May 13, 1999 Price: $47.60

Division of Geological & Geophysical Surveys

PUBLIC-DATA FILE 99-17

PROJECT REPORT OF THE 1998 GEOPHYSICAL SURVEY DATA FOR PART OF THE LIVENGOOD MINING DISTRICT, ALASKA, CENTRAL LIVENGOOD QUADRANGLE

by

Jonathan Rudd
Dighem

May 1999

THIS REPORT HAS NOT BEEN REVIEWED FOR TECHNICAL CONTENT (EXCEPT AS NOTED IN TEXT) OR FOR CONFORMITY TO THE EDITORIAL STANDARDS OF DGGS.

Released by

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
Division of Geological & Geophysical Surveys
794 University Avenue, Suite 200
Fairbanks, Alaska 99709-3645

Report #659-B

PROJECT REPORT OF THE AIRBORNE GEOPHYSICAL SURVEY FOR THE LIVENGOOD AREA EAST-CENTRAL ALASKA

STEVENS EXPLORATION MANAGEMENT CORP., DIGHEM SURVEY
FOR
STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

Quadrangles: Livengood B-3, B-4, C-3, C-4

Mississauga, Ontario
December 31, 1998

Jonathan Rudd, P.Eng
Geophysicist

geoterrex-dighem

Airborne & Ground Geophysics

SUMMARY

This report describes the logistics and results of a DIGHEM^V airborne geophysical survey carried out under contract to Stevens Exploration Management Corp., for the State of Alaska, Department of Natural Resources, Division of Geological and Geophysical Surveys. The survey was flown over a property located in the Livengood area, east-central Alaska. Total coverage of the survey block amounts to 1,048 miles (1,687 km). The survey was flown from September 14 to 18, 1998.

The purpose of the survey was to map the magnetic and conductive properties of the survey area and to detect conductive mineralization. This purpose was accomplished by using a DIGHEM^V multi-coil, multi-frequency electromagnetic system, supplemented by a high sensitivity Cesium magnetometer. A GPS electronic navigation system, utilizing a UHF link, ensured accurate positioning of the geophysical data. Visual flight path recovery techniques were used to confirm the location of the helicopter platform.

Maps depicting the survey results are provided at a scale of 1:31,680 (1" = 1/2 mile) and 1:63,360 (1" = 1 mile). Some of the maps are presented on a topographic base. The data sets are processed and presented using Universal Transverse Mercator Zone 6 projection coordinates using the NAD27 datum. The following geophysical parameters are presented on the maps and/or on the digital archive:

- Total Field Magnetics
- Apparent Resistivity – 900 Hz
- Apparent Resistivity – 7,200 Hz
- Interpreted Discrete Electromagnetic Anomalies

Inverse models of selected total magnetic field responses are provided to aid in the understanding of the geology of the survey area.

The survey area falls in the east-central region of Alaska within the Cordilleran Orogen and is characterized by several fold and thrust belts, low grade metamorphic and plutonic complexes, mafic-igneous and sedimentary assemblage and regional strike slip fault systems. The Livengood area has a high degree of structural and stratigraphic complexity which is manifested in the eleven stratigraphic belts and terranes interpreted in the area. These belts, separated by strike-slip or thrust faults, trend in a general east northeast direction.

The Schwatka stratigraphic belt extends across the northwestern corner of the survey area. The Beaver Creek stratigraphic belt occurs in the southern portion, covering approximately 40% of the survey area. The Livengood stratigraphic belt extends across the central portion of the survey area. The Schwatka belt is separated from the Livengood belt by the Victoria Creek strike-slip fault.

2,407 discrete anomalous EM responses have been interpreted from the electromagnetic data sets in the survey area. The EM anomalies appear to fall within one of four general categories. The first type consists of discrete, well-defined anomalies which yield marked inflections on the difference channels. These anomalies are usually attributed to conductive sulphides or graphite. 1,954 of these types of responses are interpreted in the survey area. The second class of anomalies comprises moderately broad responses which exhibit the characteristics of a half space. Anomalies in this category reflect conductive surficial material but may also reflect conductive rock units or zones of deep weathering. 190 of these types of responses have been interpreted in the survey area. The third class of anomalies consists of negative inphase responses which are indicative of magnetite. 146 magnetite anomalies have been interpreted in the survey area. The fourth class comprises cultural anomalies. 117 responses are attributed to culture and correlate with a major pipeline, buildings or infrastructure.

The apparent resistivity data sets range from a low of less that 5 ohm-m to over 10,000 ohm-m. The background varies from a high of 5,000 to 10,000 ohm-m in the northern portion of the survey area to 500 ohm-m in the south. There is only moderate correlation between the trends and individual responses of the apparent resistivity and total field magnetic data sets. This limited correlation indicates that the apparent resistivity data sets are influenced by the presence of conductive surficial sediments.

Several apparent resistivity lows which reflect bedrock sources are identified on the interpretation map and labeled as R1 through R23. Many of these conductive zones are strongest at depth as indicated by the strength of the response in the 900Hz coplanar data set relative to the higher frequency data sets. This increasing strength with decreasing frequency suggests that the conductive source is either covered by a more resistive unit, or increases in size with depth. The majority of these zones fall in the Livengood stratigraphic belt.

The total magnetic field data amplitudes range from a low of 56,460 nT to a high of 58,200 nT. The background differs in the northern and southern portions of the survey area with an average value of 56,780 nT in the south and 56,820 nT in the north. A general east northeast trend is evident across most of the survey area as linear magnetic highs. Individual anomalous features range in amplitude from a few nT to approximately 1,000 nT.

The survey area can be divided into three general magnetic domains - the northern, central and southern domains – each with a characteristic magnetic signature.

Structure is interpreted primarily from the magnetic data set with support from the apparent resistivity data sets. A high degree of structural complexity is apparent particularly in the central portion of the survey area. Several prominent structural breaks and lineations are indicated and labeled on the interpretation map as F1, F2, F3, etc.

The geophysical results, in general, correlate well with the known geology in the survey area. The results confirm the general east northeast trends and serve to extend the mapping of individual geologic units beneath the Paleozoic cover.

The total field magnetic and apparent resistivity data sets have successfully mapped the magnetic and conductive characteristics of the lithologies in the survey area. Numerous faults and contacts have been inferred from the survey results.

The survey was also successful in locating numerous discrete electromagnetic anomalies in the survey area which are typical of massive sulphide or graphite responses. Several larger conductive zones may also warrant additional work.

It is recommended that the survey results be reviewed in detail, in conjunction with all available geophysical, geological and geochemical information. Particular reference should be made to the multi-parameter stacked profiles which clearly define the characteristics of the individual anomalies in the identification of target areas. Image processing of existing geophysical data be considered, in order to extract the maximum amount of information from the survey results.

CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF MAPS

INTRODUCTION

A DIGHEM^V airborne electromagnetic/resistivity/magnetic/VLF survey was flown under contract to Stevens Exploration Management Corp., for the State of Alaska, Department of Natural Resources, Division of Geological and Geophysical Surveys. The survey was flown from September 14 to 18, 1998, over a survey block located in the Livengood area in Livengood Quadrangles B-3, B-4, C-3 and C-4.

Survey coverage consisted of approximately 1,048 miles (1,687 line-km), including 94 miles (152 line-km) of tie lines. Flight lines were flown in an azimuthal direction of 0°/180° with a line separation of ¼-mile (400 metres). Tie lines were flown perpendicular to the flight line direction with a separation of 3 miles (5 km).

The survey employs the DIGHEM^V electromagnetic system. Ancillary equipment consists of a magnetometer, radar altimeter, video camera, analog and digital recorders and an electronic navigation system.

Section 2 gives a description of the survey equipment and specifications and an outline of the field procedures. Section 3 describes the processing techniques and lists the products which are delivered with this report. Section 4 describes the results, and the conclusions and recommendations for further work are given in Section 5.

LOCATION INDEX

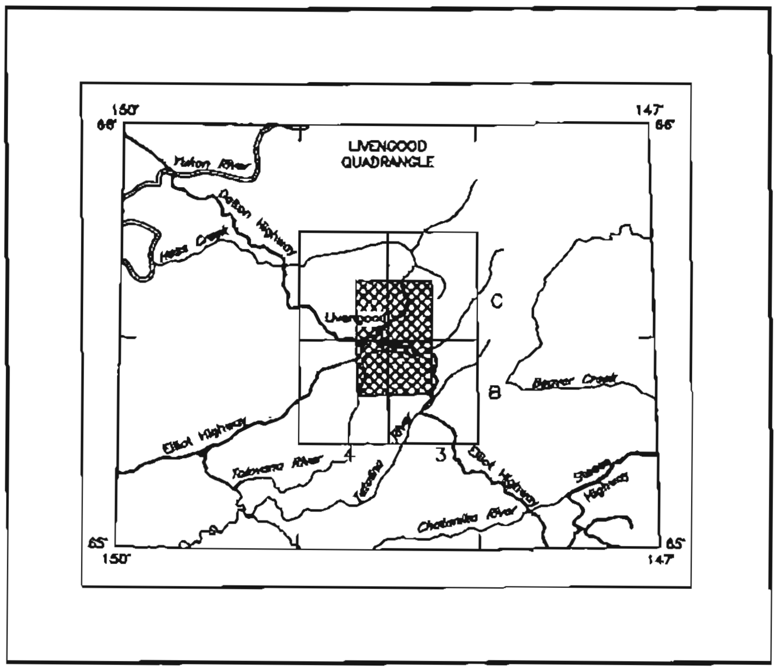


Figure 1-1
Location of the Livengood Survey Area
East-Central Alaska

SURVEY EQUIPMENT and FIELD PROCEDURES

The survey instrumentation was installed in an Aerospatiale AS350B2 turbine helicopter (Registration N162-EH) which was owned by Era Aviation Inc. A bird, which houses much of the electromagnetic and magnetic equipment, is suspended approximately 100 feet beneath the helicopter. The helicopter flew at an average air speed of 82 mph (133 km/hr). The EM bird was flown with an approximate terrain clearance of 100 feet (30 metres).

Electromagnetic System

Model: DIGHEM^{V}

Type: Towed bird, symmetric dipole configuration operated at a nominal survey altitude of 30 metres. Coil separation is 8 metres for 900 Hz, 5500 Hz and 7200 Hz, and 6.3 metres for the 56,000 Hz coil-pair.

Coil orientations/frequencies:

Coil Orientation	Nominal Frequency (Hz)	Actual Frequency (Hz)
Coaxial	900	1,103
Coplanar	900	877
Coaxial	5,500	5,943
Coplanar	7,200	7,180
Coplanar	56,000	56,360

Channels recorded: 5 inphase channels
5 quadrature channels
2 monitor channels

Sensitivity: 0.06 ppm at 900 Hz
0.10 ppm at 5,500 Hz
0.10 ppm at 7,200 Hz
0.30 ppm at 56,000 Hz

Sample rate: 10 per second, equivalent to 1 sample every 12 ft (3.66m), at the survey speed of 82 mph (133 km/hr)

The electromagnetic system utilizes a multi-coil coaxial/coplanar technique to energize conductors in different directions. The coaxial coils are vertical with their axes in the flight direction. The coplanar coils are horizontal. The secondary fields are sensed simultaneously by means of receiver coils which are maximum coupled to their respective transmitter coils. The system yields an inphase and a quadrature channel from each transmitter-receiver coil-pair.

The DIGHEM calibration procedure involves four stages; primary field bucking, phase calibration, gain calibration, and zero level adjustment. At the beginning of the survey, the primary field at each receiver coil is cancelled, or "bucked out", by precise adjustment of the position of five bucking coils.

The phase calibration adjusts the phase angle of the receiver to match that of the transmitter. A ferrite bar, which produces a purely in-phase anomaly, is positioned near each receiver coil. The bar is rotated from minimum to maximum field coupling and the responses for the in-phase and quadrature components for each coil pair/frequency are measured. The phase of the response is adjusted at the console to return an in-phase only response for each coil-pair. The EM system was checked for phase calibration at the beginning of each day of operation.

The gain calibration uses external coils designed to produce an equal response on in-phase and quadrature components for each frequency/coil-pair. The coil parameters and distances are designed to produce pre-determined responses at the receiver, due to the current induced in the calibration coil by the transmitter when a switch closes the loop at the coil. The gain at the console is adjusted to yield secondary responses of exactly 100 ppm. Gain was calibrated at the start and end of the survey flying. Additional gain checks were performed periodically throughout the survey and after any maintenance to the EM system.

The phase and gain calibrations each measure a relative change in the secondary field, rather than an absolute value. This removes any dependency of the calibration procedure on the secondary field due to the ground, except under circumstances of extreme ground conductivity.

During each survey flight, internal (Q-coil) calibration signals are generated to recheck system gain and to establish zero reference levels. These calibrations are carried out at intervals of approximately 20 minutes with the system out of ground effect. At a sensor height of more than 250 m, there is no measurable secondary field from the earth. Any remaining residual is therefore established as the zero level of the system. Linear system drift is automatically removed by interpolating the zero levels between the Q-coil calibrations.

Mobile Magnetometer

Model:	Picodas 3340 processor with Geometrics G822 sensor
Type:	Optically pumped Cesium vapour
Sensitivity:	0.01 nT
Sample rate:	10 per second

The magnetometer sensor is housed in the EM bird 30 m below the helicopter.

Base Station Magnetometer

Model:	GEM Systems GSM-19T
Type:	Digital recording proton precession
Sensitivity:	0.10 nT
Sample rate:	3 seconds

And

Model:	Geometrics G823A
Type:	Digital recording cesium vapor
Sensitivity:	0.01 nT
Sample rate:	1 per second

A digital recorder is operated in conjunction with the base station magnetometer to record the diurnal variations of the earth's magnetic field. The clock of the base station is synchronized with that of the airborne system to permit subsequent removal of diurnal drift.

Radar Altimeter

Manufacturer:	Honeywell/Sperry
Type:	AA220
Sensitivity:	0.3 m

The radar altimeter is positioned to measure the vertical distance between the helicopter and the ground.

Barometric Pressure and Temperature Sensors

Model:	DIGHEM D 1300	
Type:	Motorola MPX4115AP analog pressure sensor	
	AD592AN high-impedance remote temperature sensors	
Sensitivity:	Pressure:	150 mV/kPa
	Temperature:	100 mV/°C or 10 mV/°C (selectable)
Sample rate:	10 per second	

The D1300 circuit is used in conjunction with one barometric sensor and up to three temperature sensors. Two sensors (baro and temp) are installed in the EM console in the aircraft, to monitor internal operating temperatures. At least one other temperature sensor is located in the EM bird to record temperature variations at the receiver coils. The information is recorded by the digital acquisition system, but is not displayed on the analog chart records.

Analog Recorder

Manufacturer:	RMS Instruments
Type:	DGR33 dot-matrix graphics recorder
Resolution:	4x4 dots/mm
Speed:	1.5 mm/sec

The analog profiles are recorded on chart paper in the aircraft during the survey. Table 2-1 lists the geophysical data channels and the vertical scale of each profile.

Digital Data Acquisition System

Manufacturer:	RMS Instruments
Model:	DGR 33
Recorder:	Iomega Zip Plus drive

The data are stored on a 100 Mb Zip disc and are downloaded to the field PC workstation at the survey base for verification, backup and preparation of in-field products.

Tracking Camera

Type:	Panasonic VHS colour video camera (NTSC format)
Model:	AG 2400/WVCD132

Fiducial numbers are recorded continuously and are displayed on the margin of each image. This procedure ensures accurate correlation of analog and digital data with respect to visible features on the ground. Because of an equipment problem, video for flight 51 is not available. Flight 51 covers lines 20081, 20090, and 20100.

Navigation (Real-Time - Differential Global Positioning System)

Model:	Ashtech Glonass GG24
Type:	SPS (L1 band), 24-channel, C/A code at 1575.42 MHz, S code at 0.5625 MHz, Real-time differential.
Sensitivity:	-132 dBm, 0.5 second update
Accuracy:	Better than 10 metres real-time

The Ashtech GG24 is a line of sight, satellite navigation system which utilizes time-coded signals from at least four of forty-eight available satellites. Both Russian GLONASS and American NAVSTAR satellite constellations are used to calculate the position and to provide real time guidance to the helicopter. The Ashtech system can be combined with a RACAL or similar GPS receiver which further improves the accuracy of the flying and subsequent flight path recovery to better than 5 metres. The differential corrections, which are obtained from a network of virtual reference stations, are transmitted to the helicopter via a spot-beam satellite.

The Ashtech receiver is coupled with a PNAV navigation system for real-time guidance.

Although the base station receiver is able to calculate its own latitude and longitude, a higher degree of accuracy can be obtained if the reference unit is established on a known benchmark or triangulation point. For this survey, the GPS station was located at latitude 65°31.81982'N, longitude 148°33.06051'W at an elevation of 207.56 metres a.m.s.l. The GPS records data relative to the WGS84 ellipsoid, which is the basis of the revised North American Datum (NAD83). Conversion software is used to transform the WGS84 coordinates to the NAD27 system displayed on the base maps.

Field Processing Software

Model:	Geoterrex-Dighem Processing Software
Manufacturer:	Geoterrex-Dighem
Type:	Windows-Based P.C.

A portable PC-based field workstation is used at the survey base to verify data quality and completeness. Flight data are transferred to a PC to permit the creation of a database. This process allows the field operators to display both the positional (flight path) and geophysical data on a screen or printer.

Table 2-1. The Analog Profiles

Channel Name	Parameter	Scale Units/mm	Designation on Digital Profile
1X9I	coaxial inphase (900 Hz)	2.5 ppm	CXI900
1X9Q	coaxial quad (900 Hz)	2.5 ppm	CXQ900
3P9I	coplanar inphase (900 Hz)	2.5 ppm	CPI900
3P9Q	coplanar quad (900 Hz)	2.5 ppm	CPQ900
2P7I	coplanar inphase (7200 Hz)	5 ppm	CPI7200
2P7Q	coplanar quad (7200 Hz)	5 ppm	CPQ7200
4X7I	coaxial inphase (5500 Hz)	5 ppm	CXI5500
4X7Q	coaxial quad (5500 Hz)	5 ppm	CXQ5500
5P5I	coplanar inphase (56000 Hz)	10 ppm	CPI56K
5P5Q	coplanar quad (56000 Hz)	10 ppm	CPQ56K
ALTR	altimeter (radar)	3 m	ALTR
MAGC	magnetics, coarse	20 nT	MAG
MAGF	magnetics, fine	2.0 nT	MAG
CXSP	coaxial spherics monitor		CXSP
CPSP	coplanar spherics monitor		CPSP
CXPL	coaxial powerline monitor		CXPL
CPPL	coplanar powerline monitor		CPPL
1KPA	altimeter (barometric)	30 m	
2TDC	internal (console) temperature	1° C	

PRODUCTS and PROCESSING TECHNIQUES

This section describes the final delivered products and the techniques employed during data processing, interpretation and presentation. Table 3-1 contains a listing of the final products which are provided under the terms of the survey agreement. Appendix B provides detailed background information about DIGHEM surveys. Page size index maps can be found in Appendix D. These indeces are provided to depict the general contents of each map product for ease of reference and identification.

PRODUCTS

Maps

Maps depicting the survey results are provided at a scale of 1:31,680 (1" = 1/2 mile) and 1:63,360 (1" = 1 mile) as listed in Table 3-1. The data sets are processed and presented using Universal Transverse Mercator Zone 6 projection coordinates using the NAD27 datum. Details of this projection and the conversion from WGS84 are given following:

Projection Description:

Datum:		NAD27
Ellipsoid:	Clark 1866	
Projection:	UTM Zone 6	
Central Meridian:	147W	
False Northing:	0	
False Easting:	500000	
Scale Factor:	0.9996	
WGS84 to Local Conversion	:Molodensky	
Datum Shifts:	DX: 5 DY: -135 DZ: -172	

The Report of Investigation series maps (RI99-04, RI99-05 and RI99-06) present the total field magnetics, 900 Hz apparent resistivity and 7,200 Hz apparent resistivity parameters in colour at a scale of 1:63,360. These maps depict the local topography as a gray layer.

Seven black and white Public Data File (PDF) series maps are provided. The contents of these maps are described best in tabular form and can be found in Table 3-1. Topographic information does not appear on these maps.

Table 3-1 Survey Products

Product	Scale	Media	Topography	Copies	Index
Colour total field magnetics	63,360	Paper	Scanned	50	RI99-04
Colour 900 Hz coplanar resistivity	63,360	Paper	Scanned	50	RI99-05
Colour 7,200 Hz coplanar resistivity	63,360	Paper	Scanned	50	RI99-06
Flight lines	63,360	Transparency	Photographic	3	PDF99-11
Total field magnetics / EM anomalies	63,360	Transparency	None	4	PDF99-12
Total field magnetics / EM anomalies	63,360	Transparency	None	4	PDF99-13
900 Hz coplanar resistivity	63,360	Transparency	None	3	PDF99-14
7200 Hz coplanar resistivity	63,360	Transparency	None	3	PDF99-15
Total field magnetics / detail EM anomalies	31,680	Transparency	Photographic	3	PDF99-20a/b
Interpretation sketch (paper copy in report)	63,360	Transparency/ Paper	None	4	PDF99-17
Digital Archive	-	CD-ROM	-	25	PDF99-19
Multi-parameter Stacked Profiles	63,360	Transparency	-	1	*

* - No number
RI - Report of Investigations
PDF - Public Data File

Also provided to the State of Alaska:
Colour shadow total field magnetics (4 sets), laminated
Colour 7200 Hz coplanar resistivity (4 sets), laminated
Colour 900 Hz coplanar resistivity (4 sets), laminated
Colour total field magnetics (4 sets), laminated
CD-ROM ASCII archive (5 copies)
All original materials; flight logs, flight path videos, analog records and calibration records.

Laminated colour maps of total field magnetics, shadowed total field magnetics, 7,200 Hz apparent resistivity, and 900 Hz apparent resistivity are also provided.

A map containing an interpretation of the geophysical data sets which is designed to extend the geologic understanding in the survey area can be found in the map pocket at the end of this report. This map presents individual geophysical features, inferred contacts and structural features.

Multi-parameter Stacked Profiles for all survey lines are provided at a scale of 1:63,360. A more detailed description of this product is given later in this section.

Other Products

Two versions of final digital archives are provided on CD-ROM. The format and contents of the first version are described in Appendix C and on the discs themselves. This version is intended for public distribution. The second version contains additional information for use by the State of Alaska. The digital data are referenced to the UTM zone 6 coordinate system described above.

All original materials including flight logs, flight path videos, flight analog records and the calibration analogs are also provided.

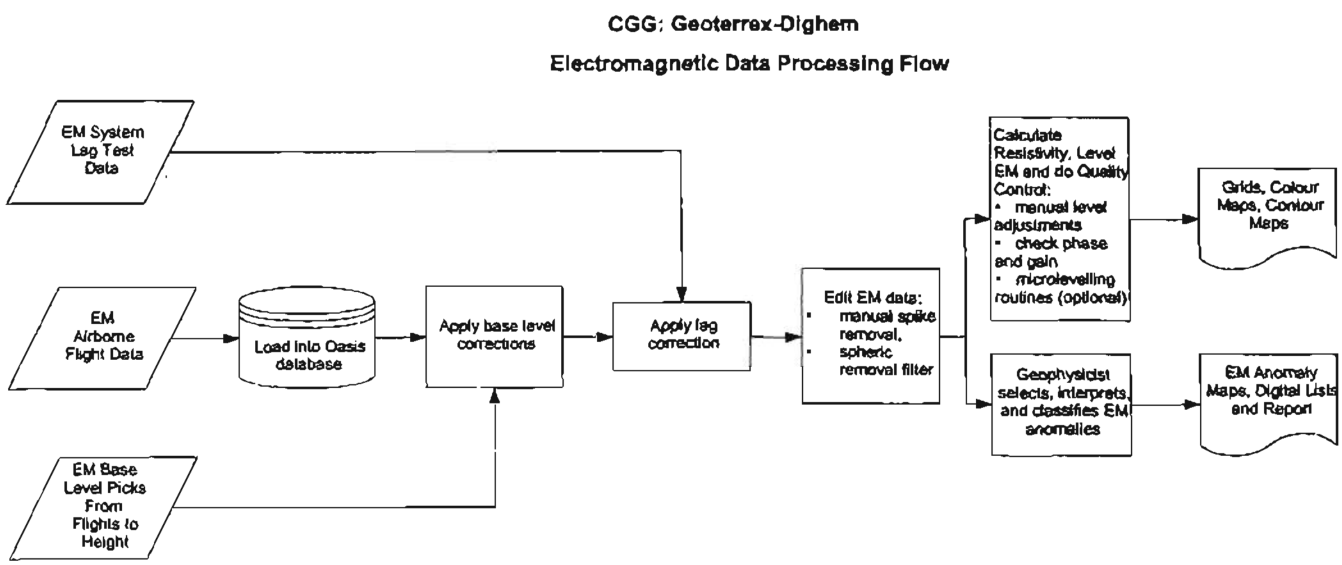
PROCESSING TECHNIQUES

Figure 3-1 depicts the data processing flow for the electromagnetic and magnetic data sets.

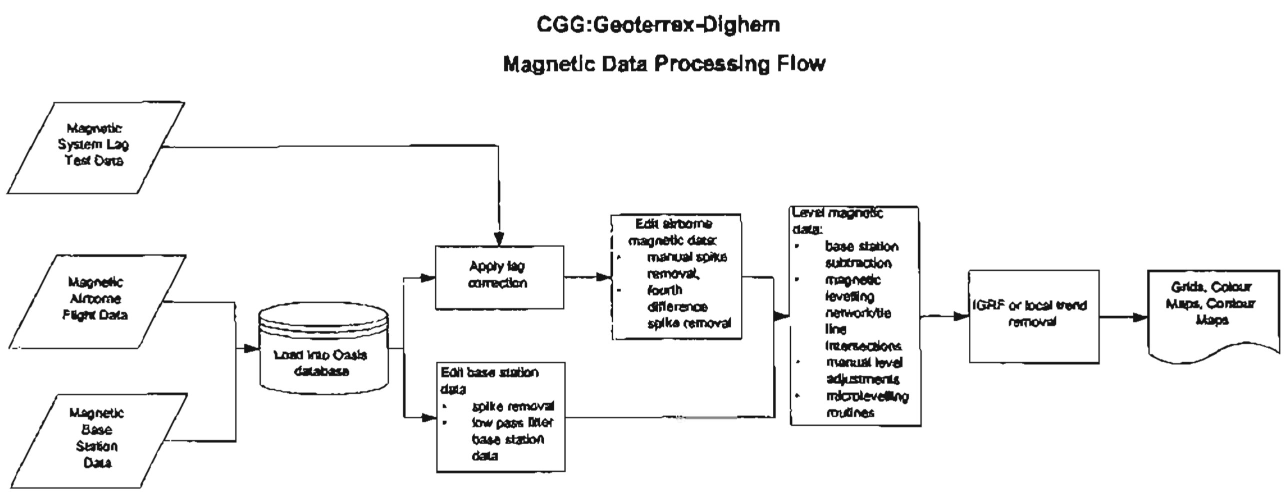
Topography Bases

Topography bases of the survey area have been produced from published topographic maps B-3, B-4, C-3 and C-4 of the Livengood quadrangle. These bases are photographically reproduced for inclusion on maps PDF99-11, PDF99-20a and PDF99-20b. Scanned images of the topographic bases are presented as gray layers on the RI99-04, RI99-05 and RI99-06 maps. The remainder of the maps do not present the topography.

Figure 3-1. Processing Flow Chart
a) Electromagnetic Data



b) Magnetic Data



Electromagnetic Anomalies

The process of interpreting the EM anomalies begins by filtering the EM data with a spike rejection filter. Appropriate median and/or Hanning filters are applied to reduce high frequency noise to acceptable levels. EM test profiles are then created to allow the interpreter to select the most appropriate EM anomaly picking controls for the given survey area. The EM picking parameters depend on several factors but are primarily based on the dynamic range of the resistivity within the survey area, and the types and expected geophysical responses of the geologic target models.

Anomalous electromagnetic responses are selected and analysed by computer to provide a preliminary set of electromagnetic anomalies. These preliminary anomalies are reviewed and corrected where necessary by the geophysicist to produce the final interpreted EM anomaly maps. Excellent resolution and discrimination of conductors was accomplished by employing a common frequency on two orthogonal coil-pairs (coaxial and coplanar). The computed "difference channel" parameters often permit differentiation of bedrock and surficial conductors where the computed conductance alone can not.

The anomalies shown on the electromagnetic anomaly maps are based on a near-vertical, half-plane model. This model best reflects "discrete" bedrock conductors. Wide bedrock conductors or flat-lying conductive units, whether from surficial or bedrock sources, may give rise to very broad anomalous responses on the EM profiles. These may not appear on the electromagnetic anomaly map if they have a regional character rather than a locally anomalous character. These broad conductors, which more closely approximate a half space model, will be maximum coupled to the horizontal (coplanar) coil-pair and should be more evident on the resistivity parameter. Resistivity maps, therefore, may be more valuable than the electromagnetic anomaly maps in areas where broad or flat-lying conductors are considered to be of importance (see next - Apparent Resistivity).

The "Total Field Magnetics and Detailed Electromagnetic Anomalies" maps depict the interpreted discrete anomalies as symbols in a vector overlay. The detailed EM anomalies on maps PDF99-20a and PDF99-20b indicate interpreted conductor type, conductance and depth as symbols. Direct magnetic correlation and dip direction are also indicated where they are interpreted. A simplified representation of the anomalies is given on maps PDF99-12 and PDF99-13. These maps indicate the conductor type and conductance range as symbols.

Apparent Resistivity

Apparent resistivity is computed from the in-phase and quadrature EM components for the 900, 7,200 and 56,000 Hz coplanar data sets using a pseudo-layer halfspace model. The resultant apparent resistivity maps portray the variation in apparent resistivity for the given frequency over the entire survey area. This full coverage contrasts with the electromagnetic anomaly map which provides information only over the interpreted discrete conductors. The large dynamic range afforded by the multiple frequencies in the DIGHEM^{V} system makes the apparent resistivity parameter an excellent mapping tool.

Preliminary apparent resistivity maps and images are carefully inspected to identify lines or line segments which may require base level adjustment. Subtle changes between in-flight calibrations of the system can result in line to line differences which are more readily recognizable in resistive (low signal amplitude) areas. If required, manual level adjustments are carried out to eliminate or minimize resistivity differences which can be attributed in part to changes in operating temperature. These leveling adjustments are usually subtle, and do not result in the degradation of discrete anomalies.

After the leveling process is complete, revised apparent resistivity grids are created. These grids are filtered using a 3 cell by 3 cell smoothing filter prior to the preparation of the final maps. This final filter will not degrade the apparent resistivity given the broad 'footprint' of the parameter and the assumption of a homogeneous half space inherent in the apparent resistivity computation.

The calculated apparent resistivity values are clipped at a maximum value for each of the 900 and 7,200 Hz data sets. These maxima, 1,008 and 8,250 ohm-m, respectively, eliminate the meaningless high apparent resistivity values which would result from very small EM amplitudes.

Contoured resistivity maps, based on the 900 Hz and 7,200 Hz coplanar data are included with this report. The apparent resistivity for all three of the coplanar data sets are included in the XYZ and grid archives. Values are in ohm-metres on all final products.

Total Field Magnetics

The aeromagnetic data are corrected for diurnal variation using the magnetic base station data. Manual adjustments are made to any lines that require further levelling as indicated by shadowed images of the gridded magnetic data or tie line/traverse line intercepts. The regional IGRF gradient has been removed from the data. The total field magnetic data have been presented as contours on the base maps using a contour interval of 5 nT at a scale of 1:63,360, and using a 2 nT contour interval at a scale of 1:31,680.

Multi-parameter Stacked Profiles

Distance-based profiles of the survey data sets are generated and plotted. These profiles contain the recorded data, the calculated parameters and the interpreted electromagnetic anomalies. A set of preliminary profiles is generated for use throughout the data reduction and interpretation processes. The interpretive symbols are indicated on the electromagnetic anomalies. The profiles are presented on transparent medium, from which prints can be made, at a scale of 1:63,360. Table 3-2 shows the parameters and scales for the multi-channel stacked digital profiles.

Contour, Colour and Shadow Map Displays

The geophysical data are interpolated onto a regular grid using a modified Akima spline technique. The grid cell size is 328 ft (100m) which is 25% of the nominal line spacing. The resulting grid is used to generate contours of each geophysical parameter. The contours are labelled, annotated and are presented on the final maps with varying pen weights for ease of viewing.

Colour maps are produced by interpolating the grid down to the pixel size. The parameter is then represented with a defined colour for specific amplitude ranges to provide colour "contour" maps. A standard rainbow colour palette is used to define the entire data range. The colours are distributed over the entire data range so that each colour in the palette covers an equal area on the final maps. This equal area distribution is defined over the entire survey area and not for each individual map sheet.

Shadow maps are generated by employing an artificial sun which casts shadows on a surface defined by the geophysical parameter grids. Shadow maps of the total field magnetic data were combined with the colour magnetic grids to produce colour shadowed total field magnetic maps.

Table 3-2. Multi-parameter Stacked Digital Profiles

Channel Name (Freq)	Observed Parameters	Scale Units/mm
MAG	Magnetics – fine	10 nT
MAG	Magnetics – coarse	100 nT
ALT	Bird height	6 m
HMS	Height above mean sea level	60 m
CXI (900 Hz)	Vertical coaxial coil-pair inphase	2 ppm
CXQ (900 Hz)	Vertical coaxial coil-pair quadrature	2 ppm
CPI (900 Hz)	Horizontal coplanar coil-pair inphase	2 ppm
CPQ (900 Hz)	Horizontal coplanar coil-pair quadrature	2 ppm
CXI (5500 Hz)	Vertical coaxial coil-pair inphase	4 ppm
CXQ (5500 Hz)	Vertical coaxial coil-pair quadrature	4 ppm
CPI (7200 Hz)	Horizontal coplanar coil-pair inphase	4 ppm
CPQ (7200 Hz)	horizontal coplanar coil-pair quadrature	4 ppm
CPI (56,000 Hz)	horizontal coplanar coil-pair inphase	10 ppm
CPQ (56,000 Hz)	horizontal coplanar coil-pair quadrature	10 ppm
CXS	coaxial spherics monitor	
CXP	coaxial powerline monitor	
CPS	coplanar spherics monitor	
	Computed Parameters	
DFI (900 Hz)	difference function inphase from CXI and CPI	2 ppm
DFQ (900 Hz)	difference function quadrature from CXQ and CPQ	2 ppm
RES (900 Hz)	log resistivity	.06 decade
RES (7200 Hz)	log resistivity	.06 decade
RES (56,000 Hz)	log resistivity	.06 decade
DP (900 Hz)	apparent depth	6 m
DP (7200 Hz)	apparent depth	6 m
DP (56,000 Hz)	apparent depth	6 m
CDT	Conductance	1 grade

Total Field Magnetic Data Modelling

Inverse models of three selected total field magnetic responses are provided as page size plots. The models were computed from responses on lines 20200, 20361 and 20390. The model parameters are determined by matching the line data with the theoretical response from one of four simple geometric models. These geometric models range from 2-dimensional to 2 3/4 dimensional. The model results assume that the magnetization is induced but remanent magnetization can also be accounted for where it exists. The three models are presented in Appendix E.

SURVEY RESULTS and DISCUSSION

Geology

The survey area falls in the east-central region of Alaska which is defined on the east by the Canadian border, on the west by the western limit of the Kokrines-Hodzana Upland, on the south by the Yukon-Tanana Upland and on the north by the southeastern flank of the Brooks Range. This region falls within the Cordilleran Orogen and is characterized by several fold and thrust belts, low grade metamorphic and plutonic complexes, mafic-igneous and sedimentary assemblage and regional strike slip fault systems. Recent work has led to divisions of the region into many tectonostratigraphic (lithotectonic) terranes and sub-terranes.

The survey area falls within the Livengood area which includes most of the Livengood quadrangle, part of the southeast Tanana quadrangle south of the Yukon River, the Crazy Mountains and parts of the northern Circle quadrangle. The Livengood area has a high degree of structural and stratigraphic complexity which is manifested in the eleven stratigraphic belts and terranes interpreted in the area. These belts are separated by strike-slip or thrust faults and are characterized by distinct stratigraphy or lithology. The belts trend in a general east northeast direction.

Three of these belts occur in the survey area. The Schwatka stratigraphic belt extends across the northwestern corner of the survey area. The Beaver Creek stratigraphic belt occurs in the southern portion, covering approximately 40% of the survey area. The Livengood stratigraphic belt extends across the central portion of the survey area.

The Schwatka belt is separated from the Livengood belt by the Victoria Creek strike-slip fault. The belt is comprised by a grit unit, overlain by clastic, volcanic, and carbonate rocks. At least some of the volcanics are mafic in composition. Intrusive and associated extrusive mafic igneous rocks with interbedded sedimentary rocks occur in the survey area. Metamorphic and sedimentary rock units containing slate, chert, breccia, and siltstone also occur in the northern portion of the survey area.

The Livengood belt is characterized by the Livengood Dome Chert. This unit consists of chert, interbedded shale, limestone and tuffaceous rocks. In some places, interbedded basalts and mafic sills occur. Other units in the belt include limestone, dolomite, chert-pebble conglomerate, slate, shale, and clastic units. Virtually all of these lithologies occur in the survey area.

The Beaver Creek stratigraphic belt comprises flyschoid rocks and conglomerate. The flyschoid units, of which there are three, contain clastic rocks, tuff, conglomerate, shale quartzite and graywacke. Cobble- to boulder-sized clasts of varying composition including mafic and ultramafic rocks are seen in some conglomerate. The Wilbur Creek unit is the only flyschoid unit which occurs in the survey area. Felsic granitic intrusive rocks occur throughout this belt as dikes, sills and irregular shapes.

Quaternary sediments cover 60% to 70% of the survey area obscuring much of the bedrock geology. Composition of these unconsolidated deposits varies from silt to gravel to organic material. Thickness can range up to several tens of metres in the valleys.

Survey Results

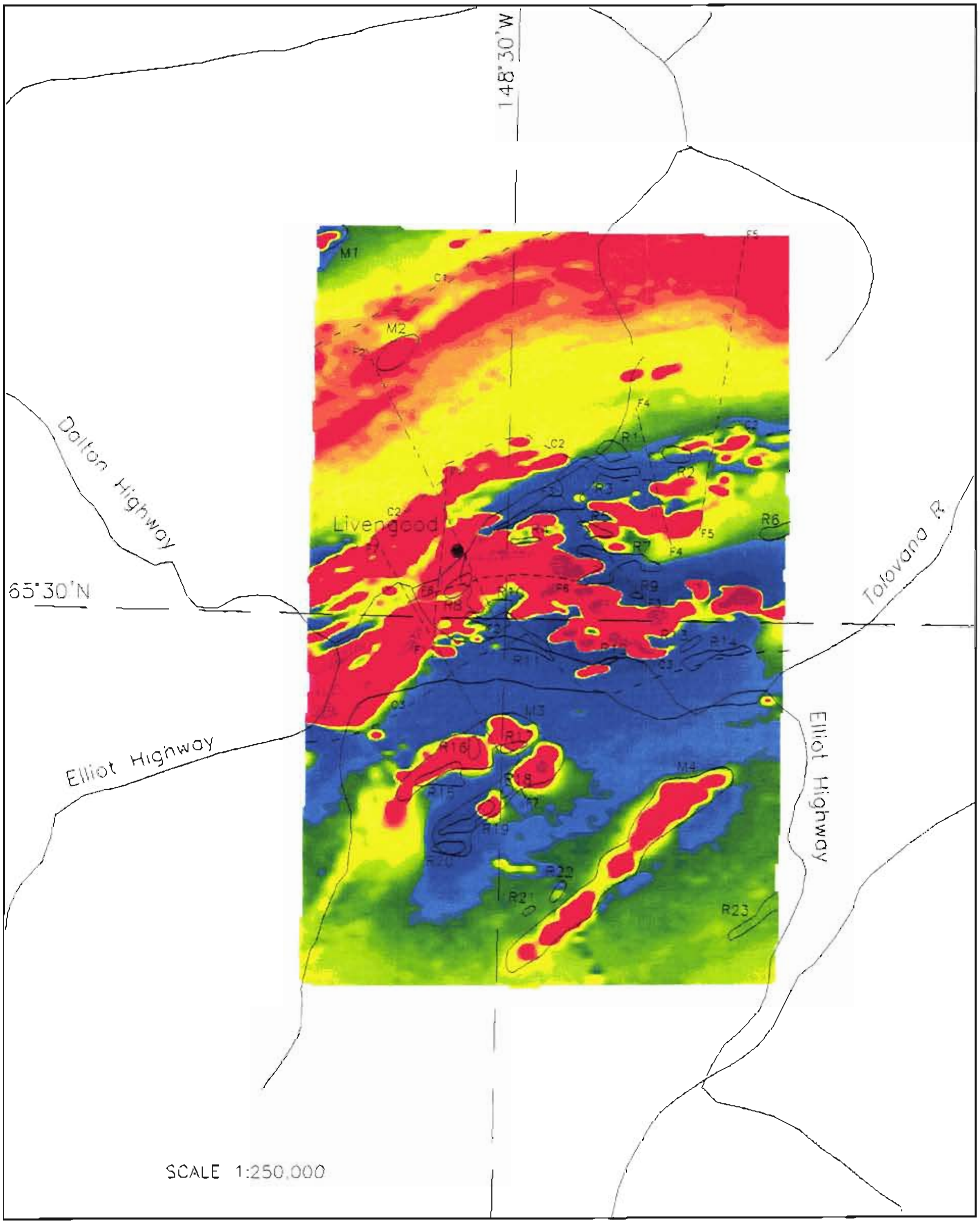
The interpretation of the survey results is presented on a coloured total magnetic field base in Figure 4-1. The interpretation is also presented on map 99-17 which is included at the end of this report in the map pocket.

DISCRETE EM ANOMALY INTERPRETATION

2,407 discrete anomalous EM responses have been interpreted from the electromagnetic data sets in the survey area. Table 4-1 summarizes these responses with respect to conductance grade and interpretation.

The EM anomalies resulting from this survey appear to fall within one of four general categories. The first type consists of discrete, well-defined anomalies which yield marked inflections on the difference channels. These anomalies are usually attributed to conductive sulphides or graphite and are generally given a "B", "T" or "D" interpretive symbol, denoting a bedrock source. 1,954 of these types of responses are interpreted in the survey area.

The second class of anomalies comprises moderately broad responses which exhibit the characteristics of a half space and do not yield well-defined inflections on the difference channels. Anomalies in this category are usually given an "S" or "H" interpretive symbol. The lack of a difference channel response usually implies a broad or flat-lying conductive source such as overburden. Some of these anomalies may reflect conductive rock units or zones of deep weathering. 190 of these types of responses have been interpreted in the survey area.



Interpretation of the Livengood Area
on Coloured Magnetics.

Figure 4-1

TABLE 4-1

EM ANOMALY STATISTICS

LIVENGOOD AREA

CONDUCTOR GRADE	CONDUCTANCE RANGE SIEMENS (MHOS)	NUMBER OF RESPONSES
7	>100	4
6	50 - 100	13
5	20 - 50	39
4	10 - 20	91
3	5 - 10	130
2	1 - 5	790
1	<1	275
*	INDETERMINATE	1,065
TOTAL		2,407

CONDUCTOR MODEL	MOST LIKELY SOURCE	NUMBER OF RESPONSES
D	DISCRETE BEDROCK CONDUCTOR	233
B	DISCRETE BEDROCK CONDUCTOR	1,721
S	CONDUCTIVE COVER	181
H	ROCK UNIT OR THICK COVER	9
M	MAGNETITE	146
L	CULTURE	117
TOTAL		2,407

(SEE EM MAP LEGEND FOR EXPLANATIONS)

The third class of anomalies consists of negative inphase responses which are indicative of magnetite. These are represented by triangles on the total field magnetics and EM anomaly maps and have been annotated with an "M". Where a magnetite anomaly has an associated quadrature response, the interpretation of a conductive source will over-ride the magnetite anomaly. These anomalies are assigned a D, B?, or S? interpretation based on the strength and shape of the quadrature response. 146 magnetite anomalies have been interpreted in the survey area.

The fourth class comprises cultural anomalies. 117 responses are attributed to culture and correlate with a major pipeline, buildings or infrastructure. Any other interpreted conductors which occur in close proximity to these cultural features should be confirmed as bedrock conductors prior to drilling.

The majority of the strong bedrock anomalies have a sufficiently large footprint to produce a strong apparent resistivity low. For this reason, description of these anomalies will be made in the apparent resistivity section. Several other strong responses are evident particularly in the central portion of the survey area, but these are generally of limited strike extent and are reflected on only one survey line. These may be of interest from an exploration standpoint. Details on each of these anomalies are available in the anomaly listing in Apendix F.

In areas where EM responses are evident primarily on the quadrature components, zones of poor conductivity are indicated. Where these responses are coincident with magnetic anomalies, it is possible that the inphase component amplitudes have been suppressed by the effects of magnetite. Most of these poorly-conductive magnetic features give rise to resistivity anomalies which are only slightly below background. If it is expected that poorly-conductive economic mineralization may be associated with magnetite-rich units, most of these weakly anomalous features will be of interest. In areas where magnetite causes the inphase components to become negative, the apparent conductance and depth of EM anomalies will be unreliable. The conductance values will tend to be understated.

Anomalies which occur near the ends of the survey lines (i.e., outside the survey area), should be viewed with caution. Some of the weaker anomalies could be due to aerodynamic noise, i.e., bird bending, which is created by abnormal stresses to which the bird is subjected during the climb and turn of the aircraft between lines. Such aerodynamic noise is usually manifested by an anomaly on the coaxial inphase channel only, although severe stresses can affect the coplanar inphase channels as well.

In some portions of the survey area, the steep topography forced the pilot to exceed normal terrain clearance for reasons of safety. It is possible that some weak conductors may have escaped detection in areas where the bird height exceeded 120 m. In difficult areas where near-vertical climbs were necessary, the forward speed of the helicopter was reduced to a level which permitted excessive bird swinging. This problem, combined with the severe stresses to which the bird was subjected, gave rise to aerodynamic noise levels which are slightly higher than normal. Where warranted, re-flights were carried out to minimize these adverse effects.

APPARENT RESISTIVITY

The apparent resistivity data sets range from a low of less that 5 ohm-m to over 10,000 ohm-m. The background varies from a high of 5,000 to 10,000 ohm-m in the northern portion of the survey area to 500 ohm-m in the south. There is only moderate correlation between the trends and individual responses of the apparent resistivity and total field magnetic data sets. This limited correlation indicates that the apparent resistivity data sets are influenced by the presence of conductive surficial sediments. This influence is seen primarily in the valleys and rills where sediment is most likely to accumulate. The effects of conductive surficial sediment is seen less in the 900 Hz apparent resistivity data set than in the 7,200 Hz apparent resistivity data set because the lower frequency data set responds to sources at a greater depth than the higher frequency does.

Where the apparent resistivity data sets appear to reflect the bedrock geology, the trends generally agree with those in the total field magnetic data set where correlation is possible. Because the apparent resistivity data sets reflect the conductive properties of the geology, they complement the magnetic data set for geologic interpretation.

Several apparent resistivity lows are identified on the interpretation map and labeled as R1 through R23. Only the most conductive bedrock features from the apparent resistivity maps are identified. Most of the dominant conductive units in the survey area are, at least in part, defined by these zones. The zones show little correlation with the mapped geology and, in fact, seem rather arbitrary relative to the known and inferred units and contacts. This lack of correlation suggests that either the sources of the conductive responses are not bound to the geologic units (post depositional) or that the geology as mapped on surface does not reflect the geology at depth as a result of low angle faulting or complex folding and faulting. Indeed many of these conductive zones are strongest at depth as indicated by the strength of the response in the 900Hz coplanar data set relative to the higher frequency data sets. This increasing strength with decreasing frequency suggests that the conductive source is either covered by a more resistive unit, or increases in size with depth. Refer to the apparent resistivity and apparent depth traces on the multi-parameter stacked profiles when assessing these conductive units.

R1 through R14 occur in the Livengood stratigraphic belt. They vary in size and shape from a single line response (R9) to large, complex features (R3, R7, R10, R14) several miles in length. None of these features has direct magnetic correlation and indeed most occur where the magnetic response is very quiet. The features are interpreted to reflect graphite or conductive sulphide mineralization with no associated magnetic mineralization.

R15 through R20 roughly correlate with a series of magnetic highs which are defined as zone M3. Direct correlation only occurs for R16, R19 and R20. R19 and R20 correlate at least partially with a magnetic response attributed to remanent magnetization. These three conductive zones are interpreted to reflect graphitic or conductive sulphide mineralization with associated magnetic mineralization. R15, R17, and R18, have no associated magnetic response, and are interpreted to reflect graphite or conductive sulphides with no associated magnetic mineralization.

R21 and R22 are two relatively small, single line responses which occur just north of magnetic feature M4. These features have no clear correlating magnetic responses and are interpreted to reflect graphite or conductive sulphide mineralization with no associated magnetic mineralization. Although R22 is confidently interpreted as a bedrock response, it is in close proximity to the pipeline which produces high amplitude responses in both the apparent resistivity and magnetic data sets. This noise precludes a confident characterization of the bedrock source. Care should be taken in any follow up work to account for the presence of the cultural feature.

R23 is a linear feature which occurs in the southeastern portion of the survey area. The feature trends east northeast, conforming with the general trends of the units in the Beaver Creek stratigraphic belt. The feature is open to the east of the survey area. There is no discrete correlating magnetic response. The feature is interpreted to reflect a conductive unit, perhaps comprised of graphite or sulphides, conformable with the Beaver Creek trends. The feature has no association with magnetic mineralization.

TOTAL MAGNETIC FIELD

The total magnetic field data amplitudes range from a low of 56,460 nT to a high of 58,200 nT. The background differs in the northern and southern portions of the survey area with an average value of 56,780 nT in the south and 56,820 nT in the north. A general east northeast trend is evident across most of the survey area as linear magnetic highs. Individual anomalous features range in amplitude from a few nT to well over 1,000 nT.

The survey area can be divided into three general magnetic domains - the northern, central and southern domains - each with a characteristic magnetic signature.

The northern domain is characterized by a generally low amplitude magnetic response. Long, linear magnetic highs which extend up to several miles in length are common across the entire area. These linear trends which display some flexure are interpreted to reflect rock units which have a higher magnetic mineral content than the surrounding units. This pattern is typical of the sedimentary rocks which are mapped within this portion of the survey area. Two high-amplitude, short strike length features occur in the northwestern corner of the survey. These are labeled as M1 and M2 and reflect units with higher magnetic mineral content. The features display a general east northeast trend. M1 occurs in an area mapped to contain mafic igneous units which accounts entirely for the magnetic response. M2 appears to be comprised of two distinct sources. Quaternary cover obscures the bedrock geology in the vicinity of M2. However, the mapped unit in the vicinity is described as comprising metamorphic and sedimentary rocks. The magnetic response is interpreted to reflect either increased magnetic mineral content in the metamorphic rocks or an intrusion of mafic igneous rocks.

The central domain is characterized by high amplitude, linear magnetic highs. The length of the individual features varies from less than 400 ft to several miles. The trend of the individual features varies across the survey from northeast to east-west. This variation in strike, and the degree of truncation and offset of the individual features indicates a high degree of structural complexity in this central portion of the survey area. The magnetic features are too many to identify and describe individually in this area. Instead they are described in general terms as they characterize this magnetically active portion of the survey area.

The individual magnetic features in the central magnetic domain range from single line responses to long linear features many miles in strike length. The amplitude of each response varies from less than 100 nT to approximately 1,000 nT.

The southern domain is characterized by a quiet background response punctuated by several high amplitude features. Two zones characterized by strong magnetic responses, labeled as M3 and M4, dominate the magnetic response in this southern domain. Both of these zones are comprised of several individual anomalies which are interpreted to reflect concentrations of magnetic mineralization within a single geologic unit.

M3 is an arcuate to roughly circular feature with local responses ranging from a few hundred to over 1,000 nT in amplitude. Remanent magnetization in the southwestern portion of M3 is evident from a strong negative response. M4 is interpreted to reflect a linear geologic feature which has local concentrations of magnetic mineralization. Both

M3 and M4 correlate at least in part with felsic granitic intrusive rocks which take the form of dykes or sills. The irregular shape of these mapped intrusives may explain the scattered magnetic response. The strong magnetic response, however, belies the felsic composition of the mapped rocks, and indicated local weathering to reddish brown suggests that at least portions of these units are mafic to ultramafic in composition.

STRUCTURE

Structure is interpreted primarily from the magnetic data set with support from the apparent resistivity data sets as truncation and offset of individual features. A high degree of these breaks are apparent particularly in the central portion of the survey area. These breaks confirm a high level of structural complexity relative to the flight line spacing which precludes a confident detailed interpretation of structure. However, several prominent structural breaks and lineations are indicated and labeled on the interpretation map as F1, F2, F3, etc.

Discussion

The geophysical results, in general, correlate well with the known geology in the survey area. The results confirm the general east northeast trends and serve to extend the mapping of individual geologic units beneath the Paleozoic cover.

The Schwatka stratigraphic belt is characterized by a generally resistive and quiet magnetic response. The more conductive units in the north western portion of the survey area mapped as metamorphic and sedimentary units and intrusive mafic igneous rocks produce a more active response in both the magnetic and apparent resistivity data sets. The magnetic and apparent resistivity data sets identify variations in the conductivity and magnetic mineral content of individual stratigraphic units which help to define the trends and characteristics of the constituent lithologies. These data sets also identify features which may reflect intrusions or post depositional concentration of conductive and magnetic mineralization which may aid in the geologic understanding and mapping of the survey area. No strong, discrete electromagnetic anomalies are interpreted in this northern portion of the survey area. Two valleys which cut the belt with a north northwest trend may reflect structural features not clearly evident in the geophysical data sets.

The Victoria Creek fault as mapped in the survey area is not clearly identifiable from the geophysical survey results. The mapped trace of the fault correlates well with the trends seen in the magnetic and apparent resistivity data sets. However, no significant difference exists between the geophysical responses north and south of this mapped location of the fault. Contact C1 defined from the apparent resistivity data set delineates a marked contrast in the conductive properties of the geology and must be considered as a possible fault.

The Livengood stratigraphic belt is characterized by two distinct geophysical fabrics. The northern portion which encompasses the Livengood dome chert and Amy Creek units is generally resistive and has a generally weak magnetic response. The southern portion is very active in both the magnetic and apparent resistivity data sets and exhibits a high degree of structural deformation. It is clear that faulting and folding of the individual units is very common in this area and to such a degree that the current survey could not hope to resolve the structural regime in this area. Several inferred structural features have been interpreted in this area. These have widely varying trends. Many strong bedrock conductors have been interpreted in this southern portion. Line to line correlation of these discrete responses is very difficult given the density of the responses relative to the nominal survey line separation. Several conductive features have been identified from the apparent resistivity data sets. These should be considered on par with the interpreted discrete conductors since flat-lying conductors may only be identified as lows in the apparent resistivity data sets.

The response from the Beaver Creek stratigraphic belt is generally more conductive but less magnetic than that in the northern portion of the survey area. The general northeast trend is less pervasive in the responses through the area. Magnetic highs C3 and C4 coincide with mapped felsic intrusives. In portions of these features, the strong magnetic response indicates that the composition is more mafic. The lack of correlation between the apparent resistivity lows and the magnetic highs within feature M3 suggests that the mineralization producing the conductive response and the mineralization producing the magnetic response are not associated and indeed may have been introduced through different processes.

CONCLUSIONS and RECOMMENDATIONS

This report provides a brief description of the survey results and describes the equipment, procedures and logistics of the survey.

The total field magnetic and apparent resistivity data sets have successfully mapped the magnetic and conductive characteristics of the lithologies in the survey area. Numerous faults and contacts have been inferred from the survey results.

There are many discrete electromagnetic anomalies in the survey area which are typical of massive sulphide or graphite responses. The survey was also successful in locating a several larger conductive zones which may also warrant additional work.

