

# MAR 19980006: HINTON

Received date: May 11, 1998

Public release date: May 12, 1999

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19980006  
MIW/9806

## ASSESSMENT REPORT

**NEW CLAYMORE RESOURCES LTD.  
METALLIC AND INDUSTRIAL MINERAL PERMITS  
9393031005, 9393031008, 9396010061, 9396010066,  
9396010089, 9396070013, 9396070019, 9396100004  
HINTON AREA, WEST-CENTRAL ALBERTA**

Geographic Co-ordinates  
53° 50' 00" to 54° 25' 00" N  
117° 25' 00" to 117° 45' 00" W

NTS Map Areas  
83 F/13, F/14  
83 K/3, K/4, K/5

New Claymore Resources Ltd.  
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Edmonton, Alberta T6G 0V6

May, 1998

T. Faragher  
B. Ryziuk

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9393031005, 9393031008, 9396010061, 9396010066,  
9396010089, 9396070013, 9396070019, 9396100004  
HINTON AREA, WEST-CENTRAL ALBERTA**

**1. SUMMARY**

Metallic and Industrial Mineral (MAIM) permits 9393031005, 9393031008, 9396010061, 9396010066, 9396010089, 9396070013, 9396070019, and 9396100004 (the Hinton Permits) are within topographic map areas 83 F/13, F/14, 83 K/3, K/4, and K/5, and located about 275 km northwest of the City of Edmonton in west-central Alberta. MAIM permits 9393031005, 9393031008, 9396010061, 9396010066, 9396070013, and 9396070019 are held in the name of New Claymore Resources Ltd. (NCR), permit 9396010089 is held in the name of Montello Resources Ltd. (Montello), and permit 9396100004 is held jointly by NCR and Montello.

The Precambrian basement underlying the Hinton Permits is interpreted as belonging to the lower Proterozoic Wabamun and Chinchaga basement domains which are separated by the northeast trending Snowbird Tectonic Zone. Bedrock geology consists of up to 1,000 m of Paleocene Paskapoo Formation non-marine sandstone interbedded with siltstone, mudstone, conglomerate, coal, and bentonitic shale. Glacial deposits are widespread throughout the area and consist dominantly of ground moraine interpreted as having a Cordilleran source. Although the drift thickness is relatively thin, bedrock exposure is sparse and generally restricted to scattered outcrops on hill tops and banks of incised river valleys.

During the period November and December, 1997, field work was conducted by NCR personnel on the Hinton Permits. Fieldwork included 41.95 line-km of grid surveying and 38.15 line-km of ground magnetometer geophysical surveying over eight grid areas. The ground geophysical surveys were initiated to follow-up aeromagnetic and seismic targets suggestive of kimberlitic intrusives.

Seven of the eight grid areas surveyed displayed magnetic geophysical patterns duplicating the regional background magnetics. Several near surface magnetic features are expressed by weak, multiple-station, single line positive magnetic responses which are not believed to be characteristic of intrusive sources. A two line, three peak magnetic anomaly about 220 m x 100 m with a maximum amplitude of about 12 nT located on Grid 3 exists along the edge of a logging clear cut within a topographic depression. The anomaly is similar in shape and amplitude to magnetic anomalies previously identified and tested by diamond drilling during exploration work conducted by Kennecott Canada Exploration Inc. (Kennecott) in the same geographic area; the diamond drilling did not identify

any kimberlitic intrusives. Therefore, it is uncertain if the anomaly represents a mafic intrusive, or the concentration of magnetic minerals or epigenetic magnetite within the sandstone bedrock.

Follow-up work on Grid 3 and additional exploration for kimberlitic intrusives on the Hinton Permits is warranted and should include: a) acquisition of petroleum and coal seismic geophysical data available publicly and through private brokers; b) acquisition, compilation, and interpretation of digital elevation data, Landsat, and aerial photographs; c) stacked profiling and re-interpretation of existing aeromagnetic geophysical data; d) bedrock sampling and analysis of NCR joint venture partner diamond drill core for diamond indicator minerals to aid in determining the provenance of the numerous diamond inclusion field mineral grains and microdiamonds recovered in the Hinton area; e) geophysical surveys to truth any anomalies identified; and if warranted, f) testing of any anomalous areas by diamond drilling.

## **2. INTRODUCTION**

The first documented discovery of kimberlite or lamproite in the Western Canada Sedimentary Basin include the Cross kimberlite discovered in 1955 near Elkford, British Columbia, and the Jack, Mark, and other diatremes discovered near the Alberta-B.C. border north of Golden, B.C. during the early 1980's. Subsequently, over 40 kimberlites have been discovered near Fort a la Corne, Saskatchewan; a kimberlite has been identified near Mountain Lake about 75 km northeast of Grande Prairie, Alberta; and to date, 21 kimberlites have been reported in the Buffalo Head Hills of north-central Alberta.

This assessment report includes information on and results of exploration completed by NCR on MAIM permits 9393031005, 9393031008, 9396010061, 9396010066, 9396010089, 9396070013, 9396070019, and 9396100004 in the Hinton area during the period November and December, 1997. Exploration activities including grid surveying and ground magnetometer geophysical surveys were directed at the discovery of magnetic features indicative of kimberlitic intrusives.

## **3. GEOGRAPHIC SETTING**

### **3.1 LOCATION, ACCESS, INFRASTRUCTURE**

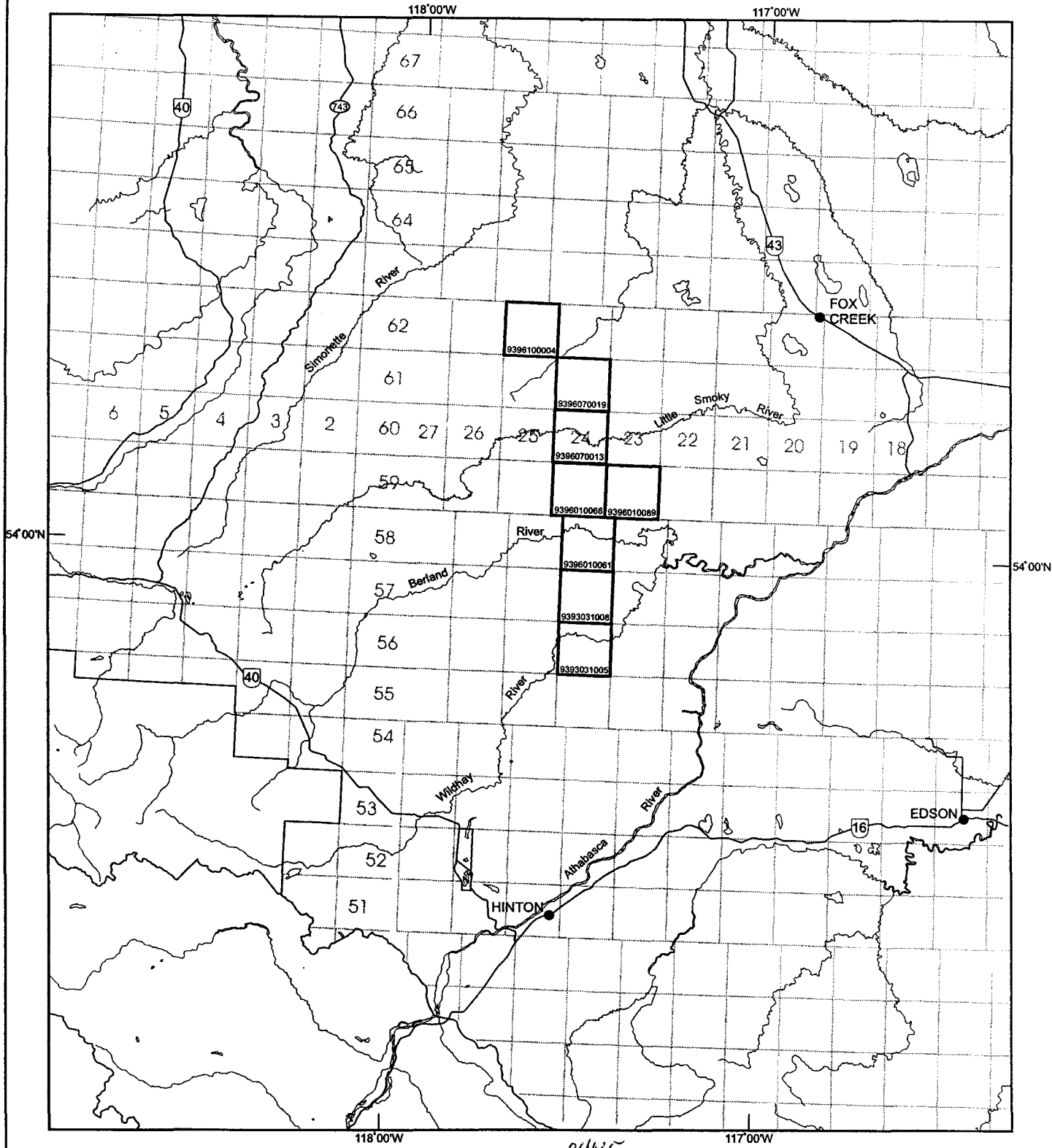
MAIM permits 9393031005, 9393031008, 9396010061, 9396010066, 9396010089, 9396070013, 9396070019, and 9396100004 are located between 53° 50' to 54° 25' north latitude and 117° 25' to 117° 45' west longitude, within NTS map areas 83 F/13, F/14, 83 K/3, K/4 and K/5, west-central Alberta (Figure 1). The permits are about 275 km west of the City of Edmonton, and about 55 km north of the Town of Hinton.

The southern permits are accessible by vehicle by driving about 90 km north from Hinton along graveled Weldwood logging roads and then locally via oil and gas service roads. The northern permits are accessible from the Town of Valleyview by driving south for about 50 km along paved Highway 43, then southwest for about 60 km along the Snuff Mountain oil and gas service road. Seismic lines and logging tracks provide all terrain vehicle or snow-machine access to remote areas on the permits.




Infrastructure within the area includes accommodations, food, supplies, and vehicle rental at Hinton, and accommodation, food, and supplies at Valleyview. Economic activities in the area are dominated by logging, oil and gas exploration and development, and sparse agriculture.

### **3.2 TOPOGRAPHY, VEGETATION, CLIMATE**

The Hinton Permits are within the Alberta Plateau Benchland physiographic region of Canada, which borders the eastern margin of the Rocky Mountain Foothills (Vogwill, 1979). Topographic relief is moderate with elevations ranging from 900 metres to 1,300 metres above mean sea level. The region



**SYMBOLS**

-  Metallic and Industrial Mineral Permit; permit number
-  HINTON • City or town; name
-  Highway

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**FIGURE 1  
LOCATION AND ACCESS**



Kilometers  
May, 1998

has been affected by several periods of glaciation and post-glacial fluvial processes which have generated a geomorphology comprised of broad hills separated by incised river valleys. Glacial deposits blanket the area and bedrock exposures are generally restricted to the upper elevations of ridge tops and cut banks within river valleys.

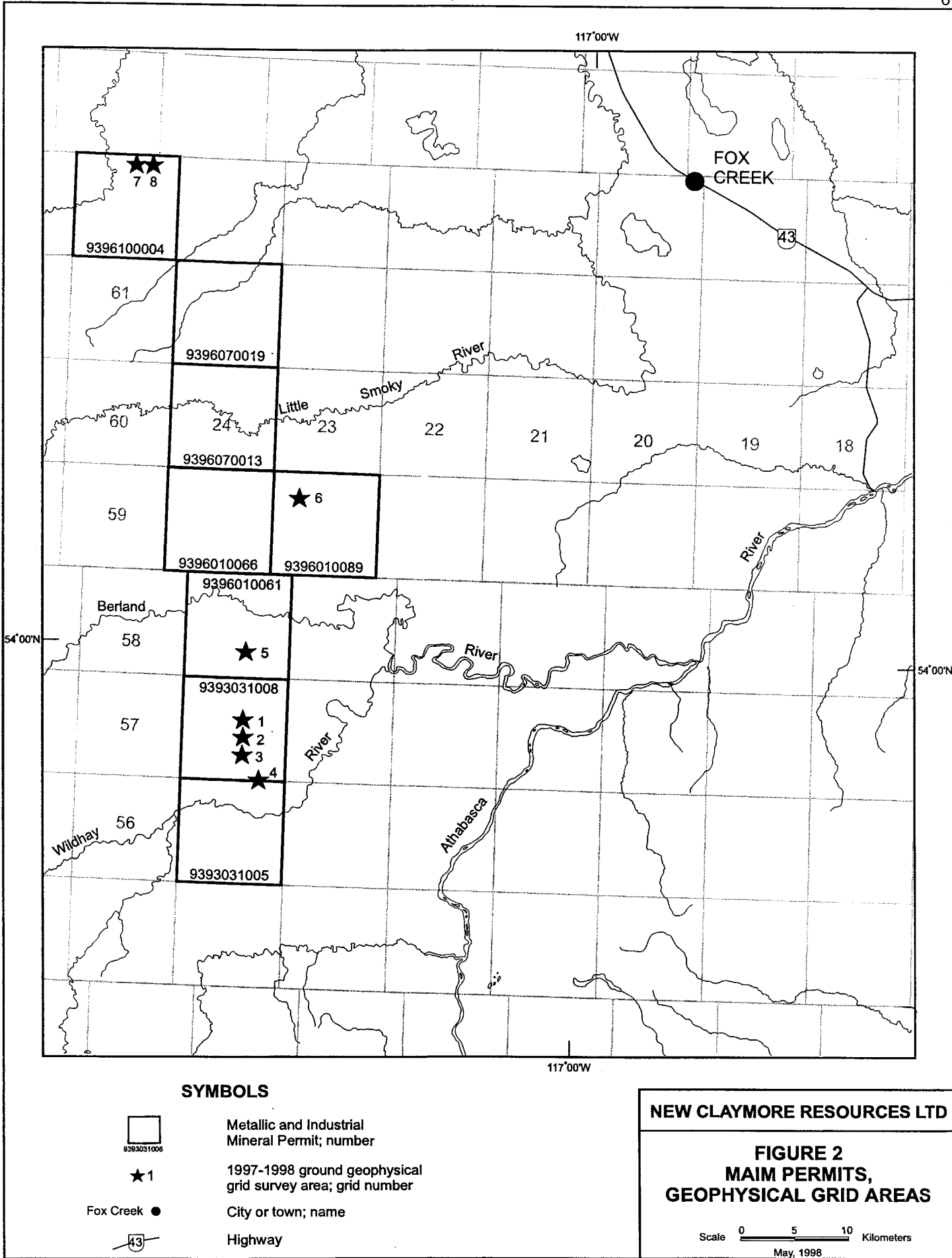
Vegetation is dominated by a continuous cover of pine and spruce trees with interspersed stands of poplar and aspen. Lakes, peat bogs and muskeg of Sphagnum mosses, black spruce, tamarack, and birch exist in poorly drained low lying areas.

The regional climate is characterized by short cool summers with annual precipitation generally around 50 cm. Temperatures vary from an average of 19°C in July to an average of -14°C in January.





#### **4. PROPERTY**

MAIM permits 9393031005, 9393031008, 9396010061, 9396010066, 9396010089, 9396070013, 9396070019, and 9396100004 are located in west-central Alberta and encompass an area of 64,512 hectares (184,320 acres) on NTS map areas 83 F/13, F/14, 83 K/3, K/4, and K/5 (Figure 2). The MAIM permits occupy an area of about 800 km<sup>2</sup> including lands covering 5-24-056, 5-24-057, 5-24-058, 5-23-059, 5-24-059, 5-24-060, 5-24-061, and 5-25-062 (Table 1). MAIM permits 9393031005, 9393031008, 9396010061, 9396010066, 9396070013, and 9396070019 are held in the name of New Claymore Resources Ltd., permit 9396010089 is held in the name of Montello Resources Ltd., and permit 9396100004 is held jointly by New Claymore Resources Ltd. and Montello Resources Ltd. Through joint venture agreements between NCR, Montello, Troymin Resources Ltd. (Troymin), Rich Resource Investments Ltd. (Rich), and Luscar Ltd. (Luscar), and subsequently between NCR and Kennecott, previous exploration for diamonds has been performed in the Hinton area including permits 9393031005 and 9393031008. This exploration work included reconnaissance diamond indicator heavy mineral stream sediment sampling, airborne and ground geophysical surveys, and diamond drilling. Assessment expenditures totaling \$92,160 for permit 9393031005 and \$92,160 for permit 9393031008 (Table 3) were filed by Kennecott (Ball, 1997a).





**SYMBOLS**

-  Metallic and Industrial Mineral Permit; number
-  1997-1998 ground geophysical grid survey area; grid number
-  Fox Creek ● City or town; name
-  Highway

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**FIGURE 2  
MAIM PERMITS,  
GEOPHYSICAL GRID AREAS**

Scale 0 5 10 Kilometers  
May, 1998

**TABLE 1**  
**MAIM PERMIT DESCRIPTION**

<b>PERMIT NUMBER</b>	<b>PERMIT HOLDER</b>	<b>COMMENCEMENT OF PERMIT TERM</b>	<b>LEGAL DESCRIPTION OF LANDS</b>	<b>AREA OF OPTION (hectares)</b>
9393031005	New Claymore Resources Ltd.	March, 1993	5-24-056: 1-36	9,216
9393031008	New Claymore Resources Ltd.	March, 1993	5-24-057: 1-36	9,216
9396010061	New Claymore Resources Ltd.	January, 1996	5-24-058: 1-36	9,216
9396010066	New Claymore Resources Ltd.	January, 1996	5-24-059: 1-36	9,216
9396010089	Montello Resources Ltd.	January, 1996	5-23-059: 1-36	9,216
9396070013	New Claymore Resources Ltd.	July, 1996	5-24-060: 1-36	9,216
9396070019	New Claymore Resources Ltd.	July, 1996	5-24-061: 1-36	9,216
9396100004	New Claymore Resources Ltd. Montello Resources Ltd.	October, 1996	5-25-062: 1-36	9,216
			TOTAL	73,728

## 5. PREVIOUS EXPLORATION

During the period 1981 to 1990, regional stream sediment sampling completed by Dia Met Minerals Ltd. revealed significant concentrations of diamond indicator minerals over an area extending from the Gregg/McLeod River in the northwest to the Brazeau River in the southeast. Mineral grains, including eclogitic garnets and about 1,000 chromite grains, 13% of which plot in the diamond inclusion field (DIF), were the first indication for the potential of the Hinton area to host kimberlitic intrusives.

Exploration work carried out during 1990 by Uranerz Exploration and Mining Limited on their Alberta Diamonds – Coal Valley Project located about 100 km southeast of the Hinton Permits included aeromagnetic and ground magnetometer geophysical surveys. Ground magnetometer profile surveys were completed over 26 aeromagnetic targets and after examination of the data and ground truthing of the target areas, the source of the magnetic signatures was attributed to culture, epigenetic magnetite in bedrock and till, and the concentration of heavy minerals within conglomerate and sandstone strata (Avery and Robertshaw, 1992).

Between 1992 to 1994, Cameco Corporation explored for kimberlitic diatremes on their Alberta Diamond Project - Hinton Project. The exploration area was located about 80 km to the southeast of the Hinton Permits and work included diamond indicator heavy mineral stream and bedrock sampling, and aeromagnetic and ground geophysical surveying. A total of 712 heavy mineral stream sediment samples, 14 bedrock, and 1 alluvial sample were collected, processed, and analyzed for diamond

indicator minerals. Numerous diamond indicator minerals were identified in the stream sediment samples, although duplicate sampling of anomalous sites rarely reproduced similar quantities of indicator minerals, and no anomalous mineral grains were recovered from stream sediment samples collected up-stream from the anomalous sites. Examination of heavy mineral grains recovered from bedrock samples clearly indicate that DIF chromites are present in Paskapoo Formation sandstone, Entrance Conglomerate, and Brazeau Formation strata (Drever and Matthews, 1995).

During 1993, the Alberta Research Council completed a provenance study of diamond indicator minerals found in the Hinton area. In total, 62 bedrock samples were collected and processed for diamond indicator minerals and then studied petrographically. The study confirmed that diamond indicator minerals including DIF chromites, DIF olivines, eclogitic and peridotitic garnets, and chrome diopsides are present in both Cretaceous and Tertiary strata in the Hinton area. Paleocurrent studies indicate that the detritus comprising the Cretaceous and Tertiary strata were derived from a westerly source; the interior of British Columbia (Langenberg and Skupinski, 1996).

