1118823
K	O	4	419.57	17.60	307525	5716367	10760	71.65	709.79	1157733
K	A	5	543.49	29.54	307621	5716372	10770	65.91	688.60	1213713
K	B	4	319.13	10.18	307867	5715733	10770	64.71	838.78	1223013
K	C	2	144.36	2.08	307917	5715593	10770	55.08	888.28	1225203
K	D	5	502.60	25.26	308478	5714026	10770	67.09	1281.73	1248633
K	E	6	687.53	47.27	308617	5713676	10770	67.20	1339.93	1253223
K	F	6	620.24	38.47	308723	5713406	10770	58.89	1410.21	1256763
K	G	7	862.36	74.37	308846	5713011	10770	70.41	1493.74	1261833
K	H	5	572.98	32.83	308936	5712758	10770	68.16	1531.73	1264893
K	I	5	501.20	25.12	309109	5712322	10770	78.83	1562.36	1269843
K	J	6	602.03	36.24	309164	5712151	10770	81.69	1561.72	1271643
K	K	5	495.49	24.55	309282	5711892	10770	77.85	1579.54	1274793
K	L	7	798.68	63.79	309639	5710883	10770	88.84	1537.48	1286553
K	M	3	233.35	5.45	309788	5710480	10770	79.85	1561.78	1290753
K	A	2	100.14	1.00	309999	5710122	10780	65.47	1575.24	1367943
K	B	7	879.63	77.38	309729	5710912	10780	66.75	1548.05	1385553
K	C	6	683.81	46.76	309664	5711057	10780	61.53	1589.09	1389003
K	D	7	775.60	60.16	309361	5711923	10780	65.20	1594.10	1408743
K	E	7	785.18	61.65	309311	5712043	10780	61.68	1596.37	1412223
K	F	5	530.99	28.20	309243	5712244	10780	61.87	1586.17	1417473
K	G	4	421.40	17.76	309097	5712682	10780	55.04	1580.12	1426983
K	H	6	636.83	40.56	309022	5712890	10780	53.28	1550.21	1432263



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	I	7	776.00	60.22	308967	5713006	10780	56.75	1518.89	1435263
K	J	7	766.14	58.70	308897	5713154	10780	61.10	1482.36	1438713
K	K	6	702.13	49.30	308807	5713394	10780	71.53	1425.71	1442763
K	L	6	655.12	42.92	308766	5713537	10780	64.75	1383.72	1446003
K	M	5	588.56	34.64	308673	5713817	10780	63.89	1318.75	1451853
K	N	6	635.40	40.37	308594	5714011	10780	61.92	1294.50	1455993
K	O	7	866.57	75.09	308519	5714225	10780	60.77	1246.66	1460133
K	A	3	280.81	7.88	308032	5715570	10781	64.79	897.04	1552563
K	B	4	384.88	14.81	308001	5715693	10781	71.80	863.36	1555083
K	C	4	373.76	13.97	307939	5715834	10781	68.94	817.68	1558503
K	D	4	398.75	15.90	307864	5715995	10781	71.66	790.04	1561863
K	E	4	355.09	12.61	307775	5716237	10781	69.19	738.04	1566423
K	F	4	331.92	11.02	307749	5716363	10781	74.59	705.97	1568463
K	G	5	567.81	32.24	307704	5716486	10781	70.92	677.87	1570713
K	H	4	427.66	18.29	307660	5716570	10781	73.30	638.88	1572843
K	B	2	222.41	4.95	307358	5717605	10790	75.57	453.06	1610193
K	C	5	580.40	33.69	307763	5716580	10790	64.17	658.02	1627983
K	D	4	368.44	13.57	307869	5716308	10790	60.81	727.73	1631853
K	E	5	531.97	28.30	307983	5715990	10790	60.31	809.40	1636083
K	F	4	419.44	17.59	308161	5715531	10790	75.82	893.42	1641513
K	G	7	719.35	51.75	308703	5714074	10790	75.08	1279.85	1659093
K	H	5	510.90	26.10	308769	5713856	10790	80.69	1313.74	1661673
K	I	5	537.61	28.90	308835	5713622	10790	59.70	1366.45	1664793
K	J	6	617.52	38.13	308974	5713305	10790	58.25	1468.00	1669203
K	K	6	634.10	40.21	309096	5713011	10790	69.70	1546.80	1673283
K	L	6	680.05	46.25	309138	5712894	10790	69.63	1583.98	1674663
K	M	4	429.03	18.41	309228	5712603	10790	67.82	1604.00	1678173
K	N	4	413.85	17.13	309515	5711765	10790	82.78	1610.97	1687653
K	O	7	866.37	75.06	309864	5710841	10790	81.87	1515.67	1697883
K	P	2	173.00	2.99	310016	5710388	10790	71.00	1539.42	1702863
K	Q	1	48.91	0.24	310136	5710056	10790	79.23	1539.41	1706103
K	A	2	204.72	4.19	310091	5710415	10800	56.55	1529.03	1789173
K	B	7	775.75	60.18	309909	5710936	10800	68.83	1545.97	1800783
K	C	6	623.48	38.87	309659	5711688	10800	68.81	1624.50	1818363
K	D	7	930.89	86.66	309616	5711791	10800	66.75	1628.95	1820883
K	E	7	1017.29	103.49	309588	5711862	10800	56.84	1644.18	1822533
K	F	7	914.22	83.58	309293	5712675	10800	66.27	1627.86	1840593
K	G	5	583.69	34.07	309181	5712977	10800	69.33	1571.99	1846983
K	H	3	306.65	9.40	309084	5713262	10800	54.96	1493.51	1852833
K	I	7	791.17	62.59	309011	5713480	10800	62.28	1415.57	1858323
K	J	6	677.90	45.95	308962	5713609	10800	66.25	1372.86	1861473
K	K	5	537.90	28.93	308873	5713856	10800	74.51	1324.55	1866423
K	L	7	840.29	70.61	308842	5713946	10800	68.49	1304.97	1868403
K	M	7	721.58	52.07	308755	5714159	10800	72.43	1264.54	1873053
K	N	5	499.09	24.91	308677	5714373	10800	61.93	1221.69	1877583
K	O	2	197.28	3.89	308327	5715315	10800	73.47	954.47	1896003
K	P	5	550.63	30.32	308258	5715505	10800	73.44	896.59	1899333
K	Q	4	345.88	11.96	307927	5716411	10800	74.63	720.78	1915173
K	R	5	569.16	32.39	307835	5716687	10800	71.35	635.44	1919553
K	A	5	547.32	29.96	307925	5716719	10810	60.39	619.83	441483
K	B	5	456.55	20.84	308041	5716419	10810	56.28	700.23	446313



Anom	ID	Anom	Labels	Grade	Off Tau	Off Tau	Off Con	x	y	line	bird	height	dtm	emfid
K	C	K	585.54	5	34.29	308118	5716211	10810	39.42	787.44	451083			
K	D	K	801.96	7	64.31	308211	5715933	10810	56.65	839.76	460983			
K	E	K	300.87	3	9.05	308415	5715404	10810	67.65	935.18	468933			
K	F	K	562.70	5	31.66	308867	5714137	10810	53.49	1275.92	489003			
K	G	K	547.50	5	29.98	308990	5713816	10810	66.58	1336.04	493473			
K	H	K	783.43	7	61.38	309106	5713469	10810	53.99	1421.85	498363			
K	I	K	400.54	4	16.04	309155	5713334	10810	64.10	1480.96	502593			
K	J	K	430.09	4	18.50	309230	5713131	10810	60.46	1563.47	507723			
K	K	K	606.26	6	36.76	309277	5713008	10810	75.82	1596.17	510783			
K	L	K	494.48	5	24.45	309335	5712867	10810	75.55	1631.65	513333			
K	M	K	345.23	4	11.92	309402	5712693	10810	68.68	1657.30	515913			
K	N	K	581.34	5	33.80	309731	5711801	10810	61.22	1655.16	526833			
K	O	K	435.76	4	18.99	309824	5711535	10810	58.59	1643.34	529863			
K	P	K	925.09	7	85.58	310063	5710853	10810	79.18	1513.53	538803			
K	Q	K	104.95	2	1.10	310246	5710404	10810	72.44	1489.38	545163			
K	A	K	661.98	6	43.82	310190	5710813	10820	83.68	1497.78	626193			
K	B	K	893.73	7	79.88	310157	5710902	10820	82.47	1520.53	628563			
K	C	K	550.06	5	30.26	309954	5711475	10820	65.11	1655.44	643503			
K	D	K	219.00	2	4.80	309761	5711975	10820	68.95	1677.99	652683			
K	E	K	167.12	2	2.79	309674	5712225	10820	67.42	1682.41	656913			
K	F	K	345.34	4	11.93	309517	5712657	10820	53.57	1674.20	665643			
K	G	K	580.57	5	33.71	309473	5712785	10820	63.12	1693.24	671103			
K	H	K	355.60	4	12.65	309323	5713202	10820	88.23	1562.79	679413			
K	I	K	275.28	3	7.58	309293	5713273	10820	76.22	1527.42	681633			
K	J	K	678.01	6	45.97	309220	5713487	10820	75.66	1431.00	686073			
K	K	K	400.13	4	16.01	309170	5713614	10820	70.81	1390.46	688113			
K	L	K	581.50	5	33.81	308954	5714191	10820	60.23	1270.02	696183			
K	M	K	520.91	5	27.14	308466	5715539	10820	70.91	918.62	714453			
K	N	K	339.22	4	11.51	308134	5716503	10820	80.04	666.33	730833			
K	O	K	622.41	6	38.74	308025	5716801	10820	69.41	600.45	735573			
K	A	K	934.45	7	87.32	308104	5716827	10830	57.19	601.44	757953			
K	B	K	599.24	6	35.91	308252	5716456	10830	65.36	693.86	763383			
K	C	K	329.73	4	10.87	308362	5716148	10830	60.16	806.15	768843			
K	D	K	203.01	2	4.12	308581	5715530	10830	54.65	936.71	778863			
K	E	K	437.77	4	19.16	308852	5714801	10830	61.14	1118.18	790053			
K	F	K	496.13	5	24.61	309082	5714129	10830	66.36	1293.71	799983			
K	G	K	431.85	4	18.65	309304	5713554	10830	74.47	1440.77	807933			
K	H	K	322.41	4	10.40	309655	5712543	10830	62.27	1679.13	832803			
K	I	K	261.42	3	6.83	309913	5711888	10830	68.13	1712.27	840963			
K	J	K	641.90	6	41.20	310100	5711359	10830	56.64	1644.85	848253			
K	K	K	819.51	7	67.16	310273	5710848	10830	70.76	1487.79	857523			
K	L	K	824.60	7	68.00	310290	5710794	10830	63.63	1482.18	858363			
K	A	K	745.63	7	55.60	310404	5710810	10840	74.15	1474.12	949983			
K	B	K	845.55	7	71.50	310371	5710918	10840	70.11	1508.01	952143			
K	C	K	238.34	3	5.68	310319	5711042	10840	51.01	1596.14	957573			
K	D	K	781.19	7	61.03	310169	5711419	10840	62.67	1654.92	966363			
K	E	K	627.91	6	39.43	310115	5711598	10840	59.39	1687.65	969903			
K	F	K	267.72	3	7.17	310048	5711782	10840	84.30	1728.90	973593			
K	G	K	306.81	3	9.41	309997	5711939	10840	65.68	1756.51	976113			
K	H	K	264.43	3	6.99	309931	5712111	10840	75.51	1711.83	979203			
K	I	K	269.93	3	7.29	309798	5712474	10840	59.27	1686.84	985833			



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	J	5	499.30	24.93	309399	5713541	10840	71.52	1482.47	1006353
K	K	5	521.51	27.20	309357	5713657	10840	73.81	1433.45	1008033
K	L	5	564.46	31.86	309165	5714215	10840	75.06	1277.97	1015413
K	M	5	575.04	33.07	308588	5715818	10840	69.38	865.20	1038783
K	N	3	228.43	5.22	308475	5716120	10840	61.82	819.11	1043493
K	O	4	360.68	13.01	308431	5716240	10840	69.63	759.68	1045293
K	P	4	415.77	17.29	308299	5716573	10840	69.42	678.05	1050093
K	Q	7	748.48	56.02	308233	5716733	10840	65.18	627.59	1052343
K	R	3	274.29	7.52	308123	5717057	10840	71.01	538.68	1056993
K	A	3	291.04	8.47	308178	5717143	10850	67.65	524.10	1074543
K	B	5	471.22	22.20	308243	5717016	10850	63.28	553.85	1076553
K	C	2	221.12	4.89	308407	5716600	10850	58.58	700.14	1083213
K	D	2	170.66	2.91	308529	5716252	10850	61.97	768.63	1088433
K	E	4	348.94	12.18	308585	5716125	10850	63.35	799.95	1090263
K	F	2	166.67	2.78	308712	5715787	10850	68.96	865.23	1095483
K	G	4	333.63	11.13	309221	5714340	10850	65.35	1274.31	1116783
K	H	3	229.47	5.27	309307	5714105	10850	71.93	1310.05	1120083
K	I	4	410.99	16.89	309481	5713635	10850	63.73	1488.20	1128453
K	J	3	293.22	8.60	309980	5712262	10850	76.74	1711.18	1146723
K	K	3	226.56	5.13	310167	5711799	10850	58.26	1746.03	1153023
K	L	7	776.26	60.26	310304	5711399	10850	57.67	1633.72	1159113
K	M	5	590.56	34.88	310477	5710889	10850	75.56	1476.49	1167243
K	N	5	465.57	21.68	310504	5710788	10850	89.26	1439.69	1168563
K	A	7	844.99	71.40	310555	5710965	10860	68.64	1482.14	1264413
K	B	7	828.41	68.63	310529	5711031	10860	58.89	1514.55	1265973
K	C	5	449.67	20.22	310513	5711085	10860	54.51	1556.01	1267803
K	D	7	801.57	64.25	310382	5711458	10860	64.63	1635.00	1276323
K	E	2	212.24	4.50	310239	5711813	10860	58.88	1739.59	1282983
K	F	3	237.31	5.63	310124	5712137	10860	70.14	1720.48	1289343
K	G	7	769.39	59.20	310050	5712344	10860	67.63	1725.65	1293393
K	H	4	330.07	10.89	309368	5714238	10860	92.34	1269.77	1327023
K	I	4	405.23	16.42	309327	5714348	10860	70.76	1254.75	1329033
K	J	7	872.60	76.14	309297	5714434	10860	68.54	1256.95	1330473
K	K	5	497.12	24.71	308905	5715518	10860	76.45	980.22	1345533
K	L	4	340.98	11.63	308723	5716015	10860	67.42	821.48	1352553
K	M	6	601.93	36.23	308510	5716565	10860	67.96	725.24	1361643
K	N	2	155.09	2.40	308426	5716837	10860	54.38	625.54	1367553
K	O	7	1144.40	130.96	308287	5717211	10860	61.63	501.53	1373943
K	P	7	737.79	54.43	308210	5717411	10860	69.84	472.64	1377093
K	Q	3	245.13	6.01	308119	5717645	10860	69.13	451.70	1380903
K	B	7	3691.41	1362.65	308310	5717421	10870	62.23	462.60	1392603
K	C	2	203.13	4.13	308553	5716786	10870	52.09	656.63	1402593
K	D	2	181.92	3.31	308708	5716340	10870	59.16	787.49	1411743
K	E	5	487.34	23.75	309357	5714567	10870	73.71	1221.44	1438023
K	F	3	311.07	9.68	309449	5714353	10870	77.21	1238.08	1440873
K	G	4	384.63	14.79	309488	5714251	10870	61.30	1285.46	1442463
K	H	4	319.75	10.22	309528	5714112	10870	58.92	1371.53	1446783
K	I	3	315.16	9.93	309586	5713895	10870	48.20	1487.11	1453293
K	J	5	557.48	31.08	310183	5712282	10870	82.97	1723.24	1481793
K	K	4	368.38	13.57	310237	5712131	10870	68.62	1746.52	1483713
K	L	3	266.38	7.10	310323	5711928	10870	71.41	1762.83	1487133