It is difficult to assess the relative merits of EM anomalies on the basis of conductance alone. It is recommended that an attempt be made to compile a suite of geophysical "signatures" over areas of interest. Anomaly characteristics and correlation with the other geophysical parameters are perhaps best defined on the Multi-parameter Stacked Profiles.

It is recommended that the survey results be reviewed in detail, in conjunction with all available geophysical, geological and geochemical information. Particular reference should be made to the multi-parameter stacked profiles which clearly define the characteristics of the individual anomalies in the identification of target areas. Image processing of existing geophysical data be considered, in order to extract the maximum amount of information from the survey results.

Respectfully submitted,

GEOTERREX-DIGHEM

Jonathan Rudd, P.Eng.
Geophysicist

JCR/sdp R0659BNOV.98

APPENDIX A

LIST OF PERSONNEL

The following personnel were involved in the acquisition, processing, interpretation and presentation of data, relating to a DIGHEM^{V} airborne geophysical survey carried out under contract to Stevens Exploration Management Corp., for the State of Alaska in the Livengood area, East-Central Alaska.

Chris Nind	General Manager, Toronto Office
Greg Paleolog	Manager, Helicopter Operations
Megan Sheffer	Field Geophysicist
Victor Chen	Field Geophysicist
Troy Will	Geophysical Operator
Tim Perry	Pilot (Era Aviation Inc.)
Doug McConnell	Manager, Interpretation and Processing
Gordon Smith	Data Processing Supervisor
Ruth A. Pritchard	Interpretation Geophysicist
Jonathan Rudd	Interpretation Geophysicist
Lyn Vanderstarren	Drafting Supervisor
Susan Pothiah	Word Processing Operator
Albina Tonello	Secretary/Expeditor

The survey consisted of 1,048 miles (1,687 km) of coverage, flown from September 14 to September 18, 1998.

All personnel are employees of Geoterrex-Dighem, except for the pilot who is an employee of Era Aviation Inc.

GEOTERREX-DIGHEM

Jonathan Rudd, P.Eng.
Geophysicist

JCR/sdp

R0659NOV.98

APPENDIX B

BACKGROUND INFORMATION

BACKGROUND INFORMATION

Electromagnetics

DIGHEM electromagnetic responses fall into two general classes, discrete and broad. The discrete class consists of sharp, well-defined anomalies from discrete conductors such as sulphide lenses and steeply dipping sheets of graphite and sulfides. The broad class consists of wide anomalies from conductors having a large horizontal surface such as flatly dipping graphite or sulphide sheets, saline water-saturated sedimentary formations, conductive overburden and rock, and geothermal zones. A vertical conductive slab with a width of 200 m would straddle these two classes.

The vertical sheet (half plane) is the most common model used for the analysis of discrete conductors. All anomalies plotted on the geophysical maps are analyzed according to this model. The following section entitled **Discrete Conductor Analysis** describes this model in detail, including the effect of using it on anomalies caused by broad conductors such as conductive overburden.

The conductive earth (half space) model is suitable for broad conductors. Resistivity contour maps result from the use of this model. A later section entitled **Resistivity Mapping** describes the method further, including the effect of using it on anomalies caused by discrete conductors such as sulphide bodies.

Geometric Interpretation

The geophysical interpreter attempts to determine the geometric shape and dip of the conductor. Figure B-1 shows typical DIGHEM anomaly shapes which are used to guide the geometric interpretation.

Discrete Conductor Analysis

The EM anomalies appearing on the electromagnetic map are analyzed by computer to give the conductance (i.e., conductivity-thickness product) in siemens (mhos) of a vertical sheet model. This is done regardless of the interpreted geometric shape of the conductor. This is not an unreasonable procedure, because the computed conductance increases as the electrical quality of the conductor increases, regardless of its true shape. DIGHEM anomalies are divided into seven grades of conductance, as shown in Table B-1. The conductance in siemens (mhos) is the reciprocal of resistance in ohms.

The conductance value is a geological parameter because it is a characteristic of the conductor alone. It generally is independent of frequency, flying height or depth of burial, apart from the averaging over a greater portion of the conductor as height increases. Small anomalies from deeply buried strong conductors are not confused with small anomalies from shallow weak conductors because the former will have larger conductance values.

Table B-1. EM Anomaly Grades

Anomaly Grade	Siemens
7	> 100
6	50 - 100
5	20 - 50
4	10 - 20
3	5 - 10
2	1 - 5
1	< 1

Conductive overburden generally produces broad EM responses which may not be shown as anomalies on the geophysical maps. However, patchy conductive overburden in otherwise resistive areas can yield discrete anomalies with a conductance grade (cf. Table B-1) of 1, 2 or even 3 for conducting clays which have resistivities as low as 50 ohm-m. In areas where ground resistivities are below 10 ohm-m, anomalies caused by weathering variations and similar causes can have any conductance grade. The anomaly shapes from the multiple coils often allow such conductors to be recognized, and these are indicated by the letters S, H, and sometimes E on the geophysical maps (see EM legend on maps).

For bedrock conductors, the higher anomaly grades indicate increasingly higher conductances. Examples: DIGHEM's New Insco copper discovery (Noranda, Canada) yielded a grade 5 anomaly, as did the neighbouring copper-zinc Magusi River ore body; Mattabi (copper-zinc, Sturgeon Lake, Canada) and Whistle (nickel, Sudbury, Canada) gave grade 6; and DIGHEM's Montcalm nickel-copper discovery (Timmins, Canada) yielded a grade 7 anomaly. Graphite and sulfides can span all grades but, in any particular survey area, field work may show that the different grades indicate different types of conductors.

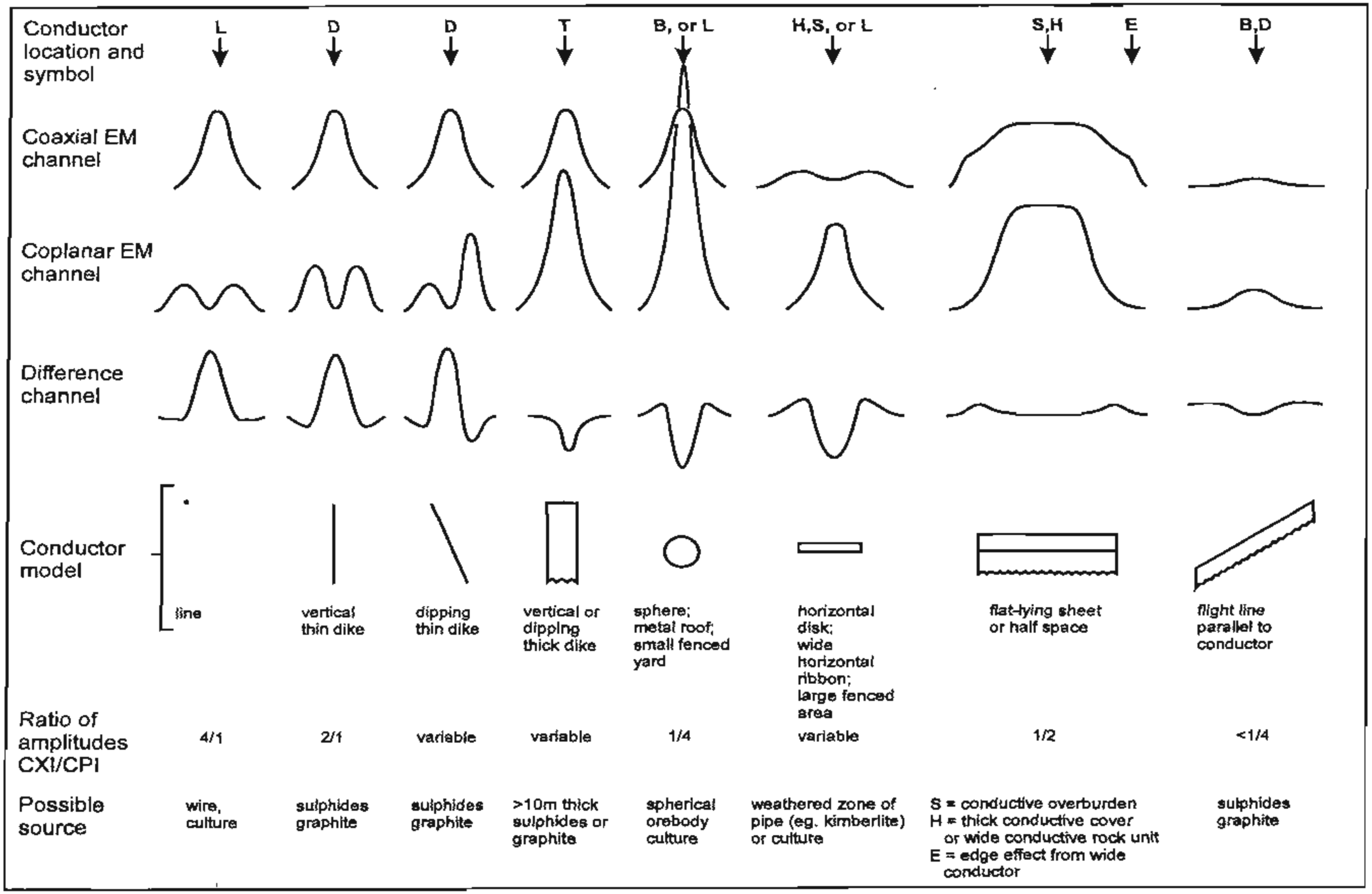
Strong conductors (i.e., grades 6 and 7) are characteristic of massive sulfides or graphite. Moderate conductors (grades 4 and 5) typically reflect graphite or sulfides of a less massive character, while weak bedrock conductors (grades 1 to 3) can signify poorly connected graphite or heavily disseminated sulfides. Grades 1 and 2 conductors may not respond to ground EM equipment using frequencies less than 2000 Hz.

The presence of sphalerite or gangue can result in ore deposits having weak to moderate conductances. As an example, the three million ton lead-zinc deposit of Restigouche Mining Corporation near Bathurst, Canada, yielded a well-defined grade 2 conductor. The 10 percent by volume of sphalerite occurs as a coating around the fine grained massive pyrite, thereby inhibiting electrical conduction. Faults, fractures and shear zones may produce anomalies which typically have low conductances (e.g., grades 1 to 3). Conductive rock formations can yield anomalies of any conductance grade. The conductive materials in such rock formations can be salt water, weathered products such as clays, original depositional clays, and carbonaceous material.

For each interpreted electromagnetic anomaly on the geophysical maps, a letter identifier and an interpretive symbol are plotted beside the EM grade symbol. The horizontal rows of dots, under the interpretive symbol, indicate the anomaly amplitude on the flight record. The vertical column of dots, under the anomaly letter, gives the estimated depth. In areas where anomalies are crowded, the letter identifiers, interpretive symbols and dots may be obliterated. The EM grade symbols, however, will always be discernible, and the obliterated information can be obtained from the anomaly listing appended to this report.

The purpose of indicating the anomaly amplitude by dots is to provide an estimate of the reliability of the conductance calculation. Thus, a conductance value obtained from a large ppm anomaly (3 or 4 dots) will tend to be accurate whereas one obtained from a small ppm anomaly (no dots) could be quite inaccurate. The absence of amplitude dots indicates that the anomaly from the coaxial coil-pair is 5 ppm or less on both the inphase and quadrature channels. Such small anomalies could reflect a weak conductor at the surface or a stronger conductor at depth. The conductance grade and depth estimate illustrates which of these possibilities fits the recorded data best.

The conductance measurement is considered more reliable than the depth estimate. There are a number of factors which can produce an error in the depth estimate, including the averaging of topographic variations by the altimeter, overlying conductive overburden, and the location and attitude of the conductor relative to the flight line. Conductor location and attitude can provide an erroneous depth estimate because the stronger part of the conductor may be deeper or to one side of the flight line, or because it has a shallow dip. A heavy tree cover can also produce errors in depth estimates. This is because the depth estimate is computed as the distance of bird from conductor, minus the altimeter reading. The altimeter can lock onto the top of a dense forest canopy. This situation yields an erroneously large depth estimate but does not affect the conductance estimate.



Typical DIGHEM anomaly shapes

Figure B-1

Dip symbols are used to indicate the direction of dip of conductors. These symbols are used only when the anomaly shapes are unambiguous, which usually requires a fairly resistive environment.

A further interpretation is presented on the EM map by means of the line-to-line correlation of bedrock anomalies, which is based on a comparison of anomaly shapes on adjacent lines. This provides conductor axes which may define the geological structure over portions of the survey area. The absence of conductor axes in an area implies that anomalies could not be correlated from line to line with reasonable confidence.

DIGHEM electromagnetic anomalies are designed to provide a correct impression of conductor quality by means of the conductance grade symbols. The symbols can stand alone with geology when planning a follow-up program. The actual conductance values are printed in the attached anomaly list for those who wish quantitative data. The anomaly ppm and depth are indicated by inconspicuous dots which should not distract from the conductor patterns, while being helpful to those who wish this information. The map provides an interpretation of conductors in terms of length, strike and dip, geometric shape, conductance, depth, and thickness. The accuracy is comparable to an interpretation from a high quality ground EM survey having the same line spacing.

The attached EM anomaly list provides a tabulation of anomalies in ppm, conductance, and depth for the vertical sheet model. The EM anomaly list also shows the conductance and depth for a thin horizontal sheet (whole plane) model, but only the vertical sheet parameters appear on the EM map. The horizontal sheet model is suitable for a flatly dipping thin bedrock conductor such as a sulphide sheet having a thickness less than 10 m. The list also shows the resistivity and depth for a conductive earth (half space) model, which is suitable for thicker slabs such as thick conductive overburden. In the EM anomaly list, a depth value of zero for the conductive earth model, in an area of thick cover, warns that the anomaly may be caused by conductive overburden.

Since discrete bodies normally are the targets of EM surveys, local base (or zero) levels are used to compute local anomaly amplitudes. This contrasts with the use of true zero levels which are used to compute true EM amplitudes. Local anomaly amplitudes are shown in the EM anomaly list and these are used to compute the vertical sheet parameters of conductance and depth. Not shown in the EM anomaly list are the true amplitudes which are used to compute the horizontal sheet and conductive earth parameters.

Questionable Anomalies

DIGHEM maps may contain EM responses which are displayed as asterisks (*). These responses denote weak anomalies of indeterminate conductance, which may reflect one of the following: a weak conductor near the surface, a strong conductor at depth (e.g., 100 to 120 m below surface) or to one side of the flight line, or aerodynamic noise. Those responses that have the appearance of valid bedrock anomalies on the flight profiles are indicated by appropriate interpretive symbols (see EM legend on maps). The others probably do not warrant further investigation unless their locations are of considerable geological interest.

The Thickness Parameter

DIGHEM can provide an indication of the thickness of a steeply dipping conductor. The amplitude of the coplanar anomaly (e.g., CPI channel on the digital profile) increases relative to the coaxial anomaly (e.g., CXI) as the apparent thickness increases, i.e., the thickness in the horizontal plane. (The thickness is equal to the conductor width if the conductor dips at 90 degrees and strikes at right angles to the flight line.) This report refers to a conductor as thin when the thickness is likely to be less than 3 m, and thick when in excess of 10 m. Thick conductors are indicated on the EM map by parentheses "( )". For base metal exploration in steeply dipping geology, thick conductors can be high priority targets because many massive sulphide ore bodies are thick, whereas non-economic bedrock conductors are often thin. The system cannot sense the thickness when the strike of the conductor is subparallel to the flight line, when the conductor has a shallow dip, when the anomaly amplitudes are small, or when the resistivity of the environment is below 100 ohm-m.

Resistivity Mapping

Resistivity mapping is useful in areas where broad or flat lying conductive units are of interest. One example of this is the clay alteration that is associated with Carlin-type deposits in the south west United States. The DIGHEM system was able to identify the clay alteration zone over the Cove deposit. The alteration zone appeared as a strong resistivity low on the 900 Hz resistivity parameter. The 7,200 Hz and 56,000 Hz resistivities show more of the detail in the covering sediments, and delineate a range front fault. This is typical in many areas of the southwest United States where conductive, near-surface sediments, which may sometimes be alkalic, attenuate the higher frequencies.

Resistivity mapping has proven successful for locating diatremes in diamond exploration. Weathering products from relatively soft kimberlite pipes produce a resistivity contrast with the unaltered host rock. In many cases weathered kimberlite pipes were associated with thick conductive layers which contrasted with overlying or adjacent relatively thin layers of lake bottom sediments or overburden.

- Appendix B -

Areas of widespread conductivity are commonly encountered during surveys. These conductive zones may reflect alteration zones, shallow-dipping sulphide or graphite-rich units or conductive overburden. In such areas, anomalies can be generated by decreases of only 5 m in survey altitude as well as by increases in conductivity. The typical flight record in conductive areas is characterized by inphase and quadrature channels which are continuously active. Local EM peaks reflect either increases in conductivity of the earth or decreases in survey altitude. For such conductive areas, apparent resistivity profiles and contour maps are necessary for the correct interpretation of the airborne data. The advantage of the resistivity parameter is that anomalies caused by altitude changes are virtually eliminated, so the resistivity data reflect only those anomalies caused by conductivity changes. The resistivity analysis also helps the interpreter to differentiate between conductive bedrock and conductive overburden. For example, discrete conductors will generally appear as narrow lows on the contour map and broad conductors (e.g., overburden) will appear as wide lows.

The apparent resistivity is calculated using the pseudo-layer (or buried) half space model defined by Fraser (1978)[1]. This model consists of a resistive layer overlying a conductive half space. The depth channels give the apparent depth below surface of the conductive material. The apparent depth is simply the apparent thickness of the overlying resistive layer. The apparent depth (or thickness) parameter will be positive when the upper layer is more resistive than the underlying material, in which case the apparent depth may be quite close to the true depth.

The apparent depth will be negative when the upper layer is more conductive than the underlying material, and will be zero when a homogeneous half space exists. The apparent depth parameter must be interpreted cautiously because it will contain any errors which may exist in the measured altitude of the EM bird (e.g., as caused by a dense tree cover). The inputs to the resistivity algorithm are the inphase and quadrature components of the coplanar coil-pair. The outputs are the apparent resistivity of the conductive half space (the source) and the sensor-source distance. The flying height is not an input variable, and the output resistivity and sensor-source distance are independent of the flying height when the conductivity of the measured material is sufficient to yield significant inphase as well as quadrature responses. The apparent depth, discussed above, is simply the sensor-source distance minus the measured altitude or flying height. Consequently, errors in the measured altitude will affect the apparent depth parameter but not the apparent resistivity parameter.

---

[1] Resistivity mapping with an airborne multicoil electromagnetic system: Geophysics, v. 43, p.144-172

The apparent depth parameter is a useful indicator of simple layering in areas lacking a heavy tree cover. The DIGHEM system has been flown for purposes of permafrost mapping, where positive apparent depths were used as a measure of permafrost thickness. However, little quantitative use has been made of negative apparent depths because the absolute value of the negative depth is not a measure of the thickness of the conductive upper layer and, therefore, is not meaningful physically. Qualitatively, a negative apparent depth estimate usually shows that the EM anomaly is caused by conductive overburden. Consequently, the apparent depth channel can be of significant help in distinguishing between overburden and bedrock conductors.

Interpretation in Conductive Environments

Environments having low background resistivities (e.g., below 30 ohm-m for a 900 Hz system) yield very large responses from the conductive ground. This usually prohibits the recognition of discrete bedrock conductors. However, DIGHEM data processing techniques produce three parameters which contribute significantly to the recognition of bedrock conductors in conductive environments. These are the inphase and quadrature difference channels (DFI and DFQ, which are available only on systems with common frequencies on orthogonal coil pairs), and the resistivity and depth channels (RES and DP) for each coplanar frequency.

The EM difference channels (DFI and DFQ) eliminate most of the responses from conductive ground, leaving responses from bedrock conductors, cultural features (e.g., telephone lines, fences, etc.) and edge effects. Edge effects often occur near the perimeter of broad conductive zones. This can be a source of geologic noise. While edge effects yield anomalies on the EM difference channels, they do not produce resistivity anomalies. Consequently, the resistivity channel aids in eliminating anomalies due to edge effects. On the other hand, resistivity anomalies will coincide with the most highly conductive sections of conductive ground, and this is another source of geologic noise. The recognition of a bedrock conductor in a conductive environment therefore is based on the anomalous responses of the two difference channels (DFI and DFQ) and the resistivity channels (RES). The most favourable situation is where anomalies coincide on all channels.

The DP channels, which give the apparent depth to the conductive material, also help to determine whether a conductive response arises from surficial material or from a conductive zone in the bedrock. When these channels ride above the zero level on the digital profiles (i.e., depth is negative), it implies that the EM and resistivity profiles are responding primarily to a conductive upper layer, i.e., conductive overburden. If the DP channels are below the zero level, it indicates that a resistive upper layer exists, and this usually implies the existence of a bedrock conductor. If the low frequency DP channel is below the zero level and the high frequency DP is above, this suggests that a bedrock conductor occurs beneath conductive cover.

The conductance channel CDT identifies discrete conductors which have been selected by computer for appraisal by the geophysicist. Some of the anomalies in the CDT channel have been discarded by the geophysicist. The automatic selection algorithm is intentionally oversensitive to assure that no meaningful responses are missed. The interpreter then classifies the anomalies according to their source and eliminates those that are not substantiated by the data, such as those arising from geologic or aerodynamic noise.

Reduction of Geologic Noise

Geologic noise refers to unwanted geophysical responses. For purposes of airborne EM surveying, geologic noise refers to EM responses caused by conductive overburden and magnetic permeability. It was mentioned previously that the EM difference channels (i.e., channel DFI for inphase and DFQ for quadrature) tend to eliminate the response of conductive overburden.

Magnetite produces a form of geological noise on the inphase channels of all EM systems. Rocks containing less than 1% magnetite can yield negative inphase anomalies caused by magnetic permeability. When magnetite is widely distributed throughout a survey area, the inphase EM channels may continuously rise and fall, reflecting variations in the magnetite percentage, flying height, and overburden thickness. This can lead to difficulties in recognizing deeply buried bedrock conductors, particularly if conductive overburden also exists. However, the response of broadly distributed magnetite generally vanishes on the inphase difference channel DFI. This feature can be a significant aid in the recognition of conductors which occur in rocks containing accessory magnetite.

EM Magnetite Mapping

The information content of DIGHEM data consists of a combination of conductive eddy current responses and magnetic permeability responses. The secondary field resulting from conductive eddy current flow is frequency-dependent and consists of both inphase and quadrature components, which are positive in sign. On the other hand, the secondary field resulting from magnetic permeability is independent of frequency and consists of only an inphase component which is negative in sign. When magnetic permeability manifests itself by decreasing the measured amount of positive inphase, its presence may be difficult to recognize. However, when it manifests itself by yielding a negative inphase anomaly (e.g., in the absence of eddy current flow), its presence is assured. In this latter case, the negative component can be used to estimate the percent magnetite content.

A magnetite mapping technique was developed for the coplanar coil-pair of DIGHEM. The method can be complementary to magnetometer mapping in certain cases. Compared to magnetometry, it is far less sensitive but is more able to resolve closely spaced magnetite zones, as well as providing an estimate of the amount of magnetite in the rock. The method is sensitive to 1/4% magnetite by weight when the EM sensor is at a height of 30 m above a magnetitic half space. It can individually resolve steep dipping narrow magnetite-rich bands which are separated by 60 m. Unlike magnetometry, the EM magnetite method is unaffected by remanent magnetism or magnetic latitude.

The EM magnetite mapping technique provides estimates of magnetite content which are usually correct within a factor of 2 when the magnetite is fairly uniformly distributed. EM magnetite maps can be generated when magnetic permeability is evident as negative inphase responses on the data profiles.

Like magnetometry, the EM magnetite method maps only bedrock features, provided that the overburden is characterized by a general lack of magnetite. This contrasts with resistivity mapping which portrays the combined effect of bedrock and overburden.

Recognition of Culture

Cultural responses include all EM anomalies caused by man-made metallic objects. Such anomalies may be caused by inductive coupling or current gathering. The concern of the interpreter is to recognize when an EM response is due to culture. Points of consideration used by the interpreter, when coaxial and coplanar coil-pairs are operated at a common frequency, are as follows:

1. Channels CXP and CPP monitor 60 Hz radiation. An anomaly on these channels shows that the conductor is radiating power. Such an indication is normally a guarantee that the conductor is cultural. However, care must be taken to ensure that the conductor is not a geologic body which strikes across a power line, carrying leakage currents.

2. A flight which crosses a "line" (e.g., fence, telephone line, etc.) yields a centre-peaked coaxial anomaly and an m-shaped coplanar anomaly.[2] When the flight

[2] See Figure B-1 presented earlier.

crosses the cultural line at a high angle of intersection, the amplitude ratio of coaxial/coplanar response is 4. Such an EM anomaly can only be caused by a line. The geologic body which yields anomalies most closely resembling a line is the vertically dipping thin dike. Such a body, however, yields an amplitude ratio of 2 rather than 4. Consequently, an m-shaped coplanar anomaly with a CXI/CPI amplitude ratio of 4 is virtually a guarantee that the source is a cultural line.

3. A flight which crosses a sphere or horizontal disk yields centre-peaked coaxial and coplanar anomalies with a CXI/CPI amplitude ratio (i.e., coaxial/coplanar) of 1/4. In the absence of geologic bodies of this geometry, the most likely conductor is a metal roof or small fenced yard.[3] Anomalies of this type are virtually certain to be cultural if they occur in an area of culture.

4. A flight which crosses a horizontal rectangular body or wide ribbon yields an m-shaped coaxial anomaly and a centre-peaked coplanar anomaly. In the absence of geologic bodies of this geometry, the most likely conductor is a large fenced area.[5] Anomalies of this type are virtually certain to be cultural if they occur in an area of culture.

5. EM anomalies which coincide with culture, as seen on the camera film or video display, are usually caused by culture. However, care is taken with such coincidences because a geologic conductor could occur beneath a fence, for example. In this example, the fence would be expected to yield an m-shaped coplanar anomaly as in case #2 above. If, instead, a centre-peaked coplanar anomaly occurred, there would be concern that a thick geologic conductor coincided with the cultural line.

6. The above description of anomaly shapes is valid when the culture is not conductively coupled to the environment. In this case, the anomalies arise from inductive coupling to the EM transmitter. However, when the environment is quite conductive (e.g., less than 100 ohm-m at 900 Hz), the cultural conductor may be conductively coupled to the environment. In this latter case, the anomaly shapes tend to be governed by current gathering. Current gathering can completely distort the anomaly shapes, thereby complicating the identification of cultural anomalies. In such circumstances, the interpreter can only rely on the radiation channels and on the camera film or video records.

---

[3] It is a characteristic of EM that geometrically similar anomalies are obtained from: (1) a planar conductor, and (2) a wire which forms a loop having dimensions identical to the perimeter of the equivalent planar conductor.

- Appendix B -

Magnetics

Total field magnetics provides information on the magnetic properties of the earth materials in the survey area. The information can be used to locate magnetic bodies of direct interest for exploration, and for structural and lithological mapping.

The total field magnetic response reflects the abundance of magnetic material, in the source. Magnetite is the most common magnetic mineral. Other minerals such as ilmenite, pyrrhotite, franklinite, chromite, hematite, arsenopyrite, limonite and pyrite are also magnetic, but to a lesser extent than magnetite on average.

In some geological environments, an EM anomaly with magnetic correlation has a greater likelihood of being produced by sulphides than one that is non-magnetic. However, sulphide ore bodies may be non-magnetic (e.g., the Kidd Creek deposit near Timmins, Canada) as well as magnetic (e.g., the Mattabi deposit near Sturgeon Lake, Canada).

Iron ore deposits will be anomalously magnetic in comparison to surrounding rock due to the concentration of iron minerals such as magnetite, ilmenite and hematite.

Changes in magnetic susceptibility often allow rock units to be differentiated based on the total field magnetic response. Geophysical classifications may differ from geological classifications if various magnetite levels exist within one general geological classification. Geometric considerations of the source such as shape, dip and depth, inclination of the earth's field and remanent magnetization will complicate such an analysis.

In general, mafic lithologies contain more magnetite and are therefore more magnetic than many sediments which tend to be weakly magnetic. Metamorphism and alteration can also increase or decrease the magnetization of a rock unit.

Textural differences on a total field magnetic contour, colour or shadow map due to the frequency of activity of the magnetic parameter resulting from inhomogeneities in the distribution of magnetite within the rock, may define certain lithologies. For example, near surface volcanics may display highly complex contour patterns with little line-to-line correlation.

Rock units may be differentiated based on the plan shapes of their total field magnetic responses. Mafic intrusive plugs can appear as isolated "bulls-eye" anomalies. Granitic intrusives appear as sub-circular zones, and may have contrasting rings due to contact metamorphism. Generally, granitic terrain will lack a pronounced strike direction, although granite gneiss may display strike.

Linear north-south units are theoretically not well-defined on total field magnetic maps in equatorial regions due to the low inclination of the earth's magnetic field. However, most stratigraphic units will have variations in composition along strike which will cause the units to appear as a series of alternating magnetic highs and lows.

Faults and shear zones may be characterized by alteration that causes destruction of magnetite (e.g., weathering) which produces a contrast with surrounding rock. Structural breaks may be filled by magnetite-rich, fracture filling material as is the case with diabase dikes, or by non-magnetic felsic material.

Faulting can also be identified by patterns in the magnetic total field contours or colours. Faults and dikes tend to appear as lineaments and often have strike lengths of several kilometres. Offsets in narrow, magnetic, stratigraphic trends also delineate structure. Sharp contrasts in magnetic lithologies may arise due to large displacements along strike-slip or dip-slip faults.

APPENDIX C

DIGITAL ARCHIVE DESCRIPTION

- Appendix C -

DIGITAL ARCHIVE DESCRIPTION

FINAL ARCHIVE

FINAL DATA ARCHIVE FOR THE DIGHEM ELECTROMAGNETIC/MAGNETIC SURVEY OF PART OF THE LIVENGOOD MINING DISTRICT, CENTRAL LIVENGOOD QUADRANGLE, ALASKA. THIS ARCHIVE HAS BEEN COMPILED UNDER CONTRACT BETWEEN THE STATE OF ALASKA, DEPARTMENT OF NATURAL RESOURCES, DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS (DGGS), AND STEVENS EXPLORATION MANAGEMENT CORP. AIRBORNE GEOPHYSICAL DATA FOR THE AREA WERE ACQUIRED AND PROCESSED BY GEOTERREX-DIGHEM, A DIVISION OF CGG CANADA LTD. THE SURVEY WAS FLOWN FROM SEPTEMBER 14 TO 18, 1998. BOTH THE EM AND MAGNETOMETER DATA WERE ACQUIRED AT A NOMINAL SURVEY ALTITUDE OF 100 FEET (30 METRES)

THIS ARCHIVE IS CONTAINED ON 1 CD-ROM. IT CONTAINS ONE MAIN DIRECTORY: \LIVENGOOD.
WITHIN THIS MAIN DIRECTORY THERE ARE TWO SUB-DIRECTORIES \GS_FILES AND \GS_XYZ.

THE \GS_FILES DIRECTORY CONTAINS ALL THE FILES LISTED BELOW. THEY ARE CONTAINED IN FOUR SUB-DIRECTORIES.

\GRD
\GXF
\PLT
\DXF

CONTENTS AS FOLLOWS:

SUB-DIRECTORY \GRD CONTAINS GEOSOFT FORMAT GRIDS OF THE LIVENGOOD MINING DISTRICT (.GRD). THE PRODUCT NAMES ARE:

Lg_R56	APPARENT RESISTIVITY 56406 Hz
Lg_R72	APPARENT RESISTIVITY 7180 Hz
Lg_R900	APPARENT RESISTIVITY 877 Hz
Lg_TFM	TOTAL FIELD MAGNETICS (IGRF GRADIENT REMOVED)

SUB-DIRECTORY \GXF CONTAINS ASCII GRIDS OF THE LIVENGOOD MINING DISTRICT (.GXF). THE PRODUCT NAMES ARE:

Lg_R56	APPARENT RESISTIVITY 56406 Hz
Lg_R72	APPARENT RESISTIVITY 7180 Hz
Lg_R900	APPARENT RESISTIVITY 877 Hz
Lg_TFM	TOTAL FIELD MAGNETICS (IGRF GRADIENT REMOVED)

SUB-DIRECTORY \PLT CONTAINS GEOSOFT FORMAT VECTORS (AND ASSOCIATED ATTRIBUTE FILES - .ATT) OF THE LIVENGOOD MINING DISTRICT (.PLT). THE PRODUCT NAMES ARE:

Lg_AN	INTERPRETED ANOMALIES
Lg_fp	FLIGHT PATH
Lg_stgd	ALASKA STATE GRID
Lg_R56	APPARENT RESISTIVITY 56406 Hz CONTOURS
Lg_R72	APPARENT RESISTIVITY 7180 Hz CONTOURS
Lg_R900	APPARENT RESISTIVITY 877 Hz CONTOURS
Lg_TFM	TOTAL FIELD MAGNETICS (IGRF GRADIENT REMOVED) CONTOURS

SUB-DIRECTORY \DXF CONTAINS DXF FORMAT VECTORS OF THE LIVENGOOD MINING DISTRICT (.DXF). THE PRODUCT NAMES ARE:

Lg_AN	INTERPRETED ANOMALIES
Lg_fp	FLIGHT PATH
Lg_stgd	ALASKA STATE GRID
Lg_R56	APPARENT RESISTIVITY 56406 Hz CONTOURS
Lg_R72	APPARENT RESISTIVITY 7180 Hz CONTOURS
Lg_R900	APPARENT RESISTIVITY 877 Hz CONTOURS
Lg_TFM	TOTAL FIELD MAGNETICS (IGRF GRADIENT REMOVED) CONTOURS

THE SECOND MAIN DIRECTORY; \GS_XYZ (GEOSOFT XYZ DATA) CONTAINS THE FOLLOWING FILES:

Lg_anoms.xyz	- GEOSOFT FORMAT ARCHIVE OF THE ANOMALY DATABASE
Livegood.xyz	- GEOSOFT FORMAT ARCHIVE OF THE MAIN SURVEY DATABASE
Lgxyz_format.doc	- MS-WORD DOCUMENT DESCRIBING THE CONTENTS OF Livegood.XYZ
Lgxyz_format.txt	- MS-DOS TEXT DOCUMENT DESCRIBING THE CONTENTS OF Livegood.XYZ

JOB TITLE: LIVENGOOD MINING DISTRICT,
CENTRAL LIVENGOOD QUADRANGLE, ALASKA
DIGHEM SURVEY SEPTEMBER, 1998

- Appendix C –

JOB # :659
TYPE OF SURVEY :DIGHEM EM, MAGNETICS, RESISTIVITY
AREA :PART OF THE LIVENGOOD MINING DISTRICT, ALASKA
CLIENT :STATE OF ALASKA - DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS (DGGS)

****

SURVEY DATA FORMAT:
------------------ 99 (MAX 100 PARMETERS !)

NUMBER OF DATA FIELDS : 28

#	PARAMETER	TIME	|>>> UNITS/DESCRIPTION <<<|	# BYTES	decimals
1	X	.10	METERS UTME-NAD27	12	1
2	Y	.10	METERS UTMN-NAD27	12	1
3	FID	.10	FIDUCIAL COUNTER	8	1
4	FLIGHT	.10	FLIGHT NUMBER	4	0
5	MAG	.10	NT FINAL TOTAL FIELD MAGNETICS	10	2
6	MAGIGRF	.10	NT MAGNETICS (IGRF GRADIENT REMOVED)	10	2
7	LAT	1.00	LATITUDE - WGS84	12	6
8	LON	1.00	LONGITUDE - WGS84	12	6
9	BIRDHITE	.10	FEET SENSOR HEIGHT ABOVE TERRAIN	8	2
10	DEM	.10	METERS DIGITAL ELEVATION MODEL	8	1
11	CXI900	.10	PPM INPHASE COAXIAL 1104HZ	8	1
12	CXQ900	.10	PPM QUADRATURE COAXIAL 1104HZ	8	1
13	CPI900	.10	PPM INPHASE COPLANAR 877HZ	8	1
14	CPQ900	.10	PPM QUADRATURE COPLANAR 877HZ	8	1
15	CXI5500	.10	PPM INPHASE COAXIAL 5935HZ	8	1
16	CXQ5500	.10	PPM QUADRATURE COAXIAL 5935HZ	8	1
17	CPI7200	.10	PPM INPHASE COPLANAR 7180HZ	8	1
18	CPQ7200	.10	PPM QUADRATURE COPLANAR 7180HZ	8	1
19	CPI56K	.10	PPM INPHASE COPLANAR 56406HZ	8	1
20	CPQ56K	.10	PPM QUADRATURE COPLANAR 56406HZ	8	1
21	RES56K	.10	OHM-M APPARENT RESISTIVITY 56406HZ	8	1
22	DP56K	.10	METERS CALCULATED DEPTH 56406HZ	8	1
23	RES7200	.10	OHM-M APPARENT RESISTIVITY 7180HZ	8	1
24	DP7200	.10	METERS CALCULATED DEPTH 7180HZ	8	1
25	RES900	.10	OHM-M APPARENT RESISTIVITY 877HZ	8	1
26	DP900	.10	METERS CALCULATED DEPTH 877HZ	8	1
27	DIFI	.10	DIFFERENCE FUNCTION CALCULATED FROM THE COAXIAL 1104HZ AND COPLANAR 877HZ INPHASE DATA	8	1
28	DIFQ	.10	DIFFERENCE FUNCTION CALCULATED FROM THE COAXIAL 1104HZ AND COPLANAR 877HZ QUADRATURE DATA	8	1

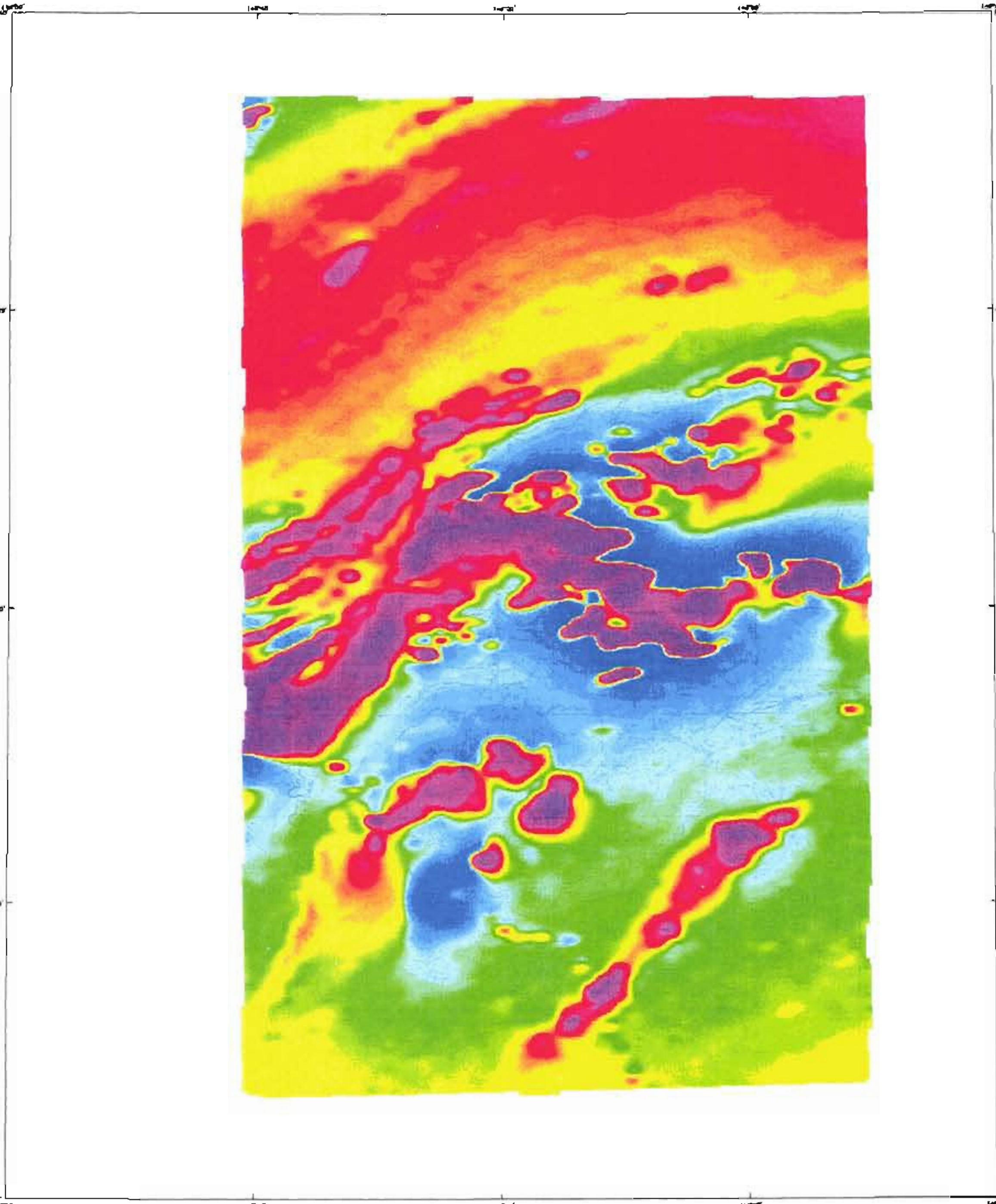
- Appendix C -

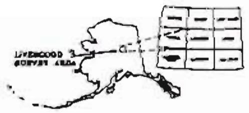
BY WHOM :CGG GEOTERREX-DIGHEM

2270 ARGENTIA ROAD, UNIT 2
MISSISSAUGA, ONTARIO,
CANADA L4Z 1X1
TEL. (905) 812-0212
FAX (905) 812-1504
JANUARY, 1999

APPENDIX D

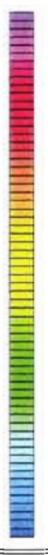
MAP INDICES





DESCRIPTIVE NOTES

TOTAL FIELD MAGNETICS

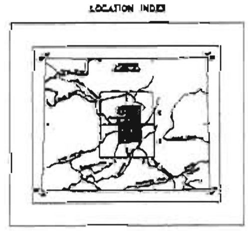


TOTAL FIELD MAGNETICS OF PART OF THE LIVENGOOD MINING DISTRICT, ALASKA

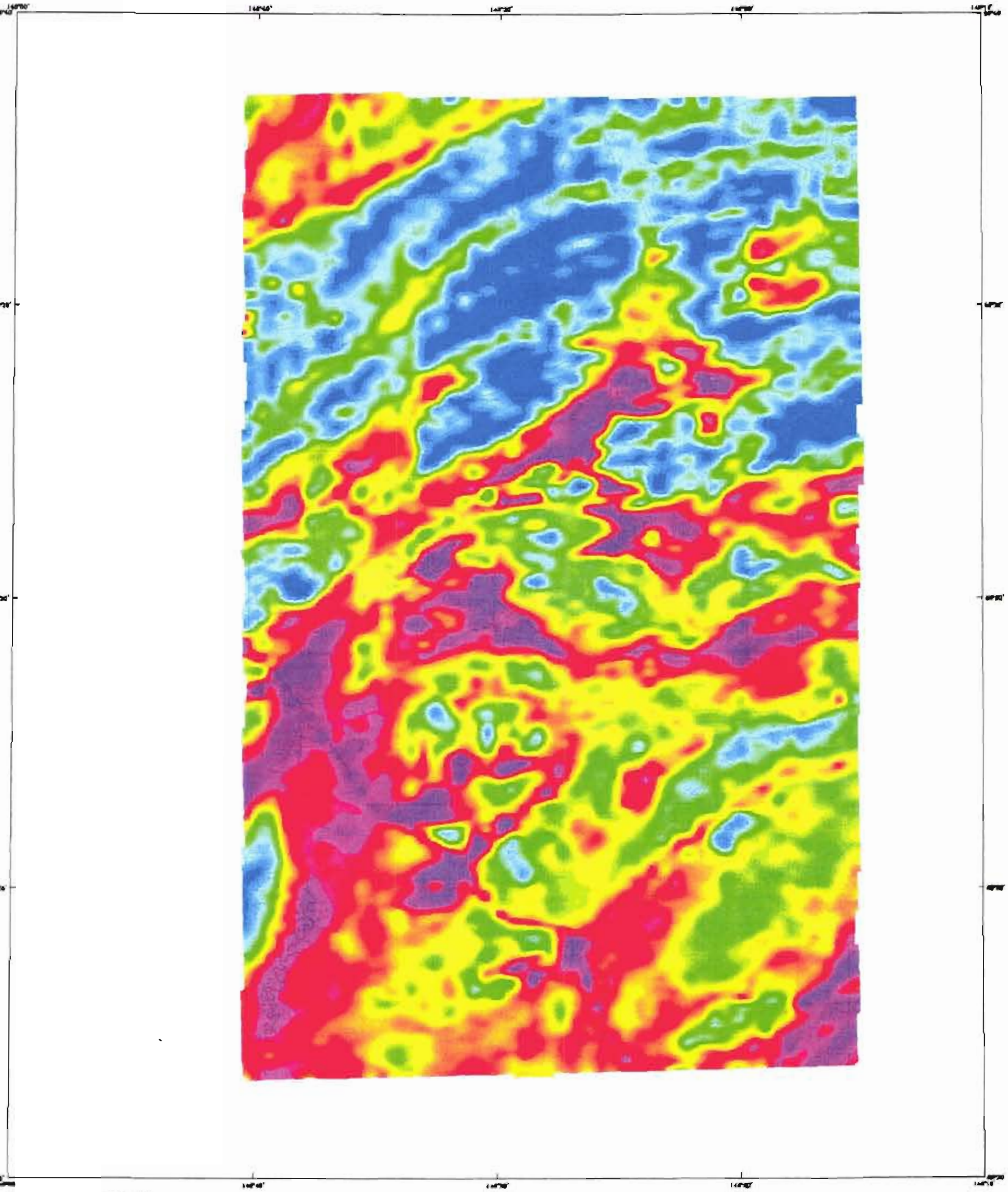
CENTRAL LIVENGOOD QUADRANGLE

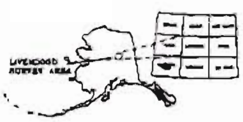
1999

LOCATION INDEX



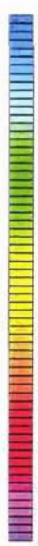
SURVEY HISTORY





DESCRIPTIVE NOTES

RESISTIVITY

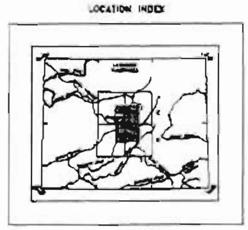


900 Hz COPLANAR RESISTIVITY OF PART OF THE LIVENGOOD MINING DISTRICT, ALASKA

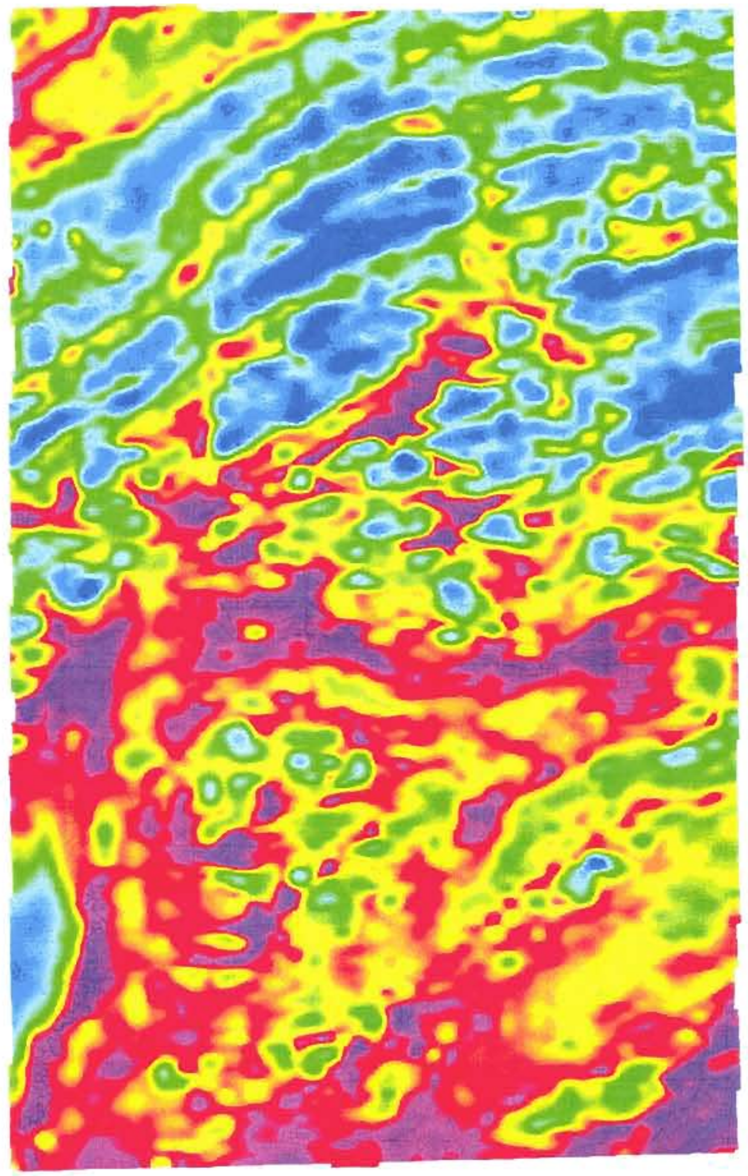
CENTRAL LIVENGOOD QUADRANGLE

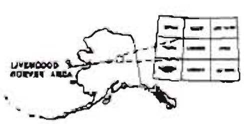
1999

LOCATION INDEX



SURVEY HISTORY





DESCRIPTIVE NOTES

[illegible]

RESISTIVITY

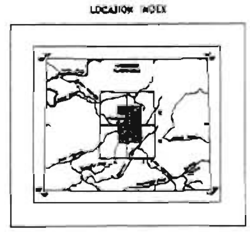
[illegible]

7200 Hz COPLANAR RESISTIVITY OF PART OF THE LIVENGOOD MINING DISTRICT, ALASKA

CENTRAL LIVENGOOD QUADRANGLE

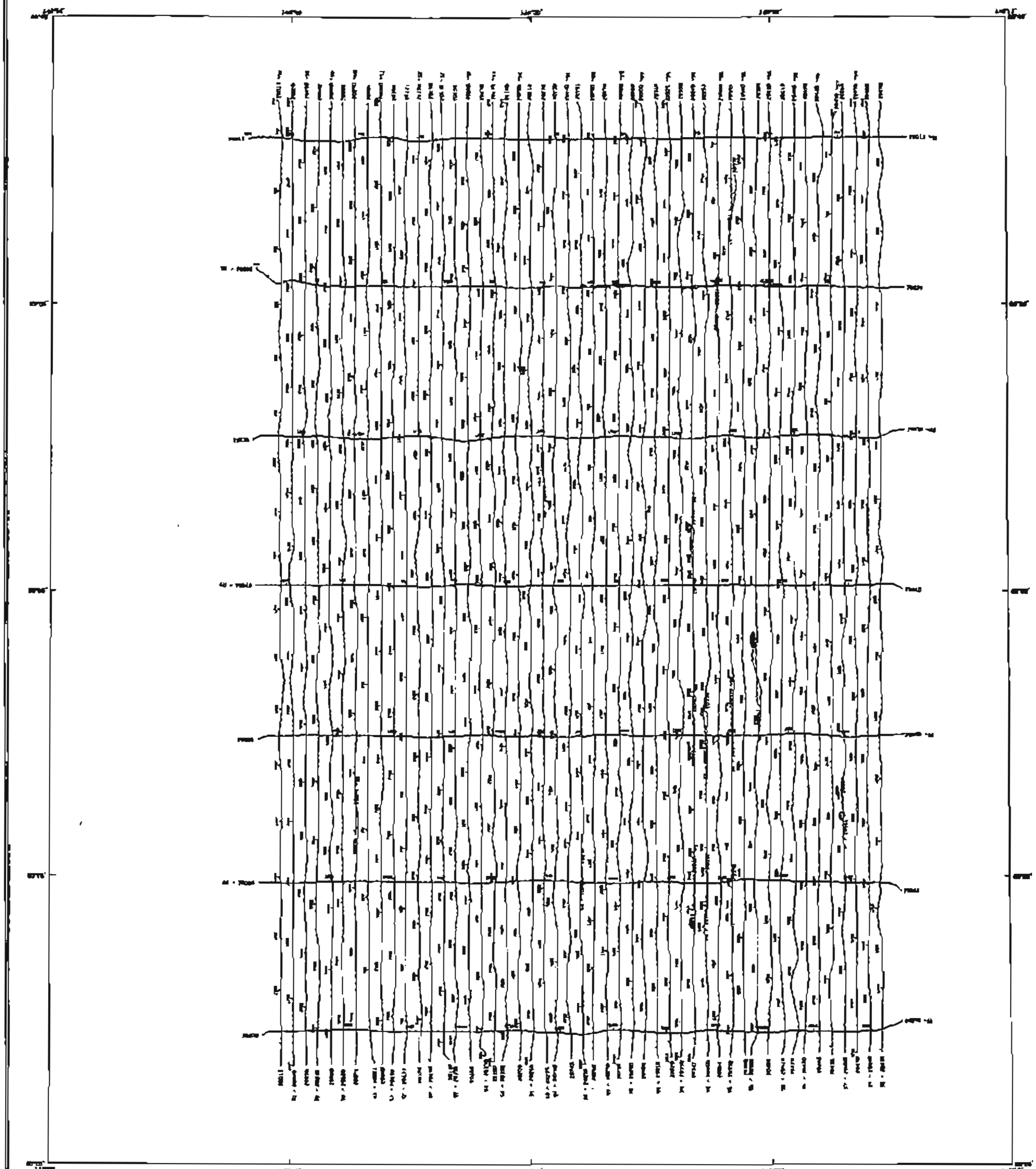
1999

LOCATION INDEX



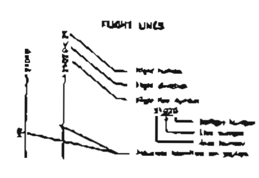
SURVEY HISTORY

[illegible]



