MAR 20060027: LEGEND

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NTS 84H

2006 ASSESSMENT REPORT FOR GRIZZLY DIAMOND LTD.'S LEGEND PROPERTY, NORTHEASTERN ALBERTA: METALLIC MINERAL PERMITS 9302090598 to 605, 9303040865, 9305031145 to 147, 9305031156 to 161, 9305121217, 9305121218 AND 9306061085

Approximate Property Location
Latitude: 57°,14', N
Longitude: 113°, 10' W
Approximately 135 km Northwest of Fort McMurray,
North-Central Alberta (NTS 84H/02 to 84H/07)

Completed By :
APEX Geoscience Ltd.
Suite 200, 9797 – 45 Avenue
Edmonton, Alberta, Canada
T6E 5V8

Completed For:
Grizzly Diamonds Ltd.
Suite 200, 9797 – 45 Avenue
Edmonton, Alberta, Canada
T6E 5V8

November 2, 2006
Edmonton, Alberta Canada

M.B. Dufresne, M.Sc., P.Geol.

2006 ASSESSMENT REPORT FOR GRIZZLY DIAMOND LTD.'S LEGEND PROPERTY, NORTHEASTERN ALBERTA: METALLIC MINERAL PERMITS 9302090598 to 605, 9303040865, 9305031145 to 147, 9305031156 to 161, 9305121217, 9305121218 AND 9306061085

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SUMMARY

APEX Geoscience Ltd. (APEX) was retained during 2005 as consultants by Grizzly Diamonds Ltd. (Grizzly) to compile all existing geological, geophysical and geochemical data for its Legend Property in the Birch Mountain region of northeast Alberta. Grizzly acquired an undivided 100% interest in the Legend metallic mineral permits and an undivided 85% interest in the Little Legend mineral permits (all of which together make up the Legend Property) from Blue Diamond Mining Corporation (BDM) during 2005 and 2006. The properties are situated about 430 km northeast of Edmonton, and approximately 175 km to the east of the Buffalo Head Hills kimberlite field and several other Grizzly properties. Grizzly's holdings in the Birch Mountains encompass 21 metallic mineral permits totalling approximately 110,080 ha (272,008 acres) and cover all, or portions of, Township 94, Ranges 18, 19, 21 and 22; Township 95, Ranges 18, 19, 20 and 22; Township 96, Ranges 19 to 22 west of the 4th meridian. The Legend Property is located within National Topographic System (NTS) 1:250,000 scale map sheet 84H and within NTS 1:50,000 map sheets 84H/02 to 84H/07.

Past work by Montello Resources Ltd., Redwood Resources Ltd., and Kennecott Canada Exploration Inc. was successful in identifying eight kimberlite pipes, which together comprise the diamondiferous Legend Kimberlite Field. A ninth kimberlite, the Kendu Kimberlite, was discovered by Blue Diamond Mining during 2001. The Legend Property encompasses seven of the nine kimberlites discovered between 1998 and 2001. Diamond exploration at the property is still in the early stages, therefore the potential for discovery of additional kimberlites on Grizzly's Birch Mountain permits is considered high based on the regional geological setting in conjunction with the positive results of exploration conducted to date. During the 2005 to 2006 exploration season, Grizzly conducted ground geophysical surveys and diamond drilling on the Legend Property and spent a total of CDN$360,514.37 (not including GST) on exploration.

The Legend Kimberlite Field is located along the western margin of the Proterozoic Taltson Magmatic Zone (TMZ) in close proximity to the contact with the Buffalo Head Terrane (BHT). Favourable traits of the regional setting of the Legend Kimberlite Field, include: (a) the property exists proximal to the eastern margin of the BHT and is thought to be underlain by the western edge of the TMZ, but portions of the field may be underlain by basement of the Archean aged BHT, which underlies Ashton's diamondiferous kimberlites in the Buffalo Head Hills, (b) seismic refraction and reflection studies indicate that the crust in the Birch Mountain region is likely between 35 to 40 km thick, a trait favourable for the formation and preservation of diamonds in the upper mantle, (c) the Legend Property exists along the north flank of the northeast trending Peace River Arch and the east edge of the northwest trending Grosmont High, either one of which could have controlled the emplacement of Cretaceous kimberlites in the Birch Mountains, and (e) at least two of the Birch Mountain kimberlites, the Legend and Phoenix kimberlites, are diamondiferous. Little diamond indicator sampling has been conducted down-ice of the Legend Property therefore little is known about the overall potential of the kimberlite field in terms of diamond potential. The Legend Property exist within a favourable regional setting for possible kimberlites and diamonds and warrant

aggressive exploration. A high-resolution aeromagnetic survey during the late 1990's identified numerous circular anomalies, possibly indicative of kimberlitic intrusives. Detailed follow-up work at some of these targets, which included both heliborne and ground-based geophysical surveys, has produced discrete geophysical responses similar to those for known kimberlites, and have yet to be drill tested. A number of of prospective airborne anomalies have not been followed up with any detailed heliborne or ground geophysical surveys.

Exploration at the Legend Property during 2006 consisted of ground geophysical surveys over anomalies identified by the airborne surveys. A total of 24.6 line-kms over 5 geophysical anomalies and potential drill targets were completed. Three of these targets were selected for immediate drill testing for kimberlite intrusive including the Argonaut, Lammasu South and Lammasu North targets. A total of 403.13m of drilling were completed over these three targets, however, no kimberlite material was intersected by the drilling. A number of airborne magnetic anomalies remain to be ground geophyscially surveyed and drill tested.

Based upon prior exploration that indicates the presence of nine kimberlites in the Birch Mountains with at least two yielding a few microdiamonds, further exploration for diamondiferous kimberlites is warranted at the Legend Property. The actual diamond potential of the Birch Mountain Kimberlite Field is poorly understand as little or no diamond indicator mineral sampling has been conducted in the Birch Mountains to date. A number of untested airborne magnetic anomalies remain to be surveyed with ground geophysics. In addition, little or no electromagnetic nor gravity methods have been used in the Birch Mountains to search for non-magnetic kimberlites. It is strongly recommended that a staged program of diamond indicator sampling, airborne magnetic-electromagnetic surveys, ground magnetic surveys followed by diamond drill testing be considered at the Legend Property. Based upon the size of the Legend kimberlite, potentially up to 800 m in diameter, the presence of diamonds and the potential for multiple phases as in the Fort a la Corne kimberlites, it is recommended the Legend Kimberlite be considered for a mini-bulk sample.

INTRODUCTION AND TERMS OF REFERENCE

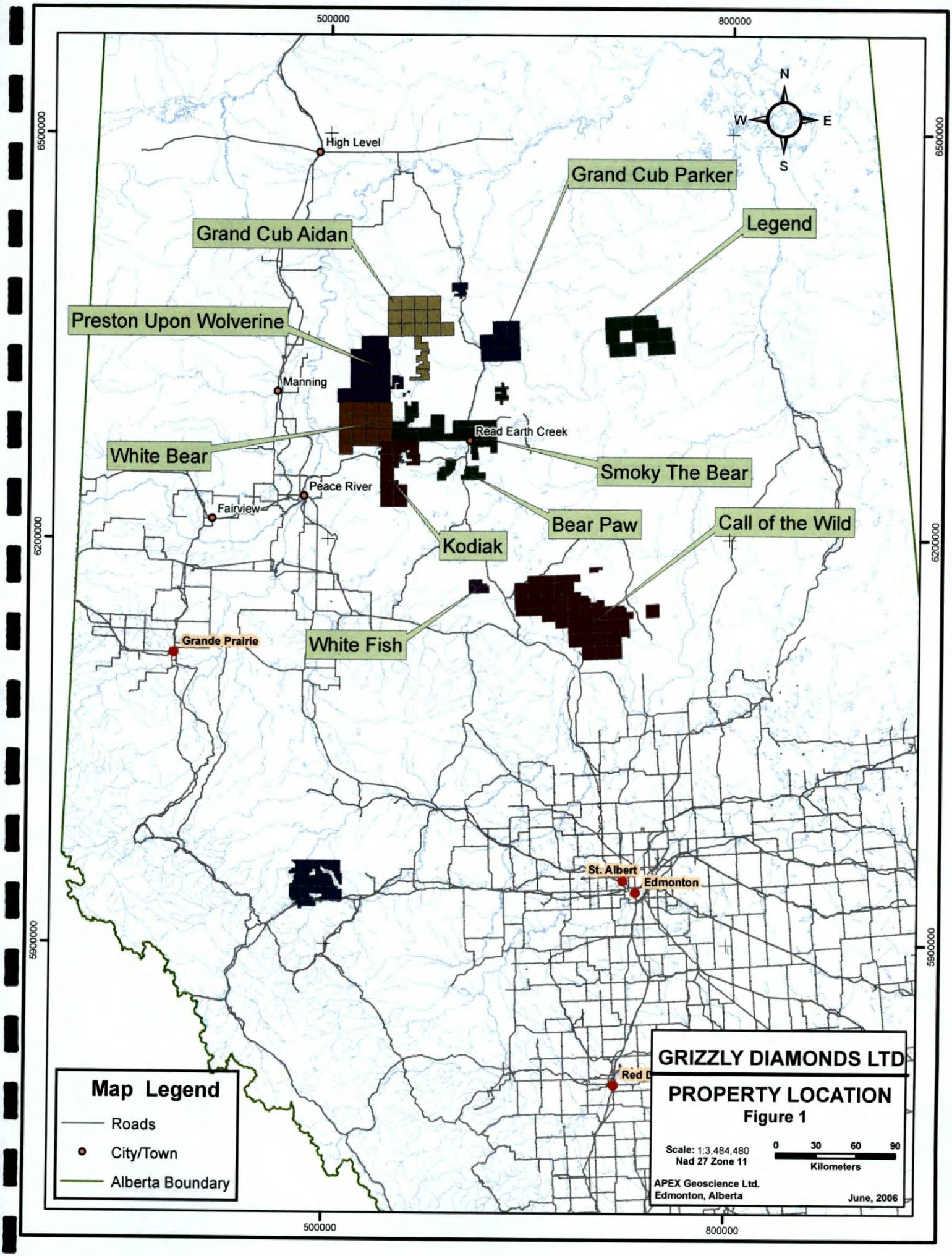
APEX Geoscience Ltd. (APEX) was retained from 2005 to present, as consultants by Grizzly Diamonds Ltd. (Grizzly) to evaluate the diamond potential of the Legend Property and surrounding areas within the Birch Mountain region. This assessment report is prepared on the basis of available published and unpublished material and winter exploration programs during the winters of 2004-2005 and 2005-2006. This assessment report documents the results of exploration performed by APEX on behalf of Grizzly, including a property visit performed by Mr. M.B. Dufresne, M.Sc., P.Geol., a Qualified Person, during the fall of 2005 and summer of 2006. Mr. D. Besserer, M.Sc., P.Geol., a Qualified Person also visited the Legend property on February 1st and 2nd 2006 to oversee drilling operations. Exploration performed during the period includes ground geophysical surveys over targets selected from previous airborne geophysical surveys, as well as drilling three of the targets.

DISCLAIMER

The authors, in writing this report, use sources of information as listed in the references. The report written by Mr. Michael B. Dufresne, M.Sc., P.Geol., a Qualified Person is a compilation of proprietary and publicly available information as well as information obtained during the property visit. The government reports discussed here in were prepared by a person or persons holding post secondary geology, or related university degree(s), prior to the implementation of the standards relating to National Instrument 43-101. The information in those reports is therefore assumed to be accurate. Those reports written by other geologists are also assumed to be accurate based on the property visit and data review conducted by the authors, however they are not the basis for this report. The Legend and Little Legend Properties are considered early stage exploration properties but do contain previously confirmed diamond or kimberlite discoveries.

PROPERTY DESCRIPTION AND LOCATION

Grizzly's Legend Property is located in northeast Alberta approximately 430 km northeast of Edmonton and 135 km west of Fort McMurray, Alberta (Figure 1). The property covers Township 94, Ranges 18, 19, 21 and 22; Township 95, Ranges 18, 19, 20 and 22; Township 96, Ranges 19 to 22 west of the 4th meridian (Figure 1). Grizzly's Legend Property encompass 21 metallic mineral permits totalling approximately 110,080 ha. The permits are located south of the Birch Mountain Wildlands Park with the northern limit of Township 96 bordering the park (Figure 1). The properties are located with 1:50,000 scale National Topographic System (NTS) map sheets 84H/02 to 84H/07. The legal descriptions for the permits is included in Table 1 and the location of the mineral permits is shown in Figures 1 and 2. Copies of the metallic mineral agreements are included in Appendix 1.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Grand Cub Parker
Legend
Grand Cub Aidan
Preston Upon Wolverine
Manning
Read Earth Creek
White Bear
Smoky The Bear
Peace River
Fairview
Bear Paw
Call of the Wild
Kodiak
White Fish
Grande Prairie
St. Albert
Edmonton
Red D
Map Legend
Roads
City/Town
Alberta Boundary
GRIZZLY DIAMONDS LTD
PROPERTY LOCATION
Figure 1
Scale: 1:3,484,480
Nad 27 Zone 11
0 30 60 90
Kilometers
APEX Geoscience Ltd.
Edmonton, Alberta
June, 2006

TABLE 1. LEGAL PERMIT DESCRIPTIONS

PERMIT NUMBER	RECORD DATE	TIME	LEGAL DESCRIPTION	PERMIT HOLDER	AREA (HA)
9302090598	4-Sept-2002	10 Years	**4-18-094:** 29NW,L10,L15;31-33;34NW,L5-L7,L10,L15	Grizzly Diamonds Ltd	1008
9302090599	4-Sept-2002	10 Years	**4-19-094:** 05L14-L16;08SE,L3,L6;13L13 ,L14;14SE,L3,L6,L9-L11;24W;25N ,SW, 26N;27L9,L16;32NE,L11,L14;33N;34-36	Grizzly Diamonds Ltd	1792
9302090600	4-Sept-2002	10 Years	**4-18-095:** 04W,L2,L7,L10,L15;08L16;09W ,L2,L7,L10,L15;16SW,L2,L7;17S,L10-L12	Grizzly Diamonds Ltd	672
9302090601	4-Sept-2002	10 Years	**4-19-095:** 03;04SE;09N; 10S;16W ;20E ;21W;29L2,L7,L10,L15;32L2,L7,L10,L13, L1	Grizzly Diamonds Ltd	1104
9302090602	4-Sept-2002	10 Years	**4-19-096:** 05L3,L4;06L5-L8;15L13, L14;19L15,L16;22L3,L4;30SE	Grizzly Diamonds Ltd	256
9302090603	4-Sept-2002	10 Years	4-20-096: 01L5-L8;02L5-L8;03NW,L7,L8,;04N;09;10W;15SW,NE,L11, L14;16S;17S,NW;18N;19;20SW;22L1-L3,L6,L7,L10,L11,L14,L15;27L2,L3,L6,L7;30; 32;36NE,L6-L8,L11,L14	Grizzly Diamonds Ltd	2528
9302090604	4-Sept-2002	10 Years	**4-21-096:** 10N;11N;12N;13S;14S,L12;15;16N;17N;18N; 19S;22L1,L2	Grizzly Diamonds Ltd	1456
9302090605	4-Sept-2002	10 Years	**4-22-096:** 13N;14L13-L16;15L14-L16;22SE,L3,L6,L9,L16;23S,NW;24S;26W;27 L1,L8,L9,L16;34L1,L8;35SW	Grizzly Diamonds Ltd	976
9303040865	11-Apr-2003	10 Years	**4-22-095:** 16N;17N;18NE;19SE;20S;21S	Grizzly Diamonds Ltd	640
9305031145	21-Mar-2005	10 Years	**4-18-094:** 01-28; 29S,L9, L16;30; 34L1-L4,L8,L9,L16;35-36	Grizzly Diamonds Ltd	8208
9305031146	21-Mar-2005	10 Years	**4-19-094:** 01-04;05S,L9-L13;06-07; 08N,L4,L5;09-12;13S,NE,L11,L12; 14L4,L5,L12-L16; 15-23; 24E; 25 SE;26S;27S NW,L10,L15;28-31; 32S,L12,L13;33S	Grizzly Diamonds Ltd	7424
9305031147	21-Mar-2005	10 Years	**4-18-095:** 01-03;04L1,L8,L9,L16; 05-07;08S,NW,L9,L10,L15;09L1, ,L8,L9,L16;10-15; 16N,L1,L8;17L9, L13-L16;18-36	Grizzly Diamonds Ltd	8544
9305031156	21-Mar-2005	10 Years	**4-19-095:** 01-02;04N,SW;05-08; 09S;10N; 11-15;16E;17-19;20W; 21E; 22-28;29W,L1,L8,L9,L16; 30-31;32SW,L1,L8,L9,L11,L12,L15,L16;33-36	Grizzly Diamonds Ltd	8112
9305031157	21-Mar-2005	10 Years	**4-22-095:** 01-15;16S;17S;18S,NW, 19N,SW;20N;21N;22-36	Grizzly Diamonds Ltd	8576
9305031158	21-Mar-2005	10 Years	**4-19-096:** 01-04;05N,SE,L5,L6;06N,L1-L4; 07-14;15S,NE,L11,L12;16-18; 19S, NW,L9,L10;20-21; 22N,SE,L5,L6;23-24; 26-29;30N,SW;31-35	Grizzly Diamonds Ltd	8448
9305031159	21-Mar-2005	10 Years	**4-20-096** 01N,L1-L4;02N,L1-L4; 03SW,NE,L1,L2;04S;05-08;10E; 11-14; 15SE;18S **4-21-096:** 01-09;10S;11S;12S;16S;17S; 18S	Grizzly Diamonds Ltd	6112
9305031160	21-Mar-2005	10 Years	**4-20-096:** 15L12,L13; 16N; 17NE ;20N,E; 21;22L4,L5,L8,L9,L12, L13,L16; 23-26;27N,L1,L4,L5,L8; 28-29;31;33-35; 36L1-L5,L12,L13 **4-21-096:** 13N;14NE,L11,L13,L14; 19N; 20-21,22N,SW,L7,L8;23-36	Grizzly Diamonds Ltd	8336
9305031161	21-Mar-2005	10 Years	**4-22-096:** 01-12;13S;14S;14S,L9-L12;15S,L9-L13;16-21;22NW,L4,L5,L10,L15;23NE; 24N;25;26E;27W,L2,L7,L10,L15;28-33;34N,SW,L2,L7;35N, SE;36	Grizzly Diamonds Ltd	8240
9305121217	8-Dec-2005	10 Years	**4-21-094:** 01-36	Grizzly Diamonds Ltd	9216
9305121218	8-Dec-2005	10 Years	**4-22-094:** 01-36	Grizzly Diamonds Ltd	9216
9306061085	29-Jun-2006	10 Years	**4-20-095:** 01-36	Grizzly Diamonds Ltd	9216
				Property Total	**110,080Ha**

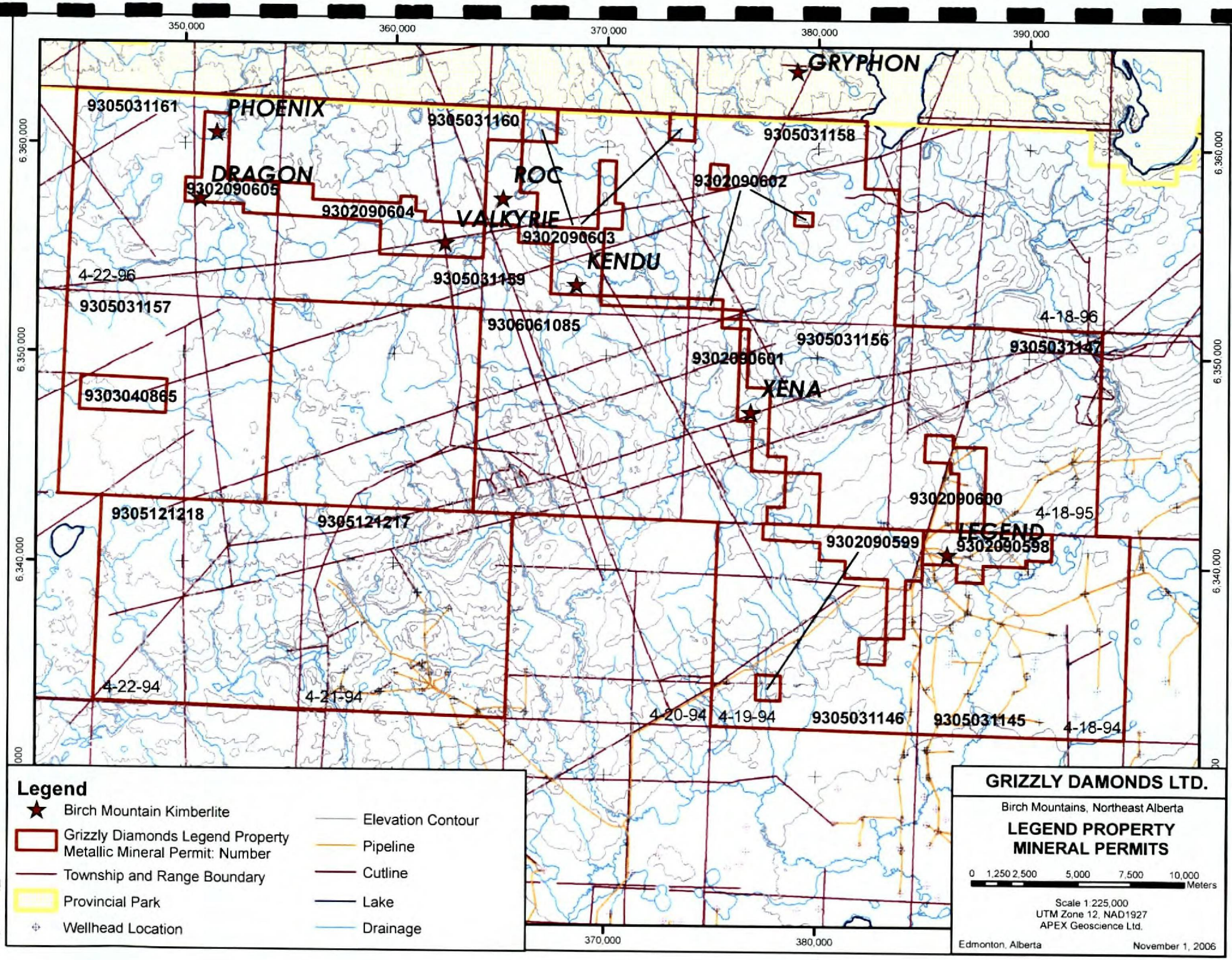

350,000
360,000
370,000
380,000
390,000
6,360,000
6,350,000
6,340,000
GRYPHON
PHOENIX
9305031161
9305031160
9305031158
DRAGON
9302090605
ROC
9302090602
9302090604
VALKYRIE
9302090603
KENDU
4-22-96
9305031159
9305031157
9306061085
4-18-96
9305031156
9305031147
9302090601
XENA
9303040865
9305121218
9305121217
9302090600
4-18-95
LEGEND
9302090599
9302090598
4-22-94
4-21-94
4-20-94
4-19-94
9305031146
9305031145
4-18-94
Legend
Birch Mountain Kimberlite
Grizzly Diamonds Legend Property Metallic Mineral Permit: Number
Township and Range Boundary
Provincial Park
Wellhead Location
Elevation Contour
Pipeline
Cutline
Lake
Drainage
GRIZZLY DAMONDS LTD.
Birch Mountains, Northeast Alberta
LEGEND PROPERTY
MINERAL PERMITS
0 1,250 2,500 5,000 7,500 10,000
Meters
Scale 1:225,000
UTM Zone 12, NAD1927
APEX Geoscience Ltd.
Edmonton, Alberta
November 1, 2006

Figure 2.