Previous diamond exploration completed within the immediate area of the Hinton Permits was conducted through two separate joint venture agreements; the first between NCR, Montello, Troymin, Rich, and Luscar (the Hinton Project), and the second between NCR and Kennecott (the New Claymore, Rich, and Troymin Claim Blocks). Assessment reports filed with the Alberta Department of Energy by Montello (Gilmour, 1995) and Kennecott (Ball, 1997a, 1997b, 1997c) include descriptions of work performed.

During 1993 and 1994, exploration work completed on the Hinton Project included an airborne geophysical survey and reconnaissance diamond indicator mineral sampling. During May to July, 1994, Dighem Surveys and Processing Inc. (Dighem) completed a helicopter supported aeromagnetic geophysical survey that totaled about 21,500 line-km's. Gilmour (1995) interpreted and classified the geophysical data and identified 142 geophysical targets that could be indicative of kimberlite intrusives. Reconnaissance diamond indicator mineral sampling was conducted during 1993 and follow-up heavy mineral stream sediment sampling carried out in 1994. In total, 90 heavy mineral stream sediment samples, 5 till samples, and 1 rock sample were collected and 55 of the stream sediment samples processed and analyzed for diamond and diamond indicator minerals. Processing of the heavy mineral stream sediment samples used a combination of shaker tables, heavy liquids, and magnetic separation techniques to divide the mineral grains into size and specific gravity fractions. Mineral fractions containing possible diamond indicator minerals were examined by optical binocular microscope and any grains picked were submitted for electron microprobe analysis. Classification of the major oxide chemistry from mineral grains analyzed returned 31 DIF chromite grains, 19 P1 xenocrystic chromite

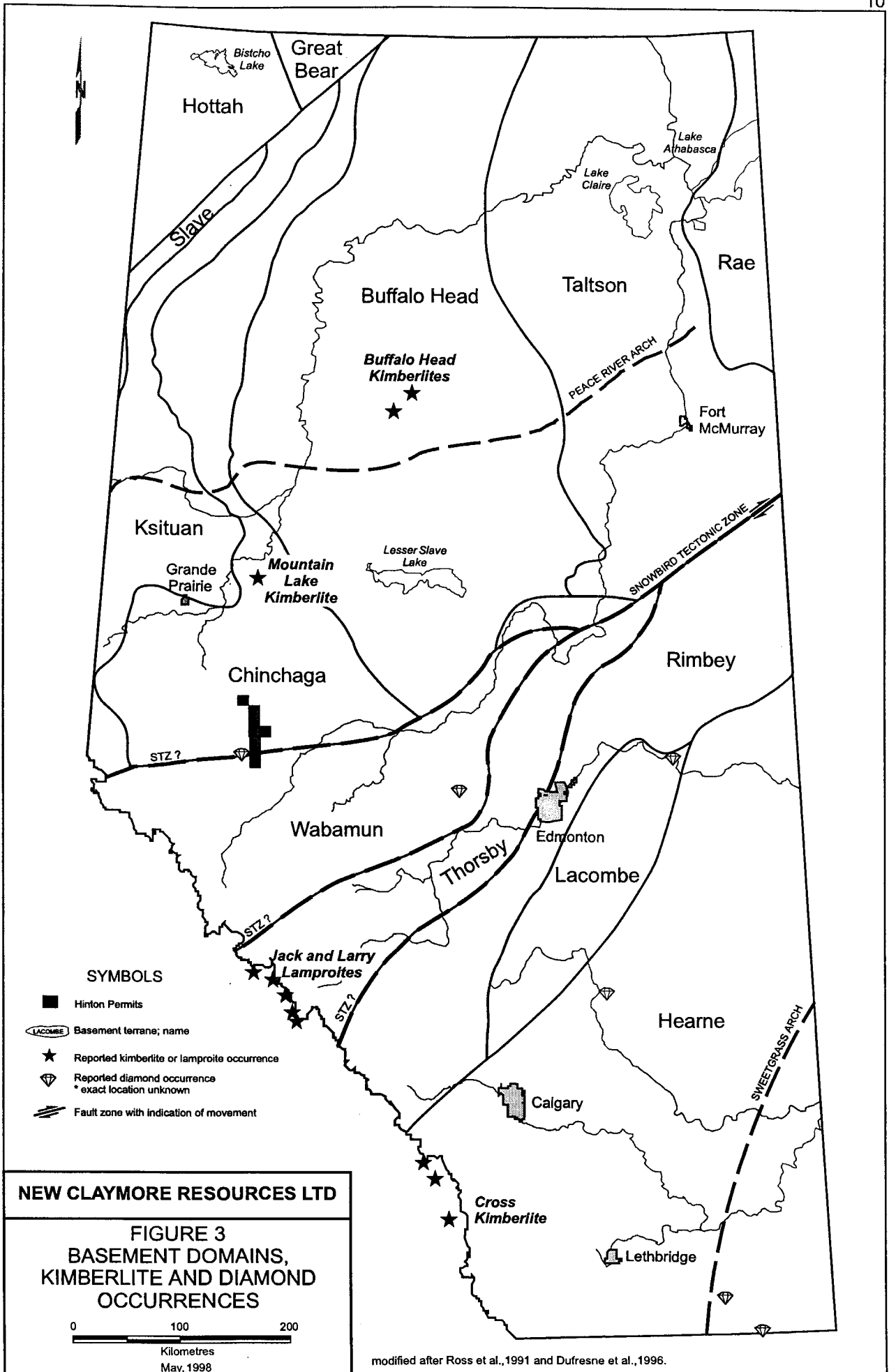
grains, 12 eclogitic garnet grains, 53 pyrope garnet grains, 17 peridotitic chrome diopside grains, and 22 microdiamonds.

During 1995 to 1997, Kennecott became operator of a portion of the Hinton Project which was divided into the New Claymore, Rich, and Troymin Claim Blocks (Ball, 1997a, 1997b, 1997c). Exploration work completed included diamond indicator mineral sampling, ground geophysical surveying, and diamond drilling. In total, 274 heavy mineral stream sediment samples, 2 esker samples, 1 rock sample, and 5 15kg diamond drill core samples were processed and analyzed for diamond and diamond indicator minerals. Diamond indicator minerals including chromite, olivine, clinopyroxene, pyrope and eclogitic garnets, and 1 microdiamond were recovered from the stream sediment samples, chromites were recovered from the esker samples, but no diamond indicator minerals were obtained from the rock nor the diamond drill core samples. After examination of the airborne magnetic survey completed by Dighem in 1994, Kennecott selected 50 anomalies for follow-up by ground magnetic and transient EM geophysical surveys. After interpretation of the ground geophysical data, 10 targets were selected for testing by diamond drilling. In total, 2,799.91 m of NQ core were drilled in 17 drillholes. The drill logs indicate that no kimberlitic intrusives were encountered in any of the drillholes (Ball, 1997a, 1997c).

## 6. GEOLOGY

The crystalline basement underlying the Hinton Permits is dominated by a major crustal discontinuity, the Snowbird Tectonic Zone (STZ), which extends from Hudson Bay to the foothills of the Canadian Cordillera. The STZ trends southwesterly into east-central Alberta north of Cold Lake and about 150 km northeast of Edmonton bifurcates into two strands (Figure 3). The westerly trending northern strand has been interpreted as a fault which separates the Wabamun basement terrane to the south from the north to northwest trending Chinchaga terrane (Ross et al., 1991). The Wabamun terrane, a regional aeromagnetic high, has been interpreted as a fault bounded domain of magmatic rocks of early Proterozoic age (2.3 Ga). The Chinchaga domain, characterized by a uniform negative aeromagnetic signature, has been interpreted as metaplutonic and metasedimentary gneisses dated between 2.09 to 2.18 Ga.

The Hinton Permits are located on the Edson (83F) and Iosegun Lake (83K) map areas where regional mapping by Green (1972) show the bedrock geology to consist of non-marine sediments of the Paleocene Paskapoo Formation. The Paskapoo Formation consists of an extensive sequence of thickly bedded calcareous cherty sandstone with minor siltstone, mudstone, conglomerate, coal, and bentonitic shale interbeds. The Paskapoo Formation varies in thickness from 600 to 1,000 m and structurally has a near-horizontal to slight northeasterly dip (Vogwill, 1979).



**SYMBOLS**

- Hinton Permits
- LACOMBE Basement terrane; name
- ★ Reported kimberlite or lamproite occurrence
- ◆ Reported diamond occurrence  
\* exact location unknown
- Fault zone with indication of movement

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**FIGURE 3  
BASEMENT DOMAINS,  
KIMBERLITE AND DIAMOND  
OCCURRENCES**

0 100 200  
Kilometres  
May, 1998

modified after Ross et al., 1991 and Dufresne et al., 1996.

Quaternary glaciation within Alberta has been affected by two origins of glacial advance; Laurentide and Cordilleran sources. Laurentide glacial advance progressed south to southwestward from northern Alberta while Cordilleran glaciers advanced westerly through the Rocky Mountains. As the Cordilleran valley glaciers reached the Foothills and Plains, they spread out to form piedmont glaciers until they were deflected southward by the advancing Laurentide ice sheet. Glacial deposits on the Hinton Permits are widespread and consist dominantly of ground moraine of the Marlboro Till and the younger Obed Till; both have a Cordilleran source (Roed, 1975). Glaciofluvial sediments occur as outwash deposits primarily along the Wildhay and Berland Rivers, and Jarvis and Pinto Creeks. Although drift thickness in the Hinton area is generally thin, bedrock exposure is sparse and generally restricted to scattered outcrop on the upper elevations of hill tops and cut banks within river valleys.

## **7. GROUND MAGNETOMETER GEOPHYSICAL SURVEYS**

During November and December, 1997, eight ground magnetometer geophysical surveys were completed on the Hinton Permits to aid in defining anomalous geophysical patterns identified by an oil and gas aeromagnetic survey and seismic data. In total, 41.95 line-km of grid lines were surveyed and 38.15 line-km of ground magnetometer surveying completed over the eight grid areas. After a baseline was surveyed on an individual grid, grid cross lines were established at 100 m intervals and on each grid cross line, stations were chained by topofil and marked at 25 m intervals. At 12.5 m stations along each cross line, a magnetometer geophysical reading was collected using a GEM Systems GSM-19 integrated Overhauser effect proton precession magnetometer.

The shoulder-mounted GEM GSM-19 instrument contains an external magnetometer sensor consisting of two coils of copper wire immersed in a proton rich liquid contained in a sealed Pyrex cylinder. At each station, the sensor read the total magnetic field strength (nT) and the data was stored in the GSM-19 instrument memory. The magnetic readings were corrected for terrestrial field magnetic variation using a GSM-19 base station programmed to collect geomagnetic field strength readings at 5 second intervals. The magnetometer data collected were transferred to an IBM compatible microcomputer using 'Gemlink' software. The software produces magnetometer data for both field readings and data which is corrected for diurnal variation. The corrected magnetometer data was gridded, contoured, and used to generate Figures 4 to 11; the geophysical data are given in Appendix 1, Figures 4 to 11 are given in Appendix 2.

The magnetic relief for all eight areas surveyed is relatively low and any positive magnetic responses form weak, isolated, single line magnetic signatures. Magnetic patterns on seven of the eight grids surveyed correlate with the strike of regional magnetics and no definitive magnetic signatures indicative of a mafic intrusive source are discernible. On Grid 3 (Figure 6), an isolated, two line, three

peak magnetic anomaly about 220 m x 100 m with a maximum amplitude of about 12 nT occurs near the eastern edge of the grid. The magnetic anomaly exists within a topographic depression along the western edge of a logging clear cut.

## **8. CONCLUSIONS AND RECOMMENDATIONS**

Based upon available published data it can be concluded that the Hinton area is underlain by basement terranes of favourable age for hosting kimberlitic intrusives and regional structures including the Snowbird Tectonic Zone provide a favourable structural environment for the emplacement of mafic diatremes. Diamond indicator heavy mineral stream and bedrock sampling programs conducted by several exploration companies and government agencies in the Hinton area have identified numerous DIF mineral grains and 23 microdiamonds. Bedrock studies suggest that the diamond indicator minerals have weathered out of Cretaceous and Tertiary strata and that the provenance for the detritus comprising lithic bedrock in the Hinton area is the interior of British Columbia. There is some evidence, including the angularity of olivine grains recovered from bedrock samples, a mineral which readily breaks down when mechanically transported, which suggests the source of the diamond indicator minerals within the bedrock was derived locally.

Ground magnetic geophysical surveys have been completed on the Hinton Permits to interpolate geologic contacts and structural features and to aid in delineating trends and areas which are magnetically mafic in character and may be suggestive of kimberlite or related intrusives. A magnetic anomaly on Grid 3 is similar in size, shape, and amplitude to several magnetic anomalies previously identified by Kennecott in the same geographic area; Kennecott tested their anomalies by diamond drilling and no kimberlitic material was identified in any of the drillholes (Ball, 1997a, 1997c). Therefore, it is uncertain if the magnetic signature on Grid 3 is representative of a mafic intrusive source, the concentration of magnetic minerals within the bedrock sandstone, or epigenetic magnetite. Donovan (1984) suggests that hydrocarbon seepage along fault zones or through highly porous strata may produce a reducing environment in overburden or shallow stratigraphy resulting in the formation of epigenetic magnetite by the chemical alteration of iron oxide minerals. Geophysical signatures resulting from these processes would be sharp, irregular shaped, low amplitude magnetic anomalies and/or linear anomalies which follow fault zones or highly porous stratigraphy. The Hinton area is rich in hydrocarbons, extensively faulted, and the uppermost stratigraphy is relatively porous; all of these elements may promote the formation of epigenetic magnetite in the shallow subsurface.

Additional exploration to evaluate the magnetic anomaly on Grid 3 and the potential for kimberlites or related intrusives to exist on the Hinton Permits is warranted. Further work should include: a) acquisition of petroleum and coal seismic geophysical data available publicly and through

private brokers; b) acquisition, compilation, and interpretation of digital elevation data, Landsat, and aerial photographs; c) stacked profiling and re-interpretation of existing aeromagnetic geophysical data; d) bedrock sampling and analysis of NCR joint venture partner diamond drill core for diamond indicator minerals to aid in determining the provenance of the numerous DIF mineral grains and microdiamonds recovered in the Hinton area; e) geophysical surveys to truth any anomalies identified; and if warranted, f) testing of any anomalous areas by diamond drilling.

#### **9. STATEMENT OF EXPENDITURES, COST ALLOCATION**

A statement of expenditures for work completed on MAIM permits 9393031005, 9393031008, 9396010061, 9396010066, 9396010089, 9396070013, 9396070019, and 9396100004 is given in Table 2; the cost of exploration expenditures totals \$46,266.88. Permits 9393031005, 9393031008, 9396010061, 9396010066, 9396010089, 9396070013, 9396070019, and 9396100004 are contiguous and have been grouped to facilitate the dispersal of exploration expenditures. An assessment amount of \$46,266.88 has been applied to permit 9396010061 (Table 3).




**TABLE 2**  
**STATEMENT OF EXPENDITURES**

MAIM PERMITS 9393031005, 9393031008, 9396010061, 9396010066,  
9396010089, 9396070013, 9396070019, 9396100004

Description	Cost (\$)
<b>Salary and Wages</b>	
Senior Supervision	3,400.00
Field Geologists	6,000.00
Report Preparation	3,800.00
Drafting	600.00
Clerical	200.00
WCB Fees	140.63
<b>Field Costs</b>	
Accommodation	2,222.64
Food	939.83
Field Supplies	1,444.18
Fuel	168.00
Road Usage Fees	3,172.50
Telephone	160.00
Freight	343.84
Maps, Publications, Photographs	452.34
<b>Rental Equipment</b>	
Vehicle Rental	2,100.00
Quad Rental	3,400.00
Vehicle Operation and Repair	1,576.53
Geophysical Equipment Rental	1,820.00
Field Equipment Rental	450.00
Warehouse	650.00
<b>Subcontract Services</b>	
Permits and Licences	4,366.29
Drilling Consultant	8,560.10
<b>General</b>	
Computer Usage	180.00
Plotting, Reproduction, Xeroxing	120.00
<b>TOTAL</b>	<b>46,266.88</b>

I certify that these expenditures are valid and were incurred in conducting assessment work on the above listed permits.

Signed: 

**TABLE 3**  
**EXPLORATION EXPENDITURES AND COST ALLOCATION**

<b>MAIM Permit Number</b>	<b>Permit Area (ha)</b>	<b>Permit Commencement Date</b>	<b>Assessment Expenditures Previously Filed</b>	<b>Assessment Work Requirement (\$ / ha)</b>	<b>Assessment Amount Due</b>	<b>Exploration Expenditures</b>	<b>Assigned Assessment Amount</b>
9393031005	9,216	March, 1993	\$92,160	n/a	n/a	\$5,783.36	\$0
9393031008	9,216	March, 1993	\$92,160	n/a	n/a	\$17,350.08	\$0
9396010061	9,216	January, 1996	\$0	\$5	\$46,080	\$5,783.36	\$46,266.88
9396010066	9,216	January, 1996	\$0	\$5	\$46,080	\$0	\$0
9396010089	9,216	January, 1996	\$0	\$5	\$46,080	\$5,783.36	\$0
9396070013	9,216	July, 1996	\$0	\$5	\$46,080	\$0	\$0
9396070019	9,216	July, 1996	\$0	\$5	\$46,080	\$0	\$0
9396100004	9,216	October, 1996	\$0	\$5	\$46,080	\$11,566.72	\$0
<b>Total</b>	<b>73,728</b>		<b>\$184,320</b>		<b>\$276,480</b>	<b>\$46,266.88</b>	<b>\$46,266.88</b>

**10. QUALIFICATIONS**

I, Todd Faragher of [REDACTED] T7X 3N2 of the town of Spruce Grove, in the Province of Alberta hereby certify:

- 1) That I am a geologist residing at the above address.
- 2) That I graduated with a B.Sc. in geology from the University of Alberta, 1988.
- 3) That I have practiced my profession as a geologist from 1988 till present.
- 4) That this report is based upon field work completed by the author on the Hinton Permits and on review of available published and unpublished reports on the Hinton Permits and the surrounding area.
- 5) That I currently hold a stock option to purchase 10,000 common shares of New Claymore Resources Ltd. at a fixed priced set in November, 1997.
- 6) That I authorize the distribution of this report by Alberta Energy at the end of a term of confidentiality of one year commencing on the date which Alberta Energy receives this report.

Signed:

[REDACTED]

Todd Faragher, B.Sc.

this 8 day of May, 1998

## 11. REFERENCES

- Avery, R. and Robertshaw, P. (1992) Uranerz Exploration and Mining Limited Summary Report, Alberta Diamonds Project – Coal Valley, Alberta; included in Alberta Department of Energy assessment report 19950005, 14 p.
- Ball, S. (1997a) Kennecott Canada Exploration Inc. New Claymore Claim Block Geological, Geophysical, Geochemical and Drilling Report; Alberta Department of Energy assessment report, 12 p., 3 figs., 14 appendices.
- Ball, S. (1997b) Kennecott Canada Exploration Inc. Rich Claim Block Geological, Geophysical, and Geochemical Report; Alberta Department of Energy assessment report, 10 p., 3 figs., 11 appendices.
- Ball, S. (1997c) Kennecott Canada Exploration Inc. Troymin Claim Block Geological, Geophysical, Geochemical and Drilling Report; Alberta Department of Energy assessment report, 15 p., 3 figs., 12 appendices.
- Donovan, T.J. (1984) Low-altitude aeromagnetic reconnaissance for petroleum in the Arctic National Wildlife Refuge, Alaska; *Geophysics*, vol. 49, no. 8, pp. 1338-1353.
- Drever, G. and Matthews, R. (1995) Cameco Corporation Alberta Diamond project, Hinton area, central Alberta 1992-94 exploration activities; Alberta Department of Energy assessment report 19950005, 32 p.
- Dufresne, M.B., Eccles, D.R., McKinstry, B., Schmitt, D.R., Fenton, M.M., Pawlowicz, J.G., and Edwards, W.A.D. (1996) The Diamond Potential of Alberta; Alberta Geological Survey Bulletin No. 63, 97 p.
- Gilmour, W.R. (1995) Report on the Hinton Property, Alberta; Alberta Department of Energy assessment report 19950017, 17 p., 4 figs., 2 appendices.
- Green, R. (1972) Geological map of Alberta; Alberta Research Council Map 35, scale 1:1,267,000.
- Langenberg, C.W. and Skupinski, A. (1996) The provenance of diamond indicator minerals in bedrock of the Hinton area, Alberta Foothills; Alberta Research Council Open File Report 96-09, 66 p.
- Roed, M.A. (1975) Cordilleran and Laurentide multiple glaciation west-central Alberta; *Canadian Journal of Earth Science*, vol. 12, p. 1493-1515.
- Ross, G.M., Parrish, R.R., Villeneuve, M.E., and Bowring, S.A. (1991) Geophysics and geochronology of the crystalline basement of the Alberta Basin, western Canada; *Canadian Journal of Earth Science*, vol. 28, p. 512-522.
- Tokarsky, O. (1976) Hydrogeology of the Iosegun Lake area, Alberta; Alberta Research Council Earth Sciences Report 76-2, 10 p.
- Vogwill, R.I.J. (1979) Hydrology of the Edson area, Alberta; Alberta Research Council Earth Sciences Report 79-7, 22 p.