DESCRIPTIVE NOTES

FLIGHT LINES

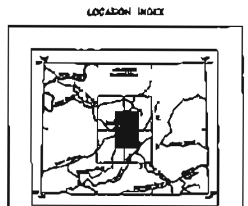


FLIGHT LINES OF PART OF THE LIVENGOOD MINING DISTRICT, ALASKA

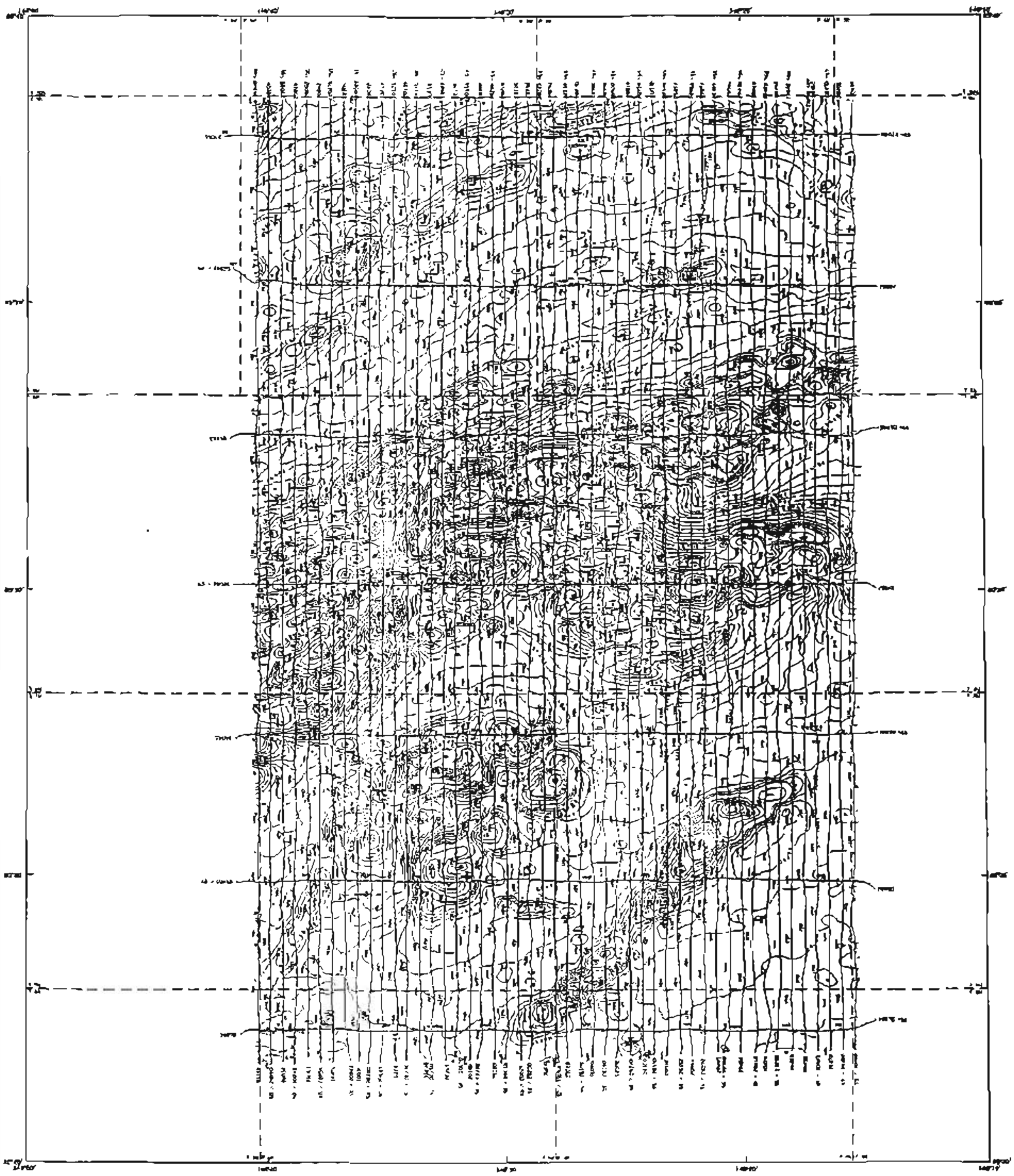
CENTRAL LIVENGOOD QUADRANGLE

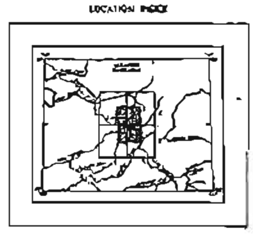
1989

LOCATION INDEX



SURVEY HISTORY





TOTAL FIELD MAGNETICS AND ELECTROMAGNETIC ANOMALIES OF PART OF THE LIVENGOOD MINING DISTRICT, ALASKA

CENTRAL LIVENGOOD QUADRANGLE

1999

DESCRIPTIVE NOTES

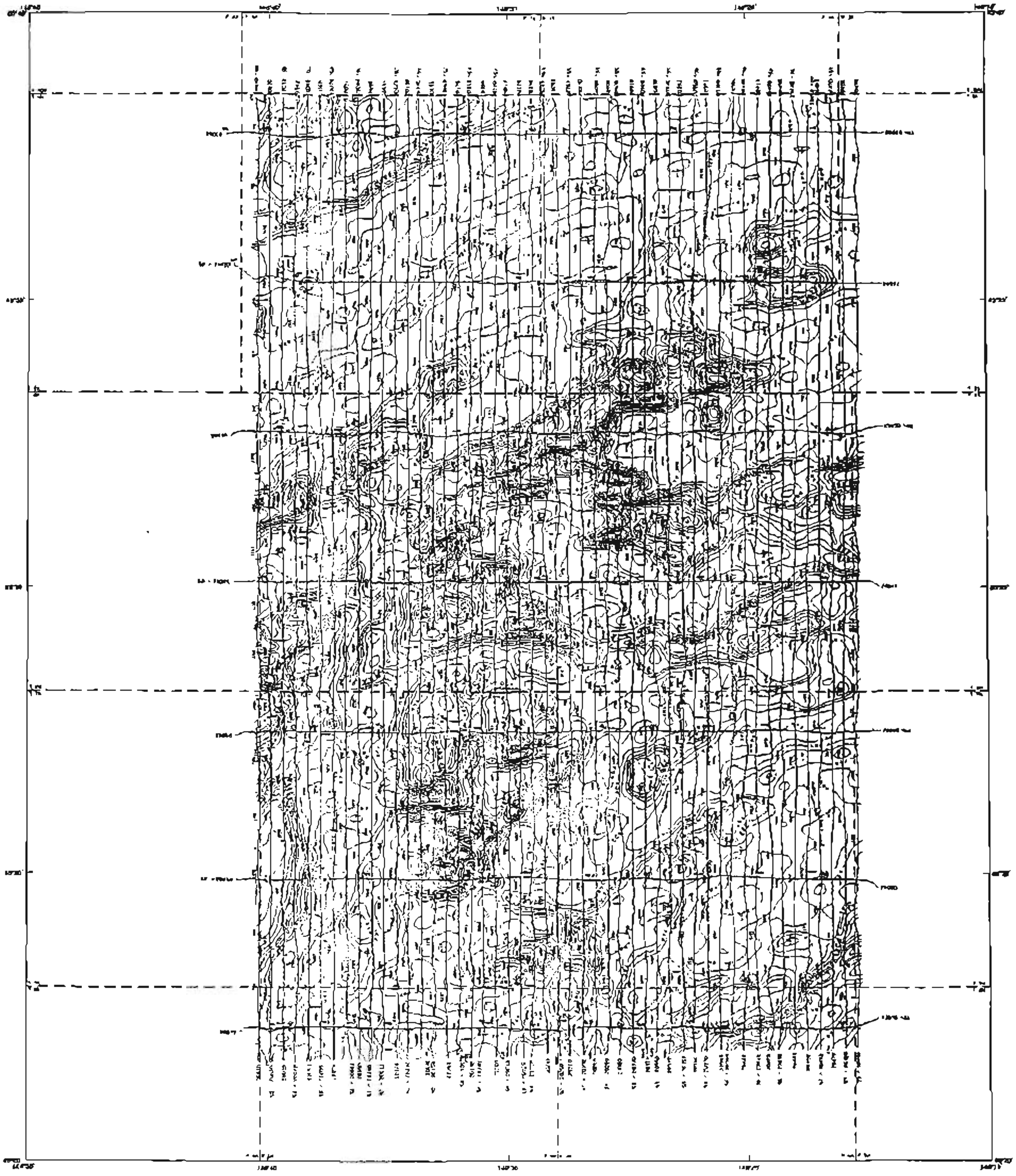
ELECTROMAGNETICS

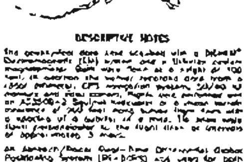
ELECTROMAGNETIC ANOMALIES

MAGNETIC CONTOUR INTERVAL

SURVEY HISTORY

TOTAL FIELD MAGNETICS





900 Hz COPLANAR RESISTIVITY OF PART OF THE LIVENGOOD MINING DISTRICT, ALASKA

CENTRAL LIVENGOOD QUADRANGLE

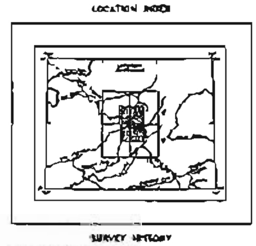
1999

RESISTIVITY CONTOURS

DESCRIPTIVE NOTES

RESISTIVITY

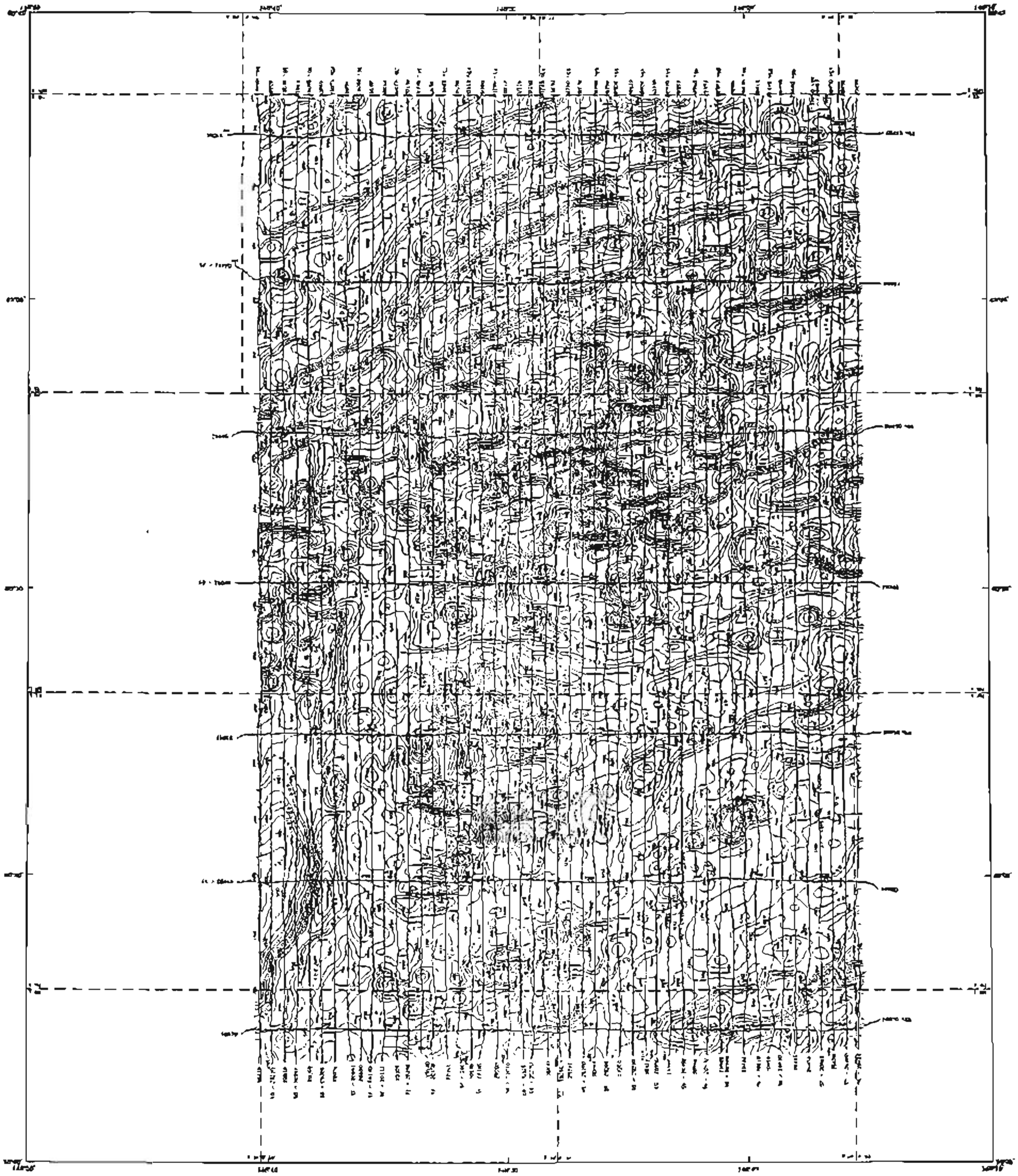
LOCATION INDEX



SURVEY HISTORY

ALASKA DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

PUBLIC-DATA FILE 98-16



7200 Hz COPLANAR RESISTIVITY OF PART OF THE LIVENGOOD MINING DISTRICT, ALASKA

CENTRAL LIVENGOOD QUADRANGLE

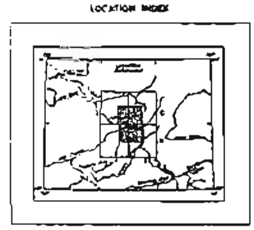
1998

DESCRIPTIVE NOTES

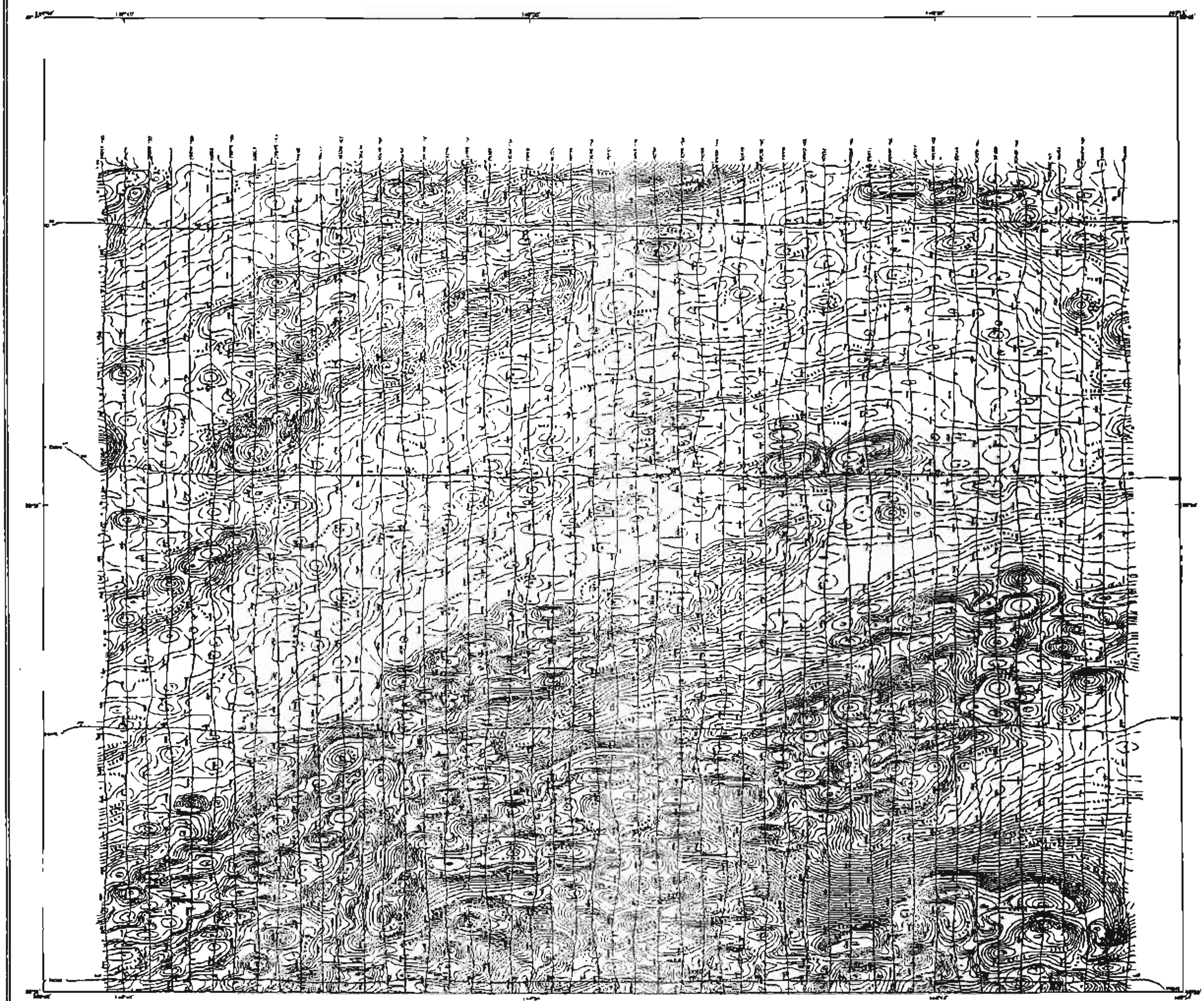
RESISTIVITY CONTOURS

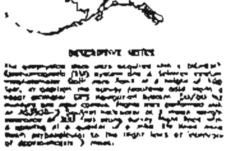
RESISTIVITY

LOCATION INDEX



SURVEY HISTORY



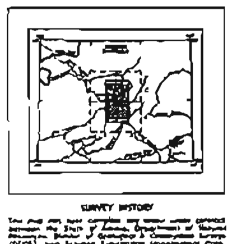


TOTAL FIELD MAGNETICS AND DETAILED ELECTROMAGNETIC ANOMALIES OF PART OF THE LIVENGOOD MINING DISTRICT, ALASKA

CENTRAL LIVENGOOD QUADRANGLE

MAP A

1999

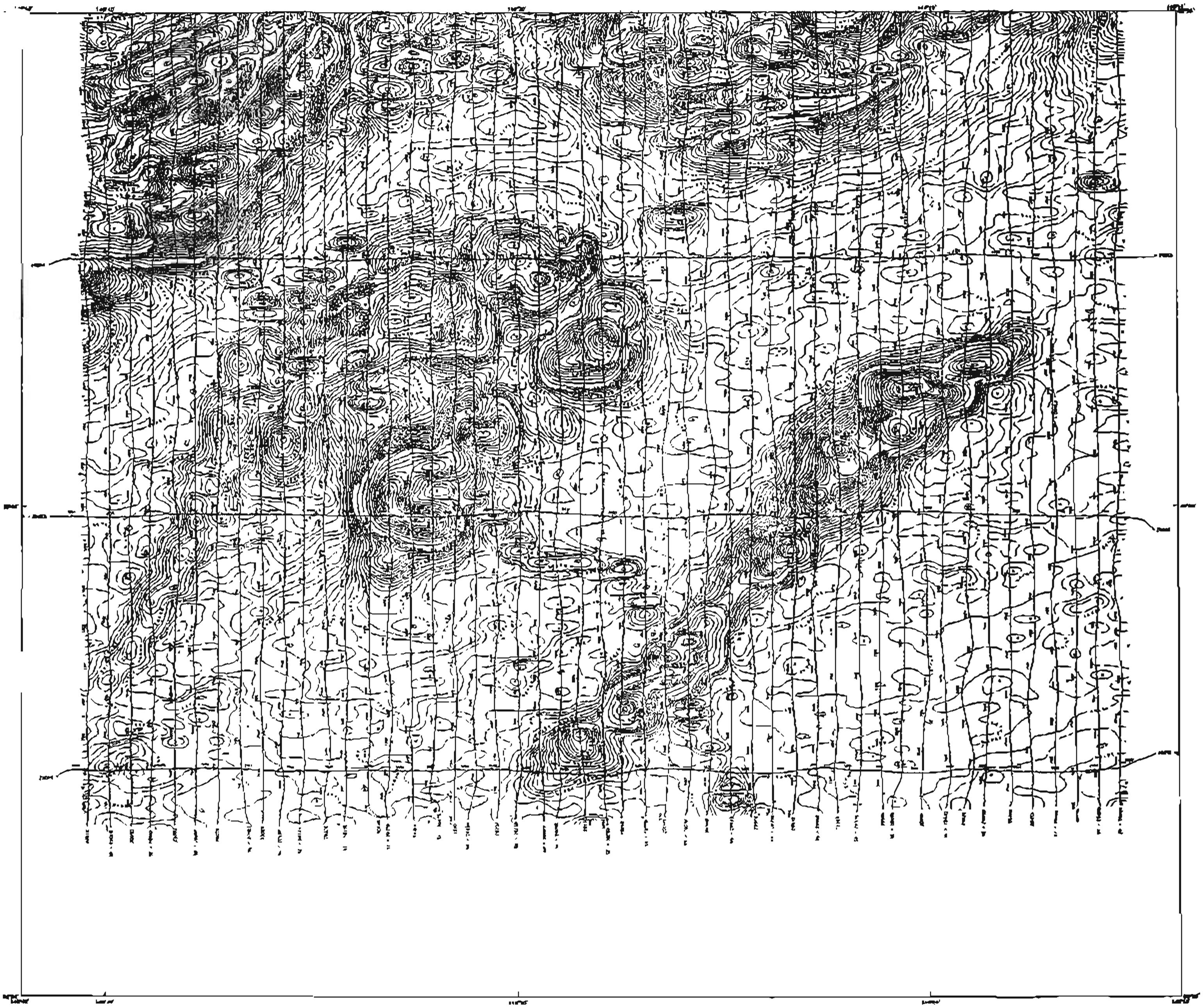


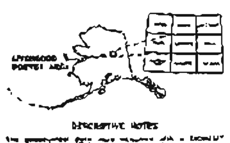
SURVEY HISTORY

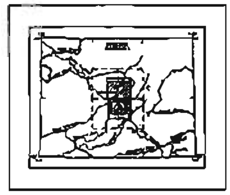
TOTAL FIELD MAGNETICS

ALASKA DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

PUBLIC-DATA FILE 99-20B







TOTAL FIELD MAGNETICS AND DETAILED ELECTROMAGNETIC ANOMALIES OF PART OF THE LIVENGOOD MINING DISTRICT, ALASKA

CENTRAL LIVENGOOD QUADRANGLE

MAP B

1999

DESCRIPTIVE NOTES

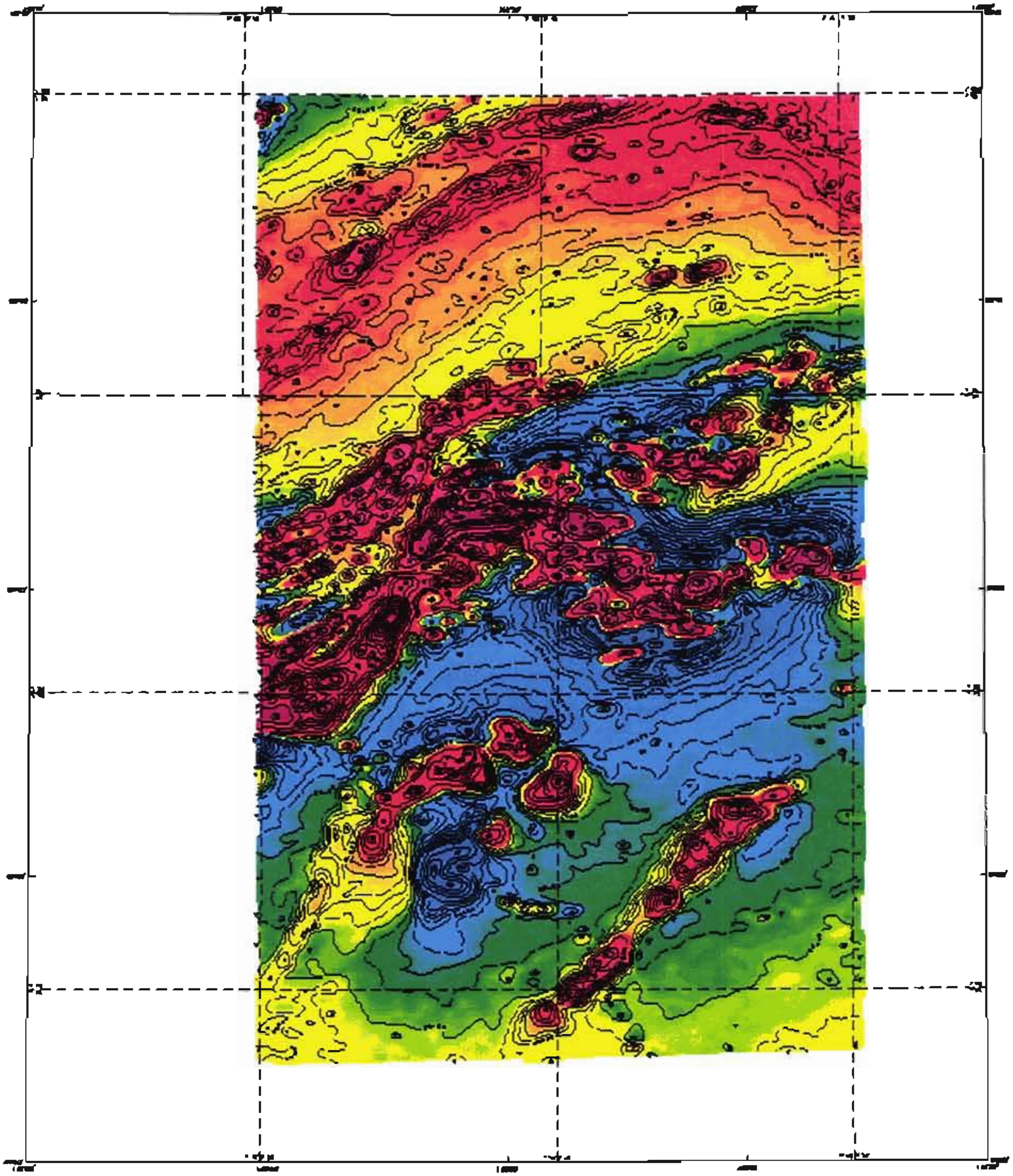
ELECTROMAGNETIC ANOMALIES

MAGNETIC CONTOUR INTERVAL

SURVEY HISTORY

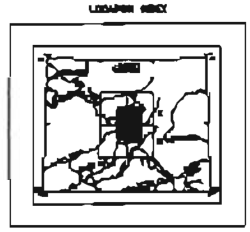
TOTAL FIELD MAGNETICS

ALASKA DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

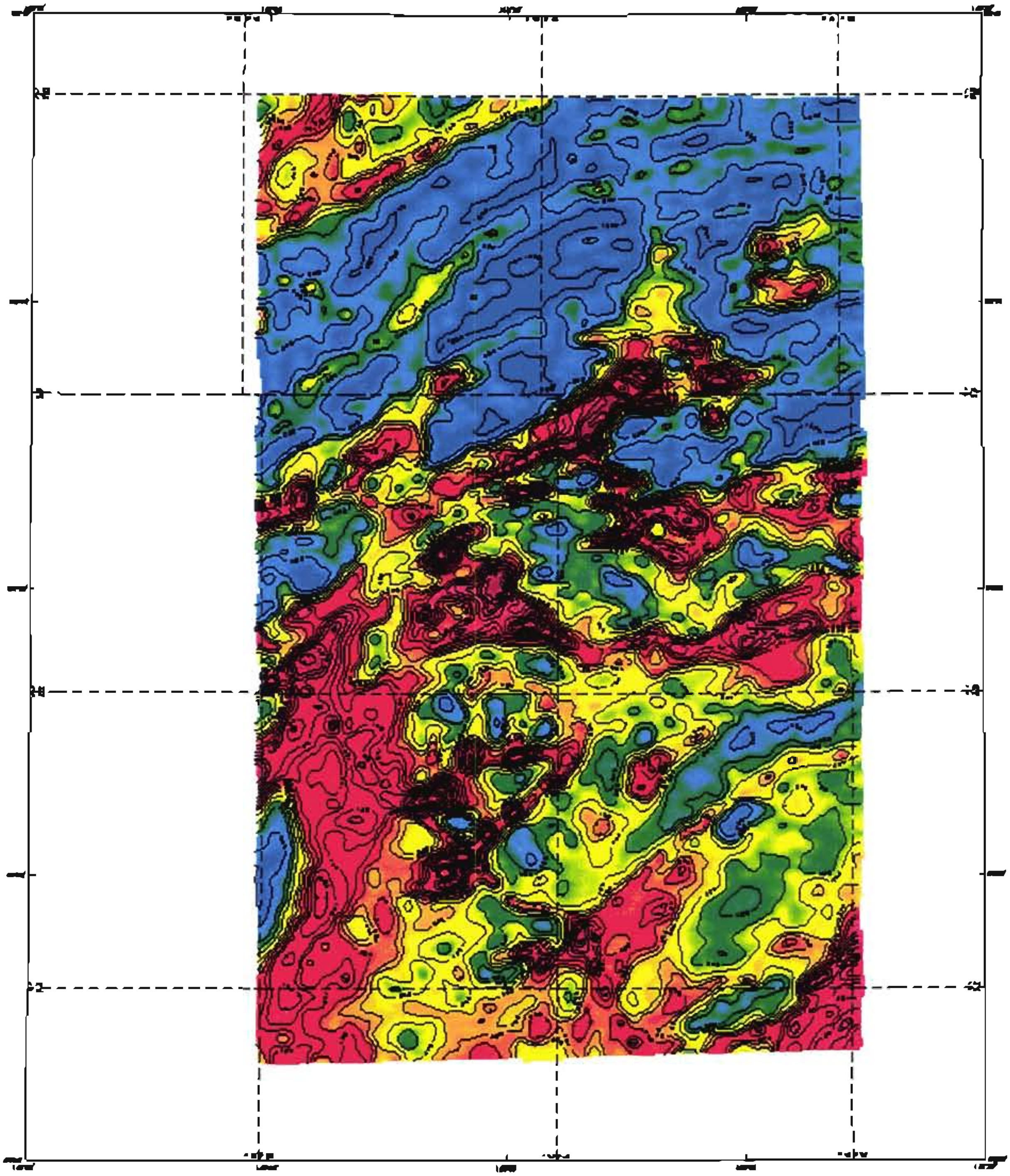


TOTAL FIELD MAGNETICS OF PART OF THE LIVENGOOD MINING DISTRICT, ALASKA

CENTRAL LIVENGOOD QUADRANGLE

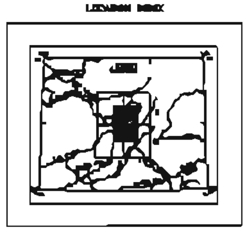


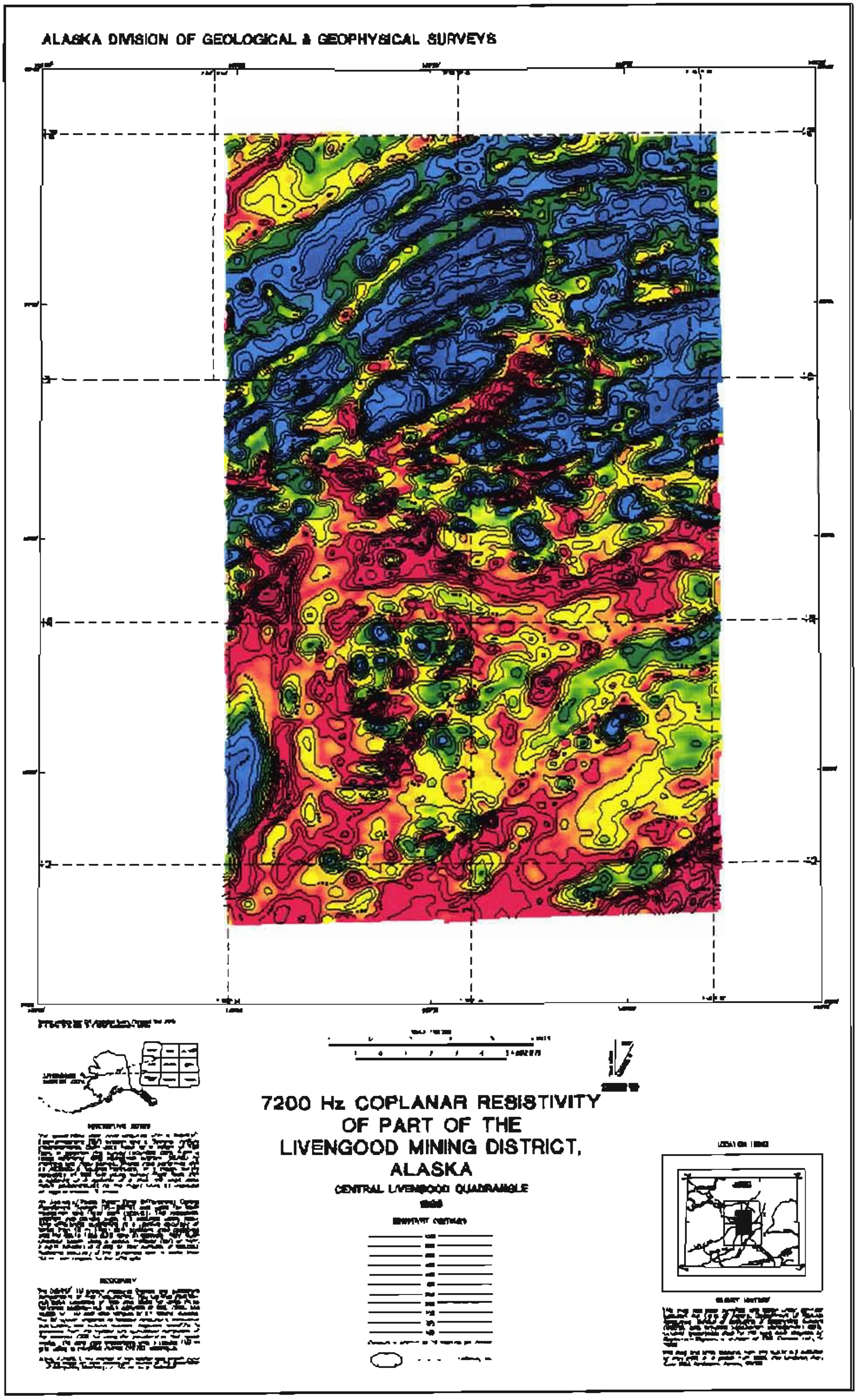
ALASKA DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS



900 Hz COPLANAR RESISTIVITY OF PART OF THE LIVENGOOD MINING DISTRICT, ALASKA

CENTRAL LIVENGOOD QUADRANGLE




ALASKA DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS
7200 Hz COPLANAR RESISTIVITY
OF PART OF THE
LIVENGOOD MINING DISTRICT,
ALASKA
CENTRAL LIVENGOOD QUADRANGLE

APPENDIX E

TOTAL MAGNETIC FIELD INVERSE MODELS

TOTAL FIELD MAGNETIC

INVERSE MODELS

Appendix E contains the diagramatic results of inverse models for three magnetic anomalies in the Livengood Area.

Figure E2
Faulted Contact, Livengood Area

The results of the model indicate a south-dipping narrow magnetic unit. This probably reflects infilling by magnetic material along a faulted contact.

Figure E3
Edge of Magnetic Pluton, Livengood Area

The south edge of a possible magnetic pluton has been modeled. The edge fits a step model quite neatly, indicating that the edge may be fault controlled.

Figure E4
Faulted Contact, Livengood Area

Similar to the results in Figure E1, the probable fault in this vicinity appears to be infilled by magnetic material. Regardless, the tabular model yields a dip which should reflect the fault itself.

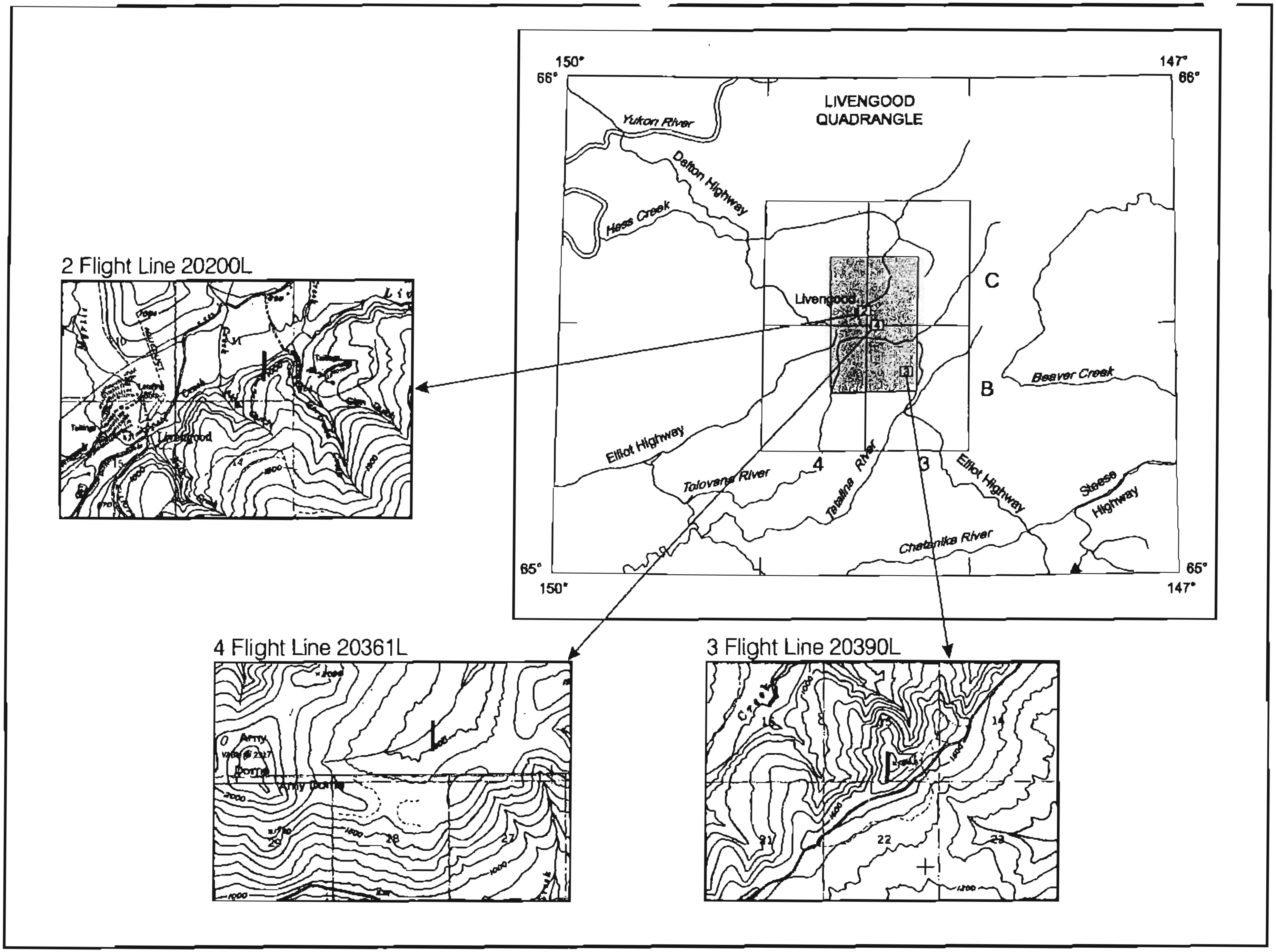
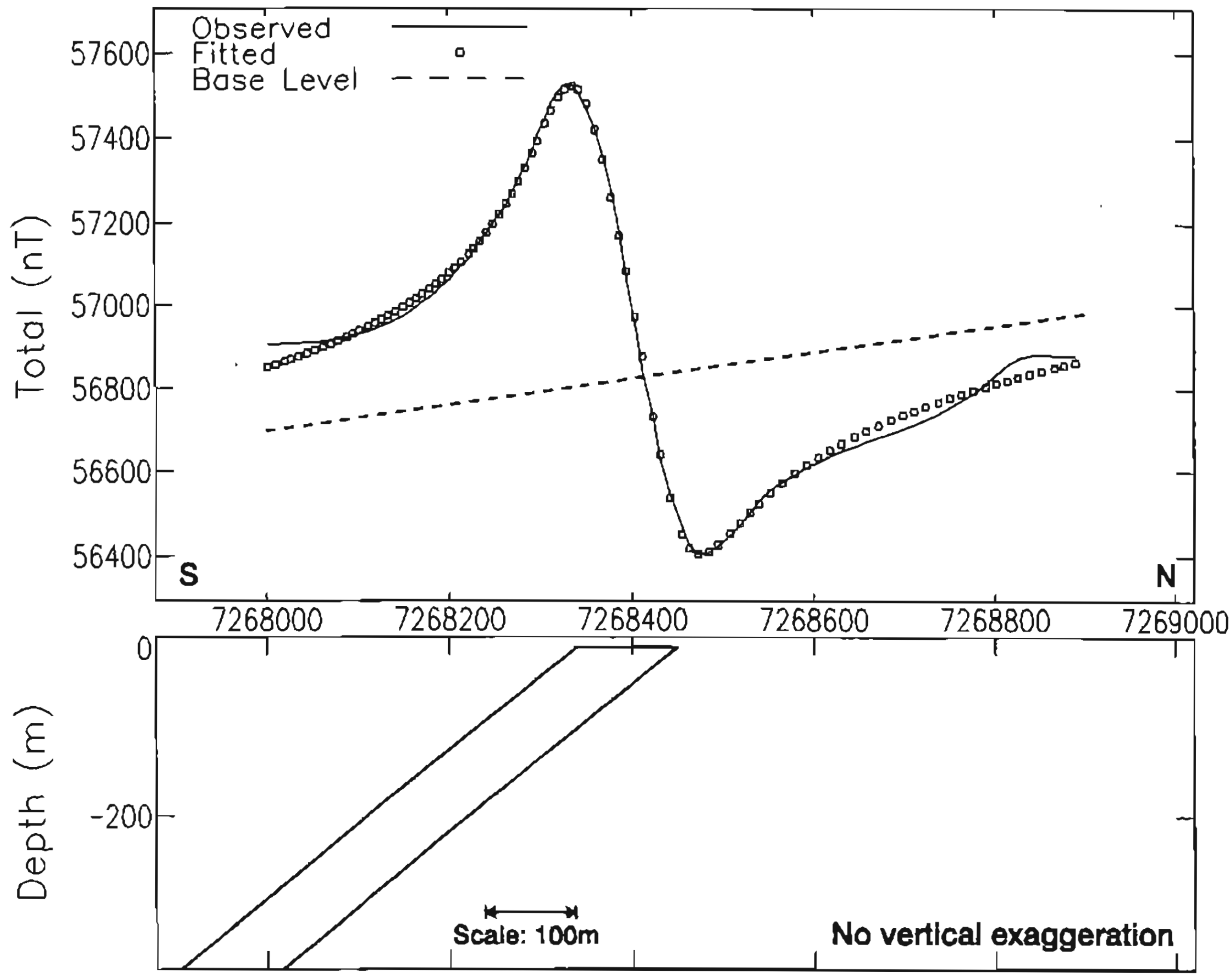


Figure E1. Loctaion map for profiles of geophysical anomalies modeled in the Livengood Area.
Gray on quadrangle map is area of geophysical coverage and profiles are indicated by lines on the 3 smaller maps.

APPENDIX E
Figure E2
Faulted Contact, Livengood Area



MODEL PARAMETERS:

Model Type		Tabular
Depth	L	11.4 m
Half Width	F	55.6 m
Dip	F	141 deg
Susceptibility	F	0.00773 emu
Remnance Ratio	X	0
Remnance Incl	X	0 deg
Remnance Decl	X	0 deg
Main Position	F	7268394 m
Cross Position	X	430306.3 m
Base Level	F	56821.3 nT
Base Slope	F	.3149798 nT/m
Base Curvature	X	0 nT/m2

(F-fitted, X-fixed, L-limit)

GEOMAGNETIC FIELD:

Field Strength	56672 nT
Inclination	77 deg
Declination	26 deg

COORDINATES:

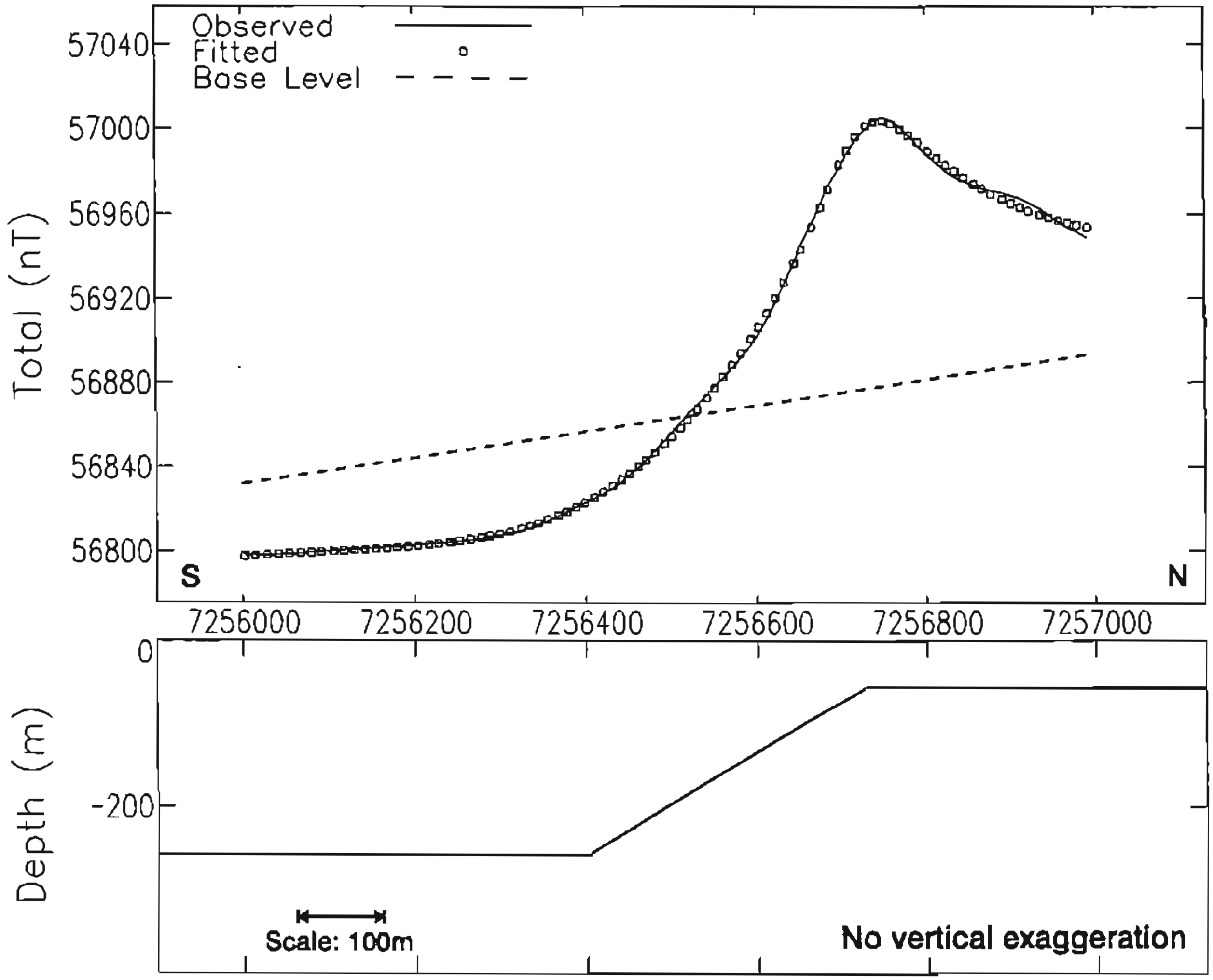
Sensor Height	32 m
Strike Perp	0 deg
Line Direction	-4 deg
Main Direction	0 deg
Main Offset	
Cross Direction	90 deg
Cross Offset	

Geosoft MAGMOD-3 Modeling Result 99/03/02

APPENDIX E

Figure E3

Edge of Magnetic "Pluton", Livengood Area



MODEL PARAMETERS:		
Model Type		Step
Depth	F	56.2 m
Thickness	F	201 m
Dip	F	148 deg
Susceptibility	F	0.00116 emu
Remnance Ratio	X	0
Remnance Incl	X	0 deg
Remnance Decl	X	0 deg
Main Position	F	7256727 m
Cross Position	X	437620.8 m
Base Level	F	56876.97 nT
Base Slope	F	.0617222 nT/m
Base Curvature	X	0 nT/m2

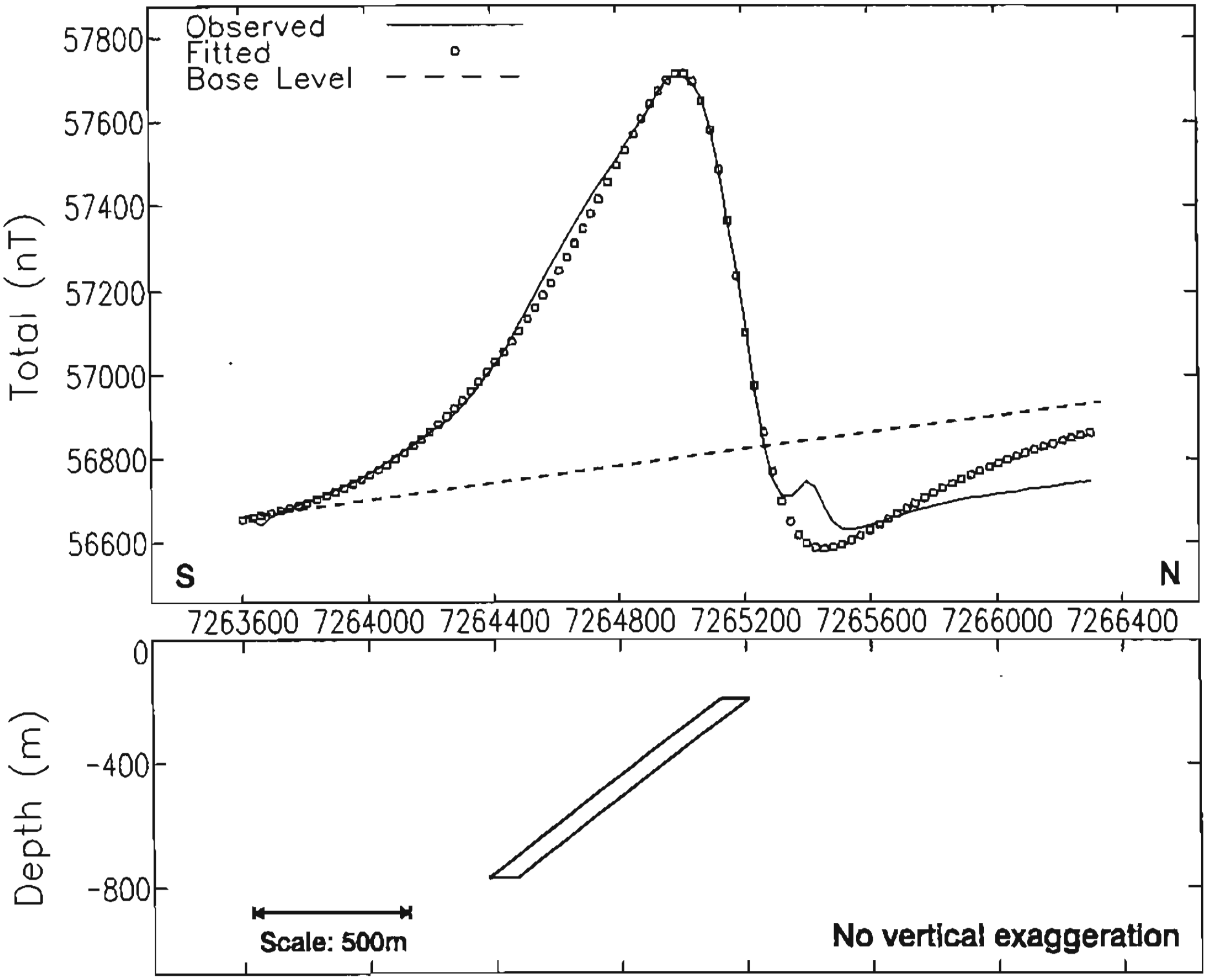
(F-fitted, X-fixed, L-limit)

GEOMAGNETIC FIELD:	
Field Strength	56672 nT
Inclination	78 deg
Declination	26 deg

COORDINATES:	
Sensor Height	0 m
Strike Perp	0 deg
Line Direction	3 deg
Main Direction	0 deg
Main Offset	
Cross Direction	90 deg
Cross Offset	

Geosoft MAGMOD-3 Modeling Result 99/03/03

APPENDIX E
Figure E4
Faulted Contact, Livengood Area



MODEL PARAMETERS:

Model Type		Tabular2
Depth	F	190 m
Half Width	L	45.6 m
Half Length	X	1351 m
Offset	X	0 m
Dip	F	142 deg
Thickness	F	579 m
Susceptibility	F	0.0428 emu
Remnance Ratio	X	0
Remnance Incl	X	0 deg
Remnance Decl	X	0 deg
Main Position	F	7265165 m
Cross Position	X	436629.1 m
Base Level	F	56817.28 nT
Base Slope	F	.0994368 nT/m
Base Curvature	X	0 nT/m2

(F-fitted, X-fixed, L-limit)

GEOMAGNETIC FIELD:

Field Strength	56672 nT
Inclination	78 deg
Declination	26 deg

COORDINATES:

Sensor Height	32 m
Strike Perp	0 deg
Line Direction	3 deg
Main Direction	0 deg
Main Offset	
Cross Direction	90 deg
Cross Offset	