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	M	4	359.36	12.91	310363	5711802	10870	77.31	1700.93	1489413
K	N	7	762.24	58.10	310482	5711446	10870	68.22	1608.27	1495263
K	O	7	899.07	80.83	310623	5711027	10870	82.90	1482.01	1501803
K	A	5	561.83	31.57	310697	5711151	10880	79.75	1489.65	1607403
K	B	5	586.98	34.45	310599	5711438	10880	71.56	1579.94	1613373
K	C	7	948.72	90.01	310574	5711508	10880	54.83	1617.50	1614693
K	D	4	347.29	12.06	310432	5711895	10880	62.68	1771.68	1623303
K	E	5	491.71	24.18	310400	5711987	10880	54.90	1790.63	1625463
K	F	5	512.40	26.26	310365	5712116	10880	53.07	1749.98	1628643
K	G	5	521.66	27.21	310333	5712207	10880	59.80	1723.53	1630803
K	H	2	207.11	4.29	309521	5714405	10880	83.51	1236.31	1675203
K	I	3	224.06	5.02	309432	5714647	10880	62.47	1197.31	1678893
K	J	2	143.07	2.05	308770	5716457	10880	73.67	776.48	1705293
K	K	3	311.83	9.72	308649	5716817	10880	74.71	631.07	1711983
K	A	5	582.78	33.96	308675	5717052	10890	55.00	536.18	1740813
K	B	7	714.37	51.03	308756	5716793	10890	58.63	641.16	1746453
K	C	4	403.92	16.32	308871	5716464	10890	51.02	787.31	1753383
K	D	7	866.00	75.00	308919	5716306	10890	58.93	782.35	1756323
K	E	5	509.44	25.95	309122	5715768	10890	63.40	924.03	1764873
K	F	3	230.02	5.29	309204	5715570	10890	76.04	967.03	1767543
K	G	3	224.36	5.03	309514	5714699	10890	73.43	1174.75	1779933
K	H	3	265.52	7.05	309572	5714547	10890	68.13	1204.30	1781913
K	I	5	571.52	32.66	310462	5712093	10890	65.81	1743.51	1817103
K	J	4	405.05	16.41	310535	5711903	10890	59.97	1781.54	1822653
K	K	3	227.15	5.16	310587	5711724	10890	65.86	1665.87	1827093
K	L	5	589.39	34.74	310711	5711429	10890	87.08	1566.01	1833393
K	M	5	552.24	30.50	310772	5711211	10890	73.69	1509.88	1837233
K	A	5	588.24	34.60	310844	5711352	10900	72.22	1534.61	1951773
K	B	7	744.66	55.45	310802	5711482	10900	56.74	1577.44	1953963
K	C	2	205.02	4.20	310673	5711781	10900	70.12	1661.29	1961373
K	D	3	241.38	5.83	310649	5711830	10900	70.21	1701.95	1962723
K	E	4	421.48	17.77	310611	5711931	10900	46.47	1779.69	1967043
K	F	5	497.85	24.79	310575	5712026	10900	71.72	1755.83	1970613
K	G	6	671.27	45.06	310535	5712205	10900	70.75	1670.41	1974693
K	H	4	409.59	16.78	309302	5715602	10900	77.87	960.59	2032953
K	I	7	849.55	72.17	309239	5715784	10900	64.83	911.83	2035563
K	J	7	1118.26	125.05	309126	5716109	10900	66.75	813.33	2040063
K	K	7	973.17	94.71	309044	5716325	10900	67.69	775.68	2042973
K	L	4	394.65	15.57	308968	5716516	10900	74.30	767.03	2045883
K	M	7	893.02	79.75	308904	5716700	10900	67.23	674.57	2049993
K	N	7	1208.73	146.10	308861	5716808	10900	61.04	631.01	2052153
K	O	7	782.53	61.23	308778	5716985	10900	81.05	550.38	2055183
K	P	7	897.85	80.61	308752	5717049	10900	69.42	534.02	2056473
K	Q	7	1098.49	120.67	308700	5717235	10900	75.18	480.95	2059533
K	B	7	991.08	98.22	308814	5717221	10910	66.09	489.91	2079393
K	C	7	1391.12	193.52	308882	5717013	10910	61.38	566.04	2082483
K	D	7	1059.72	112.30	308974	5716781	10910	57.88	643.67	2086113
K	E	7	2413.22	582.36	309075	5716496	10910	70.05	745.23	2091333
K	F	7	799.21	63.87	309131	5716312	10910	75.48	761.69	2093583
K	G	7	931.75	86.81	309202	5716117	10910	69.34	794.16	2096313
K	H	7	930.01	86.49	309247	5716000	10910	65.91	841.76	2098023



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	I	7	1840.41	338.71	309441	5715571	10910	63.98	966.85	2103933
K	J	4	425.05	18.07	310666	5712148	10910	75.46	1668.87	2150613
K	K	4	345.41	11.93	310780	5711850	10910	78.07	1636.74	2159253
K	L	7	910.91	82.97	310868	5711584	10910	63.12	1583.02	2164653
K	M	5	489.78	23.99	310900	5711477	10910	76.85	1563.02	2166543
K	A	7	878.30	77.14	310951	5711663	10920	58.83	1564.11	2278773
K	B	4	421.53	17.77	310847	5711916	10920	60.74	1627.92	2283393
K	C	4	403.85	16.31	310803	5712014	10920	59.56	1691.66	2288073
K	D	4	435.03	18.93	310756	5712133	10920	65.78	1661.23	2291703
K	E	3	272.86	7.45	310710	5712291	10920	63.98	1596.34	2295003
K	F	4	398.10	15.85	309654	5715228	10920	74.40	1052.24	2341713
K	G	5	549.16	30.16	309553	5715479	10920	62.16	1011.10	2345913
K	H	6	617.89	38.18	309462	5715723	10920	65.75	917.88	2350113
K	I	4	445.00	19.80	309222	5716384	10920	71.43	755.10	2360433
K	J	7	871.53	75.96	309133	5716600	10920	76.34	728.76	2363493
K	K	7	955.16	91.23	309044	5716851	10920	110.69	617.25	2367093
K	L	7	829.13	68.75	308965	5717127	10920	53.11	537.71	2372313
K	M	7	994.02	98.81	308860	5717363	10920	82.21	460.40	2375823
K	A	7	962.30	92.60	308992	5717295	10930	80.33	476.65	2393913
K	B	7	1097.97	120.55	309052	5717142	10930	61.26	527.26	2395983
K	C	7	2756.03	759.57	309149	5716909	10930	60.94	600.31	2399793
K	D	4	321.50	10.34	309236	5716653	10930	60.11	717.38	2404533
K	E	7	905.09	81.92	309332	5716396	10930	78.26	740.48	2408073
K	F	4	385.49	14.86	309660	5715578	10930	54.03	992.29	2418843
K	G	4	405.25	16.42	309787	5715167	10930	79.36	1063.14	2425533
K	H	5	554.28	30.72	310929	5712020	10930	79.54	1581.10	2468823
K	I	7	818.30	66.96	311020	5711739	10930	67.70	1560.64	2472483
K	A	4	365.37	13.35	311068	5711859	10940	56.08	1545.81	2594403
K	B	7	828.17	68.59	310968	5712137	10940	59.36	1556.16	2599143
K	C	6	625.38	39.11	310929	5712273	10940	64.43	1547.59	2601333
K	D	4	402.05	16.16	309822	5715305	10940	63.41	1054.53	2650383
K	E	5	566.55	32.10	309617	5715910	10940	76.22	866.89	2658693
K	F	3	262.40	6.88	309403	5716446	10940	83.41	718.30	2666283
K	G	2	207.12	4.29	309301	5716741	10940	73.21	682.73	2670813
K	H	5	506.46	25.65	309071	5717408	10940	71.99	460.50	2682753
K	I	2	144.65	2.09	308972	5717634	10940	61.76	456.23	2686233
K	A	4	316.25	10.00	309534	5716372	10950	61.74	728.31	220023
K	B	5	548.41	30.07	309699	5715936	10950	71.04	846.36	227763
K	C	7	722.46	52.20	309878	5715503	10950	74.54	1006.41	234573
K	D	6	616.08	37.95	309945	5715327	10950	63.34	1052.59	237093
K	E	5	502.66	25.27	311067	5712204	10950	80.05	1507.85	280293
K	F	4	425.42	18.10	311157	5711997	10950	76.43	1504.10	282843
K	G	2	153.38	2.35	311220	5711774	10950	73.15	1547.59	285933
N	A	2	110.66	1.22	311472	5711365	10961	57.23	1573.17	440043
K	B	2	110.66	1.22	311447	5711456	10961	63.48	1568.86	441453
K	C	1	74.05	0.55	311403	5711582	10961	68.77	1536.80	443643
K	D	2	137.00	1.88	311278	5711955	10961	59.07	1534.12	450153
K	E	6	606.64	36.80	311186	5712169	10961	53.33	1479.75	454353
K	F	5	527.52	27.83	311094	5712447	10961	78.67	1467.91	458913
K	A	5	557.01	31.03	310021	5715372	10962	63.50	1042.47	547473
K	B	7	830.05	68.90	309959	5715559	10962	76.84	964.18	550863

Anom ID	Anom Labels	Grade	Off Tau	Off Tau	Off Con	x	y	line	bird	dtm	emfid
K	C		2	223.50	5.00	309792	5716009	10962	81.12	821.90	558213
K	A		2	176.92	3.13	309282	5717626	10970	77.97	448.94	613533
K	B		2	201.89	4.08	309401	5717361	10970	71.91	488.35	617973
K	C		6	655.47	42.96	309940	5715946	10970	71.38	802.80	641673
K	D		7	1057.82	111.90	310030	5715700	10970	74.60	900.71	645933
K	E		7	907.92	82.43	310060	5715579	10970	64.13	974.53	648543
K	F		6	623.13	38.83	310130	5715370	10970	71.43	1045.12	652293
K	G		7	762.45	58.13	311250	5712281	10970	82.04	1445.42	690183
K	H		5	472.98	22.37	311316	5712094	10970	56.63	1504.38	692583
N	I		5	472.98	22.37	311342	5712013	10970	59.16	1521.58	693723
K	J		1	68.25	0.47	311496	5711603	10970	68.21	1538.39	698523
K	A		1	51.08	0.26	311570	5711697	10980	64.07	1528.43	780093
N	B		7	719.41	51.76	311433	5712094	10980	56.10	1501.97	786093
K	C		7	719.41	51.76	311404	5712162	10980	56.30	1490.12	787143
K	D		7	720.03	51.84	311329	5712373	10980	73.61	1445.10	790023
K	E		7	786.62	61.88	311274	5712569	10980	67.63	1428.72	792903
K	A		5	566.20	32.06	310232	5715369	10981	70.46	1046.38	861843
K	B		7	758.87	57.59	310144	5715603	10981	60.51	961.37	866283
K	C		7	787.12	61.95	310096	5715740	10981	76.66	891.56	868923
K	D		6	704.14	49.58	310043	5715896	10981	89.01	791.98	872043
K	E		6	618.19	38.22	309964	5716091	10981	82.75	742.20	875193
K	F		3	256.09	6.56	309549	5717258	10981	59.31	500.19	893613
K	A		3	244.86	6.00	309526	5717576	10990	82.58	450.72	905793
K	B		2	191.41	3.66	309745	5717025	10990	62.22	528.70	913443
K	C		3	238.71	5.70	309981	5716377	10990	67.49	707.96	922383
K	D		6	678.17	45.99	310128	5715974	10990	58.55	845.22	928923
K	E		7	802.49	64.40	310173	5715864	10990	60.22	885.88	931143
K	F		6	658.65	43.38	310356	5715332	10990	62.16	1051.12	940023
K	G		5	532.09	28.31	311340	5712624	10990	77.01	1432.03	977403
K	H		5	545.64	29.77	311514	5712167	10990	73.75	1472.83	982683
N	I		5	545.64	29.77	311553	5712049	10990	71.17	1481.15	984033
K	J		1	86.76	0.75	311677	5711693	10990	64.97	1525.61	988173
K	A		2	189.78	3.60	311686	5711958	11000	61.03	1475.66	1062033
K	B		4	351.17	12.33	311620	5712153	11000	63.85	1461.13	1064973
K	C		4	398.27	15.86	311564	5712294	11000	61.75	1466.97	1067133
K	D		7	755.31	57.05	311521	5712395	11000	61.75	1469.02	1068723
K	E		7	793.61	62.98	311463	5712546	11000	57.78	1465.17	1071453
K	F		6	679.66	46.19	311370	5712839	11000	67.71	1406.06	1076253
K	G		5	557.01	31.03	310452	5715362	11000	69.80	1040.55	1114923
K	H		4	446.91	19.97	310390	5715514	11000	80.72	992.69	1117323
K	I		3	308.83	9.54	310316	5715724	11000	67.70	971.69	1121073
K	J		6	608.19	36.99	310229	5715971	11000	65.55	890.99	1125903
K	K		3	313.94	9.86	310114	5716250	11000	69.52	756.11	1131483
K	L		2	192.41	3.70	310011	5716582	11000	69.40	666.15	1137153
K	M		3	291.82	8.52	309792	5717155	11000	68.79	516.23	1146903
K	A		3	224.30	5.03	309769	5717603	11010	88.81	448.15	1158963
K	B		4	339.43	11.52	309885	5717181	11010	66.21	514.17	1165803
K	C		3	246.91	6.10	310104	5716668	11010	63.60	648.82	1172913
K	D		4	338.50	11.46	310176	5716370	11010	78.00	745.39	1177293
K	E		4	411.02	16.89	310269	5716150	11010	61.64	869.78	1181283
K	F		4	367.98	13.54	310356	5715979	11010	65.01	944.28	1184553