**APPENDIX 1**

**GROUND MAGNETOMETER DATA  
GRID AREAS 1 TO 8**

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 1**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER	GRID CO-ORDINATE		CORRECTED MAGNETOMETER
Line	Station	(nT)	Line	Station	(nT)
5200 E	5300 N	59014.73	5100 E (con't)	5037.5 N	59012.78
	5287.5 N	59013.65		5025 N	59011.04
	5275 N	59014.87	5012.5 N	59012.80	
	5262.5 N	59017.61	5000 N	59010.21	
	5250 N	59015.71	5000 E	5300 N	59010.16
	5237.5 N	59012.65		5287.5 N	59010.38
	5225 N	59015.75		5275 N	59015.37
	5212.5 N	59011.15		5262.5 N	59013.30
	5200 N	59022.32		5250 N	59013.13
	5187.5 N	59015.82		5237.5 N	59012.35
	5175 N	59017.90		5225 N	59010.17
	5162.5 N	59017.05		5212.5 N	59009.22
	5150 N	59015.52		5200 N	59011.29
	5137.5 N	59012.68		5187.5 N	59009.18
	5125 N	59014.05		5175 N	59013.59
	5112.5 N	59011.58		5162.5 N	59011.44
	5100 N	59014.45	5150 N	59011.68	
	5087.5 N	59012.02	5137.5 N	59015.23	
	5075 N	59013.60	5125 N	59017.84	
	5062.5 N	59012.89	5112.5 N	59011.25	
	5050 N	59012.99	5100 N	59007.51	
	5037.5 N	59012.11	5087.5 N	59008.84	
	5025 N	59012.26	5075 N	59013.72	
	5012.5 N	59012.16	5062.5 N	59010.81	
5000 N	59013.03	5050 N	59010.56		
5100 E	5300 N	59010.72	5037.5 N	59011.08	
	5287.5 N	59011.21	5025 N	59010.95	
	5275 N	59012.07	5012.5 N	59010.92	
	5262.5 N	59010.49	5000 N	58998.99	
	5250 N	59010.76	4900 E	5300 N	59009.94
	5237.5 N	59011.59		5287.5 N	59009.56
	5225 N	59013.21		5275 N	59011.16
	5212.5 N	59013.90		5262.5 N	59010.77
	5200 N	59011.72		5250 N	59011.38
	5187.5 N	59012.11		5237.5 N	59011.31
	5175 N	59011.56		5225 N	59007.70
	5162.5 N	59010.39		5212.5 N	59017.29
	5150 N	59011.98		5200 N	59009.26
	5137.5 N	59012.07		5187.5 N	59009.90
	5125 N	59010.15		5175 N	59011.18
	5112.5 N	59012.45		5162.5 N	59008.71
	5100 N	59012.81	5150 N	59010.41	
	5087.5 N	59013.32	5137.5 N	59009.43	
	5075 N	59013.31	5125 N	59007.24	
	5062.5 N	59013.07	5112.5 N	59007.97	
	5050 N	59010.21	5100 N	59006.53	

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 1 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER	GRID CO-ORDINATE		CORRECTED MAGNETOMETER	
Line	Station	(nT)	Line	Station	(nT)	
4900 E (con't)	5087.5 N	59010.26				
	5075 N	59008.05				
	5062.5 N	59011.26				
	5050 N	59007.83				
	5037.5 N	59005.88				
	5025 N	59006.81				
	5012.5 N	59008.82				
	5000 N	59008.79				
	4800 E	5300 N	59008.60			
		5287.5 N	59008.64			
5275 N		59009.57				
5262.5 N		59009.76				
5250 N		59007.56				
5237.5 N		59010.94				
5225 N		59013.76				
5212.5 N		59011.67				
5200 N		59011.23				
5187.5 N		59011.42				
5175 N		59010.47				
5162.5 N		59008.24				
5150 N		59010.59				
5137.5 N		59008.80				
5125 N		59010.76				
5112.5 N		59033.42				
5100 N		59009.29				
5087.5 N		59006.65				
5075 N		59007.95				
5062.5 N		59010.45				
5050 N		59012.33				
5037.5 N		59008.49				
5025 N	59013.35					
5012.5 N	59012.15					
5000 N	59007.77					

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 2**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	
Line	Station		Line	Station		
5400 E	5300 N	59049.83		4725 N	59048.25	
	5287.5 N	59049.87		4712.5 N	59049.59	
	5275 N	59062.83		4700 N	59048.83	
	5262.5 N	59050.97		4687.5 N	59048.12	
	5250 N	59051.20		4675 N	59048.68	
	5237.5 N	59050.66		4662.5 N	59048.97	
	5225 N	59049.66		4650 N	59049.34	
	5212.5 N	59048.47		4637.5 N	59048.73	
	5200 N	59049.19		4625 N	59048.97	
	5187.5 N	59048.77		4612.5 N	59049.39	
	5175 N	59049.47		4600 N	59048.65	
	5162.5 N	59049.15		4587.5 N	59048.83	
	5150 N	59050.49		4575 N	59049.64	
	5137.5 N	59049.09		4562.5 N	59049.33	
	5125 N	59048.18		4550 N	59049.79	
	5112.5 N	59048.14		4537.5 N	59049.97	
	5100 N	59048.29		4525 N	59048.23	
	5087.5 N	59048.76		4512.5 N	59046.87	
	5075 N	59049.46		4500 N	59047.69	
	5062.5 N	59048.92		5300 E	5300 N	59050.42
	5050 N	59049.29		5287.5 N	59051.13	
	5037.5 N	59048.04		5275 N	59050.25	
	5025 N	59046.82		5262.5 N	59050.41	
	5012.5 N	59047.79		5250 N	59050.75	
	5000 N	59047.11		5237.5 N	59051.18	
	4987.5 N	59048.09		5225 N	59049.71	
	4975 N	59047.66		5212.5 N	59050.18	
	4962.5 N	59049.83		5200 N	59050.33	
	4950 N	59048.56		5187.5 N	59049.77	
	4937.5 N	59048.34		5175 N	59049.89	
	4925 N	59050.48		5162.5 N	59047.83	
	4912.5 N	59047.69		5150 N	59049.14	
4900 N	59048.53		5137.5 N	59047.77		
4887.5 N	59048.41		5125 N	59048.29		
4875 N	59046.48		5112.5 N	59049.02		
4862.5 N	59046.63		5100 N	59050.25		
4850 N	59047.05		5087.5 N	59049.87		
4837.5 N	59044.56		5075 N	59049.89		
4825 N	59047.56		5062.5 N	59049.21		
4812.5 N	59047.62		5050 N	59047.67		
4800 N	59046.08		5037.5 N	59047.72		
4787.5 N	59046.83		5025 N	59048.26		
4775 N	59047.06		5012.5 N	59046.11		
4762.5 N	59047.53		5000 N	59048.30		
4750 N	59047.05		4987.5 N	59049.25		
4737.5 N	59048.10		4975 N	59049.07		



**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 2 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)
Line	Station		Line	Station	
5300 E (cont')	4962.5 N	59047.36	5200 E (cont')	5200 N	59053.20
	4950 N	59047.51		5187.5 N	59052.42
	4937.5 N	59048.94		5175 N	59051.48
	4925 N	59048.66		5162.5 N	59051.87
	4912.5 N	59047.83		5150 N	59055.68
	4900 N	59047.30		5137.5 N	59053.33
	4887.5 N	59047.98		5125 N	59053.73
	4875 N	59048.25		5112.5 N	59051.74
	4862.5 N	59047.54		5100 N	59053.63
	4850 N	59046.31		5087.5 N	59051.72
	4837.5 N	59049.15		5075 N	59051.47
	4825 N	59049.52		5062.5 N	59052.71
	4812.5 N	59045.25		5050 N	59052.42
	4800 N	59047.72		5037.5 N	59053.02
	4787.5 N	59045.12		5025 N	59051.86
	4775 N	59043.56		5012.5 N	59049.92
	4762.5 N	59044.67		5000 N	59051.34
	4750 N	59044.96		4987.5 N	59051.74
	4737.5 N	59045.41		4975 N	59051.89
	4725 N	59041.84		4962.5 N	59048.59
	4712.5 N	59043.92		4950 N	59051.63
	4700 N	59043.88		4937.5 N	59050.84
	4687.5 N	59006.51		4925 N	59050.15
	4675 N	59008.68		4912.5 N	59050.84
	4662.5 N	59009.26		4900 N	59058.37
	4650 N	59011.20		4887.5 N	59050.29
	4637.5 N	59008.33		4875 N	59049.90
	4625 N	59006.14		4862.5 N	59049.84
	4612.5 N	59007.47		4850 N	59049.07
	4600 N	59005.67		4837.5 N	59050.37
4587.5 N	59004.07	4825 N	59047.57		
4575 N	59001.89	4812.5 N	59054.46		
4562.5 N	59004.75	4800 N	59052.10		
4550 N	59002.03	4787.5 N	59051.45		
4537.5 N	59001.84	4775 N	59050.98		
4525 N	59004.75	4762.5 N	59050.42		
4512.5 N	59000.77	4750 N	59048.83		
4500 N	59006.86	4737.5 N	59049.31		
5200 E	5300 N	59052.15	4725 N	59047.78	
	5287.5 N	59053.65	4712.5 N	59051.40	
	5275 N	59053.66	4700 N	59051.63	
	5262.5 N	59054.19	4687.5 N	59007.49	
	5250 N	59053.75	4675 N	59004.06	
	5237.5 N	59051.95	4662.5 N	59007.66	
	5225 N	59052.65	4650 N	59007.62	
	5212.5 N	59053.86	4637.5 N	59006.28	

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 2 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	
Line	Station		Line	Station		
5200 E (cont)	4625 N	59005.27	5100 E (cont)	4862.5 N	59049.82	
	4612.5 N	59003.87		4850 N	59046.18	
	4600 N	59006.24		4837.5 N	59047.66	
	4587.5 N	59006.38		4825 N	59048.35	
	4575 N	59005.47		4812.5 N	59047.10	
	4562.5 N	59003.80		4800 N	59046.14	
	4550 N	59004.42		4787.5 N	59050.21	
	4537.5 N	59003.19		4775 N	59049.35	
	4525 N	59004.74		4762.5 N	59048.64	
	4512.5 N	59004.05		4750 N	59048.29	
	4500 N	59003.85		4737.5 N	59049.27	
	5100 E	5300 N		59050.93	4725 N	59047.29
		5287.5 N		59052.81	4712.5 N	59049.67
		5275 N		59051.51	4700 N	59050.09
5262.5 N		59052.99	4687.5 N	59010.12		
5250 N		59053.16	4675 N	59010.01		
5237.5 N		59050.68	4662.5 N	59011.42		
5225 N		59049.55	4650 N	59009.73		
5212.5 N		59052.46	4637.5 N	59012.61		
5200 N		59050.79	4625 N	59010.29		
5187.5 N		59050.06	4612.5 N	59009.32		
5175 N		59051.62	4600 N	59006.45		
5162.5 N		59048.59	4587.5 N	59009.60		
5150 N		59052.10	4575 N	59010.75		
5137.5 N		59049.91	4562.5 N	59007.40		
5125 N		59049.70	4550 N	59008.04		
5112.5 N		59049.31	4537.5 N	59008.99		
5100 N		59050.83	4525 N	59009.14		
5087.5 N		59049.74	4512.5 N	59007.33		
5075 N		59050.10	4500 N	59007.42		
5062.5 N		59049.95	5000 E	5300 N	59052.51	
5050 N		59051.82		5287.5 N	59052.57	
5037.5 N		59049.99		5275 N	59051.71	
5025 N		59047.94		5262.5 N	59054.41	
5012.5 N		59049.14		5250 N	59055.50	
5000 N		59058.05		5237.5 N	59052.34	
4987.5 N		59052.63		5225 N	59054.33	
4975 N		59053.65		5212.5 N	59054.42	
4962.5 N		59047.88		5200 N	59053.62	
4950 N	59049.81	5187.5 N		59054.57		
4937.5 N	59048.07	5175 N		59055.08		
4925 N	59047.98	5162.5 N		59054.37		
4912.5 N	59047.80	5150 N		59054.91		
4900 N	59047.82	5137.5 N		59052.08		
4887.5 N	59048.89	5125 N	59051.55			
4875 N	59052.15	5112.5 N	59053.20			

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 2 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER	GRID CO-ORDINATE		CORRECTED MAGNETOMETER
Line	Station	(nT)	Line	Station	(nT)
5000 E (con't)	5100 N	59051.73	5000 E (con't)	4525 N	59005.63
	5087.5 N	59052.80		4512.5 N	59006.85
	5075 N	59054.07	4500 N	59010.15	
	5062.5 N	59054.53	4900 E	5300 N	59052.30
	5050 N	59051.90		5287.5 N	59053.25
	5037.5 N	59053.95		5275 N	59052.26
	5025 N	59051.76		5262.5 N	59053.67
	5012.5 N	59052.46		5250 N	59050.24
	5000 N	59051.63		5237.5 N	59053.75
	4987.5 N	59052.71		5225 N	59051.90
	4975 N	59054.73		5212.5 N	59052.52
	4962.5 N	59052.49		5200 N	59054.00
	4950 N	59051.44		5187.5 N	59053.04
	4937.5 N	59051.25		5175 N	59052.90
	4925 N	59051.86		5162.5 N	59051.54
	4912.5 N	59053.07		5150 N	59048.61
	4900 N	59052.77		5137.5 N	59050.17
	4887.5 N	59051.00		5125 N	59049.60
	4875 N	59052.12		5112.5 N	59053.67
	4862.5 N	59048.47		5100 N	59052.12
	4850 N	59051.12		5087.5 N	59053.31
	4837.5 N	59050.43		5075 N	59056.42
	4825 N	59052.14		5062.5 N	59054.55
	4812.5 N	59053.02		5050 N	59052.26
	4800 N	59051.29		5037.5 N	59050.72
	4787.5 N	59051.54		5025 N	59050.47
	4775 N	59049.31		5012.5 N	59053.46
	4762.5 N	59052.60		5000 N	59055.43
	4750 N	59051.08		4987.5 N	59051.45
	4737.5 N	59050.81		4975 N	59053.95
4725 N	59051.90	4962.5 N		59053.35	
4712.5 N	59050.84	4950 N	59051.37		
4700 N	59049.94	4937.5 N	59051.41		
4687.5 N	59007.03	4925 N	59051.57		
4675 N	59008.42	4912.5 N	59052.15		
4662.5 N	59009.28	4900 N	59052.04		
4650 N	59009.72	4887.5 N	59050.77		
4637.5 N	59008.31	4875 N	59051.04		
4625 N	59008.46	4862.5 N	59050.12		
4612.5 N	59008.85	4850 N	59053.84		
4600 N	59009.00	4837.5 N	59049.55		
4587.5 N	59008.38	4825 N	59048.69		
4575 N	59007.83	4812.5 N	59051.97		
4562.5 N	59005.52	4800 N	59050.67		
4550 N	59006.74	4787.5 N	59051.86		
4537.5 N	59006.58	4775 N	59050.84		

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 2 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)
Line	Station		Line	Station	
4900 E (cont)	4762.5 N	59049.48	4800 E (cont)	5000 N	59054.88
	4750 N	59050.99		4987.5 N	59052.59
	4737.5 N	59046.91		4975 N	59053.47
	4725 N	59049.23		4962.5 N	59053.85
	4712.5 N	59050.53		4950 N	59052.62
	4700 N	59051.30		4937.5 N	59054.02
	4687.5 N	59009.64		4925 N	59054.45
	4675 N	59015.42		4912.5 N	59054.38
	4662.5 N	59008.97		4900 N	59053.66
	4650 N	59011.87		4887.5 N	59055.94
	4637.5 N	59011.11		4875 N	59053.19
	4625 N	59008.12		4862.5 N	59052.90
	4612.5 N	59012.25		4850 N	59051.92
	4600 N	59011.78		4837.5 N	59052.45
	4587.5 N	59011.75		4825 N	59054.71
	4575 N	59011.15		4812.5 N	59054.11
	4562.5 N	59012.63		4800 N	59051.75
	4550 N	59012.05		4787.5 N	59053.15
	4537.5 N	59008.52		4775 N	59051.72
	4525 N	59012.58		4762.5 N	59052.85
	4512.5 N	59011.75		4750 N	59052.70
	4500 N	59013.05		4737.5 N	59053.28
	4800 E	5300 N		59056.43	4725 N
5287.5 N		59055.79	4712.5 N	59051.72	
5275 N		59055.91	4700 N	59052.63	
5262.5 N		59054.93	4687.5 N	59051.43	
5250 N		59052.89	4675 N	59053.81	
5237.5 N		59053.75	4662.5 N	59052.55	
5225 N		59055.78	4650 N	59052.61	
5212.5 N		59057.55	4637.5 N	59054.38	
5200 N		59057.44	4625 N	59053.22	
5187.5 N		59055.86	4612.5 N	59054.12	
5175 N		59055.10	4600 N	59052.94	
5162.5 N		59055.56	4587.5 N	59053.57	
5150 N		59057.29	4575 N	59053.65	
5137.5 N		59056.32	4562.5 N	59054.94	
5125 N		59055.13	4550 N	59054.20	
5112.5 N		59057.43	4537.5 N	59054.61	
5100 N		59055.38	4525 N	59054.36	
5087.5 N		59057.07	4512.5 N	59055.01	
5075 N		59054.76	4500 N	59054.88	
5062.5 N		59054.86			
5050 N		59054.95			
5037.5 N		59056.33			
5025 N		59056.73			
5012.5 N	59053.38				

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 3**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)
Line	Station		Line	Station	
5300 E	5400 N	59003.64	5200 E (cont)	5337.5 N	59002.46
	5387.5 N	59002.85		5325 N	59002.09
	5375 N	59004.17		5312.5 N	59004.10
	5362.5 N	59004.65		5300 N	59001.87
	5350 N	59003.60		5287.5 N	59002.36
	5337.5 N	59003.34		5275 N	59002.31
	5325 N	58998.78		5262.5 N	59002.90
	5312.5 N	59003.27		5250 N	59002.49
	5300 N	59000.93		5237.5 N	59000.92
	5287.5 N	59002.49		5225 N	59001.14
	5275 N	59001.89		5212.5 N	59001.64
	5262.5 N	59001.37		5200 N	59001.92
	5250 N	59001.98		5187.5 N	59002.10
	5237.5 N	59003.12		5175 N	59004.00
	5225 N	59006.20		5162.5 N	59002.29
	5212.5 N	59002.08		5150 N	59005.20
	5200 N	59002.08		5137.5 N	59002.69
	5187.5 N	59003.80		5125 N	59001.32
	5175 N	59005.69		5112.5 N	59001.65
	5162.5 N	59003.33		5100 N	59000.82
	5150 N	59002.24		5087.5 N	59000.43
	5137.5 N	59002.21		5075 N	59001.54
	5125 N	59000.66		5062.5 N	59001.63
	5112.5 N	59001.56		5050 N	59000.95
	5100 N	59002.94		5037.5 N	59002.90
	5087.5 N	59001.52		5025 N	59000.46
	5075 N	59001.32		5012.5 N	58997.06
	5062.5 N	59001.88		5000 N	58985.19
	5050 N	59001.36		4987.5 N	58986.89
	5037.5 N	59002.21		4975 N	58987.33
	5025 N	59000.54		4962.5 N	58988.29
	5012.5 N	59001.94	4950 N	58990.74	
5000 N	59002.09	4937.5 N	58992.13		
4987.5 N	59002.51	4925 N	58995.66		
4975 N	59002.23	4912.5 N	58995.23		
4962.5 N	59002.88	4900 N	58995.98		
4950 N	59003.01	5100 E	5400 N	59000.57	
4937.5 N	59002.74		5387.5 N	59005.57	
4925 N	59003.57		5375 N	59003.32	
4912.5 N	59003.43		5362.5 N	59003.04	
4900 N	59004.12		5350 N	59004.88	
5200 E	5400 N		59004.94	5337.5 N	59006.56
	5387.5 N		59002.43	5325 N	59006.87
	5375 N		59001.74	5312.5 N	59011.73
	5362.5 N		59002.64	5300 N	59009.30
	5350 N		59003.34	5287.5 N	59008.33