Geosoft MAGMOD-3 Modeling Result 99/03/03

APPENDIX F

EM ANOMALY LIST

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20010													
A	1490.5	S	422255	7252362	1.0	5.0	1.2	8.4	10.4	51.4	---	---	0
B	1274.8	L?	422387	7260341	5.9	3.7	10.5	6.7	15.4	32.3	---	---	0
C	1268.3	B	422414	7260580	4.2	6.6	11.5	6.8	8.1	43.4	---	---	16
D	1268.2	M	422414	7260583	4.2	6.6	11.5	6.8	8.1	43.4	---	---	16
E	1266.3	M	422425	7260651	0.1	1.9	6.1	5.1	0.6	31.7	---	---	200
F	1263.8	M	422436	7260743	3.7	5.7	2.4	6.6	21.6	40.0	---	---	318
G	1260.8	B	422449	7260852	3.7	5.0	9.3	3.5	15.7	19.4	9.9	30	16
H	1256.8	B	422467	7260996	0.5	3.3	0.9	3.4	10.4	15.9	---	---	291
I	1256.1	M	422470	7261020	6.9	2.8	8.5	3.4	9.8	17.0	---	---	279
J	1247.2	M	422499	7261326	0.0	1.9	5.3	4.2	19.4	27.3	---	---	0
K	1208.0	B?	422547	7262669	0.9	6.9	1.9	9.8	3.4	79.6	---	---	0
L	1199.8	B?	422515	7262911	1.3	3.4	4.1	3.2	4.0	23.3	---	---	0
M	1180.4	L	422472	7263541	25.4	15.9	12.3	9.3	18.8	17.1	22.4	16	0
N	1171.9	B?	422485	7263817	2.1	1.5	4.8	1.2	6.2	36.3	---	---	0
O	1121.6	B?	422584	7265475	1.6	3.2	5.7	3.5	7.5	23.5	---	---	0
P	1110.0	M	422582	7265875	2.6	0.0	0.5	0.2	0.4	0.2	---	---	117
Q	1106.0	M	422575	7266012	0.2	6.3	0.2	7.7	10.1	51.5	---	---	141
R	1103.5	B?	422570	7266096	3.3	4.0	9.0	6.1	10.1	40.5	---	---	16
S	1094.4	B	422562	7266385	1.3	4.9	1.2	13.4	8.2	100.3	1.0	13	16
T	1089.0	B	422562	7266547	1.8	13.6	2.2	12.9	6.3	95.7	1.0	3	0
U	1064.5	B?	422598	7267176	4.2	6.0	5.4	9.9	23.4	13.6	---	---	16
V	1024.4	S?	422658	7268521	0.6	5.7	0.5	8.8	13.2	55.4	---	---	0
W	875.1	B?	422718	7273450	7.4	25.8	15.9	56.3	159.4	119.3	2.7	0	0
X	860.3	B?	422776	7273948	5.8	25.3	12.2	50.2	152.2	140.3	2.3	0	16
Y	839.5	B?	422822	7274647	2.2	15.3	4.1	31.9	99.5	145.0	---	---	0
Z	797.6	B	422815	7276170	2.9	3.1	3.3	3.6	7.5	9.9	---	---	0
AA	745.5	S	422883	7278162	2.9	9.3	4.2	17.0	44.5	67.6	2.0	9	16
AB	683.7	B?	422908	7280534	0.1	3.8	2.7	5.8	11.1	35.7	---	---	0
LINE 20020													
A	1756.8	S	422649	7251993	0.5	3.7	1.1	6.1	12.7	30.7	0.7	0	0
B	1784.2	S	422663	7252991	1.5	9.7	3.0	17.5	30.2	95.9	1.1	2	0
C	1963.5	S	422842	7259972	0.8	6.0	2.7	8.5	11.3	41.1	---	---	15
D	2017.0	L	422810	7261796	27.6	17.8	19.3	10.5	29.1	22.1	26.7	1	168
E	2020.3	L	422805	7261915	40.4	23.6	64.4	56.9	170.7	61.0	26.0	0	56
F	2024.4	L	422802	7262060	7.8	0.2	71.7	29.2	85.0	21.0	49.0	0	0
G	2027.7	L	422804	7262179	68.1	16.7	162.2	21.7	128.9	12.5	208.2	0	117
H	2029.1	L	422807	7262229	56.3	7.8	22.8	12.2	32.7	31.1	239.3	0	15
I	2032.1	L	422818	7262343	13.3	7.8	30.8	8.6	43.1	11.7	---	---	101
J	2038.5	B	422848	7262573	1.1	4.3	0.4	4.4	15.2	34.4	1.0	20	151
K	2055.0	L	422922	7263143	45.1	38.0	22.6	30.7	72.2	99.3	14.8	7	9
L	2082.6	L?	422977	7264113	0.3	10.8	2.8	12.7	15.4	86.1	0.6	1	0
M	2088.4	L	422963	7264321	14.1	4.7	35.4	6.6	23.7	97.9	93.6	25	15
N	2109.5	B	422864	7265065	2.2	5.1	0.1	3.9	7.7	25.6	---	---	83
O	2125.8	M	422863	7265632	1.6	4.5	4.6	3.9	5.1	24.4	---	---	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20020													
P	2139.7	M	422940	7266118	0.1	2.4	0.5	3.1	1.3	21.6	---	---	221
Q	2144.5	B	422991	7266286	3.2	5.5	5.8	6.2	6.8	43.9	4.5	46	107
R	2147.8	B	423018	7266408	3.3	1.9	7.2	2.4	10.4	48.0	---	---	0
S	2155.0	D	423046	7266690	0.3	1.9	4.3	0.4	1.0	1.9	---	---	0
T	2159.2	B	423041	7266857	1.7	8.9	2.1	8.9	8.6	50.6	1.3	7	0
U	2160.5	M	423038	7266908	1.7	9.9	9.1	15.8	17.9	81.6	---	---	372
V	2163.6	B	423028	7267034	5.3	9.2	13.1	12.3	28.0	81.6	6.7	21	0
W	2167.1	B	423020	7267171	10.0	4.7	16.7	8.5	39.5	11.6	28.3	16	0
X	2184.7	B?	423001	7267775	2.0	2.1	2.4	1.9	1.1	14.4	5.8	59	13
Y	2199.2	B?	423020	7268214	1.2	5.4	0.5	6.6	5.4	45.0	0.9	14	0
Z	2216.7	B?	423027	7268684	0.8	5.7	0.9	6.8	7.3	47.7	0.7	11	0
AA	2220.3	B	423034	7268817	0.6	3.0	0.9	8.1	9.4	60.9	0.8	17	8
AB	2223.9	B	423032	7268947	1.6	3.9	1.7	3.2	11.9	22.3	2.3	40	15
AC	2249.0	B?	423070	7269807	0.2	4.2	0.9	6.2	6.9	43.1	---	---	0
AD	2259.7	S	423086	7270174	0.1	7.6	0.8	11.2	11.4	78.2	---	---	0
AE	2320.1	S?	423122	7272202	0.3	2.5	0.4	3.6	0.7	27.2	---	---	0
AF	2347.8	S?	423141	7273153	0.1	3.7	1.0	5.8	5.6	45.5	---	---	15
AG	2448.8	B	423224	7276526	1.6	7.8	1.8	11.0	16.2	54.5	1.2	11	15
AH	2460.9	B	423236	7276919	0.4	3.8	0.7	8.3	20.3	37.9	0.5	9	0
AI	2470.8	B?	423232	7277257	2.8	1.9	1.7	1.2	4.7	4.4	9.9	57	0
AJ	2520.0	B?	423294	7278913	2.3	8.6	3.5	14.0	28.0	88.0	1.8	11	15
AK	2525.7	B?	423295	7279098	3.1	6.1	2.8	7.7	29.2	34.5	2.9	27	15
AL	2558.1	B?	423290	7280145	1.2	5.9	1.6	9.2	18.4	45.0	---	---	0
AM	2561.0	B?	423295	7280239	1.9	9.3	1.6	15.6	28.5	80.8	---	---	0
AN	2573.3	S?	423326	7280630	0.2	2.3	1.8	4.1	1.3	25.2	---	---	406
LINE 20030													
A	3516.7	B?	423006	7250899	2.7	15.4	4.2	26.2	57.4	122.9	1.3	0	0
B	3510.9	L?	423008	7251099	0.8	3.0	0.8	1.3	1.7	6.1	1.5	34	0
C	3505.9	L?	423015	7251267	1.7	5.8	0.3	7.4	16.3	35.8	1.1	12	0
D	3491.3	B	423058	7251781	1.0	2.2	0.3	2.1	6.1	9.6	---	---	0
E	3467.2	B	423054	7252642	1.1	2.6	0.0	3.2	4.7	19.5	1.4	30	0
F	3451.1	S	423083	7253196	0.9	3.8	1.6	5.8	18.5	19.9	1.3	2	0
G	3201.6	B	423332	7262503	6.7	21.5	41.9	49.7	103.8	127.9	5.1	16	0
H	3196.8	L	423347	7262697	51.0	34.3	38.8	29.7	91.1	79.2	26.4	6	17
I	3194.1	B	423350	7262805	11.5	12.1	28.4	20.3	70.9	39.4	---	---	0
J	3190.0	M	423347	7262962	0.2	0.6	1.0	0.7	2.3	63.6	---	---	1404
K	3184.5	S	423340	7263176	2.1	13.8	5.5	23.5	48.0	136.2	1.3	4	0
L	3143.8	B?	423373	7264644	1.7	7.0	0.7	10.1	31.8	56.4	0.9	0	17
M	3123.7	B?	423386	7265370	1.4	5.5	0.6	5.5	10.0	34.9	1.1	1	0
N	3114.0	D	423396	7265719	14.2	2.9	29.2	1.6	0.1	9.2	---	---	17
O	3105.9	B	423395	7265997	22.1	12.0	66.4	16.0	53.5	105.2	---	---	0
P	3096.0	B	423394	7266312	12.7	0.1	26.8	6.5	20.4	44.8	---	---	164
Q	3092.2	B	423394	7266428	4.0	6.6	13.1	7.2	9.8	50.1	---	---	0
R	3082.5	S?	423403	7266751	0.1	2.7	0.8	1.9	0.8	18.3	---	---	150
S	3065.8	B	423425	7267424	3.3	8.2	6.1	12.1	26.8	38.9	3.3	20	17

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	Quad ppm	CP 877 HZ Real ppm	Quad ppm	CP 7180 HZ Real ppm	Quad ppm	Vertical Dike COND siemens	DEPTH* m	Mag. Corr NT
LINE 20030													
T	3057.6	B	423432	7267723	1.8	2.2	1.5	3.7	1.2	23.2	---	---	0
U	3049.0	B	423439	7268022	0.4	1.8	0.2	0.5	2.1	3.0	---	---	21
V	3037.2	B?	423433	7268446	1.0	3.7	0.9	5.7	1.7	42.0	1.2	21	0
W	3020.6	S	423449	7269103	0.7	7.8	1.2	13.0	23.5	80.4	0.6	2	0
X	2994.1	B	423433	7269995	1.6	2.5	0.7	4.3	7.8	24.5	---	---	0
Y	2904.1	S	423532	7273144	0.7	4.7	2.3	6.3	13.5	44.9	---	---	17
Z	2854.7	B?	423608	7275001	4.1	21.4	4.8	39.4	109.4	197.8	1.4	0	16
AA	2797.6	D	423634	7277107	1.7	2.9	0.9	0.9	4.6	5.1	2.5	64	15
AB	2785.4	B	423653	7277566	1.3	4.6	1.3	5.6	25.5	37.5	1.4	16	17
AC	2738.3	B?	423687	7279301	2.0	4.4	3.4	10.1	28.5	26.9	1.4	11	0
LINE 20040													
A	3714.5	B?	423428	7251366	0.7	3.5	1.3	3.4	4.5	30.1	1.3	26	0
B	3750.6	S	423508	7252813	2.5	5.8	2.3	10.2	31.1	37.5	2.1	6	0
C	3758.7	B?	423501	7253144	0.4	1.4	0.2	0.4	3.9	3.2	---	---	0
D	3768.7	B?	423471	7253541	3.3	10.7	3.7	17.8	53.4	60.3	1.9	3	18
E	3986.0	L	423637	7262279	16.3	17.1	14.9	24.8	78.9	84.1	7.6	14	423
F	3991.4	B	423657	7262484	9.3	24.4	5.2	35.2	93.9	86.8	2.6	0	34
G	3993.8	B	423669	7262576	9.1	16.5	8.0	30.6	70.6	62.7	---	---	0
H	4003.6	B	423713	7262971	27.0	35.5	46.9	62.1	159.1	122.4	9.3	6	0
I	4011.8	B	423758	7263291	0.6	8.3	0.2	19.7	57.4	28.0	0.5	2	0
J	4027.3	L	423779	7263878	6.7	30.8	2.4	19.1	19.7	149.1	1.8	0	18
K	4044.7	B	423776	7264535	5.0	8.5	5.4	15.4	30.8	37.1	---	---	0
L	4067.2	B	423793	7265364	0.1	1.8	2.2	1.1	1.7	5.0	1.6	78	0
M	4083.9	B	423792	7266002	6.2	8.4	10.9	8.3	3.6	59.0	7.5	33	64
N	4087.7	B	423800	7266152	4.3	4.4	7.3	4.5	12.3	23.3	---	---	0
O	4089.6	B?	423805	7266229	0.0	7.4	7.3	7.9	11.9	50.2	---	---	0
P	4099.5	B?	423820	7266641	3.2	2.8	17.0	1.7	1.3	10.0	---	---	70
Q	4107.8	D	423816	7266994	0.6	3.6	4.2	5.0	15.3	14.5	2.4	31	38
R	4115.9	B	423805	7267310	2.7	9.6	3.1	14.1	35.4	69.9	1.8	10	51
S	4120.1	B	423801	7267453	5.6	7.8	5.5	5.1	5.3	44.3	5.8	40	0
T	4124.9	D	423801	7267603	2.4	6.7	8.7	10.3	18.0	35.1	3.0	44	0
U	4126.6	B	423802	7267656	2.4	5.9	4.4	10.3	21.4	35.1	---	---	0
V	4138.1	B	423821	7267995	0.5	2.8	0.2	2.2	3.0	8.0	---	---	0
W	4146.1	D	423833	7268245	2.6	2.7	2.2	0.8	8.3	6.7	7.9	56	0
X	4153.0	B	423844	7268449	1.4	1.5	2.3	5.4	10.1	27.8	2.5	68	0
Y	4159.9	B?	423859	7268653	1.0	4.1	1.6	3.3	4.2	21.8	1.6	29	0
Z	4191.7	B?	423899	7269547	1.4	8.8	1.0	13.4	23.0	88.8	0.7	6	0
AA	4250.0	D	423924	7271700	2.2	4.3	1.5	3.9	11.8	18.1	---	---	0
AB	4284.7	B	423977	7272966	0.9	2.1	0.5	1.4	0.5	11.5	1.5	52	0
AC	4294.7	B?	423960	7273350	1.0	4.4	1.0	4.4	8.5	38.4	1.1	22	0
AD	4311.3	B?	423958	7273972	0.9	8.6	2.7	20.9	26.2	141.7	0.8	2	0
AE	4391.2	S	424053	7277079	3.7	11.9	8.3	23.5	56.0	101.2	2.7	12	0
AF	4394.9	B	424052	7277220	2.5	2.4	5.5	22.4	53.3	95.6	2.6	20	16
AG	4401.5	B?	424051	7277466	1.5	3.7	3.7	10.7	24.6	44.8	2.3	26	18
AH	4406.2	D	424044	7277642	0.6	4.9	3.1	10.1	21.1	24.8	1.2	12	18

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20040													
A1	4470.3	B	424173	7280048	1.1	5.3	1.9	9.1	20.6	43.2	---	---	0
LINE 20050													
A	5419.8	S	423801	7249857	1.4	13.0	2.7	20.0	31.6	98.6	0.8	0	10
B	5386.5	B	423838	7251173	0.7	1.2	1.4	6.7	10.7	29.5	---	---	4
C	5371.3	S?	423863	7251788	1.5	1.7	2.4	1.2	2.7	6.2	---	---	0
D	5324.5	B?	423914	7253678	2.5	6.2	3.3	11.7	35.1	34.0	2.2	9	0
E	5300.8	S	423990	7254631	1.5	7.4	1.9	11.9	32.4	50.4	---	---	0
F	5291.5	S	424002	7255001	1.4	5.0	1.9	7.3	14.4	33.5	---	---	0
G	5247.8	B?	423937	7256668	1.1	3.1	0.8	4.3	11.5	20.8	---	---	0
H	5209.2	S	424037	7258098	0.1	3.0	1.4	4.9	9.4	25.8	---	---	0
I	5171.2	S	424006	7259450	1.2	6.0	0.9	10.0	13.6	60.4	0.8	3	10
J	5108.2	L	424036	7261726	41.3	12.1	31.9	13.9	41.2	46.5	73.7	12	33
K	5092.7	B	424108	7262266	12.6	40.2	19.4	66.4	161.6	197.7	3.6	0	10
L	5080.1	B	424169	7262727	13.0	25.2	20.1	57.8	170.9	151.5	4.7	0	0
M	5077.8	B	424173	7262814	10.8	29.3	14.4	57.8	174.7	151.5	3.3	0	10
N	5075.1	B	424174	7262913	13.8	40.1	18.3	64.4	187.2	167.8	3.7	0	0
O	5072.6	B	424176	7263005	15.4	41.3	30.1	70.6	176.9	154.7	---	---	0
P	5045.0	L	424107	7264051	3.4	18.3	2.5	27.2	59.2	141.6	1.2	0	0
Q	5033.0	B	424105	7264506	3.7	3.4	3.9	12.9	27.3	51.9	3.0	41	0
R	5027.8	D	424115	7264700	3.1	12.2	1.2	10.2	17.2	50.7	1.4	8	46
S	5004.8	D	424139	7265569	0.1	4.3	0.5	2.3	2.4	17.9	---	---	102
T	4999.7	D	424140	7265764	0.2	1.5	0.8	0.3	0.2	4.5	---	---	0
U	4988.8	B	424164	7266170	3.4	7.8	0.7	8.4	19.0	54.9	2.0	13	23
V	4979.6	B?	424192	7266512	0.3	3.4	1.1	2.1	0.2	16.1	---	---	350
W	4971.9	B	424212	7266815	2.2	3.4	7.3	9.7	23.1	29.7	4.5	36	51
X	4963.4	D	424223	7267170	1.6	8.1	1.3	11.7	22.3	58.1	---	---	135
Y	4955.4	B?	424230	7267516	4.3	1.5	4.9	0.8	13.6	24.2	---	---	94
Z	4948.7	D	424227	7267794	3.2	1.9	3.9	5.0	11.1	20.2	---	---	0
AA	4932.9	B?	424244	7268429	2.9	5.1	1.1	5.4	9.8	24.2	---	---	33
AB	4905.0	S	424278	7269560	2.1	6.2	1.8	10.9	15.2	65.4	---	---	0
AC	4878.8	B?	424260	7270364	0.5	5.9	0.1	5.7	3.1	42.1	---	---	0
AD	4757.4	B?	424379	7274562	1.3	15.2	4.4	44.9	109.5	251.0	0.8	0	10
AE	4749.6	B	424386	7274850	3.7	28.7	7.0	55.5	151.1	274.7	1.2	0	0
AF	4680.5	H	424447	7277470	3.1	7.1	3.2	12.8	33.2	45.7	2.3	13	10
AG	4625.2	B?	424507	7279558	0.7	5.8	1.8	15.0	36.6	75.1	0.7	0	0
LINE 20060													
A	5564.2	B?	424239	7251617	1.2	7.2	2.6	11.8	14.2	57.7	---	---	0
B	5568.5	B?	424227	7251786	1.2	7.5	1.0	13.3	15.9	72.2	---	---	0
C	5595.9	D	424218	7252813	0.7	3.2	1.3	9.6	11.5	4.6	0.9	12	10
D	5635.3	B?	424312	7254304	2.6	4.4	3.3	4.9	14.1	13.8	2.9	56	0
E	5652.3	B?	424307	7254907	0.6	0.1	0.2	3.0	9.2	3.6	---	---	0
F	5684.7	B?	424332	7256066	1.7	12.6	5.4	26.7	48.5	113.4	1.3	11	10
G	5719.9	B?	424363	7257337	0.6	5.8	2.3	9.8	20.5	43.4	1.0	14	0
H	5781.1	B	424415	7259716	0.6	1.4	0.2	2.8	7.1	19.6	---	---	7

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20060													
I	5801.6	B?	424434	7260541	1.1	3.9	1.1	4.2	7.6	20.2	1.4	25	0
J	5818.8	L	424444	7261198	18.2	2.0	18.7	2.5	16.4	37.3	218.0	33	640
K	5836.0	B	424464	7261827	5.3	21.4	8.0	37.1	86.6	123.7	2.1	2	0
L	5853.1	B	424543	7262434	9.0	22.1	14.4	37.8	79.3	95.5	3.9	6	0
M	5912.0	L	424546	7264563	1.3	0.9	1.5	0.2	7.2	2.7	---	---	0
N	5917.4	B	424552	7264745	1.3	6.1	2.4	9.9	17.0	42.0	1.4	16	0
O	5920.7	B?	424555	7264862	2.2	7.3	2.6	11.6	19.8	60.9	---	---	9
P	5947.5	B?	424614	7265873	1.0	3.5	1.3	4.9	6.1	28.2	---	---	120
Q	5959.2	B	424687	7266317	2.4	4.7	1.9	2.2	8.2	15.1	2.5	41	31
R	5964.7	B	424717	7266537	0.6	3.0	0.3	2.1	3.7	22.5	---	---	0
S	5970.8	B?	424718	7266787	1.0	2.4	0.2	1.8	7.1	9.7	---	---	138
T	5991.8	B?	424601	7267545	1.6	2.5	1.1	1.5	0.8	8.7	---	---	0
U	5998.4	B	424609	7267769	2.0	2.9	2.4	3.7	4.4	19.0	3.0	55	10
V	6002.6	B	424618	7267912	0.7	6.2	1.1	8.9	11.3	55.5	0.6	2	10
W	6007.8	D	424637	7268086	0.7	4.6	0.3	5.0	9.1	28.4	0.5	5	10
X	6093.8	B?	424721	7271162	1.0	2.5	1.6	2.1	5.6	15.8	2.2	47	10
Y	6115.1	B	424779	7271959	0.6	2.0	1.2	2.0	6.5	8.0	2.0	45	0
Z	6130.0	S?	424735	7272477	1.0	5.8	2.3	8.8	1.6	67.3	1.4	24	0
AA	6158.5	B	424743	7273488	1.4	2.1	0.4	1.4	5.3	9.6	---	---	0
AB	6170.9	S	424779	7273966	1.7	4.1	0.5	6.9	11.8	43.8	---	---	0
AC	6241.8	B?	424851	7276585	1.4	3.8	0.8	6.7	2.9	43.5	1.5	28	0
AD	6252.7	B?	424846	7277008	2.1	3.3	2.3	2.8	0.4	25.1	3.4	64	10
AE	6255.8	B	424843	7277126	2.6	1.1	3.4	0.2	4.0	0.4	---	---	0
AF	6260.0	B?	424839	7277289	0.6	8.8	1.3	14.3	26.0	100.0	---	---	10
AG	6266.5	B	424843	7277546	1.7	3.6	1.9	3.0	8.8	28.4	2.5	44	0
AH	6274.3	B	424863	7277857	2.2	4.4	0.2	7.7	9.3	45.2	1.6	22	0
AI	6289.9	B?	424903	7278448	0.3	4.0	0.2	4.1	4.6	24.0	---	---	0
AJ	6324.2	B?	424930	7279722	0.8	9.4	0.7	12.0	26.7	66.1	0.6	0	0
AK	6328.9	B?	424930	7279904	1.5	7.6	2.8	14.0	27.3	59.4	1.3	9	0
AL	6334.8	B	424939	7280129	2.5	6.4	3.3	8.4	23.0	31.5	2.6	21	10
AM	6341.8	B	424935	7280375	2.3	6.0	2.6	5.1	15.1	32.1	---	---	10
LINE 20070													
A	7092.3	S	424793	7257511	3.3	7.5	3.5	12.8	24.6	46.5	2.5	20	0
B	7067.1	B?	424812	7258485	1.3	4.8	0.5	6.9	4.4	50.8	---	---	0
C	7057.4	S	424803	7258861	0.6	3.5	0.3	5.4	4.7	40.6	---	---	0
D	7046.7	B?	424803	7259277	1.5	2.1	0.7	3.3	6.3	19.5	---	---	0
E	7039.2	B?	424814	7259571	0.1	2.6	0.7	2.7	7.8	18.1	---	---	0
F	7011.5	L	424869	7260615	40.7	37.1	40.0	53.4	97.4	173.6	14.1	16	9
G	6994.0	S?	424861	7261263	2.7	14.4	4.1	24.7	61.0	91.3	1.5	0	106
H	6960.8	S	424929	7262453	1.7	8.5	3.7	14.4	26.7	57.8	1.5	9	0
I	6937.5	S	424969	7263256	3.1	11.8	7.1	20.6	41.3	81.7	2.3	10	0
J	6919.3	H	424999	7263877	19.5	38.3	30.8	69.3	157.0	135.8	6.0	3	0
K	6900.9	B	424990	7264560	1.5	7.4	0.9	9.0	15.5	53.5	1.0	7	0
L	6897.6	B	424974	7264684	2.0	5.2	0.5	4.9	7.7	28.3	1.6	21	0
M	6888.0	L	424934	7265055	2.2	6.6	2.2	8.2	16.0	31.6	---	---	20

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20070													
N	6878.0	D	424956	7265371	1.0	0.9	0.8	0.1	1.0	7.3	---	---	9
O	6846.4	B	425041	7266391	3.1	3.2	0.8	2.4	8.0	12.9	4.2	63	0
P	6834.2	B?	425032	7266839	1.6	5.0	1.4	8.8	8.2	63.4	---	---	0
Q	6828.0	B	425027	7267090	1.5	7.8	1.6	9.5	9.4	59.9	1.1	7	0
R	6821.0	D	425012	7267378	1.3	3.8	3.4	1.9	2.1	12.4	---	---	0
S	6817.1	D	425012	7267524	0.1	3.3	1.2	0.9	2.1	6.8	0.6	12	84
T	6809.2	B?	425010	7267813	1.6	3.1	1.0	3.6	4.1	20.1	---	---	8
U	6804.7	B?	425015	7267983	1.0	5.9	2.2	9.3	10.2	53.3	---	---	0
V	6799.8	B	425031	7268176	0.9	3.6	1.5	4.5	4.8	24.9	---	---	0
W	6753.8	B?	425060	7269933	1.4	6.4	1.1	9.5	6.7	62.6	1.1	11	8
X	6729.7	B	425156	7270797	0.2	2.3	0.3	1.7	2.0	9.9	---	---	0
Y	6668.1	B?	425122	7273091	1.1	0.5	1.0	0.8	1.4	2.3	---	---	0
Z	6559.6	B?	425259	7277164	1.0	1.2	1.1	0.1	5.4	0.8	5.9	93	0
AA	6549.6	S	425285	7277509	2.0	5.8	3.4	11.5	28.3	49.9	2.1	21	0
AB	6537.7	B	425278	7277943	2.2	3.2	0.9	1.4	6.1	11.0	2.9	67	5
AC	6498.5	D	425304	7279422	0.0	4.8	1.1	6.4	8.8	35.0	---	---	0
AD	6476.5	B?	425318	7280231	1.0	5.1	1.5	10.8	36.2	39.1	0.9	5	0
AE	6465.5	S	425322	7280665	0.3	7.7	2.1	12.9	29.6	58.2	1.0	1	0
LINE 20071													
A	7421.0	S	424667	7252372	2.2	5.8	1.8	9.7	22.3	42.1	1.7	8	0
B	7395.5	B?	424702	7253427	0.7	3.4	1.0	6.0	14.7	58.6	---	---	0
C	7391.6	B?	424706	7253591	0.8	6.2	0.4	9.0	14.3	59.2	---	---	2
D	7364.0	B?	424688	7254734	3.1	6.2	2.5	10.0	25.5	38.0	---	---	1
E	7359.7	B	424693	7254916	1.8	6.0	1.6	7.1	17.2	29.4	1.6	13	1
F	7346.3	B	424717	7255455	1.4	3.1	0.5	4.5	10.8	17.8	1.5	22	0
G	7292.0	S	424873	7257639	2.4	6.7	4.4	12.6	29.2	43.1	2.4	11	0
LINE 20081													
A	825.4	S	425165	7256155	1.6	3.6	0.9	5.4	8.1	31.4	---	---	5
B	882.6	B	425211	7258709	2.2	5.7	1.0	7.2	8.8	43.6	1.7	18	0
C	888.1	S	425223	7258969	1.3	7.9	1.6	11.3	11.4	77.7	---	---	6
D	890.9	B?	425229	7259110	0.7	7.1	1.6	11.9	14.7	72.1	0.7	0	0
E	893.5	B?	425234	7259233	1.2	6.7	0.2	9.7	14.0	70.1	---	---	6
F	897.5	B?	425242	7259431	1.7	2.2	0.2	1.4	0.9	10.4	1.9	72	0
G	901.2	B?	425248	7259613	0.3	2.8	1.1	4.4	7.1	29.1	---	---	0
H	908.9	L	425251	7259986	8.2	4.9	5.8	8.1	13.3	45.5	11.9	25	279
I	941.0	S	425274	7261531	1.5	3.8	1.4	6.4	15.4	33.5	1.7	11	0
J	957.1	D	425297	7262316	1.2	1.9	1.0	3.0	5.1	11.1	---	---	0
K	1030.9	B?	425425	7265429	1.3	6.8	3.5	12.5	23.0	47.3	---	---	0
L	1063.0	B?	425439	7266793	0.1	3.5	1.4	4.3	10.6	32.8	---	---	0
M	1068.0	B	425446	7266998	3.2	3.5	8.3	3.3	0.0	28.7	13.4	41	0
N	1075.9	B?	425473	7267300	1.9	12.5	4.1	18.6	15.0	126.1	1.4	6	228
O	1081.2	B	425486	7267492	5.2	3.8	10.6	14.1	17.3	88.5	---	---	0
P	1086.4	S?	425491	7267670	0.6	1.6	0.3	0.7	7.4	3.3	3.3	80	0
Q	1094.8	B	425485	7267954	0.9	6.5	1.9	7.7	17.7	39.6	---	---	161

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20081													
R	1107.8	B	425462	7268374	1.9	6.4	1.5	7.5	8.2	37.0	1.5	17	6
S	1117.7	B?	425457	7268644	0.3	1.8	1.0	1.3	2.2	10.3	---	---	0
T	1143.6	D	425450	7269459	2.8	5.5	1.5	5.7	6.3	42.8	2.4	28	9
U	1150.6	B?	425474	7269718	0.9	2.7	1.2	7.5	7.8	61.5	1.1	26	0
V	1155.1	B?	425490	7269872	0.8	6.3	0.5	6.0	7.3	36.1	0.6	10	0
W	1159.2	B	425502	7270007	1.1	3.7	0.3	6.6	7.1	44.0	1.0	19	0
X	1224.3	B?	425578	7272486	1.3	3.5	1.6	4.5	15.2	26.5	---	---	6
Y	1228.4	B	425595	7272642	1.4	4.2	1.8	5.7	19.1	27.2	1.8	24	2
Z	1257.7	S	425611	7273644	1.0	6.4	1.3	12.0	19.6	73.9	0.8	0	1
AA	1264.8	S	425598	7273894	2.4	12.9	4.5	26.9	74.6	138.8	1.4	0	0
AB	1309.0	S	425642	7275563	0.5	8.3	0.6	10.8	8.3	77.5	---	---	0
AC	1369.1	B?	425679	7277871	0.1	3.2	1.8	7.4	18.8	32.9	---	---	0
AD	1442.7	B	425741	7280475	0.6	4.4	1.0	5.2	6.3	32.0	0.7	10	0
LINE 20090													
A	2381.7	S	425447	7249820	1.4	10.3	0.7	17.3	30.2	91.7	---	---	0
B	2376.8	B?	425453	7249994	2.2	9.0	1.2	12.5	16.9	85.3	1.2	12	0
C	2364.8	S	425461	7250435	1.9	9.7	2.7	16.7	30.1	84.5	1.2	7	0
D	2215.3	B?	425552	7255736	0.6	5.1	0.3	7.7	9.0	46.2	---	---	7
E	2203.4	B	425567	7256161	0.5	3.7	0.8	5.0	4.4	32.4	0.7	11	0
F	2166.9	B?	425552	7257410	0.7	0.5	1.6	2.1	5.3	0.8	---	---	0
G	2158.6	S	425565	7257682	2.3	4.2	2.7	6.7	17.4	35.1	2.1	51	0
H	2119.0	B	425700	7258957	1.4	9.2	3.4	15.6	22.8	65.6	1.2	6	5
I	2116.1	B	425705	7259054	0.9	4.6	1.3	3.5	4.6	27.8	1.3	23	0
J	2109.6	L	425710	7259271	24.2	9.7	33.1	13.3	37.6	42.5	49.3	17	501
K	2099.0	B?	425688	7259622	0.2	1.5	0.4	1.5	0.3	16.6	---	---	7
L	2090.8	S	425665	7259897	1.6	6.7	2.3	11.0	11.8	58.1	---	---	7
M	2067.3	B?	425664	7260682	1.0	1.8	0.3	1.4	0.8	9.7	---	---	0
N	2039.0	B?	425722	7261645	1.3	0.9	1.6	1.6	3.2	4.5	---	---	0
O	1984.6	B?	425756	7263605	1.2	6.2	1.5	10.6	15.7	65.4	---	---	0
P	1979.4	S	425771	7263792	1.6	5.6	1.9	9.1	15.1	57.5	---	---	0
Q	1921.6	B?	425791	7265934	0.1	11.1	0.3	21.3	8.9	111.8	0.5	10	239
R	1911.4	B?	425817	7266301	0.7	5.3	0.5	7.0	6.5	71.8	---	---	0
S	1902.4	S	425841	7266628	1.6	14.0	1.6	22.1	29.5	149.2	0.7	0	0
T	1887.1	B?	425876	7267199	2.4	3.4	3.8	2.7	1.3	28.2	5.4	48	0
U	1879.3	B?	425893	7267483	3.1	6.5	2.1	9.8	29.6	41.4	---	---	127
V	1851.9	D	425859	7268552	2.7	5.3	0.9	6.0	11.2	23.3	2.2	23	0
W	1844.1	B?	425864	7268833	1.8	2.6	0.5	-2.4	2.6	13.3	---	---	0
X	1831.3	B?	425891	7269213	0.5	3.8	2.1	4.9	12.1	9.3	---	---	0
Y	1821.5	B?	425915	7269579	2.0	6.1	0.9	7.7	12.4	54.3	1.4	15	0
Z	1817.6	B	425918	7269724	1.4	6.0	0.9	6.3	9.0	41.6	1.1	12	0
AA	1813.7	B	425921	7269864	0.4	2.8	1.0	3.0	6.1	15.5	---	---	7
AB	1804.4	B	425926	7270198	0.2	6.5	0.3	8.0	6.3	54.5	---	---	7
AC	1782.2	S	425962	7270919	1.0	3.4	1.1	5.9	14.9	29.2	---	---	6
AD	1752.0	B	425947	7271949	1.6	2.4	0.3	3.9	10.2	19.0	1.9	42	0
AE	1729.4	B?	425933	7272866	2.4	1.7	1.0	0.8	2.9	3.5	---	---	5

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20090													
AF	1612.4	B?	426091	7277629	2.0	6.5	2.9	10.4	26.2	34.6	1.9	12	7
AG	1544.0	B?	426148	7280511	1.8	4.5	0.7	8.5	19.0	38.3	---	---	0
LINE 20100													
A	2493.2	B	425807	7250880	0.9	2.1	0.7	0.5	2.2	3.9	1.6	84	0
B	2543.1	H	425948	7252818	3.6	6.4	0.3	9.8	21.6	52.0	---	---	5
C	2610.9	D?	425990	7255489	1.3	2.6	0.2	1.6	0.2	14.3	1.8	42	5
D	2694.8	L	426062	7258841	15.7	9.4	17.6	15.0	30.7	54.3	18.9	20	338
E	2745.0	S	426094	7260852	0.5	3.2	0.1	4.9	2.3	42.0	---	---	0
F	2819.1	S	426178	7263838	0.8	2.1	1.3	2.9	3.7	15.8	---	---	0
G	2873.6	B	426232	7266012	1.5	1.1	1.1	2.6	0.1	16.3	3.8	64	0
H	2878.3	B?	426238	7266180	1.2	0.5	0.6	0.1	0.1	0.1	---	---	0
I	2898.5	B?	426256	7266942	0.4	0.4	0.3	0.1	4.9	2.6	---	---	5
J	2903.7	B	426251	7267146	1.0	2.0	0.3	0.4	0.3	3.1	1.4	82	0
K	2922.4	S	426237	7267833	3.7	18.1	4.4	28.6	82.4	119.5	1.5	0	0
L	2941.8	D	426238	7268479	1.7	3.3	0.3	1.8	2.7	9.9	2.0	36	0
M	2946.6	D	426251	7268641	2.0	9.8	0.5	7.4	8.2	43.2	1.0	0	56
N	2951.8	D	426260	7268817	2.0	1.8	1.8	5.4	11.9	32.0	2.9	58	0
O	2961.6	B?	426269	7269156	0.7	5.5	0.9	6.2	11.8	28.3	0.6	2	2
P	2965.2	B?	426269	7269288	0.9	5.8	2.4	8.4	18.6	28.5	1.2	13	0
Q	2987.8	S	426314	7270047	1.4	3.9	1.5	7.7	13.7	51.9	1.5	18	5
R	3084.9	B?	426432	7273682	0.4	0.7	0.9	0.1	2.1	1.2	---	---	5
S	3206.0	B?	426541	7277974	2.5	7.3	2.9	9.2	20.6	38.1	2.2	14	0
T	3219.6	S	426546	7278442	1.0	5.5	3.1	10.5	18.9	71.7	1.3	14	0
U	3221.9	B?	426545	7278522	1.4	7.6	2.6	10.5	18.9	66.0	1.3	13	5
LINE 20111													
A	807.2	B?	426300	7252988	2.0	13.2	1.5	19.0	28.4	104.9	0.8	0	7
B	810.0	H	426291	7253101	2.5	7.3	1.5	11.7	22.7	51.6	---	---	7
C	815.9	B	426282	7253326	0.3	7.8	0.6	19.2	27.4	99.3	---	---	0
D	946.1	L	426438	7258280	17.2	5.6	23.3	6.4	26.9	25.2	69.7	20	1090
E	961.8	B?	426427	7258858	3.1	7.1	2.4	9.6	19.8	43.9	---	---	6
F	1011.0	B	426472	7260684	0.4	1.8	0.4	1.9	2.7	13.1	---	---	0
G	1031.2	B?	426494	7261450	0.2	3.7	1.6	4.6	9.6	22.3	---	---	7
H	1036.2	B	426497	7261642	2.6	5.5	1.9	4.5	14.0	18.1	2.8	27	0
I	1103.3	B?	426596	7264255	2.4	4.3	3.1	8.3	16.4	29.4	2.6	15	0
J	1139.8	L	426632	7265738	0.2	3.3	0.3	2.9	5.6	27.8	---	---	0
K	1156.5	L	426661	7266409	3.5	5.3	3.5	7.4	11.3	37.2	2.9	41	4
L	1163.2	B?	426672	7266676	1.8	7.5	1.3	17.8	34.6	93.9	1.0	0	0
M	1215.6	D	426659	7268647	1.3	4.0	0.8	0.9	2.2	8.6	1.6	37	0
N	1222.2	D	426662	7268895	1.8	7.0	1.3	1.2	5.2	28.7	1.7	21	0
O	1229.9	D	426664	7269185	0.9	6.1	4.8	3.3	7.3	18.5	2.5	29	0
P	1234.7	B	426665	7269373	1.4	6.0	2.6	4.8	4.9	36.4	---	---	0
Q	1258.9	B?	426659	7270226	0.2	1.0	0.6	0.0	3.0	2.9	---	---	0
R	1273.8	B?	426681	7270739	0.8	4.4	0.7	6.0	7.6	35.9	0.6	13	0
S	1321.5	B?	426753	7272679	0.5	2.7	0.6	3.0	7.3	11.9	---	---	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

					CX 1104 HZ		CP 877 HZ		CP 7180 HZ		Vertical Dike		Mag. Corr
Label	Fid	Interp	XUTM m	YUTM m	Real ppm	Quad ppm	Real ppm	Quad ppm	Real ppm	Quad ppm	COND siemens	DEPTH* m	NT
LINE 20111													
T	1340.0	S	426730	7273429	0.4	4.3	0.4	7.3	6.1	45.0	---	---	0
U	1504.7	S	426984	7280290	1.6	4.8	1.7	9.9	32.3	35.3	1.5	8	0
LINE 20120													
A	2407.5	B?	426694	7250702	0.7	7.5	0.9	7.5	9.5	54.5	0.6	5	0
B	2396.8	B?	426733	7251131	0.4	10.7	1.0	14.3	26.0	80.8	---	---	6
C	2355.4	B?	426668	7252248	3.5	5.6	1.7	8.5	26.3	34.3	2.8	15	0
D	2344.2	B?	426669	7252538	4.9	2.0	0.2	1.8	14.3	16.0	---	---	0
E	2267.0	B	426697	7255087	3.0	1.5	2.9	16.0	31.0	101.5	---	---	0
F	2195.4	L	426781	7257802	19.7	13.0	9.2	8.0	25.4	29.9	18.4	21	9
G	2191.2	B?	426788	7257953	4.5	8.2	6.8	17.6	33.2	38.1	3.5	20	0
H	2186.7	B?	426797	7258134	2.4	5.0	3.8	7.5	11.7	24.9	---	---	0
I	2167.2	B?	426839	7258938	1.3	2.5	2.4	1.2	0.7	14.5	3.9	65	0
J	2153.0	B	426878	7259499	1.3	2.2	1.3	8.1	9.8	34.9	---	---	0
K	2149.2	B?	426878	7259642	0.3	2.2	3.1	10.0	34.5	32.7	---	---	6
L	2145.4	B	426875	7259785	2.4	7.3	4.6	11.3	29.4	40.1	---	---	0
M	2142.3	D	426874	7259898	2.3	7.8	2.8	8.9	13.1	47.7	2.0	18	0
N	2128.4	B	426878	7260435	0.4	4.4	0.3	4.2	2.2	31.2	---	---	0
O	2088.8	B	426936	7262086	2.2	2.2	0.4	1.1	4.2	8.1	---	---	3
P	2042.2	S?	426943	7264009	0.5	8.0	1.6	13.8	10.1	85.3	---	---	0
Q	2037.1	S	426935	7264201	1.1	6.5	1.6	9.0	15.5	65.5	---	---	78
R	2030.6	B?	426928	7264452	6.6	11.5	13.5	15.1	40.1	101.1	5.5	28	128
S	2024.7	M	426925	7264671	1.2	5.7	1.3	9.8	3.1	59.8	---	---	28
T	2015.0	S?	426934	7265011	0.6	3.3	1.7	4.2	0.6	25.5	---	---	203
U	2008.0	M	426941	7265250	7.6	4.5	0.4	15.5	21.5	83.1	---	---	85
V	2005.3	L	426941	7265347	0.5	10.7	10.0	10.1	4.2	58.4	---	---	0
W	1998.3	B?	426933	7265600	3.5	4.2	7.3	7.3	9.9	39.4	6.3	38	12
X	1974.8	S	426957	7266472	0.4	12.9	1.8	23.4	30.8	138.5	0.6	0	0
Y	1969.0	B?	427002	7266692	1.3	2.8	1.2	2.7	1.2	24.1	2.2	36	1
Z	1948.2	S	427085	7267500	5.8	31.9	8.7	57.8	169.7	238.1	1.7	0	0
AA	1937.8	D	427114	7267906	3.3	4.5	7.3	5.0	12.4	28.7	6.9	29	0
AB	1934.3	D	427110	7268045	2.5	5.8	5.0	5.6	12.1	33.4	3.2	39	0
AC	1931.0	M	427107	7268183	0.3	0.9	0.1	1.8	1.9	11.0	---	---	326
AD	1925.9	B	427104	7268385	2.7	1.0	1.7	0.2	14.1	1.4	3.6	43	0
AE	1918.8	B	427106	7268660	1.4	3.0	0.4	1.9	3.1	13.3	---	---	6
AF	1909.6	B?	427119	7269010	2.0	5.9	1.0	2.1	1.7	24.7	1.6	26	0
AG	1901.8	B?	427153	7269308	3.8	9.0	4.6	14.1	30.4	76.7	---	---	124
AH	1894.3	B?	427156	7269608	2.3	6.2	4.0	.5.6	7.3	26.5	3.0	32	0
AI	1887.8	B	427142	7269872	1.9	6.9	0.9	11.6	34.2	44.3	1.1	6	2
AJ	1869.4	B?	427125	7270563	1.0	2.7	0.6	2.6	4.9	20.5	---	---	0
AK	1856.8	B	427128	7271038	0.8	8.7	0.1	10.2	6.6	68.7	0.5	9	0
AL	1767.0	S	427224	7274256	0.2	4.3	0.1	4.8	2.6	41.2	---	---	6
AM	1757.1	D	427226	7274622	1.3	3.2	0.0	0.8	2.8	8.7	1.5	40	0
LINE 20130													
A	2627.7	B?	427011	7250543	1.2	5.9	0.3	7.3	11.5	39.5	0.8	7	3

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20130													
B	2632.1	B?	427017	7250685	1.2	6.4	1.1	7.5	7.3	42.5	1.0	13	5
C	2634.8	B?	427014	7250774	1.5	4.0	1.3	7.5	12.0	35.6	1.5	26	0
D	2694.5	B	427080	7252592	1.9	7.8	0.6	9.7	8.6	68.2	1.1	5	0
E	2764.0	B?	427164	7254970	3.2	0.1	1.2	0.7	6.5	17.9	---	---	0
F	2777.7	B?	427169	7255456	0.8	5.9	2.8	8.2	28.1	46.0	1.3	15	0
G	2793.4	B	427154	7255994	0.4	2.1	0.6	1.5	5.5	7.4	---	---	0
H	2821.2	B	427164	7256959	1.0	3.7	0.5	3.2	6.0	17.7	1.1	23	0
I	2847.0	L	427176	7257830	65.0	55.7	19.8	24.5	51.9	56.6	18.4	5	106
J	2857.6	B	427211	7258132	16.9	25.5	22.7	47.1	100.8	112.3	5.1	12	0
K	2865.3	D	427223	7258386	0.0	3.4	9.4	24.3	45.3	24.9	2.1	18	0
L	2893.5	B	427260	7259377	0.5	3.2	0.3	4.2	5.9	27.8	---	---	0
M	2924.4	B?	427293	7260514	1.7	4.9	1.0	6.2	11.3	33.7	1.6	19	0
N	2986.8	B?	427335	7262895	0.7	4.3	0.6	4.9	9.2	27.5	---	---	0
O	3015.3	B	427425	7264029	2.6	6.0	3.6	11.1	18.8	50.1	2.5	18	1
P	3021.9	B	427420	7264289	1.5	1.0	0.1	0.3	0.1	18.2	---	---	15
Q	3030.5	L	427415	7264659	1.0	8.2	0.1	6.3	14.0	34.6	0.5	0	5
R	3048.3	M	427419	7265345	0.8	0.1	7.8	1.7	2.4	15.0	---	---	201
S	3062.0	M	427432	7265915	0.6	0.7	0.2	2.0	0.3	0.4	---	---	130
T	3070.0	L	427422	7266253	4.0	10.7	2.8	14.2	25.1	72.8	2.2	6	0
U	3095.1	S	427422	7267251	6.4	9.8	8.3	20.2	148.2	40.6	---	---	0
V	3100.5	L?	427432	7267467	3.8	13.9	6.0	25.8	84.7	68.1	2.1	0	5
W	3133.4	B?	427502	7268831	1.9	8.5	1.8	12.5	34.8	58.1	1.2	0	0
X	3288.3	B?	427629	7274944	0.4	2.2	0.4	1.5	2.6	11.9	---	---	1
LINE 20140													
A	4421.1	B?	427454	7249865	2.6	4.8	0.1	4.0	9.4	13.4	2.2	21	0
B	4396.6	D	427428	7250370	1.2	6.2	0.6	8.5	6.1	53.9	0.8	11	0
C	4313.5	B?	427502	7252786	2.0	8.2	1.8	8.4	18.7	47.6	---	---	0
D	4245.1	B	427585	7255141	2.0	9.2	9.2	15.6	36.7	46.3	2.9	4	0
E	4177.4	L	427593	7257577	42.9	35.6	3.4	7.6	12.1	52.4	16.1	10	0
F	4162.0	B	427592	7258010	27.6	39.8	46.3	69.0	174.1	144.5	8.0	10	0
G	4160.0	B	427595	7258093	27.6	39.8	46.3	69.0	174.1	144.5	8.0	10	0
H	4158.3	B	427599	7258166	23.2	33.6	35.5	48.2	119.2	116.7	7.9	11	0
I	4156.1	B	427605	7258260	14.0	16.9	15.9	22.1	44.3	50.0	7.7	19	0
J	4069.0	B	427672	7261619	1.4	5.8	0.0	5.0	14.1	36.7	1.0	1	7
K	4062.3	B?	427694	7261924	5.2	11.9	2.5	14.2	49.4	38.1	---	---	7
L	4060.2	B	427701	7262015	5.2	11.9	2.3	14.2	49.4	38.1	2.5	0	7
M	4045.8	B	427739	7262642	1.3	4.5	1.9	6.6	19.1	36.0	1.6	19	0
N	4039.6	B	427742	7262916	2.9	5.2	0.8	24.4	35.8	136.0	1.2	7	7
O	4035.0	B?	427744	7263120	3.9	19.1	4.9	23.6	73.3	136.2	---	---	7
P	4032.8	B	427745	7263221	3.9	15.2	4.8	23.6	73.3	68.4	1.9	0	5
Q	4030.2	B	427747	7263335	4.2	6.5	4.7	15.2	44.3	125.0	---	---	7
R	4028.2	B	427747	7263422	1.9	8.6	5.9	21.2	40.2	125.0	1.9	6	0
S	4026.4	B	427748	7263499	1.2	12.2	3.5	22.3	42.1	125.1	---	---	168
T	4020.7	B?	427757	7263749	1.3	9.9	1.0	10.4	23.8	92.6	0.6	0	7
U	4013.1	B	427794	7264086	14.1	6.0	29.4	14.0	30.3	0.6	36.8	6	14

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20140													
V	4011.2	B	427804	7264168	14.6	5.5	14.5	7.6	18.8	7.6	36.7	9	15
W	4003.7	L	427840	7264488	2.7	3.1	0.4	3.7	12.9	47.5	2.2	61	0
X	3992.0	M	427849	7264968	1.0	8.7	4.9	15.5	25.2	75.1	---	---	42
Y	3987.6	B	427853	7265128	2.6	10.2	7.1	14.5	26.8	80.0	2.9	20	0
Z	3985.4	B	427855	7265204	2.9	5.9	5.3	6.7	9.5	42.6	2.9	30	26
AA	3975.7	B	427833	7265505	12.2	11.9	0.4	13.5	1.2	73.5	4.8	37	60
AB	3955.5	B?	427793	7266148	3.1	12.3	4.1	19.1	51.0	94.4	---	---	206
AC	3938.2	M	427795	7266765	0.3	13.0	1.1	25.7	52.5	124.7	---	---	219
AD	3935.2	B?	427803	7266881	5.0	13.5	5.5	25.7	52.5	124.7	2.4	0	0
AE	3925.8	B?	427832	7267261	4.1	34.4	7.2	68.6	160.8	369.5	1.1	0	7
AF	3921.8	S	427847	7267432	5.3	40.5	8.2	69.6	170.4	375.9	1.3	0	0
AG	3913.4	B?	427870	7267777	1.0	14.0	0.4	18.5	29.4	116.5	0.5	1	0
AH	3909.5	L	427877	7267933	8.7	37.0	4.1	42.1	64.0	230.7	1.9	0	0
AI	3899.2	B	427884	7268343	1.2	1.7	0.6	0.8	0.6	6.9	---	---	0
AJ	3875.5	S	427876	7269318	1.1	10.4	3.2	18.3	48.5	87.3	0.9	2	0
AK	3821.9	B	427915	7271451	0.1	1.6	0.4	0.3	0.1	6.4	---	---	0
AL	3815.1	B?	427922	7271706	0.7	0.8	0.9	1.4	4.8	10.5	2.6	94	0
AM	3752.0	B?	427988	7273824	0.7	6.7	0.2	9.8	7.4	64.3	---	---	7
AN	3748.6	B	427984	7273941	0.7	4.2	1.4	5.6	6.9	35.3	---	---	7
AO	3673.0	B?	428070	7276566	1.2	2.3	0.9	2.4	4.5	14.9	---	---	1
AP	3610.3	B?	428119	7278891	2.9	8.1	4.2	19.1	45.9	79.1	2.0	5	0
LINE 20150													
A	4580.7	B?	427867	7251174	1.6	5.0	1.7	5.9	18.3	19.4	1.7	19	0
B	4618.3	B	427881	7252310	0.4	2.9	0.1	4.0	13.0	25.1	---	---	11
C	4638.0	B?	427843	7252992	0.5	8.6	0.3	10.9	12.2	71.4	---	---	0
D	4647.7	B?	427865	7253351	0.1	5.7	0.4	5.4	5.7	43.2	---	---	11
E	4704.1	S	427944	7255133	3.1	4.2	6.6	8.0	34.1	13.8	---	---	0
F	4714.6	B	427938	7255476	0.7	5.4	3.2	7.9	15.2	31.4	---	---	0
G	4726.6	B	427947	7255796	0.3	0.4	0.0	6.2	0.3	37.9	---	---	0
H	4732.2	B	427959	7255918	5.6	0.8	4.4	3.6	10.7	6.3	---	---	0
I	4737.8	B	427962	7256075	5.0	11.2	13.4	17.0	44.4	58.7	---	---	0
J	4774.3	L	428032	7257248	29.3	19.2	9.5	12.9	33.7	29.3	14.3	4	17
K	4791.1	S	428014	7257829	11.9	24.8	24.3	44.0	115.2	107.6	4.1	11	0
L	4799.8	B	428004	7258165	36.1	44.3	59.5	66.3	170.9	135.3	12.2	4	11
M	4802.6	B	428010	7258263	56.7	44.6	60.3	64.9	160.4	76.8	21.9	6	0
N	4805.4	B	428017	7258362	56.7	44.6	58.8	71.1	160.4	77.6	18.6	11	0
O	4807.7	B	428021	7258439	26.0	34.9	75.2	71.5	193.9	87.9	13.0	14	8
P	4830.5	B?	428023	7259207	0.9	4.0	2.1	5.3	14.2	28.5	---	---	38
Q	4866.7	B?	428064	7260547	0.9	5.0	1.2	7.0	12.6	37.5	0.9	12	0
R	4895.2	D	428105	7261564	2.0	3.6	0.4	3.0	6.1	11.0	2.0	17	0
S	4902.6	B	428136	7261852	1.7	3.6	0.5	2.9	8.2	28.9	1.9	26	11
T	4905.0	B	428140	7261946	1.7	3.6	0.5	2.9	8.2	28.9	---	---	0
U	4910.8	B	428133	7262166	2.3	7.7	1.7	5.8	16.6	33.3	1.8	3	11
V	4921.5	B	428117	7262592	1.1	7.2	0.3	7.7	7.9	61.3	0.5	7	0
W	4932.5	B	428111	7263021	10.2	12.0	12.7	17.7	41.3	24.8	6.8	16	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20150													
X	4935.7	B	428113	7263142	10.2	7.5	14.9	24.3	60.9	18.7	8.5	13	10
Y	4941.2	B?	428126	7263353	1.3	4.3	14.1	1.2	12.4	10.5	14.2	31	0
Z	4943.5	M	428133	7263438	1.3	4.1	0.5	6.4	1.1	34.6	---	---	733
AA	4945.9	B	428140	7263524	6.7	10.6	15.8	11.7	21.2	78.9	---	---	0
AB	4949.5	B	428154	7263649	8.4	1.9	21.1	11.7	24.3	78.9	---	---	0
AC	4964.9	L	428203	7264183	6.3	1.3	9.0	1.3	0.4	10.5	82.2	48	11
AD	4970.4	B?	428204	7264391	0.2	4.1	2.7	9.1	18.3	57.9	---	---	164
AE	4978.0	B?	428193	7264677	4.2	6.4	8.4	5.7	15.1	1.7	6.4	22	0
AF	4980.4	B?	428190	7264771	4.0	8.9	8.0	11.5	33.2	15.0	3.1	24	0
AG	4987.5	D	428189	7265043	2.6	12.8	2.3	17.8	36.4	73.0	1.2	0	61
AH	4998.0	B	428194	7265445	2.4	3.6	4.1	7.5	11.3	44.8	2.8	40	16
AI	5008.5	B	428198	7265855	10.0	9.0	12.4	14.1	28.4	40.0	9.8	22	11
AJ	5013.0	B	428204	7266041	31.9	34.4	45.1	51.1	114.2	54.7	12.7	0	0
AK	5016.6	B?	428210	7266186	23.2	14.5	58.2	53.3	121.4	62.9	20.1	0	5
AL	5025.5	L	428218	7266527	1.0	8.0	4.0	11.6	23.0	58.2	---	---	41
AM	5043.6	L	428248	7267239	1.4	16.5	5.4	23.0	49.6	91.2	1.2	0	0
AN	5047.2	B	428259	7267391	4.4	23.8	4.3	36.1	83.0	149.8	---	---	0
AO	5050.5	L?	428266	7267526	3.7	8.4	1.3	13.4	36.6	57.3	2.4	9	0
AP	5054.5	B	428270	7267678	2.8	16.4	2.5	22.4	78.0	109.0	1.1	0	0
AQ	5059.9	B	428269	7267876	0.2	0.5	1.4	1.1	59.5	15.6	---	---	0
AR	5064.9	B	428268	7268056	3.2	14.7	4.1	13.9	35.8	55.0	1.9	2	0
AS	5067.7	L	428269	7268157	32.0	68.3	10.8	62.5	183.0	241.9	5.0	0	2
AT	5075.4	B	428272	7268423	2.7	15.1	5.1	23.0	66.8	95.1	1.6	0	0
AU	5079.3	B	428267	7268555	1.7	11.0	2.6	24.6	50.0	120.8	0.9	0	0
AV	5083.9	B?	428261	7268717	1.3	5.4	2.1	14.5	27.7	68.9	1.1	2	0
AW	5109.9	D	428274	7269638	0.0	4.2	0.5	4.4	2.3	28.3	---	---	44
AX	5112.0	D	428276	7269716	1.5	3.7	1.0	5.5	6.8	36.2	1.6	24	0
AY	5119.9	B	428285	7269987	0.6	1.4	0.5	0.5	0.1	2.2	---	---	79
AZ	5132.4	S?	428304	7270424	0.1	7.4	3.4	11.0	2.3	67.5	---	---	336
BA	5168.9	B?	428371	7271761	1.3	4.1	1.6	6.4	17.7	16.7	---	---	0
BB	5176.8	B?	428378	7272049	1.2	5.2	2.1	9.9	23.2	33.2	1.3	8	0
BC	5318.0	S?	428492	7277572	2.1	3.5	1.8	5.0	4.3	38.3	---	---	0
BD	5363.4	B	428520	7279197	2.2	2.3	2.2	3.0	10.2	4.1	---	---	0
BE	5398.7	B?	428560	7280334	0.8	1.8	1.5	3.0	2.7	18.4	---	---	0
LINE 20160													
A	6508.7	B	428269	7249727	0.5	8.3	0.1	13.4	23.6	74.1	0.5	0	12
B	6487.7	B	428257	7250531	0.9	2.3	0.7	1.3	7.8	1.0	1.5	49	0
C	6484.7	D	428255	7250643	2.0	3.3	0.2	5.5	7.4	40.5	1.8	34	11
D	6473.3	B?	428263	7251045	0.0	8.4	2.1	17.2	40.3	75.6	---	---	0
E	6465.1	B?	428234	7251272	1.5	4.5	0.2	3.8	0.8	30.5	1.5	28	0
F	6447.1	B	428296	7251697	0.2	4.4	1.1	5.4	9.7	29.7	---	---	12
G	6439.6	B	428298	7251919	2.2	2.4	0.8	2.7	1.2	19.8	2.8	61	0
H	6379.0	B?	428318	7253957	4.0	0.0	0.8	13.3	24.9	64.8	3.5	45	11
I	6362.1	S	428368	7254600	0.1	8.7	1.2	16.3	25.7	99.5	0.5	14	0
J	6340.0	B	428375	7255125	9.3	23.5	21.5	35.5	103.6	88.7	5.0	0	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20160													
K	6335.0	B	428360	7255317	6.2	10.4	16.4	16.4	35.7	40.2	6.3	27	12
L	6307.7	B?	428320	7255857	4.4	2.3	8.4	7.6	20.1	7.1	---	---	0
M	6298.8	B	428359	7256060	9.2	16.1	20.9	28.4	62.5	77.2	5.2	17	0
N	6294.0	B	428392	7256233	8.7	7.3	12.8	10.2	21.6	26.4	---	---	0
O	6270.1	L	428389	7257023	17.3	11.6	1.2	6.1	16.0	23.2	13.3	13	55
P	6241.5	D	428384	7257667	9.2	16.2	16.1	30.2	64.6	49.0	4.0	8	0
Q	6238.3	B	428386	7257783	9.2	16.2	16.1	30.2	64.6	49.0	4.0	14	0
R	6219.5	B	428416	7258400	13.7	16.4	44.3	25.2	66.2	21.4	16.2	16	0
S	6216.2	B	428416	7258509	23.3	19.4	44.6	38.9	90.4	39.4	16.9	12	0
T	6212.0	B?	428414	7258645	21.6	20.0	31.9	32.7	79.5	20.7	13.4	1	0
U	6188.1	S	428426	7259493	1.1	3.9	0.0	7.9	9.5	45.7	---	---	0
V	6116.4	D	428492	7261577	2.7	5.6	0.2	5.3	6.9	30.5	1.9	18	12
W	6107.2	B	428504	7261855	1.3	4.4	1.0	2.0	11.8	5.5	---	---	0
X	6102.2	B	428518	7262053	0.5	3.2	1.9	2.3	1.2	22.6	1.6	18	12
Y	6095.8	D	428538	7262303	0.6	3.9	0.2	5.4	12.1	42.7	0.6	6	0
Z	6089.2	B?	428567	7262573	1.3	5.3	1.2	7.4	14.1	51.0	---	---	11
AA	6072.4	D	428638	7263256	6.9	6.6	6.6	8.4	16.2	14.6	7.6	20	12
AB	6069.0	B	428644	7263391	4.0	2.7	4.4	2.7	3.3	3.8	---	---	0
AC	6060.3	L?	428634	7263741	2.6	12.1	5.4	14.8	31.6	71.7	2.2	2	0
AD	6041.9	M	428560	7264364	1.0	2.7	1.3	4.4	2.5	33.9	---	---	69
AE	6039.5	M	428555	7264444	3.6	0.4	0.7	1.8	1.4	9.6	---	---	157
AF	6031.5	B?	428554	7264707	8.1	16.6	14.3	28.6	77.6	89.5	4.6	1	12
AG	6029.8	M	428558	7264765	1.7	12.1	6.4	27.5	73.3	76.5	---	---	108
AH	6026.0	B?	428568	7264909	4.5	13.0	6.4	14.6	32.9	57.5	2.9	7	12
AI	6018.7	B	428589	7265176	0.2	3.7	0.2	5.0	4.8	21.9	---	---	91
AJ	6010.5	D	428619	7265440	0.2	1.9	2.5	3.9	8.7	2.1	1.7	30	0
AK	6003.0	D	428646	7265651	2.8	3.7	5.3	1.9	2.9	1.6	8.4	42	0
AL	5995.0	B	428670	7265839	3.7	1.6	5.7	2.9	3.8	10.8	---	---	0
AM	5982.5	L	428672	7266193	43.5	34.1	96.3	67.2	157.3	102.5	26.6	0	0
AN	5979.5	B	428668	7266292	51.7	45.4	95.9	76.0	189.2	114.0	22.9	5	0
AO	5955.6	B?	428635	7266962	0.4	5.6	0.7	1.9	0.3	15.3	---	---	0
AP	5948.4	B?	428635	7267111	1.3	2.9	3.2	1.9	3.0	19.1	3.6	67	0
AQ	5941.1	M	428639	7267284	1.8	0.0	13.4	18.8	44.3	67.9	---	---	69
AR	5935.0	D	428634	7267475	42.2	31.0	110.9	25.4	106.2	106.8	---	---	0
AS	5931.8	B?	428630	7267581	30.9	5.9	93.4	5.9	72.9	4.2	---	---	0
AT	5929.5	M	428627	7267664	5.5	0.8	33.9	0.0	27.2	4.2	---	---	1848
AU	5925.3	D	428625	7267812	6.7	11.9	26.3	47.5	185.8	224.5	4.6	27	0
AV	5920.7	S	428621	7267966	16.6	45.1	21.9	77.6	129.5	423.4	4.9	6	12
AW	5913.1	B?	428631	7268218	3.1	13.1	0.0	7.8	2.4	65.3	1.2	8	0
AX	5908.4	L?	428641	7268377	0.4	21.6	3.6	14.0	41.4	55.9	1.5	0	200
AY	5903.4	L?	428645	7268548	4.4	15.6	2.8	20.0	37.5	99.4	1.8	3	0
AZ	5895.0	B	428643	7268862	0.5	11.8	2.9	16.9	22.6	85.0	---	---	64
BA	5894.3	M	428644	7268887	0.1	10.4	1.3	15.7	19.8	78.3	---	---	67
BB	5864.2	D	428716	7269933	1.1	2.4	0.2	1.6	3.6	10.6	1.5	44	0
BC	5860.4	B?	428718	7270045	1.1	2.7	1.1	1.5	3.7	10.9	2.2	46	3
BD	5852.9	B?	428716	7270257	1.1	3.0	10.7	0.7	2.3	5.1	---	---	12