The mineral permits are currently held in the name of Grizzly Diamonds Ltd. of Suite 220, 9797 – 45th Avenue, Edmonton, Alberta. Alberta Mining regulations grant metallic mineral permits to the permittee in 10 year terms, during which at any time after the initial two year term, the mineral permit may be converted into a lease. Leases are granted in 15 year terms and may be renewed. A metallic mineral permit gives Grizzly the exclusive right to explore for and develop economic deposits of minerals, including diamonds, within the boundaries of the permit. The exclusive right to explore is subject to ALBERTA REGULATION 66/93 of the Alberta Mines and Minerals Act and the contained Metallic and Industrial Minerals Regulations within the act. The Standard Terms and Conditions for the permits are described in detail on Alberta Energy's website at http://www.qp.gov.ab.ca/documents/Regs/2005_145.cfm

A permit holder shall spend or cause to be spent with respect to the location of his mineral permit on assessment work an amount equal to $5 for each hectare in the location during the first two year period; an amount equal to $10 per hectare for each of the second and third two year periods; and an amount equal to $15 per hectare for each of the fourth and fifth two year periods. Mineral permits may be grouped and excess expenditures may be carried into the next two year period.

In addition to the financial commitment, a metallic mineral permit holder is required to file a statement of work on the two year anniversary date of the permit and an assessment report that documents all of the work conducted as well as the results of the work to Alberta Energy. The assessment report must be filed within 60 days after the record date after each two year period.

ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The Birch Mountain region is located within the Northern Boreal Plains and borders the western margin of the Canadian Shield. During spring and summer months the mid-boreal forest is interspersed with bogs in the lowlands. Topography is low to moderate with elevations ranging from 400m to 800m and drainage trending towards the south. Typical vegetation of the forested areas includes spruce and birch, with willow brush and muskeg. Fauna of the area consists of caribou, deer, moose, wolves, black and grizzly bears as well as various small mammals. The larger lakes are capable of sustaining fish and bird life.

Access to the region in the winter (December to April) is available along maintained winter roads from Fort McMurray (160 km) to the Paramount Resources Legend Gas Plant. The summer months are more difficult, as the area has many dispersed bogs. Helicopter or other aircraft out of Athabasca (300 km South) and Fort McMurray are the best modes of transport during the summer time. Once on the property, there are many seismic lines of varying maintenance which provide ATV routes in the summer and snowmobile access in the winter.

From late October to early April temperatures can fall below -20°C with moderate snowfall, though Chinook conditions exist throughout these months. Summer temperature can reach 30°C, and daylight may be present up to 18 hours. Winter daylight may be only 8 hours. As conditions are not extreme, operations can continue year round, though heavy equipment access is limited to the winter months when the roads are opened.

Exploration can be based out of the Paramount Resources Legend gas plant and another smaller plant to the West-Southwest of Legend. Water is plentiful, though some lakes may occasionally dry towards the end of summer.

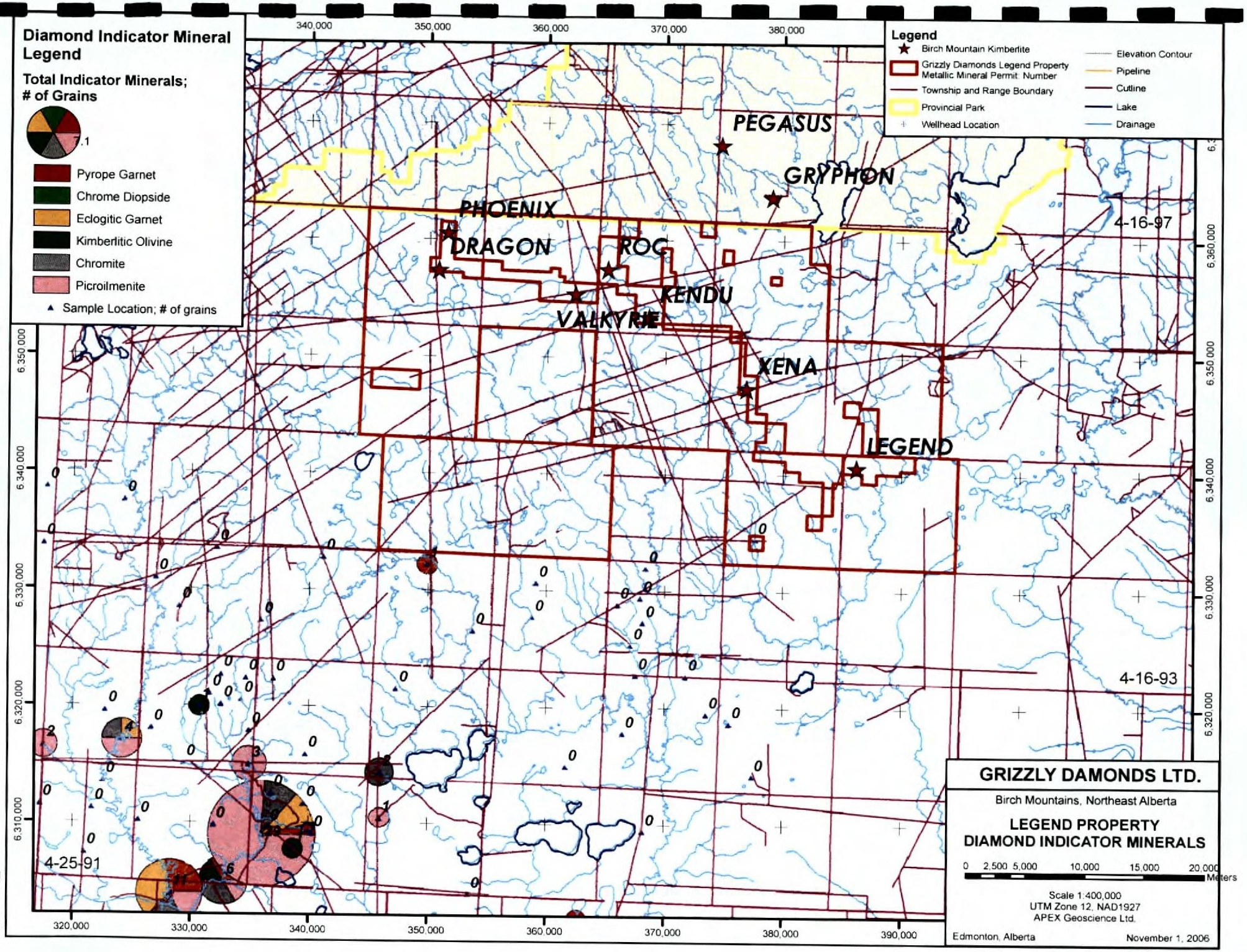
HISTORY

Previous Exploration Prior to 2000

The bulk of exploration in the Namur Lake region has been restricted primarily to oil sands, gas and groundwater. Geological mapping and airborne geophysical surveys have been conducted by various government agencies and companies in the past as part of large regional studies (GSC, 1983; Green, 1970; Hamilton *et al.*, 1999). In addition, oil, gas and water well logs have been compiled by various Alberta government agencies into drift thickness, bedrock topography and paleochannel maps (Pawlowicz and Fenton, 1995a,b; Dufresne *et al.*, 1996).

Diamond exploration in northern Alberta commenced with a major staking and exploration rush during 1992 and 1993 as a result of the NWT diamond discoveries and the rumoured DeBeers kimberlite and diamond discovery at Mountain Lake near Grande Prairie. Much of this initial exploration culminated with little or no success. The Alberta Geological Survey (AGS) has conducted reconnaissance till sampling for diamond indicator minerals across most portions of Northern Alberta since 1992. Nine till samples have been collected within the Namur Lake map area, however all of the samples were collected either well northwest of east of the Legend Property (Dufresne *et al.*, 1996; Pawlowicz *et al.*, 1998). Ashton Mining of Canada Inc. (Ashton) conducted diamond indicator mineral (DIM) sampling on their Birch Mountain Property south of the Legend Property during 1999 and 2000 (Skelton and Bursey, 1999, 2000; Skelton and Willis, 2001). The Ashton sampling has yielded up to 29 total DIMs in a sample approximately 25 km's southwest of the Legend Property (Figure 3). Little in any publicly available DIM sampling has been conducted on or in close proximity to the Legend Property. An Ashton till sample collected immediately south of and partially down-ice of the southern boundary of the Legend Property yielded a single pyrope garnet (Figure 3). Government and industry DIM sampling in the Namur Lake area is sparse due to the poor summer access.

The most significant exploration to date for northern Alberta is the discovery of diamondiferous kimberlites during early 1997 in the Buffalo Head Hills and during late


Diamond Indicator Mineral Legend
Total Indicator Minerals; # of Grains
7.1
Pyrope Garnet
Chrome Diopside
Eclogitic Garnet
Kimberlitic Olivine
Chromite
Picroilmenite
Sample Location; # of grains
Legend
Birch Mountain Kimberlite
Grizzly Diamonds Legend Property
Metallic Mineral Permit Number
Township and Range Boundary
Provincial Park
Wellhead Location
Elevation Contour
Pipeline
Cutline
Lake
Drainage
PEGASUS
GRYPHON
PHOENIX
DRAGON
ROC
KENDU
VALKYRIE
XENA
LEGEND
4-16-97
4-16-93
4-25-91
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350,000
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GRIZZLY DAMONDS LTD.
Birch Mountains, Northeast Alberta
LEGEND PROPERTY
DIAMOND INDICATOR MINERALS
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Scale 1:400,000
UTM Zone 12, NAD1927
APEX Geoscience Ltd.
Edmonton, Alberta
November 1, 2006

Figure 3.

1998 in the Birch Mountains. Southwest of the Legend Property, Ashton has discovered up to 38 kimberlites in the Buffalo Head Hills and the Peerless Lake area. The first 10 kimberlites discovered in the Buffalo Head Hills were found by drill testing anomalous, high frequency, aeromagnetic anomalies with shallow, highly diffractive seismic signatures (Carlson *et al.*, 1998). A total of 15 kimberlites of variable size were initially delineated within Ashton's permits based on drill-testing of magnetic anomalies with associated seismic responses (Ashton Mining of Canada Inc., 1997a to l; Carlson *et al.*, 1998). The discovery of a kimberlite field in the Buffalo Head Hills provided the incentive for other companies to initiate diamond exploration programs elsewhere in northern Alberta.

Diamond exploration, including a High Resolution Airborne Magnetic (HRAM) survey was flown by Spectra Exploration Geoscience Ltd. (Spectra) for Montello Resources Ltd. (Montello) and Redwood Resources Ltd. (Redwood) during the spring to early summer of 1998 over a large portion of the Birch Mountains including all of the Legend Property. Kennecott Canada Inc. (Kennecott), in an option deal with Montello and Redwood, conducted ground geophysics and drilling of eight potential kimberlite targets on the Legend Property during the late summer and fall of 1998. Kennecott's drill program resulted in the identification of seven kimberlite pipes within the Legend Property (Montello Resources Ltd., 1998a,b). Initial sampling results from the drill core indicate that at least two of the pipes, Phoenix and Legend, are weakly diamondiferous (Montello Resources Ltd., 1998a,b). An eighth kimberlite was identified during early 1999 (Montello Resources Ltd., 1999). Six of the pipes, including Phoenix, lie along a significant northwest to southeast magnetic trend that transects the Legend Property (Figure 3). A total of seven of the intersected kimberlite pipes, including the most recently (ninth) intersected kimberlite named Kendu (New Blue Ribbon Resources Ltd., 2000), lie within the Legend Property (Figure 3).

2000 - 2004 Exploration

During February 2000 and February 2002, Dahrouge Geological Consulting Ltd. (Dahrouge) completed gridding and ground magnetic surveys over twelve high resolution airborne anomalies on the Legend Property (Dufresne, 2003; Tanton and Dahrouge, 2004). Also during the fall of 2000, APEX also conducted limited ground geophysical surveys at the Legend Property, mostly to locate collar locations over targets that were previously flown with detailed close-spaced helicopter magnetic and electromagnetic surveys (Dufresne, 2003; Tanton and Dahrouge, 2004). The focuses were target 33, Bacchus, Kendu, Lammasu, Iris, Siren and Dutchman targets. Most of the surveys yielded low priority linear to sinuous magnetic features that do not warrant any further follow-up. The surveys warranting further exploration were at the Kendu, Lammasu, Argonaut, and Hippogriff targets. Also, Centaur, Bacchus, Dutchman, Cronus, LDG066 and LDG094 produced a difficult signature to interpret, and would benefit from further ground magnetics. Kendu, Lammasu, Centaur and Hippogriff targets warranted drill testing for kimberlites.

In the spring of 2000, Dahrouge completed gridding and ground magnetic surveys over one high priority anomaly on the Little Legend property, one low priority, and two unranked anomalies (Dufresne, 2003; Tanton and Dahrouge, 2004). The two ranked anomalies were selected from a review of the 1998 HRAM survey data conduced on behalf of Montello and Redwood in the summer of 1998. The ground surveys did not yield any definitive magnetic anomalies that could be indicative of kimberlite and require drill testing. It should be noted that only one of 23 medium to high priority airborne magnetic anomalies were gridded and surveyed with ground geophysics, warranting further exploration follow-up on the remaining targets (Dufresne, 2003).

In November 2000, APEX supervised a drill program of the Kendu magnetic target. One hole was drilled to a depth of 206.36m with a total of 116.4m of core recovered. Kimberlitic breccia was intersected at a depth of 100.56m. The Kendu Kimberlite is the ninth kimberlite intersected in the Birch Mountains and was comprised of abundant eclogite and lherzolite xenoliths as well as abundant mantle derived indicator minerals. Caustic fusion analysis of the kimberlite drill core did not yield any microdiamonds (Dufresne, 2003).

In November 2001, APEX obtained winter land use permits on behalf of Blue Diamond to drill test the Lammasu magnetic target. By April 2002 the drill was set and initiated, however the hole was not completed due to a lack of water for drilling operations and the rig remained on site pending demobilization (Dufresne, 2003).

DEPOSIT MODEL: DIAMONIFEROUS KIMBERLITES

To understand the significance of diamond indicator minerals (DIMs), it is important to understand the type of igneous rocks from which primary diamond deposits are mined. The most common rock type from which diamonds are mined are kimberlites and, to a lesser extent, lamproites and orangeites. Diamond indicator minerals (DIMs) describe minerals that are common constituents of these three rock types, some of which are phenocrysts and others that are xenocrysts. For the purposes of this discussion, DIMs will refer to minerals that are both characteristic and diagnostic of kimberlites.

Kimberlites

Kimberlite is best described as a hybrid igneous rock (Mitchell, 1986, 1989, 1991; Skinner, 1989; Scott Smith, 1995). Kimberlites are igneous in nature since they have crystallised from a molten liquid (kimberlitic magma) originating from the earth's upper mantle. Kimberlite magma contains volatile gases and is relatively buoyant with respect to the upper mantle. As a result, pockets of kimberlitic magma will begin to ascend upward through the upper mantle and along a path of least resistance to the earth's surface. As the kimberlitic magma ascends, the volatile gases within the magma expand, fracturing the overlying rock, continually creating and expanding its own conduit

to the earth's surface. As a kimberlitic magma begins to ascend to the earth's surface it rips up and incorporates fragments or xenoliths of the various rock types the magma passes through on its way to surface. As the magma breaks down and incorporates these xenoliths, the chemistry and mineralogy of the original magma becomes altered or hybridised. The amount and type of foreign rock types a kimberlite may assimilate during its ascent will determine what types of minerals are present in the kimberlite when it erupts at surface.

When kimberlitic magma reaches or erupts at the earth's surface, the resulting volcanic event is typically violent, creating a broad shallow crater surrounded by a ring of kimberlitic volcanic ash and debris ("tuffaceous kimberlite"). The geological feature created by the eruption of a kimberlite is referred to as a diatreme or kimberlite pipe (Mitchell, 1986, 1989, 1991). In a simplified cross section a kimberlite diatreme appears as a near vertical, roughly "carrot shaped" body of solidified kimberlite magma capped by a broad shallow crater on surface that is both ringed and filled with tuffaceous kimberlite and country rock fragments (Mitchell, 1986, 1989, 1991).

Diamond Indicator Minerals

Diamonds do not crystallise from a kimberlitic magma: they crystallise within a variety of diamond bearing igneous rocks in the upper mantle called peridotites and eclogites. Peridotites and eclogites are each made up of a diagnostic assemblage of minerals that crystallise under specific pressure and temperature conditions similar to those conditions necessary to form and preserve diamonds ("diamond stability field"). Diamond bearing peridotite can be further broken down into three varieties which are, in order of greatest diamond bearing significance, garnet harzburgite, chromite harzburgite, and, to a lesser extent, garnet lherzolite. For a kimberlite to be diamond bearing, the primary kimberlitic magma must disaggregate and incorporate some amount of diamond bearing peridotite or eclogite during its ascent to the earth's surface. The type and amount of diamond bearing peridotite or eclogite the kimberlitic magma incorporates during its ascent will determine the diamond content or grade of that specific kimberlite as well as the size and quality of diamonds. Diamond bearing peridotite and eclogite occur as discontinuous pods and horizons in the upper mantle, typically underlying the thickest, most stable regions of Archean continental crust or cratons (Helmstaedt, 1993). As a result, almost all of the economic diamond bearing kimberlites worldwide occur in the middle of stable Precambrian (typically Archean) cratons. The Grizzly held Legend and Little Legend properties are staked on the Proterozoic Taltson magmatic arc.

Diamond indicator minerals (DIMs) include minerals that have crystallised directly from a kimberlitic magma (phenocrysts), or mantle derived minerals (xenocrysts) that have been incorporated into the kimberlitic magma as it ascends to the earth's surface. Examples of DIMs are picroilmenite, titanium and magnesium rich chromite, chrome diopside, magnesium rich olivine, pyropic and eclogitic garnets. Varieties of garnet include G1, G2, G9, G10, G11, G12 pyropes as defined by Dawson and Stephens (1975), G9 and G10 pyropes as defined by Gurney (1984) and Gurney and Moore

(1993) and G3, G4, G5, and G6 eclogitic garnets as defined by Dawson and Stephens (1975). From this paragraph on, reference to G1, G2, G3, G4, G5, G6, G11 and G12 pyrope garnets refers to Dawson and Stephens' (1975) classification and G9 and G10 refers to Gurney's (1984) G9 and G10 pyrope garnets of lherzolitic and harzburgitic origin, respectively.

DIMs are used not only to assess the presence of kimberlites in regional exploration programs but also to assess whether the kimberlites have the potential to contain diamonds. There are a limited variety of DIMs from which information pertaining to the diamond bearing potential of the host kimberlite can be gained. Typically, these are DIMs which have been derived from diamond bearing peridotite and eclogite in the upper mantle (Mitchell, 1989). The most common examples of these would include sub-calcic, G10 Cr-pyrope garnets (harzburgitic), G9 pyrope garnets (lherzolitic), Cr- and Mg-rich chromite (diamond inclusion quality or "DIF" chromite from chromite or spinel harzburgite), diamond inclusion quality "DIF" eclogitic garnets and chemically distinct jadeite clinopyroxene (diagnostic of diamond bearing eclogites).

Other indicator minerals that have crystallised from a kimberlitic magma can provide information as to how well the diamonds in a given kimberlite have been preserved during their ascent to surface. For instance, the presence of low iron and high magnesium picroilmenites in a kimberlite is a positive indication that the oxidising conditions of a kimberlitic magma were favourable for the preservation of diamonds during their ascent to surface in the kimberlitic magma.

Exploration

Due to the unique geometry of a kimberlite pipe and the manner in which the kimberlite has intruded a pre-existing host rock type, there are often differences in the physical characteristics of a kimberlite and the host rock. Sometimes these contrasting physical characteristics are significant enough to be detected by airborne or ground geophysical surveys. Two of the most commonly used geophysical techniques are airborne or ground magnetic surveys and electromagnetic (EM) surveys. A magnetic survey measures the magnetic susceptibility and EM surveys measure the electrical conductivity (or resistivity) of the material at or near the earth's surface. When magnetic or resistivity measurements are collected at regular spaced intervals along parallel lines, the data can be plotted on a map and individual values can be compared. If a geophysical survey is conducted over an area where the bedrock and overburden geology is constant and there are no prominent structures or faults, there will be little variation in magnetic or resistivity response. However, when a kimberlite intrudes a homogenous geologic unit and erupts on surface, there is often a detectable change in the geophysical signature or anomalous magnetic or resistivity response over the kimberlite diatreme. When the data are contoured the anomalous results often occur as a circular or oval anomaly outlining the surface or near surface expression of the diatreme.

The effectiveness of geophysical methods in kimberlite exploration is dependent on the assumption that the difference between the geophysical signature of the hosting rock unit and a potential kimberlite is significant enough to be recognised by the geophysical techniques available. There are many examples of economic kimberlites that produce very subtle, unrecognisable geophysical responses as well as non kimberlite geologic features and man made structures (referred to as "cultural interference") such as oil wells, fences, bridges, buildings which can produce kimberlite like anomalies. In addition, in areas of thick overburden, such as the Legend region, sand and gravel with water and placer accumulations of heavy oxide minerals, can yield both magnetic and EM anomalies that are easily confused with those due to kimberlite. For these reasons, it is extremely important that other information such as DIM surveys be used in tandem with geophysical evidence to confirm whether there is other information to support the presence of a kimberlite pipe (Fipke *et al.*, 1995).