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 3 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER	GRID CO-ORDINATE		CORRECTED MAGNETOMETER
Line	Station	(nT)	Line	Station	(nT)
5100 E (con't)	5275 N	59010.51	5000 E (con't)	5212.5 N	58998.27
	5262.5 N	59006.66		5200 N	58999.05
	5250 N	59004.34		5187.5 N	58998.63
	5237.5 N	59005.72		5175 N	58998.73
	5225 N	59008.86		5162.5 N	58997.78
	5212.5 N	59012.14		5150 N	58997.71
	5200 N	59014.03		5137.5 N	58996.77
	5187.5 N	59011.95		5125 N	58998.19
	5175 N	59020.30		5112.5 N	58996.82
	5162.5 N	59012.77		5100 N	58996.57
	5150 N	59010.69		5087.5 N	58995.15
	5137.5 N	59011.43		5075 N	58997.61
	5125 N	59010.61		5062.5 N	58995.87
	5112.5 N	59006.09		5050 N	58998.33
	5100 N	58999.72		5037.5 N	58997.35
	5087.5 N	59000.00		5025 N	58998.86
	5075 N	59001.76		5012.5 N	58997.89
	5062.5 N	59001.19		5000 N	59000.79
	5050 N	59003.43		4987.5 N	59000.99
	5037.5 N	59004.08		4975 N	58998.61
	5025 N	59001.86		4962.5 N	58999.46
	5012.5 N	59002.19		4950 N	58998.43
	5000 N	59004.88		4937.5 N	58998.54
	4987.5 N	59003.85		4925 N	58997.35
	4975 N	59002.39		4912.5 N	58998.54
	4962.5 N	59002.49		4900 N	58997.65
	4950 N	59004.16		4900 E	5400 N
4937.5 N	59001.97	5387.5 N	59005.61		
4925 N	59005.56	5375 N	59003.87		
4912.5 N	58998.80	5362.5 N	59005.56		
4900 N	59002.58	5350 N	59006.05		
5000 E	5400 N	59001.74	5337.5 N		59001.95
	5387.5 N	59002.72	5325 N		59003.26
	5375 N	59001.05	5312.5 N		59005.28
	5362.5 N	58998.42	5300 N		59005.23
	5350 N	58999.38	5287.5 N		59004.47
	5337.5 N	59007.49	5275 N		58998.93
	5325 N	59009.39	5262.5 N		59000.47
	5312.5 N	58996.89	5250 N		59008.49
	5300 N	59003.14	5237.5 N		59013.06
	5287.5 N	59000.88	5225 N		59003.18
	5275 N	59007.27	5212.5 N		58999.93
	5262.5 N	58999.38	5200 N		58999.28
	5250 N	58996.59	5187.5 N	58997.47	
	5237.5 N	58996.03	5175 N	58999.80	
	5225 N	58996.32	5162.5 N	58998.57	

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 3 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	
Line	Station		Line	Station		
4900 E (cont)	5150 N	58997.74	4800 E (cont)	5087.5 N	58995.31	
	5137.5 N	58998.99		5075 N	58995.33	
	5125 N	58997.80		5062.5 N	58996.87	
	5112.5 N	58999.77		5050 N	58996.84	
	5100 N	58995.72		5037.5 N	58996.53	
	5087.5 N	58996.73		5025 N	58994.99	
	5075 N	58999.31		5012.5 N	58995.49	
	5062.5 N	58997.15		5000 N	58995.52	
	5050 N	58998.85		4987.5 N	58997.16	
	5037.5 N	59000.73		4975 N	58996.58	
	5025 N	58997.45		4962.5 N	58995.53	
	5012.5 N	58998.56		4950 N	58998.64	
	5000 N	59000.05		4937.5 N	58997.32	
	4987.5 N	58997.02		4925 N	58997.06	
	4975 N	58997.01		4912.5 N	58995.81	
	4962.5 N	58996.75		4900 N	58995.44	
	4950 N	58998.46		4700 E	5400 N	58998.53
	4937.5 N	58997.37			5387.5 N	58998.54
	4925 N	58999.94			5375 N	58997.99
	4912.5 N	59000.38	5362.5 N		58998.55	
4900 N	58996.46	5350 N	58998.29			
4800 E	5400 N	58997.09	5337.5 N		58999.16	
	5387.5 N	58996.32	5325 N		58997.45	
	5375 N	58996.59	5312.5 N		58996.26	
	5362.5 N	58995.50	5300 N		58997.68	
	5350 N	58995.82	5287.5 N		58998.38	
	5337.5 N	58995.99	5275 N	58998.06		
	5325 N	58995.97	5262.5 N	58998.57		
	5312.5 N	58997.55	5250 N	58995.75		
	5300 N	58998.22	5237.5 N	58996.69		
	5287.5 N	58997.34	5225 N	58995.35		
	5275 N	58996.24	5212.5 N	58994.99		
	5262.5 N	58995.20	5200 N	58997.32		
	5250 N	58995.18	5187.5 N	58998.45		
	5237.5 N	58997.93	5175 N	58997.64		
	5225 N	59000.22	5162.5 N	58997.04		
	5212.5 N	58995.75	5150 N	58997.26		
	5200 N	58998.20	5137.5 N	58996.96		
	5187.5 N	58995.80	5125 N	58997.79		
	5175 N	58997.18	5112.5 N	58996.73		
	5162.5 N	58998.28	5100 N	58996.87		
5150 N	58997.43	5087.5 N	58997.57			
5137.5 N	58997.48	5075 N	58996.57			
5125 N	58996.80	5062.5 N	58996.42			
5112.5 N	58997.37	5050 N	58995.66			
5100 N	58997.69	5037.5 N	58994.78			

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 3 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)
Line	Station		Line	Station	
4700 E (cont)	5025 N	58997.32			
	5012.5 N	58996.53			
	5000 N	58996.20			
	4987.5 N	58995.70			
	4975 N	58995.94			
	4962.5 N	58996.39			
	4950 N	58995.63			
	4937.5 N	58995.89			
	4925 N	58996.81			
	4912.5 N	58996.65			
	4900 N	58995.99			



**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 4**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER	GRID CO-ORDINATE		CORRECTED MAGNETOMETER
Line	Station	(nT)	Line	Station	(nT)
5100 E	5300 N	58998.04	5100 E (con't)	4725 N	59004.01
	5287.5 N	58996.77		4712.5 N	59004.25
	5275 N	58993.92	4700 N	59004.50	
	5262.5 N	58997.76	5000 E	5300 N	59008.64
	5250 N	58994.09		5287.5 N	59007.39
	5237.5 N	58992.55		5275 N	59006.45
	5225 N	58994.39		5262.5 N	59005.95
	5212.5 N	58993.08		5250 N	59007.12
	5200 N	58993.64		5237.5 N	59007.11
	5187.5 N	58992.72		5225 N	59006.95
	5175 N	58992.56		5212.5 N	59006.02
	5162.5 N	58993.69		5200 N	59004.38
	5150 N	58995.26		5187.5 N	59006.89
	5137.5 N	58997.52		5175 N	59005.41
	5125 N	58997.90		5162.5 N	59007.25
	5112.5 N	58997.98		5150 N	59003.34
	5100 N	58998.14		5137.5 N	59004.75
	5087.5 N	58999.74		5125 N	59006.08
	5075 N	59000.04		5112.5 N	59006.61
	5062.5 N	59001.51		5100 N	59006.74
	5050 N	59001.79		5087.5 N	59006.80
	5037.5 N	59001.95		5075 N	59006.48
	5025 N	59002.57		5062.5 N	59007.99
	5012.5 N	59002.52		5050 N	59006.91
	5000 N	59003.60		5037.5 N	59006.58
	4987.5 N	59003.58		5025 N	59006.05
	4975 N	59003.52		5012.5 N	59004.00
	4962.5 N	59003.46		5000 N	59007.14
	4950 N	59003.47		4987.5 N	59005.40
	4937.5 N	59003.23		4975 N	59004.87
	4925 N	59003.34		4962.5 N	59005.97
	4912.5 N	59003.42	4950 N	59004.79	
4900 N	59003.03	4937.5 N	59006.96		
4887.5 N	59003.12	4925 N	59005.85		
4875 N	59003.96	4912.5 N	59005.94		
4862.5 N	59003.82	4900 N	59005.01		
4850 N	59002.88	4887.5 N	59005.49		
4837.5 N	59003.01	4875 N	59005.14		
4825 N	59002.74	4862.5 N	59005.96		
4812.5 N	59002.88	4850 N	59005.25		
4800 N	59002.60	4837.5 N	59004.90		
4787.5 N	59002.88	4825 N	59005.07		
4775 N	59003.03	4812.5 N	59006.28		
4762.5 N	59003.62	4800 N	59004.02		
4750 N	59004.12	4787.5 N	59006.47		
4737.5 N	59004.12	4775 N	59005.89		

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 4 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)
Line	Station		Line	Station	
5000 E (con't)	4762.5 N	59005.33	4900 E (con't)	4800 N	59005.36
	4750 N	59004.47		4787.5 N	59002.91
	4737.5 N	59004.28		4775 N	59004.15
	4725 N	59004.45		4762.5 N	59002.84
4900 E	4712.5 N	59005.16	4750 N	59003.42	
	4700 N	59003.60	4737.5 N	59002.59	
	5300 N	59004.13	4725 N	59002.98	
	5287.5 N	59004.59	4712.5 N	59004.62	
	5275 N	59005.39	4700 N	59004.27	
	5262.5 N	59005.17	4800 E	5300 N	59006.75
	5250 N	59005.90		5287.5 N	59005.95
	5237.5 N	59005.11		5275 N	59006.77
	5225 N	59005.81		5262.5 N	59006.35
	5212.5 N	59005.59		5250 N	59005.89
	5200 N	59004.29		5237.5 N	59007.00
	5187.5 N	59004.83		5225 N	59006.19
	5175 N	59004.56		5212.5 N	59005.41
	5162.5 N	59004.16		5200 N	59006.82
	5150 N	59003.90		5187.5 N	59005.82
	5137.5 N	59002.65		5175 N	59006.09
	5125 N	59003.89		5162.5 N	59006.37
	5112.5 N	59004.47		5150 N	59006.58
	5100 N	59005.12		5137.5 N	59005.63
	5087.5 N	59004.24		5125 N	59008.83
	5075 N	59004.69		5112.5 N	59005.56
	5062.5 N	59003.87	5100 N	59005.59	
	5050 N	59004.02	5087.5 N	59005.76	
	5037.5 N	59003.69	5075 N	59005.72	
	5025 N	59004.45	5062.5 N	59006.23	
	5012.5 N	59004.53	5050 N	59005.70	
	5000 N	59003.19	5037.5 N	59005.53	
	4987.5 N	59003.16	5025 N	59007.31	
	4975 N	59002.82	5012.5 N	59005.48	
	4962.5 N	59004.48	5000 N	59004.65	
	4950 N	59004.99	4987.5 N	59006.22	
	4937.5 N	59004.04	4975 N	59004.84	
4925 N	59003.77	4962.5 N	59005.75		
4912.5 N	59004.72	4950 N	59007.45		
4900 N	59005.85	4937.5 N	59004.26		
4887.5 N	59002.23	4925 N	59004.03		
4875 N	59003.89	4912.5 N	59006.23		
4862.5 N	59004.69	4900 N	59006.90		
4850 N	59004.26	4887.5 N	59006.59		
4837.5 N	59003.94	4875 N	59003.81		
4825 N	59003.27	4862.5 N	59004.98		
4812.5 N	59006.38	4850 N	59004.96		

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 4 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER	GRID CO-ORDINATE		CORRECTED MAGNETOMETER
Line	Station	(nT)	Line	Station	(nT)
4800 E (cont)	4837.5 N	59004.87			
	4825 N	59002.87			
	4812.5 N	59004.54			
	4800 N	59006.20			
	4787.5 N	59002.01			
	4775 N	59003.05			
	4762.5 N	59004.04			
	4750 N	59006.46			
	4737.5 N	59004.47			
	4725 N	59005.90			
	4712.5 N	59005.81			
	4700 N	59004.74			

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 5**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER	GRID CO-ORDINATE		CORRECTED MAGNETOMETER
Line	Station	(nT)	Line	Station	(nT)
5300 E	5300 N	58996.88	5300 E	4725 N	lake
	5287.5 N	58998.68		(con't)	4712.5 N
	5275 N	58996.03		4700 N	lake
	5262.5 N	58996.81	5200 E	5300 N	59003.99
	5250 N	58998.63		5287.5 N	59004.18
	5237.5 N	58998.50		5275 N	59004.14
	5225 N	58995.91		5262.5 N	59005.26
	5212.5 N	58995.16		5250 N	59002.68
	5200 N	58997.33		5237.5 N	59001.94
	5187.5 N	58996.36		5225 N	59002.01
	5175 N	58996.18		5212.5 N	59002.33
	5162.5 N	58997.70		5200 N	59002.58
	5150 N	58995.39		5187.5 N	59001.74
	5137.5 N	58998.23		5175 N	59003.60
	5125 N	58996.31		5162.5 N	59002.30
	5112.5 N	58997.19		5150 N	59004.78
	5100 N	58996.42		5137.5 N	59003.62
	5087.5 N	58997.40		5125 N	59003.84
	5075 N	58995.35		5112.5 N	59004.16
	5062.5 N	58996.41		5100 N	59004.47
	5050 N	58994.68		5087.5 N	59004.56
	5037.5 N	58997.54		5075 N	59004.49
	5025 N	58996.89		5062.5 N	59003.86
	5012.5 N	58994.76		5050 N	59003.44
	5000 N	58994.29		5037.5 N	59004.53
	4987.5 N	58994.26		5025 N	59003.56
	4975 N	58995.36		5012.5 N	59004.27
	4962.5 N	58994.48		5000 N	59005.46
	4950 N	58996.60		4987.5 N	59002.74
	4937.5 N	58993.82		4975 N	59001.29
	4925 N	58995.57		4962.5 N	59004.21
	4912.5 N	lake	4950 N	59002.70	
4900 N	lake	4937.5 N	59004.43		
4887.5 N	lake	4925 N	59003.33		
4875 N	lake	4912.5 N	59003.33		
4862.5 N	lake	4900 N	59002.94		
4850 N	lake	4887.5 N	lake		
4837.5 N	lake	4875 N	lake		
4825 N	lake	4862.5 N	lake		
4812.5 N	lake	4850 N	lake		
4800 N	lake	4837.5 N	lake		
4787.5 N	lake	4825 N	lake		
4775 N	lake	4812.5 N	lake		
4762.5 N	lake	4800 N	lake		
4750 N	lake	4787.5 N	lake		
4737.5 N	lake	4775 N	lake		

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 5 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER	GRID CO-ORDINATE		CORRECTED MAGNETOMETER
Line	Station	(nT)	Line	Station	(nT)
5200 E (cont')	4762.5 N	lake	5100 E (cont')	4800 N	lake
	4750 N	lake		4787.5 N	lake
	4737.5 N	lake		4775 N	lake
	4725 N	lake		4762.5 N	lake
	4712.5 N	lake		4750 N	lake
	4700 N	lake		4737.5 N	lake
5100 E	5300 N	59000.07	4725 N	lake	
	5287.5 N	59000.28	4712.5 N	lake	
	5275 N	58999.80	4700 N	lake	
	5262.5 N	59002.83	5000 E	5300 N	59002.70
	5250 N	59000.91		5287.5 N	59001.88
	5237.5 N	59001.97		5275 N	59003.02
	5225 N	58999.21		5262.5 N	59002.75
	5212.5 N	58999.62		5250 N	59002.60
	5200 N	58999.49		5237.5 N	59002.00
	5187.5 N	58998.46		5225 N	59001.31
	5175 N	58999.77		5212.5 N	59004.22
	5162.5 N	59000.01		5200 N	59003.12
	5150 N	58999.94		5187.5 N	59000.22
	5137.5 N	59000.04		5175 N	59001.68
	5125 N	58998.36		5162.5 N	59002.16
	5112.5 N	59001.21		5150 N	59002.98
	5100 N	58999.89		5137.5 N	59003.39
	5087.5 N	59000.34		5125 N	59001.78
	5075 N	59000.51		5112.5 N	59000.28
	5062.5 N	59001.02		5100 N	59002.92
	5050 N	58999.07		5087.5 N	59003.49
	5037.5 N	58999.28		5075 N	59000.39
	5025 N	59000.10		5062.5 N	59001.70
	5012.5 N	58998.29		5050 N	58999.74
	5000 N	58999.88		5037.5 N	59000.97
	4987.5 N	59000.10		5025 N	58999.55
	4975 N	58998.92		5012.5 N	59000.76
	4962.5 N	58999.29		5000 N	58999.76
	4950 N	59000.71		4987.5 N	59000.59
	4937.5 N	59000.17		4975 N	59000.79
	4925 N	58999.30		4962.5 N	59000.71
	4912.5 N	lake		4950 N	59000.66
4900 N	lake	4937.5 N		59000.57	
4887.5 N	lake	4925 N		59000.67	
4875 N	lake	4912.5 N		59000.59	
4862.5 N	lake	4900 N	59000.07		
4850 N	lake	4887.5 N	59000.83		
4837.5 N	lake	4875 N	59000.08		
4825 N	lake	4862.5 N	58999.67		
4812.5 N	lake	4850 N	58999.15		

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 5 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	
Line	Station		Line	Station		
5000 E (cont)	4837.5 N	59000.74	4900 E (cont)	4875 N	58996.15	
	4825 N	58999.57		4862.5 N	58995.40	
	4812.5 N	58999.85		4850 N	58996.39	
	4800 N	58999.40		4837.5 N	58996.79	
	4787.5 N	58999.43		4825 N	58995.73	
	4775 N	58999.24		4812.5 N	58994.37	
	4762.5 N	58999.35		4800 N	58995.19	
	4750 N	58998.62		4787.5 N	58994.52	
	4737.5 N	58997.99		4775 N	58996.35	
	4725 N	58999.66		4762.5 N	58996.62	
	4712.5 N	58998.02		4750 N	58995.68	
	4700 N	58996.44		4737.5 N	58995.99	
	4900 E	5300 N		59000.30	4725 N	58993.04
		5287.5 N		58998.86	4712.5 N	58994.53
5275 N		58998.97	4700 N	58995.58		
5262.5 N		58997.70	4800 E	5300 N	58997.62	
5250 N		58998.90		5287.5 N	58998.96	
5237.5 N		59000.15		5275 N	58997.62	
5225 N		58998.29		5262.5 N	58995.87	
5212.5 N		58999.22		5250 N	58997.36	
5200 N		58998.85		5237.5 N	58996.16	
5187.5 N		58998.92		5225 N	58995.79	
5175 N		58999.59		5212.5 N	58995.31	
5162.5 N		58998.18		5200 N	58998.32	
5150 N		58998.82		5187.5 N	58996.79	
5137.5 N		58997.95		5175 N	58999.05	
5125 N		58997.89		5162.5 N	58995.64	
5112.5 N		58997.81		5150 N	58994.94	
5100 N		58998.14		5137.5 N	58995.03	
5087.5 N		58999.55	5125 N	58996.60		
5075 N		59000.38	5112.5 N	58994.72		
5062.5 N		58999.31	5100 N	58993.85		
5050 N		58997.89	5087.5 N	58995.93		
5037.5 N		58999.69	5075 N	58994.08		
5025 N		58998.45	5062.5 N	58994.44		
5012.5 N		58997.71	5050 N	58995.91		
5000 N		58996.02	5037.5 N	58993.73		
4987.5 N		58996.61	5025 N	58996.90		
4975 N		58993.61	5012.5 N	58997.26		
4962.5 N		58995.15	5000 N	58998.46		
4950 N	58996.04	4987.5 N	58997.92			
4937.5 N	58994.87	4975 N	58997.87			
4925 N	58995.51	4962.5 N	58999.03			
4912.5 N	58996.96	4950 N	58996.31			
4900 N	58996.61	4937.5 N	58996.08			
4887.5 N	58995.64	4925 N	58995.68			