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM	YUTM	CX 1104 HZ		CP 877 HZ		CP 7180 HZ		Vertical Dike		Mag. Corr
					Real	Quad	Real	Quad	Real	Quad	COND	DEPTH*	
			m	m	ppm	ppm	ppm	ppm	ppm	ppm	siemens	m	NT
LINE 20160													
BE	5848.6	S?	428713	7270377	5.9	5.5	16.5	4.5	6.5	25.6	---	---	5
BF	5844.5	B	428712	7270494	4.7	5.2	13.5	9.1	9.1	58.3	11.7	35	0
BG	5842.0	S?	428710	7270566	0.1	6.6	0.4	9.6	0.8	61.9	---	---	0
BH	5822.0	B?	428711	7271010	1.1	4.0	1.6	6.8	15.4	22.3	---	---	9
BI	5814.4	B?	428711	7271263	0.2	3.6	2.7	4.9	5.5	19.6	---	---	0
BJ	5806.3	B	428705	7271578	2.5	5.2	2.6	8.4	17.3	27.0	2.5	20	0
BK	5795.0	B?	428708	7271999	1.5	3.3	1.8	4.4	11.0	28.2	---	---	0
BL	5785.7	B?	428721	7272340	0.8	3 2	0.3	3.0	3.1	18.8	---	---	12
BM	5779.8	B	428740	7272554	0.9	2.0	0.2	1.3	1.7	6.1	---	---	0
BN	5770.9	B	428779	7272867	0.3	1.8	0.3	1.9	0.3	12.6	---	---	0
BO	5722.0	B	428859	7274633	0.1	1.3	0.0	0.9	3.1	6.7	---	---	12
BP	5710.1	B	428871	7275040	0.0	8.7	0.2	11.9	8.1	79.5	0.5	9	0
BQ	5704.2	B	428853	7275221	1.0	2.4	0.9	7.8	21.4	37.7	1.1	22	0
BR	5696.1	B	428838	7275455	2.0	6.3	0.9	6.9	11.4	38.9	1.4	17	0
BS	5557.0	B?	428896	7279689	0.1	5.0	0.7	8.5	3.5	49.8	---	---	12
LINE 20170													
A	953.8	B	428666	7250786	1.5	3.7	0.6	3.5	7.3	22.4	1.4	24	0
B	959.3	B	428680	7250973	0.7	5.3	0.4	4.7	12.8	28.7	---	---	0
C	993.7	B?	428745	7252107	2 4	5.2	2.9	4.8	23.8	3.6	2.3	42	12
D	1031.7	B?	428711	7253594	1.3	5.1	0.5	5.8	10.4	33.8	1.0	8	0
E	1057.5	S	428742	7254502	1.7	4.2	1.3	5.2	11.2	26.4	---	---	0
F	1066.7	S	428747	7254786	0.3	3.3	0.4	2.9	0.0	28.1	---	---	0
G	1071.9	B?	428746	7254960	3.1	3.1	2.4	3.2	7.5	13.6	---	---	27
H	1085.9	B	428763	7255488	14.8	6.7	36.7	12.1	33.2	8.9	49.0	10	0
I	1096.4	B?	428764	7255885	2.3	11.7	0.1	16.4	39.5	79.0	---	---	151
J	1100.0	B	428770	7256034	13.6	10.4	21.0	23.1	39.2	79.0	12.6	4	0
K	1105.4	B	428772	7256266	29.1	13.8	59.0	34.4	80.9	15.1	37.2	0	0
L	1116.2	L	428783	7256639	35.1	26.2	10.1	21.7	62.3	56.1	13.4	7	0
M	1142.7	D	428828	7257662	7.5	7.2	2.9	7.4	18.4	23.0	6.0	26	0
N	1159.0	B	428804	7258319	2.8	8.9	2.3	11.6	35.1	48.5	---	---	0
O	1162.2	B?	428805	7258442	3.1	9.6	3.7	13.5	47.8	48.9	---	---	0
P	1210.0	B?	428929	7260311	1.2	0.5	0.9	0.6	5.6	0.3	---	---	0
Q	1232.1	D	428898	7261104	0.4	1.9	0.2	2.3	4.6	9.4	---	---	0
R	1241.3	B?	428879	7261418	1.8	6.3	0.5	6.1	10.2	36.2	1.1	5	0
S	1250.3	B?	428860	7261752	1.1	2.9	1.6	4.2	14.6	4.6	---	---	12
T	1253.2	B	428856	7261868	0.7	6.7	0.7	8.0	30.4	44.1	0.5	0	0
U	1259.3	B	428858	7262127	1.3	2.0	0.3	0.0	8.6	3.6	2.9	79	0
V	1265.7	D	428887	7262400	2.8	6.4	0.1	3.9	11.2	21.7	2.0	18	0
W	1289.5	B	428937	7263339	6.8	5.3	7.2	6.3	15.6	22.6	---	---	0
X	1300.8	L	428937	7263740	5.4	13.7	7.6	18.5	48.0	55.1	3.3	9	0
Y	1310.3	D	428967	7264010	1.9	3.1	0.3	0.0	0.2	6.6	2.5	74	0
Z	1319.9	B?	428971	7264274	0.6	10.2	1.4	14.0	27.0	65.4	0.6	0	0
AA	1324.0	B	428970	7264409	3.6	7.4	4.4	9.3	25.3	74.4	3.3	16	0
AB	1336.2	B?	428991	7264828	4.2	18.0	11.0	33.4	70.6	136.1	2.5	2	15
AC	1339.8	B	429003	7264952	8.2	25.7	15.1	43.2	98.0	195.9	3.4	3	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	Quad ppm	CP 877 HZ Real ppm	Quad ppm	CP 7180 HZ Real ppm	Quad ppm	Vertical Dike COND siemens	DEPTH* m	Mag. Corr NT
LINE 20170													
AD	1343.8	D	429016	7265087	6.5	15.0	14.2	33.7	74.4	78.7	3.9	8	0
AE	1348.9	B	429025	7265256	4.0	6.0	1.4	16.8	37.6	53.9	2.2	11	80
AF	1354.9	B?	429031	7265457	1.1	2.0	3.5	0.7	7.5	4.2	---	---	0
AG	1357.5	B	429027	7265548	2.1	3.6	4.2	5.2	12.8	42.1	---	---	12
AH	1362.1	B	429015	7265708	0.4	4.0	0.6	3.7	9.2	40.3	0.6	11	0
AI	1370.7	D	428996	7266011	21.9	28.7	17.6	43.5	110.1	103.0	5.7	9	0
AJ	1373.5	B?	428994	7266112	21.9	28.7	17.6	43.5	110.1	103.0	5.7	16	0
AK	1378.3	B	428987	7266286	6.1	9.6	0.2	5.1	23.6	40.0	2.7	33	12
AL	1381.0	B	428988	7266387	11.9	15.0	36.3	35.4	85.2	79.1	11.4	10	0
AM	1384.6	B	428995	7266519	18.1	31.4	42.6	52.6	116.0	152.1	7.4	13	0
AN	1394.0	D	429011	7266866	5.0	4.9	5.6	3.6	12.5	41.8	9.3	39	0
AO	1399.5	B	429003	7267075	0.0	6.0	2.5	5.0	15.0	42.5	0.7	0	0
AP	1401.8	B?	428998	7267165	1.4	6.9	2.0	6.5	18.0	42.9	1.5	2	0
AQ	1413.4	D	428996	7267571	0.0	4.3	3.0	4.1	11.4	13.0	1.3	12	0
AR	1417.0	S?	429007	7267710	0.6	9.2	7.0	8.8	15.4	21.1	2.0	12	0
AS	1420.0	B?	429017	7267825	6.7	9.6	9.0	10.3	26.4	54.0	5.8	23	0
AT	1440.9	L	429076	7268550	13.5	28.2	0.8	15.2	23.8	75.7	3.8	2	345
AU	1444.7	M	429084	7268684	5.8	11.7	12.5	32.3	78.8	115.2	---	---	433
AV	1447.6	B	429090	7268777	11.6	14.2	16.2	20.3	25.1	113.9	7.5	21	0
AW	1454.8	B	429101	7269002	2.9	2.2	15.8	8.6	18.2	31.2	---	---	0
AX	1460.4	B?	429106	7269192	0.8	4.0	1.2	4.7	12.0	26.1	1.1	20	0
AY	1486.6	D	429089	7270091	0.2	2.7	0.5	1.6	4.9	9.6	---	---	46
AZ	1490.0	D	429090	7270205	2.2	3.3	15.7	2.8	2.6	19.1	---	---	0
BA	1495.6	B?	429096	7270399	0.0	4.0	15.6	3.4	6.1	23.6	---	---	0
BB	1503.1	B	429103	7270666	5.5	2.7	15.4	2.7	14.1	16.7	---	---	0
BC	1506.3	B	429104	7270781	0.4	5.2	1.6	7.3	2.1	52.8	---	---	276
BD	1509.0	B?	429106	7270879	1.8	6.7	5.2	7.3	2.7	52.8	2.6	22	0
BE	1532.6	B	429151	7271843	1.9	0.8	2.0	2.3	3.1	2.3	---	---	12
BF	1582.1	S	429232	7273789	0.7	2.5	0.3	2.8	3.3	17.7	---	---	0
BG	1617.7	B?	429268	7275314	1.0	5.1	0.4	8.1	9.6	48.0	0.7	3	0
BH	1684.0	B?	429365	7278373	0.6	4.2	0.2	7.0	1.3	53.0	---	---	12
BI	1731.6	S	429346	7280122	0.6	5.8	0.7	9.1	16.3	56.1	0.5	6	12
LINE 20180													
A	2780.4	B?	429043	7250033	1.1	9.7	1.5	16.0	32.7	83.4	---	---	0
B	2748.8	B?	429091	7251102	1.8	7.8	0.1	10.8	21.7	63.5	0.8	1	0
C	2745.5	B?	429099	7251222	0.9	6.9	0.7	6.6	11.2	33.6	0.6	6	12
D	2678.4	B?	429091	7252950	3.2	2.6	1.1	7.3	15.9	15.5	2.9	51	12
E	2659.4	B?	429114	7253513	2.1	3.1	0.0	2.4	0.3	23.2	2.4	39	0
F	2654.4	B?	429127	7253669	0.7	1.1	0.4	1.9	3.7	8.3	---	---	0
G	2600.1	B?	429253	7255610	2.6	7.5	0.0	15.8	23.8	96.6	---	---	0
H	2582.8	L	429238	7256204	33.2	15.8	8.6	3.2	8.9	21.2	39.0	12	12
I	2581.0	B	429229	7256258	4.7	1.8	10.5	10.6	24.9	21.6	---	---	0
J	2568.6	B?	429179	7256641	2.9	4.6	5.0	10.9	15.3	50.0	2.6	50	0
K	2512.5	B?	429287	7258548	1.5	9.9	2.0	15.4	50.6	64.4	0.9	0	0
L	2503.8	S	429275	7258775	0.0	5.3	1.9	4.6	4.4	59.5	---	---	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20180													
M	2494.0	B?	429271	7258993	7.5	3.3	25.1	13.0	30.0	6.8	29.4	15	0
N	2488.4	D	429258	7259141	13.6	9.3	21.8	12.2	31.8	5.4	22.0	0	0
O	2483.9	D	429240	7259279	11.0	5.6	8.4	6.9	18.1	7.5	20.3	12	0
P	2473.6	B	429214	7259650	3.8	5.0	9.5	11.4	27.2	17.1	---	---	119
Q	2456.7	B?	429248	7260213	1.5	1.9	0.0	2.2	8.1	19.5	---	---	0
R	2428.1	B?	429334	7261067	0.8	1.9	0.5	6.9	7.7	36.6	0.9	20	12
S	2424.4	D	429335	7261159	0.0	3.7	1.8	7.4	17.6	37.4	---	---	12
T	2419.5	D	429332	7261284	2.2	5.1	2.2	5.9	21.4	38.8	1.6	16	0
U	2414.9	D	429325	7261413	2.8	5.5	1.9	3.5	10.2	31.1	2.2	44	0
V	2396.5	B	429298	7262055	0.3	1.5	0.4	2.6	7.3	22.9	---	---	0
W	2388.0	B	429298	7262375	1.4	3.7	0.8	1.3	5.6	11.7	1.9	26	0
X	2354.1	B	429421	7263778	6.0	6.2	5.0	10.8	27.1	21.0	4.9	25	12
Y	2350.6	L	429430	7263932	0.6	5.8	2.3	9.2	12.0	33.9	1.0	0	0
Z	2346.7	B	429437	7264106	2.9	1.4	0.6	0.4	0.8	1.3	---	---	12
AA	2342.8	D	429437	7264264	1.1	2.2	0.7	1.0	5.3	15.3	2.0	42	17
AB	2330.0	L?	429433	7264733	7.1	10.8	7.3	9.9	32.3	14.7	4.8	23	0
AC	2325.2	D	429444	7264903	5.4	4.7	9.4	42.7	97.9	146.3	---	---	0
AD	2320.1	B?	429462	7265082	7.2	27.5	10.6	42.2	97.6	177.6	2.6	0	0
AE	2314.6	B?	429484	7265266	0.6	3.0	0.5	3.3	5.4	11.9	---	---	0
AF	2305.7	B	429489	7265524	0.7	4.2	0.2	4.4	10.8	23.6	0.7	1	0
AG	2295.0	B	429463	7265839	1.8	4.8	1.5	4.7	13.5	24.7	1.9	12	0
AH	2276.0	B?	429419	7266376	0.9	1.6	2.7	3.2	8.1	15.7	---	---	12
AI	2268.6	D	429417	7266605	3.0	7.9	5.6	10.8	19.6	33.1	3.0	9	0
AJ	2265.6	B?	429420	7266710	2.7	6.1	4.9	10.4	18.0	32.2	3.0	20	12
AK	2259.8	D	429440	7266920	4.1	3.1	1.1	0.2	0.2	1.1	10.6	45	0
AL	2252.2	B	429472	7267199	1.8	0.7	1.3	6.2	9.5	38.9	---	---	0
AM	2248.6	B?	429487	7267333	1.3	6.3	0.7	15.5	36.5	84.9	0.7	0	193
AN	2241.3	B?	429511	7267581	2.7	10.0	1.1	7.9	17.3	40.2	1.3	0	0
AO	2229.7	B	429530	7267903	5.9	9.4	5.2	7.9	1.3	53.3	4.2	38	0
AP	2227.5	M	429531	7267974	0.8	2.4	4.4	6.3	8.6	16.1	---	---	0
AQ	2222.0	B?	429533	7268195	2.9	2.5	9.2	3.0	15.9	4.1	---	---	12
AR	2215.1	B?	429512	7268457	1.3	2.1	0.6	0.9	1.6	2.5	2.4	71	0
AS	2208.1	L	429479	7268709	6.9	21.0	4.9	44.8	80.2	188.4	2.0	0	0
AT	2204.9	L	429472	7268821	7.0	24.8	5.0	21.4	53.2	16.1	2.4	0	156
AU	2200.4	L	429470	7268984	2.1	25.2	1.8	41.5	71.9	232.3	0.7	0	0
AV	2191.0	L	429462	7269338	9.3	7.6	30.0	15.8	40.5	63.7	21.0	18	8
AW	2188.4	B?	429462	7269437	1.6	6.3	4.5	9.8	8.1	52.1	2.3	18	110
AX	2162.9	D	429515	7270425	5.5	2.1	13.9	9.6	15.3	63.5	---	---	0
AY	2160.0	B?	429526	7270525	3.3	7.4	10.4	9.6	5.8	63.5	---	---	270
AZ	2146.6	B	429579	7270965	1.8	3.0	0.2	0.6	0.2	4.8	2.0	71	0
BA	2129.0	S?	429563	7271449	3.1	7.0	1.8	9.1	14.8	53.4	---	---	0
BB	2054.8	B	429718	7274337	1.5	9.5	0.8	14.3	7.5	94.9	0.8	4	0
BC	2052.2	B	429727	7274432	1.0	6.5	1.3	8.5	4.6	57.8	---	---	12
BD	2044.6	D	429728	7274697	2.1	3.8	0.4	1.1	0.3	8.5	2.0	72	2
BE	2027.5	B?	429659	7275229	0.3	1.9	0.5	8.8	14.2	50.7	0.5	7	0
BF	2019.8	B	429635	7275476	0.9	4.0	0.1	6.8	6.5	42.3	0.6	16	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20180													
BG	2012.7	S	429637	7275716	0.3	6.8	0.8	7.9	11.3	57.3	---	---	12
BH	2002.0	B?	429641	7276057	0.8	5.4	0.7	8.4	11.3	52.5	---	---	0
BI	1989.9	S	429656	7276465	2.1	3.5	1.4	3.5	4.6	24.2	---	---	12
LINE 20190													
A	2912.6	B?	429459	7250900	0.4	0.8	0.1	1.2	6.0	14.6	---	---	0
B	2916.8	B?	429449	7251059	0.3	3.5	0.5	3.7	5.6	20.1	---	---	0
C	2921.6	B?	429445	7251249	0.3	4.8	0.9	5.4	20.3	23.8	---	---	0
D	3045.9	L	429574	7255793	13.9	12.6	12.4	15.4	43.5	38.2	10.2	7	0
E	3071.0	B	429605	7256846	8.6	2.3	11.4	6.7	17.8	14.7	35.2	20	0
F	3091.7	S	429605	7257691	0.6	2.3	0.4	4.8	13.3	38.5	---	---	0
G	3117.1	B	429668	7258615	2.6	2.3	0.3	3.1	8.1	14.6	3.1	47	0
H	3134.1	B?	429694	7259251	2.8	1.8	1.4	5.1	17.8	16.7	4.0	32	0
I	3155.5	B?	429663	7260061	0.1	3.4	0.6	4.4	11.5	27.4	---	---	11
J	3174.5	D	429637	7260736	2.0	0.5	1.0	5.7	10.9	27.3	---	---	0
K	3184.2	B?	429663	7261087	2.5	5.9	0.1	8.5	10.9	49.1	---	---	0
L	3198.1	B?	429714	7261541	1.7	6.8	0.7	9.2	13.7	50.6	1.1	0	0
M	3213.7	B	429773	7262179	3.5	17.2	5.4	27.9	67.7	119.1	1.7	0	0
N	3215.7	B	429776	7262259	4.5	17.3	6.1	30.2	82.9	119.1	---	---	11
O	3219.7	B?	429773	7262419	4.9	7.2	5.8	27.1	75.2	88.2	---	---	11
P	3242.0	B	429724	7263298	2.2	11.6	3.3	19.9	40.5	93.0	---	---	6
Q	3261.1	L	429769	7264034	5.8	4.1	5.0	8.5	16.0	42.3	7.7	27	0
R	3267.3	B	429793	7264260	3.7	4.3	9.6	3.6	3.5	21.8	12.3	29	11
S	3271.7	B?	429805	7264408	0.0	2.0	0.0	2.8	8.1	32.9	---	---	0
T	3278.6	L	429815	7264643	15.4	15.4	21.1	25.4	74.6	44.4	10.0	7	0
U	3281.3	B	429818	7264737	9.1	15.5	23.9	32.7	85.6	70.8	5.6	10	0
V	3288.9	B	429811	7265006	8.0	17.5	10.9	27.5	68.3	69.0	4.0	0	0
W	3312.3	B	429791	7265695	2.2	11.9	3.9	14.7	33.8	58.9	1.5	0	11
X	3332.2	D	429802	7266406	0.4	4.0	0.6	4.0	11.8	18.7	1.0	7	11
Y	3344.8	D	429756	7266924	8.9	14.3	5.2	17.0	43.5	57.7	3.1	27	0
Z	3350.5	B	429757	7267145	1.0	6.0	2.2	8.4	15.5	49.5	1.1	15	0
AA	3352.2	M	429758	7267211	1.0	6.0	2.2	3.4	12.2	40.3	---	---	133
AB	3354.1	B	429760	7267281	4.2	1.9	12.4	3.4	5.6	40.3	---	---	4
AC	3358.4	B	429765	7267437	4.8	1.5	11.3	2.2	3.5	3.7	---	---	332
AD	3363.7	B	429792	7267625	1.3	26.3	5.9	38.8	69.6	216.3	0.9	0	11
AE	3365.0	M	429801	7267669	6.3	26.3	0.5	38.8	69.6	216.3	---	---	13
AF	3376.7	B	429865	7268065	1.7	5.1	1.3	2.8	2.5	20.5	---	---	0
AG	3380.8	B?	429871	7268206	11.0	26.3	19.2	36.3	84.3	95.1	4.9	0	0
AH	3382.6	B	429872	7268270	17.7	35.3	22.2	50.6	132.2	156.9	5.3	1	11
AI	3387.8	B?	429870	7268447	4.3	6.3	15.1	30.7	65.2	105.6	3.5	32	0
AJ	3401.7	B	429852	7268858	1.3	5.2	2.2	3.8	2.3	33.3	---	---	0
AK	3410.4	B	429825	7269117	2.9	5.8	3.8	6.5	7.4	33.2	2.6	49	0
AL	3413.6	L?	429819	7269216	3.6	11.2	4.1	10.6	15.8	57.3	2.5	15	11
AM	3415.5	B	429816	7269276	2.5	9.5	4.0	12.0	16.0	62.5	2.0	13	0
AN	3467.6	B	429905	7270920	0.1	4.0	1.8	3.6	3.8	26.0	---	---	11
AO	3472.1	B?	429893	7271081	0.8	2.0	1.4	5.1	6.5	37.0	---	---	11

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM	YUTM	CX 1104 HZ Real	CX 1104 HZ Quad	CP 877 HZ Real	CP 877 HZ Quad	CP 7180 HZ Real	CP 7180 HZ Quad	Vertical Dike COND	Vertical Dike DEPTH*	Mag. Corr
			m	m	ppm	ppm	ppm	ppm	ppm	ppm	siemens	m	NT
LINE 20190													
AP	3483.7	B?	429891	7271490	2.2	4.2	0.0	4.4	4.3	28.5	1.8	18	0
AQ	3487.5	B	429892	7271647	2.7	3.8	0.9	5.3	9.6	39.9	---	---	0
AR	3516.2	B?	429932	7272725	1.2	3.3	0.5	6.0	8.9	39.8	---	---	0
AS	3520.4	S	429932	7272878	0.1	5.8	0.8	8.1	13.8	46.5	0.5	1	0
AT	3550.9	B	429997	7273874	1.6	1.8	0.6	1.5	0.1	11.1	---	---	0
AU	3564.0	S	430020	7274431	1.2	2.8	0.2	4.6	8.3	25.9	---	---	0
AV	3575.8	D	430042	7274884	0.5	2.0	0.2	1.7	2.3	10.8	---	---	0
AW	3609.1	B?	429998	7276429	0.7	6.5	0.9	9.0	23.9	50.0	---	---	0
AX	3708.1	H	430189	7280442	0.7	6.5	1.0	11.3	21.9	60.4	0.5	3	0
LINE 20200													
A	4723.5	B?	429880	7250078	1.0	7.3	1.5	12.9	16.1	74.3	0.7	1	11
B	4719.7	B?	429889	7250206	3.5	4.9	0.4	4.0	8.2	20.4	2.9	32	0
C	4714.5	B	429894	7250339	3.3	4.1	1.1	8.6	6.9	56.9	---	---	11
D	4694.3	B?	429879	7250991	0.4	4.8	0.6	8.3	9.2	51.1	0.5	0	0
E	4678.1	B?	429858	7251495	0.9	5.1	0.2	13.1	25.9	69.9	0.5	0	0
F	4662.4	S	429846	7252019	0.0	8.6	1.4	13.7	28.0	69.8	0.5	4	11
G	4634.3	B?	429893	7252889	5.8	19.5	5.3	30.3	85.9	112.0	2.2	2	0
H	4624.0	B?	429948	7253204	0.1	2.1	1.1	2.7	4.7	9.9	---	---	0
I	4609.8	B?	429964	7253523	1.0	3.0	0.5	3.7	1.1	29.5	---	---	0
J	4554.9	L	429926	7255300	13.6	12.6	7.8	7.9	26.6	20.8	10.7	17	11
K	4539.2	B?	429904	7255842	0.7	2.0	0.9	2.6	1.8	18.4	---	---	0
L	4527.6	S	429968	7256224	1.3	4.2	0.7	6.8	14.2	45.0	1.2	15	0
M	4508.3	S	430050	7256856	1.2	3.3	2.7	7.1	15.9	32.8	---	---	0
N	4505.0	B	430052	7256976	1.4	3.3	2.3	6.0	14.5	20.2	---	---	0
O	4470.6	B	430052	7257987	2.4	6.8	0.7	8.0	16.4	52.1	---	---	11
P	4465.0	S	430063	7258151	0.9	1.5	1.4	6.3	19.5	40.5	1.8	32	11
Q	4373.2	S	430096	7260919	1.9	3.7	1.1	4.1	10.5	20.2	---	---	11
R	4351.2	B?	430085	7261417	0.2	5.6	0.3	7.5	12.2	50.5	---	---	0
S	4342.3	B?	430117	7261668	3.4	2.9	1.2	6.8	11.4	33.9	3.1	43	0
T	4330.6	B?	430108	7262104	0.8	2.2	1.7	4.2	20.6	7.1	1.8	25	0
U	4324.6	B?	430105	7262369	2.3	2.1	1.5	0.3	8.3	0.3	---	---	0
V	4303.7	B	430153	7263275	0.6	6.1	4.2	9.3	21.2	36.3	---	---	0
W	4298.0	M	430178	7263498	6.1	5.4	1.6	6.6	9.5	26.5	---	---	24
X	4295.7	B	430185	7263589	6.1	5.4	3.4	6.3	7.9	26.5	---	---	11
Y	4294.3	M	430189	7263643	1.7	5.0	0.4	7.3	2.5	30.4	---	---	117
Z	4287.4	B	430210	7263925	5.9	8.1	4.1	11.1	22.9	57.2	3.3	30	0
AA	4274.8	B	430230	7264419	21.1	16.3	49.5	43.2	101.2	71.0	17.9	12	11
AB	4270.9	B	430230	7264570	26.9	20.4	31.4	31.9	81.6	50.3	16.6	14	4
AC	4269.5	B	430230	7264626	16.0	10.3	20.6	15.0	34.0	8.8	19.9	20	3
AD	4267.0	B	430227	7264724	7.1	12.8	9.0	10.6	31.7	50.9	4.4	30	11
AE	4264.2	B	430223	7264831	7.2	13.5	0.3	10.6	31.7	50.9	2.9	34	11
AF	4262.4	L	430219	7264901	3.2	7.6	5.3	4.2	8.4	18.2	3.2	43	0
AG	4257.9	D	430209	7265081	3.9	5.8	0.1	12.2	8.9	17.2	2.4	14	0
AH	4250.6	B	430196	7265372	16.6	12.2	23.4	21.5	50.4	5.9	15.6	5	0
AI	4248.4	B?	430195	7265457	12.1	8.8	18.9	13.7	32.7	51.4	16.7	8	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20200													
AJ	4229.8	L	430240	7266093	3.0	0.0	3.3	1.9	0.7	12.0	---	---	10
AK	4204.3	B	430248	7266865	0.3	5.4	0.2	7.2	14.8	44.3	0.5	4	0
AL	4200.3	B?	430261	7266996	0.9	3.0	0.0	2.1	6.5	17.1	1.0	25	7
AM	4186.5	B	430297	7267417	2.7	5.6	4.2	14.6	30.4	57.3	2.6	16	0
AN	4180.8	B	430325	7267607	2.6	14.7	4.8	19.6	48.4	73.9	1.6	0	0
AO	4176.4	B	430337	7267757	5.1	12.3	7.0	16.1	34.8	65.6	3.3	3	0
AP	4160.2	B	430307	7268220	7.3	2.8	19.8	5.4	9.7	18.4	---	---	0
AQ	4155.0	M	430295	7268342	0.1	2.5	0.3	33.4	78.6	80.8	---	---	0
AR	4150.5	B	430288	7268484	29.1	45.4	42.1	64.9	159.3	160.7	7.3	2	0
AS	4148.8	L?	430284	7268550	29.1	45.4	42.3	59.2	153.5	159.7	7.7	9	0
AT	4138.9	L	430271	7268972	0.2	1.2	2.1	6.4	12.0	21.3	1.3	23	0
AU	4130.0	L	430238	7269345	1.3	9.8	3.3	18.1	32.7	86.3	1.1	0	10
AV	4126.0	B	430209	7269509	3.5	13.4	1.0	17.3	29.2	94.5	1.3	4	0
AW	4093.6	B	430331	7270755	0.8	2.4	4.5	1.6	3.1	9.5	---	---	0
AX	4088.2	B	430344	7270932	0.1	5.7	3.8	7.2	9.8	50.3	---	---	0
AY	4079.6	B	430373	7271267	1.4	3.6	0.5	8.2	21.9	3.4	2.1	35	0
AZ	4074.6	D	430380	7271452	2.2	9.5	2.4	5.8	8.9	36.7	1.8	12	0
BA	4067.2	D	430397	7271699	0.7	2.0	0.4	1.5	0.7	9.3	---	---	11
BB	4048.5	B	430396	7272145	6.0	2.2	0.6	1.5	4.3	11.3	---	---	0
BC	4030.6	S	430482	7272827	0.3	4.5	0.5	6.2	12.3	40.5	---	---	0
BD	4026.9	B	430494	7272987	1.7	2.5	0.8	2.1	4.4	17.6	2.0	66	1
BE	3995.4	D	430445	7274132	0.6	1.6	0.2	0.8	1.0	6.3	---	---	11
BF	3985.4	B?	430443	7274525	1.9	4.7	0.6	6.3	8.1	45.6	---	---	0
BG	3982.7	B?	430446	7274632	0.9	5.1	0.3	5.7	4.7	39.0	0.6	10	4
BH	3942.5	B	430500	7275926	0.7	5.7	0.4	5.7	8.0	37.1	0.5	11	0
BI	3920.6	B	430499	7276604	0.4	2.8	0.4	3.9	5.0	21.3	0.6	13	0
BJ	3907.7	B	430518	7276997	1.0	3.5	0.1	3.4	0.4	25.3	---	---	0
BK	3808.0	H	430575	7280452	0.5	3.4	0.1	6.6	10.3	45.6	---	---	11
LINE 20210													
A	4823.9	S	430231	7250005	0.9	8.8	0.5	10.9	21.5	82.9	0.5	7	6
B	4833.9	B?	430312	7250410	0.2	2.1	1.6	2.8	3.9	2.8	1.3	25	0
C	4846.5	B?	430328	7250951	0.8	3.5	0.3	2.3	12.5	14.0	---	---	0
D	4911.4	B	430307	7253037	5.9	7.7	2.7	9.3	33.3	16.6	---	---	0
E	4933.4	B	430350	7253779	0.1	8.0	0.8	8.4	11.0	51.1	0.5	7	0
F	4946.3	B?	430403	7254273	0.8	4.6	0.3	4.2	5.3	31.9	0.7	6	0
G	4957.5	L	430410	7254735	11.9	6.2	12.6	8.8	18.0	42.4	21.7	22	124
H	5035.0	B	430493	7257573	5.5	0.0	13.1	5.2	13.7	14.5	82.8	25	7
I	5063.0	B?	430489	7258554	2.4	4.2	0.5	3.8	6.8	21.5	---	---	0
J	5068.8	B?	430505	7258770	0.5	5.5	0.3	6.2	7.5	46.7	0.5	6	0
K	5088.0	B	430465	7259340	6.6	4.7	13.2	7.2	15.2	21.0	17.4	22	0
L	5106.8	S	430463	7259875	0.6	3.4	0.9	7.7	12.7	46.7	---	---	0
M	5141.2	B?	430541	7260984	0.0	5.5	1.2	11.3	14.5	71.5	0.5	4	0
N	5148.8	B	430505	7261217	2.1	5.1	1.9	8.5	3.7	65.9	1.9	20	7
O	5158.7	B	430482	7261559	0.6	3.0	0.3	0.7	1.8	2.3	---	---	0
P	5175.7	B	430487	7262212	1.4	4.0	1.1	3.6	5.5	24.4	1.8	8	7

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20210													
Q	5182.5	B	430497	7262463	3.1	2.1	1.5	1.8	3.4	12.4	---	---	0
R	5206.6	B	430562	7263355	15.1	20.2	11.5	30.0	67.2	71.1	4.8	19	0
S	5215.0	B	430566	7263627	4.7	6.0	4.9	9.9	20.2	22.6	---	---	0
T	5217.8	D	430566	7263719	9.6	11.1	5.3	15.7	33.9	58.1	4.6	29	7
U	5222.9	D	430560	7263890	2.3	9.1	1.9	4.7	9.9	63.7	1.8	20	0
V	5225.4	D	430558	7263979	10.4	30.7	3.4	21.7	53.3	135.0	2.8	7	0
W	5228.0	L	430553	7264066	0.3	14.7	3.7	27.6	73.3	147.7	1.1	2	7
X	5234.0	L	430539	7264265	0.8	9.1	0.1	11.6	1.3	120.1	0.5	7	0
Y	5243.5	B	430511	7264559	9.8	1.9	14.6	5.4	15.2	69.2	---	---	0
Z	5248.6	B	430503	7264703	30.5	28.2	63.5	60.9	138.9	57.4	16.4	0	0
AA	5259.9	B	430571	7265037	3.0	4.3	0.7	3.1	7.2	13.2	2.6	52	0
AB	5263.4	B	430594	7265154	6.1	9.8	4.7	12.4	34.6	30.8	3.0	28	7
AC	5266.8	B	430611	7265276	3.4	7.5	8.6	16.6	48.3	30.8	3.7	12	0
AD	5270.1	B	430621	7265392	10.5	11.7	9.7	15.0	38.0	12.2	6.8	23	0
AE	5274.6	B	430618	7265551	3.3	5.0	10.7	12.2	17.1	13.0	5.3	25	3
AF	5299.2	B?	430625	7266354	0.6	2.5	1.2	6.5	10.3	36.4	1.0	15	0
AG	5306.0	B	430684	7266615	1.4	0.6	0.0	1.9	5.9	17.8	4.3	74	0
AH	5310.0	B	430723	7266783	0.8	3.4	1.4	3.4	7.1	16.6	1.4	20	0
AI	5315.4	B	430745	7267011	1.1	5.8	1.6	5.9	15.6	43.2	1.2	8	0
AJ	5324.3	M	430743	7267369	0.2	1.5	16.3	1.1	5.5	3.3	---	---	458
AK	5334.7	D	430737	7267731	5.8	8.7	3.7	7.1	22.5	40.4	3.6	29	100
AL	5344.3	B	430724	7268067	9.6	4.5	20.9	17.9	32.7	14.2	18.6	4	5
AM	5350.9	B	430709	7268308	3.2	3.7	0.5	1.9	0.6	20.6	---	---	0
AN	5359.1	B	430690	7268620	17.6	20.0	19.8	23.5	62.5	45.3	8.9	0	7
AO	5361.0	B	430688	7268694	17.6	24.5	23.3	37.7	103.6	88.5	6.5	2	0
AP	5371.3	D	430700	7269105	0.5	2.6	0.1	1.3	1.6	8.0	---	---	0
AQ	5375.7	B	430714	7269289	2.8	1.6	0.1	1.9	6.3	9.5	6.4	54	0
AR	5380.5	B?	430735	7269483	1.5	10.1	1.7	9.7	12.1	68.7	0.9	2	0
AS	5383.4	L	430742	7269607	0.8	13.7	3.6	24.7	35.0	142.8	0.8	0	0
AT	5386.4	B	430746	7269732	3.7	16.1	2.0	27.1	44.0	147.3	1.5	3	6
AU	5388.5	B	430748	7269816	3.7	16.1	2.0	27.3	44.0	148.6	---	---	0
AV	5411.7	B?	430722	7270719	0.2	3.6	0.4	3.8	4.3	25.7	---	---	137
AW	5431.6	B	430685	7271400	1.4	2.8	1.4	2.5	3.4	14.9	2.4	35	0
AX	5441.1	B	430678	7271719	2.0	1.9	0.6	3.2	0.1	20.4	---	---	0
AY	5467.8	D	430740	7272651	3.0	1.5	0.3	1.8	1.8	8.0	---	---	0
AZ	5480.7	S	430816	7273107	0.3	6.0	1.1	11.2	15.4	83.5	---	---	0
BA	5529.2	S	430838	7274817	1.9	3.1	0.4	3.2	5.4	24.5	---	---	0
BB	5560.5	B	430841	7276038	0.6	3.1	0.4	3.7	3.6	24.0	---	---	0
BC	5565.2	B?	430855	7276257	0.2	3.3	0.2	5.6	7.2	35.2	---	---	0
BD	5578.8	B?	430879	7276914	0.5	3.7	0.7	4.5	8.7	30.2	---	---	0
LINE 20225													
A	3797.9	B?	430733	7250415	2.7	9.4	2.2	20.2	37.4	113.2	1.4	4	8
B	3804.2	B?	430708	7250631	2.5	5.9	1.4	11.0	26.6	50.2	1.7	16	0
C	3827.3	B	430700	7251379	0.6	3.3	0.9	4.1	11.3	30.7	0.9	21	12
D	3843.2	B?	430709	7251888	2.9	4.0	0.5	7.2	24.7	54.8	2.4	28	12

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

JOB 659

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20225													
E	3888.0	D	430705	7252996	32.2	35.2	45.7	66.3	144.9	87.1	10.4	0	12
F	3930.8	L	430764	7254481	16.2	2.8	4.3	3.8	4.7	31.5	74.1	17	201
G	4023.1	B	430789	7257604	11.5	16.2	27.4	27.5	62.5	41.1	8.6	9	12
H	4074.0	B	430891	7259448	10.6	6.3	20.9	13.5	27.8	7.9	22.1	20	9
I	4090.4	B	430899	7259964	4.0	10.3	1.7	11.3	22.4	52.1	2.1	4	0
J	4093.3	S	430904	7260060	3.9	12.7	4.5	20.1	62.7	62.7	2.1	0	0
K	4117.4	D	430911	7260864	1.4	5.3	1.2	2.8	9.2	12.0	1.6	5	12
L	4133.2	B?	430908	7261415	2.0	2.2	0.4	1.3	9.9	1.2	---	---	12
M	4147.9	B?	430916	7261957	1.8	2.8	2.1	4.9	16.0	35.0	0.5	0	11
N	4159.2	B?	430926	7262375	0.9	1.9	0.7	0.1	1.5	0.2	2.4	84	10
O	4177.5	B?	430979	7263053	2.4	0.2	3.8	1.3	6.8	26.1	---	---	0
P	4180.9	D	430982	7263179	6.3	3.2	2.6	0.6	8.9	0.9	22.0	34	0
Q	4196.8	B	430966	7263720	22.4	17.4	31.8	36.3	80.6	31.6	13.9	6	12
R	4201.9	L	430963	7263898	9.7	9.5	31.6	38.0	84.5	56.8	9.5	17	10
S	4217.9	B?	430968	7264426	4.2	3.2	3.1	4.9	15.5	15.1	---	---	12
T	4237.6	B?	430976	7265010	1.2	8.7	2.0	13.3	16.2	80.9	1.1	8	212
U	4247.7	B?	431002	7265372	2.7	6.8	3.8	9.3	25.7	38.1	2.6	22	0
V	4283.6	D	430982	7266541	0.9	4.0	0.5	3.2	5.4	27.4	0.9	22	0
W	4287.1	B?	430989	7266700	1.3	6.5	0.9	5.5	7.0	37.0	1.0	15	12
X	4289.8	B?	431008	7266824	1.1	5.3	0.5	7.9	12.2	51.1	0.9	13	9
Y	4294.5	B	431049	7267041	1.8	8.9	1.4	13.1	23.9	78.7	1.0	10	0
Z	4298.4	B?	431071	7267216	1.3	0.2	28.4	13.1	21.0	79.2	---	---	0
AA	4302.8	B?	431075	7267407	0.4	1.0	0.5	0.6	0.6	2.4	---	---	0
AB	4306.5	B?	431072	7267565	16.9	4.8	51.6	11.2	33.3	55.5	---	---	1197
AC	4308.2	B	431070	7267636	17.9	7.9	49.8	12.5	50.5	67.2	---	---	0
AD	4309.8	D	431070	7267706	25.9	15.7	56.4	17.8	77.0	94.6	44.0	2	0
AE	4318.0	B	431101	7268035	3.4	1.2	6.9	2.3	5.6	2.6	---	---	0
AF	4331.5	B	431125	7268527	3.8	1.5	0.1	0.6	0.1	0.5	17.3	68	0
LINE 20226													
A	4429.6	M	431103	7268785	3.5	8.0	5.7	9.7	8.9	21.2	---	---	140
B	4433.4	B	431096	7268915	13.1	20.1	24.9	32.6	81.4	59.1	6.5	7	0
C	4449.9	B	431096	7269491	1.7	0.4	0.0	0.0	3.0	1.1	---	---	0
D	4463.5	B?	431140	7269971	2.0	5.8	2.0	6.9	17.1	30.8	---	---	0
E	4489.8	B?	431163	7270847	5.6	5.7	14.3	7.7	3.0	49.9	---	---	0
F	4495.0	B	431170	7271016	6.5	1.1	18.3	0.6	11.9	0.9	---	---	0
G	4509.3	B?	431153	7271481	1.2	2.2	0.1	2.7	0.4	16.4	---	---	190
H	4527.3	B?	431185	7272126	0.8	3.3	5.1	3.8	4.9	25.1	---	---	335
I	4546.9	B?	431211	7272889	2.7	4.1	1.3	3.4	4.9	18.5	2.6	52	0
J	4557.8	B?	431215	7273273	0.9	3.9	0.3	3.7	7.3	28.0	---	---	0
K	4565.2	B	431211	7273491	1.4	0.7	0.3	1.0	2.3	10.9	6.3	85	0
L	4569.8	B?	431200	7273626	0.2	1.9	0.4	2.8	3.8	14.1	---	---	0
M	4652.0	H	431308	7276728	0.0	1.1	0.3	1.3	5.8	14.4	---	---	0
N	4744.5	B?	431373	7280236	3.5	2.7	1.8	2.6	9.9	4.5	---	---	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20230													
A	6937.0	B?	431062	7250520	0.4	3.3	1.2	6.4	6.9	33.5	---	---	0
B	6994.0	B?	431116	7252548	2.8	6.4	1.9	13.3	42.7	65.7	1.8	3	0
C	6999.8	D	431119	7252756	2.0	5.2	2.9	13.6	34.0	19.1	1.8	11	0
D	7011.4	B	431153	7253196	7.1	5.7	8.6	12.1	19.6	16.8	8.1	25	0
E	7042.8	L	431084	7254472	16.2	5.3	5.9	9.1	15.2	56.8	26.3	17	209
F	7127.4	B?	431257	7257561	2.8	5.1	0.5	6.9	5.2	45.2	1.6	28	0
G	7141.5	B	431247	7258114	0.3	0.4	2.2	3.2	7.3	5.5	---	---	0
H	7179.0	B	431283	7259572	10.5	10.1	23.8	20.1	37.4	24.2	12.4	23	0
I	7206.2	S	431302	7260472	1.6	8.6	0.9	11.5	17.5	69.1	0.7	0	0
J	7216.6	D	431267	7260903	2.4	12.3	0.7	11.4	22.0	71.6	1.0	9	0
K	7224.9	B	431262	7261220	0.8	6.4	0.0	2.1	5.7	21.1	0.5	0	0
L	7229.6	B?	431263	7261414	0.7	6.6	0.0	8.9	17.5	53.1	---	---	9
M	7263.4	S	431352	7262836	0.9	7.3	2.2	12.2	21.8	63.3	---	---	0
N	7269.5	D	431384	7263079	4.5	2.3	2.0	0.6	9.3	20.3	---	---	0
O	7279.0	B	431420	7263448	12.2	2.7	13.8	4.8	10.1	7.9	71.4	17	0
P	7281.5	B	431424	7263545	15.8	9.7	29.4	17.6	39.1	7.4	24.5	9	9
Q	7284.2	B	431428	7263651	19.9	23.0	44.8	38.9	86.7	39.7	12.9	10	9
R	7288.4	B	431439	7263809	18.4	20.3	39.9	45.7	96.1	54.8	10.7	16	0
S	7290.6	B	431435	7263899	18.4	20.4	40.3	47.4	99.8	54.8	10.5	17	9
T	7312.1	B	431354	7264576	0.7	6.9	1.1	7.5	4.5	53.0	0.7	11	0
U	7331.8	B	431342	7265070	0.6	9.9	0.8	11.4	22.7	68.1	0.5	0	84
V	7344.5	B?	431399	7265437	3.2	2.6	0.1	1.2	3.2	6.3	---	---	0
W	7371.7	B	431485	7266424	1.0	6.4	4.2	6.9	5.7	43.3	1.7	20	61
X	7374.3	B?	431482	7266543	2.5	8.1	5.7	9.6	13.0	72.7	2.8	18	9
Y	7397.0	S?	431442	7267550	0.0	5.4	0.4	6.6	5.5	49.6	---	---	0
Z	7401.8	B	431446	7267737	6.6	6.2	7.9	6.1	12.9	50.1	10.3	11	0
AA	7411.0	B	431436	7268108	5.0	0.0	5.1	0.3	3.0	4.0	---	---	0
AB	7415.2	D	431430	7268266	6.6	5.6	0.5	6.1	15.5	26.9	5.1	31	121
AC	7436.5	B	431410	7269006	5.3	3.5	2.9	3.3	11.9	0.8	---	---	0
AD	7440.5	B	431423	7269143	4.1	3.8	7.0	10.2	27.0	20.8	5.7	24	0
AE	7444.0	D	431443	7269270	1.0	9.0	7.0	12.2	31.7	56.7	2.0	11	0
AF	7464.8	B	431523	7270083	2.8	7.9	5.7	17.1	33.7	57.1	2.5	5	0
AG	7488.5	D	431545	7270900	0.4	4.7	0.1	3.5	1.0	21.9	0.7	4	60
AH	7507.8	S?	431575	7271587	2.2	3.2	0.1	2.8	1.0	19.1	---	---	0
AI	7521.1	B	431588	7272146	2.0	1.4	1.0	0.0	1.2	0.1	---	---	9
AJ	7529.6	B?	431589	7272460	0.7	3.3	0.6	2.4	3.8	16.9	1.0	18	0
AK	7548.8	B?	431639	7273141	0.3	11.9	0.7	18.8	19.3	128.6	0.5	7	0
AL	7560.1	B?	431638	7273560	0.1	9.0	0.9	14.2	22.6	88.6	---	---	0
AM	7572.5	B?	431644	7274023	0.9	2.4	0.5	3.2	2.1	23.1	---	---	9
AN	7595.0	B	431649	7274779	0.0	2.5	0.4	1.5	0.5	9.9	---	---	9
AO	7616.9	D	431666	7275725	0.6	1.2	0.4	0.8	1.6	6.2	---	---	0
AP	7651.2	B	431597	7277216	2.5	2.0	0.2	1.7	1.5	11.4	4.6	50	0
AQ	7656.1	D	431623	7277450	0.1	2.3	0.2	3.1	5.3	20.4	---	---	0
AR	7710.8	B?	431748	7279939	0.2	28.5	4.2	59.3	100.3	381.0	0.7	1	4
AS	7721.3	S	431752	7280401	2.6	6.5	3.2	8.7	18.0	39.7	2.5	19	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20240													
A	8664.3	S	431518	7250345	4.5	10.6	3.4	14.8	37.9	78.3	2.5	13	10
B	8656.5	B?	431493	7250668	1.7	3.3	1.9	3.8	12.5	8.7	2.0	70	0
C	8645.5	B	431443	7251153	0.9	4.1	2.3	5.1	38.0	22.5	1.6	34	0
D	8641.0	B?	431413	7251364	1.7	6.8	1.3	8.2	28.3	26.2	1.3	12	0
E	8607.1	B	431481	7252775	30.9	40.8	56.3	76.0	187.5	117.2	9.6	5	0
F	8603.9	B	431503	7252890	17.1	32.1	23.1	58.0	181.7	117.2	5.6	5	0
G	8600.6	B	431522	7252996	5.3	12.7	4.8	16.7	61.5	51.0	---	---	7
H	8596.4	B	431539	7253124	0.7	13.7	0.1	15.7	15.3	122.9	0.5	6	0
I	8582.5	B	431565	7253509	3.7	8.7	1.2	9.3	20.9	50.4	---	---	0
J	8556.1	L	431551	7254417	13.7	7.0	4.8	9.9	19.5	52.6	15.0	15	172
K	8530.7	B?	431557	7255449	1.4	6.9	1.9	8.3	15.8	40.8	---	---	10
L	8492.8	B?	431658	7256869	0.6	2.5	0.4	2.4	6.1	19.7	---	---	10
M	8475.2	B?	431684	7257243	1.0	2.4	0.9	2.4	0.6	19.8	---	---	0
N	8447.0	S	431697	7257998	0.4	5.0	0.3	5.9	9.5	52.9	---	---	0
O	8436.0	B	431699	7258323	1.1	0.3	4.2	0.1	13.4	1.4	---	---	0
P	8404.6	B	431680	7259633	5.0	9.5	5.4	16.4	35.0	101.6	3.3	15	0
Q	8395.5	B?	431682	7259959	0.6	5.2	0.8	6.5	7.8	40.8	0.6	4	0
R	8354.1	B	431761	7260883	4.5	10.1	2.9	27.8	68.5	147.0	1.9	4	0
S	8351.2	B	431771	7260952	3.8	20.4	2.7	27.5	69.2	148.2	1.3	0	10
T	8349.4	B	431778	7261010	5.5	15.1	2.7	14.6	31.3	78.6	2.4	5	0
U	8344.1	B	431791	7261207	2.5	3.7	1.8	4.0	9.5	14.3	---	---	0
V	8338.5	B?	431791	7261451	3.2	1.1	2.0	0.0	0.8	1.7	---	---	0
W	8328.1	B?	431775	7261916	0.4	3.9	0.3	4.0	5.8	22.8	---	---	10
X	8301.0	D	431789	7263238	9.6	4.5	14.2	7.3	16.8	18.2	27.3	18	0
Y	8297.6	B	431801	7263405	9.6	1.9	14.2	7.0	14.2	4.4	50.4	17	9
Z	8292.7	L	431814	7263634	2.7	6.4	4.6	8.4	20.4	62.0	3.1	19	15
AA	8288.9	L	431826	7263806	0.4	6.0	2.4	6.2	6.9	69.9	1.0	11	10
AB	8282.8	B	431847	7264085	8.7	12.3	6.5	20.1	48.1	40.1	3.4	26	10
AC	8281.0	D	431852	7264171	6.1	10.7	3.0	10.0	22.3	33.8	3.7	14	10
AD	8259.6	B	431868	7265067	0.8	12.7	0.9	11.9	23.6	70.7	0.6	0	20
AE	8246.4	M	431833	7265545	1.1	3.9	5.7	11.1	21.1	61.9	---	---	0
AF	8239.9	S	431807	7265793	6.2	5.0	13.8	12.0	28.6	97.2	---	---	10
AG	8235.7	M	431798	7265936	0.2	8.3	1.5	14.7	4.9	96.5	---	---	120
AH	8227.5	M	431783	7266231	2.6	8.8	2.6	15.1	20.0	99.3	---	---	0
AI	8224.2	S	431786	7266344	0.7	8.8	2.5	15.1	20.4	99.3	0.8	4	0
AJ	8222.3	B	431786	7266412	4.8	7.9	3.7	10.6	17.3	72.1	---	---	34
AK	8218.3	B	431785	7266563	2.5	5.6	6.0	4.8	5.8	33.9	4.4	43	0
AL	8204.4	S	431826	7267056	1.1	13.4	3.5	21.3	40.4	101.0	0.8	1	0
AM	8195.2	D	431873	7267336	0.6	5.1	1.7	4.1	7.1	21.0	1.0	7	0
AN	8188.3	B?	431906	7267529	2.2	0.3	0.6	2.6	8.4	10.4	---	---	0
AO	8180.9	B	431942	7267761	1.6	6.3	2.7	1.8	3.7	19.4	2.2	18	0
AP	8172.4	B	431965	7268065	4.2	4.2	5.3	7.4	11.2	22.0	---	---	0
AQ	8161.1	B	431971	7268475	1.4	2.8	0.6	1.6	1.8	16.2	2.0	37	0
AR	8153.9	S	431959	7268745	4.4	1.9	17.5	1.9	14.1	13.7	---	---	0
AS	8149.5	M	431950	7268909	0.7	1.3	0.0	3.3	0.0	15.2	---	---	764