REGIONAL GEOLOGICAL SETTING

Precambrian

Grizzly's Legend Property lies near the eastern edge of the Western Canadian Sedimentary basin within the northern segments of the Peace River Arch (PRA). However, Precambrian rocks are not exposed within the Namur Lake region (NTS 84H). The basement underlying the PRA is comprised of several terranes including the Buffalo Head and the Chinchaga, both of which were accreted between 1.8 and 2.4 billion years (Ga) ago and collectively form the Buffalo Head Craton (Ross *et al.*, 1991, 1998). Due to their relatively stable history since accretion, the Buffalo Head and Chinchaga terranes are currently the focus of extensive diamond exploration in northern Alberta.

The basement underlying the Legend and Little Legend Properties borders the Buffalo Head Terrane and has been interpreted to be part of the Talston Magmatic Zone (Figure 4). The Taltson Magmatic Zone (TMZ) is a 2.0 to 1.8 Ga aged terrane that represents a magmatic arc related to collisional orogeny during the Proterozoic. It is unclear whether the TMZ represents a deep-seated thermal welt between two distinct protocontinents or a discreet thin-skinned thrust slice that has been emplaced over the top of the basement of the Rae Subprovince, as has been proposed for the Trans-Hudson orogenic belt in Saskatchewan (Hajnal *et al.*, 1993). The TMZ is characterised by a highly corrugated internal fabric comprised of extremely high relief, north to northwest trending sinuous magnetic anomalies. The Little Legend property is underlain by the western portion of the TMZ with much lower magnetic relief and a somewhat indistinct magnetic pattern relative to typical TMZ terrane. Villeneuve *et al.* (1993) indicate that the western boundary of the TMZ is not obvious based upon geophysical data and has been placed using zircon ages from a couple of

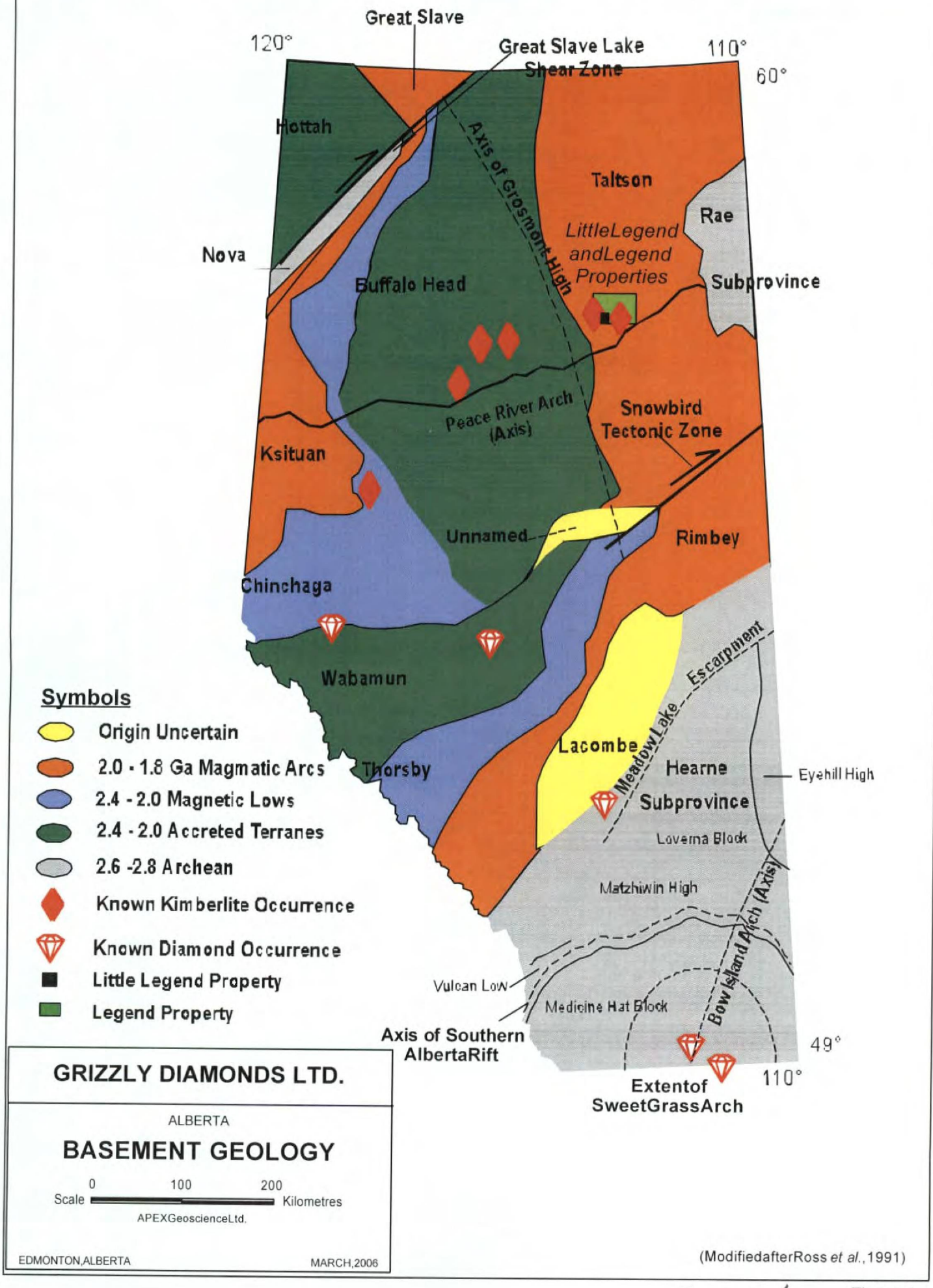


Figure 4

Figure 4

basement drill cores. The basement beneath the Little Legend property may belong to the eastern "Utikuma Belt" of the BHT as the western portion of the TMZ. The BHT is an area of high positive magnetic relief with a north to northeasterly fabric (Villeneuve *et al.*, 1993). Ashton Mining of Canada Inc.'s (Ashton) diamondiferous kimberlites are underlain by basement of the BHT. Part of the Churchill Structural Province (Rae Subprovince), the BHT may represent either Archean crust that has been thermally reworked during the Hudsonian (Proterozoic) Orogeny (Burwash *et al.*, 1962; Burwash and Culbert, 1976; Burwash *et al.*, 1994) or an accreted Proterozoic terrane that may or may not have an Archean component (Ross and Stephenson, 1989; Ross *et al.*, 1991; Villeneuve *et al.*, 1993). Precambrian rocks intersected in drill core from the BHT comprise felsic to intermediate metaplutonic rocks, felsic metavolcanic rocks and high-grade gneisses (Villeneuve *et al.*, 1993). The presence of numerous eclogitic garnets, eclogitic pyroxenes and chromium-bearing corundums in association with kimberlites or related intrusions in northern Alberta may indicate the presence of a significant volume of accreted and subducted oceanic basalt and sedimentary protolith in the lower crust and/or upper mantle beneath the BHT. Seismic refraction and reflection studies indicate that the crust in the Namur Lake region is likely between 35 to 40 km thick, a trait favourable for the formation and preservation of diamonds in the upper mantle (Dufresne *et al.*, 1996).

Phanerozoic

Overlying the basement in the Namur Lake region is a thick sequence of Phanerozoic rocks comprised mainly of Cretaceous sandstones and shales near surface and Mississippian to Devonian carbonates and salts at depth (Glass, 1990). Bedrock exposure within the permit block is limited primarily to river and stream cuts and topographic highs. Table 2 shows the upper units found in the region. Further information pertaining to the distribution and character of these and older units can be obtained from well log data in government databases and various geological and hydrogeological reports (Green *et al.*, 1970; Hackbarth and Nastasa, 1979; Glass, 1990; Mossop and Shetson, 1994).

Underlying the near surface Cretaceous units in the Namur Lake area is a thick succession of Devonian to Mississippian carbonates, calcareous shales and salt horizons (Mossop and Shetson, 1994). Several of the Devonian carbonate units are part of the Grosmont Reef Complex, a large structure that extends in a northwesterly direction from east of Lesser Slave Lake to the N.W.T. (Bloy and Hadley, 1989). The Grosmont Reef Complex is likely the result of tectonic uplift along this trend during the Devonian. This structure, in conjunction with the PRA, may have played a significant role in the localisation of faults and other structures that could have provided favourable pathways for kimberlite volcanism.

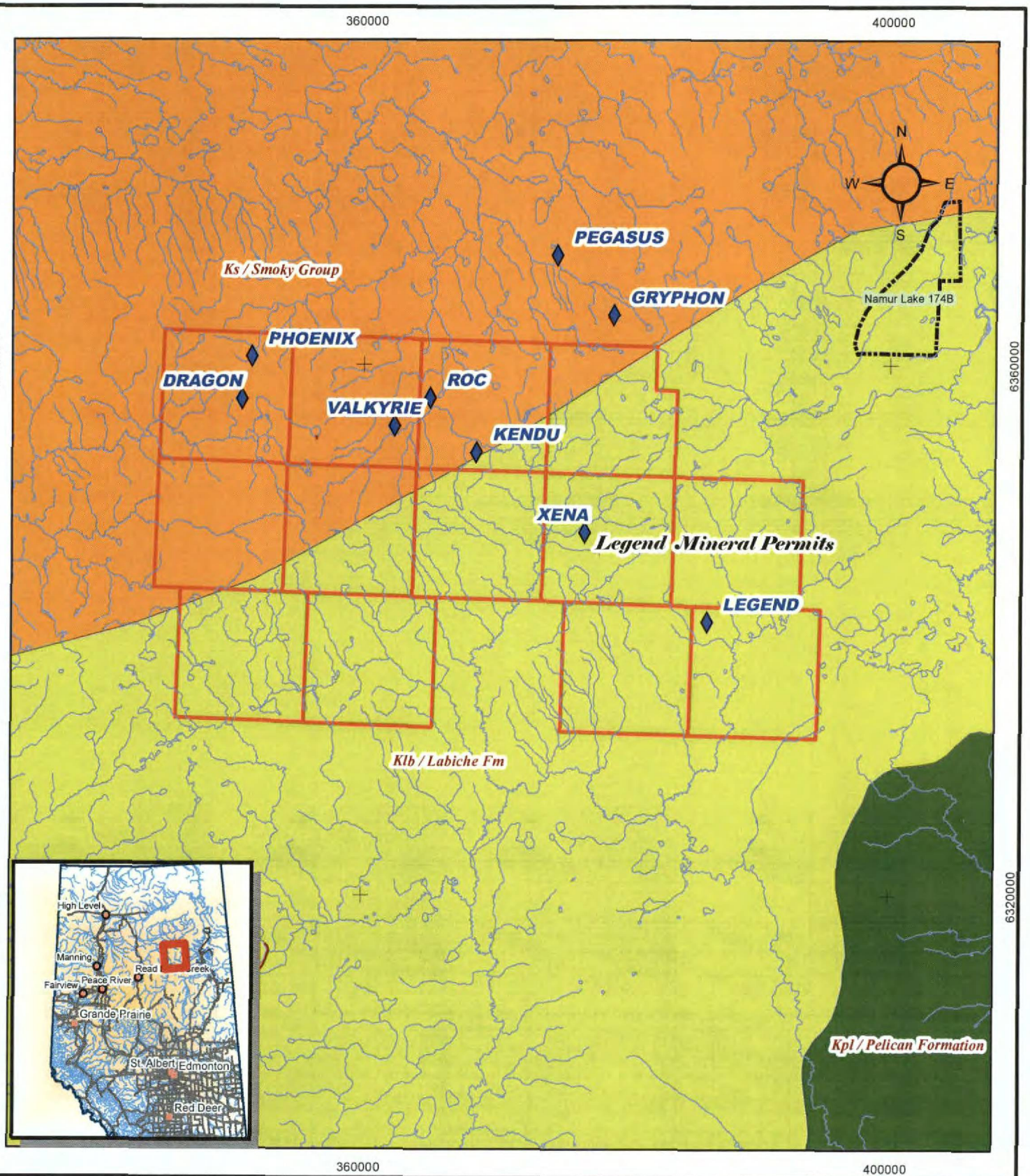
TABLE 2. GENERALIZED STRATIGRAPHY - NAMUR LAKE AREA

SYSTEM	GROUP	FORMATION	AGE* (MA)	DOMINANT LITHOLOGY
PLEISTOCENE			Recent	Glacial till and associated sediments
TERTIARY			6.5 to Recent	Preglacial sand and gravels
UPPER CRETACEOUS		Lea Park	80 to 83	Bioturbated silty-shale
	Smoky	Kaskapau	88 to 92	Shale, silty-shale and ironstone; includes the Second White Specks unit
		Dunvegan	92 to 95	Sandstone and siltstone
	Fort St. John	Shaftesbury	95 to 98	Shale, bentonites, Fish-Scale Member
LOWER CRETACEOUS	Colorado	Pelican	98 to 100	Glauconitic sands, siltstone, mudstone and conglomerate
		Joli Fou	100 to 103	Shale, glauconitic sandstone and bentonite

*Ages approximated from Green *et al.* (1970), Glass (1990), Dufresne *et al.* (1996) and Leckie *et al.* (1997).

In general, the Cretaceous strata underlying the Legend and Little Legend Properties are composed of alternating units of marine and nonmarine sandstones, shales, siltstones, mudstones and bentonites. The oldest documented units exposed in the vicinity of the permit area belong to the Smoky Group, a sequence of Upper Cretaceous, calcareous and noncalcareous shales (Figure 5). However, older units from the base of the Fort St. John and/or the top of the Colorado groups, such as the Shaftesbury Formation, may be exposed in river and stream cuts.

The Colorado Group is Lower Cretaceous in age and contains numerous formations, including the Joli Fou and the Pelican, which are correlative with the Peace River Formation of the Fort St. John Group further west (Dufresne *et al.,* 1996). The Joli Fou Formation is comprised of shale with interbedded, bioturbated to glauconitic sandstones and minor amounts of bentonite, pelecypod coquinas, nodular phosphorite and concretionary layers of calcite, siderite and pyrite (Glass, 1990). The Pelican Formation disconformably overlies the Joli Fou Formation and is gradational with the overlying Shaftesbury Formation (shales of the Colorado Group). The Pelican Formation is comprised of glauconitic sands,



Legend

- BM Kimberlites
- City/ Indian Reserve Boundaries

FORMATION

- Dunvegan Formation
- Joli Fou Formation
- Kaskapau Formation
- Labiche Fm
- Loon River Shale
- Peace River Formation
- Pelican Formation
- Puskwaskau Formation
- Shaftesbury Formation
- Smoky Group

GRIZZLY DIAMONDS LTD

Legend

Bedrock Geology

Figure 5

Scale: 1:400,000
Nad27 Zone 12

0 2.5 5 10
Kilometers

Map by APEX Geoscience Ltd.

June 2006

interbedded siltstone and mudstone with minor amounts of conglomerate. Coalified plant fragments and bioturbated sandstones are locally abundant.

The Shaftesbury Formation is lower Upper Cretaceous in age and is comprised of marine shales with fish-scale bearing silts, thin bentonitic streaks and ironstones. The upper contact is conformable and transitional with the Dunvegan Formation, where the Dunvegan Formation is present. The Shaftesbury Formation may be exposed along river and stream cuts. Evidence of extensive volcanism during deposition of the Shaftesbury Formation exists in the form of numerous bentonitic horizons throughout the formation, especially within and near the Fish Scales horizon (Leckie *et al.*, 1992; Bloch *et al.*, 1993). The deposition of the Shaftesbury Formation is also chronologically correlative with the deposition of the Crowsnest Formation volcanics of southwest Alberta (Olson *et al.*, 1994; Dufresne *et al.*, 1995) and with kimberlitic volcanism near Fort B la Corne in Saskatchewan (Lehnert –Thiel *et al.*, 1992; Scott Smith *et al.*, 1994)

Deltaic to marine, feldspathic sandstones, silty shales and laminated carbonaceous siltstones, characterise the Dunvegan Formation. The Dunvegan Formation in the Birch Mountains region is shaley, thin and often discontinuous. As a result, it may or may not be present within the Namur Lake area. Where present, the unit is conformably overlain by shales of the Kaskapau Formation of the Smoky Group. It should be noted that the Ashton pipes exist just above or near the contact between the Kaskapau and the Dunvegan formations (Dufresne *et al.*, 1998).

The LaBiche Formation is a frequently incorrectly used term correlative to units of the Shaftesbury Formation and other formations within the Smoky and Colorado groups (Glass, 1990). In the Namur Lake area, the LaBiche Formation is equivalent to the Smoky Group and Lea Park Formation. The Smoky Group is Upper Cretaceous in age and is comprised of thinly bedded, marine, silty shale with occasional ironstone and claystone nodules and thin bentonite streaks. The group is divided into three formations: (a) a lower shale unit, Kaskapau, which includes the Second White Specks marker unit (SWS); (b) a middle sandstone, named the Bad Heart; and, (c) an upper shale, Puskwaskau, which contains the First White Specks marker unit. Bedrock exposures in the Little Legend Property are likely comprised of the Kaskapau Formation, in particular, the SWS or lower, since most of the upper portions of the Smoky Group have been eroded away during tectonic uplift, possibly associated with uplift of the PRA. The Kaskapau Formation contains abundant ammonite fossils and concretions. In addition, foraminifera are present in the lower arenaceous units (Glass, 1990). Exposures of the Smoky Group are generally limited to river and stream cuts, topographic highs, and regions with thin drift veneer. In the Namur Lake region, the SWS is unconformably overlain by the Lea Park Formation. The top of the SWS also culminates with evidence of a significant increase in volcanism, based on the volume and number of bentonite units in the vicinity. It is conceivable that this volcanism may have been in conjunction with or a prelude to gradual uplift and non-deposition of the missing Smoky Group formations. There is strong evidence of volcanism associated within the depositional time span of the Smoky Group in the vicinity of the PRA (Auston,

1998; Carlson *et al.*, 1998). Ashton's recently discovered Buffalo Head Hills kimberlites yield emplacement ages of 86 to 88 Ma (Auston, 1998; Carlson *et al.*, 1998).

The youngest bedrock unit in the Namur Lake area is the Lea Park Formation of Upper Cretaceous age. Marine in origin, the Lea Park Formation is comprised of light grey shale and pale grey, glauconitic, silty-shale with ironstone concretions. Preliminary micropaleontology conducted by the Geological Survey of Canada (GSC) on drill cores from the Birch Mountains area indicates a time gap of 4 to 8 million years between the Lea Park Formation and the top of the underlying SWS Formation. This time gap, combined with the evidence of regolithic material incorporated in the lag deposit capping the SWS in boreholes situated to the east, indicates that significant uplift and erosion may have occurred between the end of the SWS and the deposition of the overlying Lea Park shales and siltstones (Dufresne *et al.*, 2001). The recently discovered Birch Mountain Kimberlites in the Namur Lake area are reported to yield emplacement ages ranging from 71 (Montello Resources Ltd., 1999) to about 84 Ma (Northern Miner, 1998). The lattermost age corresponds roughly to the age of the erosional unconformity between the SWS and Lea Park.

Quaternary

Data and information about the surficial geology in central to northern Alberta is sparse and regional in nature. Prior to continental glaciation during the Pleistocene, most of Alberta, including the Namur Lake region, had reached a mature stage of erosion. Large, broad paleochannels and their tributaries drained much of the region, flowing in an east to northeasterly direction (Dufresne *et al.*, 1996). In addition, fluvial sand and gravel was deposited preglacially in these channels.

During the Pleistocene, multiple southwesterly and southerly glacial advances of the Laurentide Ice Sheet across the region resulted in the deposition of ground moraine and associated sediments (Figure 5 in Dufresne *et al.*, 1996). The advance of glacial ice may have resulted in the erosion of the underlying substrate and modification of bedrock topography. Dominant ice flow directions within the Legend and Little Legend Properties appear to be topographically controlled, following the southwest trend of the Birch Mountains. In addition, topographic variations may have locally channelled ice flow towards the south to south-southeast. Glacial sediments infilled low-lying and depressional areas, draped topographic highs and covered much of the Namur Lake area as veneers and/or blankets of till and diamict. Localised pockets of deposits from glacial meltwater and proglacial lakes likely infilled areas of low relief.

Glacial ice is believed to have receded from the area between 15,000 and 10,000 years ago. After the final glacial retreat, lacustrine clays and silts were deposited in low-lying regions along with organic sediments. Rivers previously re-routed due to glaciation, re-established easterly to northeasterly drainage regimes similar to that of the pre-Pleistocene. Extensive colluvial and alluvial sediments accompanied post-glacial river and stream incision.

The majority of the Legend and Little Legend Properties are covered by drift of variable thickness, ranging from 45 m to likely over 150 m (Pawlowicz and Fenton, 1995a,b). Drilling by Kennecott on the Legend Property intersected drift ranging from approximately 120 m northwest and west of the Little Legend Property to over 80 m just east of Blue Diamond's property (Montello Resources Ltd., 1998a,b). Drift thickness may be thinner locally, in areas of higher topographic relief. As an example, one of the kimberlites drilled by Kennecott was intersected beneath only 12.2 m of overburden. Unfortunately, local drift thickness for both Legend properties can not be easily delineated due to the sparsity of publicly available data for the region. Limited general information regarding bedrock topography and drift thickness in northern Alberta is available from the logs of holes drilled for petroleum, coal or groundwater exploration and from regional government compilations (Mossop and Shetson, 1994; Pawlowicz and Fenton, 1995a,b; Dufresne *et al.*, 1996).

Structural Geology

In north-central Alberta, the PRA is a region where the younger Phanerozoic rocks, which overlie the Precambrian basement, have undergone periodic vertical and, possibly, compressive deformation from the Proterozoic into Tertiary time (Cant, 1988; O'Connell *et al.*, 1990; Dufresne *et al.*, 1995, 1996). This pattern of long-lived, periodic uplift and subsidence has imposed a structural control on the deposition patterns of the Phanerozoic strata in northern Alberta. In addition, this periodic movement has resulted in a rectilinear pattern of faults that not only is responsible for structurally controlled oil and gas pools, but may have provided potential pathways for later deep-seated intrusive kimberlitic magmas.