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	G	3	291.26	8.48	310423	5715743	11010	57.90	1000.80	1188903
K	H	4	321.85	10.36	310485	5715574	11010	64.94	1019.52	1191093
K	I	5	475.27	22.59	310599	5715286	11010	72.76	1052.46	1194723
K	J	3	316.21	10.00	311427	5712974	11010	72.12	1396.32	1228203
K	K	7	799.48	63.92	311608	5712482	11010	64.49	1461.05	1234533
K	L	5	484.69	23.49	311689	5712271	11010	66.51	1466.51	1236903
K	M	2	216.92	4.71	311807	5711953	11010	66.41	1471.93	1240503
K	A	6	696.51	48.51	311846	5712115	11020	72.11	1465.92	1309413
K	B	7	754.50	56.93	311769	5712310	11020	62.52	1471.46	1313193
K	C	7	734.97	54.02	311668	5712594	11020	65.24	1461.00	1318743
K	D	5	499.88	24.99	311443	5713239	11020	84.19	1334.76	1329513
K	E	6	641.54	41.16	310642	5715408	11020	62.68	1043.44	1362873
K	F	4	386.74	14.96	310568	5715599	11020	72.01	1024.50	1365543
K	G	3	225.14	5.07	310487	5715819	11020	71.24	996.48	1368633
K	H	3	262.46	6.89	310389	5716101	11020	62.90	903.39	1375353
K	I	4	319.07	10.18	310368	5716156	11020	64.38	879.07	1376643
K	J	6	651.54	42.45	310238	5716542	11020	69.02	697.08	1384233
K	K	4	338.04	11.43	310186	5716668	11020	67.10	650.98	1387083
K	L	2	179.86	3.23	310135	5716789	11020	79.40	597.26	1389693
K	C	1	99.05	0.98	310151	5717529	11030	75.49	470.16	1414413
K	D	3	293.80	8.63	310259	5717039	11030	66.29	574.42	1422603
K	E	7	921.15	84.85	310359	5716710	11030	73.39	656.68	1427223
K	F	7	723.98	52.41	310434	5716522	11030	79.24	717.25	1429863
N	G	2	105.19	1.11	310543	5716261	11030	63.77	860.38	1435683
K	I	6	705.76	49.81	310843	5715500	11030	75.86	1037.83	1446963
K	A	7	781.56	61.08	311677	5713179	11031	69.72	1397.79	1514013
K	B	5	532.95	28.40	311787	5712840	11031	68.49	1487.85	1518573
K	C	6	641.50	41.15	311899	5712567	11031	70.35	1534.15	1522263
K	D	6	628.27	39.47	311935	5712473	11031	66.68	1535.48	1523313
K	E	7	805.99	64.96	312014	5712234	11031	71.31	1493.25	1526163
K	F	6	659.80	43.53	312086	5712010	11031	66.48	1487.86	1528923
K	G	7	797.29	63.57	312201	5711707	11031	78.15	1479.56	1532913
K	H	5	470.65	22.15	312317	5711394	11031	76.24	1484.61	1536903
K	B	7	737.53	54.40	312436	5711632	11040	65.34	1537.45	1554663
K	C	6	656.58	43.11	312354	5711854	11040	71.49	1532.04	1557663
K	D	6	673.43	45.35	312249	5712139	11040	68.98	1543.10	1561893
K	E	6	611.48	37.39	312204	5712276	11040	72.14	1557.52	1564083
K	F	4	383.25	14.69	312097	5712569	11040	67.29	1569.01	1568613
K	G	4	382.69	14.65	311848	5713271	11040	65.89	1408.87	1580973
K	H	2	122.86	1.51	311695	5713690	11040	72.84	1310.54	1588293
K	I	1	87.62	0.77	311617	5713902	11040	76.77	1257.20	1591803
K	J	5	464.99	21.62	311043	5715440	11040	88.42	1098.94	1615563
K	K	4	360.62	13.01	310986	5715603	11040	81.58	1063.53	1618023
K	L	5	494.22	24.43	310930	5715775	11040	69.90	1034.23	1620573
K	M	4	317.00	10.05	310625	5716637	11040	64.51	723.63	1636833
K	N	4	404.94	16.40	310402	5717209	11040	73.54	575.89	1646103
K	A	2	129.91	1.69	310796	5716725	11050	65.60	731.46	1675923
K	B	4	383.93	14.74	311115	5715906	11050	70.44	1042.61	1688403
K	C	4	329.94	10.89	311852	5713851	11050	66.79	1275.44	1715133
K	D	4	338.43	11.45	311966	5713555	11050	59.73	1386.25	1719903
K	E	5	479.27	22.97	312070	5713283	11050	58.55	1451.68	1723653



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	F	2	135.21	1.83	312148	5713037	11050	64.14	1501.48	1726953
K	G	1	65.30	0.43	312398	5712411	11050	69.28	1671.91	1735323
K	A	6	624.86	39.05	311233	5716157	11060	60.96	1019.05	560013
K	B	6	614.64	37.78	311303	5715979	11060	67.31	1054.22	564093
K	C	6	670.69	44.98	312079	5713770	11060	68.44	1298.40	607683
K	D	6	631.76	39.91	312242	5713338	11060	63.22	1429.15	616683
K	E	3	293.49	8.61	312308	5713159	11060	65.51	1495.25	621543
K	F	4	359.97	12.96	312394	5712920	11060	56.24	1551.65	626613
K	G	6	617.36	38.11	312481	5712719	11060	73.50	1619.73	630963
K	B	6	601.07	36.13	312553	5713113	11070	81.98	1475.39	649953
K	C	7	1023.71	104.80	312367	5713628	11070	73.35	1316.32	657213
K	D	7	1128.47	127.35	311437	5716172	11070	85.72	1004.27	693903
K	A	7	1036.85	107.51	311617	5716270	11080	67.80	982.34	756033
K	B	6	702.52	49.35	312596	5713546	11080	66.76	1346.49	800523
K	A	4	346.62	12.02	311678	5716634	11090	73.99	892.31	853773
K	B	5	523.80	27.44	311613	5716841	11090	76.28	795.07	857883
K	A	3	249.95	6.25	311568	5717508	11100	57.33	568.82	882573
K	B	5	589.17	34.71	311725	5717152	11100	52.61	737.37	891453
K	C	4	403.32	16.27	311757	5717081	11100	55.41	768.04	893883
K	A	2	195.99	3.84	317571	5719482	11150	59.43	818.12	365403
K	B	4	355.82	12.66	317717	5719107	11150	62.70	838.33	370983
K	C	4	345.41	11.93	317908	5718539	11150	52.40	877.90	379083
K	D	7	738.46	54.53	317940	5718457	11150	54.29	901.47	380343
K	E	5	569.07	32.38	318003	5718299	11150	69.79	952.91	383283
K	F	7	877.79	77.05	318057	5718151	11150	54.57	1048.19	387453
K	G	6	606.12	36.74	318178	5717797	11150	60.72	1174.26	396543
K	H	4	428.81	18.39	318290	5717519	11150	56.59	1246.70	400683
K	A	3	310.61	9.65	318342	5717634	11160	66.42	1227.33	425763
K	B	5	486.94	23.71	318316	5717710	11160	67.11	1185.65	427473
K	C	4	388.52	15.10	318191	5718068	11160	73.40	1096.16	434163
K	D	5	487.55	23.77	318144	5718192	11160	70.70	1026.84	436413
K	E	4	396.28	15.70	318067	5718394	11160	78.15	917.67	439593
K	F	5	468.01	21.90	318003	5718572	11160	69.34	875.26	441993
K	G	3	253.05	6.40	317953	5718711	11160	64.81	861.58	443883
K	H	4	334.59	11.20	317734	5719281	11160	67.57	853.90	453063
K	I	2	174.00	3.03	317666	5719478	11160	57.04	842.33	455673
K	A	1	79.90	0.64	317664	5719786	11170	58.02	814.09	474573
K	B	3	224.40	5.04	317764	5719534	11170	58.97	865.03	478983
K	C	5	540.87	29.25	317893	5719167	11170	59.54	876.00	484593
K	D	4	436.31	19.04	318036	5718765	11170	58.38	855.67	491373
K	E	7	1552.74	241.10	318116	5718556	11170	62.94	903.97	494613
K	F	7	843.69	71.18	318239	5718237	11170	59.74	1022.32	500343
K	G	6	656.80	43.14	318306	5718062	11170	65.84	1090.97	504213
K	H	7	1341.91	180.07	318373	5717877	11170	68.63	1145.38	507663
K	I	7	1070.96	114.69	318418	5717752	11170	60.45	1196.62	509763
K	J	7	880.98	77.61	318443	5717685	11170	48.99	1250.71	511503
K	A	7	1236.38	152.86	318553	5717591	11180	55.98	1282.93	539223
K	B	6	699.83	48.98	318519	5717721	11180	65.48	1247.59	542133
K	C	7	823.53	67.82	318486	5717826	11180	71.88	1175.20	544593
K	D	5	477.53	22.80	318378	5718118	11180	83.15	1061.85	549213
K	E	4	425.54	18.11	318303	5718324	11180	69.53	1002.69	552423



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	F	4	356.20	12.69	318166	5718695	11180	81.06	879.81	557163
K	G	6	613.08	37.59	317961	5719223	11180	75.76	882.83	564933
K	H	5	483.00	23.33	317859	5719530	11180	70.45	885.13	569373
K	I	3	282.19	7.96	317828	5719630	11180	67.36	870.09	571203
K	J	1	77.39	0.60	317755	5719855	11180	71.09	820.15	576453
K	A	4	377.20	14.23	317817	5719936	11190	45.85	825.03	613203
K	B	7	916.53	84.00	317979	5719517	11190	67.64	913.35	623403
K	C	5	590.40	34.86	318094	5719208	11190	69.17	893.41	627663
K	D	7	1145.54	131.23	318262	5718742	11190	77.01	890.32	634383
K	E	7	960.43	92.24	318326	5718590	11190	78.17	935.05	636843
K	F	7	990.75	98.16	318483	5718147	11190	65.71	1088.63	645213
K	G	7	1416.34	200.60	318595	5717839	11190	60.46	1209.34	651753
K	H	7	968.73	93.84	318655	5717694	11190	58.82	1263.99	655263
K	A	3	257.10	6.61	318713	5717770	11200	57.62	1268.95	680823
K	B	5	500.48	25.05	318668	5717911	11200	73.12	1197.02	684003
K	C	5	456.73	20.86	318622	5718045	11200	68.21	1143.57	686583
K	D	5	569.88	32.48	318540	5718263	11200	62.99	1082.29	690303
K	E	4	323.42	10.46	318390	5718691	11200	75.52	916.70	697323
K	F	5	458.18	20.99	318346	5718819	11200	68.12	878.75	699153
K	G	4	390.63	15.26	318261	5719041	11200	69.93	868.76	702513
K	H	6	609.88	37.20	318090	5719462	11200	73.02	931.97	709593
K	I	7	1020.80	104.20	318042	5719619	11200	55.64	948.80	712173
K	A	5	560.22	31.38	317975	5720088	11210	58.02	785.59	732063
K	B	7	745.16	55.53	318178	5719586	11210	61.11	977.80	744303
K	C	7	892.52	79.66	318212	5719473	11210	56.67	961.00	746223
K	D	7	1073.22	115.18	318350	5719068	11210	72.14	876.19	751953
K	E	7	1493.54	223.07	318444	5718851	11210	58.20	895.68	754953
K	F	7	1122.36	125.97	318521	5718655	11210	64.15	962.04	758373
K	G	7	2302.46	530.13	318623	5718345	11210	68.66	1087.38	763113
K	H	7	2117.50	448.38	318702	5718152	11210	61.93	1162.37	766143
K	I	7	1128.65	127.39	318759	5718023	11210	66.81	1216.92	768003
K	J	5	582.37	33.92	318779	5717966	11210	67.51	1257.92	769173
K	K	7	717.40	51.47	318861	5717754	11210	63.99	1314.78	772893
K	A	6	676.00	45.70	318846	5717971	11220	61.97	1293.54	799623
K	B	4	352.28	12.41	318816	5718046	11220	87.06	1219.45	801723
K	C	5	572.70	32.80	318798	5718097	11220	72.31	1201.89	802893
K	D	3	302.81	9.17	318683	5718462	11220	107.51	1039.19	809463
K	E	4	442.96	19.62	318571	5718746	11220	81.14	955.51	815193
K	F	7	1586.94	251.84	318440	5719125	11220	67.00	880.57	820353
K	G	7	1225.08	150.08	318296	5719500	11220	61.09	966.13	826203
K	H	7	1258.00	158.26	318249	5719629	11220	57.18	991.45	828213
K	I	7	3785.76	1433.19	318048	5720200	11220	87.87	752.97	838713
K	A	5	513.04	26.32	318137	5720224	11230	57.16	768.93	848193
K	B	5	569.66	32.45	318374	5719609	11230	57.99	985.27	867003
K	C	7	823.28	67.78	318434	5719444	11230	55.33	960.23	869733
K	D	3	270.91	7.34	318541	5719113	11230	81.13	881.58	874113
K	E	7	879.74	77.39	318681	5718800	11230	67.13	961.34	879003
K	F	7	1076.69	115.93	318703	5718738	11230	54.98	990.53	880023
K	G	7	1094.00	119.68	318792	5718484	11230	72.38	1070.47	884313
K	H	4	426.89	18.22	318883	5718231	11230	69.32	1214.50	889713
K	I	7	926.07	85.76	318949	5718067	11230	72.05	1295.11	892803