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20240													
AT	8137.6	D	431926	7269311	7.0	9.5	11.6	13.4	34.0	22.2	6.8	4	2
AU	8134.2	B	431921	7269453	6.8	6.1	11.0	11.3	34.0	24.9	9.3	14	12
AV	8121.4	B	431911	7270029	2.9	5.5	4.5	10.2	21.1	31.4	---	---	0
AW	8113.9	B	431917	7270374	1.7	2.3	1.8	1.3	3.9	3.1	4.8	51	0
AX	8103.0	S?	431964	7270855	1.4	5.4	6.2	7.1	6.6	45.6	---	---	10
AY	8097.8	B	431990	7271067	0.0	6.8	0.7	5.2	4.0	35.6	0.6	0	0
AZ	8070.1	D	432044	7272125	0.4	2.7	0.7	1.7	2.0	12.1	---	---	0
BA	8056.4	B	432069	7272674	0.2	3.8	0.3	3.6	1.7	28.7	---	---	0
BB	8042.5	D	432063	7273204	1.4	1.4	0.1	1.3	2.0	11.6	2.7	83	0
BC	8035.4	B	432044	7273465	0.0	5.6	0.1	6.0	7.3	43.7	---	---	0
BD	8034.1	S	432040	7273512	1.4	5.6	0.4	6.0	7.3	43.7	---	---	0
BE	8018.6	B?	432000	7274024	1.1	3.4	0.3	3.3	3.4	21.8	---	---	0
BF	7989.2	S?	432043	7274850	0.1	4.0	0.1	3.1	0.7	27.3	---	---	0
BG	7981.3	D	432058	7275078	0.7	1.9	0.6	0.5	2.9	4.3	1.9	55	10
BH	7955.8	B	432095	7275855	0.1	2.6	0.1	2.1	0.3	15.2	0.5	5	0
BI	7947.3	B	432095	7276128	0.8	1.6	0.4	0.7	0.9	7.5	1.5	92	0
BJ	7941.0	B	432087	7276316	0.3	2.5	0.2	0.9	0.3	9.8	---	---	0
BK	7914.0	S?	432081	7277183	0.2	2.9	0.0	3.6	2.3	29.2	---	---	10
BL	7908.1	B	432090	7277383	0.9	2.6	1.9	2.6	5.7	10.7	2.3	46	0
BM	7900.9	B	432098	7277633	1.5	3.0	1.3	2.1	3.7	15.8	1.8	69	10
LINE 20250													
A	6925.2	S	431905	7250387	0.9	13.2	1.1	20.9	36.6	111.7	0.6	4	0
B	6928.1	S	431907	7250495	1.5	15.1	0.8	20.3	43.6	109.6	0.6	3	0
C	6932.6	B	431909	7250665	1.3	6.1	1.5	18.1	43.0	92.0	0.8	9	0
D	6948.6	B?	431904	7251223	0.6	3.1	0.4	1.1	2.9	10.9	0.9	17	0
E	6999.4	B	431945	7252988	1.2	1.7	1.7	3.2	2.3	13.1	2.4	69	2
F	7017.3	B	431926	7253184	0.6	2.8	0.5	4.4	3.1	30.3	---	---	2
G	7026.6	S?	431936	7253291	3.3	6.2	4.1	2.2	18.3	27.2	4.0	49	2
H	7036.5	B	431929	7253407	2.8	6.4	4.2	10.6	13.5	101.0	2.8	29	2
I	7046.8	B?	431902	7253597	1.6	4.4	0.6	1.7	8.0	11.3	1.7	39	0
J	7070.8	L	431906	7254360	19.6	3.8	5.2	2.7	2.5	18.6	93.4	19	281
LINE 20251													
A	9049.0	B?	432035	7256869	1.5	19.0	2.7	28.6	96.4	156.4	0.7	0	0
B	9066.0	B?	432096	7257593	4.8	10.2	2.8	12.4	18.6	77.9	---	---	0
C	9081.7	S?	432076	7258258	2.0	4.4	3.5	3.1	1.1	40.2	---	---	0
D	9091.8	B	432074	7258668	6.6	8.7	11.2	16.6	37.4	41.5	5.4	30	0
E	9141.3	B?	432101	7260466	3.5	5.4	0.6	7.7	24.7	34.2	2.4	7	0
F	9146.5	B?	432106	7260688	0.8	12.4	1.6	18.8	46.2	102.8	0.6	0	0
G	9152.1	B	432116	7260947	5.6	8.2	1.2	6.1	14.3	39.3	2.9	31	0
H	9167.8	B	432163	7261689	3.0	4.4	0.9	6.6	15.9	27.3	2.6	14	24
I	9182.9	B?	432148	7262324	0.3	4.7	0.1	7.5	9.5	46.5	---	---	0
J	9195.2	B	432149	7262798	4.1	10.0	2.8	13.6	32.0	72.5	2.4	14	0
K	9204.4	B	432151	7263125	10.9	3.3	10.1	4.6	11.1	50.2	46.3	8	0
L	9210.6	B	432154	7263337	8.4	1.6	19.4	2.3	2.9	14.5	---	---	25

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20251													
M	9215.8	L	432166	7263511	5.6	6.6	11.2	8.2	12.4	52.2	9.1	28	0
N	9223.7	B	432190	7263735	1.6	7.6	0.8	15.0	14.1	91.3	0.8	13	24
O	9226.0	B	432198	7263796	1.6	7.6	0.8	15.0	14.1	91.3	---	---	22
P	9235.4	S	432233	7264096	0.8	28.6	0.1	38.2	36.7	247.8	0.5	11	26
Q	9246.7	D	432300	7264482	1.5	3.4	1.2	3.7	4.8	17.4	2.1	25	0
R	9249.5	B?	432310	7264566	3.3	4.4	0.8	4.2	8.2	23.4	---	---	26
S	9264.2	B	432221	7265031	3.3	8.1	6.8	8.2	28.1	48.8	2.8	43	0
T	9267.3	B	432195	7265130	3.2	3.0	3.7	8.2	28.1	48.8	---	---	0
U	9270.0	M	432180	7265218	3.0	3.0	3.7	3.5	15.7	18.6	---	---	0
V	9287.0	M	432163	7265767	0.5	2.4	2.3	2.9	6.3	17.8	---	---	0
W	9300.0	B	432178	7266198	0.1	6.6	3.1	7.1	7.3	44.4	---	---	0
X	9304.3	B?	432211	7266353	1.8	5.0	3.8	6.9	11.6	37.8	---	---	26
Y	9308.1	B	432241	7266494	2.8	5.7	3.2	5.9	11.4	40.8	---	---	0
Z	9321.7	B	432326	7267034	6.7	8.2	9.2	10.0	7.1	63.9	6.8	26	0
AA	9323.0	S?	432329	7267089	5.3	8.3	0.5	11.9	1.9	70.4	---	---	593
AB	9326.2	M	432337	7267235	1.8	6.0	11.4	9.8	9.2	55.5	---	---	41
AC	9330.3	S?	432343	7267419	5.0	5.8	18.9	8.3	9.5	74.5	---	---	218
AD	9334.0	M	432342	7267585	12.6	4.9	31.1	8.1	29.1	74.1	---	---	94
AE	9340.1	D	432320	7267862	12.3	12.7	32.0	11.2	43.2	60.8	21.8	21	0
AF	9340.8	M	432315	7267897	12.3	12.8	32.0	13.5	43.2	75.5	---	---	259
AG	9345.7	M	432277	7268119	10.1	0.9	31.1	3.4	17.3	16.7	---	---	294
AH	9347.7	B?	432259	7268211	10.9	0.7	31.2	3.4	19.6	16.7	---	---	0
AI	9359.1	D	432199	7268706	27.2	8.5	59.8	6.4	52.2	46.8	---	---	16
AJ	9364.7	S?	432213	7268913	0.8	3.4	8.3	4.5	15.0	48.0	6.7	52	0
AK	9365.8	M	432217	7268953	0.4	3.4	0.9	4.5	1.5	48.0	---	---	1124
AL	9371.1	B	432237	7269150	37.9	1.1	77.8	0.6	69.7	10.2	999.0	0	26
AM	9387.5	B	432328	7269798	6.7	2.2	10.6	9.4	18.4	9.1	19.4	30	24
AN	9397.4	B	432372	7270176	4.4	6.2	1.9	8.4	9.1	54.6	2.6	47	0
AO	9403.0	B?	432382	7270384	2.4	3.9	5.9	5.9	15.0	19.3	4.6	51	0
AP	9410.6	B	432388	7270645	3.3	10.5	5.7	15.5	26.3	75.0	2.5	15	0
AQ	9418.9	B	432371	7270930	0.3	7.0	0.6	8.7	6.6	58.3	0.5	11	0
AR	9430.0	B?	432328	7271266	2.2	2.9	2.6	3.0	2.3	19.1	---	---	0
AS	9444.6	B?	432298	7271819	1.4	6.6	0.7	9.3	8.1	60.3	0.9	4	0
AT	9457.1	B?	432314	7272259	1.0	2.3	0.5	3.5	1.6	25.7	---	---	0
AU	9473.0	B?	432367	7272825	0.9	2.3	1.1	3.4	1.1	24.2	---	---	0
AV	9494.2	S	432452	7273718	0.2	4.1	0.6	5.5	9.5	34.5	---	---	0
AW	9502.8	B	432457	7274053	1.1	5.1	0.6	6.2	8.6	39.2	0.9	6	0
AX	9529.1	B?	432465	7275000	1.5	2.7	0.8	2.8	1.7	21.5	---	---	0
AY	9533.9	D	432463	7275211	0.4	4.9	0.6	3.9	0.4	27.3	0.5	9	0
AZ	9539.7	B?	432460	7275494	2.0	2.6	1.0	1.2	3.7	10.3	---	---	0
BA	9583.6	B?	432527	7277605	1.1	3.1	0.9	5.4	11.7	27.7	---	---	22
BB	9629.3	D	432575	7279674	0.6	3.6	0.2	3.5	2.1	24.0	0.7	20	0
LINE 20260													
A	1241.2	B?	432224	7251215	1.4	2.2	0.2	3.2	5.8	15.3	---	---	0
B	1206.5	S	432277	7252314	1.2	9.8	4.7	18.2	28.5	119.8	1.3	9	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20260													
C	1193.0	D	432297	7252788	4.5	8.4	3.5	12.3	30.5	42.0	3.1	8	0
D	1178.0	B	432345	7253319	4.0	0.2	1.6	1.3	0.6	0.1	---	---	0
E	1160.1	B?	432343	7253770	4.9	9.4	3.5	14.2	34.8	45.9	---	---	0
F	1144.5	L	432373	7254283	14.4	18.6	3.9	9.4	16.4	62.2	5.8	20	22
G	957.1	B?	432500	7260839	1.3	1.7	0.8	0.2	0.2	7.1	4.3	66	0
H	952.3	B?	432512	7261013	1.2	0.9	0.4	2.8	4.8	16.2	---	---	22
I	938.3	S	432512	7261573	1.7	8.4	1.2	15.4	52.6	76.1	0.9	0	22
J	922.3	S	432528	7262247	1.0	3.7	0.2	8.2	17.5	35.4	0.6	6	22
K	911.6	B	432575	7262724	3.0	10.5	8.4	15.3	30.9	86.3	---	---	22
L	907.7	B	432593	7262896	8.5	9.8	10.3	13.6	28.2	34.2	6.8	25	16
M	884.8	B	432597	7263935	2.0	1.3	2.8	5.2	13.2	36.4	---	---	0
N	882.0	B	432585	7264034	0.5	5.4	0.2	11.1	22.4	59.3	---	---	0
O	878.9	S	432569	7264155	0.9	5.5	0.7	11.1	22.4	57.7	0.6	0	0
P	870.5	B	432543	7264494	2.3	2.0	0.6	0.7	2.5	3.6	6.5	62	22
Q	855.4	M	432575	7265134	0.8	4.2	0.1	5.6	6.2	35.6	---	---	314
R	837.5	M	432562	7265862	4.8	3.4	11.3	3.0	11.7	15.7	---	---	73
S	833.0	M	432585	7266033	1.6	1.2	7.9	3.3	5.2	13.5	---	---	879
T	830.1	M	432600	7266140	0.0	2.0	0.3	3.5	0.8	14.6	---	---	639
U	818.5	M	432666	7266555	9.2	1.5	23.7	1.9	23.6	11.3	---	---	74
V	812.0	M	432696	7266776	0.7	0.1	2.1	8.8	1.5	49.9	---	---	1077
W	807.7	M	432703	7266926	5.1	9.9	15.5	14.4	16.1	93.2	---	---	0
X	806.9	B	432704	7266954	5.0	9.9	15.5	14.4	16.1	93.2	---	---	0
Y	806.0	M	432705	7266987	6.0	9.9	27.9	13.6	24.7	88.9	---	---	22
Z	803.5	M	432709	7267076	0.3	7.4	16.6	6.6	12.0	41.9	---	---	198
AA	801.0	M	432713	7267166	7.4	0.4	19.3	14.4	11.0	102.2	---	---	0
AB	796.5	S?	432719	7267320	5.5	10.0	15.4	15.3	25.1	107.6	---	---	467
AC	796.0	M	432719	7267337	5.6	10.1	15.4	15.5	18.1	108.4	---	---	456
AD	793.0	S?	432715	7267437	8.4	13.1	29.5	15.0	18.1	98.5	---	---	0
AE	777.8	B	432690	7267898	3.9	8.8	6.0	4.7	8.9	37.9	3.5	42	22
AF	773.8	S?	432691	7268038	0.1	3.4	3.3	4.3	3.5	23.0	---	---	569
AG	755.5	S?	432728	7268647	4.3	5.2	10.3	5.7	15.2	21.8	---	---	22
AH	748.4	B	432746	7268879	1.2	3.4	1.3	1.5	7.7	11.9	2.0	34	22
AI	744.3	B?	432749	7269014	1.4	3.1	1.9	32.3	78.6	38.3	0.8	0	104
AJ	740.1	B	432747	7269160	24.9	23.2	31.0	40.7	102.2	74.5	11.7	0	0
AK	737.9	B	432745	7269242	12.3	23.0	27.9	39.2	100.0	74.5	5.6	7	0
AL	735.4	B?	432744	7269343	9.0	16.7	15.2	24.2	73.0	64.5	4.4	18	0
AM	730.0	B?	432742	7269571	9.8	12.7	18.6	28.0	65.2	28.1	6.2	26	8
AN	723.9	D	432748	7269827	2.2	8.0	0.2	1.6	6.7	13.1	1.6	17	0
AO	715.8	B	432752	7270166	2.6	8.3	2.8	13.7	21.5	61.1	1.9	12	0
AP	713.0	B	432753	7270285	2.9	12.3	0.9	13.8	31.2	85.5	1.2	4	0
AQ	709.0	L	432755	7270453	2.0	11.0	5.0	15.8	20.7	91.8	---	---	0
AR	698.3	B?	432758	7270859	3.0	7.9	3.9	14.0	25.1	72.2	2.3	7	0
AS	686.3	S?	432765	7271282	1.5	4.7	1.1	6.7	1.1	43.2	2.6	30	482
AT	611.3	B	432808	7273967	1.3	4.3	1.6	12.7	18.8	30.2	1.2	7	0
AU	607.4	B	432808	7274125	1.3	9.6	1.3	13.1	18.5	84.4	0.8	0	0
AV	581.7	B?	432857	7275112	0.4	4.5	0.1	4.5	0.7	37.3	---	---	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20260													
AW	574.5	B	432870	7275349	0.7	2 0	0.5	0.5	0.5	4.7	---	---	0
AX	564.6	B?	432880	7275688	0.9	1.9	0.3	1.3	4.0	12.8	---	---	20
AY	518.4	B?	432870	7277181	0.9	2.8	0.5	2.9	2.8	16.1	1.1	22	0
AZ	505.5	B?	432874	7277576	0.9	3.0	0.0	5.1	11.4	27.7	---	---	0
BA	502.3	S	432881	7277680	1.3	3.8	0.4	5.1	11.4	27.7	---	---	0
LINE 20270													
A	1411.4	D	432667	7249762	1.5	3.5	0.6	2.2	3.3	16.4	1.9	33	18
B	1453.2	D	432676	7251361	1.0	3.6	1.7	9.0	17.9	35.9	1.2	19	0
C	1460.3	B?	432666	7251600	0.2	0.3	0.4	0.2	4.0	3.7	---	---	0
D	1472.3	B?	432677	7251994	1.3	2.3	0.5	2.4	3.3	16.1	1.9	38	0
E	1496.4	B	432756	7252954	1.8	7.3	5.0	10.3	14.4	58.5	2.3	24	0
F	1512.0	B	432762	7253531	16.4	37.7	30.8	68.1	170.2	86.9	5.3	0	1
G	1517.4	L	432762	7253727	23.9	23.3	11.6	70.1	198.9	143.4	4.5	8	18
H	1526.0	B	432764	7254059	4.3	8.1	15.0	11.3	22.9	75.2	---	---	0
I	1538.0	B?	432780	7254591	0.1	2.9	1.1	3.1	11.5	16.1	---	---	18
J	1684.8	B?	432858	7260263	1.7	9.4	1.9	10.9	28.2	52.1	1.1	7	18
K	1688.6	B?	432858	7260410	2.7	9.0	2.8	14.4	41.5	64.5	1.7	8	18
L	1709.5	B?	432907	7261258	0.8	6.2	0.2	5.5	5.6	44.3	0.5	1	18
M	1723.8	B?	432911	7261878	0.2	0.1	0.1	5.4	17.4	27.4	---	---	18
N	1731.5	D	432938	7262199	4.0	8.2	1.7	8.1	19.8	31.3	2.6	10	18
O	1745.8	B	432980	7262763	3.4	1.4	1.5	3.1	8.5	1.1	---	---	0
P	1768.0	B	432992	7263569	1.1	4.7	0.3	4.8	9.9	27.4	0.9	11	0
Q	1775 5	S	432991	7263796	1.9	7.0	1.7	11.2	25.0	65.0	1.4	6	0
R	1782.1	D	432997	7263988	8.4	5.6	2.7	6.2	30.3	21.7	8.9	29	0
S	1788.0	B?	433005	7264160	1.1	4.3	2.2	4.3	9.1	32.7	---	---	0
T	1795.0	M	433008	7264392	7.6	0.4	18.2	0.5	17.5	2.0	---	---	526
U	1802.8	B?	433005	7264675	3.5	9.3	9.8	12.0	27.7	65.6	3.2	38	0
V	1815.3	M	433021	7265178	0.9	4.3	1.0	6.3	1.3	44.5	---	---	215
W	1817.5	B	433024	7265267	2.8	5.7	5.6	7.0	3.0	52.0	3.3	47	0
X	1821.0	B	433027	7265401	6.7	4.3	10.4	4.9	6.2	36.3	19.7	35	0
Y	1824.3	B?	433029	7265520	1.3	2.6	5.0	2.6	6.0	15.3	---	---	0
Z	1827.8	M	433031	7265641	0.7	7.2	3.8	10.7	6.0	65.1	---	---	608
AA	1839.7	M	433050	7266069	0.2	10.3	0.2	14.8	25.2	77.9	---	---	285
AB	1840.2	B?	433051	7266086	1.4	11.5	1.6	14.9	26.7	78.1	---	---	285
AC	1845.7	B?	433067	7266302	4.7	5.2	11.2	17.0	54.0	65.4	5.4	30	0
AD	1848 2	M	433076	7266409	5.7	7.1	11.2	17.0	54.0	66.3	---	---	0
AE	1851.7	B	433085	7266554	3.6	0.5	6.3	13:4	44.7	60.9	---	---	0
AF	1854.5	M	433090	7266670	0.5	0.6	0.4	0.2	0.2	0.2	---	---	940
AG	1856.0	M	433090	7266731	2.0	1.7	4.0	2.3	5.1	16.4	---	---	0
AH	1857.9	B?	433087	7266808	5.2	7.1	17.2	7.4	23.3	55.0	---	---	0
AI	1859.6	M	433083	7266878	4.0	7.4	16.5	9.3	28.5	64.1	---	---	0
AJ	1862.5	B	433074	7266998	6.3	12.2	21.6	11.9	31.7	84.1	---	---	0
AK	1864.0	M	433069	7267057	6.3	12.2	21.6	11.1	22.6	80.4	---	---	118
AL	1865.0	B	433066	7267097	0.2	4.1	4.0	11.1	3.3	80.4	---	---	132
AM	1866.3	M	433062	7267150	2.1	4.5	4.0	11.1	0.6	80.4	---	---	352

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

					CX 1104 HZ		CP 877 HZ		CP 7180 HZ		Vertical Dike		Mag. Corr
Label	Fid	Interp	XUTM m	YUTM m	Real ppm	Quad ppm	Real ppm	Quad ppm	Real ppm	Quad ppm	COND siemens	DEPTH* m	NT
LINE 20270													
AN	1869.1	B?	433054	7267265	8.0	11.5	19.6	15.1	31.2	97.4	---	---	250
AO	1872.6	B	433047	7267406	9.0	9.8	20.7	17.9	40.2	101.4	---	---	0
AP	1875.0	B	433045	7267504	6.3	9.8	11.0	17.8	40.1	98.0	3.7	31	0
AQ	1884.3	B	433054	7267882	0.4	5.9	0.7	3.7	3.9	30.4	0.6	3	10
AR	1894.7	B	433079	7268297	0.6	1.8	7.5	2.2	1.8	15.0	---	---	20
AS	1910.0	B	433120	7268904	2.1	3.7	2.6	4.7	8.2	21.9	---	---	0
AT	1913.2	B	433114	7269025	2.7	4.6	2.4	6.1	7.6	32.5	---	---	18
AU	1917.3	S?	433120	7269178	1.0	2.7	1.2	4.2	0.4	13.8	---	---	60
AV	1925.0	B	433110	7269479	15.8	11.6	29.5	17.1	59.1	22.9	21.1	0	18
AW	1927.4	B	433107	7269582	21.3	24.1	32.1	31.0	76.2	59.7	11.5	4	0
AX	1929.3	B	433104	7269664	18.8	21.2	28.2	38.5	89.1	78.6	9.0	11	0
AY	1933.2	B?	433098	7269827	2.2	8.2	25.4	38.2	88.0	73.0	---	---	0
AZ	1936.4	B	433091	7269947	1.7	0.6	0.6	0.1	0.2	73.0	---	---	0
BA	1939.5	B	433086	7270068	5.9	4.7	7.2	8.2	17.8	1.7	9.0	34	18
BB	1941.9	B	433082	7270155	7.4	5.3	10.0	7.6	14.5	10.1	13.3	28	18
BC	1945.2	B	433077	7270275	10.6	16.8	5.3	26.5	53.9	98.0	4.0	7	18
BD	1950.4	B	433063	7270467	2.8	5.5	5.3	19.1	42.5	86.5	2.6	13	0
BE	1957.1	B	433052	7270716	2.2	2.5	3.8	4.5	8.1	30.0	4.9	55	0
BF	1963.0	B	433080	7270933	4.1	5.2	6.2	7.1	9.5	18.5	---	---	0
BG	1976.8	B?	433124	7271455	0.9	5.3	1.3	7.6	18.3	44.7	0.9	10	0
BH	1989.8	D	433138	7271933	0.8	2.2	0.4	2.4	1.1	15.3	---	---	18
BI	1993.5	S	433149	7272060	1.7	5.0	0.3	5.3	4.8	36.9	1.3	20	0
BJ	2001.5	D	433167	7272313	0.6	1.7	0.8	2.2	1.9	14.6	1.5	45	0
BK	2015.6	B	433201	7272810	3.1	4.9	2.7	7.0	13.4	25.1	---	---	0
BL	2021.5	B?	433213	7273038	0.9	4.5	1.6	6.8	13.7	28.1	---	---	0
BM	2064.2	B	433226	7274514	0.1	2.0	0.3	2.4	1.7	16.6	---	---	17
BN	2067.2	B	433223	7274615	0.8	3.0	0.3	3.0	0.4	20.3	---	---	18
BO	2088.4	B?	433194	7275254	0.4	5.2	0.1	6.0	0.8	43.0	---	---	0
BP	2094.0	B?	433203	7275482	0.6	1.7	0.3	0.5	0.6	3.8	---	---	0
BQ	2105.2	B?	433220	7275940	0.5	5.7	0.6	6.4	9.0	40.8	0.5	4	0
BR	2110.0	B?	433228	7276127	0.6	5.3	0.3	6.4	8.5	42.3	0.5	5	0
BS	2127.0	B	433232	7276771	0.8	1.2	0.2	0.3	1.4	6.2	---	---	0
BT	2145.4	D	433290	7277512	0.4	2.3	0.9	3.2	8.2	8.6	---	---	0
BU	2154.1	B?	433328	7277873	2.0	7.9	3.2	10.0	31.7	50.6	1.8	14	0
BV	2157.6	B?	433339	7278014	0.2	3.0	2.7	10.0	28.4	50.8	---	---	18
BW	2182.5	M	433378	7279003	0.2	1.6	0.0	2.0	1.1	8.7	---	---	167
BX	2193.9	B?	433357	7279440	0.3	6.5	1.7	8.3	15.5	46.9	0.6	8	0
BY	2207.3	B?	433321	7279977	0.9	6.8	0.6	8.6	11.9	67.4	0.6	1	0
LINE 20280													
A	3146.1	B?	433112	7251498	1.6	6.1	0.3	5.8	16.6	26.6	1.0	0	0
B	3135.5	B?	433086	7251903	1.1	7.8	0.1	7.7	11.1	57.4	0.5	0	0
C	3114.0	L	433092	7252571	19.9	14.5	21.2	18.0	35.5	62.5	17.5	15	290
D	3103.2	B	433102	7252934	0.8	5.7	3.2	7.5	10.3	44.3	1.4	15	0
E	3092.4	B?	433117	7253302	0.8	2.9	0.0	6.1	12.1	37.8	---	---	0
F	3088.1	B?	433120	7253438	1.1	4.3	3.1	6.4	7.0	34.1	---	---	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20280													
G	3073.9	B?	433150	7253912	4.3	18.8	2.3	25.7	58.0	137.2	1.4	0	19
H	3055.4	B	433198	7254387	2.2	6.3	2.8	6.5	22.7	86.8	2.3	19	0
I	3049.5	B	433198	7254553	3.1	8.3	0.9	10.8	6.6	91.7	1.7	13	0
J	2978.1	B	433282	7257335	1.4	3.3	0.9	3.2	5.2	14.2	---	---	20
K	2974.3	B	433294	7257470	1.3	2.4	0.6	1.0	0.4	3.9	1.7	74	0
L	2960.1	S	433342	7258000	0.5	5.3	0.9	8.9	19.2	49.8	0.5	0	0
M	2942.0	S	433288	7258620	0.8	6.2	0.8	12.9	20.5	75.2	0.6	5	0
N	2873.5	B?	433308	7260813	0.8	5.1	1.6	6.8	5.1	58.9	1.0	15	0
O	2862.0	D	433312	7261225	0.1	1.2	0.4	2.3	7.8	18.5	---	---	20
P	2831.8	D	433395	7262455	3.0	4.5	3.5	6.4	12.7	22.5	3.1	31	8
Q	2827.8	B	433408	7262638	4.4	3.6	1.5	4.6	12.1	16.6	---	---	0
R	2818.5	L	433416	7263037	0.0	1.6	0.6	2.5	8.2	27.0	---	---	20
S	2806.8	B?	433407	7263446	0.4	3.7	0.2	7.2	4.2	41.8	0.5	3	0
T	2789.6	D	433403	7263967	23.4	7.1	55.7	8.6	25.8	55.4	---	---	0
U	2784.9	B	433400	7264107	15.9	19.6	49.4	27.3	23.7	157.0	18.4	14	0
V	2783.5	M	433398	7264150	1.1	19.6	7.4	27.3	2.9	157.0	---	---	951
W	2781.6	B	433396	7264204	1.1	19.6	1.4	27.5	41.8	157.3	0.6	0	0
X	2770.1	B	433401	7264522	5.0	2.4	9.5	2.4	9.5	19.8	---	---	0
Y	2765.3	D	433409	7264663	3.6	1.6	0.9	2.8	4.7	17.7	---	---	218
Z	2753.5	D	433444	7265092	2.0	3.0	0.9	6.0	3.5	37.6	3.0	66	0
AA	2737.6	B?	433479	7265634	8.7	5.8	12.2	5.6	19.1	36.7	---	---	0
AB	2736.5	M	433479	7265669	15.9	3.4	16.8	4.7	22.5	28.1	---	---	449
AC	2729.0	B	433477	7265914	6.3	1.1	26.9	7.1	16.9	19.9	---	---	853
AD	2717.1	B	433462	7266304	17.9	13.6	42.6	16.8	56.7	19.2	28.4	11	20
AE	2714.6	B	433457	7266391	21.3	11.5	45.6	25.3	92.2	50.7	31.9	11	0
AF	2710.0	B	433452	7266557	8.8	9.3	16.8	10.2	24.4	41.0	14.4	23	0
AG	2707.0	M	433449	7266662	0.6	3.7	1.1	6.5	1.9	33.8	---	---	718
AH	2695.3	B?	433441	7267037	4.9	4.5	8.7	3.4	10.6	28.1	---	---	20
AI	2694.0	M	433440	7267077	1.2	3.8	2.2	2.8	4.2	23.7	---	---	20
AJ	2690.3	M	433435	7267193	0.0	1.5	16.9	3.1	13.6	39.4	---	---	191
AK	2685.3	B?	433439	7267360	6.2	5.1	15.9	4.4	11.4	42.5	0.3	0	0
AL	2668.4	B	433472	7267955	19.2	17.6	49.1	32.6	131.2	209.5	19.0	17	25
AM	2667.5	M	433475	7267985	11.8	15.5	35.5	32.6	131.2	209.5	---	---	20
AN	2665.7	B	433480	7268040	36.4	15.6	92.0	31.1	131.2	160.7	---	---	0
AO	2659.5	M	433500	7268228	0.4	7.1	10.7	12.3	11.8	71.0	---	---	242
AP	2639.1	D	433547	7268818	5.3	8.2	2.2	4.7	8.1	25.9	2.6	29	0
AQ	2627.7	B	433553	7269292	18.4	25.0	19.4	43.9	112.4	101.5	5.4	20	20
AR	2624.4	B	433553	7269425	18.4	25.0	19.4	43.9	112.4	101.5	5.4	18	0
AS	2623.0	B	433552	7269480	10.4	21.4	13.9	24.0	49.8	63.2	3.9	22	0
AT	2615.0	B	433549	7269793	0.2	1.3	12.1	0.2	48.9	4.2	---	---	7
AU	2609.3	B?	433556	7270023	12.9	18.8	19.0	32.3	77.8	58.8	5.4	20	20
AV	2604.8	B	433562	7270214	7.0	9.6	28.1	14.2	41.6	6.3	13.3	27	0
AW	2600.7	B	433564	7270384	21.6	19.5	21.5	26.5	75.8	82.4	12.1	16	20
AX	2598.2	B	433563	7270491	9.2	13.2	8.8	16.3	48.9	66.0	4.8	28	0
AY	2589.7	B	433556	7270855	11.6	19.6	10.2	26.9	78.1	88.8	3.5	25	0
AZ	2584.7	B?	433560	7271071	5.4	10.7	4.2	9.0	22.1	41.9	3.7	19	20

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20280													
BA	2578.0	B?	433581	7271360	3.1	7.8	5.4	13.7	24.7	47.9	2.8	16	0
BB	2574.8	D	433598	7271493	0.9	5.2	1.4	7.0	11.7	52.4	---	---	0
BC	2562.1	S	433626	7271994	1.7	11.0	3.5	20.8	49.2	130.8	---	---	0
BD	2556.1	B	433632	7272215	0.2	13.2	1.6	16.9	6.1	119.8	0.5	9	8
BE	2547.5	D	433637	7272490	2.1	1.8	0.6	0.1	7.7	6.3	---	---	0
BF	2538.6	B	433643	7272802	1.1	7.4	3.7	9.6	19.4	36.2	---	---	18
BG	2534.9	D	433643	7272949	4.2	7.3	1.2	7.2	17.4	26.2	2.9	16	20
BH	2515.2	B?	433678	7273761	1.5	1.0	0.6	0.6	0.5	4.9	---	---	20
BI	2492.7	B?	433664	7274698	0.1	3.6	0.3	4.1	0.8	30.1	---	---	0
BJ	2480.3	B	433636	7275146	1.1	2.8	0.4	3.0	0.4	23.3	---	---	0
BK	2476.0	B	433644	7275271	1.2	3.4	1.4	2.3	5.6	19.7	---	---	0
BL	2467.0	B?	433647	7275512	0.5	6.0	0.1	5.9	0.2	49.5	---	---	0
BM	2449.2	S	433654	7276053	0.9	7.7	0.4	9.2	11.5	62.3	---	---	0
BN	2422.9	B?	433690	7276841	0.2	1.9	0.0	1.5	1.8	11.7	---	---	0
BO	2399.0	H	433733	7277620	2.5	0.0	1.0	10.8	26.0	56.1	---	---	0
BP	2390.4	B	433742	7277926	1.3	8.6	0.7	9.3	15.0	54.6	0.8	1	0
BQ	2349.0	B	433810	7279418	2.6	6.6	2.2	9.9	28.8	54.6	---	---	20
BR	2344.9	B	433823	7279564	3.4	8.6	2.9	9.8	27.7	52.2	2.5	22	0
BS	2339.6	B	433832	7279747	0.8	4.1	1.2	2.8	2.2	20.7	1.4	34	0
BT	2333.7	D	433827	7279951	1.9	7.3	1.1	3.6	6.5	23.3	1.6	23	0
LINE 20290													
A	3289.0	B?	433448	7249864	0.3	7.4	0.9	12.0	22.6	64.3	0.5	2	24
B	3308.7	B?	433545	7250593	0.5	4.9	0.2	9.5	17.9	52.7	---	---	24
C	3336.5	L	433524	7251575	6.1	1.2	1.1	1.3	0.5	14.5	51.9	33	57
D	3347.1	D	433526	7251942	1.0	2.5	2.1	0.5	6.4	0.3	3.4	64	0
E	3351.7	D	433531	7252104	1.5	6.5	3.0	11.5	24.1	51.2	1.5	9	0
F	3360.0	B?	433536	7252400	0.5	3.1	0.6	5.5	13.3	20.4	---	---	0
G	3369.4	B?	433557	7252729	1.5	2.9	0.8	3.7	13.2	11.0	1.9	21	0
H	3405.9	B	433574	7253949	1.4	4.8	0.7	6.7	20.2	43.3	1.1	14	24
I	3413.2	B	433583	7254172	0.9	0.8	0.2	5.5	14.7	28.2	1.3	39	0
J	3419.4	B	433596	7254375	1.8	5.6	1.5	4.9	4.9	22.9	1.8	26	0
K	3425.0	B?	433604	7254582	5.5	8.8	3.7	13.6	28.3	53.8	3.4	15	24
L	3428.7	B?	433608	7254735	0.0	7.9	1.2	15.9	41.4	82.3	0.6	0	24
M	3500.2	B	433557	7257350	1.8	4.3	1.8	3.5	5.6	15.5	2.4	24	24
N	3558.7	B?	433754	7259655	3.9	1.8	0.7	3.2	6.7	14.8	---	---	0
O	3594.7	B?	433678	7261174	1.5	7.7	1.2	9.5	22.2	60.1	1.0	0	0
P	3618.4	B?	433698	7262226	2.3	2.9	1.2	2.7	8.2	8.6	3.0	49	0
Q	3627.5	M	433750	7262574	0.5	3.5	0.3	4.6	0.2	32.8	---	---	535
R	3632.4	B?	433771	7262745	3.2	1.5	6.3	0.5	0.3	0.5	---	---	0
S	3637.5	L	433789	7262919	3.0	7.7	1.8	6.2	10.9	32.4	---	---	24
T	3644.2	B?	433808	7263132	0.6	2.9	0.8	1.9	7.2	5.8	1.2	30	0
U	3649.9	D	433810	7263295	4.1	1.9	3.1	3.5	4.2	3.1	14.1	41	0
V	3658.0	M	433808	7263521	2.3	0.6	1.5	6.0	7.9	25.4	---	---	386
W	3669.5	M	433797	7263834	0.1	2.0	1.2	4.1	0.9	26.4	---	---	896
X	3678.5	B?	433770	7264074	10.8	5.2	22.6	9.0	29.4	52.5	---	---	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20290													
Y	3690.7	B	433742	7264409	0.7	3.6	0.7	1.6	0.3	12.7	---	---	0
Z	3696.5	B?	433749	7264558	1.0	4.2	1.2	7.1	13.7	43.8	---	---	0
AA	3729.1	D	433890	7265673	10.5	8.2	16.9	12.2	27.6	68.1	15.3	17	0
AB	3732.6	B	433898	7265806	5.7	0.7	21.5	0.1	21.0	1.8	---	---	0
AC	3735.5	M	433904	7265916	5.2	2.1	21.5	3.4	0.0	18.6	---	---	904
AD	3739.0	M	433913	7266042	1.8	0.6	1.6	3.2	0.6	9.1	---	---	910
AE	3743.8	B	433913	7266216	20.2	7.6	29.5	5.1	36.3	18.7	---	---	0
AF	3752.2	B	433895	7266513	28.1	21.4	55.1	51.2	124.5	89.8	18.5	11	0
AG	3760.6	S?	433891	7266802	2.6	7.3	1.1	9.0	12.0	103.5	---	---	318
AH	3762.8	B?	433889	7266881	5.5	5.0	20.0	9.0	13.1	105.4	---	---	24
AI	3767.8	M	433884	7267059	3.3	3.5	20.4	7.5	0.4	89.1	---	---	0
AJ	3769.3	S	433882	7267112	1.3	5.5	5.9	11.3	10.5	114.5	---	---	358
AK	3770.5	M	433881	7267156	1.7	5.5	6.3	11.3	10.6	114.5	---	---	506
AL	3777.3	B	433872	7267408	17.8	5.3	26.6	4.4	23.9	3.9	89.7	10	0
AM	3780.5	B	433868	7267530	15.0	17.3	21.4	19.5	55.3	52.5	10.1	9	0
AN	3783.0	B	433868	7267623	15.0	18.2	21.1	19.5	48.4	52.5	9.8	12	0
AO	3788.1	B	433878	7267814	9.9	11.8	24.3	13.5	28.6	39.1	13.8	27	24
AP	3790.5	M	433890	7267902	9.9	1.3	7.5	8.5	28.6	72.3	---	---	56
AQ	3793.0	B	433902	7267995	8.0	9.9	20.9	15.6	13.6	114.5	12.3	24	0
AR	3797.4	B	433915	7268166	21.2	6.9	35.3	8.6	36.1	9.2	79.4	0	0
AS	3805.1	B?	433936	7268462	5.9	5.5	7.0	4.0	10.7	21.2	11.1	25	0
AT	3809.3	B	433926	7268627	18.0	14.4	31.9	33.1	64.7	44.1	14.0	13	72
AU	3811.5	B	433917	7268711	21.5	17.1	37.1	39.2	82.7	33.7	14.7	7	52
AV	3819.2	B?	433867	7268997	0.0	1.8	0.6	1.0	0.2	23.9	---	---	0
AW	3831.8	B	433851	7269441	10.7	15.3	8.2	25.9	64.4	74.5	3.5	29	24
AX	3846.9	D	433965	7269974	2.6	9.2	2.2	7.6	6.9	47.7	1.9	16	24
AY	3853.0	B	433999	7270188	8.2	4.5	8.1	4.5	16.7	13.0	---	---	0
AZ	3859.1	B	434035	7270413	5.2	7.2	13.9	10.7	30.6	27.3	8.6	29	24
BA	3868.0	B?	434061	7270743	5.8	16.9	3.6	20.6	44.4	86.6	2.3	7	0
BB	3875.1	B	434051	7271009	18.0	26.8	33.8	49.1	100.5	191.9	7.2	18	0
BC	3879.0	B	434045	7271156	22.1	19.0	39.7	43.2	116.4	19.1	14.4	16	0
BD	3881.0	B	434043	7271235	29.7	22.8	46.8	44.5	144.5	1.3	18.2	11	24
BE	3884.4	B	434042	7271366	29.7	9.1	47.1	7.3	144.5	81.6	---	---	0
BF	3890.1	B?	434036	7271590	0.5	10.3	7.0	14.1	10.9	98.8	1.6	11	0
BG	3914.4	B	433964	7272527	0.5	2.5	0.5	1.8	1.9	8.3	---	---	0
BH	3920.8	D	433973	7272773	2.0	4.1	2.4	4.9	15.0	10.4	2.4	49	0
BI	3933.0	B	434011	7273223	1.0	2.6	0.5	3.2	8.3	11.1	---	---	24
BJ	3948.9	B	434048	7273730	1.9	1.3	0.7	3.2	2.2	22.7	4.0	62	24
BK	3956.5	B?	434059	7274026	0.1	2.3	0.4	2.8	2.7	14.8	---	---	0
BL	3970.1	B?	434045	7274545	1.5	4.3	0.2	4.3	7.1	28.9	---	---	0
BM	3998.0	B	433951	7275317	2.0	5.4	1.6	5.9	2.7	43.9	---	---	20
BN	4001.1	B	433975	7275429	1.2	4.3	0.4	7.1	0.0	53.0	1.1	26	24
BO	4033.1	B?	434151	7276656	0.4	1.4	0.2	1.5	0.7	10.8	---	---	0
BP	4061.5	B	434104	7277854	3.7	8.4	0.4	9.5	15.1	56.2	---	---	0
BQ	4064.5	B	434100	7277986	1.1	10.1	0.9	10.7	19.7	71.9	0.6	0	0
BR	4080.1	B	434088	7278615	1.5	2.4	1.0	2.6	3.3	15.2	---	---	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20290													
BS	4098.4	S	434183	7279330	0.6	6.7	0.1	7.0	6.6	56.5	---	---	24
BT	4111.3	B	434232	7279792	0.9	2.9	0.4	4.3	9.3	28.9	0.9	19	0
BU	4120.0	D	434247	7280126	0.7	1.6	0.5	1.4	4.4	6.8	---	---	0
LINE 20300													
A	5026.3	D	433854	7249950	1.2	8.3	1.7	17.3	37.7	97.4	0.8	0	0
B	5011.8	L	433915	7250660	11.5	6.5	8.0	10.2	23.2	42.8	14.6	24	152
C	4967.2	B	433897	7252747	2.5	3.9	2.5	5.2	12.7	12.7	2.6	49	21
D	4955.8	B	433871	7253233	1.0	3.5	0.1	5.2	8.3	30.2	---	---	39
E	4947.9	B?	433875	7253556	1.8	6.4	2.4	9.2	24.5	46.0	1.8	16	0
F	4912.0	B?	433934	7254866	3.0	3.6	1.3	2.0	11.5	6.4	3.5	55	0
G	4904.1	B?	433955	7255104	1.7	7.1	0.7	11.1	19.6	66.6	1.0	0	21
H	4771.4	B	434086	7260146	0.2	3.8	0.7	5.4	12.0	30.5	---	---	0
I	4747.9	D	434138	7261085	1.9	2.1	0.7	0.1	7.0	2.7	5.2	67	21
J	4741.0	D	434134	7261374	1.4	6.9	1.0	10.5	19.2	62.9	0.9	1	0
K	4712.7	M	434110	7262633	3.0	3.3	3.5	5.6	12.2	17.5	---	---	625
L	4705.8	L	434116	7262930	6.4	7.5	6.0	6.7	18.6	26.6	6.6	23	0
M	4688.3	B	434237	7263655	15.3	1.3	26.3	1.6	20.5	8.1	---	---	0
N	4682.7	B?	434284	7263872	0.3	4.3	3.6	12.8	20.6	73.5	1.4	17	0
O	4679.1	D	434305	7264017	7.1	11.6	10.7	10.6	30.6	63.5	5.5	27	0
P	4667.1	B?	434290	7264467	2.1	4.9	5.2	7.1	3.8	53.8	---	---	0
Q	4664.0	M	434277	7264572	6.9	3.4	4.5	5.2	7.2	42.5	---	---	11
R	4657.7	M	434246	7264781	3.1	4.9	3.2	7.5	1.3	50.0	---	---	21
S	4654.0	M	434235	7264896	0.3	2.9	0.7	5.9	0.2	38.1	---	---	26
T	4644.5	M	434205	7265133	8.4	0.0	10.3	8.3	2.0	49.8	---	---	0
U	4641.5	M	434195	7265199	1.4	10.0	0.6	9.7	3.1	60.6	---	---	346
V	4631.8	M	434164	7265490	1.1	8.4	22.9	13.1	15.4	65.6	---	---	560
W	4624.4	B?	434175	7265726	39.2	7.0	29.9	6.4	66.4	64.0	---	---	0
X	4618.4	M	434208	7265919	0.1	0.1	3.0	1.1	14.9	14.1	---	---	642
Y	4614.0	B?	434232	7266073	6.5	6.0	14.6	10.7	32.6	30.7	12.2	7	0
Z	4609.4	B?	434258	7266226	6.5	6.1	12.0	10.7	32.6	30.7	---	---	0
AA	4600.0	B	434312	7266527	0.4	0.4	1.0	0.7	2.4	0.4	---	---	0
AB	4591.8	B?	434350	7266757	6.8	4.5	7.8	7.8	13.3	34.7	---	---	0
AC	4586.5	B?	434372	7266912	6.5	4.2	2.2	2.8	8.7	26.3	11.2	38	576
AD	4575.7	B	434354	7267288	13.3	6.2	14.3	10.2	21.0	13.1	24.3	27	0
AE	4568.0	B	434346	7267570	5.8	6.6	0.2	2.7	6.9	17.3	---	---	0
AF	4563.7	B?	434341	7267720	0.0	1.9	4.5	1.0	1.7	13.0	---	---	0
AG	4558.8	D	434326	7267888	7.0	4.0	1.1	5.4	7.1	29.6	8.8	48	0
AH	4553.6	D	434301	7268069	2.4	3.4	3.5	1.6	1.3	14.1	2.8	63	0
AI	4543.0	B?	434263	7268460	10.3	6.9	24.2	16.0	39.9	36.1	20.0	16	0
AJ	4530.9	B?	434241	7268915	1.6	2.5	0.7	1.4	1.9	5.6	---	---	21
AK	4514.5	B?	434284	7269526	0.5	8.0	1.9	8.0	4.0	54.5	---	---	0
AL	4491.3	B?	434427	7270351	2.3	2.2	0.8	3.1	2.2	21.8	---	---	0
AM	4476.5	B	434410	7270939	13.6	17.0	22.5	32.7	76.4	114.5	7.3	17	0
AN	4474.0	B	434406	7271052	8.7	15.3	8.5	33.2	90.4	114.5	3.8	7	21
AO	4472.6	B	434404	7271119	5.3	18.2	3.5	18.4	42.6	102.9	2.2	2	21

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20300													
AP	4458.0	B?	434373	7271748	19.1	25.7	21.4	42.7	93.2	187.9	6.0	13	21
AQ	4450.4	B	434368	7272048	1.2	6.1	3.1	9.0	11.5	49.0	1.5	14	0
AR	4444.3	B?	434379	7272292	1.2	3.3	0.8	8.8	24.5	49.0	1.1	9	20
AS	4407.0	D	434461	7273739	4.0	6.4	0.5	4.3	0.7	33.5	---	---	0
AT	4402.5	D	434464	7273909	2.2	2.4	0.4	0.5	0.3	2.3	4.1	71	21
AU	4384.1	B	434506	7274679	2.0	2.0	0.7	2.7	6.7	11.4	3.0	53	0
AV	4377.3	B?	434521	7274939	1.1	2.1	0.6	1.4	2.1	10.8	---	---	0
AW	4364.8	B	434534	7275394	1.9	4.3	0.1	6.2	4.3	41.9	1.4	25	0
AX	4339.7	B?	434504	7276161	2.1	3.3	0.2	3.7	9.4	19.3	2.2	28	0
AY	4314.4	B?	434486	7276984	0.7	1.3	0.5	0.4	0.5	3.5	---	---	0
AZ	4286.2	B?	434465	7277966	0.3	5.0	0.0	2.9	2.1	22.2	0.5	0	0
BA	4278.5	D	434514	7278271	0.4	1.2	0.5	2.4	0.1	14.5	---	---	0
BB	4235.0	B?	434581	7279793	2.1	10.2	1.5	13.8	15.2	94.8	---	---	0
BC	4230.4	B?	434572	7279944	3.9	7.5	1.3	2.4	1.1	28.1	3.1	38	21
BD	4221.6	B	434560	7280231	0.7	4.6	0.7	4.4	9.2	33.0	0.7	12	0
LINE 20310													
A	5150.1	L	434279	7249968	18.0	8.1	22.7	15.6	28.5	71.2	28.5	18	237
B	5157.2	B?	434290	7250253	0.1	2.7	1.2	6.9	15.5	40.3	0.6	2	14
C	5243.0	B	434332	7253390	0.1	3.5	0.2	3.3	4.1	26.7	---	---	0
D	5263.5	B?	434387	7254114	1.4	6.0	1.4	7.6	4.5	58.9	1.2	15	0
E	5317.7	D	434419	7256102	1.5	4.6	0.8	6.7	7.9	43.4	---	---	0
F	5377.2	B?	434453	7258205	4.2	4.8	3.1	5.9	12.5	6.7	---	---	19
G	5401.4	B?	434496	7259066	1.6	5.2	3.6	9.6	24.7	31.4	---	---	0
H	5438.8	S	434475	7260555	1.2	5.6	0.0	10.3	10.4	78.1	---	---	19
I	5470.1	B	434557	7261836	0.2	4.7	0.9	2.8	0.5	23.4	---	---	18
J	5475.5	B	434571	7262058	0.5	2.1	0.3	0.3	0.2	3.2	---	---	0
K	5486.7	B?	434601	7262478	12.9	12.6	29.6	18.1	36.4	81.6	---	---	14
L	5492.3	B	434623	7262682	3.0	6.3	8.0	11.1	36.3	31.0	---	---	0
M	5494.0	M	434628	7262744	1.5	0.4	1.3	3.6	0.5	22.5	---	---	1091
N	5497.4	B	434634	7262862	18.5	19.0	41.8	19.9	78.3	90.7	19.8	13	0
O	5499.3	B	434637	7262925	36.2	38.1	46.2	37.5	138.6	137.4	15.8	9	0
P	5503.5	L	434643	7263052	4.9	7.7	56.6	42.7	146.7	40.9	14.7	20	0
Q	5510.0	B	434644	7263218	2.3	7.2	4.8	5.9	15.2	30.1	---	---	0
R	5514.0	B	434640	7263305	4.0	1.3	25.0	5.7	14.6	23.2	---	---	0
S	5522.4	B?	434621	7263476	1.1	15.8	0.5	24.3	23.6	138.3	---	---	0
T	5535.0	M	434565	7263775	0.1	1.2	0.3	2.0	0.2	12.1	---	---	0
U	5535.6	D	434561	7263791	0.1	1.4	0.3	1.9	0.2	12.5	---	---	0
V	5541.9	B?	434528	7263952	7.3	3.5	14.4	3.8	13.6	17.5	---	---	0
W	5568.9	B	434569	7264680	0.1	5.9	1.4	7.6	5.4	50.2	---	---	0
X	5581.0	M	434575	7265101	0.4	2.0	7.9	4.1	1.3	15.9	---	---	68
Y	5582.8	M	434576	7265162	57.3	6.2	77.0	9.2	91.0	44.8	---	---	43
Z	5584.0	B?	434578	7265203	66.8	11.0	147.7	13.5	118.7	75.4	---	---	542
AA	5591.5	M	434607	7265467	0.0	11.2	49.9	41.7	81.0	260.5	---	---	743
AB	5595.6	B?	434630	7265609	48.5	3.2	106.4	7.0	89.8	55.5	---	---	0
AC	5600.3	M	434651	7265772	74.8	0.0	169.6	4.7	139.6	44.6	---	---	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20310													
AD	5602.7	M	434660	7265856	26.2	0.9	76.5	3.0	60.0	12.3	---	---	259
AE	5606.0	B?	434670	7265968	6.0	6.2	17.4	10.1	33.0	49.5	---	---	0
AF	5608.3	M	434673	7266042	6.0	6.4	3.3	10.6	33.0	49.5	---	---	0
AG	5611.0	M	434675	7266129	0.6	3.7	4.9	11.4	8.1	22.6	---	---	923
AH	5612.9	B?	434677	7266194	44.2	19.8	122.9	36.4	136.1	117.3	---	---	0
AI	5616.4	B	434669	7266329	65.7	38.0	141.9	64.7	206.9	206.4	---	---	0
AJ	5631.1	B?	434619	7266804	6.3	3.5	4.0	6.3	15.7	10.8	---	---	0
AK	5641.6	B	434619	7267188	8.7	6.5	6.7	8.3	19.8	11.3	10.7	28	0
AL	5644.7	B	434619	7267294	6.7	5.6	11.3	10.1	23.9	14.5	10.9	33	0
AM	5650.3	B?	434620	7267479	6.0	8.1	6.9	5.6	25.4	32.1	---	---	0
AN	5654.3	D	434625	7267617	6.0	8.1	6.7	5.6	25.4	32.1	6.4	33	0
AO	5674.9	B	434696	7268360	5.6	2.7	8.7	6.1	13.3	11.3	17.8	34	0
AP	5685.7	B	434722	7268761	0.0	1.4	1.7	2.6	1.8	12.4	---	---	201
AQ	5690.9	B	434726	7268957	3.3	1.5	7.9	2.1	8.3	1.7	---	---	0
AR	5709.3	B	434709	7269622	0.4	6.9	0.7	6.8	11.6	45.2	1.8	13	108
AS	5724.7	D	434743	7270173	0.7	1.5	0.7	0.8	0.8	7.2	---	---	40
AT	5729.8	D	434763	7270364	0.8	1.6	1.1	2.2	2.0	15.5	---	---	0
AU	5737.4	B	434788	7270666	23.6	15.2	32.3	26.9	59.2	22.8	20.7	3	19
AV	5741.3	D	434797	7270831	12.6	9.7	8.5	26.8	59.4	28.2	6.1	18	19
AW	5748.0	B	434811	7271110	16.9	22.1	10.3	34.9	85.4	69.2	4.5	23	0
AX	5758.4	B	434811	7271512	14.9	24.2	11.6	29.0	86.1	101.6	4.1	17	0
AY	5763.3	B	434817	7271695	34.2	44.4	24.8	57.4	146.1	137.7	7.1	9	0
AZ	5766.5	D	434820	7271811	20.5	27.6	29.3	57.4	146.1	137.7	6.2	13	19
BA	5780.3	L	434827	7272317	4.0	10.7	5.3	9.4	10.9	75.6	3.4	21	0
BB	5784.9	D	434832	7272473	0.4	1.2	0.8	9.3	13.4	70.7	---	---	0
BC	5819.0	B?	434859	7273630	1.4	2.6	0.9	3.6	6.5	22.4	1.9	29	0
BD	5827.0	S	434856	7273924	2.3	9.3	1.9	16.4	38.4	92.0	1.3	0	19
BE	5866.3	B?	434906	7275327	0.7	1.3	0.3	1.6	0.4	15.0	---	---	0
BF	5877.9	B	434929	7275758	1.0	3.1	0.0	1.7	3.6	12.1	---	---	0
BG	5909.5	B	434951	7277106	1.4	1.9	1.0	2.3	0.2	7.7	---	---	0
BH	5916.7	S	434942	7277415	0.2	1.2	0.5	4.1	9.2	29.9	---	---	0
BI	5933.9	B?	434899	7278095	1.2	8.0	1.7	11.5	25.4	74.7	---	---	16
BJ	5978.8	S	435026	7279802	0.4	8.2	0.7	13.0	19.5	80.9	0.5	10	0
BK	5983.4	B?	435024	7279980	1.6	4.1	0.8	10.8	19.6	64.1	1.2	18	19
LINE 20320													
A	6907.6	D	434718	7249847	2.4	6.9	1.3	9.0	20.1	37.1	1.8	1	0
B	6902.6	B?	434707	7250044	1.1	1.6	0.1	3.2	6.1	12.1	---	---	0
C	6881.2	B	434703	7250777	2.6	1.7	1.0	5.3	13.8	13.7	3.4	51	12
D	6839.3	B	434782	7252478	1.0	1.1	1.0	0.6	2.2	5.1	---	---	0
E	6816.0	B	434717	7253470	0.9	9.7	0.9	11.6	26.2	58.6	0.6	0	0
F	6796.0	B	434749	7254304	3.5	3.2	1.8	5.3	15.8	10.2	---	---	13
G	6792.1	B?	434762	7254470	0.8	4.2	1.7	8.7	14.1	44.2	1.1	12	0
H	6788.2	B	434774	7254645	1.2	4.1	1.5	5.1	16.5	41.2	1.5	26	0
I	6782.5	L	434791	7254888	1.8	4.7	1.2	7.0	15.5	32.7	---	---	0
J	6757.8	D	434804	7255823	2.8	5.2	1.9	6.4	22.6	28.4	2.6	24	13