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 5 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)
Line	Station		Line	Station	
4800 E (con't)	4912.5 N	58994.07			
	4900 N	58993.73			
	4887.5 N	58996.15			
	4875 N	58997.25			
	4862.5 N	58997.00			
	4850 N	58996.67			
	4837.5 N	58996.26			
	4825 N	58995.66			
	4812.5 N	58993.43			
	4800 N	58994.25			
	4787.5 N	58994.90			
	4775 N	58995.90			
	4762.5 N	58995.58			
	4750 N	58994.27			
	4737.5 N	58993.34			
	4725 N	58994.21			
	4712.5 N	58993.94			
4700 N	58992.37				

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 6**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	
Line	Station		Line	Station		
5200 E	5300 N	59156.11	5200 E (con't)	4725 N	59158.19	
	5287.5 N	59156.99		4712.5 N	59158.44	
	5275 N	59156.99		4700 N	59157.85	
	5262.5 N	59155.21		4687.5 N	59158.39	
	5250 N	59157.53		4675 N	59159.20	
	5237.5 N	59156.48		4662.5 N	59158.69	
	5225 N	59156.81		4650 N	59157.02	
	5212.5 N	59156.55		5100 E	5300 N	59156.75
	5200 N	59156.28			5287.5 N	59158.41
	5187.5 N	59157.20			5275 N	59158.94
	5175 N	59156.57			5262.5 N	59157.80
	5162.5 N	59157.26			5250 N	59158.45
	5150 N	59158.13	5237.5 N		59157.71	
	5137.5 N	59155.91	5225 N		59158.18	
	5125 N	59157.33	5212.5 N		59157.37	
	5112.5 N	59156.05	5200 N		59157.83	
	5100 N	59157.64	5187.5 N		59158.73	
	5087.5 N	59156.64	5175 N		59156.05	
	5075 N	59157.91	5162.5 N		59155.85	
	5062.5 N	59157.21	5150 N		59156.70	
	5050 N	59159.00	5137.5 N		59157.02	
	5037.5 N	59157.60	5125 N		59157.52	
	5025 N	59157.54	5112.5 N		59158.27	
	5012.5 N	59157.59	5100 N		59156.81	
	5000 N	59156.69	5087.5 N		59156.04	
	4987.5 N	59156.22	5075 N		59156.98	
	4975 N	59157.84	5062.5 N		59160.85	
	4962.5 N	59157.02	5050 N	59158.02		
	4950 N	59157.31	5037.5 N	59158.37		
	4937.5 N	59158.78	5025 N	59156.84		
	4925 N	59157.43	5012.5 N	59159.65		
	4912.5 N	59157.34	5000 N	59159.42		
4900 N	59158.09	4987.5 N	59158.98			
4887.5 N	59156.95	4975 N	59158.51			
4875 N	59157.06	4962.5 N	59158.79			
4862.5 N	59157.20	4950 N	59158.37			
4850 N	59157.98	4937.5 N	59159.79			
4837.5 N	59156.12	4925 N	59159.49			
4825 N	59155.15	4912.5 N	59158.85			
4812.5 N	59156.45	4900 N	59159.13			
4800 N	59157.68	4887.5 N	59159.27			
4787.5 N	59157.23	4875 N	59159.90			
4775 N	59157.81	4862.5 N	59157.47			
4762.5 N	59157.24	4850 N	59158.14			
4750 N	59156.39	4837.5 N	59158.26			
4737.5 N	59158.16	4825 N	59158.41			



**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 6 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER	GRID CO-ORDINATE		CORRECTED MAGNETOMETER	
Line	Station	(nT)	Line	Station	(nT)	
5100 E (con't)	4812.5 N	59157.54	5000 E (con't)	4900 N	59159.42	
	4800 N	59159.73		4887.5 N	59158.17	
	4787.5 N	59157.67		4875 N	59158.54	
	4775 N	59159.18		4862.5 N	59159.35	
	4762.5 N	59156.95		4850 N	59158.79	
	4750 N	59158.46		4837.5 N	59159.62	
	4737.5 N	59159.43		4825 N	59158.14	
	4725 N	59158.62		4812.5 N	59158.66	
	4712.5 N	59158.52		4800 N	59157.12	
	4700 N	59158.10		4787.5 N	59155.90	
	4687.5 N	59158.48		4775 N	59156.36	
	4675 N	59158.50		4762.5 N	59156.45	
	4662.5 N	59158.80		4750 N	59158.21	
	4650 N	59160.08		4737.5 N	59158.37	
	5000 E	5300 N		59156.17	4725 N	59158.49
		5287.5 N		59156.05	4712.5 N	59158.56
		5275 N		59155.33	4700 N	59158.33
5262.5 N		59155.26	4900 E	4687.5 N	59159.04	
5250 N		59156.42		4675 N	59157.56	
5237.5 N		59155.69		4662.5 N	59159.83	
5225 N		59153.94		4650 N	59155.99	
5212.5 N		59154.63		5300 N	59154.88	
5200 N		59154.09		5287.5 N	59155.45	
5187.5 N		59154.79		5275 N	59155.34	
5175 N		59156.33		5262.5 N	59157.47	
5162.5 N		59154.38		5250 N	59156.31	
5150 N		59155.03		5237.5 N	59155.30	
5137.5 N		59156.23		5225 N	59155.70	
5125 N		59157.34		5212.5 N	59156.14	
5112.5 N		59157.38		5200 N	59155.08	
5100 N		59157.08		5187.5 N	59155.40	
5087.5 N		59155.34		5175 N	59155.28	
5075 N		59156.64		5162.5 N	59154.06	
5062.5 N		59157.06		5150 N	59155.15	
5050 N		59156.69	5137.5 N	59153.13		
5037.5 N		59157.49	5125 N	59157.69		
5025 N		59154.53	5112.5 N	59157.09		
5012.5 N	59153.60	5100 N	59158.55			
5000 N	59147.99	5087.5 N	59158.82			
4987.5 N	59156.18	5075 N	59156.30			
4975 N	59156.54	5062.5 N	59156.14			
4962.5 N	59158.41	5050 N	59158.03			
4950 N	59156.82	5037.5 N	59156.55			
4937.5 N	59158.40	5025 N	59156.57			
4925 N	59156.76	5012.5 N	59156.66			
4912.5 N	59158.73	5000 N	59156.92			

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 6 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	
Line	Station		Line	Station		
4900 E (con't)	4987.5 N	59156.99	4800 E (con't)	5075 N	59158.78	
	4975 N	59156.98		5062.5 N	59159.49	
	4962.5 N	59156.43		5050 N	59160.43	
	4950 N	59157.15		5037.5 N	59159.75	
	4937.5 N	59157.94		5025 N	59156.69	
	4925 N	59156.33		5012.5 N	59157.76	
	4912.5 N	59156.21		5000 N	59155.96	
	4900 N	59158.84		4987.5 N	59157.64	
	4887.5 N	59156.94		4975 N	59156.40	
	4875 N	59156.91		4962.5 N	59157.56	
	4862.5 N	59157.68		4950 N	59155.92	
	4850 N	59157.67		4937.5 N	59156.52	
	4837.5 N	59158.87		4925 N	59157.97	
	4825 N	59159.08		4912.5 N	59158.77	
	4812.5 N	59158.30		4900 N	59157.87	
	4800 N	59160.14		4887.5 N	59157.90	
	4787.5 N	59160.16		4875 N	59159.75	
	4775 N	59158.35		4862.5 N	59158.13	
	4762.5 N	59159.63		4850 N	59159.41	
	4750 N	59159.41		4837.5 N	59158.79	
	4737.5 N	59159.87		4825 N	59158.52	
	4725 N	59161.49		4812.5 N	59157.52	
	4712.5 N	59158.52		4800 N	59158.00	
	4700 N	59157.73		4787.5 N	59156.13	
	4687.5 N	59158.34		4775 N	59155.63	
	4675 N	59158.78		4762.5 N	59159.61	
	4662.5 N	59158.69		4750 N	59159.48	
	4650 N	59160.13		4737.5 N	59159.05	
	4800 E	5300 N		59159.67	4725 N	59159.20
		5287.5 N		59158.02	4712.5 N	59156.46
		5275 N		59157.28	4700 N	59160.52
		5262.5 N		59158.11	4687.5 N	59159.65
	5250 N	59159.83	4675 N	59158.89		
	5237.5 N	59157.59	4662.5 N	59157.37		
	5225 N	59157.81	4650 N	59159.62		
	5212.5 N	59159.27				
	5200 N	59159.50				
	5187.5 N	59158.76				
	5175 N	59158.39				
	5162.5 N	59157.39				
	5150 N	59157.92				
	5137.5 N	59158.56				
	5125 N	59159.74				
	5112.5 N	59159.62				
	5100 N	59160.03				
	5087.5 N	59157.92				

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 7**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER	GRID CO-ORDINATE		CORRECTED MAGNETOMETER
Line	Station	(nT)	Line	Station	(nT)
5200 N	5500 E	58991.58	5100 N (cont')	5437.5 E	58994.70
	5487.5 E	58998.17		5425 E	58993.91
	5475 E	58995.14		5412.5 E	58993.68
	5462.5 E	58997.00		5400 E	58993.73
	5450 E	58997.97		5387.5 E	58994.14
	5437.5 E	58993.31		5375 E	58994.77
	5425 E	58992.17		5362.5 E	58994.00
	5412.5 E	58994.20		5350 E	58993.98
	5400 E	58992.47		5337.5 E	58993.25
	5387.5 E	58991.30		5325 E	58993.10
	5375 E	58993.57		5312.5 E	58992.99
	5362.5 E	58994.89		5300 E	58995.54
	5350 E	58993.74		5287.5 E	58993.67
	5337.5 E	58992.11		5275 E	58993.00
	5325 E	58993.12		5262.5 E	58993.26
	5312.5 E	58992.49		5250 E	58993.81
	5300 E	58993.39		5237.5 E	58995.22
	5287.5 E	58993.82		5225 E	58993.29
	5275 E	58992.53		5212.5 E	58995.04
	5262.5 E	58993.65		5200 E	58994.65
	5250 E	58993.11		5187.5 E	58993.59
	5237.5 E	58994.77		5175 E	58994.21
	5225 E	58991.70		5162.5 E	58994.05
	5212.5 E	58991.75		5150 E	58993.07
	5200 E	58993.19		5137.5 E	58992.90
	5187.5 E	58991.95		5125 E	58993.90
	5175 E	58992.35		5112.5 E	58994.25
	5162.5 E	58991.98		5100 E	58993.45
	5150 E	58992.72		5087.5 E	58992.51
	5137.5 E	58991.89		5075 E	58992.55
	5125 E	58990.92		5062.5 E	58993.36
	5112.5 E	58990.00		5050 E	58994.08
5100 E	58991.62	5037.5 E	58992.40		
5087.5 E	58991.88	5025 E	58993.90		
5075 E	58989.31	5012.5 E	58993.24		
5062.5 E	58993.76	5000 E	58991.28		
5050 E	58992.46	5000 N	5500 E	58995.28	
5037.5 E	58992.58		5487.5 E	58993.44	
5025 E	58991.99		5475 E	58994.13	
5012.5 E	58991.29		5462.5 E	58996.30	
5000 E	58992.07		5450 E	58994.74	
5100 N	5500 E		58992.95	5437.5 E	58996.00
	5487.5 E		58994.55	5425 E	58992.84
	5475 E		58995.56	5412.5 E	58996.71
	5462.5 E		58994.41	5400 E	58994.14
	5450 E		58994.42	5387.5 E	58993.75

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 7 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER	GRID CO-ORDINATE		CORRECTED MAGNETOMETER
Line	Station	(nT)	Line	Station	(nT)
5000 N (con't)	5375 E	58994.30	4900 N (con't)	5312.5 E	58994.05
	5362.5 E	58994.89		5300 E	58994.95
	5350 E	58994.24		5287.5 E	58994.66
	5337.5 E	58994.22		5275 E	58994.22
	5325 E	58993.82		5262.5 E	58994.81
	5312.5 E	58992.90		5250 E	58994.95
	5300 E	58992.85		5237.5 E	58994.18
	5287.5 E	58992.50		5225 E	58994.52
	5275 E	58993.27		5212.5 E	58993.84
	5262.5 E	58993.55		5200 E	58992.58
	5250 E	58993.64		5187.5 E	58993.52
	5237.5 E	58994.70		5175 E	58992.28
	5225 E	58993.53		5162.5 E	58993.26
	5212.5 E	58994.14		5150 E	58995.31
	5200 E	58993.89		5137.5 E	58994.34
	5187.5 E	58993.71		5125 E	58993.58
	5175 E	58995.20		5112.5 E	58993.93
	5162.5 E	58994.57		5100 E	58993.02
	5150 E	58992.41		5087.5 E	58994.25
	5137.5 E	58993.40		5075 E	58993.52
	5125 E	58993.31		5062.5 E	58994.79
	5112.5 E	58993.44		5050 E	58993.50
	5100 E	58991.28		5037.5 E	58993.38
	5087.5 E	58991.16		5025 E	58994.67
	5075 E	58993.34		5012.5 E	58993.84
	5062.5 E	58994.62		5000 E	58991.83
5050 E	58994.12	4800 N	5500 E	58993.54	
5037.5 E	58994.77		5487.5 E	59003.76	
5025 E	58994.37		5475 E	58992.26	
5012.5 E	58993.17		5462.5 E	58993.39	
5000 E	58992.37		5450 E	58994.79	
4900 N	5500 E		58993.68	5437.5 E	58995.56
	5487.5 E		58994.89	5425 E	58998.58
	5475 E		58995.79	5412.5 E	58997.37
	5462.5 E		58993.21	5400 E	58997.46
	5450 E		58994.97	5387.5 E	58995.78
	5437.5 E		58993.96	5375 E	58993.90
	5425 E		58995.18	5362.5 E	58992.01
	5412.5 E		58996.40	5350 E	58993.38
	5400 E		58991.80	5337.5 E	58994.47
	5387.5 E	58992.33	5325 E	58996.97	
	5375 E	58995.24	5312.5 E	58994.72	
	5362.5 E	58993.74	5300 E	58995.43	
	5350 E	58994.60	5287.5 E	58995.71	
	5337.5 E	58994.78	5275 E	58994.76	
5325 E	58993.52	5262.5 E	58993.30		

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 7 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER	GRID CO-ORDINATE		CORRECTED MAGNETOMETER
Line	Station	(nT)	Line	Station	(nT)
4800 N (con't)	5250 E	58996.22			
	5237.5 E	58995.04			
	5225 E	58995.60			
	5212.5 E	58994.16			
	5200 E	58994.20			
	5187.5 E	58992.87			
	5175 E	58994.44			
	5162.5 E	58994.06			
	5150 E	58993.89			
	5137.5 E	58992.46			
	5125 E	58993.87			
	5112.5 E	58993.41			
	5100 E	58994.07			
	5087.5 E	58992.65			
	5075 E	58994.93			
	5062.5 E	58993.84			
	5050 E	58993.69			
	5037.5 E	58993.31			
5025 E	58993.54				
5012.5 E	58993.51				
5000 E	58992.28				

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 8**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER	GRID CO-ORDINATE		CORRECTED MAGNETOMETER
Line	Station	(nT)	Line	Station	(nT)
5800 N	7500 E	57993.71	5800 N (cont')	6925 E	58001.03
	7487.5 E	57994.07		6912.5 E	58000.38
	7475 E	57993.06		6900 E	58001.99
	7462.5 E	57993.47		6887.5 E	58001.32
	7450 E	57994.39		6875 E	58001.52
	7437.5 E	57995.32		6862.5 E	58001.04
	7425 E	57996.32		6850 E	58000.37
	7412.5 E	57994.68		6837.5 E	58000.38
	7400 E	57995.48		6825 E	58000.80
	7387.5 E	57995.61		6812.5 E	58001.62
	7375 E	57995.62		6800 E	58001.88
	7362.5 E	57997.70		6787.5 E	58001.43
	7350 E	57997.19		6775 E	58000.16
	7337.5 E	58000.84		6762.5 E	58000.69
	7325 E	57999.33		6750 E	57999.94
	7312.5 E	57997.44		6737.5 E	58003.77
	7300 E	57990.95		6725 E	58002.71
	7287.5 E	57987.03		6712.5 E	58007.18
	7275 E	57980.04		6700 E	58006.08
	7262.5 E	57973.55		6687.5 E	58005.03
	7250 E	57956.62		6675 E	58001.62
	7237.5 E	57904.83		6662.5 E	58002.10
	7225 E	57740.27		6650 E	58001.68
	7212.5 E	59662.24		6637.5 E	58001.10
	7200 E	58016.75		6625 E	58001.68
	7187.5 E	58006.33		6612.5 E	58006.95
	7175 E	58004.49		6600 E	58002.96
	7162.5 E	58003.02		6587.5 E	58002.48
	7150 E	58003.62		6575 E	58002.64
	7137.5 E	58002.24		6562.5 E	58001.70
	7125 E	58000.87		6550 E	57998.77
	7112.5 E	58001.07		6537.5 E	57999.27
7100 E	58000.73	6525 E	57999.50		
7087.5 E	58000.87	6512.5 E	58000.17		
7075 E	57999.51	6500 E	58000.24		
7062.5 E	58001.66	6487.5 E	58005.99		
7050 E	58001.24	6475 E	58003.48		
7037.5 E	58001.70	6462.5 E	58004.83		
7025 E	58001.99	6450 E	58004.79		
7012.5 E	58000.22	6437.5 E	58002.56		
7000 E	58000.74	6425 E	58002.26		
6987.5 E	58000.96	6412.5 E	58001.96		
6975 E	58000.75	6400 E	58000.88		
6962.5 E	58002.15	6387.5 E	57999.98		
6950 E	58000.79	6375 E	58000.95		
6937.5 E	58001.14	6362.5 E	58001.77		

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 8 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER	GRID CO-ORDINATE		CORRECTED MAGNETOMETER
Line	Station	(nT)	Line	Station	(nT)
5800 N (cont)	6350 E	57997.14	5800 N (cont)	5775 E	57999.65
	6337.5 E	57999.51		5762.5 E	57999.70
	6325 E	58000.78		5750 E	
	6312.5 E	58003.05		5737.5 E	
	6300 E	58001.69		5725 E	
	6287.5 E	58001.48		5712.5 E	
	6275 E	58000.69		5700 E	
	6262.5 E	58000.98		5687.5 E	
	6250 E	58000.28		5675 E	
	6237.5 E	58001.96		5662.5 E	
	6225 E	58001.47		5650 E	
	6212.5 E	58001.63		5637.5 E	
	6200 E	58001.04		5625 E	
	6187.5 E	58001.80		5612.5 E	
	6175 E	58002.67		5600 E	
	6162.5 E	58000.90		5587.5 E	
	6150 E	58001.93		5575 E	
	6137.5 E	58001.44		5562.5 E	
	6125 E	58001.75		5550 E	
	6112.5 E	58001.51		5537.5 E	
	6100 E	58000.74		5525 E	
	6087.5 E	58001.10		5512.5 E	
	6075 E	58001.01		5500 E	
	6062.5 E	58001.56		5487.5 E	
	6050 E	58001.16		5475 E	
	6037.5 E	58001.16		5462.5 E	
	6025 E	58001.06		5450 E	
	6012.5 E	58000.41		5400 E	
	6000 E	58001.51		5350 E	
	5987.5 E	58001.34		5300 E	
	5975 E	58002.84		5250 E	
	5962.5 E	58003.55		5200 E	
	5950 E	58003.59		5150 E	
5937.5 E	58002.58	5100 E			
5925 E	58001.25	5050 E			
5912.5 E	58000.74	5000 E			
5900 E	57999.48	4950 E			
5887.5 E	57999.37	4900 E			
5875 E	58003.98	4850 E			
5862.5 E	58000.05	4800 E			
5850 E	57999.57	4750 E			
5837.5 E	57999.72	4700 E			
5825 E	57999.84	4650 E			
5812.5 E	57996.82	4600 E			
5800 E	57999.44	4550 E			
5787.5 E	57999.66	4500 E			
			5700 N	7500 E	57996.79
				7487.5 E	57997.14
				7475 E	57998.26
				7462.5 E	57999.17
				7450 E	57998.60
				7437.5 E	57999.12
				7425 E	57998.46
				7412.5 E	57998.71
				7400 E	57997.40
				7387.5 E	57997.40
				7375 E	57993.43
				7362.5 E	57988.82
				7350 E	57982.63
				7337.5 E	57983.72
				7325 E	57992.64
				7312.5 E	57997.27
				7300 E	58003.47
				7287.5 E	58007.48
				7275 E	58009.35