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	A	6	629.48	39.63	319002	5718129	11240	64.48	1294.78	922983
K	B	4	393.05	15.45	318959	5718235	11240	83.99	1241.35	925203
K	C	2	140.36	1.97	318922	5718345	11240	86.29	1182.94	927303
K	D	5	498.49	24.85	318848	5718579	11240	90.45	1041.35	931083
K	E	4	371.05	13.77	318729	5718894	11240	87.94	941.68	935943
K	F	7	891.87	79.54	318569	5719299	11240	58.00	912.57	941763
K	G	7	821.04	67.41	318494	5719544	11240	47.82	987.14	945963
K	H	7	1508.30	227.50	318233	5720268	11240	86.42	774.16	960783
K	A	7	1825.30	333.17	318333	5720258	11250	61.52	817.27	969603
K	B	2	187.54	3.52	318390	5720143	11250	48.48	908.59	973653
K	C	6	696.28	48.48	318435	5720035	11250	52.88	963.36	977553
K	D	3	276.82	7.66	318577	5719658	11250	54.97	996.66	984363
K	E	7	757.43	57.37	318658	5719446	11250	69.94	937.55	988143
K	F	7	1904.13	362.57	318864	5718878	11250	64.51	973.62	996123
K	G	7	1353.96	183.32	318971	5718601	11250	66.92	1072.62	1001193
K	H	7	855.84	73.25	319033	5718436	11250	61.88	1187.75	1006293
K	I	7	774.36	59.96	319075	5718320	11250	61.48	1286.18	1009893
K	A	4	412.57	17.02	304270	5717209	19010	68.78	636.83	1119153
K	B	3	255.44	6.53	305688	5717751	19010	62.28	445.63	1139313
K	A	4	324.51	10.53	308127	5717560	19020	70.41	445.25	430773
K	B	7	720.29	51.88	306268	5716873	19020	66.92	582.75	461643
K	C	5	513.18	26.34	306183	5716847	19020	76.68	583.54	463203
K	A	2	111.50	1.24	303394	5714774	19030	60.07	1235.90	825153
K	B	2	123.81	1.53	304232	5715069	19030	62.13	1046.55	837063
K	C	3	264.30	6.99	305103	5715394	19030	75.95	798.63	848733
K	D	6	670.87	45.01	305582	5715567	19030	79.45	791.66	856563
K	E	6	613.14	37.59	305868	5715677	19030	56.87	761.05	860763
K	F	6	648.54	42.06	306187	5715787	19030	58.73	760.40	865473
K	G	5	499.66	24.97	306409	5715874	19030	73.69	712.60	868593
K	H	6	656.99	43.16	306597	5715933	19030	82.24	681.32	871203
K	I	5	517.12	26.74	307348	5716214	19030	68.36	723.47	882183
K	J	7	786.92	61.92	307491	5716262	19030	57.42	714.56	884223
K	K	4	433.47	18.79	307780	5716359	19030	62.31	705.76	888573
K	L	6	600.75	36.09	308004	5716444	19030	63.63	698.11	891993
K	M	4	368.98	13.61	308328	5716576	19030	65.62	674.17	896793
K	N	6	700.76	49.11	308828	5716751	19030	69.62	648.03	906093
K	O	7	906.18	82.12	308926	5716785	19030	57.54	630.78	907683
K	P	7	723.12	52.29	309227	5716897	19030	70.14	600.92	912543
K	Q	3	273.47	7.48	309755	5717073	19030	55.61	521.48	920223
K	R	4	410.65	16.86	309878	5717130	19030	64.87	519.86	922053
K	S	5	485.48	23.57	310258	5717279	19030	60.30	537.09	928263
K	T	2	162.47	2.64	311577	5717779	19030	61.38	502.74	948033
K	U	3	257.63	6.64	312780	5718176	19030	63.81	542.74	965073
K	V	3	308.98	9.55	315283	5719093	19030	57.11	614.30	1003533
K	W	4	346.48	12.01	315659	5719229	19030	60.10	618.28	1008873
K	X	4	382.49	14.63	315852	5719301	19030	60.73	625.52	1011573
K	Y	2	171.39	2.94	316207	5719432	19030	64.78	623.77	1016493
K	Z	5	494.42	24.45	316493	5719524	19030	73.16	630.20	1020183
K	AA	5	511.26	26.14	318052	5720115	19030	71.51	784.09	1042203
K	AB	7	710.83	50.53	318376	5720232	19030	67.69	835.84	1046973
K	A	2	114.37	1.31	303358	5714766	19031	72.68	1238.99	1211703



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	A	5	528.71	27.95	310393	5716261	19040	64.27	839.03	2148573
K	B	4	443.66	19.68	310086	5716139	19040	59.55	784.66	2154003
K	C	4	446.90	19.97	309950	5716098	19040	73.38	734.80	2156403
K	D	5	464.47	21.57	309818	5716056	19040	59.91	810.37	2160363
K	E	5	468.76	21.97	309676	5716003	19040	61.08	834.12	2163273
K	F	6	634.58	40.27	309235	5715831	19040	53.93	903.41	2170083
K	G	5	454.00	20.61	308732	5715641	19040	62.38	908.32	2176983
K	H	5	504.46	25.45	308427	5715544	19040	55.94	912.84	2180853
K	I	4	379.87	14.43	308192	5715461	19040	64.24	908.35	2183943
K	J	4	420.76	17.70	307323	5715130	19040	66.56	922.15	2196723
K	K	4	416.40	17.34	307212	5715095	19040	76.42	850.08	2198973
K	L	5	531.39	28.24	305825	5714583	19040	60.14	1045.95	2220963
K	M	6	674.76	45.53	305711	5714556	19040	54.91	1027.87	2222823
K	N	7	810.97	65.77	305350	5714431	19040	53.42	1018.61	2228043
K	O	3	247.99	6.15	305052	5714307	19040	63.42	1040.95	2234163
K	P	2	196.47	3.86	304940	5714253	19040	63.14	1081.96	2236533
K	E	4	393.29	15.47	318809	5718235	19050	73.29	1175.07	1094253
K	F	4	349.90	12.24	318737	5718208	19050	56.58	1161.78	1095903
K	G	7	1024.96	105.05	318575	5718156	19050	59.21	1128.21	1099023
K	H	5	582.31	33.91	318340	5718081	19050	67.90	1087.63	1103523
K	I	7	956.72	91.53	317750	5717850	19050	79.39	1128.43	1112703
K	J	7	709.12	50.29	317637	5717806	19050	63.92	1165.50	1114443
K	K	2	201.19	4.05	316839	5717536	19050	68.09	1192.22	1125183
K	L	2	217.39	4.73	316509	5717416	19050	75.15	1183.94	1129473
K	M	2	141.90	2.01	316319	5717341	19050	79.50	1132.15	1132173
K	N	6	667.44	44.55	315868	5717167	19050	59.31	987.74	1138713
K	O	3	276.00	7.62	310767	5715328	19050	67.44	1084.08	1212903
K	P	4	399.86	15.99	310566	5715265	19050	76.52	1053.21	1215813
K	Q	3	240.36	5.78	309532	5714886	19050	63.77	1149.65	1231293
K	R	4	447.18	20.00	308809	5714623	19050	70.89	1153.50	1242573
K	S	6	665.74	44.32	307836	5714241	19050	63.87	1102.19	1257483
K	T	4	400.84	16.07	307702	5714205	19050	80.35	1026.53	1260603
K	U	5	457.81	20.96	306405	5713741	19050	59.12	1251.60	1282833
K	V	2	125.58	1.58	305326	5713357	19050	64.35	1190.02	1299183
K	W	3	236.05	5.57	304428	5713025	19050	70.20	1445.62	1316343
K	X	2	127.73	1.63	302165	5712184	19050	82.84	1477.64	1352193
K	A	2	126.61	1.60	305438	5712316	19060	66.62	1517.08	1459473
N	B	5	567.69	32.23	306797	5712832	19060	68.20	1352.80	1482423
K	C	5	567.69	32.23	306898	5712862	19060	53.81	1347.21	1484073
K	D	6	699.32	48.91	307037	5712906	19060	66.23	1329.84	1486053
K	E	7	741.07	54.92	307157	5712949	19060	72.01	1298.75	1487763
K	F	7	714.41	51.04	307675	5713133	19060	80.61	1127.65	1495533
K	G	6	630.44	39.75	307907	5713239	19060	77.97	1164.27	1499553
K	H	6	678.08	45.98	308024	5713275	19060	78.54	1217.35	1502073
K	I	6	658.90	43.41	308094	5713290	19060	57.26	1256.68	1503333
K	J	6	705.03	49.71	308494	5713424	19060	75.16	1359.59	1510563
K	K	6	670.23	44.92	308690	5713497	19060	74.77	1384.92	1513503
K	L	6	670.98	45.02	308842	5713554	19060	70.41	1386.99	1515693
K	M	5	547.90	30.02	308958	5713602	19060	65.68	1373.71	1517403
K	N	4	440.01	19.36	309165	5713692	19060	56.40	1388.47	1520433
K	O	5	500.62	25.06	309344	5713766	19060	72.79	1424.05	1523553



Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	P	5	512.21	26.24	309491	5713808	19060	61.88	1472.30	1526403
K	Q	1	54.77	0.30	316800	5716450	19060	60.96	1316.67	1636113
K	R	1	93.85	0.88	317481	5716704	19060	62.47	1310.79	1645533
K	S	1	74.05	0.55	317828	5716835	19060	66.35	1279.28	1650543
K	A	1	85.86	0.74	301968	5711060	19061	73.52	1341.16	1318893
K	B	2	167.40	2.80	302853	5711367	19061	73.00	1719.08	1341243
K	C	3	299.00	8.94	304215	5711878	19061	65.69	1687.70	1358643
K	A	7	810.95	65.76	312211	5713721	19070	65.70	1311.82	1772283
K	B	4	324.64	10.54	311947	5713625	19070	70.83	1374.57	1775913
K	C	2	111.22	1.24	311752	5713534	19070	62.08	1365.14	1778913
K	D	5	563.49	31.75	311399	5713437	19070	72.73	1316.93	1784913
K	E	5	568.97	32.37	309613	5712740	19070	68.38	1716.00	1811253
K	F	4	396.05	15.69	309425	5712692	19070	55.76	1662.10	1815393
K	G	5	522.92	27.34	309315	5712660	19070	52.63	1635.53	1817193
K	H	5	591.14	34.95	309151	5712611	19070	55.35	1584.50	1820043
K	I	5	534.64	28.58	308881	5712500	19070	70.35	1491.57	1824543
K	J	7	814.46	66.33	308374	5712335	19070	69.50	1341.68	1831143
K	K	7	872.86	76.19	308237	5712284	19070	58.68	1328.91	1832973
K	L	7	894.68	80.05	308018	5712204	19070	81.14	1304.65	1835913
K	M	7	833.73	69.51	307966	5712190	19070	68.72	1320.85	1836693
K	N	5	561.06	31.48	307772	5712118	19070	75.59	1374.98	1840113
K	O	2	107.39	1.15	307535	5712025	19070	68.28	1453.23	1843443
K	P	3	267.65	7.16	306094	5711487	19070	65.06	1722.73	1861683
K	Q	2	152.01	2.31	305573	5711295	19070	56.50	1710.53	1868223
K	R	1	56.99	0.33	305084	5711125	19070	48.03	1702.21	1874523
K	S	3	281.91	7.95	304250	5710821	19070	61.05	1652.44	1884903
K	T	5	456.81	20.87	302002	5709993	19070	62.30	1308.97	1914333
K	A	1	54.84	0.30	302359	5709063	19080	60.52	1425.64	1938783
K	B	4	427.80	18.30	303265	5709382	19080	52.98	1723.94	1957863
K	C	2	153.31	2.35	304916	5710006	19080	47.51	1818.25	1982853
K	D	2	167.93	2.82	305122	5710077	19080	46.25	1831.43	1985613
K	E	2	129.71	1.68	305337	5710157	19080	47.30	1831.78	1988373
K	F	2	144.67	2.09	305675	5710280	19080	50.58	1827.97	1993263
K	G	3	258.70	6.69	306132	5710451	19080	47.03	1829.00	2000223
K	H	4	325.55	10.60	306405	5710548	19080	46.82	1819.56	2004423
K	I	2	199.74	3.99	306580	5710608	19080	53.83	1807.39	2007033
K	J	4	438.02	19.19	306734	5710667	19080	45.49	1794.98	2009403
N	K	4	382.86	14.66	307194	5710837	19080	49.48	1736.45	2016273
K	L	4	382.86	14.66	307277	5710869	19080	66.82	1727.08	2017563
K	M	7	998.60	99.72	307424	5710928	19080	64.45	1688.53	2019993
K	N	7	813.52	66.18	307684	5711026	19080	56.50	1636.22	2023983
K	O	6	610.55	37.28	307930	5711106	19080	50.87	1574.62	2027553
K	P	7	821.31	67.45	308202	5711211	19080	63.62	1525.13	2031543
K	Q	7	848.91	72.06	308543	5711343	19080	67.72	1488.53	2036373
K	R	7	775.79	60.19	308841	5711441	19080	56.20	1493.25	2040393
K	S	5	524.25	27.48	309157	5711568	19080	56.45	1579.31	2045553
K	T	6	639.42	40.89	309633	5711725	19080	68.58	1624.81	2051523
K	U	4	327.78	10.74	309969	5711856	19080	60.12	1730.57	2057493
K	V	4	327.93	10.75	310165	5711920	19080	56.78	1740.36	2061663
K	W	2	184.96	3.42	310254	5711955	19080	70.61	1753.90	2063793
K	X	5	531.92	28.29	311085	5712232	19080	61.63	1498.29	2079963