During the mid-Cretaceous and Early Tertiary, compressive deformation occurred as a result of the orogenic event that eventually led to the formation of the Rocky Mountains. The PRA was emergent during this period resulting in the reactivation of many prominent basement faults. The Phanerozoic rocks beneath the Little Legend Property lie along the northeastern edge of the axis of the PRA and are underlain by and proximal to basement faults related to the Grosmont Reef Complex, which formed over the Grosmont High (Bloy and Hadley, 1989; Dufresne *et al.*, 1996). There is strong evidence that basement faults that have manifested themselves in the overlying Phanerozoic sedimentary succession may have controlled the emplacement of the Mountain Lake Kimberlite and the Buffalo Head Hills kimberlites west of the Legend and Little Legend Properties (Dufresne *et al.*, 1996; Leckie *et al.*, 1997). It is unclear whether the kimberlites discovered to date in the Birch Mountains by Kennecott and its joint venture partners show any spatial relationship to structures in the underlying basement and/or Phanerozoic succession. However, structures observed on the Little Legend Property, as well as the Legend Property, resulting from tectonic activity associated with movement along the PRA, the Grosmont High, or even along contacts between different basement terranes could be pathways for kimberlitic volcanism.

2005 – 2006 EXPLORATION

During mid January to March 2005, Canadian Mining Services (CMS) was contracted to establish winter road access from the Legend Camp to the drill stored at the Lammasu magnetic target in preparation for drill testing the target. Appropriate drilling permits and access to water for drilling were not obtained in time to conduct a drilling program during 2005, therefore the program was suspended. During December 2005, the Legend area access was scouted and a preliminary ground geophysics program was conducted at the Argonaut magnetic target by APEX personnel. The raw and corrected magnetic data and associated contoured magnetic maps for the 2005-2006 ground geophysics program is provided in Appendix 2.

Between January 8 and March 28, 2006 APEX personnel and associated subcontractors conducted an exploration program on the Legend Property that included ground geophysics at four separate magnetic targets and diamond drilling to test for kimberlite at three targets. The raw and corrected magnetic data and associated contoured magnetic maps are provided in Appendix 2. The field days conducted by APEX personnel and certain subcontractors are listed in Appendix 3. Canadian Mining Services mobilized to the field during mid January to drill test the Lammasu magnetic target. During late January, Full Force Drilling was mobilized to the field to drill test the Argonaut magnetic target and the north lobe of the Lammasu magnetic target. Total exploration costs for the 2005 and 2006 exploration incurred by APEX and Grizzly were CDN$360,514.37 (not including GST). These costs are summarized in Appendix 4. The locations for the 2005 – 2006 ground geophysical grids and the 2006 drillholes are shown on Figure 6.

2006 Ground Geophysical Surveys

Ground magnetic surveys were conducted at five separate targets on December 17, 2005 (Argonaut), between January 8 and January 23, 2006 (Lammasu), and from March 15 to March 21, 2006 (Legend, Legend Camp and Legend West). The ground geophysical surveys where conducted on the property in order to confirm the validity of the airborne anomalies as potential drill targets, and attempt to determine suitable targets for immediate and future drilling. A line spacing of 50m with 5m stations was used for all grids, in some cases 25 m spaced infill lines were surveyed as well. A total of 24.6 line km of ground magnetic surveys over five possible drill targets was completed during the period. Raw magnetic data from the ground surveys was corrected for diurnal variations by using a synchronized base station magnetometer. The corrected magnetic data was contoured using Surfer 8.0 and Geosoft Montaj 6.1 and then was interpreted by APEX staff. The contoured ground magnetic data is provided in Appendix 2a. The raw and corrected ground magnetic data are provided in Appendix 2b. The methodology employed conducting the surveys along with the specifications of the magnetometer units used are provided in Appendix 2c.

Based upon the results of the ground magnetic surveys, three high priority targets were chosen for immediate drill testing. The Argonaut, the Lammasu north and

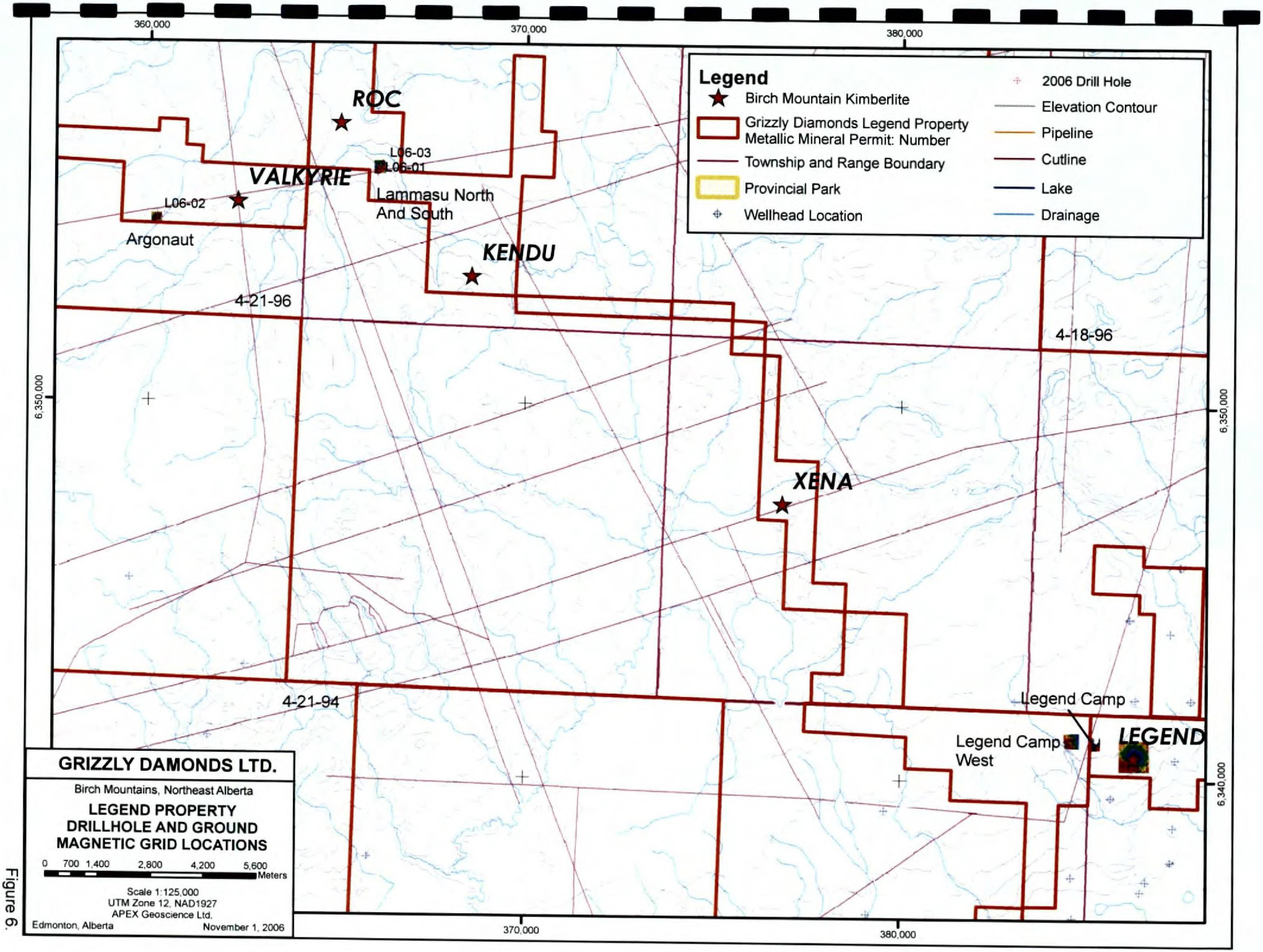

360,000
370,000
380,000
6,350,000
6,340,000
Legend
Birch Mountain Kimberlite
Grizzly Diamonds Legend Property
Metallic Mineral Permit: Number
Township and Range Boundary
Provincial Park
Wellhead Location
2006 Drill Hole
Elevation Contour
Pipeline
Cutline
Lake
Drainage
ROC
VALKYRIE
L06-03
L06-01
L06-02
Argonaut
Lammasu North
And South
KENDU
4-21-96
4-18-96
XENA
4-21-94
Legend Camp
Legend Camp
West
LEGEND
GRIZZLY DAMONDS LTD.
Birch Mountains, Northeast Alberta
LEGEND PROPERTY
DRILLHOLE AND GROUND
MAGNETIC GRID LOCATIONS
0 700 1,400 2,800 4,200 5,600
Meters
Scale 1:125,000
UTM Zone 12, NAD1927
APEX Geoscience Ltd.
Edmonton, Alberta
November 1, 2006

Figure 6.

Lammasu south lobes (Figure 6). The Legend Camp target, which essentially is the area covered by the Legend Camp and compressor station displays and interesting strong and consistent magnetic low (Appendix 2a). This targets was inconclusively drill tested during 1998 by Kennecott and should be retested. The camp and compressor station exist on a peculiar high ground area that corresponds to the magnetic low. In addition the magnetic low is a strong, reversely polarized magnetic anomaly that displays a consistent polarity direction that is unusual when associated with mand-made culture such as the camp and compressor station. This target should retested during an upcoming drill campaign. The fifth target that was ground magnetic surveyed is the Legend Kimberlite (Appendix 2a). The Legend kimberlite yields a distinct and strong magnetic anomaly including a strong dipole feature that may indicative of more than one phase of kimberlite. The magnetic anomaly appears to be about 800 m in diameter, although the kimberlite need not be the same size. The Legend Kimberlite was surveyed in preparation for further drill testing, with the intent to test for other phases of kimberlite based upon increased diamond counts obtained from different phases of the Star Kimberlite in the Fort a la Corne field.

2006 Drilling

Diamond drill testing of three high priority magnetic targets on the Legend Property, was carried out between January 28 and February 24, 2006 by Full Force Drilling and Canadian Mine Services (Table 3). The targets tested include the Argonaut, Lammasu South, and Lammasu North (Appendix 2, Table 3 and Figure 6). Three drill holes totalling 403.14 m of diamond drilling were completed during the period. The drilling was conducted using a Longyear model 38 diamond drill using a combination of NW sized casing, and NQ and BTW sized rods. All holes were drilled at -90°. No kimberlite was encountered in any of the holes. The magnetic anomalies underlying both Lammasu North and Argonaut (drill holes L06-01, L06-02) were explained by a layer of dark, fine grained, and highly magnetic material in sediment that was interpreted as being lake bottom sediments. The Lammasu South anomaly (drill hole L06-03) was not explained by the drilling. A magnetic layer, similar to that intersected in L06-01, may have been washed away during the drilling process. Copies of the drill logs are presented in Appendix 5

TABLE 3. LEGEND DRILLHOLES 2006

Hole	Location UTM NAD 1927 Zone 12		Depth	Bedrock?	Kimberlite Intersection?
	Northing	Easting			
L06-01 (Lammasu North)	6356186	366048	172.21m	Yes	**No**
L06-02 (Argonaut)	6354870	360200	167.03m	Yes	**No**
L06-03 (Lammasu South)	6356309	366177	63.09m	No	**No**

Conclusions

No new kimberlites were discovered on the Legend Property during recent exploration and drilling. While several high priority targets were located and gridded for ground magnetics, none of the three targets drilled intersected kimberlite. A number of airborne magnetic anomalies remain to be ground geophyscially surveyed and drill tested.

The magnetic anomaly at both the Lammasu and Argonaut targets was explained by a highly magnetic layer of fine-grained sediment either in the overburden or in the bedrock. There still remain several geophysical targets on the Legend Property that warrant further exploration and possible drilling.

Recommendations

Based upon prior exploration that indicates the presence of nine kimberlites in the Birch Mountains with at least two yielding a few microdiamonds, further exploration for diamondiferous kimberlites is warranted at the Legend Property. The actual diamond potential of the Birch Mountain Kimberlite Field is poorly understand as little or no diamond indicator minerals sampling has been conducted in the Birch Mountains to date. A number of untested airborne magnetic anomalies remain to be surveyed with ground geophysics. In addition, little or no electromagnetic nor gravity methods have been used in the Birch Mountains to search for non-magnetic kimberlites. It is strongly recommended that a staged program of diamond indicator sampling, airborne magnetic-electromagnetic surveys, ground magnetic surveys followed by diamond drill testing be considered at the Legend Property. Based upon the size of the Legend kimberlite, potentially up to 800 m in diameter, the presence of diamonds and the potential for multiple phases as in the Fort a la Corne kimberlites, it is recommended the Legend Kimberlite be considered for a mini-bulk sample.

APEX Geoscience Ltd.

PERMIT TO PRACTICE
APEX Geoscience Ltd.
Signature
Date November 6, 2006
PERMIT NUMBER: P-5824
The Association of Professional Engineers, Geologists and Geophysicists of Alberta

PROFESSIONAL GEOLOGIST ALBERTA
MICHAEL B. DUFRESNE

Michael B. Dufresne, M.Sc., P.Geol.
Edmonton, Alberta
November 2, 2006

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CERTIFICATE OF AUTHOR

I, Michael B. Dufresne, M.Sc., P.Geol., do hereby certify that:

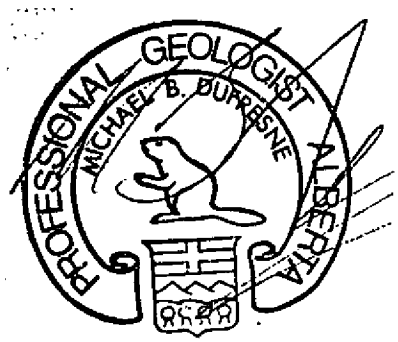
1. I am President of: APEX Geoscience Ltd.
   Suite 200, 9797 – 45th Avenue
   Edmonton, Alberta T6E 5V8
   Phone: 780-439-5380

2. I graduated with a B.Sc. Degree in Geology from the University of North Carolina at Wilmington in 1983 and with a M.Sc. Degree in Economic Geology from the University of Alberta in 1987.

3. I am a Professional Geologist registered with APEGGA (Association of Professional Engineers, Geologists and Geophysicists), and a 'Qualified Person' in relation to the subject matter of this report.

4. I am not aware of any material fact or material change with respect to the subject matter of the Report that is not reflected in the Report, or the omission to disclose which makes the Report misleading.

5. I have visited the property that is the subject of this Report During fall 2005 and summer 2006.



Michael B. Dufresne, M.Sc., P.Geol.
Edmonton, Alberta, Canada
November 2, 2006.

APPENDIX 1
METALLIC MINERAL AGREEMENTS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 8:12:06 AM

Agreement Number: 093 9302090598

Status: ACTIVE
Term Date: 2002-09-04
Agreement Area: 1008
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-18-094: 29NW,L10,L15;31-33;34NW,L5-L7,L10,L15

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 8:12:31 AM

Agreement Number: 093 9302090599

Status: ACTIVE
Agreement Area: 1792

Term Date: 2002-09-04
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-19-094: 05L14-L16;08SE,L3,L6;13L13,L14;14SE,L3,L6,L9-L11;24W;25N,SW;26N;27L9,L16;32NE,L11,L14;33N;34-36

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 8:13:34 AM

Agreement Number: 093 9302090602

Status: ACTIVE
Agreement Area: 256

Term Date: 2002-09-04
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-19-096: 05L3,L4;06L5-L8;15L13,L14;19L15,L16;22L3,L4;30SE

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 8:12:50 AM

Agreement Number: 093 9302090600

Status: ACTIVE
Agreement Area: 672

Term Date: 2002-09-04
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-18-095: 04W,L2,L7,L10,L15;08L16;09W,L2,L7,L10,L15;16SW,L2,L7;17S,L10-L12

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 8:13:12 AM

Agreement Number: 093 9302090601

Status: ACTIVE
Agreement Area: 1104

Term Date: 2002-09-04
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-19-095: 03;04SE;09N;10S;16W;20E;21W;29L2,L7,L10,L15;32L2,L7,L10,L13,L14

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 8:13:58 AM

Agreement Number: 093 9302090603

Status: ACTIVE
Agreement Area: 2528

Term Date: 2002-09-04
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-20-096: 01L5-L8;02L5-L8;03NW,L7,L8;04N;09;10W;15SW,NE,L11,L14;16S;17S,NW;18N;19;20SW;22L1-L3,L6, L7,L10,L11,L14,L15;27L2,L3,L6,L7;30;32;36NE,L6-L8,L11,L14

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 8:14:22 AM

Agreement Number: 093 9302090604

Status: ACTIVE
Agreement Area: 1456

Term Date: 2002-09-04
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-21-096: 10N;11N;12N;13S;14S,L12;15;16N;17N;18N;19S;22L1,L2

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 8:14:43 AM

Agreement Number: 093 9302090605

Status: ACTIVE
Agreement Area: 976

Term Date: 2002-09-04
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-22-096: 13N;14L13-L16;15L14-L16;22SE,L3,L6,L9,L16;23S,NW;24S;26W;27L1,L8,L9,L16;34L1,L8;35SW

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 7:52:25 AM

Agreement Number: 093 9303040865

Status: ACTIVE
Agreement Area: 640

Term Date: 2003-04-11
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-22-095: 16N;17N;18NE;19SE;20S;21S

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 7:56:55 AM

Agreement Number: 093 9305031145

Status: ACTIVE
Agreement Area: 8208

Term Date: 2005-03-21
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-18-094: 01-28;29S,L9,L16;30;34L1-L4,L8,L9,L16;35;36

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 7:57:25 AM

Agreement Number: 093 9305031146

Status: ACTIVE
Agreement Area: 7424

Term Date: 2005-03-21
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-19-094: 01-04;05S,L9-L13;06;07;08N,L4,L5;09-12;13S,NE,L11,L12;14L4,L5,L12-L16;15-23;24E;25SE;26S;27S, NW,L10,L15;28-31;32S,L12,L13;33S

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 7:57:51 AM

Agreement Number: 093 9305031147

Status: ACTIVE
Agreement Area: 8544

Term Date: 2005-03-21
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-18-095: 01-03;04L1,L8,L9,L16;05-07;08S,NW,L9,L10,L15;09L1,L8,L9,L16;10-15;16N,L1,L8;17L9,L13-L16;18-36

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 8:08:56 AM

Agreement Number: 093 9305031156

Status: ACTIVE
Agreement Area: 8112

Term Date: 2005-03-21
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-19-095: 01;02;04N,SW;05-08;09S;10N;11-15;16E;17-19;20W;21E;22-28;29W,L1,L8,L9,L16;30;31;32SW,L1,L8,L9,L11,L12,L15,L16;33-36

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 8:10:05 AM

Agreement Number: 093 9305031157

Status: ACTIVE
Agreement Area: 8576

Term Date: 2005-03-21
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-22-095: 01-15;16S;17S;18S,NW;19N,SW;20N;21N;22-36

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 8:10:29 AM

Agreement Number: 093 9305031158

Status: ACTIVE
Agreement Area: 8448

Term Date: 2005-03-21
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-19-096: 01-04;05N,SE,L5,L6;06N,L1-L4;07-14;15S,NE,L11,L12;16-18;19S,NW,L9,L10;20;21;22N,SE,L5,L6;23;24;26-29;30N,SW;31-35

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 8:10:55 AM

Agreement Number: 093 9305031159

Status: ACTIVE
Agreement Area: 6112

Term Date: 2005-03-21
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-20-096: 01N,L1-L4;02N,L1-L4;03SW,NE,L1,L2;04S;05-08;10E;11-14;15SE;18S
21-096: 01-09;10S;11S;12S;16S;17S;18S

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 8:11:15 AM

Agreement Number: 093 9305031160

Status: ACTIVE
Agreement Area: 8336

Term Date: 2005-03-21
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-20-096: 15L12,L13;16N;17NE;20N,SE;21;22L4,L5,L8,L9,L12,L13,L16;23-26;27N,L1,L4,L5,L8;28;29;31;33-35;36L1-L5,L12,L13

4-21-096: 13N;14NE,L11,L13,L14;19N;20;21;22N,SW,L7,L8;23-36

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 8:11:38 AM

Agreement Number: 093 9305031161

Status: ACTIVE
Agreement Area: 8240

Term Date: 2005-03-21
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-22-096: 01-12;13S;14S,L9-L12;15S,L9-L13;16-21;22NW,L4,L5,L10,L15;23NE;24N;25;26E;27W,L2,L7,L10,L15;28-33;34N,SW,L2,L7;35N,SE;36

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 8:15:31 AM

Agreement Number: 093 9305121217

Status: ACTIVE
Agreement Area: 9216

Term Date: 2005-12-08
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-21-094: 01-36

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 8:15:52 AM

Agreement Number: 093 9305121218

Status: ACTIVE
Agreement Area: 9216

Term Date: 2005-12-08
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-22-094: 01-36

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: October 31, 2006 8:09:28 AM

Agreement Number: 093 9306061085

Status: ACTIVE
Agreement Area: 9216

Term Date: 2006-06-29
Continuation Date:

DESIGNATED REPRESENTATIVE

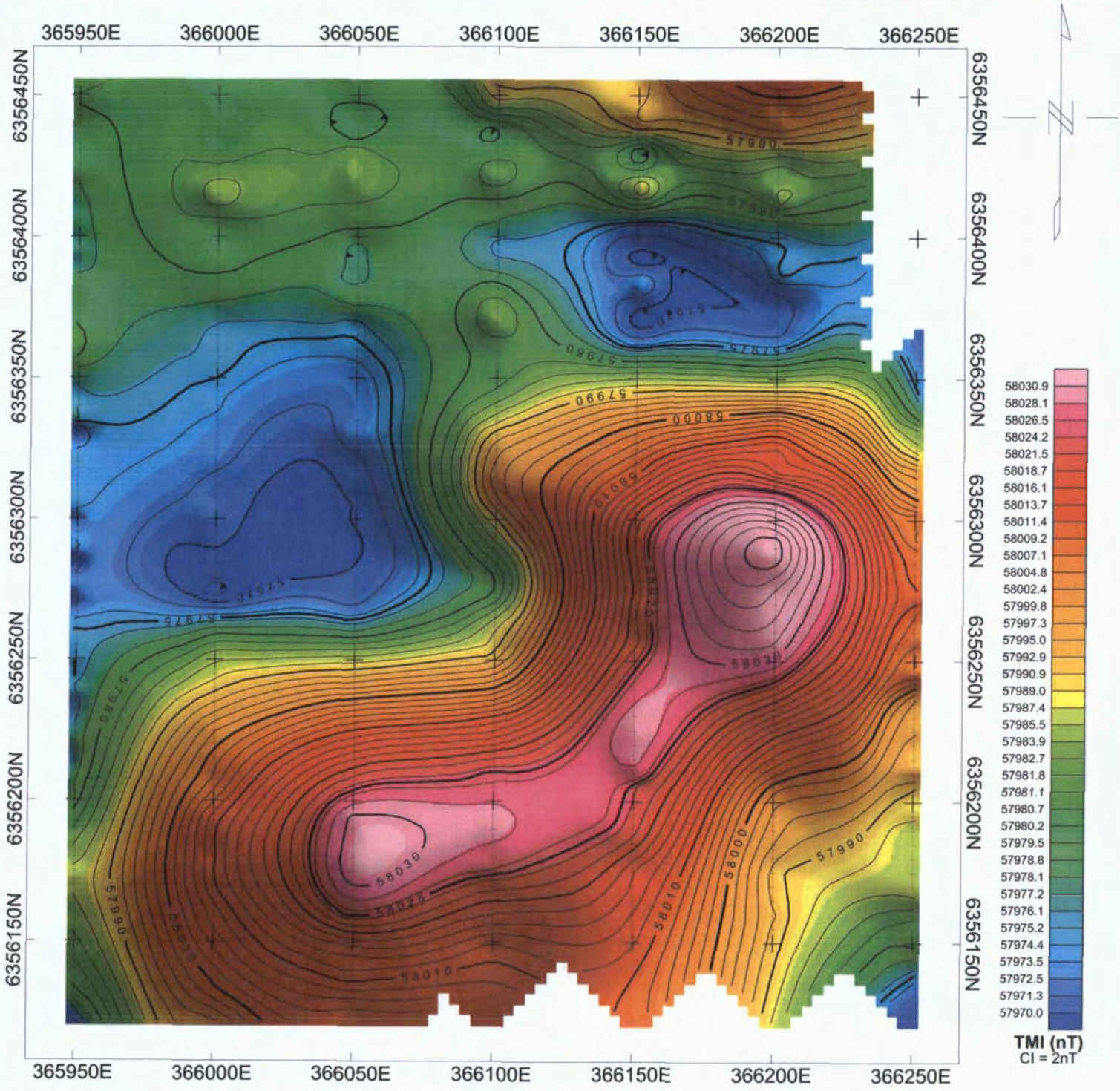
Client Id: 8078830
Client Name: GRIZZLY DIAMONDS LTD.
Address: 9797 45 AVE NW SUITE 200
EDMONTON, AB
CANADA T6E 5V8

LAND / ZONE DESCRIPTION

4-20-095: 01-36

METALLIC AND INDUSTRIAL MINERALS

APPENDIX 2A
GROUND MAGNETIC MAPS



Scale 1:2000

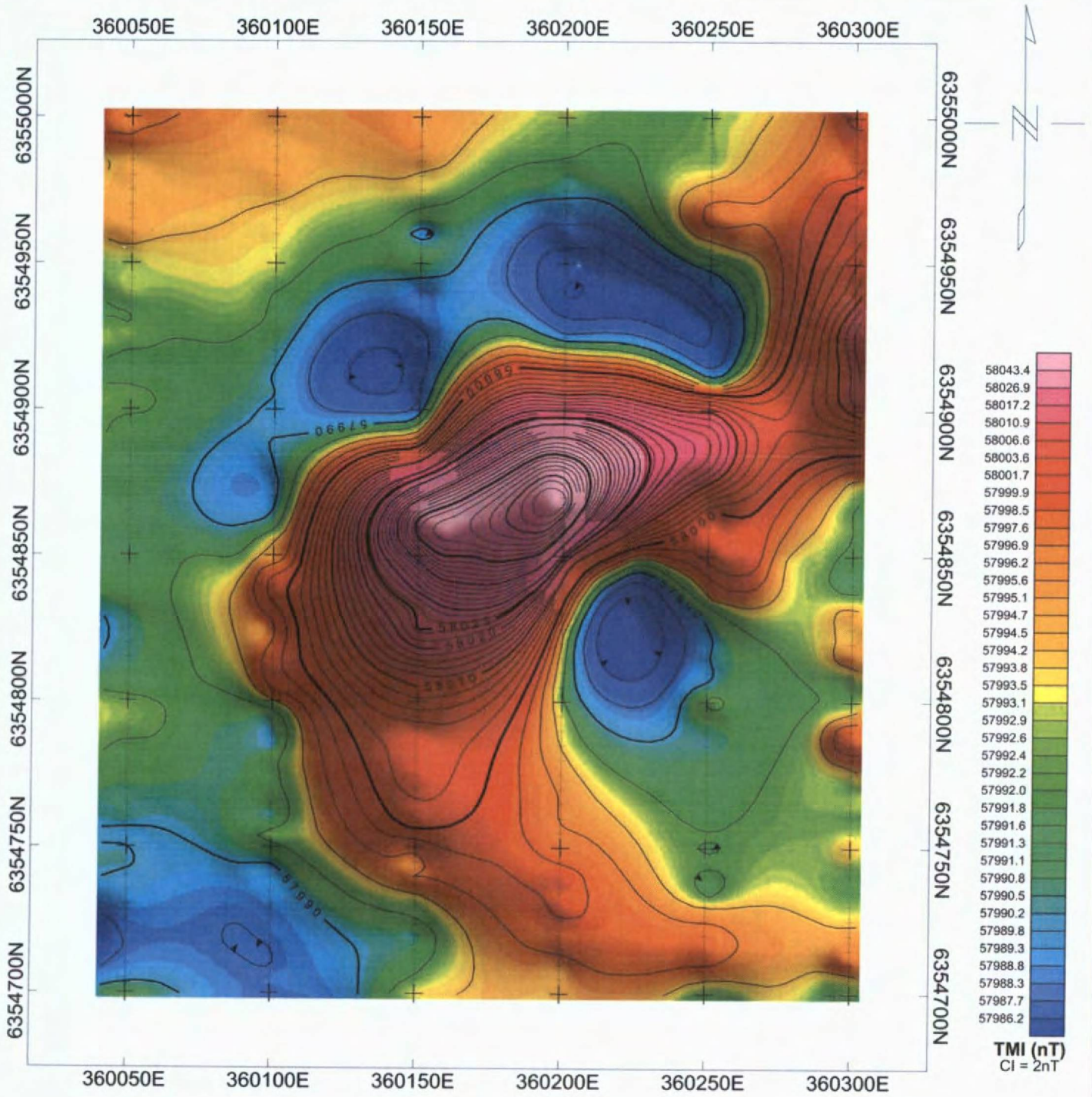
25 0 25 50

metres

GRIZZLY DIAMONDS LTD.

Total Field Ground Magnetics
Lammasu Target - Legend Property
Grid = UTM, North American Datum 1927, Zone 12

Edmonton, Alberta APEX Geoscience Ltd. November 2006



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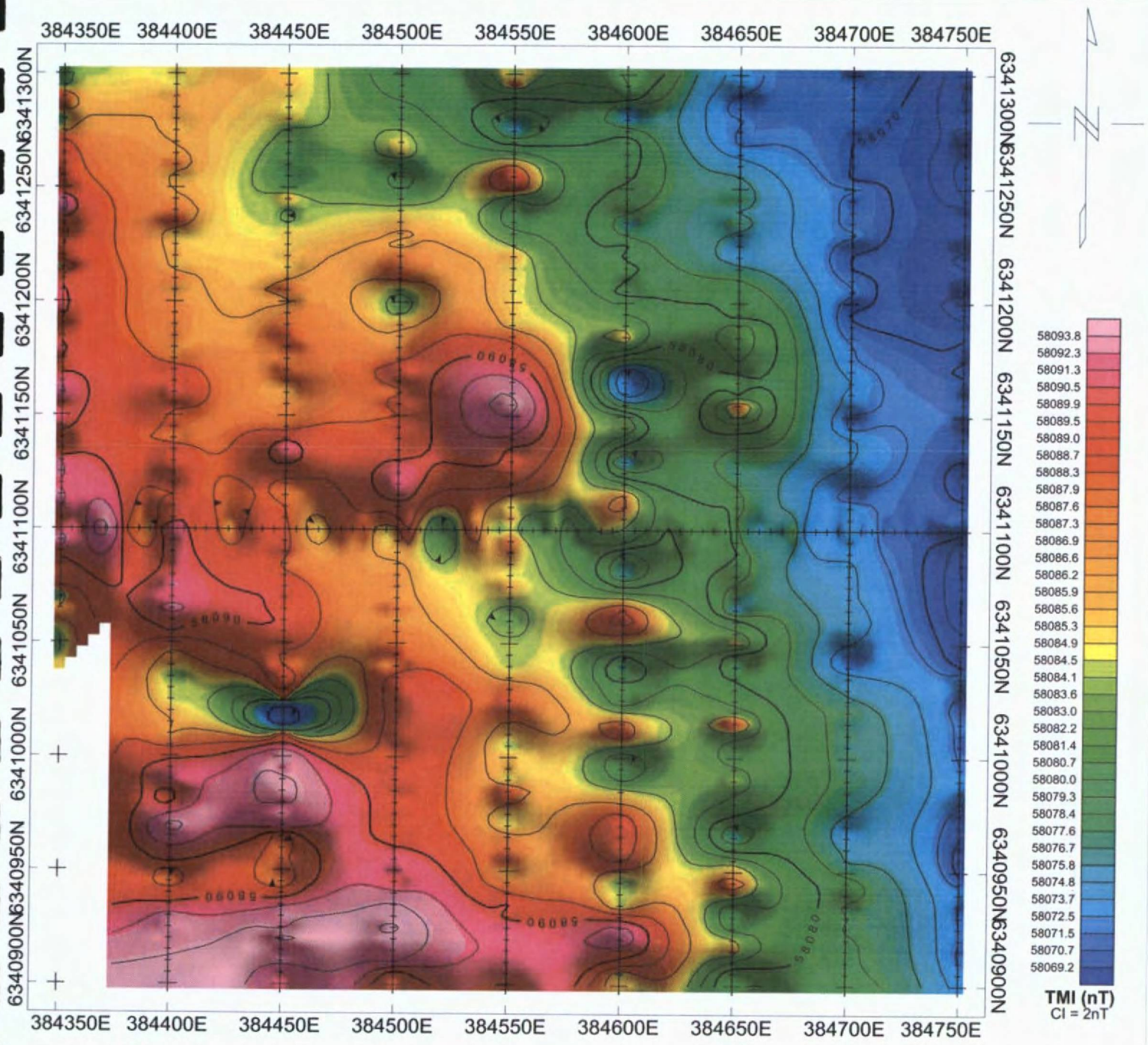
25 0 25 50

metres

GRIZZLY DIAMONDS LTD.

Total Field Ground Magnetics
Argonaut Target - Legend Property
Grid = UTM, North American Datum 1927, Zone 12

Edmonton, Alberta APEX Geoscience Ltd. November, 2006



Scale 1:2500

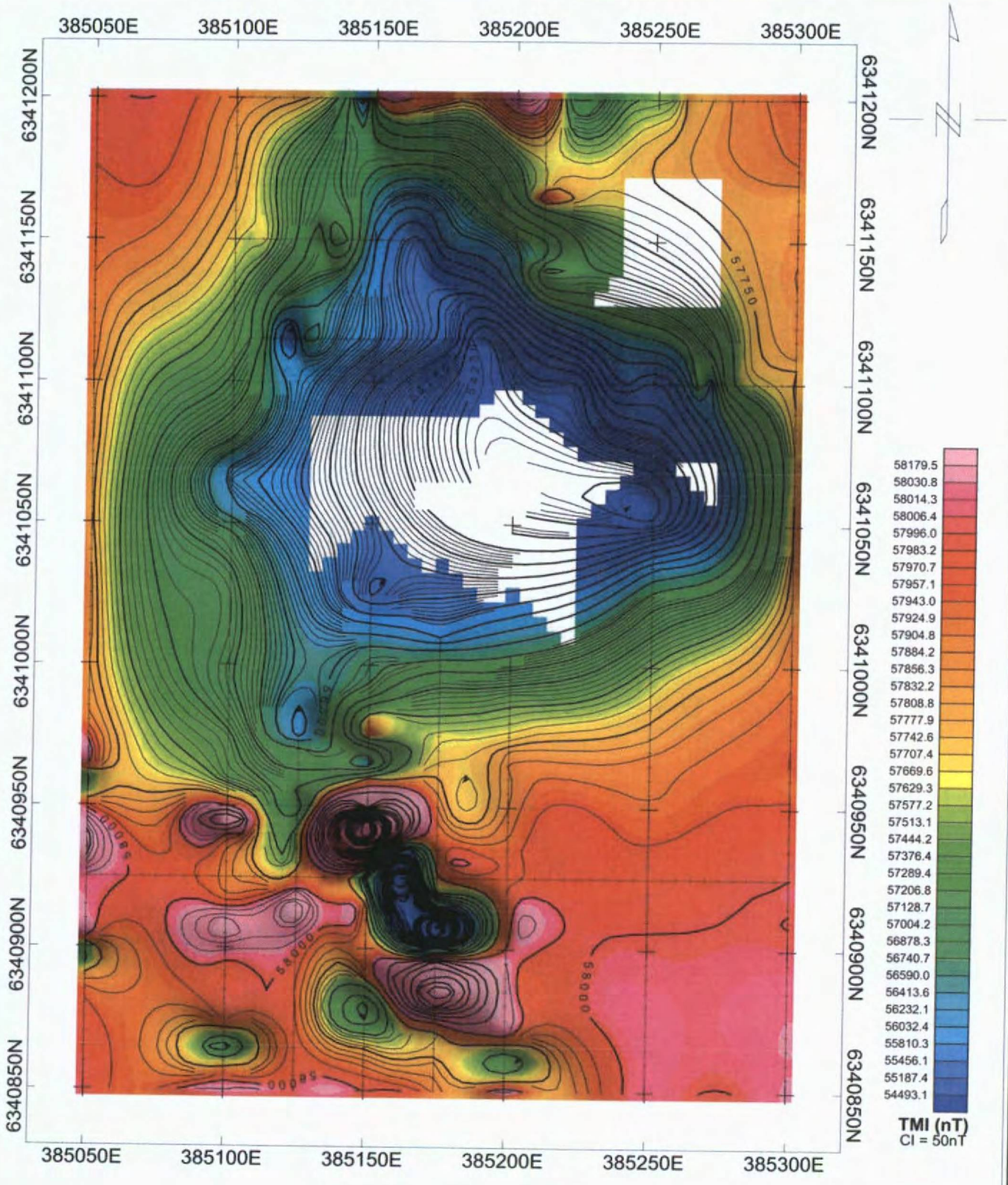
50 0 50

metres

GRIZZLY DIAMONDS LTD.

Total Field Ground Magnetics
Legend Camp West Target - Legend Property
Grid = UTM, North American Datum 1927, Zone 12

Edmonton, Alberta APEX Geoscience Ltd. November, 2006



Scale 1:2000

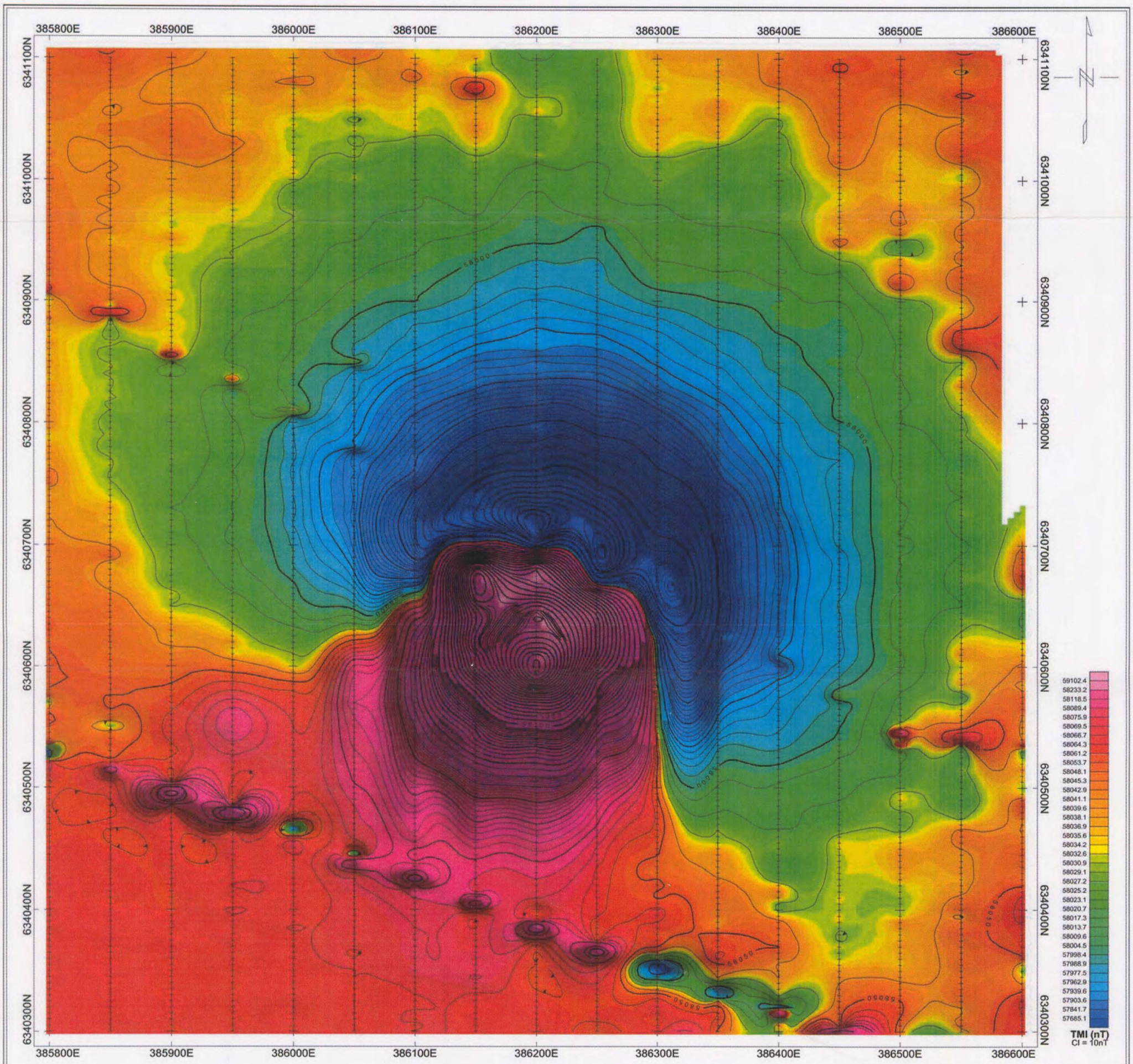
25 0 25

metres

GRIZZLY DIAMONDS LTD.

Total Field Ground Magnetics
Legend Camp Target - Legend Property
Grid = UTM, North American Datum 1927, Zone 12

Edmonton, Alberta APEX Geoscience Ltd. March 21, 2006



GRIZZLY DIAMONDS LTD.

Total Field Ground Magnetics
Legend Kimberlite - Legend Property
Grid = UTM, North American Datum 1927, Zone 12