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 8 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)
Line	Station		Line	Station	
5700 N (con't)	7262.5 E	58010.72	5700 N (con't)	6687.5 E	58002.85
	7250 E	58010.09		6675 E	58000.38
	7237.5 E	58008.21		6662.5 E	58002.61
	7225 E	58006.89		6650 E	58004.02
	7212.5 E	58005.67		6637.5 E	58003.70
	7200 E	58004.35		6625 E	58001.84
	7187.5 E	58004.07		6612.5 E	58000.32
	7175 E	58003.34		6600 E	58001.34
	7162.5 E	58002.53		6587.5 E	58001.19
	7150 E	58002.01		6575 E	58000.70
	7137.5 E	58001.86		6562.5 E	58001.61
	7125 E	58002.81		6550 E	58001.32
	7112.5 E	58001.37		6537.5 E	58004.65
	7100 E	58002.01		6525 E	58005.42
	7087.5 E	58002.60		6512.5 E	58005.94
	7075 E	58002.33		6500 E	58005.63
	7062.5 E	58000.56		6487.5 E	58002.58
	7050 E	58002.11		6475 E	58001.19
	7037.5 E	58001.85		6462.5 E	57999.08
	7025 E	58000.87		6450 E	58001.21
	7012.5 E	58001.66		6437.5 E	57999.02
	7000 E	58001.46		6425 E	57999.83
	6987.5 E	58001.33		6412.5 E	58002.97
	6975 E	58001.58		6400 E	58004.58
	6962.5 E	58001.97		6387.5 E	58005.40
	6950 E	58002.40		6375 E	58005.75
	6937.5 E	58003.40		6362.5 E	58005.98
	6925 E	58001.47		6350 E	58006.58
	6912.5 E	58000.50		6337.5 E	58003.81
	6900 E	58000.94		6325 E	58003.37
	6887.5 E	58000.86		6312.5 E	58003.30
	6875 E	58000.56		6300 E	58005.91
6862.5 E	58003.08	6287.5 E	58003.90		
6850 E	58000.69	6275 E	58002.82		
6837.5 E	58001.25	6262.5 E	58000.80		
6825 E	58001.75	6250 E	58001.56		
6812.5 E	58000.80	6237.5 E	58003.67		
6800 E	58003.31	6225 E	58003.21		
6787.5 E	58001.19	6212.5 E	58002.23		
6775 E	58001.05	6200 E	58003.52		
6762.5 E	58000.87	6187.5 E	58002.77		
6750 E	58000.93	6175 E	58003.35		
6737.5 E	58001.97	6162.5 E	58002.76		
6725 E	58000.67	6150 E	58002.80		
6712.5 E	58000.94	6137.5 E	58002.72		
6700 E	58002.38	6125 E	58001.04		



**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 8 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER	GRID CO-ORDINATE		CORRECTED MAGNETOMETER	
Line	Station	(nT)	Line	Station	(nT)	
5700 N (con't)	6112.5 E	58002.42	5700 N (con't)	5537.5 E	58001.03	
	6100 E	58001.77		5525 E	58001.42	
	6087.5 E	58002.48		5512.5 E	58002.34	
	6075 E	58002.46		5500 E	58000.42	
	6062.5 E	58003.37		5487.5 E		
	6050 E	58002.82		5475 E		
	6037.5 E	58002.89		5462.5 E		
	6025 E	58003.64		5450 E		
	6012.5 E	58003.56		5600 N	7500 E	57997.34
	6000 E	58003.26			7487.5 E	57997.91
	5987.5 E	58002.79	7475 E		57999.54	
	5975 E	58002.61	7462.5 E		58006.18	
	5962.5 E	58003.36	7450 E		57996.37	
	5950 E	58003.10	7437.5 E		57998.27	
	5937.5 E	58002.71	7425 E		57998.57	
	5925 E	58003.15	7412.5 E		57999.24	
	5912.5 E	58003.67	7400 E		57999.47	
	5900 E	58003.67	7387.5 E		58000.51	
	5887.5 E	58003.24	7375 E		57999.05	
	5875 E	58002.43	7362.5 E		57999.48	
	5862.5 E	58003.36	7350 E		57999.61	
	5850 E	58002.33	7337.5 E		58001.48	
	5837.5 E	58003.55	7325 E		58000.88	
	5825 E	58002.85	7312.5 E		58001.97	
	5812.5 E	58002.92	7300 E		58002.32	
	5800 E	58002.55	7287.5 E		58002.49	
	5787.5 E	58003.05	7275 E		58002.25	
	5775 E	58002.32	7262.5 E		58000.83	
	5762.5 E	58002.91	7250 E		58001.53	
	5750 E	58006.44	7237.5 E		58001.94	
	5737.5 E	58003.23	7225 E		58002.47	
	5725 E	58002.67	7212.5 E	58001.81		
	5712.5 E	58002.70	7200 E	58001.34		
5700 E	58002.24	7187.5 E	58001.40			
5687.5 E	58002.63	7175 E	58001.18			
5675 E	58002.10	7162.5 E	58002.10			
5662.5 E	58002.61	7150 E	58001.74			
5650 E	58002.27	7137.5 E	58001.96			
5637.5 E	58002.77	7125 E	58001.68			
5625 E	58001.52	7112.5 E	58001.59			
5612.5 E	58002.32	7100 E	58002.37			
5600 E	58001.78	7087.5 E	58002.05			
5587.5 E	58002.38	7075 E	58001.18			
5575 E	58002.42	7062.5 E	58001.56			
5562.5 E	58001.62	7050 E	58002.03			
5550 E	58002.15	7037.5 E	58002.68			

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 8 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER	GRID CO-ORDINATE		CORRECTED MAGNETOMETER
Line	Station	(nT)	Line	Station	(nT)
5600 N (con't)	7025 E	58002.22	5600 N (con't)	6450 E	58001.11
	7012.5 E	58002.96		6437.5 E	57999.98
	7000 E	58001.64		6425 E	58008.06
	6987.5 E	58003.07		6412.5 E	58007.93
	6975 E	58002.07		6400 E	58007.23
	6962.5 E	58002.56		6387.5 E	58007.27
	6950 E	58002.61		6375 E	58006.14
	6937.5 E	58003.43		6362.5 E	58001.83
	6925 E	58003.24		6350 E	58001.58
	6912.5 E	58001.94		6337.5 E	58002.70
	6900 E	58001.14		6325 E	58002.21
	6887.5 E	58001.95		6312.5 E	58003.33
	6875 E	58002.07		6300 E	58003.20
	6862.5 E	58003.17		6287.5 E	58001.82
	6850 E	58004.00		6275 E	58001.51
	6837.5 E	58002.58		6262.5 E	58001.72
	6825 E	58002.42		6250 E	58002.71
	6812.5 E	58002.33		6237.5 E	58003.27
	6800 E	58001.72		6225 E	58003.37
	6787.5 E	58002.49		6212.5 E	58003.53
	6775 E	58002.04		6200 E	58003.29
	6762.5 E	58001.15		6187.5 E	58003.89
	6750 E	58005.61		6175 E	58004.18
	6737.5 E	58003.23		6162.5 E	58003.37
	6725 E	58003.91		6150 E	58003.14
	6712.5 E	58003.25		6137.5 E	58003.54
	6700 E	58004.93		6125 E	58004.33
	6687.5 E	58004.95		6112.5 E	58003.17
	6675 E	58005.94		6100 E	58003.14
	6662.5 E	58004.80		6087.5 E	58002.74
	6650 E	58003.72		6075 E	58002.83
	6637.5 E	58004.78		6062.5 E	58003.08
6625 E	58003.22	6050 E	58003.03		
6612.5 E	58004.00	6037.5 E	58002.69		
6600 E	58003.73	6025 E	58003.67		
6587.5 E	58001.77	6012.5 E	58003.38		
6575 E	58002.69	6000 E	58003.29		
6562.5 E	58002.77	5987.5 E	58003.81		
6550 E	58002.95	5975 E	58003.96		
6537.5 E	58005.43	5962.5 E	58003.73		
6525 E	58004.88	5950 E	58003.68		
6512.5 E	58001.37	5937.5 E	58003.46		
6500 E	58000.85	5925 E	58003.84		
6487.5 E	58004.48	5912.5 E	58003.67		
6475 E	58005.23	5900 E	58004.03		
6462.5 E	58007.48	5887.5 E	58002.97		

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 8 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER	GRID CO-ORDINATE		CORRECTED MAGNETOMETER
Line	Station	(nT)	Line	Station	(nT)
5600 N (con't)	5875 E	58003.61	5500 N (con't)	7362.5 E	58001.08
	5862.5 E	58003.97		7350 E	58002.54
	5850 E	58004.02		7337.5 E	57999.28
	5837.5 E	58004.28		7325 E	58000.21
	5825 E	58003.53		7312.5 E	57999.33
	5812.5 E	58003.99		7300 E	58000.83
	5800 E	58002.90		7287.5 E	58001.56
	5787.5 E	58003.11		7275 E	58001.30
	5775 E	58002.08		7262.5 E	58001.40
	5762.5 E	58002.93		7250 E	58003.35
	5750 E	58003.73		7237.5 E	58002.14
	5737.5 E	58002.68		7225 E	58001.64
	5725 E	58003.03		7212.5 E	58000.86
	5712.5 E	58003.68		7200 E	58002.50
	5700 E	58003.79		7187.5 E	58001.41
	5687.5 E	58003.00		7175 E	58001.59
	5675 E	58002.69		7162.5 E	58002.51
	5662.5 E	58002.61		7150 E	58001.84
	5650 E	58002.88		7137.5 E	58001.08
	5637.5 E	58002.89		7125 E	58002.79
	5625 E	58003.36		7112.5 E	58001.86
	5612.5 E	58002.73		7100 E	58001.77
	5600 E	58001.33		7087.5 E	57998.60
	5587.5 E	58002.81		7075 E	58002.39
	5575 E	58003.33		7062.5 E	58001.73
	5562.5 E	58002.38		7050 E	58001.45
	5550 E	58003.13		7037.5 E	58001.50
	5537.5 E	58002.75		7025 E	58002.32
	5525 E	58003.63		7012.5 E	58003.44
	5512.5 E	58002.64		7000 E	58002.46
	5500 E	58003.65		6987.5 E	58003.59
	5487.5 E	58002.59		6975 E	58002.75
5475 E	58003.72	6962.5 E	58002.31		
5462.5 E		6950 E	58002.30		
5450 E		6937.5 E	58000.92		
5500 N	7500 E		6925 E	58001.13	
	7487.5 E	58002.45	6912.5 E	58003.81	
	7475 E	58000.46	6900 E	58006.64	
	7462.5 E	57998.79	6887.5 E	58006.21	
	7450 E	57998.98	6875 E	58005.28	
	7437.5 E	57997.60	6862.5 E	58006.58	
	7425 E	58000.31	6850 E	58001.55	
	7412.5 E	57999.12	6837.5 E	58000.18	
	7400 E	57999.59	6825 E	58001.95	
	7387.5 E	58000.50	6812.5 E	58001.70	
	7375 E	58000.12	6800 E	58003.20	

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 8 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)
Line	Station		Line	Station	
5500 N (con't)	6787.5 E		5500 N (con't)	6212.5 E	58002.69
	6775 E	58002.97		6200 E	58003.29
	6762.5 E	58002.77		6187.5 E	58002.96
	6750 E	58004.65		6175 E	58004.78
	6737.5 E	58001.89		6162.5 E	58004.72
	6725 E	58002.32		6150 E	58005.06
	6712.5 E	58005.27		6137.5 E	58004.38
	6700 E	58005.20		6125 E	58003.39
	6687.5 E	58006.36		6112.5 E	58003.04
	6675 E	58003.32		6100 E	58002.41
	6662.5 E	58001.28		6087.5 E	58003.02
	6650 E	58002.77		6075 E	58003.73
	6637.5 E	58002.87		6062.5 E	58004.15
	6625 E	57999.95		6050 E	58005.97
	6612.5 E	58005.95		6037.5 E	58003.19
	6600 E	58006.38		6025 E	58003.89
	6587.5 E	58006.58		6012.5 E	58004.19
	6575 E	58003.64		6000 E	58003.61
	6562.5 E	58005.43		5987.5 E	58004.13
	6550 E	58005.04		5975 E	58002.88
	6537.5 E	58004.80		5962.5 E	58003.82
	6525 E	58003.74		5950 E	58004.01
	6512.5 E	58004.29		5937.5 E	58003.69
	6500 E	58004.30		5925 E	58000.14
	6487.5 E	58002.87		5912.5 E	58002.92
	6475 E	58001.74		5900 E	58002.79
	6462.5 E	58003.95		5887.5 E	58004.01
	6450 E	58007.02		5875 E	58001.79
	6437.5 E	58004.19		5862.5 E	58003.20
	6425 E	58007.01		5850 E	58001.25
	6412.5 E	58005.00		5837.5 E	58001.17
	6400 E	58003.14		5825 E	58000.09
6387.5 E	58006.88	5812.5 E	58001.93		
6375 E	58004.93	5800 E	58001.32		
6362.5 E	58010.04	5787.5 E	58001.48		
6350 E	58004.20	5775 E	57999.82		
6337.5 E	58009.73	5762.5 E	58000.87		
6325 E	58003.26	5750 E	58002.31		
6312.5 E	58003.03	5737.5 E	58001.16		
6300 E	58004.00	5725 E	57999.93		
6287.5 E	58003.64	5712.5 E	57998.91		
6275 E	58003.37	5700 E	58004.57		
6262.5 E	58002.78	5687.5 E	58003.77		
6250 E	58000.08	5675 E	58003.97		
6237.5 E	58001.35	5662.5 E	58001.58		
6225 E	58002.48	5650 E	58001.65		

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 8 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER	GRID CO-ORDINATE		CORRECTED MAGNETOMETER	
Line	Station	(nT)	Line	Station	(nT)	
5500 N (cont)	5637.5 E	58002.30	5400 N (cont)	7125 E	58003.78	
	5625 E	58000.97		7112.5 E	58003.64	
	5612.5 E	58000.69		7100 E	58005.01	
	5600 E	57999.57		7087.5 E	58003.42	
	5587.5 E	57999.68		7075 E	58003.52	
	5575 E	58002.69		7062.5 E	58003.70	
	5562.5 E	58001.07		7050 E	58004.37	
	5550 E	58003.62		7037.5 E	58006.98	
	5537.5 E	58002.68		7025 E	58007.15	
	5525 E	57999.84		7012.5 E	58007.20	
	5512.5 E	58001.46		7000 E	58004.88	
	5500 E	58002.41		6987.5 E	58005.28	
	5487.5 E	58000.84		6975 E	58005.39	
	5475 E	57999.21		6962.5 E	58004.74	
	5462.5 E	58009.30		6950 E	58004.37	
	5450 E	58007.79		6937.5 E	58003.89	
	5400 N	7500 E		58002.01	6925 E	58007.83
		7487.5 E		58001.52	6912.5 E	58009.37
		7475 E		58000.69	6900 E	58005.42
		7462.5 E		58000.45	6887.5 E	58003.65
7450 E		57999.19	6875 E	58003.86		
7437.5 E		58000.77	6862.5 E	58007.97		
7425 E		58002.42	6850 E	58005.29		
7412.5 E		58004.25	6837.5 E	58003.67		
7400 E		58001.00	6825 E	58004.34		
7387.5 E		57993.02	6812.5 E	58005.99		
7375 E		57998.25	6800 E	58005.80		
7362.5 E		58001.44	6787.5 E	58007.88		
7350 E		58001.72	6775 E	58004.12		
7337.5 E		58004.30	6762.5 E	58004.81		
7325 E		58003.52	6750 E	58005.32		
7312.5 E		58001.23	6737.5 E	58005.40		
7300 E		58001.53	6725 E	58004.54		
7287.5 E		58003.19	6712.5 E	58004.87		
7275 E		58002.92	6700 E	58004.17		
7262.5 E		58003.48	6687.5 E	58004.12		
7250 E	58003.80	6675 E	58004.11			
7237.5 E	58004.33	6662.5 E	58010.96			
7225 E	58004.05	6650 E	58013.85			
7212.5 E	58002.96	6637.5 E	58006.75			
7200 E	58003.83	6625 E	58008.22			
7187.5 E	58003.74	6612.5 E	58004.92			
7175 E	58002.57	6600 E	58007.54			
7162.5 E	58004.22	6587.5 E	58007.55			
7150 E	58003.75	6575 E	58006.90			
7137.5 E	58003.76	6562.5 E	58007.17			

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 8 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)
Line	Station		Line	Station	
5400 N (cont)	6550 E	58006.57	5400 N (cont)	5975 E	58005.93
	6537.5 E	58011.00		5962.5 E	58004.92
	6525 E	58009.61		5950 E	58005.58
	6512.5 E	58005.21		5937.5 E	58005.90
	6500 E	58006.02		5925 E	58006.14
	6487.5 E	58006.09		5912.5 E	58006.00
	6475 E	58006.49		5900 E	58004.90
	6462.5 E	58005.55		5887.5 E	58006.17
	6450 E	58006.94		5875 E	58005.55
	6437.5 E	58005.48		5862.5 E	58005.88
	6425 E	58006.05		5850 E	58004.18
	6412.5 E	58005.64		5837.5 E	58005.17
	6400 E	58004.85		5825 E	58005.22
	6387.5 E	58005.63		5812.5 E	58005.36
	6375 E	58006.40		5800 E	58005.35
	6362.5 E	58005.69		5787.5 E	58005.03
	6350 E	58005.70		5775 E	58004.07
	6337.5 E	58005.91		5762.5 E	58004.02
	6325 E	58006.02		5750 E	58006.13
	6312.5 E	58006.27		5737.5 E	58007.68
	6300 E	58005.91		5725 E	58006.71
	6287.5 E	58005.83		5712.5 E	58005.39
	6275 E	58005.80		5700 E	58004.45
	6262.5 E	58005.66		5687.5 E	58004.28
	6250 E	58005.29		5675 E	58006.47
	6237.5 E	58010.18		5662.5 E	58005.06
	6225 E	58006.24		5650 E	58007.66
	6212.5 E	58006.12		5637.5 E	58005.07
	6200 E	58006.08		5625 E	58004.16
	6187.5 E	58006.32		5612.5 E	58006.70
	6175 E	58006.37		5600 E	58007.30
	6162.5 E	58006.23		5587.5 E	58006.54
6150 E	58005.88	5575 E	58003.07		
6137.5 E	58005.87	5562.5 E	58006.02		
6125 E	58006.21	5550 E	58004.90		
6112.5 E	58006.09	5537.5 E	58003.53		
6100 E	58006.38	5525 E	58003.79		
6087.5 E	58006.79	5512.5 E	58003.80		
6075 E	58006.47	5500 E	58006.35		
6062.5 E	58005.72	5487.5 E	58007.83		
6050 E	58004.01	5475 E	58005.82		
6037.5 E	58006.15	5462.5 E	58002.31		
6025 E	58006.26	5450 E	58001.88		
6012.5 E	58006.23	5300 N	7500 E		
6000 E	58005.81		7487.5 E	58003.46	
5987.5 E	58006.12		7475 E	58002.74	

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 8 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)
Line	Station		Line	Station	
5300 N (cont)	7462.5 E	58002.40	5300 N (cont)	6887.5 E	58005.60
	7450 E	58001.93		6875 E	58005.48
	7437.5 E	58002.80		6862.5 E	58004.20
	7425 E	58003.23		6850 E	58005.13
	7412.5 E	58005.65		6837.5 E	58011.96
	7400 E	58004.86		6825 E	58012.64
	7387.5 E	58004.37		6812.5 E	58004.24
	7375 E	58003.22		6800 E	58004.04
	7362.5 E	58004.42		6787.5 E	58004.70
	7350 E	58004.98		6775 E	58004.97
	7337.5 E	58005.17		6762.5 E	58006.17
	7325 E	58003.28		6750 E	58005.52
	7312.5 E	58005.44		6737.5 E	58004.87
	7300 E	58003.74		6725 E	58005.17
	7287.5 E	58001.66		6712.5 E	58005.63
	7275 E	58002.75		6700 E	58004.88
	7262.5 E	58004.11		6687.5 E	58006.16
	7250 E	58002.55		6675 E	58006.92
	7237.5 E	58004.46		6662.5 E	58006.65
	7225 E	58005.94		6650 E	58006.04
	7212.5 E	58004.25		6637.5 E	58005.51
	7200 E	58003.14		6625 E	58006.85
	7187.5 E	58003.76		6612.5 E	58008.98
	7175 E	58004.46		6600 E	58008.93
	7162.5 E	58003.51		6587.5 E	58009.30
	7150 E	58003.04		6575 E	58007.97
	7137.5 E	58005.29		6562.5 E	58006.37
	7125 E	58003.78		6550 E	58006.26
	7112.5 E	58007.10		6537.5 E	58004.86
	7100 E	58010.75		6525 E	58004.62
	7087.5 E	58007.77		6512.5 E	58005.12
	7075 E	58006.61		6500 E	58005.81
7062.5 E	58005.58	6487.5 E	58005.51		
7050 E	58006.36	6475 E	58005.97		
7037.5 E	58007.60	6462.5 E	58006.11		
7025 E	58005.96	6450 E	58005.96		
7012.5 E	58010.69	6437.5 E	58005.82		
7000 E	58007.48	6425 E	58005.74		
6987.5 E	58006.08	6412.5 E	58005.79		
6975 E	58004.01	6400 E	58005.41		
6962.5 E	58004.26	6387.5 E	58005.97		
6950 E	58004.79	6375 E	58006.10		
6937.5 E	58004.84	6362.5 E	58004.66		
6925 E	58004.51	6350 E	58005.94		
6912.5 E	58005.61	6337.5 E	58006.17		
6900 E	58005.74	6325 E	58005.64		