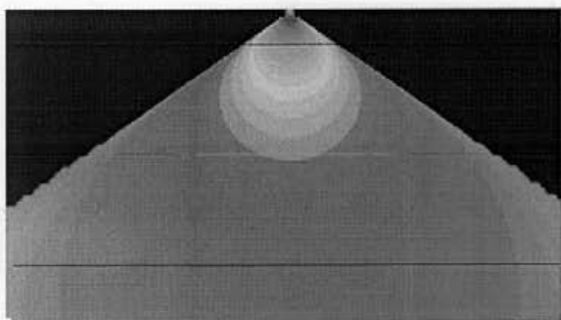
Anom ID	Anom Labels	Grade	Off Tau	Off Con	x	y	line	bird height	dtm	emfid
K	Y	6	648.82	42.10	311219	5712282	19080	79.28	1458.17	2081913
K	Z	6	657.34	43.21	311379	5712343	19080	53.24	1454.82	2084373
K	AA	7	785.10	61.64	311693	5712485	19080	82.72	1472.49	2089413
K	AB	5	507.52	25.76	311741	5712537	19080	85.30	1498.50	2090913
K	AC	5	549.55	30.20	311860	5712568	19080	80.94	1535.36	2094453
K	AD	4	364.96	13.32	312016	5712593	19080	66.97	1566.59	2096943
K	A	3	306.66	9.40	307396	5709844	19090	40.30	1838.73	520053
K	B	5	539.25	29.08	307531	5709896	19090	54.81	1837.74	522183
K	C	6	671.25	45.06	307756	5709975	19090	58.66	1828.41	525513
K	D	5	586.98	34.45	308054	5710080	19090	53.23	1816.26	529863
K	E	5	563.86	31.79	308576	5710271	19090	73.76	1720.08	536643
K	F	3	309.43	9.57	308734	5710335	19090	66.07	1697.96	538623
K	G	3	288.18	8.30	309385	5710562	19090	75.34	1593.77	546393
K	H	3	281.80	7.94	309692	5710676	19090	68.28	1544.97	550023
K	I	5	450.99	20.34	310073	5710815	19090	67.46	1516.57	554463
K	J	5	562.92	31.69	310399	5710940	19090	74.50	1508.94	558753
K	K	5	487.69	23.78	310640	5711016	19090	73.47	1479.81	562233
K	L	6	606.71	36.81	312319	5711647	19090	69.31	1497.25	585993
K	M	6	594.30	35.32	312435	5711689	19090	62.64	1544.99	588093

APPENDIX 4: AEROTEM DESIGN CONSIDERATIONS

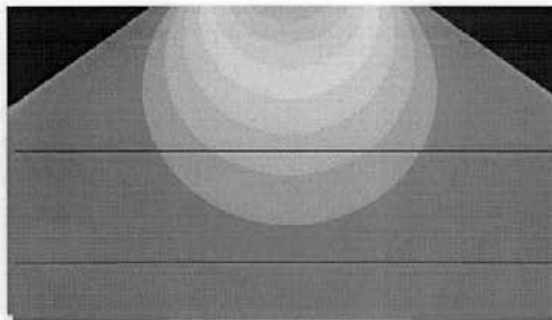
Helicopter-borne EM systems offer an advantage that cannot be matched from a fixed-wing platform. The ability to fly at slower speed and collect data with high spatial resolution, and with great accuracy, means the helicopter EM systems provide more detail than any other EM configuration, airborne or 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.

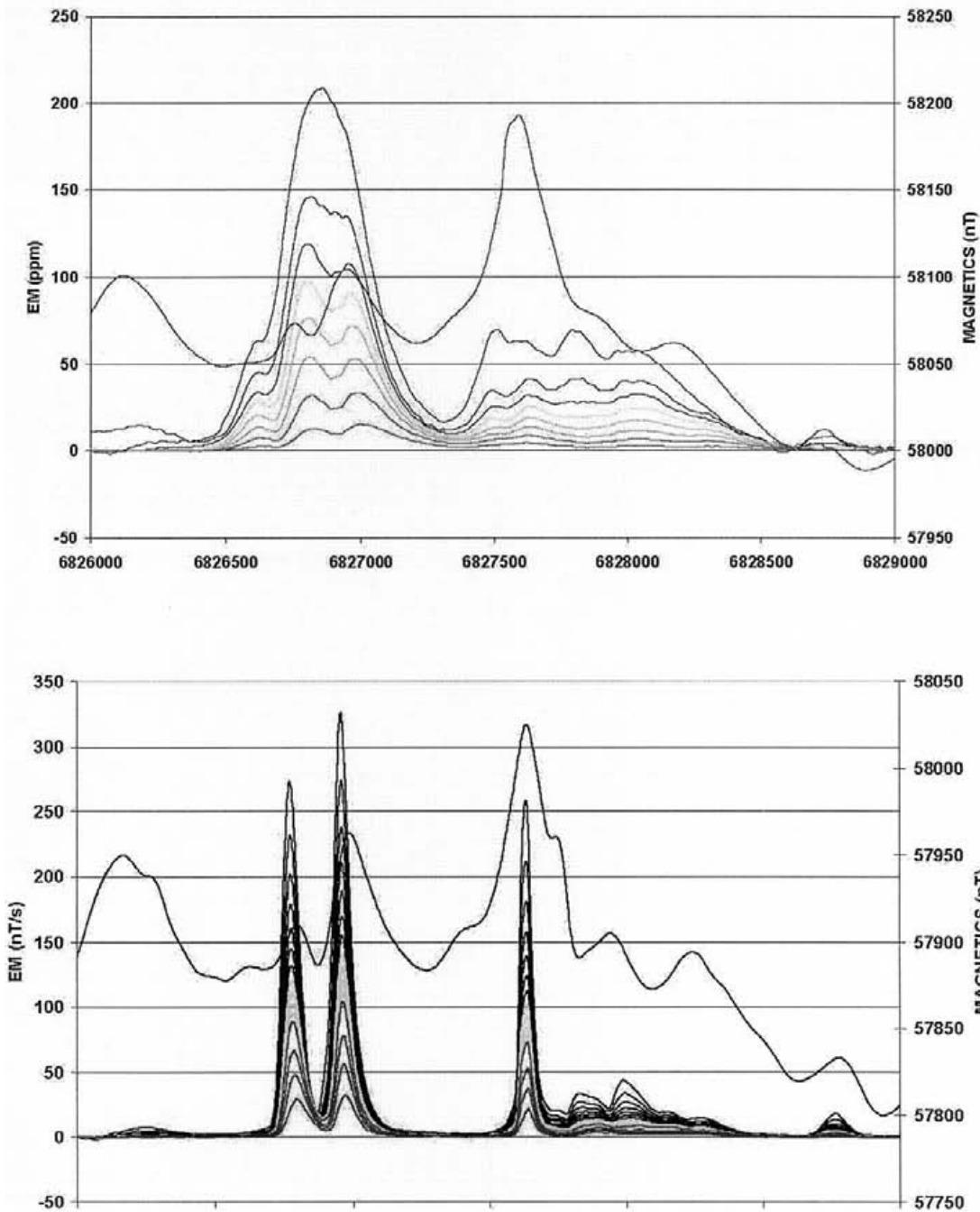


Figure 2. Fixed-wing (upper) and AeroTEM (lower) comparison over the eastern limit of the Mesamax Deposit, a Ni-Cu-PGE zone located in the Raglan nickel belt and owned by Canadian Royalties. Both systems detected the Deposit further to the west where it is closer to surface.

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.

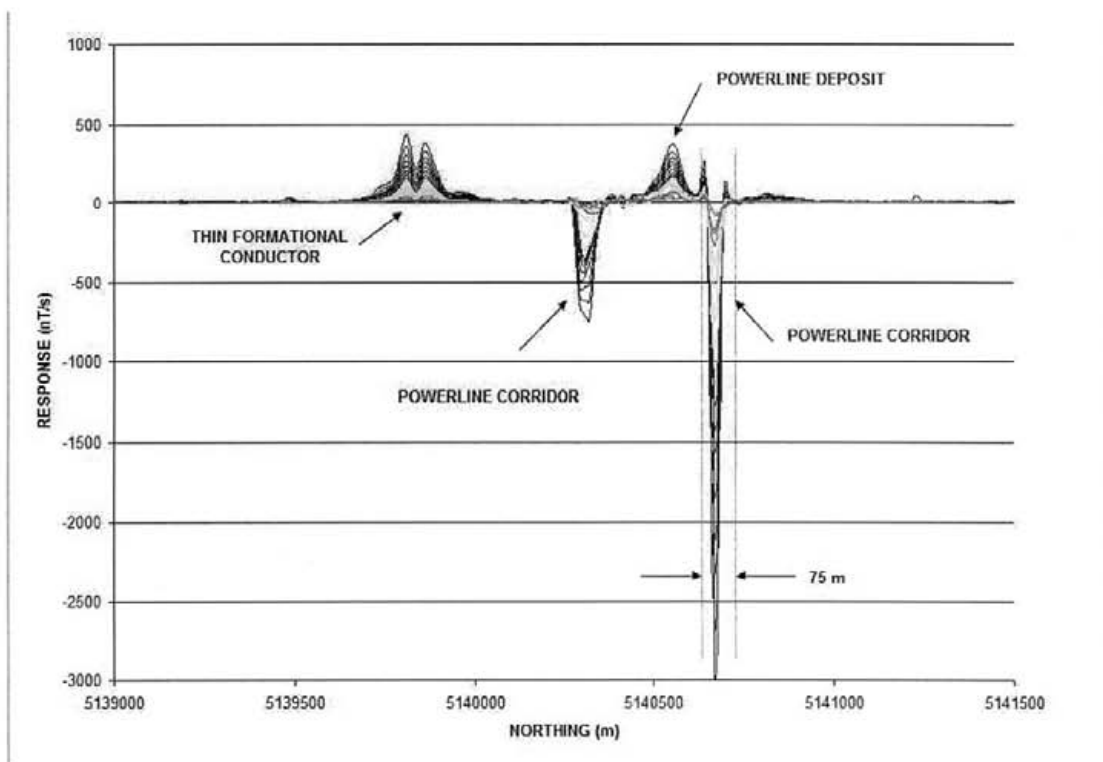


Figure 3. The Powerline Deposit is located between two major power line corridors, which make EM surveying problematic. Despite the strong response from the power line, the anomaly from the Deposit is clearly detected. Note the thin formational conductor located to the south. The only way to distinguish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

Advantage 2 – Conductance Discrimination

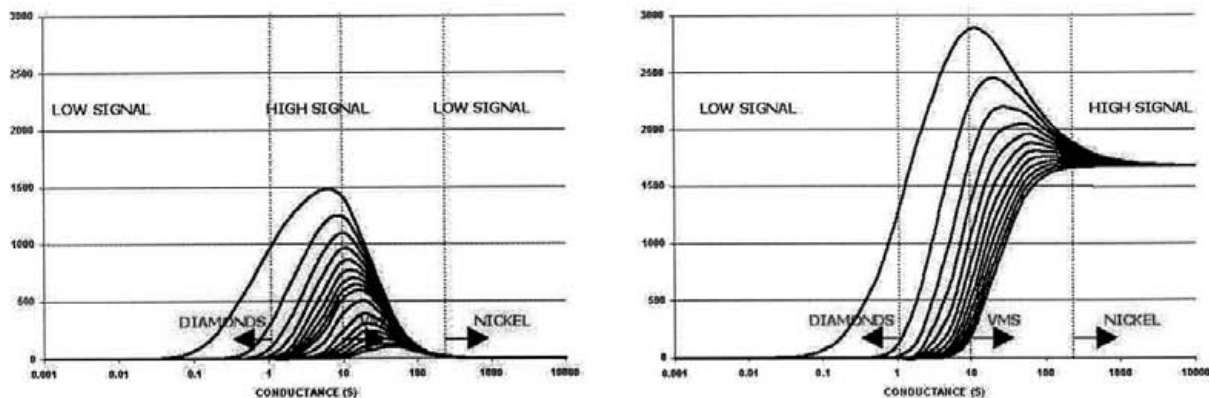
The AeroTEM system features full waveform recording and as such is able to measure the on-time response due to high conductance targets. Due to the processing method (primary field removal), there is attenuation of the response with increasing conductance, but the AeroTEM on-time measurement is still 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:

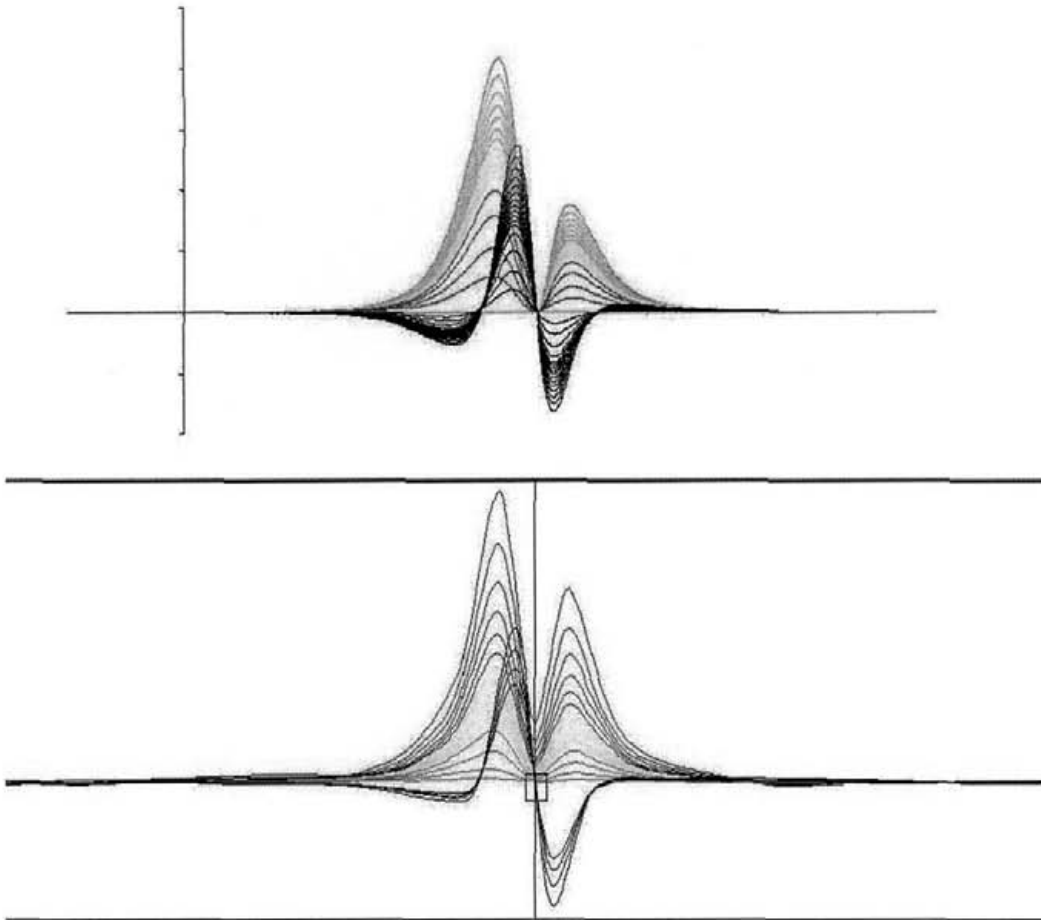


Figure 5. Measured (lower) and modeled (upper) AeroTEM responses are compared for a thin steeply dipping conductor. The response is characterized by two peaks in the Z-axis coil, and a cross-over in the X-axis coil that is centered between the two Z-axis peaks. The conductor dips toward the higher amplitude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

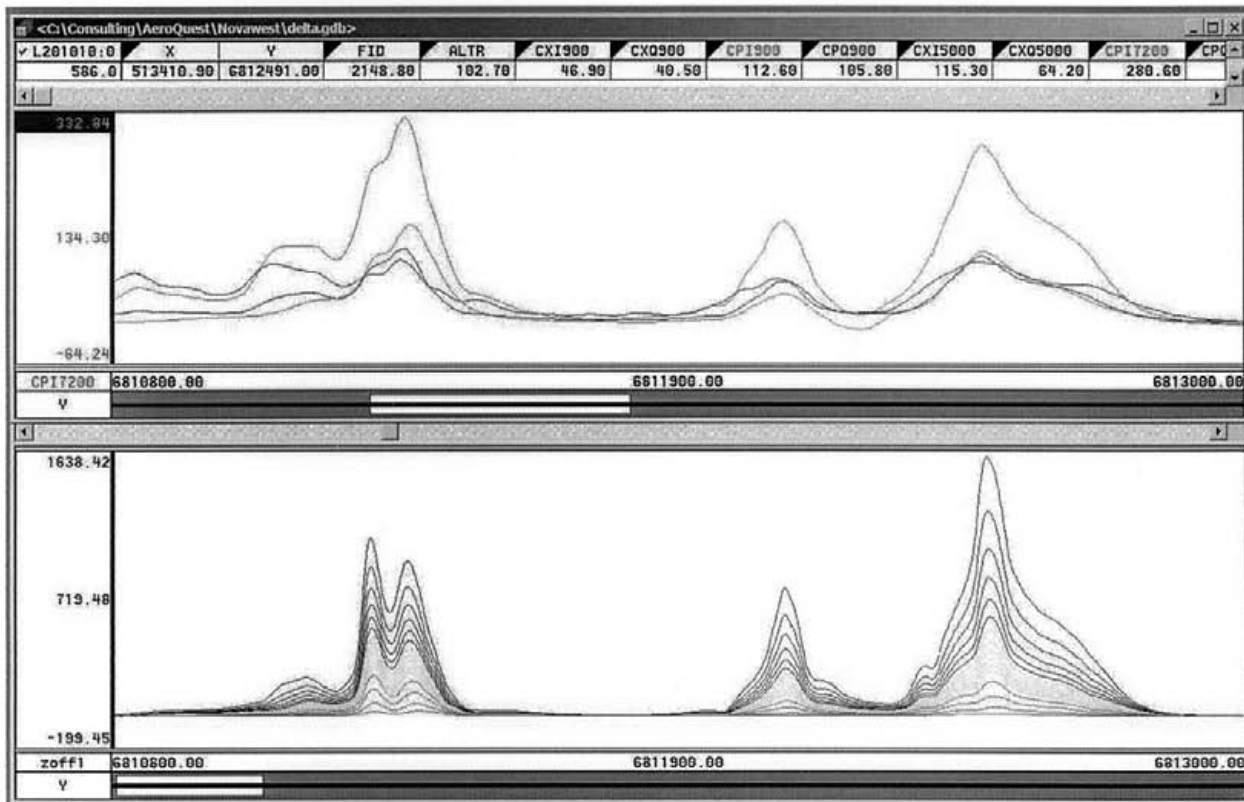


Figure 6. Comparison between Dighem HEM (upper) and AeroTEM (lower) surveys flown in the Raglan area. The AeroTEM responses appear to be more discrete, suggesting that the data is not as heavily filtered as the HEM data. The S/N advantage of AeroTEM over HEM is about 5:1.

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 5: AeroTEM Instrumentation Specification Sheet

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AEROTEM Helicopter Electromagnetic System

System Characteristics

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

Receiver

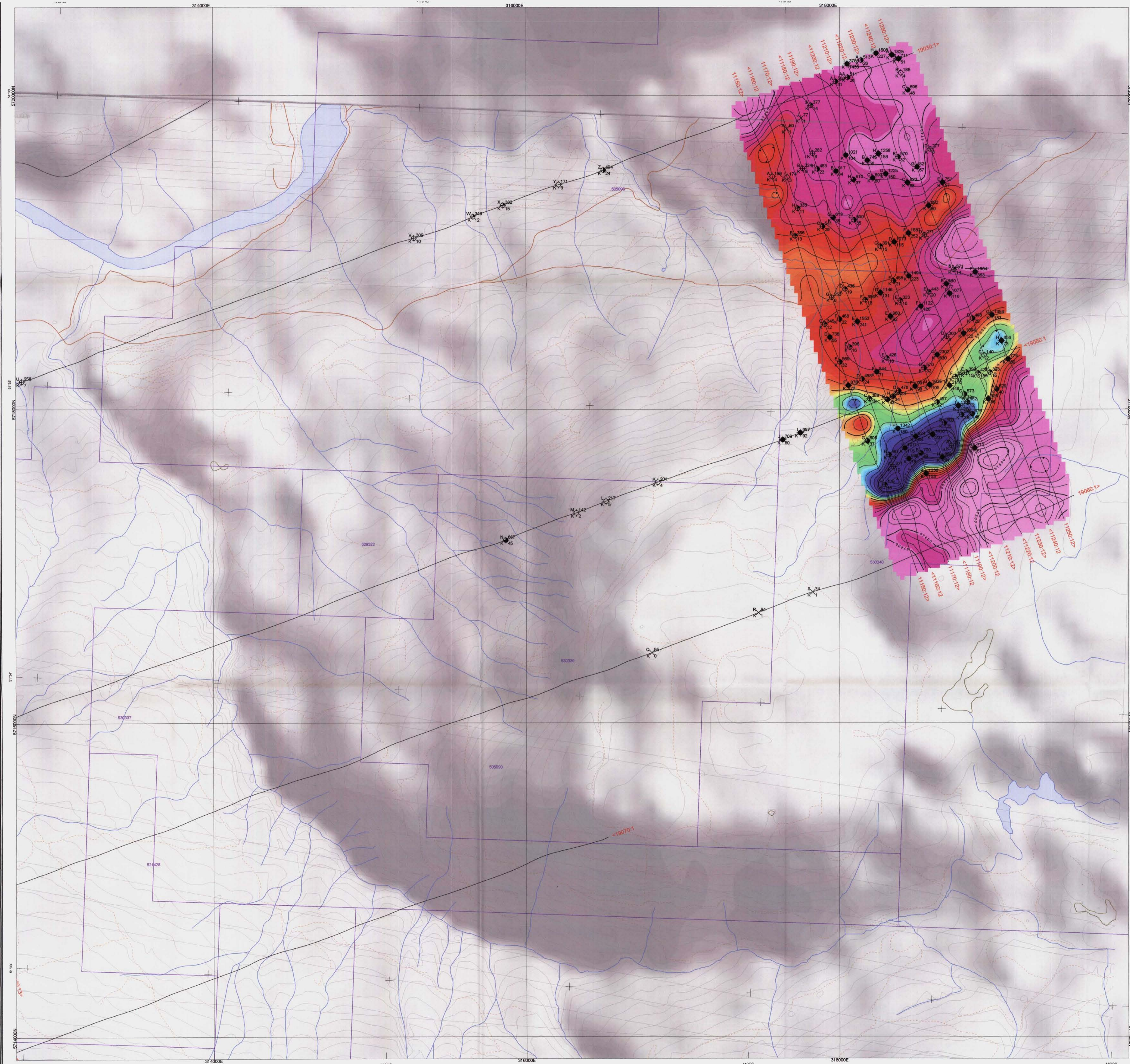
- Two Axis Receiver Coils (x, z) positioned at centre of transmitter loop

Display & Acquisition

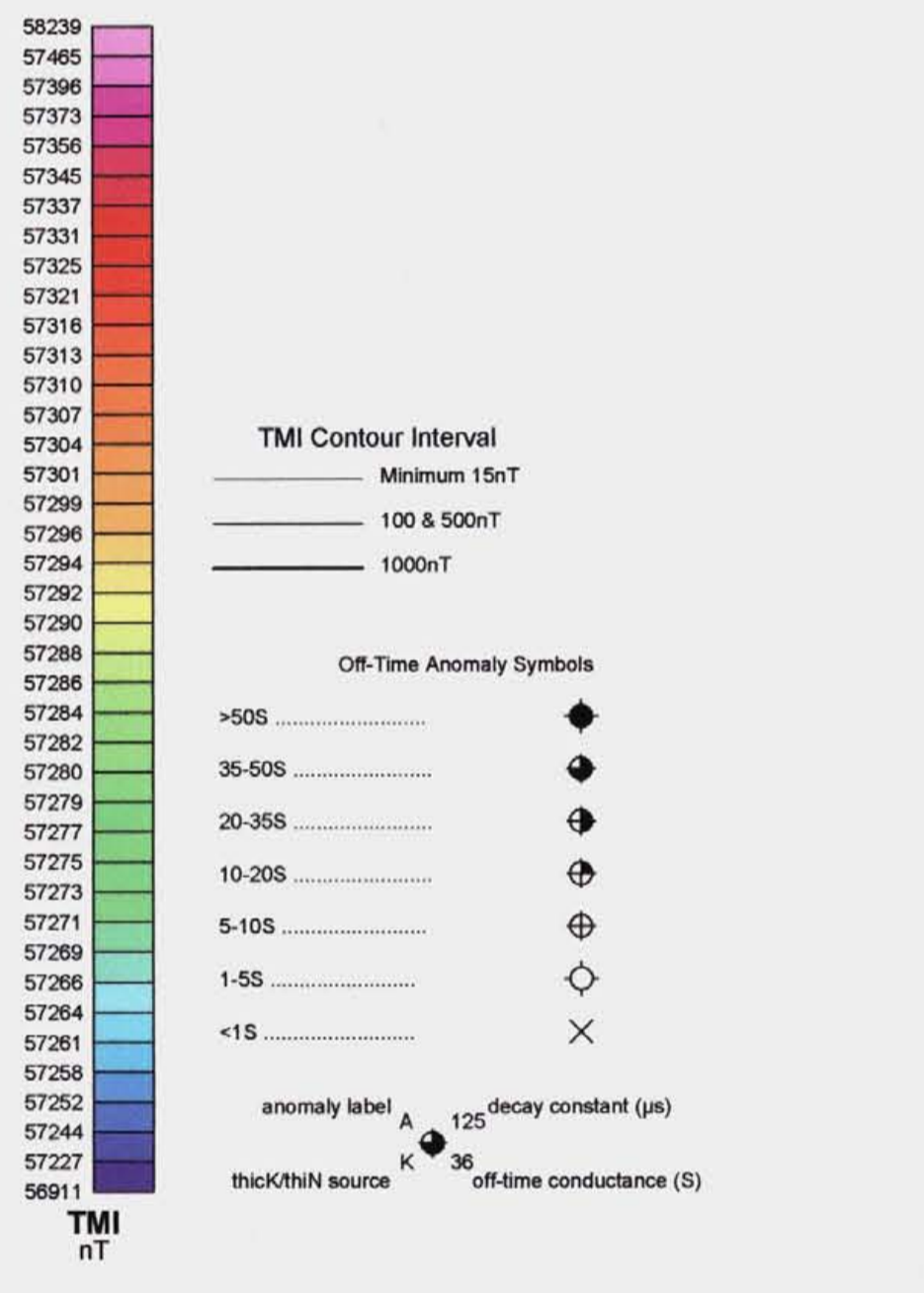
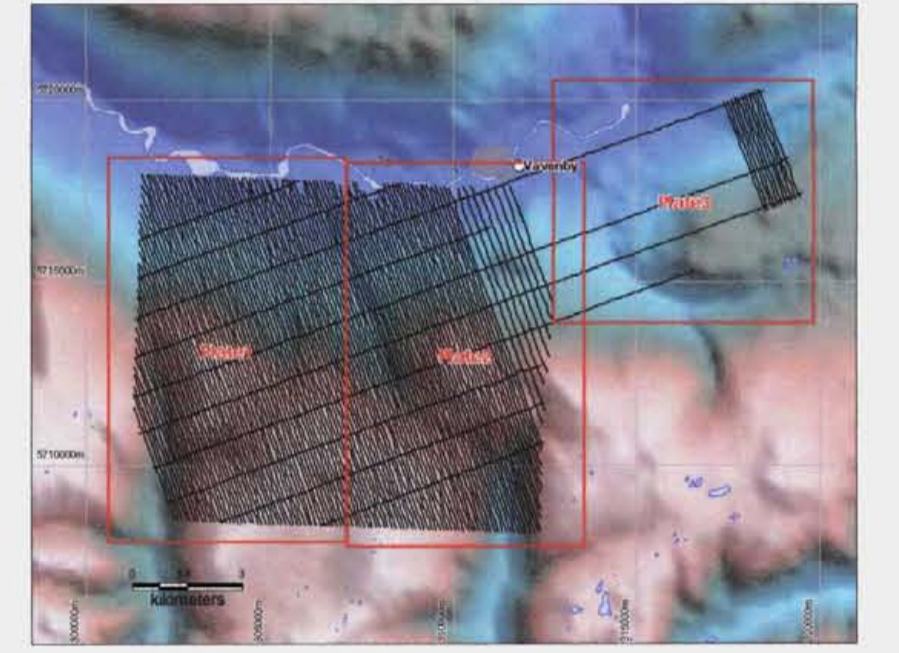
- PROTODAS Digital recording at 128 samples per decay curve at a maximum of 300 curves per second (26.455 μ s channel width)
- RMS Channel Widths: 52.9, 132.3, 158.7, 158.7, 317.5, 634.9 μ s
- Recording & Display Rate = 10 readings per second.
- On-board display - six channels Z-component and one X-component

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.