Edmonton, Alberta APEX Geoscience Ltd. July 13, 2006

APPENDIX 2B
GROUND MAGNETIC DATA

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
ARGONAUT											
360050	6355000	58795.2	57995.35	92	122050	360100	6354730	58791.12	57988.98	99	124442
360050	6354995	58799.14	57996.57	93	122354	360100	6354735	58791.42	57989.44	99	124454
360050	6354990	58797.36	57994.98	99	122410	360100	6354740	58791.2	57989.24	99	124506
360050	6354985	58796.22	57994.09	99	122430	360100	6354745	58792.82	57989.99	99	124522
360050	6354980	58797.45	57994.85	99	122442	360100	6354750	58795.26	57991.28	99	124546
360050	6354975	58796.67	57994.16	99	122454	360100	6354755	58797.32	57993.36	99	124602
360050	6354970	58795.99	57994.55	99	122510	360100	6354760	58792.78	57989.93	99	124618
360050	6354965	58795	57994.42	99	122522	360100	6354765	58793.22	57991.3	99	124646
360050	6354960	58795.41	57995.05	99	122538	360100	6354770	58793.3	57992.02	99	124710
360050	6354955	58793.93	57993.78	99	122554	360100	6354775	58793.12	57991.12	99	124738
360050	6354950	58793.21	57992.7	99	122606	360100	6354780	58794.64	57992.31	99	124754
360050	6354945	58794.39	57993.1	99	122618	360100	6354785	58791.7	57989.31	99	124814
360050	6354940	58795.43	57993.19	99	122634	360100	6354790	58792.53	57990.35	99	124834
360050	6354935	58794.49	57992.15	99	122650	360100	6354795	58792.38	57990.61	99	124846
360050	6354930	58793.04	57991.63	99	122702	360100	6354800	58795.66	57993.82	99	124910
360050	6354925	58793.54	57993.2	99	122722	360100	6354805	58799.47	57996.62	99	124934
360050	6354920	58791.54	57991.74	99	122742	360100	6354810	58800.65	57997.39	99	124950
360050	6354915	58791.61	57991.56	99	122758	360100	6354815	58800.08	57997.25	99	125002
360050	6354910	58793.61	57991.62	99	122842	360100	6354820	58797.91	57995.82	99	125022
360050	6354905	58795.36	57992.68	99	122858	360100	6354825	58796.72	57995.18	99	125042
360050	6354900	58794.39	57992.18	99	122926	360100	6354830	58798.92	57996.74	99	125102
360050	6354895	58793.29	57991.54	99	122938	360100	6354835	58802.44	57998.36	99	125254
360050	6354890	58794.29	57992.07	99	122950	360100	6354840	58803.11	57999.27	99	125314
360050	6354885	58793.49	57991.1	99	123002	360100	6354845	58800.6	57997.52	99	125330
360050	6354880	58793.43	57991.43	99	123018	360100	6354850	58796.44	57994.34	99	125358
360050	6354875	58792.71	57991.43	99	123034	360100	6354855	58796.41	57994.42	99	125410
360050	6354870	58792.5	57990.97	99	123050	360100	6354860	58793.06	57990.85	99	125430
360050	6354865	58793.31	57990.94	99	123106	360100	6354865	58793.25	57990.05	99	125450
360050	6354860	58793.71	57991.34	99	123118	360100	6354870	58793.29	57989.54	99	125506
360050	6354855	58793.21	57990.75	99	123134	360100	6354875	58792.32	57989.35	99	125518
360050	6354850	58794.14	57991.56	99	123150	360100	6354880	58792.57	57990.05	99	125538
360050	6354845	58793.19	57991.2	99	123214	360100	6354885	58791.65	57990.14	99	125554
360050	6354840	58792.98	57991.24	99	123230	360100	6354890	58790.98	57990.15	99	125618
360050	6354835	58793.41	57991.53	99	123242	360100	6354895	58790.54	57989.56	99	125630
360050	6354830	58793.97	57990.31	99	123310	360100	6354900	58791.03	57989.23	99	125646
360050	6354825	58793.17	57990.46	99	123338	360100	6354905	58792.1	57990.42	99	125702
360050	6354820	58793.04	57990.46	99	123410	360100	6354910	58791.24	57989.59	99	125718
360050	6354815	58793.76	57990.65	99	123426	360100	6354915	58791.68	57990.2	99	125734
360050	6354810	58793.87	57990.88	99	123442	360100	6354920	58792.21	57990.39	99	125750
360050	6354805	58794.33	57991.54	99	123458	360100	6354925	58793.56	57991.01	99	125806
360050	6354800	58794.91	57992.36	99	123510	360100	6354930	58794.71	57991.75	99	125818
360050	6354795	58795.29	57992.77	99	123522	360100	6354935	58794.7	57991.54	99	125834
360050	6354790	58794.97	57992.35	99	123538	360100	6354940	58795.52	57991.95	99	125846
360050	6354785	58794.64	57991.58	99	123558	360100	6354945	58796.43	57992.76	99	125906
360050	6354780	58794.61	57991.55	99	123610	360100	6354950	58795.65	57993.29	99	125930
360050	6354775	58794.52	57991.51	99	123622	360100	6354955	58795.28	57993.08	99	125942
360050	6354770	58793.42	57990.51	99	123634	360100	6354960	58796.13	57993.68	99	125958
360050	6354765	58793.63	57990.45	99	123646	360100	6354965	58795.83	57993.72	99	130010
360050	6354760	58794.06	57990.82	99	123658	360100	6354970	58797.63	57993.84	99	130102
360050	6354755	58792.23	57989.23	99	123710	360100	6354975	58798.31	57994.51	99	130126
360050	6354750	58792.25	57990.22	99	123726	360100	6354980	58797.93	57994.73	99	130142
360050	6354745	58792.21	57990.54	99	123734	360100	6354985	58796.43	57994.58	99	130154
360050	6354740	58790.64	57989.47	99	123758	360100	6354990	58794.22	57994.31	99	130218
360050	6354735	58790.39	57990.16	99	123822	360100	6354995	58795.19	57994.51	99	130234
360050	6354730	58789.27	57988.98	99	123834	360100	6355000	58798.94	57995.22	99	130306
360050	6354725	58788.53	57988.21	99	123854	360150	6355000	58795.76	57994.68	99	130526
360050	6354720	58789.05	57988.17	99	123906	360150	6354995	58798.2	57994.99	99	130606
360050	6354715	58789.25	57987.94	99	123926	360150	6354990	58799.35	57995.1	99	130846
360050	6354710	58789.73	57988.6	99	123946	360150	6354985	58798.1	57994.93	99	130902
360050	6354705	58790.27	57989.14	99	124006	360150	6354980	58795.91	57993.59	99	130918
360050	6354700	58793.59	57991.67	99	124050	360150	6354975	58795.05	57993.57	99	130934
360100	6354700	58790	57988.18	99	124314	360150	6354970	58793.23	57992.17	99	130946
360100	6354705	58790.88	57988.49	99	124338	360150	6354965	58792.34	57991.04	99	131010
360100	6354710	58790.44	57987.75	99	124350	360150	6354960	58790.79	57988.48	99	131026
360100	6354715	58790.84	57987.91	99	124402	360150	6354955	58795.39	57992.01	99	131046
360100	6354720	58791.49	57988.35	99	124414	360150	6354950	58793.99	57990.77	99	131114
360100	6354725	58790.76	57988.26	99	124430	360150	6354945	58792.62	57990.42	99	131126

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
360150	6354940	58789.06	57988.23	99	131138	360200	6354795	58794.78	57993.3	99	133414
360150	6354935	58788.48	57988.31	99	131150	360200	6354800	58793.68	57992.06	99	133426
360150	6354930	58788.52	57988.37	99	131206	360200	6354805	58794.12	57992.12	99	133438
360150	6354925	58787.58	57987.28	99	131218	360200	6354810	58795.22	57992.57	99	133454
360150	6354920	58789.84	57987.46	99	131238	360200	6354815	58795.43	57992.9	99	133506
360150	6354915	58790.45	57987.04	99	131254	360200	6354820	58795.31	57993.33	99	133530
360150	6354910	58790.18	57987.81	99	131310	360200	6354825	58797.37	57995.09	99	133550
360150	6354905	58789.25	57987.87	99	131322	360200	6354830	58801.39	57998.69	99	133606
360150	6354900	58788.86	57988.7	99	131338	360200	6354835	58803.58	58000.93	99	133618
360150	6354895	58792.77	57992.3	99	131354	360200	6354840	58810.56	58008.01	99	133630
360150	6354890	58798.94	57996.52	99	131422	360200	6354845	58815.64	58013.17	99	133658
360150	6354885	58805.86	58003.17	99	131438	360200	6354850	58835.26	58032.88	99	133730
360150	6354880	58817.04	58015.1	99	131454	360200	6354855	58847.84	58044.9	99	133746
360150	6354875	58830.61	58029.37	99	131510	360200	6354860	58856.84	58054.13	99	133802
360150	6354870	58839.25	58037.97	99	131522	360200	6354865	58864.65	58062.06	99	133814
360150	6354865	58849.84	58048.2	99	131538	360200	6354870	58868.1	58066.24	99	133842
360150	6354860	58854.72	58052.73	99	131554	360200	6354875	58863.9	58061.41	99	133910
360150	6354855	58851.58	58049.02	99	131610	360200	6354880	58859.93	58057.97	99	133926
360150	6354850	58843.9	58041.7	99	131634	360200	6354885	58851.1	58048.93	99	133938
360150	6354845	58837.22	58035.45	99	131646	360200	6354890	58844.99	58042.9	99	133954
360150	6354840	58834.52	58032.85	99	131714	360200	6354895	58833.31	58030.85	99	134006
360150	6354835	58829.81	58027.45	99	131734	360200	6354900	58821.14	58018.73	99	134022
360150	6354830	58827.45	58024.48	99	131746	360200	6354905	58811.69	58009.57	99	134038
360150	6354825	58827.79	58025.24	99	131810	360200	6354910	58805.91	58004.16	99	134054
360150	6354820	58823.95	58021.36	99	131822	360200	6354915	58800.27	57998.18	99	134106
360150	6354815	58820.04	58017.37	99	131834	360200	6354920	58796.31	57993.65	99	134122
360150	6354810	58814.16	58011.79	99	131854	360200	6354925	58790.74	57988.19	99	134134
360150	6354805	58812.24	58010.16	99	131910	360200	6354930	58789.15	57986.69	99	134142
360150	6354800	58809.16	58007.46	99	131926	360200	6354935	58787.14	57984.58	99	134154
360150	6354795	58805.98	58005.12	99	131938	360200	6354940	58786.23	57983.66	99	134206
360150	6354790	58802.27	58002.26	99	131950	360200	6354945	58787.51	57984.43	99	134222
360150	6354785	58803.51	58002.88	99	132010	360200	6354950	58787.26	57984.35	99	134238
360150	6354780	58804.14	58002.91	99	132022	360200	6354955	58788.94	57985.52	99	134254
360150	6354775	58805.69	58003.47	99	132046	360200	6354960	58792.07	57988.4	99	134350
360150	6354770	58805.06	58002.55	99	132058	360200	6354965	58791.69	57987.86	99	134402
360150	6354765	58803.83	58001.65	99	132110	360200	6354970	58793.68	57989.63	99	134414
360150	6354760	58803.69	58001.71	99	132122	360200	6354975	58793.93	57990.37	99	134434
360150	6354755	58801.26	57999.27	99	132134	360200	6354980	58794.34	57990.32	99	134446
360150	6354750	58797.53	57996.12	99	132202	360200	6354985	58796.98	57992.1	99	134502
360150	6354745	58797.03	57995.25	99	132214	360200	6354990	58797.93	57992.31	99	134518
360150	6354740	58798.21	57996.07	99	132230	360200	6354995	58797.74	57992.23	99	134534
360150	6354735	58796.46	57994.12	99	132246	360200	6355000	58798.4	57993.29	99	134550
360150	6354730	58795.31	57992.49	99	132302	360250	6355000	58797.55	57992.86	99	134950
360150	6354725	58795.22	57992.17	99	132322	360250	6354995	58797.54	57992.83	99	134958
360150	6354720	58793.32	57990.21	99	132338	360250	6354990	58797.83	57992.8	99	135018
360150	6354715	58795.15	57991.17	99	132354	360250	6354985	58798.24	57992.47	99	135046
360150	6354710	58795.87	57991.43	99	132418	360250	6354980	58799.31	57993.66	99	135058
360150	6354705	58796.03	57992.17	99	132442	360250	6354975	58799.89	57994.65	99	135114
360150	6354700	58795.42	57993.44	99	132510	360250	6354970	58801.5	57996.63	99	135126
360200	6354700	58797.51	57994.47	99	132746	360250	6354965	58801.44	57997.41	99	135230
360200	6354705	58796.94	57994.4	99	132758	360250	6354960	58799.06	57994.01	99	135250
360200	6354710	58797.85	57994.64	99	132914	360250	6354955	58798.4	57993.82	99	135302
360200	6354715	58799.39	57996.94	99	132938	360250	6354950	58794.76	57990.59	99	135346
360200	6354720	58800.66	57997.18	99	133034	360250	6354945	58793.93	57989.14	99	135358
360200	6354725	58801.42	57997.36	99	133042	360250	6354940	58793.35	57988.23	99	135410
360200	6354730	58804.02	57999.25	99	133054	360250	6354935	58791.92	57987.24	99	135426
360200	6354735	58802.18	57997.71	99	133106	360250	6354930	58790.11	57985.65	99	135442
360200	6354740	58802.81	57999.37	99	133122	360250	6354925	58790.58	57986.03	99	135454
360200	6354745	58799.75	57997.63	99	133138	360250	6354920	58790.68	57986.41	99	135506
360200	6354750	58797.79	57996.79	99	133206	360250	6354915	58792.34	57987.73	99	135518
360200	6354755	58798.13	57996.54	99	133218	360250	6354910	58794.42	57988.91	99	135538
360200	6354760	58798.04	57995.52	99	133234	360250	6354905	58808.92	58003.01	99	135606
360200	6354765	58798.82	57996.11	99	133250	360250	6354900	58815.06	58009.76	99	135642
360200	6354770	58798.2	57995.79	99	133302	360250	6354895	58819.49	58014.29	99	135658
360200	6354775	58797.12	57995.11	99	133314	360250	6354890	58821.79	58016.68	99	135714
360200	6354780	58796.36	57994.51	99	133326	360250	6354885	58821.32	58016.15	99	135726
360200	6354785	58795.69	57993.74	99	133342	360250	6354880	58819.66	58014.54	99	135742
360200	6354790	58795.13	57993.26	99	133354	360250	6354875	58815.4	58010.28	99	135758

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
360250	6354870	58809.63	58004.98	99	135818	360300	6354865	58796.92	57991.57	99	141846
360250	6354865	58804.57	57999.94	99	135834	360300	6354870	58798.24	57992.92	99	141858
360250	6354860	58802.05	57997.44	99	135850	360300	6354875	58797.8	57993.33	99	141914
360250	6354855	58804.86	58000.13	99	135902	360300	6354880	58800.79	57996.24	99	141926
360250	6354850	58804.05	57999.33	99	135914	360300	6354885	58805.02	57999.99	99	141938
360250	6354845	58800.94	57996.37	99	135922	360300	6354890	58809.06	58003.89	99	141950
360250	6354840	58799.33	57994.97	99	135934	360300	6354895	58812.7	58007.17	99	142010
360250	6354835	58797.88	57993.74	99	135946	360300	6354900	58816.75	58011.21	99	142038
360250	6354830	58794.61	57990.16	99	140002	360300	6354905	58818.62	58013.24	99	142054
360250	6354825	58794.6	57990.17	99	140014	360300	6354910	58818.27	58012.43	99	142110
360250	6354820	58793.75	57989.33	99	140022	360300	6354915	58817.94	58012.67	99	142126
360250	6354815	58794.75	57990.14	99	140034	360300	6354920	58819.23	58013.6	99	142138
360250	6354810	58794.14	57989.37	99	140050	360300	6354925	58820.01	58014.79	99	142210
360250	6354805	58794.09	57989.64	99	140106	360300	6354930	58818.13	58012.93	99	142222
360250	6354800	58798.09	57993.65	99	140130	360300	6354935	58816.29	58010.74	99	142238
360250	6354795	58796.16	57990.99	99	140150	360300	6354940	58813.78	58007.57	99	142250
360250	6354790	58795.63	57990.64	99	140202	360300	6354945	58813.47	58006.66	99	142310
360250	6354785	58795.31	57990.33	99	140214	360300	6354950	58813.16	58006.26	99	142326
360250	6354780	58796.04	57991.04	99	140226	360300	6354955	58810.25	58003.41	99	142338
360250	6354775	58795.98	57991.26	99	140242	360300	6354960	58808.21	58002.81	99	142414
360250	6354770	58796.75	57991.66	99	140254	360300	6354965	58807.53	58002.46	99	142426
360250	6354765	58796.97	57991.67	99	140306	360300	6354970	58806.35	58001	99	142442
360250	6354760	58796.92	57991.51	99	140318	360300	6354975	58806.59	58001.17	99	142454
360250	6354755	58797.97	57992.37	99	140330	360300	6354980	58802.67	57997.58	99	142510
360250	6354750	58797.07	57991.41	99	140358	360300	6354985	58802.09	57997.21	99	142526
360250	6354745	58798.05	57992.63	99	140410	360300	6354990	58802.4	57997.49	99	142542
360250	6354740	58796.66	57991.15	99	140426	360300	6354995	58802.62	57997.59	99	142554
360250	6354735	58796.37	57991.04	99	140438	360300	6355000	58804.76	57999.37	99	142606
360250	6354730	58799.9	57994.01	99	140458	360300	6354850	58797.59	57991.28	99	145210
360250	6354725	58801.84	57996.15	99	140530	360295	6354850	58798.14	57991.72	99	145234
360250	6354720	58802.4	57997.14	99	140542	360290	6354850	58799.5	57993.11	99	145246
360250	6354715	58802.45	57997.59	99	140554	360285	6354850	58799.17	57992.84	99	145302
360250	6354710	58801.43	57996.39	99	140610	360280	6354850	58799.79	57993.49	99	145314
360250	6354705	58798.97	57993.91	99	140626	360275	6354850	58800.57	57994.38	99	145326
360250	6354700	58797.29	57992.4	99	140646	360270	6354850	58803.39	57997.19	99	145338
360300	6354700	58798.39	57992.44	99	140842	360265	6354850	58805.93	57999.72	99	145350
360300	6354705	58798.79	57992.62	99	140850	360260	6354850	58805.7	57999.48	99	145406
360300	6354710	58801.93	57996.8	99	140918	360255	6354850	58806.58	58000.27	99	145422
360300	6354715	58801.66	57995.88	99	140930	360250	6354850	58805.74	57999.57	99	145502
360300	6354720	58800.9	57994.58	99	140946	360245	6354850	58803.44	57997.12	99	145526
360300	6354725	58800.65	57993.66	99	141022	360240	6354850	58802.96	57996.65	99	145542
360300	6354730	58799.43	57992.81	99	141034	360235	6354850	58802.28	57996.03	99	145554
360300	6354735	58798.36	57992.05	99	141050	360230	6354850	58800.69	57994.42	99	145606
360300	6354740	58798.24	57992.05	99	141126	360225	6354850	58800.83	57994.5	99	145618
360300	6354745	58799.09	57993.09	99	141142	360220	6354850	58804.51	57998.25	99	145638
360300	6354750	58800.45	57994.34	99	141154	360215	6354850	58806.87	58000.69	99	145650
360300	6354755	58799.42	57993.03	99	141210	360210	6354850	58812.98	58006.74	99	145706
360300	6354760	58798.16	57991.69	99	141230	360205	6354850	58818.88	58012.65	99	145718
360300	6354765	58799.99	57993.49	99	141246	360200	6354850	58827.85	58021.68	99	145734
360300	6354770	58798.34	57991.89	99	141258	360195	6354850	58850.66	58044.31	99	145806
360300	6354775	58799.54	57993.59	99	141314	360190	6354850	58857.75	58051.48	99	145818
360300	6354780	58799.82	57994.27	99	141330	360185	6354850	58856.55	58050.23	99	145830
360300	6354785	58804.15	57998.16	99	141350	360180	6354850	58858.97	58052.56	99	145846
360300	6354790	58805.07	57998.99	99	141406	360175	6354850	58858.86	58052.45	99	145858
360300	6354795	58799.6	57993.71	99	141422	360170	6354850	58856.11	58049.7	99	145910
360300	6354800	58798.13	57992.34	99	141446	360165	6354850	58856.23	58049.78	99	145930
360300	6354805	58797.74	57991.99	99	141502	360160	6354850	58857.41	58050.85	99	145942
360300	6354810	58798.39	57993.06	99	141522	360155	6354850	58855.34	58048.81	99	145954
360300	6354815	58800.8	57995.49	99	141538	360150	6354850	58851.23	58044.54	99	150038
360300	6354820	58799.53	57994.14	99	141554	360145	6354850	58842.79	58035.92	99	150054
360300	6354825	58799.63	57993.89	99	141614	360140	6354850	58838.57	58031.52	99	150130
360300	6354830	58802.08	57995.3	99	141638	360135	6354850	58835.08	58027.97	99	150146
360300	6354835	58799.35	57992.71	99	141650	360130	6354850	58827.66	58020.42	99	150158
360300	6354840	58795.83	57990.92	99	141718	360125	6354850	58822.51	58015.18	99	150218
360300	6354845	58795.74	57990.85	99	141738	360120	6354850	58817.13	58009.85	99	150234
360300	6354850	58797.28	57992.55	99	141754	360115	6354850	58812.23	58004.95	99	150250
360300	6354855	58796.96	57991.83	99	141810	360110	6354850	58806.98	57999.75	99	150302
360300	6354860	58798.28	57992.37	99	141830	360105	6354850	58802.79	57995.47	99	150326

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
360100	6354850	58800.32	57993.06	99	150342	365950	6356400	58775.14	57976.39	99	110619.8
360095	6354850	58801.64	57994.35	99	150354	365950	6356405	58778.97	57977.63	99	110641
360090	6354850	58799.41	57992.19	99	150410	365950	6356410	58780.2	57977.14	99	110650.4
360085	6354850	58798.93	57991.72	99	150422	365950	6356415	58780.23	57977.81	99	110709.4
360080	6354850	58799.16	57992.05	99	150438	365950	6356420	58778.96	57977.91	99	110723
360075	6354850	58799.18	57992.01	99	150454	365950	6356425	58779.58	57979.48	99	110733.2
360070	6354850	58799	57992	99	150506	365950	6356430	58781.42	57979.06	99	110743.4
360065	6354850	58798.45	57991.38	99	150518	365950	6356435	58779.29	57978.23	99	110803.3
360060	6354850	58798.43	57991.26	99	150530	365950	6356440	58779.94	57978.38	99	110815.5
360055	6354850	58798.19	57991.06	99	150546	365950	6356445	58781.55	57979.69	99	110841.5
360050	6354850	58798.29	57991.08	99	150606	365950	6356450	58783.71	57981.78	99	110854
360045	6354850	58798.43	57991.18	99	150630	366000	6356450	58781.29	57980.34	99	111146.6
LAMMASU						366000	6356445	58780.97	57980.11	99	111156.9
365950	6356125	58766.6	57975.14	99	105215.3	366000	6356440	58778.49	57981.58	99	111214.2
365950	6356130	58768.7	57978.3	99	105239	366000	6356435	58775.76	57979.39	99	111229.1
365950	6356135	58772.23	57979.87	99	105249.5	366000	6356430	58777.66	57980.3	99	111240.9
365950	6356140	58772.72	57980.69	99	105259.4	366000	6356425	58782.55	57982.2	99	111254.7
365950	6356145	58774.51	57982.69	99	105309.6	366000	6356420	58794.22	57984.37	99	111334.3
365950	6356150	58775.73	57982.98	99	105324.3	366000	6356415	58794.23	57985.39	99	111348.4
365950	6356155	58778.65	57984.65	99	105343.2	366000	6356410	58792.64	57984.32	99	111358.5
365950	6356160	58779.76	57984.75	99	105354.7	366000	6356405	58788.77	57980.65	99	111412.8
365950	6356165	58779.78	57985.7	99	105409.8	366000	6356400	58787.94	57980.38	99	111424.6
365950	6356170	58781.47	57986.38	99	105422.5	366000	6356395	58787.6	57980.33	99	111438.3
365950	6356175	58782.78	57986.66	99	105433.3	366000	6356390	58788.98	57980.84	99	111450.5
365950	6356180	58781.04	57984.83	99	105442.8	366000	6356385	58789.16	57979.36	99	111502.1
365950	6356185	58779.13	57983.51	99	105452.6	366000	6356380	58789.47	57979.47	99	111514.6
365950	6356190	58776.33	57981.73	99	105508.9	366000	6356375	58787.07	57976.94	99	111524.2
365950	6356195	58777	57980.96	99	105559.9	366000	6356370	58786.25	57976.17	99	111534.3
365950	6356200	58775.01	57979.11	99	105609.9	366000	6356365	58784.75	57975.24	99	111543.4
365950	6356205	58773.16	57977.76	99	105619.3	366000	6356360	58785.46	57976.03	99	111553.2
365950	6356210	58772.24	57977.64	99	105630.7	366000	6356355	58785.09	57975.57	99	111602.1
365950	6356215	58769.12	57975.7	99	105647.7	366000	6356350	58784.49	57975.1	99	111613
365950	6356220	58768.57	57977.2	99	105703.9	366000	6356345	58782.8	57973.95	99	111623.1
365950	6356225	58767.92	57976.69	99	105714.9	366000	6356340	58782.71	57974.73	99	111641.4
365950	6356230	58767.19	57975.61	99	105725.6	366000	6356335	58780.9	57973.42	99	111654.5
365950	6356235	58766.06	57975.09	99	105736.4	366000	6356330	58779.54	57973.15	99	111705
365950	6356240	58766.29	57976.17	99	105749	366000	6356325	58778.48	57972.85	99	111714.9
365950	6356245	58765.1	57974.98	99	105800.2	366000	6356320	58777.79	57972.79	99	111726.6
365950	6356250	58765.22	57975.2	99	105811.7	366000	6356315	58775.73	57971.53	99	111742.1
365950	6356255	58765.51	57975.07	99	105832.6	366000	6356310	58774.51	57970.75	99	111756
365950	6356260	58766.31	57975.32	99	105845.1	366000	6356305	58775.4	57971.36	99	111806.4
365950	6356265	58765.08	57972.93	99	105858.1	366000	6356300	58776.04	57971.53	99	111817.9
365950	6356270	58763.2	57971.17	99	105912.6	366000	6356295	58775.78	57970.71	99	111832.9
365950	6356275	58764.53	57972.59	99	105925.7	366000	6356290	58775.82	57970.12	99	111844.8
365950	6356280	58764.89	57972.7	99	105941.9	366000	6356285	58775.49	57969.36	99	111858.1
365950	6356285	58763.48	57971.35	99	105957.4	366000	6356280	58775.56	57970.01	99	111916.5
365950	6356290	58768.51	57974.8	99	110017.8	366000	6356275	58774.89	57965.06	99	111926.6
365950	6356295	58766.96	57973.58	99	110043.7	366000	6356270	58774.68	57970.42	99	111944.7
365950	6356300	58767.51	57973.13	99	110106.8	366000	6356265	58779.37	57975.26	99	111956.1
365950	6356305	58772.38	57974.67	99	110139.5	366000	6356260	58783.35	57979.49	99	112007
365950	6356310	58774.04	57974.4	99	110205.2	366000	6356255	58785.01	57982.88	99	112044.9
365950	6356315	58773.43	57974.28	99	110226.7	366000	6356250	58787.67	57986.2	99	112055.7
365950	6356320	58772.62	57974.54	99	110238.6	366000	6356245	58788.7	57987.18	99	112109.5
365950	6356325	58772.28	57974.23	99	110254.4	366000	6356240	58791.66	57989.24	99	112122.2
365950	6356330	58771.32	57972.28	99	110306.9	366000	6356235	58795.1	57991.98	99	112135.6
365950	6356335	58775.05	57976.29	99	110335.8	366000	6356230	58796.67	57994.74	99	112150.7
365950	6356340	58775	57975.99	99	110348.1	366000	6356225	58799.39	57998.2	99	112202.2
365950	6356345	58775.2	57975.37	99	110358.1	366000	6356220	58799.07	57999.08	99	112214.7
365950	6356350	58775.49	57977.14	99	110409.9	366000	6356215	58800.55	58001.64	99	112227.1
365950	6356355	58780.16	57978.37	99	110421.4	366000	6356210	58800.32	58001.96	99	112239.2
365950	6356360	58781.02	57980.64	99	110435.2	366000	6356205	58801.25	58002.98	99	112256.2
365950	6356365	58780.87	57981.11	99	110445.8	366000	6356200	58804.24	58005.82	99	112306.1
365950	6356370	58782.01	57979.68	99	110459.9	366000	6356195	58807.06	58008.43	99	112321.3
365950	6356375	58780.42	57978.42	99	110510.4	366000	6356190	58808.39	58009.85	99	112335.3
365950	6356380	58778.56	57978.84	99	110520.6	366000	6356185	58807.97	58009.91	99	112354.6
365950	6356385	58779.52	57979.1	99	110530.9	366000	6356180	58807.06	58008.78	99	112416.1
365950	6356390	58779.48	57976.78	99	110541.8	366000	6356175	58809.02	58010.4	99	112443.7
365950	6356395	58774.62	57977.47	99	110604.7	366000	6356170	58808.42	58009.85	99	112502.9