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the *flight line*, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20320													
K	6749.6	B?	434818	7256119	1.4	4.3	0.9	5.1	0.1	44.0	1.3	19	0
L	6680.4	B	434886	7258973	5.5	12.4	6.0	23.4	64.7	61.5	---	---	0
M	6613.6	B	434863	7261574	1.4	4.8	0.2	4.4	11.8	23.1	1.1	7	11
N	6580.7	L	434999	7263098	5.6	4.2	5.9	6.9	16.9	14.2	9.1	4	0
O	6570.9	B	435010	7263552	2.2	7.1	4.7	12.7	38.9	47.2	2.3	1	0
P	6568.0	B?	435018	7263694	2.5	8.7	5.4	12.7	38.9	49.4	---	---	13
Q	6564.7	B?	435026	7263849	2.1	4.4	0.5	5.4	13.7	23.7	1.8	9	0
R	6553.0	B	435029	7264377	3.2	4.4	3.4	4.5	8.5	28.6	4.1	47	0
S	6532.8	M	435034	7265279	6.4	12.7	16.2	21.3	43.2	128.5	---	---	0
T	6529.4	B?	435040	7265422	6.0	12.7	13.2	20.2	36.5	126.6	3.8	24	0
U	6527.7	M	435044	7265490	0.4	5.1	1.1	7.8	3.3	49.7	---	---	50
V	6519.0	M	435062	7265829	1.7	1.3	3.9	1.2	1.8	10.3	---	---	733
W	6510.3	B?	435079	7266137	4.9	3.6	10.2	4.5	7.0	22.3	---	---	0
X	6484.9	B?	435135	7266941	1.9	7.1	5.9	12.1	29.6	38.0	2.6	11	0
Y	6475.6	B	435110	7267286	1.6	9.7	9.8	15.0	21.6	33.9	2.8	9	13
Z	6466.2	B?	435106	7267612	2.2	2.2	4.6	1.1	7.2	5.2	---	---	0
AA	6447.8	B	435103	7268154	7.6	7.8	5.7	8.0	21.6	25.7	7.0	34	0
AB	6441.6	B?	435109	7268368	5.3	14.4	3.0	17.2	24.9	116.3	---	---	0
AC	6433.9	B	435116	7268675	1.5	4.0	2.4	2.3	16.5	15.0	3.9	51	244
AD	6426.1	B	435136	7268986	4.8	5.6	11.8	3.7	9.2	25.0	16.2	33	39
AE	6414.7	B	435167	7269422	1.9	1.7	4.8	6.1	8.1	32.2	---	---	13
AF	6409.7	B	435176	7269615	1.5	6.7	2.2	12.9	7.5	84.9	1.4	8	35
AG	6404.1	B?	435175	7269826	0.4	7.6	0.4	7.8	4.9	51.9	0.5	5	0
AH	6387.3	D	435169	7270391	0.7	5.0	5.8	2.0	10.6	10.6	2.5	58	8
AI	6381.1	B?	435178	7270622	14.0	7.1	18.9	13.4	33.9	12.2	23.5	18	13
AJ	6372.5	B	435190	7270958	0.2	3.4	0.0	3.8	3.7	32.3	---	---	0
AK	6357.8	B	435207	7271510	9.4	12.0	21.3	23.2	63.8	44.0	8.1	11	0
AL	6354.8	B	435213	7271633	9.5	12.3	16.6	23.2	63.8	43.7	8.2	11	0
AM	6350.0	B?	435222	7271822	8.4	6.4	13.0	13.6	33.5	14.5	11.2	20	0
AN	6330.6	L?	435232	7272552	2.5	12.6	4.4	19.8	47.6	74.2	1.6	0	0
AO	6219.5	B	435320	7276602	1.4	2.4	0.8	0.4	0.3	2.9	2.6	70	0
AP	6210.3	B	435322	7276927	1.5	2.9	0.2	1.4	1.7	11.7	2.0	49	0
AQ	6201.1	B	435329	7277257	0.2	1.7	0.1	2.8	9.7	21.1	0.5	0	0
AR	6186.7	B?	435348	7277750	0.6	2.1	0.2	2.0	0.5	18.1	---	---	0
AS	6176.5	B?	435358	7278098	0.3	4.6	0.3	6.0	8.3	39.2	0.5	1	0
AT	6121.2	B	435372	7279902	1.0	4.0	0.4	3.4	9.4	17.6	1.0	20	13
AU	6107.0	B	435360	7280356	1.5	2.0	1.4	1.9	1.8	11.2	---	---	0
LINE 20330													
A	7027.4	B?	435060	7249871	3.7	8.0	2.1	8.9	23.1	18.1	2.6	22	0
B	7036.4	B?	435069	7250199	0.6	0.6	0.1	0.4	0.2	34.0	---	---	0
C	7047.9	B?	435080	7250630	2.3	7.3	2.1	13.3	39.1	66.1	1.5	7	0
D	7169.3	B?	435280	7255158	0.4	5.0	1.0	10.0	16.7	51.7	---	---	0
E	7172.8	B?	435291	7255288	1.1	9.5	1.1	14.8	24.3	82.0	0.6	3	13
F	7176.3	B?	435293	7255419	1.4	10.9	1.3	16.5	33.6	90.3	0.7	4	0
G	7180.6	B	435286	7255584	0.2	2.3	0.1	14.1	25.2	76.6	---	---	10

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20330													
H	7194.5	B	435276	7256144	2.3	5.7	4.9	12.1	39.1	27.9	---	---	0
I	7199.1	B?	435284	7256338	1.7	8.9	2.9	15.9	46.3	88.9	1.2	9	12
J	7250.4	B	435212	7258380	1.1	4.2	0.6	3.8	8.6	19.3	1.1	24	0
K	7261.8	B?	435246	7258774	3.0	2.8	2.5	3.9	9.7	10.3	---	---	0
L	7312.4	B?	435385	7260603	2.8	4.8	0.0	8.4	19.2	47.4	1.8	14	0
M	7322.7	B?	435414	7261040	2.7	4.6	2.0	6.9	18.8	29.3	1.2	2	0
N	7332.8	B?	435402	7261439	0.7	3.6	0.0	1.0	0.1	19.8	---	---	0
O	7343.7	D	435292	7261842	2.3	3.8	2.0	1.7	10.4	24.9	3.4	57	13
P	7347.6	B	435270	7261992	2.6	0.9	3.9	3.3	20.0	26.1	---	---	0
Q	7367.2	M	435270	7262687	2.1	11.2	3.1	17.4	19.4	96.6	---	---	10
R	7370.3	B?	435270	7262792	2.3	11.9	4.4	22.8	37.8	107.5	1.5	6	0
S	7375.2	B?	435272	7262958	6.2	4.6	11.4	4.5	1.5	33.7	19.4	33	0
T	7381.1	L	435293	7263139	6.9	9.6	14.0	19.9	47.6	41.8	5.5	20	0
U	7390.0	B	435325	7263416	0.5	1.2	1.6	9.6	27.7	48.1	1.1	22	0
V	7395.7	D	435340	7263590	17.2	12.8	12.2	14.1	48.6	53.1	14.2	19	0
W	7402.8	M	435360	7263797	8.8	2.0	18.2	1.6	21.7	17.8	---	---	371
X	7404.8	B	435368	7263852	11.0	2.8	28.1	1.9	7.9	20.0	---	---	0
Y	7408.2	M	435383	7263948	0.0	0.3	29.5	0.6	8.0	1.2	---	---	427
Z	7413.8	M	435405	7264103	2.4	5.5	3.1	9.2	8.4	36.0	---	---	232
AA	7417.2	B?	435419	7264203	18.9	6.3	43.2	9.2	26.4	43.3	---	---	0
AB	7422.5	M	435443	7264363	11.1	0.4	32.4	0.2	19.4	0.5	---	---	0
AC	7439.8	B	435465	7265028	1.0	4.4	2.8	4.2	4.0	31.7	2.1	29	0
AD	7445.4	D	435462	7265245	0.3	11.1	2.1	11.3	22.1	64.2	0.6	0	0
AE	7449.3	B?	435458	7265385	1.4	8.2	3.5	10.5	16.2	74.6	1.5	8	0
AF	7463.0	B?	435443	7265813	4.4	6.4	3.9	8.4	17.2	38.1	---	---	0
AG	7466.2	B	435436	7265915	3.3	9.6	5.5	15.3	30.0	61.7	2.6	10	0
AH	7501.9	B	435503	7267203	3.2	9.0	4.9	11.5	24.2	37.7	2.7	6	12
AI	7509.2	B	435549	7267482	6.3	16.0	11.2	32.1	85.8	95.0	3.4	3	0
AJ	7526.0	B?	435545	7268120	1.9	1.8	0.9	1.4	2.2	9.1	---	---	0
AK	7540.9	B?	435489	7268780	1.6	2.2	0.1	2.1	2.1	7.9	---	---	0
AL	7544.5	M	435483	7268937	0.2	3.4	0.5	5.4	4.1	22.1	---	---	248
AM	7546.5	B	435479	7269024	2.6	4.3	6.9	5.3	6.5	23.3	5.6	40	13
AN	7564.5	B?	435555	7269798	2.0	3.8	1.4	4.5	5.7	32.3	---	---	165
AO	7570.6	B?	435564	7270060	3.3	3.3	5.6	6.0	15.2	31.4	6.6	31	0
AP	7584.7	B	435511	7270650	13.0	6.5	15.6	13.5	33.7	14.4	20.1	18	0
AQ	7609.0	B	435521	7271557	2.7	5.5	9.0	6.3	16.3	27.6	---	---	13
AR	7669.9	B	435697	7273846	3.1	8.4	0.8	7.6	6.8	56.0	1.6	17	0
AS	7681.1	B?	435687	7274266	3.2	8.6	3.3	16.6	39.4	60.8	2.1	12	13
AT	7690.1	B	435666	7274589	1.2	8.2	2.9	11.4	18.5	89.0	1.3	14	0
AU	7703.6	S	435637	7275061	1.8	7.0	1.2	14.7	12.9	98.3	---	---	0
AV	7714.5	L?	435611	7275430	7.1	11.5	6.0	7.4	18.7	39.9	4.5	26	266
AW	7718.0	B?	435603	7275549	5.5	2.8	1.2	9.7	25.8	54.7	5.0	35	13
AX	7724.2	B?	435587	7275763	1.9	5.0	1.4	3.5	9.9	9.5	2.0	21	0
AY	7734.2	B	435583	7276131	0.2	5.9	0.2	6.1	6.1	43.8	0.5	1	13
AZ	7736.8	B	435599	7276238	1.2	7.5	1.0	9.1	12.6	58.8	0.8	0	0
BA	7758.8	B	435788	7277028	0.8	3.3	0.6	2.3	2.1	18.5	---	---	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20330													
BB	7759.0	B	435790	7277034	0.7	3.3	0.6	2.2	1.1	18.0	---	---	0
BC	7762.0	B	435812	7277139	1.3	1.0	0.2	2.2	2.1	18.0	---	---	0
BD	7780.8	B?	435778	7277810	1.4	3.3	0.6	3.0	2.9	19.3	1.3	27	0
BE	7801.8	B	435770	7278618	0.9	1.3	0.2	0.4	0.7	1.3	---	---	0
BF	7809.0	S	435771	7278848	0.8	2.4	0.1	3.8	2.7	27.8	---	---	0
LINE 20340													
A	8293.2	B	435863	7267159	0.6	3.1	2.7	4.9	9.9	18.5	1.8	30	0
B	8284.0	B	435896	7267564	3.7	11.2	5.0	17.4	43.2	83.6	2.4	5	0
C	8279.8	D	435910	7267746	1.4	2.1	2.6	2.0	10.1	1.6	---	---	4
D	8274.3	B	435917	7267970	0.3	4.0	1.0	4.3	3.0	27.9	---	---	0
E	8263.5	D	435900	7268342	0.9	7.8	0.4	2.5	5.2	17.6	0.6	9	8
F	8254.0	D	435882	7268679	1.6	2.7	4.2	2.4	5.5	12.4	---	---	0
G	8250.0	M	435877	7268831	0.1	2.0	1.5	3.2	3.9	12.2	---	---	367
H	8245.4	B?	435875	7269004	0.1	3.4	3.7	2.6	1.8	13.2	---	---	0
I	8218.3	B?	435896	7269994	3.0	7.2	1.7	10.9	21.3	40.4	1.9	13	8
J	8199.6	B	435931	7270806	2.7	3.0	6.8	5.2	10.0	10.1	8.0	41	0
K	8187.8	B?	435960	7271334	3.4	2.5	2.1	4.4	8.0	11.3	---	---	0
L	8157.5	B	436015	7272605	3.9	6.7	2.7	11.4	24.0	47.3	2.9	17	8
M	8152.8	B	436043	7272787	0.4	8.7	1.9	17.5	20.5	108.1	---	---	0
N	8149.1	B	436069	7272936	0.8	8.9	1.8	13.3	10.9	90.3	0.6	9	8
O	8144.5	B	436093	7273124	1.8	5.5	0.4	9.9	21.5	32.9	1.1	17	8
P	8141.4	B	436097	7273250	1.4	4.2	2.2	9.9	30.8	32.9	1.6	25	0
Q	8136.4	B	436093	7273459	0.1	4.9	0.2	6.3	1.4	48.4	---	---	8
R	8128.3	B	436068	7273794	3.0	6.8	0.4	4.3	7.9	34.4	2.1	20	8
S	8122.4	B?	436047	7274042	0.4	0.4	0.2	0.2	3.6	3.0	---	---	8
T	8117.4	B?	436032	7274246	3.8	5.0	1.7	11.6	22.3	64.3	2.7	22	0
U	8114.1	B	436021	7274375	4.2	10.4	1.4	12.3	17.0	71.0	2.1	13	0
V	8107.4	B	436013	7274652	2.2	2.8	0.3	0.5	2.3	1.2	3.3	70	0
W	8052.0	B	436109	7276870	0.5	2.0	0.3	2.6	0.7	20.9	---	---	0
X	8047.3	B	436121	7277060	0.7	3.1	0.2	2.8	1.1	21.4	---	---	8
Y	8026.3	B?	436154	7277837	1.3	6.3	0.6	7.3	3.7	49.6	0.9	14	4
Z	8017.9	B	436159	7278105	1.7	0.2	0.7	8.1	21.7	38.3	2.3	42	0
AA	8013.5	S	436166	7278267	0.5	10.9	1.1	13.1	28.8	80.5	0.5	0	0
AB	8004.4	B?	436178	7278612	0.9	2.5	0.5	3.5	3.1	23.4	---	---	0
AC	7998.9	B?	436187	7278810	0.6	2.9	0.5	3.6	2.5	22.1	---	---	6
AD	7953.5	B?	436186	7280206	1.8	5.8	0.7	5.7	7.9	38.4	1.4	20	0
LINE 20341													
A	8578.7	B	435792	7262379	5.3	4.9	2.6	9.3	23.9	59.8	4.3	29	0
B	8565.5	L	435790	7262925	8.5	12.8	9.7	14.7	39.0	41.8	4.9	7	28
C	8560.9	B?	435784	7263107	4.1	6.3	6.2	7.4	14.8	27.4	---	---	28
D	8551.9	B?	435782	7263485	9.9	7.3	18.1	10.3	35.4	42.3	---	---	28
E	8547.4	B	435783	7263697	5.3	1.8	12.9	0.2	7.8	5.4	---	---	0
F	8545.0	M	435785	7263809	0.2	2.3	0.6	0.2	0.5	4.5	---	---	932
G	8536.2	B?	435794	7264209	1.0	10.8	6.3	19.7	47.9	67.6	1.7	0	78

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20341													
H	8521.8	B?	435804	7264839	1.1	2.3	0.5	2.4	10.1	16.6	---	---	0
I	8513.0	D	435830	7265247	1.6	4.4	2.6	0.9	4.1	11.4	2.5	54	0
J	8498.5	B?	435851	7265876	2.5	5.9	6.2	21.5	30.6	113.9	2.4	11	0
K	8493.6	B?	435843	7266070	3.0	12.6	3.6	20.6	25.3	113.0	---	---	0
LINE 20342													
A	8912.7	B?	435454	7249713	2.7	6.9	2.0	12.1	30.1	50.9	1.9	0	2
B	8898.3	B?	435518	7250280	0.8	2.5	0.5	3.5	5.7	20.9	---	---	0
C	8878.5	B?	435539	7250901	0.3	4.3	0.7	5.5	14.5	38.3	0.5	0	2
D	8831.0	B?	435496	7252752	1.3	1.3	3.0	1.2	3.1	6.7	---	---	0
E	8817.7	B?	435542	7253254	0.6	6.9	0.8	8.9	4.1	72.9	0.5	10	2
LINE 20345													
A	5442.0	B?	435640	7256514	1.5	5.5	1.2	13.1	44.3	63.6	---	---	1
B	5437.4	S	435643	7256646	1.3	7.7	1.5	14.6	46.3	75.9	0.8	1	1
C	5409.1	B?	435664	7257367	3.0	1.7	1.0	3.1	2.9	30.9	---	---	0
D	5395.0	D	435679	7257846	1.4	1.8	0.5	2.4	0.9	16.9	1.8	80	1
E	5355.8	B?	435697	7259243	2.2	3.8	1.4	5.6	18.1	17.9	2.4	30	0
F	5341.8	S	435711	7259704	1.7	4.9	1.0	7.3	17.4	57.5	1.4	11	0
LINE 20350													
A	8995.7	B?	435936	7250010	0.8	6.1	1.9	11.2	16.9	72.1	---	---	0
B	9001.9	B	435921	7250203	0.5	6.4	0.5	9.1	11.8	49.3	0.5	7	0
C	9008.7	B	435903	7250415	0.4	2.3	0.4	2.0	5.5	22.4	---	---	0
D	9016.7	B?	435910	7250696	4.2	5.8	0.3	9.3	8.3	52.3	---	---	0
E	9023.0	B?	435936	7250943	0.7	8.6	2.1	16.2	13.3	81.8	0.6	3	0
F	9030.2	B	435959	7251235	2.1	10.1	1.9	10.6	22.4	72.8	1.3	8	1
G	9035.6	B	435961	7251444	0.8	8.3	0.9	17.8	35.6	115.7	0.6	2	0
H	9041.3	B?	435964	7251655	0.8	5.3	0.8	15.8	29.3	91.8	0.6	7	2
I	9141.0	B?	436038	7255269	0.9	4.0	0.8	5.0	8.3	39.9	---	---	0
LINE 20351													
A	9284.0	B?	436062	7260981	1.7	3.8	0.9	5.0	15.3	21.8	---	---	0
B	9323.9	D	436292	7262611	6.7	9.5	5.9	16.9	37.6	41.5	3.2	25	0
C	9330.7	L	436270	7262841	1.5	8.9	1.9	10.9	24.3	67.4	1.1	0	0
D	9333.7	S	436263	7262936	8.0	15.0	11.2	21.2	65.4	86.7	3.7	19	0
E	9342.9	B	436259	7263220	10.9	10.2	8.5	5.4	13.8	61.0	19.6	21	63
F	9348.6	M	436264	7263376	0.0	0.3	8.5	0.2	13.8	4.2	---	---	521
G	9356.8	B?	436265	7263602	12.1	6.9	16.7	11.6	27.5	58.1	19.9	18	162
H	9364.5	M	436252	7263808	0.8	3.5	0.8	7.3	4.8	33.8	---	---	285
I	9400.8	B?	436271	7265136	1.0	5.4	2.2	7.1	14.4	35.1	---	---	0
J	9430.3	B	436269	7266238	0.5	2.7	0.1	3.2	4.7	23.5	---	---	0
K	9454.9	B	436300	7267197	1.3	5.0	0.5	3.3	4.1	27.7	---	---	0
L	9461.0	B	436285	7267425	1.1	2.4	1.8	2.8	2.6	14.1	---	---	0
M	9465.0	B	436273	7267560	1.4	6.0	2.0	5.1	10.6	28.9	1.6	19	0
N	9469.2	B?	436266	7267687	1.6	4.0	2.7	7.6	17.7	43.5	2.1	21	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20351													
O	9476.1	B	436271	7267891	0.5	3.7	1.2	5.2	10.9	26.0	0.9	14	0
P	9496.0	B?	436313	7268527	0.9	6.1	5.4	7.4	6.4	51.4	---	---	0
Q	9511.4	B?	436339	7269105	0.2	9.6	1.5	10.5	0.6	71.0	1.7	13	477
R	9524.7	B?	436367	7269650	1.6	3.9	0.0	7.8	8.6	56.0	---	---	19
S	9534.1	B	436377	7270036	2.1	1.9	1.1	2.2	2.6	13.8	---	---	7
T	9543.7	D	436383	7270424	0.4	1.1	0.5	1.3	3.3	5.4	---	---	0
U	9555.6	B	436376	7270863	1.0	2.9	1.6	3.4	5.0	18.1	1.9	31	0
V	9575.9	S	436351	7271593	0.3	11.4	0.2	18.7	22.8	128.0	0.5	3	0
W	9588.2	D	436354	7272036	0.7	0.7	0.1	1.3	0.0	8	---	---	0
X	9600.0	B	436351	7272467	1.9	7.1	4.2	9.8	25.2	25.5	2.1	3	0
Y	9606.1	B	436370	7272715	2.3	3.8	4.5	8.9	20.5	27.8	2.5	47	15
Z	9612.3	B	436396	7272967	1.8	3.3	1.5	3.3	10.5	7.5	2.8	63	0
AA	9630.4	S	436480	7273616	1.5	4.4	1.4	7.1	5.1	49.0	---	---	0
AB	9648.3	B?	436527	7274251	0.3	4.3	0.8	6.5	10.1	28.3	---	---	15
AC	9656.2	B	436497	7274557	1.2	0.2	1.4	0.2	0.1	0.7	---	---	3
AD	9691.7	B	436416	7275925	0.1	4.3	0.8	4.8	3.4	38.1	0.5	10	0
AE	9718.5	B	436476	7276930	0.6	1.7	0.3	2.4	4.3	12.5	---	---	0
AF	9737.0	B?	436537	7277552	1.3	2.7	0.2	5.8	2.2	42.1	---	---	0
AG	9743.4	B	436567	7277806	2.0	0.6	0.4	1.3	3.3	7.1	---	---	0
AH	9767.2	B?	436549	7278853	1.2	3.8	0.2	3.7	3.9	28.0	---	---	0
LINE 20355													
A	5654.5	B	436042	7256556	1.1	1.7	0.8	0.0	0.2	2.2	3.5	75	0
B	5663.3	B?	436042	7256870	1.8	4.7	2.9	7.8	14.8	21.9	2.4	19	0
C	5666.1	B?	436042	7256965	3.5	7.0	3.7	13.0	33.6	59.4	2.8	11	0
D	5740.0	B	436111	7259500	2.8	2.7	1.2	3.3	9.0	8.2	---	---	0
E	5775.4	B?	436161	7260703	2.3	6.9	2.0	9.9	25.2	41.6	1.8	7	0
LINE 20360													
A	672.0	B	436770	7273405	3.9	4.4	1.8	3.6	5.4	13.6	---	---	0
B	591.5	B?	436945	7275877	1.7	3.0	0.3	1.5	1.9	13.6	1.7	73	2
C	585.8	B	436945	7276088	0.0	1.0	0.2	0.2	0.3	10.5	---	---	2
D	582.7	B	436945	7276196	0.7	1.7	0.2	1.2	0.6	10.5	---	---	0
E	513.2	B?	436931	7278696	0.7	3.9	0.9	3.3	9.8	17.3	0.9	4	2
LINE 20361													
A	1433.0	B?	436270	7249679	2.5	3.9	1.3	4.7	10.9	20.3	---	---	20
B	1424.7	B	436253	7250036	0.7	1.3	1.8	4.3	3.5	29.5	2.2	43	0
C	1422.1	B	436242	7250140	0.4	4.5	1.6	8.9	17.3	47.8	0.7	4	20
D	1418.1	B	436232	7250296	2.0	7.5	0.1	7.7	10.0	45.6	1.0	7	0
E	1408.4	B	436255	7250631	0.2	1.7	0.3	5.2	8.5	26.5	---	---	20
F	1403.5	B	436274	7250793	3.8	5.2	1.3	3.3	10.8	20.3	---	---	0
G	1362.7	B	436301	7252102	1.7	3.5	0.9	4.7	5.8	24.6	1.9	17	0
H	1279.2	B?	436467	7255391	2.4	4.8	1.4	7.6	23.2	48.9	2.1	19	0
I	1254.4	B?	436434	7256236	1.2	5.9	2.3	10.2	31.1	43.4	1.2	1	0
J	1228.4	D	436370	7257007	4.0	5.9	1.7	4.7	10.8	12.9	3.0	21	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20361													
K	1147.7	D	436495	7259976	3.4	10.9	1.1	11.1	27.7	52.5	1.7	17	0
L	1080.5	L	436598	7262728	4.8	10.4	4.6	15.1	34.8	41.6	3.0	0	13
M	1077.3	L?	436591	7262864	4.2	6.4	5.0	12.7	26.4	39.8	---	---	0
N	1067.0	M	436570	7263282	0.1	0.5	3.6	0.3	4.8	10.4	---	---	0
O	1057.0	B?	436552	7263656	0.0	4.4	9.5	6.7	7.1	46.0	---	---	0
P	1037.7	B?	436594	7264325	0.3	7.9	0.2	10.0	0.3	68.8	---	---	0
Q	1014.5	M	436650	7265097	0.2	0.5	0.5	1.3	0.1	0.5	---	---	0
R	945.1	B	436725	7267669	0.5	0.5	0.8	4.3	10.9	13.8	1.4	31	0
S	933.7	B	436745	7268126	0.8	3.7	0.1	2.6	3.4	16.9	---	---	0
T	918.0	B?	436741	7268688	0.1	5.7	3.0	10.9	9.8	70.6	---	---	47
U	903.9	M	436715	7269212	1.5	4.2	5.4	11.7	3.6	77.9	---	---	302
V	901.2	B?	436711	7269303	9.8	5.6	7.1	10.4	0.0	69.5	---	---	20
W	886.7	D	436720	7269776	1.8	3.6	0.1	2.7	2.1	17.6	1.9	30	0
X	846.6	B	436822	7271233	4.9	4.8	7.4	10.1	12.2	53.2	---	---	20
Y	844.7	B	436820	7271297	3.6	6.3	6.2	10.1	9.8	53.2	---	---	0
Z	842.8	M	436818	7271363	0.1	3.1	5.0	8.2	1.4	35.5	---	---	108
AA	833.5	B	436817	7271664	2.7	4.6	0.8	2.1	2.0	15.5	2.3	64	20
AB	821.1	D	436823	7272137	1.1	2.6	4.2	5.5	10.8	8.2	1.0	23	0
AC	816.0	B	436827	7272349	4.7	5.8	5.0	5.7	15.6	12.3	---	---	19
AD	804.6	B	436826	7272795	4.3	6.4	1.3	4.6	3.7	24.7	2.8	46	0
LINE 20370													
A	1530.3	B	436661	7249871	0.8	2.5	1.5	2.6	7.9	32.6	---	---	0
B	1536.8	B	436684	7250068	0.1	3.5	0.7	4.6	5.5	21.7	---	---	0
C	1539.6	B	436692	7250146	0.8	4.9	0.9	7.1	12.6	38.2	---	---	0
D	1542.4	B	436700	7250224	1.7	4.0	1.7	7.1	13.6	36.7	2.0	24	0
E	1548.7	D	436722	7250400	2.1	5.0	1.5	6.7	21.2	29.5	---	---	0
F	1563.2	B?	436741	7250815	0.6	3.2	0.8	2.8	5.7	21.0	---	---	0
G	1573.6	D	436757	7251179	1.1	3.2	0.8	2.4	5.8	15.0	1.3	27	0
H	1586.8	B	436783	7251681	2.0	9.8	2.3	8.4	13.2	35.8	1.5	7	0
LINE 20371													
A	2430.0	D	437350	7277275	3.9	2.2	0.3	1.0	1.0	11.3	---	---	5
B	2448.2	B?	437346	7277969	1.7	2.1	0.4	4.3	5.5	26.5	---	---	0
C	2466.2	B	437378	7278747	1.2	6.6	0.1	9.2	11.6	60.6	0.6	5	0
LINE 20372													
A	1801.7	L	436970	7260052	0.8	5.8	2.2	9.7	32.8	36.1	1.0	5	12
B	1803.7	B	436974	7260132	2.1	21.2	2.1	35.3	83.3	106.8	0.8	0	12
C	1804.9	B	436975	7260180	2.1	21.2	2.1	28.3	83.3	101.3	0.8	0	0
D	1808.4	L	436977	7260325	0.9	22.6	2.3	37.5	94.3	213.6	0.7	0	14
E	1865.0	B?	436981	7262636	1.0	4.4	2.0	4.7	12.3	19.3	---	---	13
F	1887.2	M	436980	7263399	0.0	2.0	2.7	11.9	31.1	38.8	---	---	644
G	1937.2	M	437104	7265022	1.3	0.0	2.5	5.1	9.4	33.4	---	---	456
H	2024.1	B?	437133	7268497	0.3	0.5	1.1	0.3	0.2	7.0	---	---	0
I	2031.9	S	437126	7268799	1.9	2.4	1.2	2.1	9.1	14.9	---	---	122

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

					CX 1104 HZ		CP 877 HZ		CP 7180 HZ		Vertical Dike		Mag. Corr
Label	Fid	Interp	XUTM m	YUTM m	Real ppm	Quad ppm	Real ppm	Quad ppm	Real ppm	Quad ppm	COND siemens	DEPTH* m	NT
LINE 20372													
J	2039.6	B?	437120	7269118	0.0	1.7	1.0	1.4	4.5	7.9	---	---	14
K	2049.9	B	437109	7269527	1.6	1.0	0.7	1.0	2.9	3.0	---	---	0
L	2054.9	B?	437120	7269730	1.4	3.4	1.2	5.1	11.1	23.3	---	---	0
M	2065.7	D	437168	7270199	2.6	3.6	1.5	4.2	3.8	29.3	---	---	21
N	2078.6	D	437218	7270738	1.6	3.6	0.9	3.4	3.9	27.6	---	---	0
O	2095.0	B	437206	7271373	7.6	2.3	11.6	5.4	12.5	0.4	37.9	23	0
P	2103.2	B	437175	7271705	3.4	4.8	6.5	7.7	20.8	14.8	5.4	33	0
Q	2231.8	B	437354	7276902	1.1	3.5	0.1	4.5	8.4	27.0	1.0	2	0
R	2241.4	B?	437420	7277256	2.4	1.7	0.7	1.0	0.7	8.1	7.5	55	0
S	2260.3	B?	437503	7278032	2.3	1.3	0.5	2.9	6.3	15.0	---	---	0
LINE 20375													
A	7429.4	D	436822	7255458	0.8	1.4	0.0	0.1	0.4	0.4	---	---	0
B	7423.2	B	436820	7255702	0.8	3.7	0.8	3.8	16.1	16.2	1.0	8	0
C	7417.3	B	436827	7255914	1.2	2.1	0.2	1.0	3.3	2.4	2.0	49	0
D	7411.5	B	436836	7256092	0.8	2.6	0.5	2.8	9.0	10.3	---	---	0
E	7381.8	B	436855	7257030	1.9	4.7	3.9	9.7	12.5	38.2	---	---	0
F	7370.8	B	436868	7257438	0.7	1.8	2.4	8.3	25.3	29.0	1.6	16	1
G	7366.0	B	436876	7257606	1.0	4.4	1.8	6.0	15.6	19.4	---	---	0
H	7361.9	B	436880	7257745	1.0	2.7	0.4	2.2	4.0	7.7	1.3	22	0
I	7349.5	B	436878	7258107	3.4	3.0	1.0	2.0	10.6	10.5	6.1	40	0
J	7310.5	B	436928	7259490	1.0	3.4	0.6	3.3	3.0	20.1	---	---	0
K	7297.0	L	436947	7259983	3.7	23.3	5.1	39.0	119.9	164.2	---	---	26
L	7293.4	B	436948	7260113	3.5	23.3	4.2	39.0	119.9	163.7	1.0	0	0
M	7288.6	L	436944	7260293	0.5	14.0	1.8	16.3	38.1	86.0	0.6	0	3
LINE 20380													
A	3407.8	B?	437112	7249799	0.6	6.2	2.6	9.9	21.9	39.6	1.0	0	0
B	3401.1	D	437114	7250090	1.7	8.8	3.0	10.8	29.2	40.9	1.5	5	0
C	3398.6	B	437110	7250201	1.2	5.2	3.0	9.0	24.1	21.7	---	---	0
D	3392.0	B	437104	7250473	1.1	1.8	0.9	1.8	4.5	5.9	---	---	0
E	3383.5	S	437112	7250795	1.1	5.5	0.2	7.8	9.0	53.5	---	---	6
F	3368.0	D	437118	7251273	1.8	2.4	0.5	2.2	3.2	11.8	1.7	72	0
G	3359.7	B	437107	7251477	0.7	2.0	1.0	4.0	4.6	18.6	1.3	29	6
H	3350.0	B	437108	7251710	1.7	6.7	1.2	10.1	25.8	50.0	---	---	0
I	3346.2	B	437119	7251816	3.1	7.7	2.0	7.2	19.5	41.6	---	---	0
J	3333.0	B?	437133	7252198	1.9	1.1	0.9	3.2	4.9	37.5	---	---	0
K	3292.5	B?	437178	7253717	2.1	1.5	1.8	0.0	1.0	25.4	---	---	6
L	3256.6	B	437235	7255266	1.1	3.0	0.7	1.1	4.9	7.7	---	---	0
M	3240.5	B?	437224	7255932	0.9	2.5	1.2	4.3	24.2	16.1	---	---	0
N	3235.2	B	437226	7256133	2.1	6.6	1.0	8.9	25.1	40.9	1.3	6	0
O	3229.9	L	437226	7256318	0.5	6.5	0.3	5.6	2.4	44.6	0.5	4	0
P	3222.9	B	437238	7256556	1.2	2.4	2.2	4.3	12.5	10.6	---	---	6
Q	3182.6	D	437294	7257785	3.0	4.6	0.8	3.7	9.0	11.4	2.2	44	0
R	3106.7	B?	437406	7260908	1.8	3.2	0.3	3.1	3.6	22.9	2.1	29	0
S	3062.4	B	437350	7262700	2.9	5.7	1.8	4.2	15.8	14.1	2.7	22	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20380													
T	3052.9	B?	437371	7263055	0.1	15.6	2.8	19.3	42.1	109.3	0.6	0	0
U	3049.7	B	437373	7263189	7.6	11.0	2.8	18.5	41.0	52.8	3.6	12	0
V	3042.0	B?	437363	7263512	0.4	9.0	3.8	18.7	45.9	68.0	1.1	0	263
W	3040.4	B	437363	7263578	1.4	12.1	1.5	11.8	23.9	53.2	0.8	0	0
X	3009.7	B?	437478	7264753	0.8	5.1	1.0	8.6	10.9	57.6	---	---	0
Y	3002.1	B?	437479	7265005	4.7	3.8	11.5	5.8	13.5	23.5	---	---	0
Z	2999.7	M	437479	7265083	2.2	2.1	5.0	6.8	9.2	30.1	---	---	161
AA	2997.7	B?	437476	7265148	1.6	4.9	4.3	7.0	5.3	39.8	2.8	32	212
AB	2997.0	M	437474	7265170	0.5	4.5	0.4	7.0	2.2	39.8	---	---	212
AC	2982.1	B	437459	7265669	1.4	2.8	1.3	1.0	4.8	10.6	2.1	72	0
AD	2960.8	B?	437461	7266347	0.8	3.9	1.7	4.1	9.5	14.4	1.4	21	6
AE	2896.6	B	437609	7268874	1.9	5.2	1.5	5.5	7.2	42.7	2.0	23	0
AF	2888.2	B?	437620	7269199	0.5	1.9	0.7	1.6	0.7	13.1	---	---	6
AG	2878.6	B	437607	7269566	4.1	1.6	12.3	1.8	3.6	6.4	---	---	6
AH	2872.2	B?	437595	7269821	1.5	4.4	1.5	9.5	15.9	36.0	---	---	0
AI	2866.6	B	437587	7270054	6.2	4.9	2.6	2.9	14.4	13.0	9.5	44	92
AJ	2829.3	B	437574	7271411	4.6	2.8	9.0	5.2	8.8	22.9	---	---	6
AK	2798.6	B	437647	7272675	0.8	7.1	1.9	6.6	10.1	38.0	---	---	0
AL	2795.8	D	437650	7272792	1.4	7.1	1.2	6.3	7.9	37.2	1.1	10	0
AM	2787.5	D	437658	7273110	0.6	1.0	0.4	0.0	0.8	0.6	---	---	6
AN	2769.5	B?	437680	7273772	1.6	2.9	0.5	7.7	4.0	59.3	---	---	18
AO	2765.2	B	437684	7273943	2.1	6.3	1.3	8.0	0.6	61.3	---	---	6
AP	2718.1	B?	437712	7275959	0.7	1.6	0.1	1.9	0.4	13.0	---	---	6
AQ	2700.5	B	437678	7276688	0.7	9.8	0.6	13.6	22.6	80.7	---	---	0
AR	2665.7	B?	437762	7278123	1.1	6.8	1.1	7.3	0.9	56.5	0.8	15	0
AS	2658.4	B	437783	7278393	1.0	3.3	0.6	2.3	0.8	17.5	1.4	39	5
AT	2653.4	B	437786	7278576	1.4	0.4	2.0	0.3	10.3	0.5	---	---	6
AU	2647.6	B	437789	7278765	0.6	5.3	0.5	6.6	10.3	43.8	0.5	12	3
AV	2644.7	D	437795	7278859	0.8	7.0	0.1	10.7	8.9	68.0	---	---	0
AW	2625.9	B	437798	7279420	1.1	2.3	0.2	0.6	0.7	6.7	1.8	52	1
AX	2614.0	B	437796	7279796	0.7	1.9	1.0	1.3	3.0	11.6	---	---	0
LINE 20390													
A	3484.1	B	437375	7250025	2.3	6.5	3.2	13.2	33.0	51.2	2.0	0	0
B	3504.9	D	437495	7250646	2.1	2.5	0.6	0.3	5.3	6.1	4.5	60	0
C	3519.3	B	437496	7251095	0.4	1.9	0.2	2.4	3.6	16.6	---	---	0
D	3524.1	B	437516	7251269	1.4	7.4	0.4	9.4	9.3	62.3	0.7	7	0
E	3527.2	B	437530	7251394	1.0	11.9	0.5	13.8	13.3	102.7	0.6	8	4
F	3529.9	B	437539	7251505	0.8	4.7	1.0	15.0	13.8	108.1	0.6	7	0
G	3542.6	B?	437577	7252076	1.4	7.7	1.8	11.1	17.4	72.2	---	---	0
H	3547.4	B	437586	7252281	1.1	3.0	2.3	10.2	6.5	32.8	1.7	20	0
I	3645.1	L	437590	7256292	1.5	9.3	1.3	14.4	35.5	66.2	0.8	0	0
J	3686.6	B	437690	7257852	3.1	15.9	0.4	21.0	32.5	124.7	---	---	0
K	3711.1	B?	437648	7258826	2.3	7.6	1.8	12.6	25.2	65.5	1.5	13	5
L	3776.8	B	437899	7261546	1.6	7.3	0.9	5.2	2.4	34.3	1.2	20	0
M	3779.1	B?	437885	7261627	1.7	16.3	0.8	19.7	16.2	134.3	0.7	8	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM	YUTM	CX 1104 HZ Real	CX 1104 HZ Quad	CP 877 HZ Real	CP 877 HZ Quad	CP 7180 HZ Real	CP 7180 HZ Quad	Vertical Dike COND	Vertical Dike DEPTH*	Mag. Corr
			m	m	ppm	ppm	ppm	ppm	ppm	ppm	siemens	m	NT
LINE 20390													
N	3787.6	B	437797	7261959	3.7	4.3	2.1	2.7	19.5	25.3	5.0	46	0
O	3792.2	B?	437742	7262144	0.5	4.7	0.2	2.5	0.1	26.9	0.6	8	0
P	3800.5	B	437665	7262478	4.8	4.0	3.6	5.3	11.2	29.6	7.1	42	0
LINE 20391													
A	3898.3	B?	437776	7261244	2.8	2.5	0.9	7.3	11.8	41.5	0.7	9	0
B	3920.6	B?	437774	7261970	1.9	3.2	0.8	4.6	15.3	17.5	2.2	31	0
C	3924.9	B	437769	7262153	0.1	4.3	0.1	2.6	0.3	23.4	0.5	4	6
D	3934.4	B	437769	7262531	6.7	8.7	5.3	8.6	20.4	38.7	4.8	32	0
E	3945.0	B	437800	7262955	4.8	16.1	3.5	15.6	43.2	59.4	2.2	5	6
F	3951.5	B	437815	7263211	0.5	8.5	7.7	19.8	28.6	65.9	---	---	0
G	3965.5	B	437804	7263773	4.1	8.4	9.9	17.5	40.2	47.7	---	---	0
H	4008.6	B?	437853	7265404	1.2	3.6	1.4	5.4	5.7	27.0	---	---	0
I	4016.8	B	437858	7265759	3.7	0.7	7.9	4.5	0.2	26.5	---	---	0
J	4022.1	B	437870	7265983	0.2	2.5	1.4	2.8	1.5	17.5	---	---	0
K	4023.0	M	437872	7266020	0.2	2.5	1.4	3.4	0.8	20.3	---	---	82
L	4027.4	B	437883	7266210	2.6	4.5	4.5	5.9	10.6	44.0	---	---	0
M	4038.4	B?	437896	7266701	2.1	3.9	2.4	3.9	11.2	14.1	2.5	51	5
N	4060.2	B?	437912	7267631	1.6	1.0	0.2	0.2	2.3	0.6	---	---	0
O	4089.8	S	437925	7268848	1.5	7.8	0.9	12.7	15.2	68.3	---	---	0
P	4147.7	B	437943	7271340	6.6	2.9	11.7	8.4	14.3	10.5	19.7	28	0
Q	4165.9	B	438043	7272088	1.2	2.9	1.7	4.1	6.9	18.3	2.2	34	0
R	4189.6	D	438044	7273023	0.9	2.0	0.1	1.9	4.2	13.2	---	---	0
S	4216.5	B	438043	7274173	2.0	1.3	0.4	2.2	2.9	11.5	---	---	0
T	4234.8	B?	438067	7274973	1.8	2.1	0.7	2.2	3.2	8.4	---	---	6
U	4266.1	B?	438062	7276346	0.8	2.9	0.5	2.7	2.5	18.6	---	---	0
V	4291.2	B	438115	7277345	0.5	4.2	0.3	4.2	7.1	33.3	0.6	13	0
W	4320.4	B	438170	7278512	0.6	2.1	0.5	3.1	4.0	15.5	1.0	14	6
X	4340.1	B?	438234	7279417	0.3	1.7	0.2	1.1	2.5	6.3	---	---	0
LINE 20400													
A	5258.5	H	437832	7249941	2.2	17.4	4.5	28.1	67.3	118.4	1.1	0	10
B	5245.2	B?	437884	7250504	1.3	1.9	1.5	0.2	5.1	21.6	5.0	58	10
C	5241.8	B	437891	7250654	3.1	4.4	1.2	9.0	7.4	53.2	---	---	0
D	5238.3	B	437893	7250805	2.9	8.6	1.4	8.9	9.9	53.1	1.8	17	10
E	5222.4	B?	437952	7251384	1.3	4.2	0.0	3.2	7.6	27.0	1.0	11	0
F	5208.7	B	438008	7251781	5.9	15.2	13.0	26.7	57.5	55.1	---	---	10
G	5206.2	B	438018	7251859	7.6	15.1	13.0	25.9	53.0	40.3	3.3	28	10
H	5190.3	B	438040	7252397	0.8	5.4	4.2	3.5	2.2	36.8	2.2	28	0
I	5158.5	B	438037	7253609	2.8	3.6	3.5	1.7	14.0	17.5	6.1	52	10
J	5099.4	B?	438067	7256145	0.8	4.3	1.1	7.2	14.8	50.0	---	---	0
K	5095.9	B	438075	7256292	0.8	4.5	0.6	4.4	8.2	32.6	0.8	15	0
L	5086.4	L	438097	7256658	0.9	5.9	1.5	20.1	34.2	111.9	0.6	0	0
M	5074.4	B?	438089	7257060	3.0	1.6	0.9	2.2	9.2	11.7	9.0	57	0
N	5039.7	B?	438040	7258264	1.2	3.6	1.6	7.0	16.9	20.0	1.5	19	0
O	5034.8	B	438070	7258464	1.2	4.7	1.0	5.3	10.3	29.1	1.2	15	10