The topographic data base was supplied by the client
 Inset data derived from Natural Resources Canada 'Atlas of Canada Base Map'
 This map accompanies the technical report entitled 'Report on a Helicopter-Borne Magnetic and Electromagnetic Survey, Clearwater Property, British Columbia', by Aeroquest Limited, June 2006
 Grid North
 NAD83-Zone 11



SURVEY SPECIFICATIONS:
 Survey from: May 3-10, 2006
 Traverse line spacing: 100 & 200 metres
 Traverse line direction: NW-SE (340°)
 Nominal EM bird height: 30 metres
 Aircraft: Aerospatiale A-Star 350BA (C-GPTY)

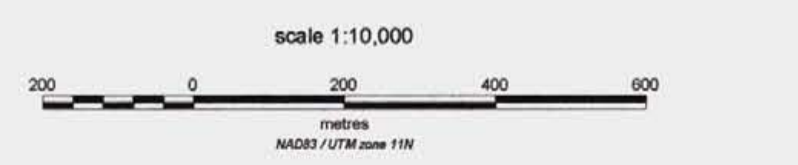
INSTRUMENTATION:
 Data acquisition: ADAS & RMS DGR-33
 Magnetometer: Geometrics G-823A cesium vapour
 Installation: Towed bird 17 m above EM bird
 Sensitivity: .001 nanoTesla
 Electromagnetics: AeroTEM II System (ECHO)
 Configuration: Towed bird

NAVIGATION:
 Navigation: Differential Global Positioning System (DGPS)
 Navigation equipment: AGNAV with MID-TECH RX-400p receiver
 Radar Altimeter: Terra TRA3000/TRI-30

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

POSITIONING
 Datum: NAD83
 Major Axis: 6378137.000
 Eccentricity: 0.081819191

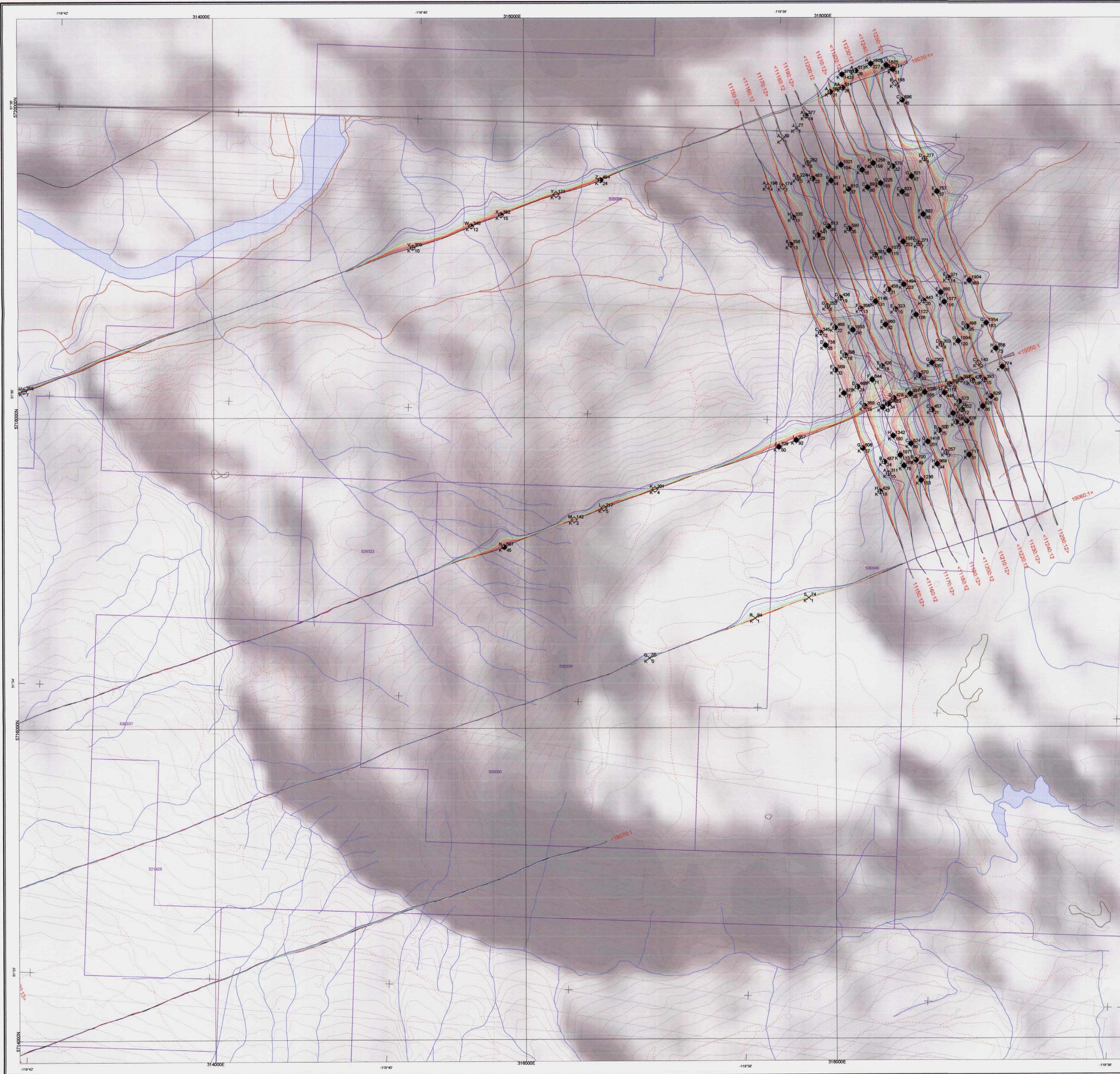
MAP PROJECTION
 Projection: Universal Transverse Mercator
 Central Meridian: 117°W (Zone 11)
 Central Scale Factor: 0.9996
 False Easting/Northing: 500,000m/0m



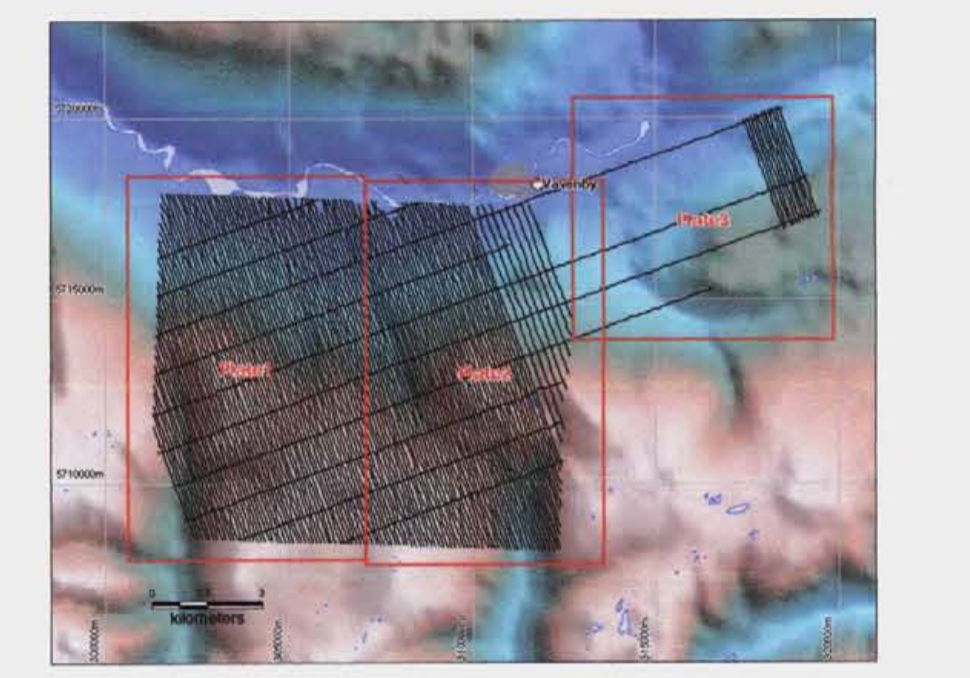
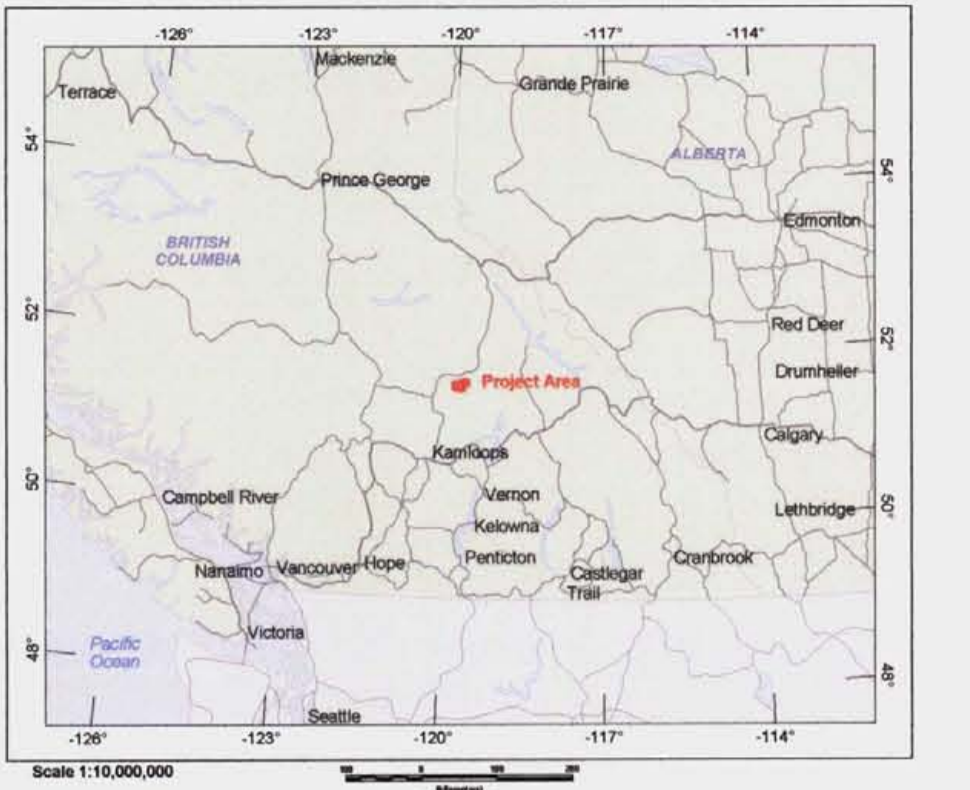
CME Managing Consultants Inc.
 Clearwater area, British Columbia

TOTAL MAGNETIC INTENSITY
Clearwater Property, Plate 3
 NTS 082M12 TRIM 082M052, 062

AEROQUEST LIMITED
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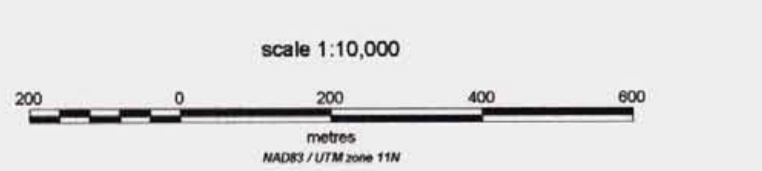
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 This map accompanies the technical report entitled Report on a Helicopter Borne Magnetic and Electromagnetic Survey, Clearwater Property, British Columbia, by Aeroquest Limited, June 2006
 Grid North
 NAD83-Zone11



- AeroTEM Profiles**
 positive excursion to top and right, 1mm=10nT/s
- 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
 - Z12 Off-Time Channel
 - Z14 Off-Time Channel
 - Z15 Off-Time Channel