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
366000	6356165	58806.7	58008.34	99	112515.4	366050	6356420	58780.75	57983.74	99	114318.3
366000	6356160	58804.59	58006.46	99	112528.9	366050	6356425	58782.02	57984.36	99	114330.9
366000	6356155	58804.3	58006.7	99	112550.9	366050	6356430	58782.88	57984.59	99	114348
366000	6356150	58801.88	58004.26	99	112606.2	366050	6356435	58777.24	57978.6	99	114403.9
366000	6356145	58801.33	58003.59	99	112615.4	366050	6356440	58778.15	57979.05	99	114420.1
366000	6356140	58798.27	58000.76	99	112626.6	366050	6356445	58781.38	57979.22	99	114544.3
366000	6356135	58797.63	58000.22	99	112638.9	366050	6356450	58783.58	57980.78	99	114611.3
366000	6356130	58795.8	57998.35	99	112649.8	366100	6356450	58793.41	57988.77	99	114924.2
366000	6356125	58792.52	57995.31	99	112659.6	366100	6356445	58792.5	57987.91	99	114939.6
366050	6356125	58802.45	58003.57	99	113119.2	366100	6356440	58783.83	57979.69	99	114955.6
366050	6356130	58803.69	58005.68	99	113131.6	366100	6356435	58783.06	57979.72	99	115012.5
366050	6356135	58807.16	58009.99	99	113140.3	366100	6356430	58783.01	57980.89	99	115028.2
366050	6356140	58808.86	58012.9	99	113150.2	366100	6356425	58784.9	57983.57	99	115041.6
366050	6356145	58808.56	58013.44	99	113200.4	366100	6356420	58784.41	57982.94	99	115140.2
366050	6356150	58812.04	58017.19	99	113209.6	366100	6356415	58784.07	57981.34	99	115230.9
366050	6356155	58816.31	58021.34	99	113217.6	366100	6356410	58780.33	57977.78	99	115254.6
366050	6356160	58821.37	58026.2	99	113226.2	366100	6356405	58780.28	57978.67	99	115312.3
366050	6356165	58822.56	58027.71	99	113235.5	366100	6356400	58778.3	57975.42	99	115344.9
366050	6356170	58825.01	58030.32	99	113301.4	366100	6356395	58778.56	57975.64	99	115354.9
366050	6356175	58825.68	58031.21	99	113312.3	366100	6356390	58778.13	57975.85	99	115407.9
366050	6356180	58825.71	58031.4	99	113324.6	366100	6356385	58782.01	57980.38	99	115418.7
366050	6356185	58824.94	58030.75	99	113338.3	366100	6356380	58782.94	57981.57	99	115430.6
366050	6356190	58824.23	58030.44	99	113350.4	366100	6356375	58784.76	57983.48	99	115443.9
366050	6356195	58825.01	58030.73	99	113407.9	366100	6356370	58786.82	57985.38	99	115452.9
366050	6356200	58822.23	58027.13	99	113422.6	366100	6356365	58782.26	57981.65	99	115503.2
366050	6356205	58820.17	58024.37	99	113432.1	366100	6356360	58780.62	57981.18	99	115514.7
366050	6356210	58817.52	58021.12	99	113442.1	366100	6356355	58780.74	57981.3	99	115526.7
366050	6356215	58814.17	58018.02	99	113453.4	366100	6356350	58780.54	57980.81	99	115541.8
366050	6356220	58809.21	58013.44	99	113505.9	366100	6356345	58781.58	57982.25	99	115549.8
366050	6356225	58806.45	58010.33	99	113516.8	366100	6356340	58783.31	57984.82	99	115559.9
366050	6356230	58802.94	58006.24	99	113530.4	366100	6356335	58785.63	57987.14	99	115614.8
366050	6356235	58798.13	58001.31	99	113540.4	366100	6356330	58789.33	57991.55	99	115629.7
366050	6356240	58793.27	57995.81	99	113559.2	366100	6356325	58792.42	57993.54	99	115643.4
366050	6356245	58788.86	57991.11	99	113608.8	366100	6356320	58792.36	57993.89	99	115655.5
366050	6356250	58784.84	57987.18	99	113619.2	366100	6356315	58794.39	57995.46	99	115709.5
366050	6356255	58780.53	57983.06	99	113628.7	366100	6356310	58794.69	57994.64	99	115724
366050	6356260	58774.83	57977.8	99	113642	366100	6356305	58794.43	57993.19	99	115736.1
366050	6356265	58771.34	57974.12	99	113653.3	366100	6356300	58790.19	57988.63	99	115746
366050	6356270	58768.02	57971.32	99	113703.1	366100	6356295	58790.73	57987.86	99	115804.3
366050	6356275	58767.37	57970.78	99	113712.8	366100	6356290	58787.37	57984.43	99	115816.6
366050	6356280	58766.4	57970.58	99	113724.6	366100	6356285	58785.69	57982.84	99	115828
366050	6356285	58764.78	57969.85	99	113738.1	366100	6356280	58782.13	57979.55	99	115857.8
366050	6356290	58763.81	57969.64	99	113752.2	366100	6356275	58782.19	57979.88	99	115907.6
366050	6356295	58763.4	57969.75	99	113809.9	366100	6356270	58783.36	57981.74	99	115929.2
366050	6356300	58764.47	57970.68	99	113819.6	366100	6356265	58788.49	57986.44	99	115939.7
366050	6356305	58763.26	57969.95	99	113828.9	366100	6356260	58790.81	57988.74	99	115947.8
366050	6356310	58764.1	57970.92	99	113838.2	366100	6356255	58790.3	57988.36	99	115959.3
366050	6356315	58764.47	57971.41	99	113846.8	366100	6356250	58793.41	57991.44	99	120009.1
366050	6356320	58764.12	57970.71	99	113857.7	366100	6356245	58797.27	57995.7	99	120018.2
366050	6356325	58766.52	57972.69	99	113926.2	366100	6356240	58801.42	58000.14	99	120027.3
366050	6356330	58767.64	57973.67	99	113937.2	366100	6356235	58806.15	58004.34	99	120036.5
366050	6356335	58767.65	57972.64	99	113948.6	366100	6356230	58812.24	58010.65	99	120044.7
366050	6356340	58769.12	57972.72	99	114020.1	366100	6356225	58815.73	58013.7	99	120053.9
366050	6356345	58769.51	57972.72	99	114029.6	366100	6356220	58820.29	58017.5	99	120102.4
366050	6356350	58769.24	57973.08	99	114037.3	366100	6356215	58825.21	58022.51	99	120111.5
366050	6356355	58770.07	57973.72	99	114046.8	366100	6356210	58828.4	58025.87	99	120120.7
366050	6356360	58771.49	57974.77	99	114101.6	366100	6356205	58829.17	58025.97	99	120129.9
366050	6356365	58771.6	57975.2	99	114111.9	366100	6356200	58831.9	58027.91	99	120142.1
366050	6356370	58771.34	57975.04	99	114125.4	366100	6356195	58833.31	58029.03	99	120156.7
366050	6356375	58775.42	57978.69	99	114142.8	366100	6356190	58832.55	58028.32	99	120207.4
366050	6356380	58775.24	57978.78	99	114152.4	366100	6356185	58832.12	58028.2	99	120217.7
366050	6356385	58772.62	57977.13	99	114204.2	366100	6356180	58829.73	58025.92	99	120229.3
366050	6356390	58773.35	57978.14	99	114213.5	366100	6356175	58830.71	58026.5	99	120242.8
366050	6356395	58772.9	57977.32	99	114222.5	366100	6356170	58826.27	58022.45	99	120255.9
366050	6356400	58773.13	57977.64	99	114231.9	366100	6356165	58823.49	58019.5	99	120306.9
366050	6356405	58777.59	57981.68	99	114242	366100	6356160	58822.84	58018.4	99	120315.6
366050	6356410	58777.49	57980.88	99	114251.9	366100	6356155	58819.64	58015.22	99	120340.8
366050	6356415	58779.93	57983.31	99	114303.3	366100	6356150	58816.31	58011.82	99	120351

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
366150	6356150	58813.98	58012.28	99	120658	366200	6356415	58787.92	57985.18	99	122857
366150	6356155	58814.84	58013.16	99	120711.5	366200	6356410	58786.28	57983.59	99	122909.1
366150	6356160	58815.22	58013.58	99	120723	366200	6356405	58778.53	57976.01	99	122918
366150	6356165	58817.56	58015.11	99	120748.9	366200	6356400	58778.26	57975.98	99	122929.1
366150	6356170	58818.45	58016.3	99	120756.6	366200	6356395	58776.23	57974.07	99	122943
366150	6356175	58817.53	58015.32	99	120805.3	366200	6356390	58777.52	57975.58	99	123000.8
366150	6356180	58821.07	58018.8	99	120815	366200	6356385	58776.65	57974.95	99	123011.5
366150	6356185	58823.84	58021.21	99	120828.6	366200	6356380	58772.87	57971.46	99	123026.6
366150	6356190	58826.19	58023.13	99	120839.7	366200	6356375	58771.74	57970.55	99	123040.6
366150	6356195	58826.17	58022.81	99	120848.8	366200	6356370	58772.92	57971.89	99	123050.1
366150	6356200	58828.04	58024.76	99	120944.3	366200	6356365	58771.87	57971.08	99	123059
366150	6356205	58826.39	58022.92	99	120959.9	366200	6356360	58775.81	57974.98	99	123108.5
366150	6356210	58832.2	58028.94	99	121012.2	366200	6356355	58780.35	57979.58	99	123120.9
366150	6356215	58831.51	58028.31	99	121022.7	366200	6356350	58785.42	57984.69	99	123130.2
366150	6356220	58831.97	58029.1	99	121113	366200	6356345	58791.18	57990.33	99	123140.1
366150	6356225	58833.3	58030.15	99	121127.3	366200	6356340	58799.12	57998	99	123150.6
366150	6356230	58832.01	58028.82	99	121140.1	366200	6356335	58807.1	58005.59	99	123201.6
366150	6356235	58831.2	58028.15	99	121149.8	366200	6356330	58811.76	58010.03	99	123218.1
366150	6356240	58829.43	58026.77	99	121200.6	366200	6356325	58817.25	58015.15	99	123233.6
366150	6356245	58827.72	58025.37	99	121229.8	366200	6356320	58816.84	58014.56	99	123247.7
366150	6356250	58826.19	58024.18	99	121243.5	366200	6356315	58818.66	58016.26	99	123304.4
366150	6356255	58822.86	58021.03	99	121253.9	366200	6356310	58829.05	58026.44	99	123345
366150	6356260	58822.78	58021.22	99	121304.9	366200	6356305	58834.03	58031.31	99	123353.7
366150	6356265	58824.18	58022.74	99	121316.3	366200	6356300	58837.31	58034.44	99	123405
366150	6356270	58823.9	58021.66	99	121340.9	366200	6356295	58842.98	58039.92	99	123419.8
366150	6356275	58822.22	58019.7	99	121355.2	366200	6356290	58844.29	58041.17	99	123434.9
366150	6356280	58824.51	58021.57	99	121415.5	366200	6356285	58844.17	58041.04	99	123448.1
366150	6356285	58824.62	58021.88	99	121425.7	366200	6356280	58841.35	58038.27	99	123501.5
366150	6356290	58826.18	58022.38	99	121445.2	366200	6356275	58838.36	58035.48	99	123519.5
366150	6356295	58827.49	58022.41	99	121500.2	366200	6356270	58837.85	58035.06	99	123535
366150	6356300	58826.82	58021.2	99	121511.4	366200	6356265	58837.03	58034.1	99	123545.7
366150	6356305	58824.15	58018.26	99	121526.7	366200	6356260	58835.94	58032.86	99	123556.9
366150	6356310	58821.03	58014.65	99	121542.6	366200	6356255	58835.67	58031.88	99	123643.3
366150	6356315	58816.97	58009.9	99	121604.5	366200	6356250	58833.6	58029.42	99	123701.9
366150	6356320	58815.4	58008.13	99	121623.5	366200	6356245	58831.05	58026.57	99	123714.7
366150	6356325	58813.38	58005.21	99	121700.1	366200	6356240	58828.27	58023.57	99	123725.1
366150	6356330	58810.64	58002.41	99	121719.6	366200	6356235	58824.79	58019.68	99	123736.4
366150	6356335	58807.49	57999.7	99	121733.7	366200	6356230	58821.24	58015.91	99	123748.9
366150	6356340	58801.25	57993.72	99	121745.7	366200	6356225	58816.72	58011.22	99	123759.8
366150	6356345	58797.86	57990.15	99	121755.9	366200	6356220	58813.74	58007.93	99	123810
366150	6356350	58793.9	57986.25	99	121806.1	366200	6356215	58811.53	58005.43	99	123819.3
366150	6356355	58788.64	57981.23	99	121821.7	366200	6356210	58809.04	58002.81	99	123829.9
366150	6356360	58782.52	57975.4	99	121834.5	366200	6356205	58804.55	57998.38	99	123846.1
366150	6356365	58777.6	57970.76	99	121845.8	366200	6356200	58803.19	57996.85	99	123855.8
366150	6356370	58775.29	57968.9	99	121856.4	366200	6356195	58801.69	57995.36	99	123909.3
366150	6356375	58775.95	57969.66	99	121911.7	366200	6356190	58801.13	57995.01	99	123925.2
366150	6356380	58779.35	57973.23	99	121924.8	366200	6356185	58799.98	57994.3	99	123942.4
366150	6356385	58781.89	57975.66	99	121939.1	366200	6356180	58797.26	57992.82	99	124031.6
366150	6356390	58774.51	57968.19	99	121952.1	366200	6356175	58794.45	57990.37	99	124048.3
366150	6356395	58775.99	57969.54	99	122002.7	366200	6356170	58795.63	57991.79	99	124114
366150	6356400	58778.47	57971.98	99	122017.9	366200	6356165	58794.85	57990.95	99	124131
366150	6356405	58780.04	57973.27	99	122029.3	366200	6356160	58796.72	57992.73	99	124142.3
366150	6356410	58787.49	57980.68	99	122041.7	366200	6356155	58795.36	57991.11	99	124152.9
366150	6356415	58794.09	57987.7	99	122052.3	366200	6356150	58795.53	57991.11	99	124201.5
366150	6356420	58794.71	57988.26	99	122107.5	366250	6356150	58787.54	57980.03	99	124600.1
366150	6356425	58785.05	57978.69	99	122120.5	366250	6356155	58788.94	57981.52	99	124610.1
366150	6356430	58782.58	57975.99	99	122133.3	366250	6356160	58789.49	57982.27	99	124620.9
366150	6356435	58791.18	57984.35	99	122147.5	366250	6356165	58792.49	57985.38	99	124633.7
366150	6356440	58801.85	57994.9	99	122202.6	366250	6356170	58793.6	57986.57	99	124649.4
366150	6356445	58799.64	57992.1	99	122215.7	366250	6356175	58793.88	57986.9	99	124658.5
366150	6356450	58798.36	57990.87	99	122244.4	366250	6356180	58794.14	57987.24	99	124710.2
366200	6356450	58803.34	58001.07	99	122700.8	366250	6356185	58793.48	57986.76	99	124718.9
366200	6356445	58797.5	57995.23	99	122714.5	366250	6356190	58793.11	57986.43	99	124727.8
366200	6356440	58798.32	57996.02	99	122726.4	366250	6356195	58795.55	57988.4	99	124825
366200	6356435	58794.53	57992.33	99	122744.8	366250	6356200	58795.49	57988	99	124836.3
366200	6356430	58787.79	57985.62	99	122758.6	366250	6356205	58798.34	57990.58	99	124849.9
366200	6356425	58785.3	57982.83	99	122818.8	366250	6356210	58801.49	57993.6	99	124906.1
366200	6356420	58786.11	57983.33	99	122845.9	366250	6356215	58800.06	57992.32	99	124921.3