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM	YUTM	CX 1104 HZ Real	CX 1104 HZ Quad	CP 877 HZ Real	CP 877 HZ Quad	CP 7180 HZ Real	CP 7180 HZ Quad	Vertical Dike COND	Vertical Dike DEPTH*	Mag. Corr
			m	m	ppm	ppm	ppm	ppm	ppm	ppm	siemens	m	NT
LINE 20400													
P	4955.6	B?	438182	7261728	0.5	7.7	2.4	14.9	32.3	56.3	---	---	0
Q	4951.6	B	438198	7261858	0.6	8.7	2.6	11.0	20.3	63.1	---	---	0
R	4947.8	B	438214	7261992	2.0	5.5	0.5	14.8	10.1	34.1	1.5	20	0
S	4942.2	B	438240	7262210	2.1	7.9	0.5	10.5	14.9	66.8	1.0	6	10
T	4929.1	B	438307	7262774	7.9	7.2	9.1	10.9	29.0	23.6	8.1	18	0
U	4921.7	B	438305	7263091	7.7	9.9	8.6	12.1	26.5	14.2	5.9	18	0
V	4917.9	B	438300	7263260	8.5	13.7	4.1	12.5	35.3	42.6	3.3	20	0
W	4911.8	B	438281	7263529	0.0	0.2	12.9	11.4	24.2	28.4	8.1	31	8
X	4905.2	B	438264	7263808	20.6	20.6	37.7	36.1	83.9	40.8	13.3	2	0
Y	4903.3	B	438258	7263885	22.3	17.1	31.9	30.4	69.8	26.5	16.2	2	0
Z	4892.2	B	438237	7264344	0.9	3.0	0.8	1.2	3.1	8.2	1.6	23	0
AA	4873.1	B	438253	7265112	3.8	3.9	3.5	13.6	33.3	71.3	---	---	0
AB	4868.5	B	438265	7265293	2.1	10.1	2.7	12.8	27.7	70.8	1.5	2	10
AC	4840.2	B	438313	7266204	12.7	1.8	38.1	4.2	29.3	21.4	---	---	0
AD	4838.0	M	438311	7266269	0.0	3.6	4.9	4.5	15.9	24.3	---	---	0
AE	4827.0	B?	438308	7266626	1.9	2.4	1.9	1.7	6.4	13.1	4.2	63	1
AF	4821.5	B	438308	7266825	0.1	8.2	1.9	9.8	14.9	61.4	0.5	10	0
AG	4813.5	B	438317	7267138	0.8	3.0	0.0	1.0	0.1	12.3	1.6	43	8
AH	4797.7	B?	438345	7267775	1.4	2.2	1.4	1.2	3.7	13.2	---	---	0
AI	4759.7	B	438400	7269360	2.0	3.4	0.6	1.8	3.1	13.0	---	---	0
AJ	4747.9	B?	438392	7269862	1.4	3.0	0.9	0.6	5.8	5.6	---	---	10
AK	4679.1	B	438485	7272708	0.2	3.0	0.4	3.5	1.2	21.7	---	---	0
AL	4645.9	D	438465	7273804	3.4	7.3	2.8	9.3	21.2	42.6	2.7	20	0
AM	4571.6	B	438521	7276756	0.7	6.2	0.3	9.3	11.5	57.9	---	---	0
AN	4569.9	B	438519	7276827	0.4	6.3	0.0	8.6	11.6	52.7	0.5	5	9
AO	4565.9	B	438520	7276994	1.4	8.8	0.6	8.6	7.1	56.2	0.7	3	0
AP	4534.9	B?	438580	7278227	0.6	5.3	0.4	6.9	8.1	44.5	---	---	0
AQ	4531.1	B	438589	7278359	1.8	7.0	1.1	4.9	7.0	31.1	1.5	22	10
AR	4529.3	B	438593	7278419	0.5	2.9	0.5	3.1	5.5	20.2	---	---	0
AS	4524.8	B	438604	7278570	0.3	1.9	0.5	0.5	0.3	7.7	---	---	10
AT	4519.9	B	438614	7278728	1.1	1.2	1.1	6.9	14.4	39.7	1.7	32	0
LINE 20410													
A	5366.8	B	438384	7250130	3.9	12.4	4.8	11.6	28.4	41.0	2.6	10	7
B	5369.7	B	438397	7250236	10.8	31.7	10.2	44.3	125.4	155.2	3.1	0	0
C	5371.5	B	438402	7250302	9.8	32.1	15.6	58.9	152.5	162.6	3.4	2	7
D	5373.9	B?	438404	7250388	9.8	30.6	16.0	58.3	140.5	157.8	3.2	3	0
E	5383.0	D	438395	7250694	0.0	1.4	2.8	2.1	8.1	3.8	2.1	89	0
F	5388.1	B	438386	7250853	0.6	2.9	0.5	2.5	4.2	21.9	---	---	0
G	5399.2	B?	438361	7251240	1.2	9.7	0.9	14.0	4.3	105.7	0.6	7	0
H	5402.3	D	438356	7251360	2.0	6.5	1.4	14.0	4.5	105.7	1.3	10	0
I	5412.6	B	438340	7251771	4.2	11.1	1.8	12.3	30.1	45.4	2.1	7	0
J	5416.9	B	438335	7251972	1.5	11.5	3.4	17.1	40.0	53.2	1.1	0	7
K	5451.7	S	438315	7253441	3.0	17.1	1.8	25.9	40.7	171.0	1.0	3	0
L	5455.9	B?	438328	7253613	4.6	11.5	4.2	25.7	41.2	168.1	---	---	7
M	5492.8	B?	438383	7255177	1.0	4.8	0.3	5.4	3.2	36.5	0.8	14	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20410													
N	5526.0	B	438513	7256585	1.4	5.1	0.3	6.5	7.1	43.0	1.0	13	7
O	5532.1	B	438513	7256808	0.4	2.3	0.3	5.7	11.0	35.5	---	---	0
P	5538.9	B?	438494	7257045	1.0	5.5	0.8	8.8	19.8	44.2	0.8	0	0
Q	5551.2	B?	438431	7257482	2.4	1.5	0.1	1.4	0.5	14.6	---	---	187
R	5563.8	B?	438446	7258001	2.5	12.1	2.1	18.2	36.2	98.8	---	---	0
S	5582.1	B?	438462	7258722	0.9	2.0	1.9	3.9	13.8	9.5	2.3	39	0
T	5640.8	B?	438540	7261026	1.6	1.0	1.2	2.6	14.3	8.4	5.3	48	0
U	5662.3	B	438568	7261714	2.0	2.5	0.7	2.3	9.1	3.0	2.6	59	0
V	5670.1	B	438579	7261978	0.4	1.6	1.5	4.4	7.6	24.3	---	---	7
W	5674.0	B	438594	7262117	1.6	3.0	1.4	5.9	8.7	28.2	2.0	22	5
X	5677.8	B	438606	7262262	1.4	2.8	1.4	4.4	12.2	12.9	2.0	22	0
Y	5702.0	B	438640	7263212	4.1	0.0	6.5	0.1	0.2	93.4	---	---	0
Z	5707.9	D	438643	7263435	0.7	10.3	7.9	10.4	29.0	70.4	2.1	6	0
AA	5710.5	D	438643	7263533	0.5	4.5	4.9	10.4	24.4	77.2	1.7	13	0
AB	5715.3	B	438639	7263709	3.4	3.0	0.5	0.2	0.6	1.3	7.4	51	7
AC	5718.8	B	438641	7263838	1.9	4.7	2.6	4.7	13.4	17.4	---	---	0
AD	5729.9	B	438674	7264251	3.0	11.2	4.9	21.0	44.3	96.3	1.9	8	0
AE	5732.2	B	438685	7264334	3.0	11.2	4.9	21.0	44.3	96.3	1.9	11	50
AF	5755.0	B?	438672	7265093	3.1	5.5	0.4	6.6	13.4	31.1	---	---	0
AG	5759.1	B	438654	7265255	2.2	8.7	0.2	8.7	21.8	48.7	1.0	1	1
AH	5782.0	M	438626	7266031	22.3	0.3	46.8	3.8	35.4	27.3	---	---	291
AI	5788.2	B	438659	7266290	0.0	5.8	0.9	9.0	0.8	58.2	---	---	117
AJ	5790.0	M	438670	7266370	22.3	4.2	57.4	8.8	45.1	58.2	---	---	444
AK	5793.6	B	438688	7266533	29.9	3.8	67.8	9.2	57.3	48.9	---	---	7
AL	5861.3	B?	438716	7269448	1.7	6.0	0.9	7.3	14.1	36.4	---	---	0
AM	5875.5	B	438756	7270064	1.1	0.9	2.3	2.9	9.6	0.0	4.6	74	0
AN	5955.5	B?	438906	7273303	1.3	2.0	0.0	2.3	0.0	17.2	---	---	3
AO	5959.5	B	438897	7273482	0.4	3.8	0.5	3.1	1.7	24.4	---	---	0
AP	5969.1	B	438853	7273900	2.9	2.5	2.1	3.2	9.5	6.6	---	---	0
AQ	5986.2	B	438818	7274655	3.7	5.4	5.2	8.0	17.4	24.1	3.8	43	0
AR	6009.5	B	438889	7275642	3.1	4.8	1.1	4.5	5.9	27.5	2.1	53	6
AS	6045.8	B	438973	7277056	2.3	4.0	0.4	4.4	4.5	25.2	2.2	24	5
AT	6060.3	S	439021	7277596	0.5	4.1	0.2	6.8	1.9	53.3	---	---	0
AU	6083.4	B	438947	7278501	0.9	2.8	0.2	3.4	4.0	20.7	1.0	15	0
AV	6097.8	B	438973	7279132	0.7	0.7	0.7	4.0	2.0	28.3	---	---	0
LINE 20420													
A	7014.7	B?	438692	7249854	0.7	13.8	2.1	-23.3	42.9	128.1	0.6	1	3
B	7011.1	D	438740	7250010	1.7	10.0	1.6	21.1	16.1	48.7	0.8	0	0
C	7005.8	B?	438802	7250242	1.4	11.2	5.2	39.6	98.8	177.4	1.0	0	3
D	7002.4	B	438830	7250394	5.2	25.5	5.3	36.9	94.3	160.6	1.6	0	2
E	6982.2	D	438744	7251156	0.8	5.7	1.2	5.8	5.0	42.9	0.8	9	0
F	6975.7	B	438704	7251373	0.0	5.3	0.4	7.3	6.6	57.7	---	---	0
G	6961.6	B	438640	7251848	1.3	7.7	0.0	8.7	10.4	54.6	0.6	13	3
H	6955.1	B?	438680	7252078	2.1	4.6	1.6	5.9	18.2	52.4	2.2	32	0
I	6901.5	S	438769	7253864	1.3	8.0	2.2	12.6	15.4	81.2	---	---	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20420													
J	6862.7	B	438903	7255429	2.4	4.5	0.8	10.9	10.2	88.0	1.7	24	0
K	6843.6	B	438910	7256226	1.5	3.3	0.6	2.3	5.8	10.2	1.9	33	3
L	6822.6	B	438851	7257032	1.3	4.3	0.9	3.6	13.4	27.2	1.5	22	0
M	6766.0	B?	438956	7259080	0.1	3.0	0.8	5.1	11.2	26.8	---	---	3
N	6716.8	B?	438919	7260993	0.8	2.8	1.2	3.7	9.8	11.0	---	---	0
O	6710.9	B?	438945	7261266	1.4	2.3	1.7	2.5	0.1	15.3	---	---	0
P	6701.6	D	439001	7261674	1.4	5.8	1.5	8.8	22.1	41.4	1.2	11	3
Q	6698.6	B?	439020	7261799	1.3	4.9	1.6	6.9	15.3	32.2	1.4	13	0
R	6692.3	B	439047	7262055	1.7	2.8	0.7	4.7	12.7	30.6	---	---	0
S	6689.2	B	439051	7262173	1.2	3.0	0.1	2.8	4.4	21.4	1.4	24	3
T	6668.2	B?	438991	7262994	2.7	13.1	4.0	25.1	47.0	142.4	1.4	5	0
U	6655.8	B	439052	7263500	5.2	10.5	5.8	19.8	48.0	88.4	---	---	0
V	6650.8	B	439098	7263704	0.4	3.0	0.0	0.4	0.1	16.8	---	---	0
W	6644.1	B	439136	7263985	0.9	1.5	2.2	0.0	7.8	15.4	5.8	75	3
X	6638.0	B	439146	7264236	2.8	7.3	5.3	12.3	27.0	32.2	2.8	17	0
Y	6634.7	B	439146	7264369	5.2	7.4	3.5	9.2	22.3	27.3	3.2	36	0
Z	6613.5	B	439090	7265237	4.0	4.1	2.0	10.6	28.1	47.2	2.5	39	38
AA	6607.7	B?	439067	7265479	0.8	5.7	1.0	5.3	8.3	29.1	0.9	4	0
AB	6595.5	B?	439057	7265913	0.8	6.4	1.1	10.7	11.6	67.0	---	---	0
AC	6588.4	B	439061	7266129	0.9	1.2	2.1	4.0	9.6	20.4	---	---	0
AD	6584.6	B	439062	7266251	1.2	3.5	2.3	5.6	5.7	49.7	---	---	0
AE	6580.7	B	439064	7266376	0.1	4.4	0.4	5.8	1.6	49.8	---	---	0
AF	6537.9	B	439193	7267990	0.7	4.9	1.1	6.0	3.9	38.3	0.8	12	3
AG	6523.3	B?	439144	7268437	2.0	6.9	2.5	10.2	22.6	46.6	---	---	0
AH	6493.7	B?	439114	7269468	0.4	4.1	0.6	5.0	8.3	32.2	---	---	29
AI	6490.7	B?	439114	7269575	0.3	2.3	2.3	2.2	8.2	13.8	---	---	0
AJ	6483.3	B	439109	7269833	1.5	4.5	0.7	6.7	4.5	42.4	1.2	22	0
AK	6463.6	B?	439150	7270569	0.9	6.6	1.4	13.3	19.5	81.1	---	---	0
AL	6441.5	D	439232	7271407	2.3	7.4	2.5	12.7	24.2	72.0	1.7	9	0
AM	6407.0	B?	439262	7272697	0.6	3.8	0.5	4.5	4.3	29.0	---	---	3
AN	6385.9	B?	439249	7273432	0.8	3.3	0.6	5.7	5.3	33.3	---	---	3
AO	6363.6	B	439300	7274185	1.3	5.2	0.8	2.2	2.9	13.2	1.4	28	3
AP	6339.3	B	439325	7275146	2.5	2.3	0.9	0.7	2.3	11.2	---	---	1
AQ	6330.3	B	439310	7275464	1.7	3.1	3.0	5.7	11.7	9.8	2.2	50	3
AR	6290.3	D	439369	7277143	1.2	4.1	0.0	2.0	2.6	17.8	1.0	13	0
AS	6261.5	B?	439373	7278295	0.9	2.7	0.2	1.5	2.8	7.3	---	---	0
AT	6251.9	B	439383	7278638	1.0	3.1	0.6	3.9	3.5	26.8	1.2	27	3
AU	6234.9	B?	439423	7279219	1.0	2.2	0.5	2.0	0.7	13.3	1.6	46	3
AV	6227.5	B?	439426	7279471	1.2	1.3	0.2	1.7	3.9	10.6	---	---	1
AW	6218.0	M	439428	7279792	0.1	1.1	0.6	1.9	3.3	14.0	---	---	64
LINE 20430													
A	7127.8	B	439067	7250425	7.3	18.1	2.0	19.7	50.7	99.5	2.5	6	0
B	7136.4	B	439081	7250725	2.7	8.2	2.6	10.0	21.1	41.8	2.0	16	0
C	7149.9	B	439106	7251167	0.4	3.2	0.4	5.4	5.1	37.1	---	---	9
D	7152.1	B	439114	7251247	0.4	5.2	0.4	6.2	3.6	45.4	0.5	10	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20430													
E	7156.7	D	439136	7251410	1.2	6.8	0.6	6.0	13.2	38.4	---	---	0
F	7200.7	D	439184	7253112	1.8	7.5	2.3	7.3	21.5	19.2	---	---	9
G	7254.9	B?	439213	7255250	0.7	1.9	1.2	2.5	0.2	19.2	---	---	0
H	7277.2	B	439231	7256209	1.9	4.4	0.9	4.0	5.8	19.2	1.9	27	0
I	7344.3	B?	439348	7259015	2.3	5.5	1.1	8.3	22.2	29.1	---	---	0
J	7348.0	B?	439342	7259169	3.4	4.8	1.5	8.0	31.0	30.1	---	---	9
K	7402.6	B	439373	7261505	2.1	4.9	2.4	8.0	17.7	28.1	2.3	11	0
L	7429.4	D	439413	7262327	1.1	9.3	1.5	10.1	27.3	41.1	0.8	0	9
M	7437.5	D	439406	7262678	1.9	5.8	0.9	6.3	17.4	27.4	1.5	11	0
N	7444.2	B	439411	7262966	1.3	7.1	1.5	13.6	33.0	67.7	0.6	0	0
O	7447.1	B	439417	7263091	1.9	0.9	0.1	11.6	29.3	63.5	1.6	19	0
P	7454.6	B	439436	7263417	1.5	5.8	4.8	7.0	15.9	20.3	2.6	22	0
Q	7461.3	B	439458	7263711	1.7	3.6	5.6	11.9	32.1	45.1	3.0	30	9
R	7466.4	B	439471	7263924	0.9	2.6	0.5	0.6	6.3	13.4	---	---	0
S	7469.4	D	439476	7264050	1.5	3.6	0.3	2.6	6.4	32.0	1.6	31	0
T	7479.0	D	439471	7264441	7.7	9.8	7.3	10.5	27.8	21.4	5.6	22	0
U	7481.8	B	439466	7264555	7.8	7.8	7.3	15.2	39.4	36.2	5.5	25	0
V	7501.4	D	439452	7265259	2.2	7.2	2.1	7.9	15.9	38.4	1.8	15	0
W	7506.4	B	439459	7265433	1.6	8.8	0.1	10.6	28.9	49.3	0.7	0	705
X	7510.1	B	439466	7265565	0.4	5.5	0.6	11.3	25.8	54.3	0.5	0	0
Y	7525.0	D	439483	7266061	2.4	3.4	0.9	4.5	10.9	24.9	---	---	0
Z	7526.0	M	439483	7266100	2.4	3.4	6.7	4.5	8.9	24.9	---	---	434
AA	7528.6	D	439485	7266216	2.7	1.5	7.9	2.5	7.5	1.8	---	---	9
AB	7532.7	B	439493	7266401	4.8	2.5	8.6	1.3	4.5	5.8	---	---	0
AC	7537.0	B	439501	7266604	0.9	4.5	0.8	3.8	9.6	26.2	1.0	14	0
AD	7583.7	B?	439581	7268561	0.2	3.7	1.4	4.0	11.3	25.8	---	---	0
AE	7621.0	B	439608	7270017	1.8	3.1	4.3	2.5	4.2	17.7	4.4	59	109
AF	7630.3	S?	439609	7270434	1.6	3.7	4.4	5 1	3.8	37.4	---	---	41
AG	7659.9	D	439559	7271624	1.1	3.5	2.0	3.3	5.6	17.8	---	---	0
AH	7665.3	S?	439574	7271830	0.7	9.4	0.9	14.5	18.0	92.7	0.9	3	133
AI	7691.5	B?	439656	7272776	0.1	3.7	0.2	6.3	3.3	37.3	---	---	9
AJ	7722.4	B	439720	7273756	0.9	6.6	1.1	8.0	6.9	48.3	0.8	13	0
AK	7727.3	B	439720	7273933	2.5	6.3	2.1	5.3	16.3	27.2	2.4	28	0
AL	7806.7	B?	439771	7276778	0.5	2.2	0.7	1.1	2.8	4.0	---	---	2
AM	7820.1	B	439781	7277252	1.0	5.9	0.9	6.4	8.7	44.8	0.8	15	0
AN	7828.5	B?	439785	7277550	0.7	1.4	0.3	0.5	2.4	3.9	---	---	9
AO	7849.1	B?	439755	7278349	0.7	3.3	0.4	5.5	10.7	33.8	0.7	9	0
AP	7864.8	S	439771	7279043	1.1	5.6	0.5	7.9	15.3	45.3	0.7	2	0
AQ	7874.6	B?	439785	7279449	0.8	1.9	0.5	2.0	0.9	18.3	1.5	34	0
AR	7884.0	M	439794	7279860	2.2	1.3	0.1	3.4	1.7	19.9	---	---	185
LINE 20440													
A	8779.8	D	439523	7250025	7.2	18.4	11.8	22.7	58.9	94.3	4.0	6	7
B	8767.8	B	439525	7250543	6.8	9.3	6.5	11.5	44.9	35.9	4.5	26	7
C	8749.7	B	439515	7251346	0.3	0.9	0.1	0.2	0.9	0.3	---	---	0
D	8743.3	B?	439529	7251639	0.0	11.2	0.2	14.1	27.1	82.6	---	---	7

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

122.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20440													
E	8733.7	B?	439560	7252051	0.7	0.0	0.5	11.0	18.8	70.5	0.8	14	0
F	8730.1	B	439568	7252191	1.3	10.6	0.0	17.9	37.7	103.4	---	---	0
G	8726.6	B	439573	7252312	0.4	10.6	0.7	12.3	36.5	67.1	0.5	9	7
H	8722.0	B	439571	7252465	1.3	6.2	0.6	4.8	13.8	44.7	1.0	20	7
I	8699.8	D	439576	7253273	6.2	5.0	1.8	0.3	4.4	1.0	11.7	27	0
J	8696.9	B?	439576	7253375	0.7	2.6	3.2	5.6	2.4	41.9	---	---	0
K	8657.1	B?	439600	7254941	1.2	4.8	0.5	5.6	5.2	53.3	0.9	16	7
L	8654.5	B?	439605	7255041	0.3	3.4	1.2	4.1	0.7	40.4	---	---	0
M	8627.9	B	439652	7256088	0.9	6.6	1.2	6.5	0.9	57.1	0.9	21	0
N	8608.1	B	439668	7256855	0.8	3.1	1.2	6.5	2.4	55.5	1.1	27	7
O	8576.6	B	439749	7258168	1.3	4.1	1.0	6.9	10.9	50.4	---	---	0
P	8570.9	L	439756	7258381	0.6	6.0	0.2	8.5	8.4	55.0	0.5	5	0
Q	8540.1	B	439760	7259332	0.7	2.5	1.4	2.0	4.5	12.8	1.8	35	0
R	8533.3	B?	439763	7259570	1.6	3.1	0.7	2.1	5.4	20.6	2.3	46	7
S	8481.7	B	439695	7261598	4.2	5.8	4.6	18.6	40.5	73.0	3.1	6	7
T	8469.5	B?	439728	7262057	2.1	3.1	2.1	13.5	22.2	59.8	1.9	19	7
U	8462.9	B	439752	7262305	1.5	6.3	0.9	8.5	15.2	53.7	1.1	9	7
V	8451.8	D	439817	7262740	0.6	0.6	1.0	5.5	8.9	5.8	1.3	26	0
W	8444.5	B	439853	7263021	1.5	3.8	3.4	1.3	9.5	17.3	3.3	54	7
X	8436.0	B	439863	7263331	4.5	4.2	4.8	3.5	5.1	21.8	---	---	7
Y	8418.1	B	439852	7264042	1.0	3.9	0.3	2.6	6.0	17.3	0.9	14	5
Z	8411.0	B?	439850	7264352	0.4	2.3	6.8	0.5	5.3	16.9	---	---	0
AA	8406.4	B	439852	7264544	4.0	2.1	6.8	9.8	1.0	8.6	3.5	35	7
AB	8402.6	B	439855	7264706	2.1	5.1	1.6	7.0	15.5	24.1	2.1	17	150
AC	8388.1	B	439880	7265306	1.4	1.9	3.1	0.2	1.0	1.2	9.1	48	0
AD	8374.7	B?	439918	7265840	0.4	2.3	3.6	0.5	0.2	8.4	3.5	67	0
AE	8367.3	B	439928	7266086	3.4	6.8	3.0	12.2	35.7	55.2	2.6	12	0
AF	8346.9	B?	439932	7266788	1.6	4.0	0.9	5.1	8.3	27.9	1.6	24	0
AG	8298.0	B	439991	7268722	0.6	2.1	1.0	3.0	7.7	12.9	---	---	0
AH	8292.5	D	440007	7268910	1.5	3.2	0.6	3.0	2.0	15.4	---	---	7
AI	8254.7	S?	439966	7270254	1.8	3.1	2.6	2.6	2.1	21.5	---	---	43
AJ	8214.8	S?	440027	7271819	12.2	8.2	26.1	14.1	29.3	94.3	---	---	0
AK	8210.2	M	440048	7272010	0.4	5.4	0.2	9.7	2.2	58.8	---	---	0
AL	8186.6	B	440096	7273055	1.5	9.5	0.7	9.3	6.5	63.2	0.8	7	7
AM	8184.3	B?	440088	7273148	0.0	4.9	0.3	6.1	3.2	39.5	---	---	0
AN	8163.0	B	440030	7273800	1.4	5.5	1.8	9.0	13.1	45.7	1.3	22	0
AO	8157.2	B	440020	7273989	1.7	6.9	1.2	8.5	17.4	43.1	1.2	17	0
AP	8155.6	B	440017	7274043	2.6	6.9	1.2	5.2	12.7	29.7	2.0	26	7
AQ	8152.0	B	440014	7274173	1.0	3.9	1.0	2.5	0.2	18.3	1.5	34	0
AR	8114.8	B	440125	7275553	2.3	2.3	0.4	0.1	0.2	1.5	5.4	69	7
AS	8105.0	B?	440130	7275866	1.4	2.6	1.3	5.1	14.2	18.8	2.0	30	0
AT	8085.0	B	440135	7276695	0.4	3.2	0.4	5.7	11.9	32.8	0.5	0	0
AU	8080.9	B	440135	7276873	0.7	4.2	0.3	4.2	4.3	24.1	---	---	0
AV	8073.7	D	440131	7277164	0.6	1.6	0.6	0.7	2.2	2.1	---	---	0
AW	8040.9	B	440257	7278293	1.0	4.3	0.7	4.2	2.3	27.7	0.9	26	0
AX	8035.4	B	440298	7278470	2.1	1.3	1.0	0.5	8.7	0.2	---	---	7

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20440													
AY	8030.8	B	440317	7278636	0.7	4.7	1.1	3.1	11.7	16.2	1.0	11	7
AZ	8024.3	B	440306	7278905	2.6	8.8	0.7	10.8	13.8	69.6	---	---	0
BA	8015.0	B	440331	7279302	1.4	0.7	1.0	0.0	11.8	0.5	---	---	0
BB	8009.2	B?	440341	7279525	1.5	6.8	0.3	8.5	4.9	59.1	---	---	0
LINE 20450													
A	1369.7	D	439885	7251160	0.4	3.8	0.2	2.0	5.3	12.7	0.7	0	0
B	1358.9	B	439862	7251605	44.5	71.4	90.7	147.1	302.1	170.3	8.4	0	0
C	1356.9	B	439863	7251686	41.6	70.3	75.1	128.9	267.5	167.9	7.5	4	0
D	1331.4	B?	440004	7252576	0.7	3.0	0.1	4.9	8.3	32.1	---	---	0
E	1321.9	B?	440024	7252870	1.3	3.2	0.9	4.1	9.5	11.7	1.6	29	0
F	1278.2	B?	440035	7254428	1.2	3.4	2.2	3.8	8.0	27.7	---	---	0
G	1262.1	B?	440001	7254961	1.5	7.5	1.5	10.2	18.5	80.6	---	---	9
H	1253.0	B?	439994	7255268	1.0	4.8	0.9	9.2	10.6	61.3	---	---	0
I	1173.1	B?	440130	7258379	0.1	4.7	0.5	6.5	10.4	43.8	---	---	0
J	1166.0	L	440137	7258616	0.6	3.3	0.1	3.2	3.6	25.9	---	---	0
K	1154.3	B?	440124	7258985	1.3	0.5	1.0	0.1	7.2	1.3	---	---	0
L	1149.5	B?	440124	7259159	1.2	3.4	0.6	3.1	7.9	14.6	1.5	21	0
M	1108.5	S	440202	7260742	2.1	9.2	2.8	14.3	43.5	52.7	1.4	0	0
N	1100.1	B?	440233	7261063	0.8	2.8	0.1	2.0	6.8	12.6	---	---	0
O	1094.8	B	440242	7261273	2.0	0.7	0.7	2.1	1.4	18.4	7.4	65	0
P	1083.5	D	440212	7261732	0.4	3.6	2.9	6.9	21.1	18.7	1.0	0	9
Q	1067.9	B?	440190	7262255	3.4	7.1	1.7	11.1	20.9	59.0	2.2	19	0
R	1063.2	B?	440193	7262435	2.0	5.5	0.7	5.0	8.6	27.6	1.6	23	0
S	1037.6	B	440265	7263456	8.5	11.3	8.5	13.7	37.8	20.8	5.3	29	0
T	1034.5	B	440266	7263576	3.5	11.3	4.1	12.4	32.8	23.4	2.3	10	0
U	1030.6	B	440267	7263732	8.1	25.0	8.9	35.8	98.4	122.1	2.8	0	0
V	1026.7	B	440268	7263896	6.5	18.7	5.2	26.9	78.1	103.4	2.5	0	0
W	1011.6	B	440246	7264554	3.0	4.9	2.9	5.8	13.6	14.1	---	---	0
X	1006.4	D	440236	7264790	4.3	11.9	2.7	11.0	28.1	52.4	2.4	2	0
Y	1003.5	B?	440235	7264920	0.5	5.2	4.8	6.8	11.1	36.1	1.9	19	0
Z	994.7	B?	440253	7265309	6.2	7.1	9.2	10.0	33.3	44.6	7.1	25	135
AA	990.2	B?	440276	7265504	4.3	1.6	8.5	0.7	13.0	1.2	---	---	382
AB	981.0	M	440315	7265871	15.3	0.1	32.0	8.0	13.0	42.0	---	---	0
AC	971.8	B?	440331	7266225	10.7	4.7	12.0	5.7	10.8	30.8	---	---	0
AD	915.3	B	440390	7268401	0.0	4.7	0.2	5.6	3.0	37.8	---	---	0
AE	895.2	B	440416	7269098	2.0	8.9	1.4	10.4	11.2	69.6	1.2	11	0
AF	790.3	B	440486	7273343	0.5	1.8	0.1	1.0	1.3	6.4	---	---	0
AG	774.4	B?	440453	7273866	1.2	5.3	1.7	6.1	12.8	33.5	1.3	19	8
AH	765.0	B	440462	7274180	3.5	5.8	2.9	9.1	19.5	33.2	3.1	31	0
AI	762.1	B	440464	7274289	1.1	5.4	2.6	3.8	15.0	21.5	1.8	29	0
AJ	759.0	B	440465	7274411	3.5	7.0	2.3	3.2	14.1	8.6	2.6	51	0
AK	755.1	B	440467	7274570	2.8	7.7	1.8	10.2	18.4	42.0	1.9	17	8
AL	737.9	D	440492	7275305	0.8	1.3	0.4	1.3	1.9	9.7	---	---	0
AM	668.3	B?	440590	7278056	1.4	3.1	0.4	2.5	2.2	18.0	1.7	36	9
AN	663.0	B?	440601	7278239	0.5	1.4	0.4	0.4	0.0	4.8	---	---	9

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20450													
AO	657.8	B	440603	7278422	1.8	1.9	0.3	0.9	1.0	2.2	3.8	77	9
AP	653.7	B	440598	7278584	1.2	2.6	0.5	6.9	13.2	36.2	1.2	14	0
AQ	649.8	B	440594	7278743	0.7	6.2	0.6	9.3	13.2	50.9	---	---	6
AR	647.4	B	440596	7278850	1.3	8.3	0.4	9.3	17.3	57.3	0.7	0	4
AS	633.7	B?	440636	7279405	1.0	6.7	0.5	8.3	11.5	53.9	0.6	0	4
LINE 20460													
A	1482.1	B?	440336	7249823	3.4	12.0	4.9	20.4	47.2	69.4	2.0	0	0
B	1495.6	B	440345	7250356	2.1	4.9	3.4	9.3	29.5	28.5	2.4	23	0
C	1499.7	B	440348	7250503	0.4	2.2	0.1	0.1	29.5	3.8	---	---	0
D	1502.3	B	440351	7250596	1.8	7.6	0.3	2.2	5.1	22.6	1.3	16	0
E	1517.8	B	440375	7251148	0.2	1.7	1.6	3.3	0.8	10.2	1.4	42	0
F	1534.1	B?	440407	7251726	9.8	20.0	8.3	19.3	53.8	59.5	4.4	12	0
G	1538.0	B	440410	7251864	31.6	53.9	48.3	88.3	213.7	186.4	6.3	10	0
H	1541.0	B	440412	7251967	31.6	54.6	54.9	97.9	232.8	198.0	6.4	6	0
I	1556.4	B?	440406	7252472	0.7	6.1	0.7	3.5	8.7	36.7	0.6	5	0
J	1559.3	B	440406	7252567	0.6	7.4	0.7	8.6	22.0	61.1	0.5	3	0
K	1571.3	D	440366	7253009	2.3	9.3	1.1	7.0	14.0	42.8	1.4	9	0
L	1576.5	D	440348	7253210	0.5	6.8	1.6	7.2	22.8	37.8	0.7	5	0
LINE 20461													
A	1875.5	B?	440588	7259181	1.0	4.5	0.9	5.4	14.0	22.9	---	---	10
B	1915.7	B	440526	7260889	2.1	6.4	1.8	9.4	23.0	41.2	---	---	0
C	1923.1	B	440544	7261190	0.3	5.4	0.4	7.3	18.1	59.9	---	---	10
D	1931.0	B?	440579	7261505	0.4	2.5	0.0	4.4	7.3	36.3	---	---	0
E	1943.1	S	440608	7261922	1.9	4.8	1.8	11.1	22.3	64.0	---	---	10
F	1959.8	B?	440562	7262347	0.9	5.2	1.6	7.0	7.3	44.5	1.1	15	10
G	1971.1	B	440559	7262743	0.9	2.9	0.4	2.0	2.9	23.9	---	---	0
H	1981.0	B?	440583	7263087	0.7	2.4	1.1	6.9	6.5	60.6	---	---	0
I	1992.6	B	440668	7263480	4.3	7.2	6.1	13.2	34.7	31.9	---	---	0
J	1995.8	B	440691	7263588	4.3	13.2	6.3	20.2	54.9	93.8	2.5	8	0
K	2033.2	B	440705	7264930	6.2	16.9	7.5	25.1	53.6	116.0	3.5	6	10
L	2040.1	M	440701	7265179	3.1	6.6	8.4	15.5	28.3	2.0	---	---	0
M	2048.2	M	440693	7265464	1.6	8.0	7.7	16.0	48.4	60.8	---	---	28
N	2057.8	M	440686	7265788	7.9	1.4	1.3	1.8	1.7	12.4	---	---	632
O	2080.0	B?	440714	7266630	0.5	5.5	1.1	7.5	14.2	44.1	---	---	0
P	2086.7	D	440718	7266907	1.8	2.4	1.1	0.4	0.2	8.5	4.3	72	3
Q	2130.9	B	440746	7268602	0.5	6.0	1.0	8.7	13.2	55.0	0.5	1	10
R	2196.0	M	440797	7271207	0.2	2.3	0.7	4.9	6.7	28.5	---	---	0
S	2198.7	B	440795	7271315	1.3	4.6	3.0	1.1	2.2	8.3	2.3	65	0
T	2219.3	B?	440836	7272129	0.3	4.4	0.3	5.6	4.0	39.3	0.5	5	0
U	2271.1	B	440930	7274016	1.7	3.7	0.9	3.0	5.0	14.3	---	---	0
V	2277.2	B	440935	7274298	0.4	5.0	1.9	6.9	13.8	29.3	0.9	5	9
W	2287.8	D	440893	7274794	2.1	6.2	1.1	6.4	17.5	22.6	1.7	12	10
X	2330.1	S	440924	7276558	0.8	2.8	0.8	6.8	10.2	40.8	---	---	0
Y	2341.1	B	440934	7277016	0.4	2.3	1.0	1.8	4.8	14.0	---	---	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20461													
Z	2375.0	B?	440974	7278467	2.7	2.1	0.6	2.0	0.0	19.0	---	---	0
AA	2396.4	B?	440977	7279373	0.8	2.9	0.4	2.8	1.5	19.6	---	---	0
AB	2406.0	B	440979	7279755	1.0	3.9	0.5	4.2	8.6	20.2	---	---	10
LINE 20470													
A	3185.2	B	440756	7251834	0.9	3.6	7.6	10.3	23.0	3.2	2.6	33	0
B	3178.7	B?	440770	7252129	19.0	25.0	32.1	49.4	110.2	58.0	7.4	8	3
C	3175.5	B?	440776	7252279	16.5	24.1	19.7	42.3	100.2	67.7	5.2	15	0
D	3172.1	B?	440781	7252432	2.6	9.7	3.3	9.6	23.9	42.3	2.1	9	0
E	3160.0	D	440796	7252935	2.3	4.7	2.1	8.9	24.5	32.8	2.2	11	3
F	3153.7	B?	440807	7253168	1.7	5.6	0.7	2.6	6.0	17.0	1.5	14	0
G	3148.1	B?	440815	7253367	2.4	0.0	1.3	6.0	14.5	47.0	---	---	0
H	3142.6	B	440816	7253580	2.1	5.8	1.3	7.1	18.6	37.6	---	---	3
I	3120.4	B?	440815	7254461	1.4	4.1	0.7	7.4	14.0	46.4	1.1	15	0
J	3008.4	B	440922	7258947	2.1	2.9	1.8	5.7	14.6	23.0	---	---	0
K	3003.0	B?	440916	7259159	1.5	6.6	2.0	7.2	21.7	30.4	1.4	9	0
L	2999.7	B	440915	7259280	1.1	4.0	1.8	4.4	13.5	18.7	---	---	3
M	2952.4	B?	441028	7261114	1.9	5.7	2.8	14.2	30.2	69.6	1.7	10	3
N	2942.8	B	441043	7261494	1.2	5.5	1.2	6.9	0.9	71.3	---	---	0
O	2904.9	B?	440992	7262843	0.9	6.9	0.3	9.6	4.2	79.6	0.5	12	0
P	2901.7	B	440993	7262978	0.6	2.1	2.3	1.3	2.6	17.7	2.1	86	0
Q	2890.5	D	440993	7263473	7.4	25.5	4.8	32.8	98.8	168.6	2.1	2	0
R	2878.0	S	441014	7264057	1.8	6.2	2.1	13.0	30.6	59.9	1.4	12	3
S	2872.9	B	441035	7264300	0.2	2.5	3.6	26.4	48.1	137.4	---	---	0
T	2868.0	S	441052	7264530	1.8	15.4	1.7	29.3	59.4	144.6	0.7	0	10
U	2856.1	S	441111	7265075	5.9	19.6	5.4	33.5	96.5	111.7	2.1	0	0
V	2854.5	B?	441120	7265146	4.1	12.0	4.8	15.1	39.8	60.5	2.5	0	0
W	2842.4	M	441137	7265661	5.8	4.3	1.1	9.9	19.8	47.6	---	---	150
X	2836.3	B	441118	7265912	6.1	7.4	7.8	8.9	18.7	47.4	---	---	0
Y	2829.6	D	441100	7266191	1.2	6.7	0.3	4.4	2.1	35.7	0.7	12	3
Z	2824.1	B?	441086	7266417	0.3	2.1	1.1	4.2	8.7	31.1	---	---	0
AA	2809.2	S	441075	7267050	1.8	9.6	0.5	13.7	27.8	87.1	0.8	8	0
AB	2806.4	B?	441080	7267175	1.2	4.3	0.0	3.4	4.9	26.0	1.0	25	3
AC	2798.8	B	441105	7267512	1.1	2.5	1.4	0.7	5.7	3.9	---	---	2
AD	2713.6	B?	441253	7271003	0.4	1.7	0.5	2.4	0.4	11.8	---	---	134
AE	2706.7	B	441237	7271260	1.8	3.2	4.2	3.7	8.2	24.5	---	---	0
AF	2702.7	B?	441228	7271406	0.8	2.3	0.5	1.3	2.7	7.6	1.4	43	0
AG	2685.1	B?	441202	7272135	0.6	3.3	0.4	5.6	9.7	34.6	---	---	0
AH	2657.2	B?	441267	7273342	0.2	3.1	0.1	3.8	0.8	28.7	---	---	0
AI	2653.0	B?	441282	7273509	0.8	3.1	0.2	3.9	2.7	25.5	---	---	0
AJ	2630.5	B?	441334	7274296	0.0	4.4	0.7	5.9	5.6	35.5	---	---	0
AK	2625.3	B?	441340	7274498	0.8	2.4	0.4	2.2	3.1	16.2	---	---	0
AL	2597.3	B	441320	7275611	0.4	1.7	0.1	1.8	2.3	12.1	---	---	3
AM	2592.8	B	441311	7275783	1.7	2.1	0.6	0.7	5.5	6.6	3.3	79	3
AN	2573.9	S	441321	7276591	0.9	3.2	0.3	2.8	0.8	20.0	---	---	2
AO	2551.8	B?	441333	7277508	1.0	4.1	1.3	8.6	16.1	44.8	---	---	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20470													
AP	2543.0	B	441351	7277841	0.9	4.1	0.7	3.8	6.6	21.6	1.0	13	0
LINE 20480													
A	3310.6	B?	441139	7249851	5.6	9.4	4.4	14.7	42.9	45.1	3.5	8	0
B	3320.7	B	441157	7250251	8.0	11.5	8.1	14.8	37.1	35.1	4.3	26	2
C	3324.2	B	441162	7250383	9.9	15.1	13.8	29.1	71.2	49.3	4.1	19	3
D	3331.1	B	441166	7250636	5.6	8.3	6.0	10.1	29.8	45.4	4.1	33	0
E	3335.0	B	441164	7250787	5.6	2.6	6.0	10.1	29.8	45.4	9.3	39	3
F	3340.4	B	441171	7250973	2.2	5.0	0.4	9.6	26.9	45.9	1.4	18	3
G	3349.7	B?	441172	7251305	3.6	5.8	1.0	5.0	20.1	13.7	---	---	3
H	3367.7	B	441153	7251911	1.3	7.7	4.5	11.2	23.0	48.0	1.7	16	3
I	3375.0	B?	441144	7252136	1.0	0.4	1.0	0.0	0.2	9.2	---	---	2
J	3378.6	B	441138	7252258	9.0	18.0	5.3	12.3	34.7	39.9	4.2	15	0
K	3382.4	B	441134	7252397	16.0	27.0	31.6	56.6	136.9	86.0	5.3	9	0
L	3392.7	B?	441150	7252773	5.9	5.7	6.8	8.0	16.4	15.8	7.4	31	0
M	3400.1	B	441169	7253058	1.9	2.0	5.4	0.2	7.5	1.1	18.1	48	3
N	3402.6	B	441177	7253158	2.0	6.0	3.6	1.8	18.5	21.2	---	---	3
O	3408.0	B	441195	7253377	1.4	6.5	1.6	9.4	28.4	56.7	1.2	10	3
P	3413.6	B?	441213	7253609	0.2	1.3	0.2	0.7	0.3	7.8	---	---	0
Q	3416.3	B	441219	7253726	1.3	3.8	1.0	4.0	9.3	24.9	1.7	28	0
R	3419.0	B	441226	7253837	1.4	7.3	0.9	9.3	26.9	33.0	0.9	4	0
S	3433.9	B	441248	7254402	2.2	8.4	0.2	10.6	8.2	73.3	1.0	10	0
T	3439.3	B	441237	7254616	1.6	3.4	1.4	5.3	15.5	21.0	---	---	3
U	3446.3	B?	441237	7254904	0.1	7.2	0.8	9.0	13.3	50.9	0.5	3	3
V	3508.8	S	441253	7257474	0.2	3.1	1.0	5.2	8.8	33.9	---	---	0
W	3554.5	B?	441305	7259388	3.6	9.2	5.9	16.1	47.3	57.1	2.8	11	1
X	3571.2	B?	441332	7260100	0.3	2.6	1.3	2.0	7.1	7.7	---	---	0
Y	3583.0	S?	441333	7260604	0.1	3.5	3.0	5.5	5.4	42.6	---	---	0
Z	3599.9	L	441343	7261310	4.7	14.9	7.6	25.1	68.6	57.7	2.5	0	3
AA	3602.3	L?	441344	7261414	12.1	22.8	40.6	51.5	158.7	147.5	6.6	7	0
AB	3646.6	D	441426	7263257	1.4	2.2	0.8	4.2	13.5	22.7	2.0	32	0
AC	3653.4	B	441441	7263563	3.8	6.4	4.7	7.5	22.3	11.7	3.2	34	3
AD	3657.2	B	441448	7263738	4.0	6.0	3.5	10.2	32.6	35.3	---	---	0
AE	3664.1	B?	441469	7264041	0.6	1.7	0.4	1.4	1.8	7.6	---	---	2
AF	3671.7	B	441500	7264371	2.3	4.6	1.1	4.7	12.0	15.3	---	---	0
AG	3688.3	B	441512	7265074	5.8	12.6	5.7	18.8	50.0	80.0	3.2	4	207
AH	3710.4	B	441473	7265955	1.6	3.6	1.4	3.8	15.2	20.9	2.2	29	2
AI	3716.5	B?	441467	7266168	0.5	2.5	1.5	5.6	9.7	34.2	1.2	22	0
AJ	3827.9	B?	441623	7270680	0.7	2.3	0.6	2.0	1.6	16.3	---	---	14
AK	3851.3	M	441594	7271515	1.1	3.5	3.8	5.2	6.0	23.3	---	---	83
AL	3869.2	B?	441616	7272213	0.6	6.2	1.1	10.3	15.1	66.3	0.5	9	0
AM	3885.5	B	441632	7272784	0.4	1.6	0.3	1.6	1.8	13.3	---	---	0
AN	3918.8	B	441665	7273986	1.3	1.0	0.1	0.7	0.3	3.4	---	---	0
AO	3932.7	B?	441667	7274593	0.1	2.2	0.3	2.9	5.5	18.6	---	---	0
AP	3982.1	D	441683	7276635	0.5	1.5	0.9	2.5	8.9	23.8	1.5	50	3
AQ	4005.0	B?	441739	7277505	0.5	2.2	0.7	1.9	4.6	10.3	---	---	3

CX = COAXIAL
CP = COPLANAR

JOB 659

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 20480													
AR	4037.3	B?	441808	7278872	0.2	6.9	0.2	6.4	7.4	49.8	0.5	7	11
AS	4047.8	B	441836	7279266	0.9	2.8	1.3	0.8	3.5	4.8	---	---	3
AT	4054.1	B	441856	7279492	1.1	3.4	0.4	4.7	6.6	29.0	---	---	3
LINE 20490													
A	1124.0	B?	441548	7250628	4.1	8.0	7.6	13.0	28.1	47.4	---	---	0
B	1141.7	B	441575	7251319	2.2	5.3	3.0	7.5	10.2	29.5	2.6	9	1
C	1144.9	L?	441585	7251446	5.5	11.3	2.6	11.6	30.0	44.7	2.9	2	0
D	1167.4	B?	441607	7252284	0.1	1.4	0.6	1.5	0.7	9.1	---	---	0
E	1172.0	B?	441591	7252441	4.6	13.2	3.7	12.1	35.8	43.2	2.6	0	0
F	1179.7	B	441588	7252639	18.2	32.8	35.4	49.1	96.0	57.5	6.2	6	0
G	1186.4	B	441598	7252737	15.3	23.2	0.7	16.0	40.6	82.5	3.5	26	0
H	1194.7	B	441600	7252849	7.3	8.5	17.4	37.8	96.5	149.0	4.4	27	1
I	1199.4	B	441602	7252917	24.5	59.9	11.3	54.8	138.2	254.7	4.3	6	0
J	1205.9	B	441603	7253012	3.3	13.2	12.1	60.3	119.9	226.4	---	---	0
K	1212.6	B	441602	7253112	7.3	9.6	6.0	14.7	24.6	57.6	4.0	36	0
L	1245.9	B?	441495	7254064	1.1	6.1	1.2	8.9	19.6	40.7	0.9	0	0
M	1259.6	D	441585	7254652	0.6	2.7	0.1	3.1	0.2	24.8	0.7	6	0
N	1298.3	B?	441671	7256387	1.6	5.7	1.6	5.6	11.0	44.2	1.6	21	1
O	1484.8	B	441828	7263748	4.4	2.1	6.2	0.9	3 6	3.5	---	---	0
P	1489.7	B	441827	7263941	1.5	13.0	2.9	13.4	27.7	98.6	1.0	0	1
Q	1492.7	B	441827	7264055	0.0	10.0	2.6	12.4	28.2	100.8	0.6	2	0
R	1497.6	B?	441828	7264229	1.0	1.7	0.7	1.7	0.9	1.8	1.7	86	0
S	1503.9	D	441831	7264448	1.0	5.2	1.6	8.4	16.8	35.0	1.1	11	4
T	1519.6	D	441878	7264986	9.6	32.4	8.1	51.5	122.8	220.4	2.4	0	0
U	1537.1	B?	441932	7265497	4.2	6.9	4.2	7.4	28.6	16.0	3.0	31	0
V	1540.8	B?	441938	7265632	1.3	13.5	9.2	22.1	54.9	73.3	1.8	3	0
W	1567.3	B?	441841	7266502	2.0	0.8	2.3	5.4	11.0	10.2	4.9	59	0
X	1570.5	B	441847	7266611	0.5	1.6	0.0	0.2	5 3	3.9	---	---	1
Y	1579.5	B?	441879	7266933	1.2	6.8	2.4	13.1	27.1	57.8	---	---	0
Z	1584.8	B	441894	7267112	1.0	1.7	1.5	4.4	7.1	10.1	---	---	0
AA	1619.5	B	441968	7268184	3.0	7.6	2.3	10.9	17.6	35.7	2.1	21	1
AB	1627.1	B	441969	7268470	6.4	17.6	7.4	26.1	64.6	79.2	2.9	5	1
AC	1706.3	B	442060	7271820	2.0	3.2	0.5	5.5	11.5	31.4	---	---	0
AD	1720.2	B	442080	7272449	0.4	3.4	0.8	3.5	7.1	17.8	0.7	0	0
AE	1763.9	B	442055	7274446	1.1	2.6	0.4	5.4	12.1	26.9	1.1	11	1
AF	1768.3	B	442044	7274660	0.2	1 2	0.1	0.0	3.5	0.1	---	---	0
AG	1776.7	D	442048	7275073	1.0	2.2	0.6	2.1	2.3	12.0	---	---	1
AH	1806.3	B?	442182	7276474	1.5	4.1	0.1	6.0	13.9	33.2	1.1	2	0
AI	1820.9	D	442114	7277074	1.0	1.2	0.2	0.7	2.2	1.2	2.3	83	0
AJ	1857.8	B	442219	7278803	1.1	3.0	0.4	2.7	4.9	21.4	---	---	0
AK	1876.4	D	442163	7279644	2.0	4.0	0.2	4.0	11.3	13.0	1.9	9	0
LINE 29010													
A	564.8	M	422626	7279702	0.4	0.1	1.8	3.3	1.1	14.1	---	---	165
B	505.1	B?	425320	7279598	0.8	1.9	0.5	1.5	2.6	8.7	1.5	43	2

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM	YUTM	CX 1104 HZ		CP 877 HZ		CP 7180 HZ		Vertical Dike		Mag. Corr
					Real	Quad	Real	Quad	Real	Quad	COND	DEPTH*	
			m	m	ppm	ppm	ppm	ppm	ppm	ppm	siemens	m	NT
LINE 29020													
A	734.3	S	423385	7275025	8.2	57.3	15.8	103.6	292.7	449.7	1.9	0	1
B	740.4	S	423621	7274973	2.7	17.6	11.5	89.2	240.4	413.4	1.3	0	0
C	761.3	S	424473	7274863	4.6	26.4	9.2	56.6	170.5	235.6	1.6	0	1
D	860.4	B	428519	7274753	0.4	2.6	1.1	1.3	0.2	10.4	---	---	1
E	864.5	B?	428651	7274749	0.8	5.3	0.6	7.1	5.5	47.4	0.6	11	0
F	880.8	B	429117	7274745	0.3	5.1	0.1	6.1	1.7	39.3	---	---	1
G	1080.4	B?	436128	7274586	1.1	7.3	0.8	12.1	9.0	81.4	---	---	0
H	1102.2	B	436955	7274597	1.0	4.0	0.9	7.9	4.5	57.6	0.9	19	0
LINE 29021													
A	756.6	B	436958	7274570	0.6	3.0	0.1	3.1	6.6	23.5	0.7	8	0
B	802.6	B	438637	7274513	2.8	3.2	1.3	2.7	5.7	8.2	3.8	43	0
LINE 29030													
A	1471.2	B?	426306	7269947	0.9	6.0	1.0	9.1	13.7	56.0	---	---	0
B	1444.5	B	427310	7269960	1.3	7.8	2.4	12.7	28.9	63.2	1.1	2	0
C	1423.2	B	428206	7269823	3.4	2.8	10.1	1.8	7.0	5.8	---	---	224
D	1312.2	B	432811	7269786	4.4	8.7	9.0	14.8	42.8	50.0	3.2	32	0
E	1302.4	B?	433251	7269803	14.8	21.5	23.9	44.2	115.6	92.1	5.6	14	8
F	1250.2	M	435401	7269690	0.1	2.6	5.2	5.6	1.8	37.1	---	---	374
G	1213.5	S?	436775	7269743	2.2	7.6	2.4	15.2	12.6	99.0	1.6	17	25
H	1206.9	B?	436999	7269748	1.1	1.3	2.5	4.7	10.4	14.7	---	---	0
I	1203.0	B	437127	7269742	2.6	4.9	3.5	11.1	27.2	59.2	---	---	0
LINE 29040													
A	643.3	B?	422511	7265237	0.3	1.7	1.2	1.5	1.9	9.5	---	---	0
B	658.5	B	423055	7265220	0.1	2.1	0.5	2.0	0.5	11.7	---	---	0
C	665.3	B?	423314	7265209	1.9	3.2	0.6	3.9	15.8	17.1	2.1	11	0
D	669.4	B	423470	7265206	2.3	6.0	0.8	10.0	34.5	45.8	1.5	0	0
E	756.0	M	426781	7265100	0.2	4.3	2.8	6.5	9.3	32.9	---	---	97
F	764.6	L?	427061	7265085	3.0	3.8	11.3	2.2	3.0	16.2	17.9	36	21
G	771.2	M	427255	7265081	3.7	6.7	9.8	12.1	20.4	62.7	---	---	21
H	774.3	B?	427348	7265081	3.4	8.7	11.7	13.1	20.0	70.1	3.8	38	21
I	777.2	M	427437	7265084	0.3	0.8	1.1	1.5	0.3	3.4	---	---	172
J	786.3	B?	427725	7265089	0.9	3.2	2.6	5.6	4.8	39.4	1.9	33	21
K	800.5	B	428167	7265128	1.7	7.5	3.5	11.5	8.4	63.2	1.7	16	0
L	801.5	M	428197	7265130	1.7	7.5	10.3	12.4	14.9	63.2	---	---	84
M	809.1	B	428446	7265132	4.3	3.7	11.1	3.3	11.2	20.9	---	---	21
N	818.8	M	428757	7265119	1.1	1.1	2.5	0.6	2.9	1.3	---	---	188
O	829.5	B?	429097	7265082	4.6	21.0	11.5	37.5	64.1	141.3	2.5	5	41
P	834.6	B	429264	7265067	4.6	19.7	19.9	38.4	91.6	143.2	2.6	5	0
Q	837.2	B	429352	7265059	5.5	27.3	14.2	51.7	132.7	177.3	2.4	0	21
R	850.8	B?	429871	7265031	7.3	15.9	13.0	27.6	61.6	82.0	4.2	9	0
S	854.7	B	430039	7265029	5.3	9.2	6.2	32.4	72.1	102.4	2.7	9	0
T	861.8	B	430332	7265032	28.8	26.1	25.1	28.6	78.0	34.6	13.8	4	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

					CX 1104 HZ		CP 877 HZ		CP 7180 HZ		Vertical Dike		Mag. Corr
Label	Fid	Interp	XUTM m	YUTM m	Real ppm	Quad ppm	Real ppm	Quad ppm	Real ppm	Quad ppm	COND siemens	DEPTH* m	NT
LINE 29040													
U	865.1	B	430468	7265033	11.8	11.1	32.3	30.0	78.0	18.8	12.7	11	0
V	875.0	M	430831	7265034	2.7	7.7	6.6	10.5	19.9	53.5	---	---	0
W	887.2	S?	431194	7265021	0.6	5.4	1.0	10.9	13.3	68.1	---	---	0
X	942.8	M	433173	7264963	0.7	2.6	1.0	4.4	1.4	28.4	---	---	262
Y	951.8	B	433434	7264963	1.2	3.7	3.5	6.9	14.0	36.8	2.2	20	0
Z	970.5	B	433927	7264963	0.1	2.3	1.5	4.1	8.2	22.6	0.9	6	0
AA	997.0	M	434783	7264938	0.0	2.9	0.4	3.7	1.1	23.6	---	---	0
AB	1001.7	B	434968	7264944	5.0	7.6	6.5	9.9	13.1	63.3	4.2	36	21
AC	1024.2	B?	435873	7264912	0.8	2.8	0.6	9.2	22.7	55.3	0.8	15	21
AD	1034.4	B	436262	7264902	4.0	8.8	7.2	13.3	38.1	47.2	3.7	21	0
AE	1041.7	B?	436537	7264898	0.1	1.7	0.8	1.1	1.6	12.8	---	---	454
AF	1059.6	B?	437196	7264899	1.0	2.7	0.5	1.5	4.8	6.1	1.6	39	0
AG	1130.5	M	439972	7264818	1.4	3.3	3.2	4.9	7.8	19.3	---	---	208
AH	1150.9	B?	440864	7264778	2.4	8.0	4.0	15.9	25.3	51.4	1.9	11	21
AI	1162.3	B?	441366	7264791	1.4	6.7	3.9	14.0	0.5	83.7	2.0	12	40
LINE 29050													
A	2000.9	S?	422189	7260376	0.6	11.4	1.3	19.0	26.5	115.6	0.5	0	0
B	1928.0	L	425026	7260325	25.5	21.7	11.0	15.2	34.4	38.9	12.9	12	63
C	1858.7	B	427696	7260243	2.5	0.3	0.5	1.0	1.7	6.5	---	---	0
D	1724.0	B?	431554	7260133	1.2	4.9	5.5	9.3	5.0	60.1	---	---	21
E	1695.8	B	432125	7260143	0.7	3.8	0.7	4.3	11.2	22.2	---	---	0
F	1594.9	B	435362	7260105	1.5	1.1	0.1	0.3	0.1	0.6	7.1	90	0
G	1588.5	B?	435573	7260088	1.4	2.6	0.6	7.4	12.6	43.4	---	---	5
H	1554.1	S	436786	7260035	1.6	7.5	1.3	12.4	41.8	48.3	---	---	5
I	1540.1	B?	437315	7260046	0.5	3.0	0.1	3.4	4.9	22.2	---	---	0
LINE 29060													
A	2190.5	D?	421687	7255555	0.4	1.1	0.7	1.1	1.2	7.0	---	---	4
B	2253.1	B	424011	7255547	1.9	6.3	2.5	7.3	13.5	31.5	1.9	9	0
C	2262.6	B?	424382	7255536	3.7	6.3	6.9	11.5	28.7	20.4	---	---	18
D	2355.4	B	427673	7255438	1.7	2.1	1.5	2.1	4.1	4.5	3.4	60	0
E	2381.1	B	428536	7255385	7.9	3.5	18.1	8.4	17.4	9.0	---	---	3
F	2389.0	B	428784	7255391	4.1	1.2	12.8	1.8	15.5	1.4	---	---	0
G	2404.8	B	429229	7255404	1.6	3.9	3.4	2.0	11.2	19.5	3.0	52	0
H	2420.9	L	429830	7255425	23.0	17.2	16.8	14.7	38.2	19.1	17.1	12	3
I	2529.8	D	434243	7255311	4.2	7.6	2.6	7.5	18.1	24.4	3.3	19	3
J	2534.2	D	434395	7255306	2.8	6.0	5.0	14.0	35.9	33.8	2.7	18	3
K	2559.8	B?	435239	7255248	2.5	9.2	1.8	12.5	20.9	83.0	1.5	9	2
L	2710.9	B?	441019	7255108	0.8	5.2	0.2	5.3	2.3	48.6	0.5	5	0
LINE 29070													
A	3441.3	B	422747	7250712	1.3	2.2	0.6	4.5	9.9	29.5	---	---	0
B	3378.8	B?	425235	7250676	1.3	1.9	0.1	1.9	4.2	11.7	---	---	0
C	3313.5	B?	427647	7250605	0.6	3.3	0.5	4.0	5.7	25.8	---	---	1
D	3294.2	B?	428175	7250581	0.7	5.8	1.8	9.0	21.4	35.4	0.8	10	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.

Label	Fid	Interp	XUTM m	YUTM m	CX 1104 HZ Real ppm	CX 1104 HZ Quad ppm	CP 877 HZ Real ppm	CP 877 HZ Quad ppm	CP 7180 HZ Real ppm	CP 7180 HZ Quad ppm	Vertical Dike COND siemens	Vertical Dike DEPTH* m	Mag. Corr NT
LINE 29070													
E	3192.7	B?	431397	7250456	1.9	4.7	3.2	14.4	38.4	62.0	---	---	0
F	3159.5	B	432572	7250508	0.9	9.3	0.9	14.5	25.2	82.1	0.6	7	0
G	3135.0	B	433366	7250501	0.8	1.1	0.3	8.0	13.8	46.2	0.8	16	1
H	3130.2	B?	433521	7250491	0.5	7.1	2.0	3.3	18.0	23.0	0.9	13	0
I	3125.5	B	433675	7250473	3.2	7.0	2.0	7.5	20.7	31.3	2.6	22	1
J	3119.6	B	433868	7250458	1.8	7.8	8.9	7.5	13.6	37.0	2.7	44	0
K	3114.8	L	434036	7250439	20.7	5.7	7.8	5.9	14.8	33.0	50.5	17	215
L	3100.0	B?	434572	7250393	2.2	10.9	0.7	17.3	36.0	97.0	---	---	0
M	3086.0	D	435035	7250378	1.9	5.5	1.1	7.5	12.2	37.5	1.4	17	0
N	3079.5	B?	435241	7250386	1.2	1.3	0.5	0.5	0.9	0.3	3.5	83	0
O	3069.5	B	435547	7250426	0.7	2.8	0.5	2.3	2.3	14.6	---	---	0
P	3034.4	B?	436653	7250387	0.1	3.3	0.3	3.9	10.1	23.6	0.5	0	0
Q	2958.3	B	439058	7250344	0.7	7.8	0.1	7.1	14.2	47.4	0.5	1	0
R	2947.5	B?	439401	7250321	2.9	9.4	10.0	16.0	35.4	50.5	3.5	10	0
S	2941.4	B?	439603	7250313	6.4	7.8	10.2	16.7	26.4	18.8	---	---	0
T	2935.0	B	439815	7250307	3.8	12.9	3.9	14.7	32.3	66.5	2.2	1	0
U	2904.7	D	440886	7250283	0.8	6.2	4.3	2.1	12.1	45.8	2.2	17	0

CX = COAXIAL
CP = COPLANAR

Note: EM values shown above are local amplitudes

EM Anomaly List

* Estimated Depth may be unreliable because the stronger part of the conductor may be deeper or to one side of the flight line, or because of a shallow dip or magnetite/overburden effects.