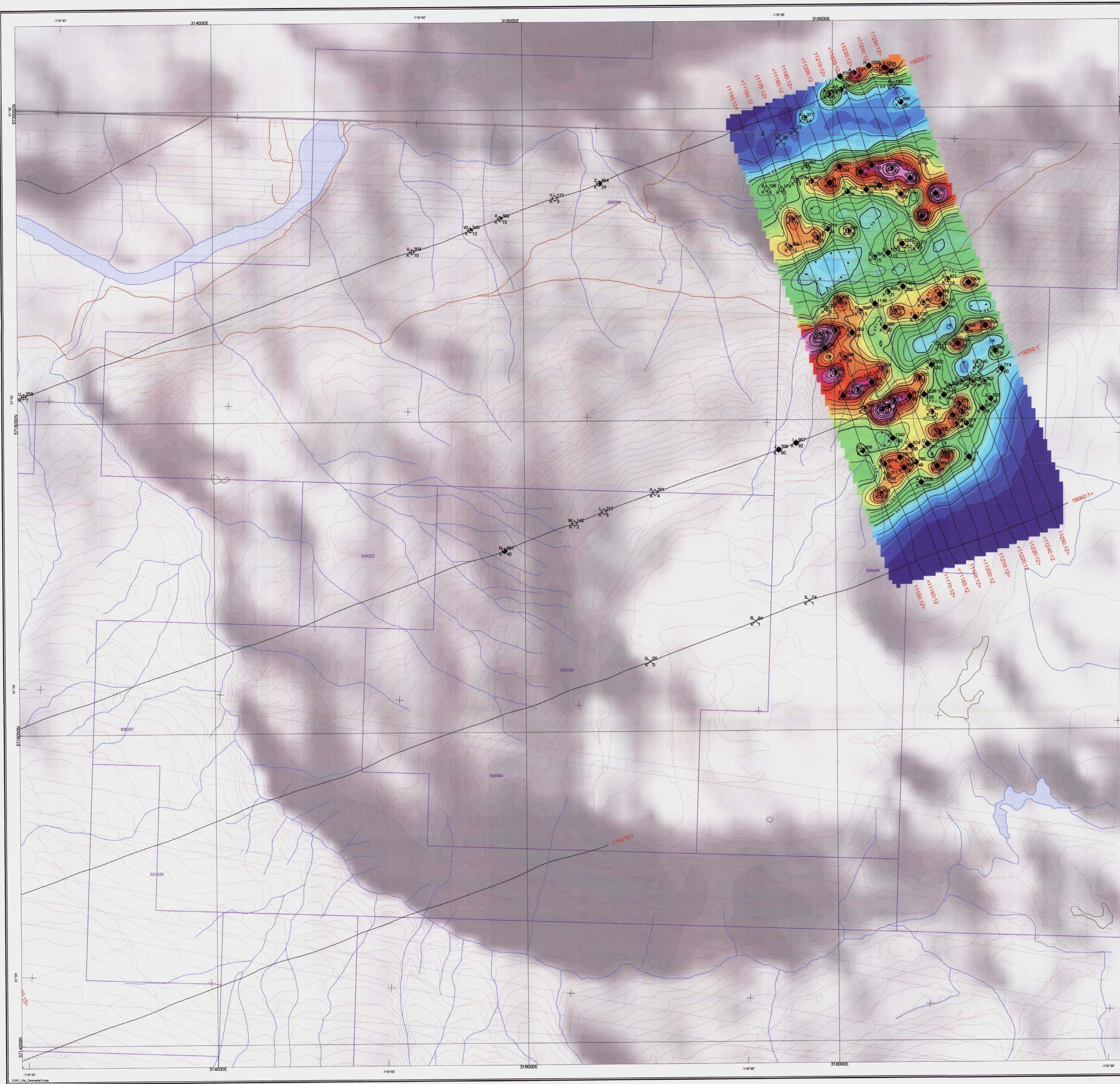
- Off-Time Anomaly Symbols**
- >50S
 - 35-50S
 - 20-35S
 - 10-20S
 - 5-10S
 - 1-5S
 - <1S
- anomaly label A 125 decay constant (µs)
 thickXthN source K 36 off-time conductance (S)

SURVEY SPECIFICATIONS:
 Survey from: May 3-10, 2006
 Traverse line spacing: 100 & 200 metres
 Traverse line direction: NW-SE (340°)
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 Aircraft: Aeromobile A-Bar 350BA (C-GPTY)
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 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, tidline and micro-leveling corrections
POSITIONING:
 Datum: NAD83
 Major Axis: 6378137.000
 Eccentricity: 0.081819191
MAP PROJECTION
 Projection: Universal Transverse Mercator
 Central Meridian: 117°W (Zone 11)
 Central Scale Factor: 0.9998
 False Easting/Northing: 500,000m/0m

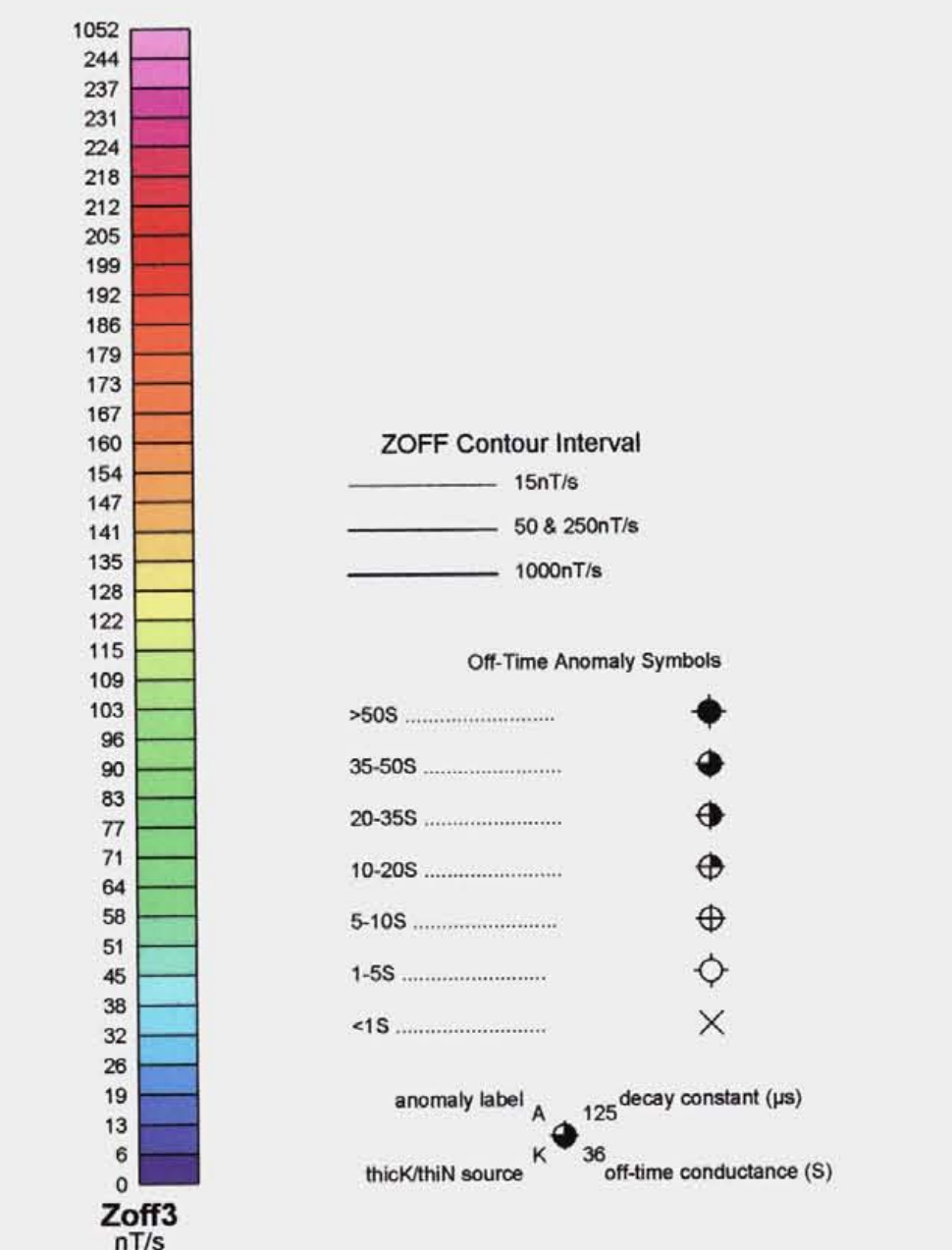
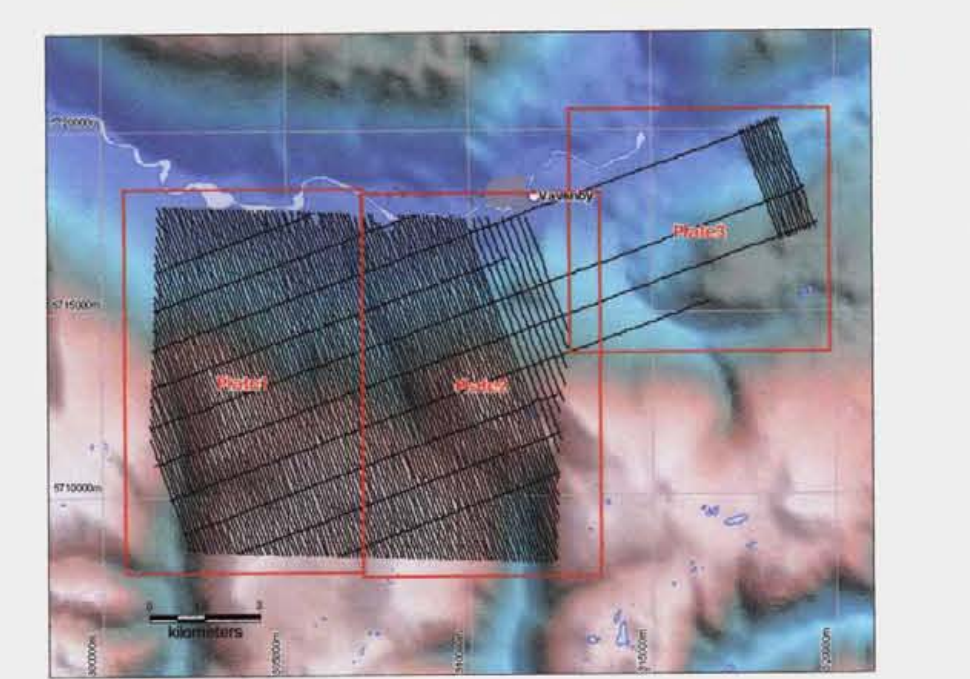
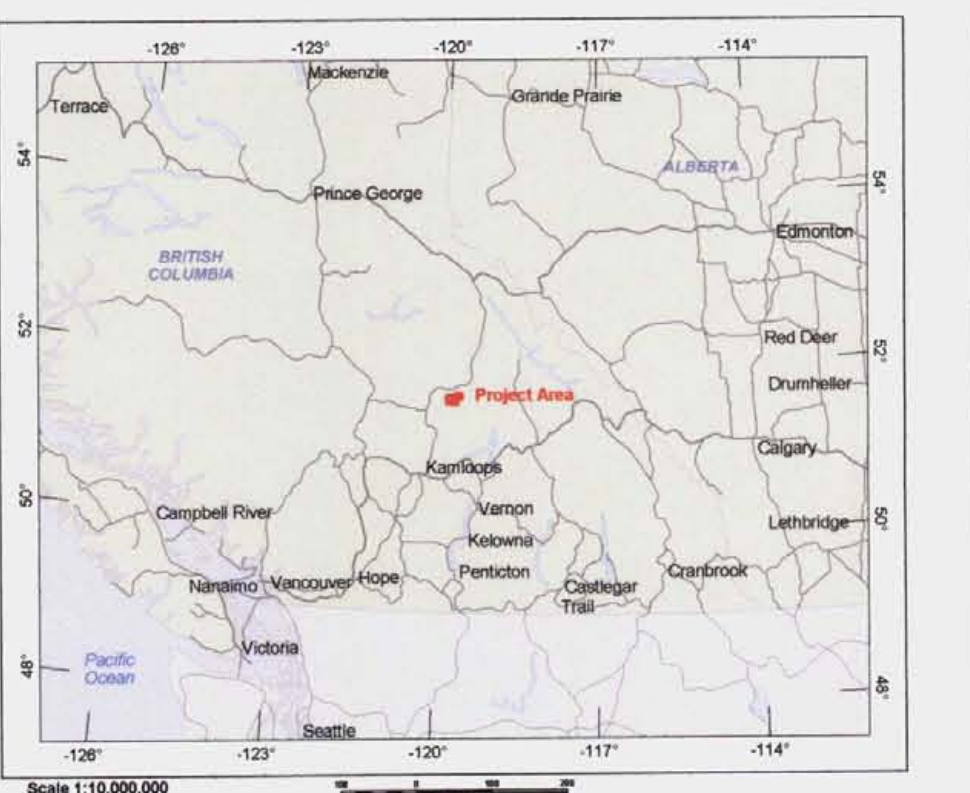


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 Clearwater area, British Columbia
AEROTEM OFF-TIME PROFILES
Clearwater Property, Plate 3
 NTS 082M12 TRIM 082M052_062

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 June 2006



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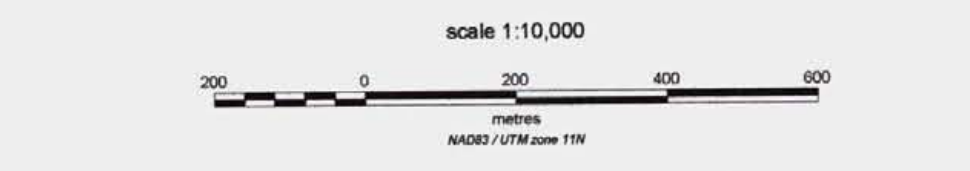
INSTRUMENTATION:
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 Installation: Towed bird 17 m above EM bird
 Sensitivity: .001 nanoTesla
 Electromagnetics: AeroTEM II System (ECHO)
 Configuration: Towed bird

NAVIGATION:
 Navigation: Differential Global Positioning System (DGPS)
 Navigation equipment: AGNAV with MID-TECH RX400p receiver
 Radar Altimeter: Terra TRA3000TR1-30

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

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

MAP PROJECTION:
 Projection: Universal Transverse Mercator
 Central Meridian: 117°W (Zone 11)
 Central Scale Factor: 0.9996
 False Easting/Northing: 500,000m/0m



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 Clearwater area, British Columbia

AEROTEM Z1 OFF-TIME
Clearwater Property, Plate 3
 NTS 082M12 TRIM 082M052, 062

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