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 8 (continued)**

GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	
Line	Station		Line	Station		
5300 N (con't)	6312.5 E	58005.81	5300 N (con't)	5737.5 E	58005.14	
	6300 E	58006.30		5725 E	58009.03	
	6287.5 E	58005.45		5712.5 E	58005.54	
	6275 E	58005.98		5700 E	58005.17	
	6262.5 E	58006.35		5687.5 E	58006.34	
	6250 E	58010.52		5675 E	58007.42	
	6237.5 E	58006.46		5662.5 E	58008.66	
	6225 E	58006.36		5650 E	58007.37	
	6212.5 E	58005.97		5637.5 E	58006.06	
	6200 E	58003.10		5625 E	58005.44	
	6187.5 E	58006.53		5612.5 E	58006.16	
	6175 E	58006.62		5600 E	58004.13	
	6162.5 E	58005.89		5587.5 E	58004.84	
	6150 E	58005.71		5575 E	58004.16	
	6137.5 E	58006.90		5562.5 E	58003.69	
	6125 E	58006.18		5550 E	58003.60	
	6112.5 E	58006.35		5537.5 E	58003.46	
	6100 E	58004.75		5525 E	58005.14	
	6087.5 E	58006.12		5512.5 E	58005.07	
	6075 E	58006.67		5500 E	58006.30	
	6062.5 E	58006.45		5487.5 E	58010.14	
	6050 E	58006.80		5475 E	58010.42	
	6037.5 E	58006.53		5462.5 E	58004.73	
	6025 E	58007.27		5450 E	58009.38	
	6012.5 E	58006.85		5200 N	7500 E	58003.87
	6000 E	58007.08			7487.5 E	58003.61
	5987.5 E	58006.44			7475 E	58003.19
	5975 E	58006.84			7462.5 E	58003.65
	5962.5 E	58006.92			7450 E	58003.98
	5950 E	58006.27			7437.5 E	58003.65
	5937.5 E	58006.74			7425 E	58002.72
	5925 E	58006.53			7412.5 E	58003.34
5912.5 E	58006.09		7400 E	58003.22		
5900 E	58005.70		7387.5 E	58003.52		
5887.5 E	58005.29		7375 E	58004.22		
5875 E	58005.79		7362.5 E	58005.14		
5862.5 E	58006.28		7350 E	58005.88		
5850 E	58006.92		7337.5 E	58006.78		
5837.5 E	58006.36		7325 E	58004.81		
5825 E	58006.41		7312.5 E	58003.78		
5812.5 E	58006.07		7300 E	58003.70		
5800 E	58006.41		7287.5 E	58005.34		
5787.5 E	58005.90		7275 E	58004.28		
5775 E	58005.74		7262.5 E	58001.21		
5762.5 E	58004.89		7250 E	58002.95		
5750 E	58004.95		7237.5 E	58004.17		



**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 8 (continued)**

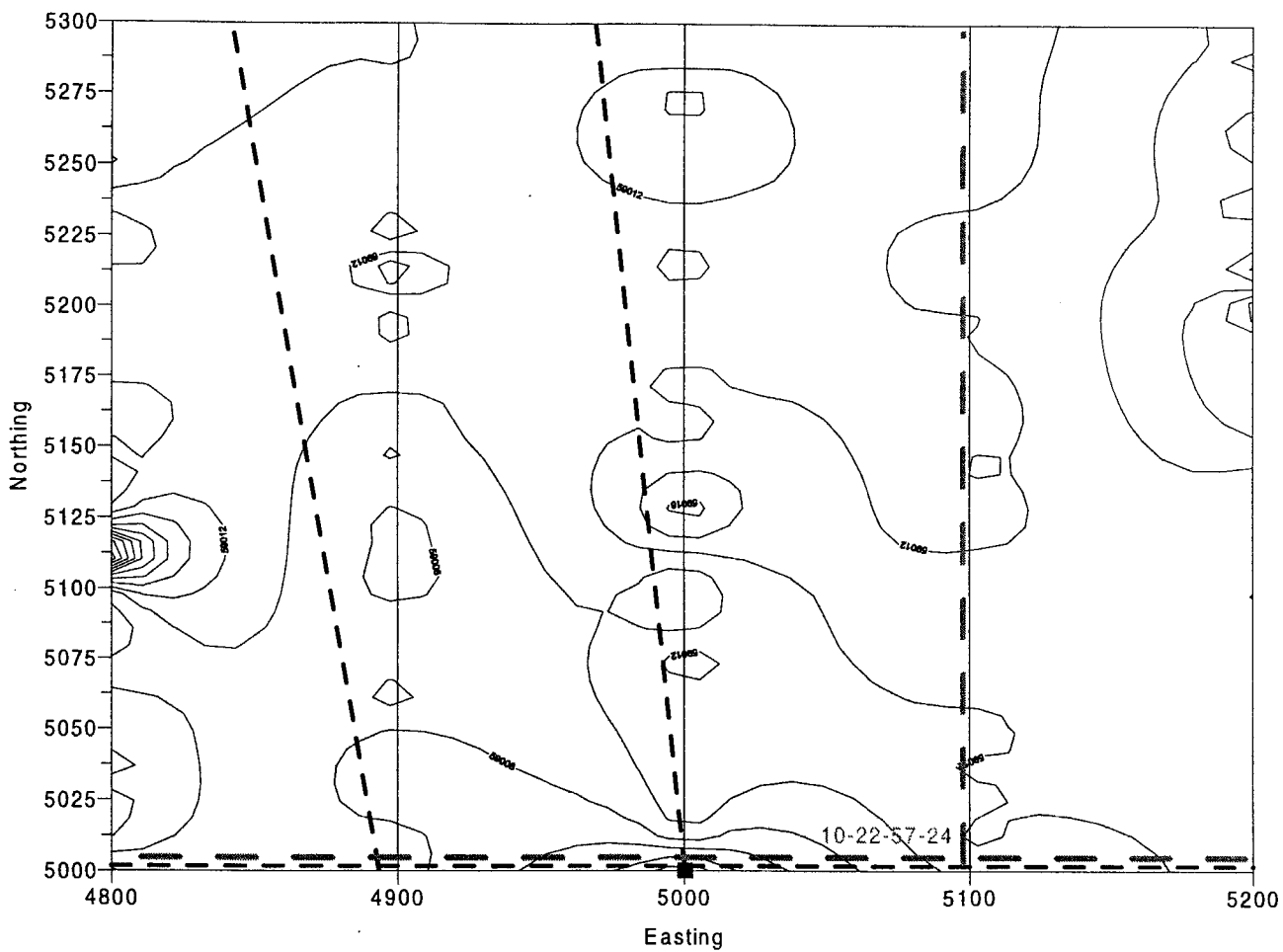
GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)
Line	Station		Line	Station	
5200 N (cont')	7225 E	58004.22	5200 N (cont')	6650 E	58005.44
	7212.5 E	58003.61		6637.5 E	58004.64
	7200 E	58003.10		6625 E	58003.79
	7187.5 E	58001.79		6612.5 E	58006.42
	7175 E	58008.08		6600 E	58010.01
	7162.5 E	58014.56		6587.5 E	58011.67
	7150 E	58007.16		6575 E	58009.61
	7137.5 E	58007.52		6562.5 E	58009.88
	7125 E	58003.74		6550 E	58009.10
	7112.5 E	58007.42		6537.5 E	58007.71
	7100 E	58004.34		6525 E	58006.43
	7087.5 E	58005.07		6512.5 E	58008.69
	7075 E	58005.75		6500 E	58007.39
	7062.5 E	58005.77		6487.5 E	58007.35
	7050 E	58004.70		6475 E	58006.63
	7037.5 E	58005.44		6462.5 E	58008.67
	7025 E	58007.04		6450 E	58010.87
	7012.5 E	58006.63		6437.5 E	58006.88
	7000 E	58008.50		6425 E	58008.24
	6987.5 E	58008.19		6412.5 E	58009.99
	6975 E	58005.89		6400 E	58007.22
	6962.5 E	58004.82		6387.5 E	58007.47
	6950 E	58004.53		6375 E	58009.07
	6937.5 E	58007.24		6362.5 E	58010.95
	6925 E	58007.38		6350 E	58011.37
	6912.5 E	58005.46		6337.5 E	58009.79
	6900 E	58005.90		6325 E	58010.84
	6887.5 E	58005.70		6312.5 E	58011.52
	6875 E	58006.09		6300 E	58009.98
	6862.5 E	58006.86		6287.5 E	58010.86
	6850 E	58009.04		6275 E	58007.14
	6837.5 E	58011.98		6262.5 E	58007.31
6825 E	58004.73	6250 E	58007.20		
6812.5 E	58004.98	6237.5 E	58005.52		
6800 E	58006.52	6225 E	58009.10		
6787.5 E	58004.62	6212.5 E	58006.52		
6775 E	58005.84	6200 E	58005.89		
6762.5 E	58005.45	6187.5 E	58006.48		
6750 E	58004.96	6175 E	58006.54		
6737.5 E	58005.15	6162.5 E	58008.22		
6725 E	58005.60	6150 E	58008.66		
6712.5 E	58005.29	6137.5 E	58006.48		
6700 E	58005.48	6125 E	58005.83		
6687.5 E	58007.04	6112.5 E	58006.22		
6675 E	58006.67	6100 E	58006.45		
6662.5 E	58005.99	6087.5 E	58006.23		

**APPENDIX 1**  
**GROUND MAGNETOMETER DATA - GRID 8 (continued)**




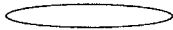
GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)	GRID CO-ORDINATE		CORRECTED MAGNETOMETER (nT)
Line	Station		Line	Station	
5200 N (con't)	6075 E	58005.83	5200 N (con't)	5500 E	58005.12
	6062.5 E	58006.16		5487.5 E	58007.26
	6050 E	58006.25		5475 E	58010.18
	6037.5 E	58006.80		5462.5 E	58009.24
	6025 E	58005.98		5450 E	58010.63
	6012.5 E	58006.72			
	6000 E	58005.95			
	5987.5 E	58006.32			
	5975 E	58006.71			
	5962.5 E	58006.58			
	5950 E	58006.80			
	5937.5 E	58007.05			
	5925 E	58006.38			
	5912.5 E	58005.82			
	5900 E	58006.53			
	5887.5 E	58005.97			
	5875 E	58005.45			
	5862.5 E	58005.31			
	5850 E	58005.09			
	5837.5 E	58010.75			
	5825 E	58006.59			
	5812.5 E	58006.45			
	5800 E	58006.35			
	5787.5 E	58007.02			
	5775 E	58007.92			
	5762.5 E	58006.41			
	5750 E	58006.16			
	5737.5 E	58005.43			
	5725 E	58005.31			
	5712.5 E	58006.22			
	5700 E	58005.98			
	5687.5 E	58006.08			
5675 E	58006.53				
5662.5 E	58004.93				
5650 E	58005.53				
5637.5 E	58004.90				
5625 E	58003.78				
5612.5 E	58003.61				
5600 E	58004.16				
5587.5 E	58005.57				
5575 E	58005.04				
5562.5 E	58004.97				
5550 E	58004.77				
5537.5 E	58006.44				
5525 E	58006.14				
5512.5 E	58009.62				

**APPENDIX 2**

**FIGURE 4 TO FIGURE 11  
GROUND MAGNETOMETER SURVEY  
TOTAL MAGNETIC FIELD  
GRID AREAS 1 TO 8**

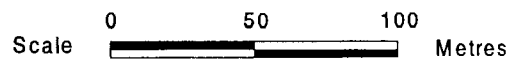


**SYMBOLS**

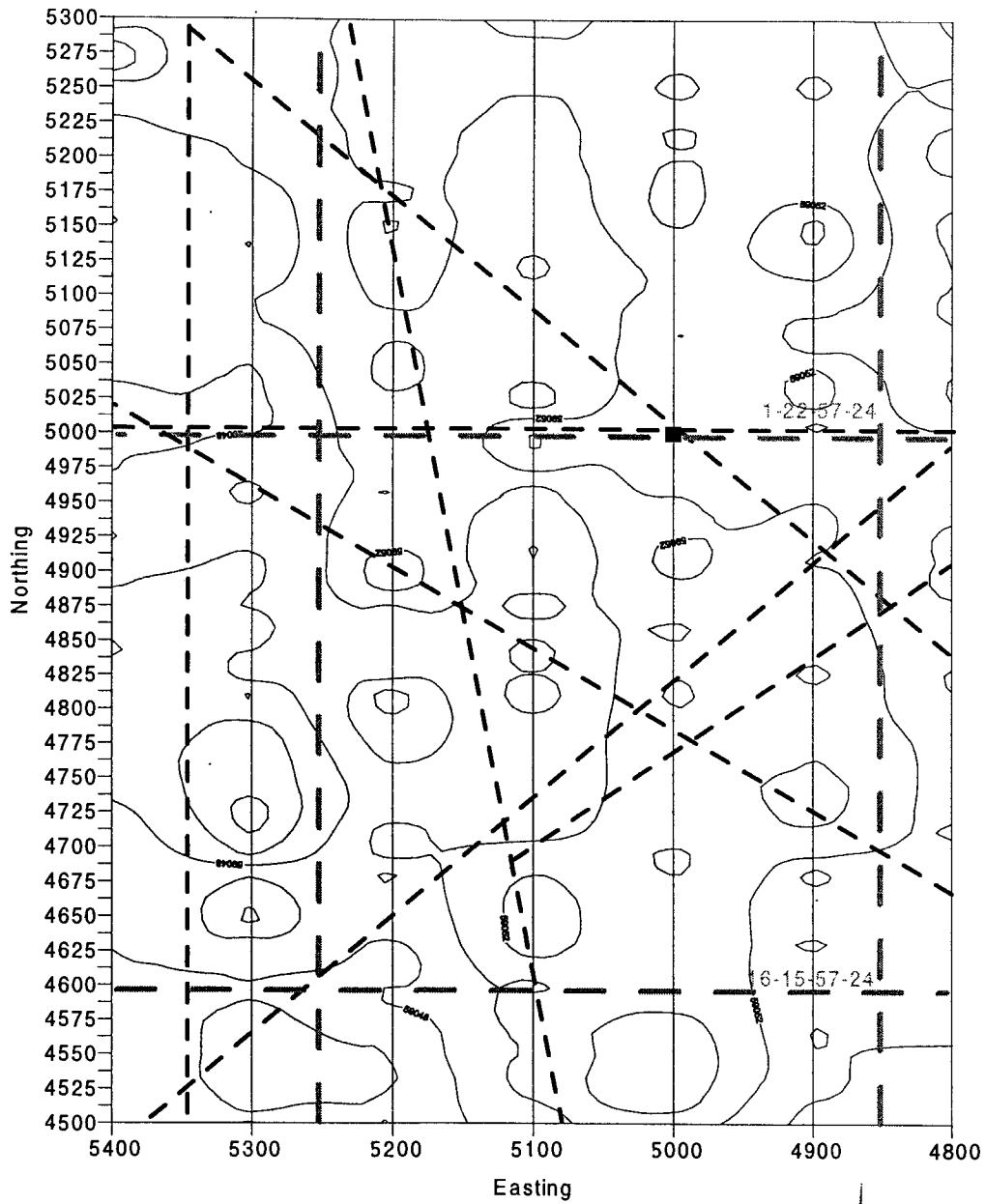
- 
 5000N / 5000E co-ordinates  
 11 U 0468764E 5976776N
- 
 LSD division line
- 
 Seismic line
- 
 Isomagnetic contour  
 contour interval 2 nT

**NEW CLAYMORE RESOURCES LTD**




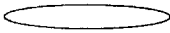
**FIGURE 4  
GRID 1  
GROUND MAGNETOMETER SURVEY  
TOTAL MAGNETIC FIELD**



May, 1998




**SYMBOLS**

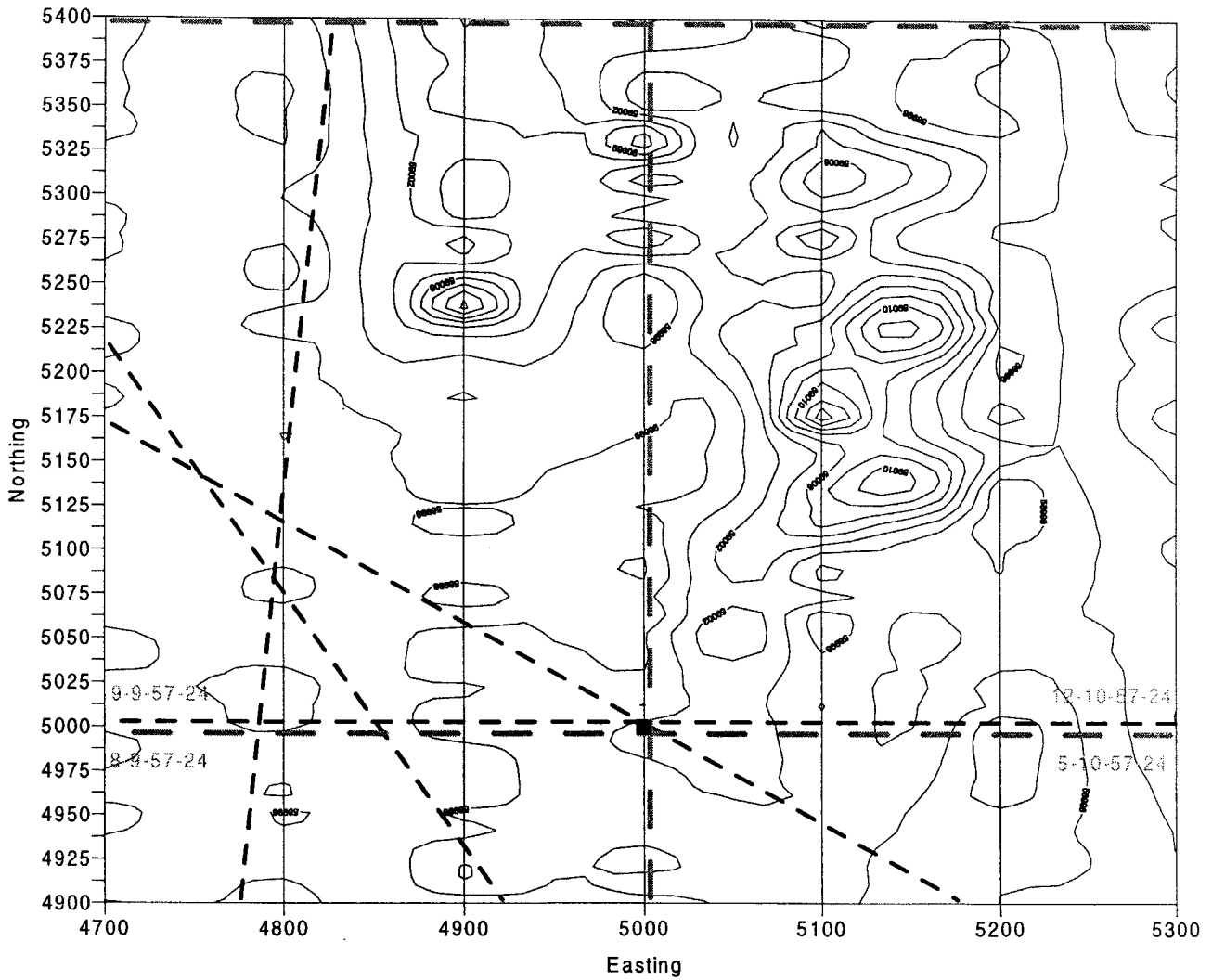
- 
 5000N / 5000E co-ordinates  
 11 U 0469049E 5976069N
- 
 LSD division line
- 
 Seismic line
- 
 Isomagnetic contour  
 contour interval 2 nT

**NEW CLAYMORE RESOURCES LTD**




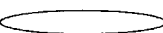
**FIGURE 5  
GRID 2  
GROUND MAGNETOMETER SURVEY  
TOTAL MAGNETIC FIELD**

Scale  Metres

May, 1998




**SYMBOLS**

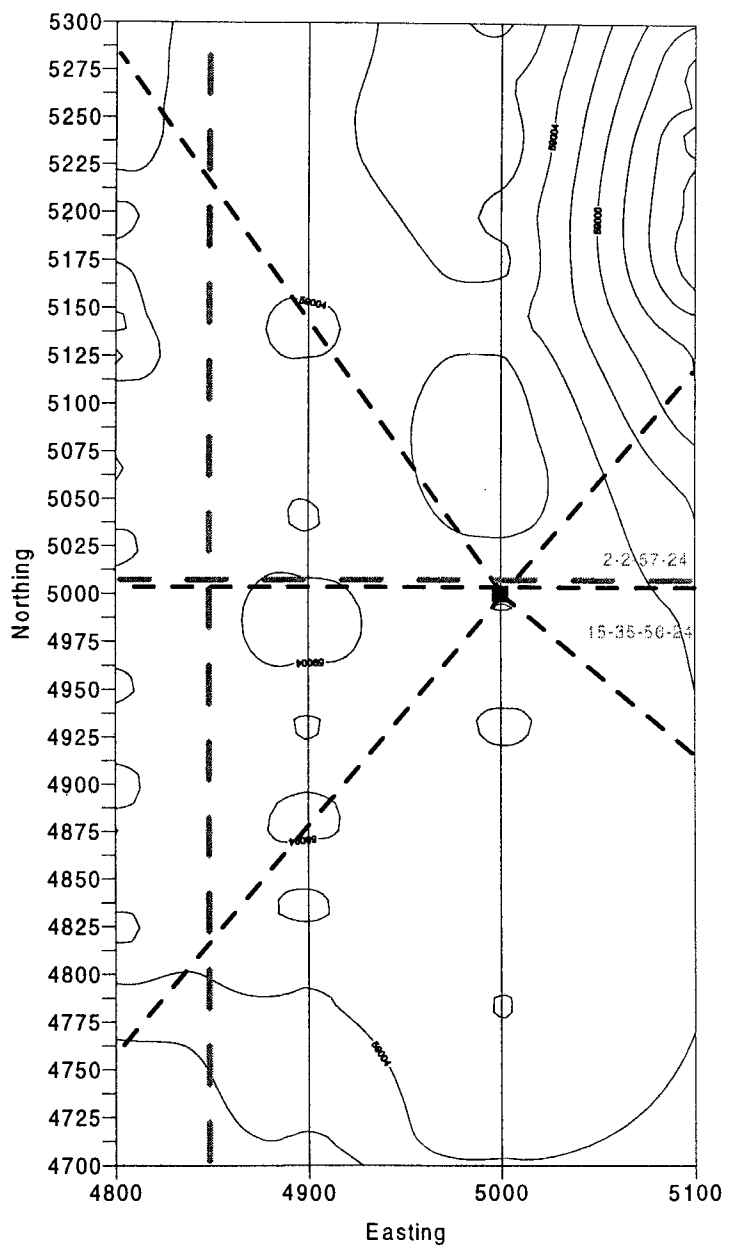
- 
5000N / 5000E co-ordinates  
11 U Q467640E 5973600N
- 
LSD division line
- 
Seismic line
- 
Isomagnetic contour  
contour interval 2 nT

**NEW CLAYMORE RESOURCES LTD**




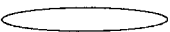
**FIGURE 6  
GRID 3  
GROUND MAGNETOMETER SURVEY  
TOTAL MAGNETIC FIELD**

Scale  Metres

May, 1998




**SYMBOLS**

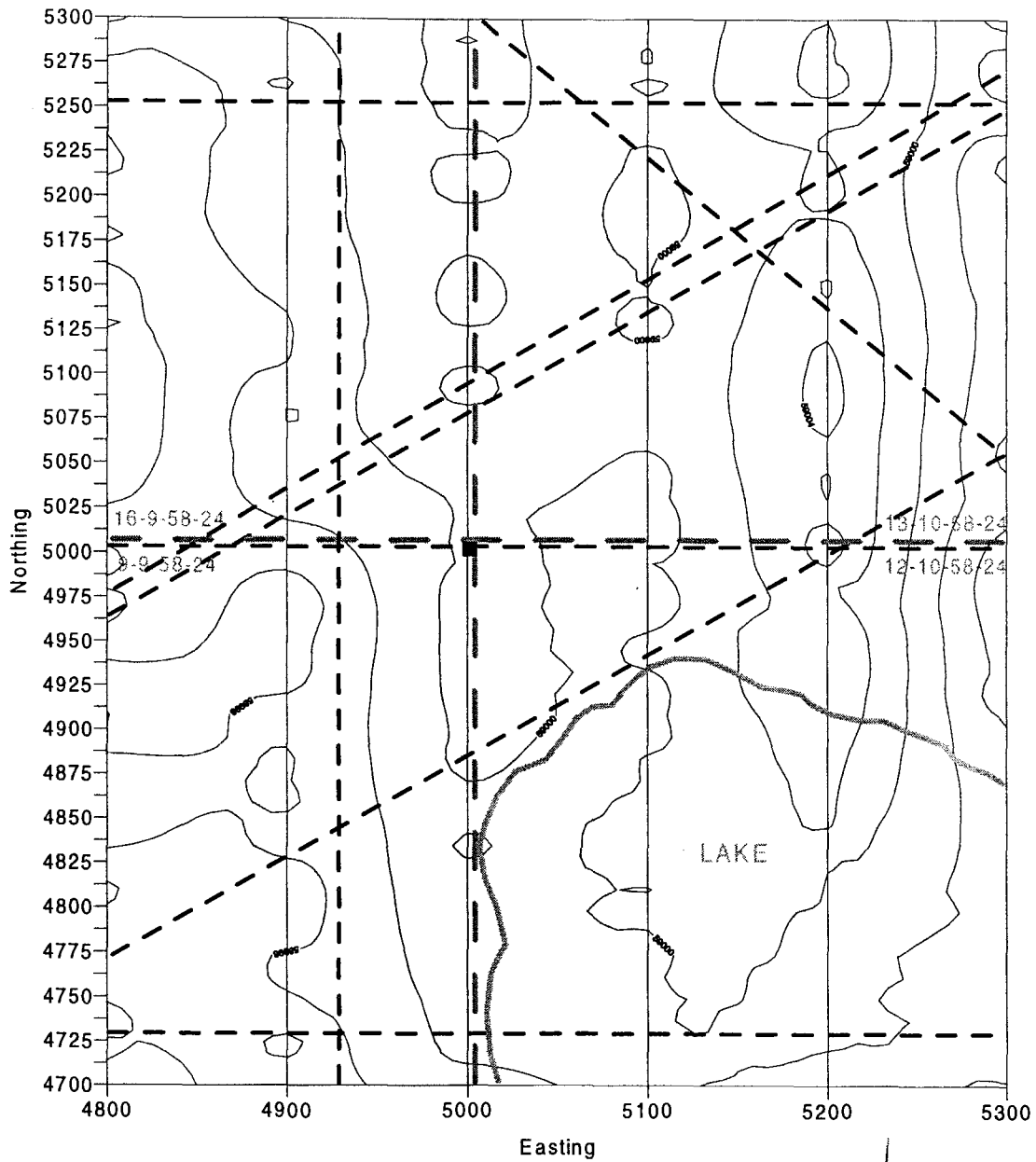
- 
 5000N / 5000E co-ordinates  
 11 U 0470143E 5971184N
- 
 LSD division line
- 
 Seismic line
- 
 Isomagnetic contour  
 contour interval 2 nT

**NEW CLAYMORE RESOURCES LTD**




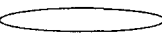
**FIGURE 7  
GRID 4  
GROUND MAGNETOMETER SURVEY  
TOTAL MAGNETIC FIELD**

0                      100                      200  
 Scale  Metres

May, 1998




**SYMBOLS**

- 
 5000N / 5000E co-ordinates  
 11 U 0467675E 5983471N
- 
 LSD division line
- 
 Seismic line
- 
 Isomagnetic contour  
 contour interval 2 nT

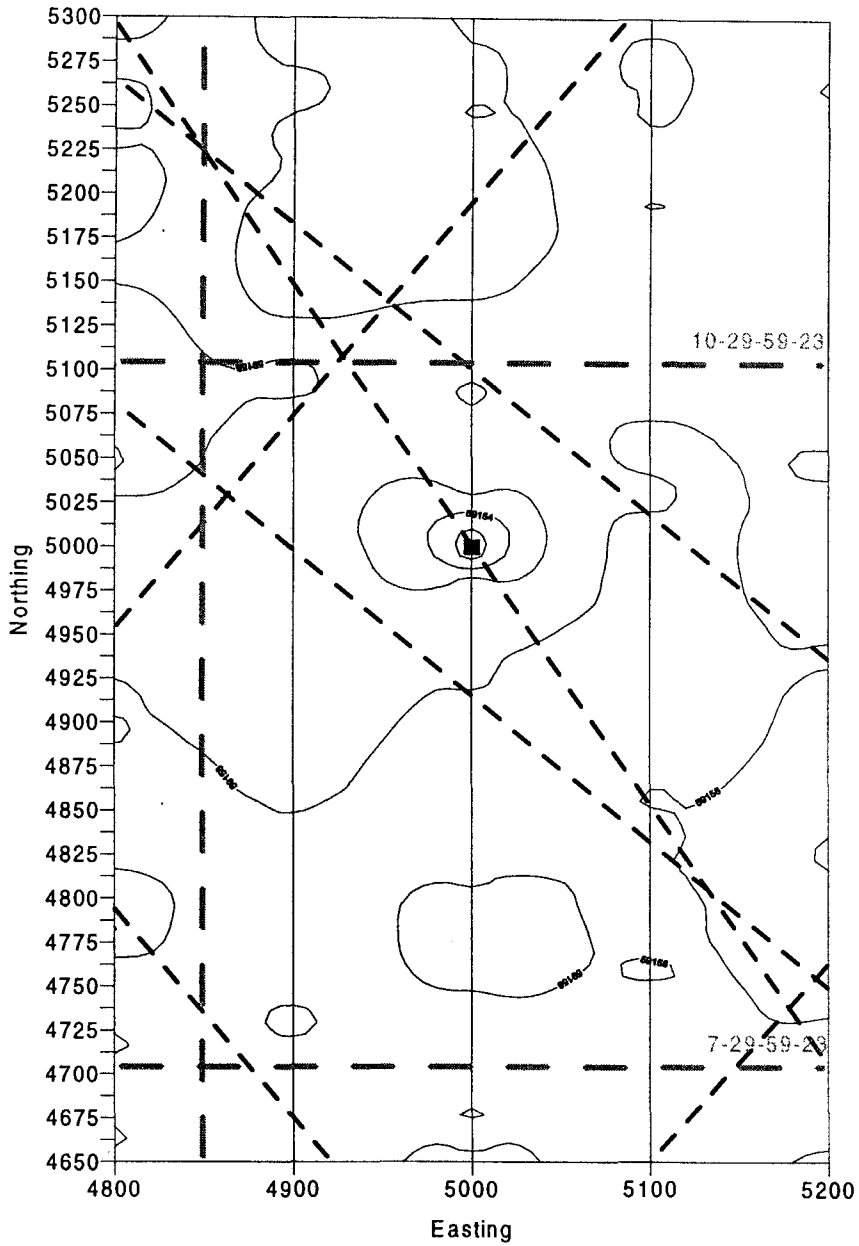
**NEW CLAYMORE RESOURCES LTD**

**FIGURE 8  
 GRID 5  
 GROUND MAGNETOMETER SURVEY  
 TOTAL MAGNETIC FIELD**

Scale  Metres

May, 1998





**SYMBOLS**

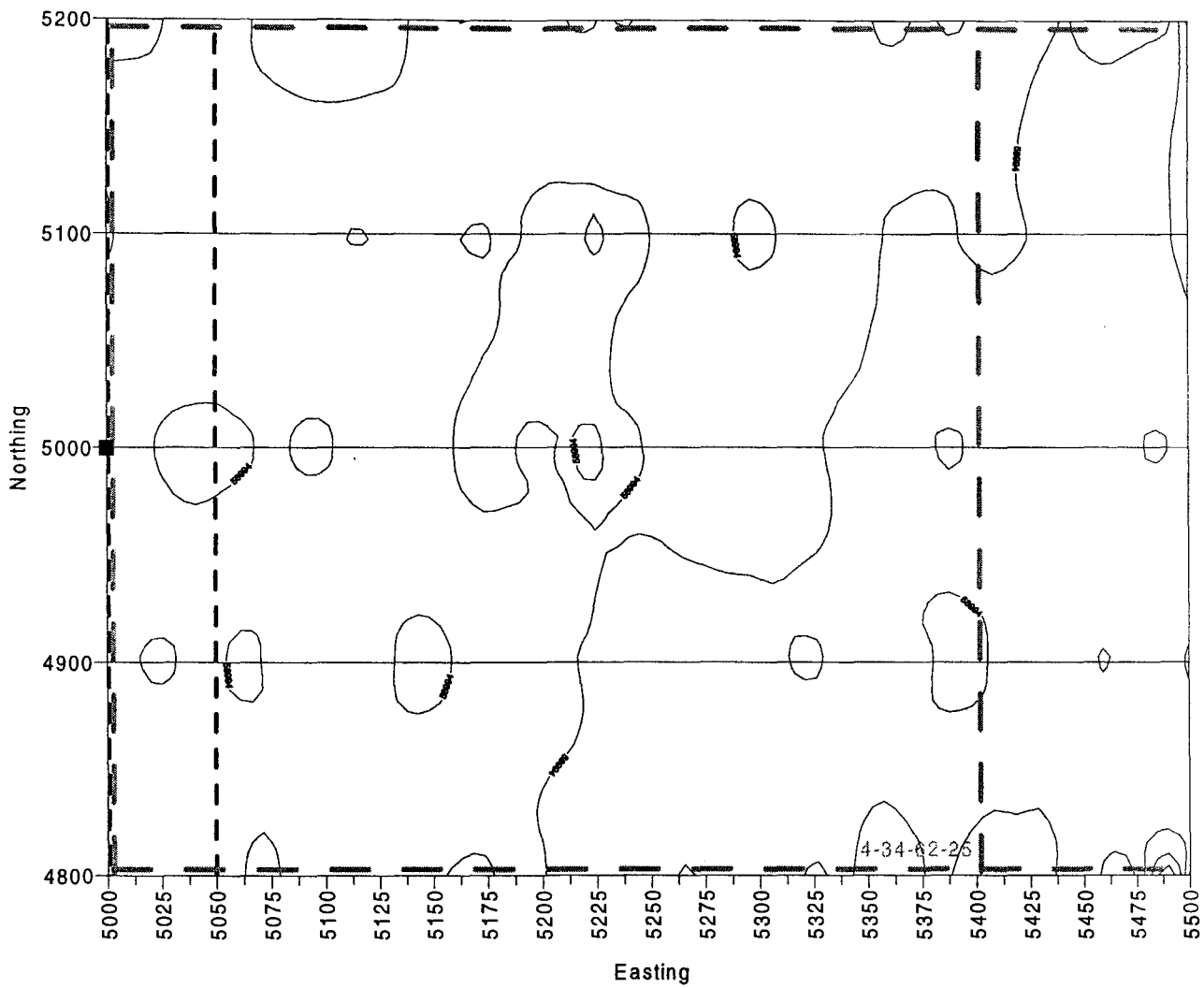
- 5000N / 5000E co-ordinates  
11 U 0473250E 5997750N
- LSD division line
- - - Seismic line
- Isomagnetic contour  
contour interval 2 nT

**NEW CLAYMORE RESOURCES LTD**




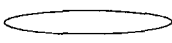
**FIGURE 9  
GRID 6  
GROUND MAGNETOMETER SURVEY  
TOTAL MAGNETIC FIELD**

Scale 0 100 200 Metres

May, 1998



**SYMBOLS**

- 
 5000N / 5000E co-ordinates  
 11 U 0456152E 6028077N
- 
 LSD division line
- 
 Seismic line
- 
 Isomagnetic contour  
 contour interval 2 nT

**NEW CLAYMORE RESOURCES LTD**

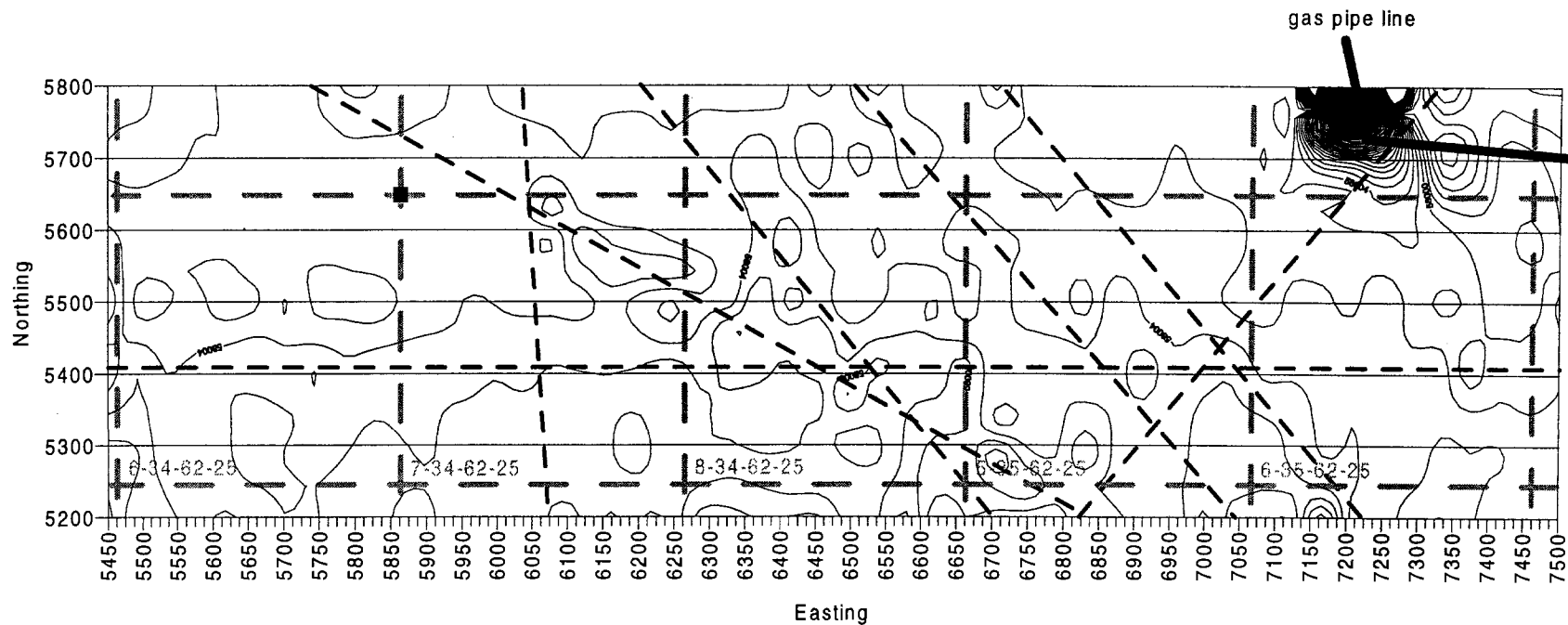
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**FIGURE 10  
GRID 7  
GROUND MAGNETOMETER SURVEY  
TOTAL MAGNETIC FIELD**





Scale 
0
100
200
 Metres

May, 1998



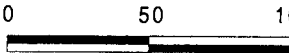


**SYMBOLS**

-  5650N / 5850E co-ordinates  
11 U 0457000E 6028700N
-  LSD division line
-  Seismic line
-  Isomagnetic contour  
contour interval 2 nT

**NEW CLAYMORE RESOURCES LTD**

**FIGURE 11**  
**SITE 8**  
**GROUND MAGNETOMETER SURVEY**  
**TOTAL MAGNETIC FIELD**

Scale  Metres

May, 1998