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
366250	6356220	58800.45	57992.72	99	124939.7	384750	6341085	58798.08	58065.84	99	91620
366250	6356225	58802.02	57994.3	99	125009.9	384750	6341080	58797.89	58065.74	99	91629
366250	6356230	58801.96	57994.15	99	125026.4	384750	6341075	58795.69	58066.34	99	91644
366250	6356235	58803.76	57995.93	99	125042.5	384750	6341070	58794.93	58065.87	99	91653
366250	6356240	58807.28	57999.5	99	125053.5	384750	6341065	58795.55	58065.7	99	91705
366250	6356245	58811.85	58004.08	99	125108.2	384750	6341060	58794.34	58066.18	99	91717
366250	6356250	58811.82	58003.63	99	125148.9	384750	6341055	58793.43	58068.19	99	91726
366250	6356255	58814.56	58006.21	99	125200.4	384750	6341050	58793.9	58068.13	99	91741
366250	6356260	58815.09	58006.77	99	125212.2	384750	6341045	58794.36	58065.71	99	91808
366250	6356265	58816.26	58007.98	99	125224.9	384750	6341040	58797.37	58070.47	99	91820
366250	6356270	58818.48	58010.14	99	125243.2	384750	6341035	58798.99	58073.68	99	91838
366250	6356275	58818.98	58010.41	99	125255.6	384750	6341030	58800.57	58073.14	99	91850
366250	6356280	58817.61	58008.73	99	125310.5	384750	6341025	58801.05	58070.75	99	91914
366250	6356285	58818.05	58008.85	99	125321.2	384750	6341020	58806.44	58070.45	99	91950
366250	6356290	58817.4	58007.9	99	125334.6	384750	6341015	58805.81	58071.72	99	92011
366250	6356295	58815.06	58005.28	99	125354.7	384750	6341010	58806.72	58071.7	99	92029
366250	6356300	58817	58006.96	99	125405.3	384750	6341005	58804.68	58070.87	99	92041
366250	6356305	58811.97	58001.86	99	125427.6	384750	6341000	58804.57	58071.93	99	92050
366250	6356310	58809.1	57998.99	99	125440.7	384750	6340995	58805.02	58072.03	99	92108
366250	6356315	58805.44	57995.34	99	125452.6	384750	6340990	58807.63	58073.52	99	92202
366250	6356320	58801.88	57991.59	99	125510.6	384750	6340985	58809.95	58073.59	99	92220
366250	6356325	58797.72	57987.39	99	125521.1	384750	6340980	58810.8	58072.7	99	92238
366250	6356330	58794.71	57984.33	99	125532.3	384750	6340975	58811.46	58070.9	99	92256
366250	6356335	58790.67	57980.27	99	125545.6	384750	6340970	58814.44	58070.08	99	92323
LEGEND CAMP WEST						384750	6340965	58818.83	58070.3	99	92341
384750	6341300	58788.33	58066.43	99	90323	384750	6340960	58819.34	58069	99	92356
384750	6341295	58791.69	58066.72	99	90341	384750	6340955	58818.6	58068.25	99	92411
384750	6341290	58789.23	58063.27	99	90350	384750	6340950	58819.54	58069.4	99	92420
384750	6341285	58792.26	58068.67	99	90402	384750	6340945	58818.52	58071.47	99	92444
384750	6341280	58790.05	58067.11	99	90414	384750	6340940	58818.44	58073.71	99	92459
384750	6341275	58791.02	58068.88	99	90435	384750	6340935	58815.42	58071.81	99	92511
384750	6341270	58789.05	58068.71	99	90453	384750	6340930	58814.89	58071.72	99	92520
384750	6341265	58786.77	58064.85	99	90514	384750	6340925	58815.48	58072.07	99	92532
384750	6341260	58787.62	58064.33	99	90529	384750	6340920	58816.37	58072.22	99	92547
384750	6341255	58788.29	58064.53	99	90541	384750	6340915	58815.93	58071.35	99	92556
384750	6341250	58788.24	58064.82	99	90556	384750	6340910	58816.75	58071.94	99	92605
384750	6341245	58788.86	58066.18	99	90620	384750	6340905	58817.68	58072.83	99	92617
384750	6341240	58791.89	58069.93	99	90641	384750	6340900	58817.83	58073.32	99	92626
384750	6341235	58790.61	58068.27	99	90656	384700	6340900	58827.54	58079.18	99	92826
384750	6341230	58792.02	58069.25	99	90705	384700	6340905	58824.88	58078.51	99	92853
384750	6341225	58791.79	58069.84	99	90726	384700	6340910	58823.71	58078.13	99	92908
384750	6341220	58788.51	58066.47	99	90738	384700	6340915	58823.87	58078.61	99	92920
384750	6341215	58788.91	58068.14	99	90805	384700	6340920	58823.57	58078.43	99	92932
384750	6341210	58789.36	58069.41	99	90820	384700	6340925	58822.01	58077.58	99	92944
384750	6341205	58788.83	58069.57	99	90841	384700	6340930	58822.22	58078.23	99	92959
384750	6341200	58788.15	58064.32	99	90920	384700	6340935	58820.97	58076.92	99	93011
384750	6341195	58789.49	58066.9	99	90935	384700	6340940	58823.57	58079.69	99	93020
384750	6341190	58790.41	58069.8	99	90947	384700	6340945	58823.38	58079.87	99	93029
384750	6341185	58790.27	58069.86	99	90959	384700	6340950	58821.59	58077.02	99	93044
384750	6341180	58790.56	58070.46	99	91011	384700	6340955	58819.98	58075.86	99	93056
384750	6341175	58790.29	58070.2	99	91023	384700	6340960	58820.58	58075.8	99	93111
384750	6341170	58789.36	58068.46	99	91041	384700	6340965	58819.76	58074.4	99	93123
384750	6341165	58793.01	58071.36	99	91059	384700	6340970	58819.51	58074.97	99	93141
384750	6341160	58796.29	58071.77	99	91141	384700	6340975	58819.78	58075.94	99	93156
384750	6341155	58791.27	58070.12	99	91205	384700	6340980	58820.01	58076.61	99	93211
384750	6341150	58792.6	58072.68	99	91226	384700	6340985	58819.5	58076.76	99	93223
384750	6341145	58793.02	58071.12	99	91253	384700	6340990	58819.12	58077.72	99	93238
384750	6341140	58791.3	58069.84	99	91311	384700	6340995	58818.89	58076.9	99	93247
384750	6341135	58792.45	58070.68	99	91332	384700	6341000	58819.6	58077.15	99	93256
384750	6341130	58793.7	58069.87	99	91344	384700	6341005	58817.24	58076.58	99	93314
384750	6341125	58793.39	58067.02	99	91405	384700	6341010	58817.52	58077.05	99	93323
384750	6341120	58795.8	58067.31	99	91438	384700	6341015	58817.3	58076.42	99	93335
384750	6341115	58797.14	58069.04	99	91447	384700	6341020	58819.47	58077.92	99	93344
384750	6341110	58797.61	58071.41	99	91502	384700	6341025	58817.89	58076.29	99	93353
384750	6341105	58797.17	58070.5	99	91514	384700	6341030	58816.28	58075.54	99	93405
384750	6341100	58798.66	58071.66	99	91526	384700	6341035	58817.04	58075.7	99	93414
384750	6341095	58797.22	58064.94	99	91541	384700	6341040	58814.7	58071.92	99	93429
384750	6341090	58797.89	58065.29	99	91553	384700	6341045	58815.36	58071.53	99	93441

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
384700	6341050	58816.51	58073.99	99	93453	384650	6341215	58811.25	58076.7	99	95650
384700	6341055	58816.04	58075.32	99	93505	384650	6341210	58810.77	58078.11	99	95659
384700	6341060	58814.92	58075.3	99	93520	384650	6341205	58810.35	58079.76	99	95708
384700	6341065	58815.02	58075.19	99	93544	384650	6341200	58810.73	58079.69	99	95720
384700	6341070	58815.1	58074.12	99	93559	384650	6341195	58809.27	58078.23	99	95732
384700	6341075	58816.34	58074.54	99	93611	384650	6341190	58812.28	58083.17	99	95744
384700	6341080	58816.56	58074.24	99	93620	384650	6341185	58812.62	58083.42	99	95756
384700	6341085	58816.23	58074.69	99	93641	384650	6341180	58812.25	58082.25	99	95808
384700	6341090	58814.29	58073.5	99	93705	384650	6341175	58812.32	58082.24	99	95820
384700	6341095	58814.96	58074.08	99	93738	384650	6341170	58813.18	58080.14	99	95835
384700	6341100	58814.32	58076.21	99	93802	384650	6341165	58812.67	58078.91	99	95850
384700	6341105	58813.59	58073.81	99	93823	384650	6341160	58812.48	58079.88	99	95905
384700	6341110	58813.44	58074.06	99	93838	384650	6341155	58818.71	58087.32	99	95917
384700	6341115	58812.39	58070.24	99	93850	384650	6341150	58814.76	58084.59	99	95929
384700	6341120	58812.83	58071.97	99	93902	384650	6341145	58811.69	58080.79	99	95941
384700	6341125	58813.82	58073.94	99	93917	384650	6341140	58810.99	58078.73	99	95953
384700	6341130	58813.77	58073.99	99	93929	384650	6341135	58811.08	58077.64	99	100002
384700	6341135	58814.16	58074.65	99	93938	384650	6341130	58811.29	58077.05	99	100014
384700	6341140	58812.5	58074.59	99	94002	384650	6341125	58810.78	58076.73	99	100026
384700	6341145	58811.53	58071.52	99	94023	384650	6341120	58810.77	58077.8	99	100038
384700	6341150	58809.4	58071.33	99	94056	384650	6341115	58811.68	58078.66	99	100050
384700	6341155	58810.39	58073.89	99	94138	384650	6341110	58813.9	58079.6	99	100059
384700	6341160	58808.65	58073.11	99	94153	384650	6341105	58812.78	58077.9	99	100108
384700	6341165	58808.17	58074.11	99	94205	384650	6341100	58812.56	58078.48	99	100129
384700	6341170	58807.71	58073.43	99	94214	384650	6341095	58812.12	58078.43	99	100138
384700	6341175	58807.11	58072.06	99	94223	384650	6341090	58813.61	58080.17	99	100147
384700	6341180	58807.98	58072.43	99	94235	384650	6341085	58813.24	58079.24	99	100202
384700	6341185	58806.5	58071.37	99	94256	384650	6341080	58813.56	58079.13	99	100211
384700	6341190	58806.43	58070.53	99	94317	384650	6341075	58813.49	58077.19	99	100226
384700	6341195	58807.09	58069.52	99	94329	384650	6341070	58815.38	58076.61	99	100235
384700	6341200	58807.25	58071.06	99	94344	384650	6341065	58813.88	58074.95	99	100247
384700	6341205	58807.6	58072.4	99	94356	384650	6341060	58817.62	58080.92	99	100259
384700	6341210	58807.49	58071.63	99	94408	384650	6341055	58816.02	58082.41	99	100314
384700	6341215	58806.59	58069.98	99	94420	384650	6341050	58816.1	58085.7	99	100329
384700	6341220	58806.45	58069.8	99	94429	384650	6341045	58813.39	58078.07	99	100353
384700	6341225	58805.86	58070.39	99	94441	384650	6341040	58811.48	58076.81	99	100405
384700	6341230	58806.37	58072.75	99	94505	384650	6341035	58813.82	58079.89	99	100423
384700	6341235	58803.63	58070.6	99	94523	384650	6341030	58814.97	58080.8	99	100432
384700	6341240	58804.76	58071.36	99	94535	384650	6341025	58815	58081.5	99	100444
384700	6341245	58803.25	58070.96	99	94605	384650	6341020	58815.4	58082.4	99	100453
384700	6341250	58801.64	58072.55	99	94635	384650	6341015	58822.3	58089.42	99	100502
384700	6341255	58799.32	58069.27	99	94656	384650	6341010	58814.27	58082.46	99	100514
384700	6341260	58798.94	58069.94	99	94711	384650	6341005	58812.73	58080.61	99	100526
384700	6341265	58799.5	58069.8	99	94729	384650	6341000	58811.8	58080.48	99	100538
384700	6341270	58800.53	58069.99	99	94741	384650	6340995	58810.95	58082.48	99	100550
384700	6341275	58801.34	58070.52	99	94753	384650	6340990	58811.36	58084.23	99	100559
384700	6341280	58801.88	58071.29	99	94808	384650	6340985	58809.89	58082.05	99	100611
384700	6341285	58801.27	58070.62	99	94835	384650	6340980	58810.4	58081.75	99	100620
384700	6341290	58801.51	58071.69	99	94844	384650	6340975	58810.78	58080.28	99	100629
384700	6341295	58801.01	58070.84	99	94856	384650	6340970	58810.73	58076.88	99	100641
384700	6341300	58801.08	58071.84	99	94914	384650	6340965	58811.27	58076.18	99	100650
384650	6341300	58803.89	58072.78	99	95150	384650	6340960	58812.38	58078.8	99	100702
384650	6341295	58804.73	58073.9	99	95202	384650	6340955	58813.88	58083.67	99	100714
384650	6341290	58802.81	58071.45	99	95214	384650	6340950	58813.66	58085.48	99	100723
384650	6341285	58803.55	58070.16	99	95226	384650	6340945	58813.82	58087.68	99	100735
384650	6341280	58805.79	58072.29	99	95235	384650	6340940	58811.64	58085.52	99	100744
384650	6341275	58805.75	58071.67	99	95250	384650	6340935	58811.79	58080.34	99	100802
384650	6341270	58807.41	58071.38	99	95429	384650	6340930	58812.75	58079.82	99	100814
384650	6341265	58809.14	58073.55	99	95441	384650	6340925	58811.97	58081.17	99	100823
384650	6341260	58809.6	58075.28	99	95453	384650	6340920	58812.44	58084.58	99	100832
384650	6341255	58810.63	58076.09	99	95502	384650	6340915	58813.02	58085.72	99	100844
384650	6341250	58811.11	58076.78	99	95514	384650	6340910	58812.76	58081.51	99	100853
384650	6341245	58812.92	58077.48	99	95541	384650	6340905	58813.07	58077.4	99	100905
384650	6341240	58811.81	58075.68	99	95553	384650	6340900	58815.2	58079.18	99	100914
384650	6341235	58813.38	58077.52	99	95605	384600	6340900	58813.3	58085.71	99	101623
384650	6341230	58812.15	58075.59	99	95614	384600	6340905	58813.53	58083.84	99	101635
384650	6341225	58812.41	58075.7	99	95623	384600	6340910	58813.92	58089.8	99	101656
384650	6341220	58809.2	58074.19	99	95635	384600	6340915	58813.39	58090.61	99	101708

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
384600	6340920	58815.75	58094.68	99	101717	384600	6341260	58810.82	58080.42	99	103059
384600	6340925	58812.35	58092.83	99	101726	384600	6341265	58810.81	58081.38	99	103108
384600	6340930	58810.77	58089.17	99	101738	384600	6341270	58809.58	58081.37	99	103120
384600	6340935	58811.17	58083.95	99	101753	384600	6341275	58809.46	58079.59	99	103129
384600	6340940	58813.83	58084.28	99	101811	384600	6341280	58808.8	58074.44	99	103141
384600	6340945	58813.41	58083.49	99	101823	384600	6341285	58809.75	58074.52	99	103156
384600	6340950	58813.21	58085.29	99	101832	384600	6341290	58810	58082.59	99	103217
384600	6340955	58814.06	58088.97	99	101841	384600	6341295	58806.85	58082.14	99	103232
384600	6340960	58811.86	58088.79	99	101850	384600	6341300	58805.03	58081.53	99	103244
384600	6340965	58810.36	58089.11	99	101859	384550	6341300	58803.57	58084.18	99	103635
384600	6340970	58810.39	58089.47	99	101911	384550	6341295	58803.28	58086.58	99	103647
384600	6340975	58808.72	58088.52	99	101923	384550	6341290	58801.58	58080.08	99	103705
384600	6340980	58807	58086.04	99	101935	384550	6341285	58805.08	58078.28	99	103720
384600	6340985	58809.36	58084.84	99	101944	384550	6341280	58805.99	58075.7	99	103732
384600	6340990	58809.75	58081.8	99	101953	384550	6341275	58806.27	58075.21	99	103741
384600	6340995	58810.07	58080.24	99	102005	384550	6341270	58808.58	58079.06	99	103756
384600	6341000	58808.16	58079.83	99	102017	384550	6341265	58808.66	58082.84	99	103814
384600	6341005	58809.36	58084.24	99	102029	384550	6341260	58806.23	58086.22	99	103826
384600	6341010	58810.58	58087.51	99	102038	384550	6341255	58805.28	58089.3	99	103835
384600	6341015	58808.71	58087.14	99	102050	384550	6341250	58802.18	58087.85	99	103853
384600	6341020	58804.43	58083.97	99	102059	384550	6341245	58803.84	58081.77	99	103932
384600	6341025	58799.22	58079.51	99	102108	384550	6341240	58803.88	58080.66	99	103941
384600	6341030	58803.73	58082.03	99	102120	384550	6341235	58802.8	58080.69	99	103950
384600	6341035	58806.14	58078.96	99	102132	384550	6341230	58803.27	58082.59	99	103959
384600	6341040	58806.24	58075.72	99	102144	384550	6341225	58804.32	58083.75	99	104008
384600	6341045	58808.52	58079.88	99	102156	384550	6341220	58806.67	58085.94	99	104017
384600	6341050	58810.61	58085.13	99	102208	384550	6341215	58805.02	58084.66	99	104029
384600	6341055	58808.96	58086.2	99	102220	384550	6341210	58805.23	58085.16	99	104044
384600	6341060	58808.88	58089.53	99	102232	384550	6341205	58806.23	58084.86	99	104056
384600	6341065	58805.77	58088.11	99	102244	384550	6341200	58806.97	58084.96	99	104108
384600	6341070	58802.99	58084.26	99	102253	384550	6341195	58806.65	58085.31	99	104117
384600	6341075	58803.35	58079.75	99	102305	384550	6341190	58805.59	58084.97	99	104126
384600	6341080	58802.71	58075.7	99	102314	384550	6341185	58806.46	58087.66	99	104138
384600	6341085	58805.06	58076.06	99	102323	384550	6341180	58804.88	58088.64	99	104150
384600	6341090	58806.99	58077.73	99	102335	384550	6341175	58803.96	58089.64	99	104159
384600	6341095	58811.05	58083.55	99	102350	384550	6341170	58804.06	58091.22	99	104211
384600	6341100	58810.32	58084.22	99	102402	384550	6341165	58804.83	58092.62	99	104220
384600	6341105	58807	58084.97	99	102417	384550	6341160	58805.8	58093.84	99	104232
384600	6341110	58806.45	58086.41	99	102426	384550	6341155	58808.54	58095.44	99	104241
384600	6341115	58805.91	58086.28	99	102438	384550	6341150	58809.67	58093.87	99	104253
384600	6341120	58804.93	58082.53	99	102450	384550	6341145	58809.68	58092.66	99	104302
384600	6341125	58804.57	58078.23	99	102505	384550	6341140	58809.55	58091.84	99	104314
384600	6341130	58804.01	58074.76	99	102517	384550	6341135	58807.1	58089.13	99	104323
384600	6341135	58805.55	58078.52	99	102532	384550	6341130	58807.28	58089.72	99	104332
384600	6341140	58804.1	58081.29	99	102547	384550	6341125	58805.18	58089.67	99	104344
384600	6341145	58803.3	58084.06	99	102559	384550	6341120	58802.48	58088.55	99	104402
384600	6341150	58802.47	58083.08	99	102614	384550	6341115	58802.31	58085.56	99	104414
384600	6341155	58802.35	58076.77	99	102626	384550	6341110	58802.39	58084.56	99	104426
384600	6341160	58804.33	58072.51	99	102638	384550	6341105	58802.89	58086.02	99	104438
384600	6341165	58806.23	58072.14	99	102647	384550	6341100	58803.31	58086.32	99	104453
384600	6341170	58807.56	58072.39	99	102656	384550	6341095	58805.17	58087.47	99	104508
384600	6341175	58809.81	58077.93	99	102711	384550	6341090	58804.33	58086.09	99	104520
384600	6341180	58809.76	58083.39	99	102723	384550	6341085	58804.4	58085.11	99	104532
384600	6341185	58808.23	58085.47	99	102738	384550	6341080	58804.53	58084.46	99	104541
384600	6341190	58805.24	58083.51	99	102750	384550	6341075	58806.72	58086.08	99	104550
384600	6341195	58802.36	58081.99	99	102805	384550	6341070	58805.42	58084.47	99	104602
384600	6341200	58803.58	58082.09	99	102817	384550	6341065	58805.99	58083.7	99	104614
384600	6341205	58807.23	58078.08	99	102844	384550	6341060	58806.7	58083.02	99	104623
384600	6341210	58808.94	58080	99	102859	384550	6341055	58807.7	58083.88	99	104632
384600	6341215	58808.5	58081.47	99	102911	384550	6341050	58808.1	58084.16	99	104641
384600	6341220	58806.38	58079.47	99	102923	384550	6341045	58809.12	58084.13	99	104659
384600	6341225	58807.65	58080.48	99	102932	384550	6341040	58809.31	58084.05	99	104711
384600	6341230	58806.43	58077.42	99	102944	384550	6341035	58808.32	58085.46	99	104723
384600	6341235	58807.26	58075.9	99	102959	384550	6341030	58808.76	58087.4	99	104732
384600	6341240	58807	58078.45	99	103011	384550	6341025	58809.08	58088.47	99	104744
384600	6341245	58807.95	58079.41	99	103023	384550	6341020	58810.15	58087.44	99	104759
384600	6341250	58809.96	58079.35	99	103035	384550	6341015	58809.8	58085.53	99	104811
384600	6341255	58811.39	58080.71	99	103047	384550	6341010	58811.18	58085.1	99	104823

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
384550	6341005	58810.88	58083.83	99	104835	384500	6341130	58809.33	58090.31	99	111141
384550	6341000	58812.68	58085.49	99	104844	384500	6341135	58806.75	58088.64	99	111153
384550	6340995	58811.71	58085.58	99	104856	384500	6341140	58806.11	58088.61	99	111205
384550	6340990	58810.45	58084.29	99	104905	384500	6341145	58806.03	58088.79	99	111214
384550	6340985	58816.05	58088.85	99	104917	384500	6341150	58805.31	58087.98	99	111229
384550	6340980	58814.05	58086.16	99	104926	384500	6341155	58806.21	58088.94	99	111241
384550	6340975	58811.8	58084.78	99	104944	384500	6341160	58804.99	58087.72	99	111253
384550	6340970	58811.63	58084.55	99	104956	384500	6341165	58805.78	58088.27	99	111305
384550	6340965	58812.3	58086.61	99	105014	384500	6341170	58806.97	58089.68	99	111314
384550	6340960	58812.5	58087.81	99	105032	384500	6341175	58804.26	58087.54	99	111326
384550	6340955	58813.25	58087.77	99	105041	384500	6341180	58803.07	58086.3	99	111338
384550	6340950	58811.79	58085.21	99	105053	384500	6341185	58803.18	58086.1	99	111350
384550	6340945	58814.06	58086.69	99	105105	384500	6341190	58802.87	58085.93	99	111402
384550	6340940	58815.58	58088.16	99	105114	384500	6341195	58799.91	58083.45	99	111411
384550	6340935	58816.89	58090.33	99	105123	384500	6341200	58798.69	58082.85	99	111426
384550	6340930	58814.1	58089.08	99	105135	384500	6341205	58799.93	58084.05	99	111438
384550	6340925	58812.51	58092.04	99	105208	384500	6341210	58802.46	58086.46	99	111450
384550	6340920	58810.6	58091.89	99	105220	384500	6341215	58802.87	58087.21	99	111459
384550	6340915	58809.27	58092.06	99	105232	384500	6341220	58803.24	58087.16	99	111511
384550	6340910	58807.57	58091.6	99	105244	384500	6341225	58801.35	58085.31	99	111523
384550	6340905	58806.38	58091.17	99	105256	384500	6341230	58801.39	58086.3	99	111535
384550	6340900	58805.65	58089.81	99	105314	384500	6341235	58800.8	58085.7	99	111547
384500	6340900	58813.26	58088.81	99	105644	384500	6341240	58799.87	58084.48	99	111556
384500	6340905	58813.39	58088.61	99	105659	384500	6341245	58798.97	58083.34	99	111605
384500	6340910	58818.88	58094.27	99	105720	384500	6341250	58797.6	58081.66	99	111620
384500	6340915	58820.61	58096.6	99	105735	384500	6341255	58797.12	58080.75	99	111632
384500	6340920	58818.21	58095.27	99	105753	384500	6341260	58798.75	58083.14	99	111644
384500	6340925	58819.65	58097.09	99	105805	384500	6341265	58799.83	58085.01	99	111656
384500	6340930	58817.08	58094.9	99	105820	384500	6341270	58800.04	58084.84	99	111705
384500	6340935	58816.98	58094.38	99	105844	384500	6341275	58800.68	58084.22	99	111717
384500	6340940	58815.5	58092.45	99	105905	384500	6341280	58799.29	58082.63	99	111729
384500	6340945	58813.63	58089.88	99	105935	384500	6341285	58799.42	58082.83	99	111738
384500	6340950	58813.95	58091.73	99	110035	384500	6341290	58799.56	58081.63	99	111750
384500	6340955	58813.31	58091.56	99	110047	384500	6341295	58799.08	58080	99	111759
384500	6340960	58811.65	58090.17	99	110102	384500	6341300	58800.7	58081.11	99	111808
384500	6340965	58810.79	58088.71	99	110132	384450	6341300	58800.7	58084.92	99	112044
384500	6340970	58810.67	58088.75	99	110141	384450	6341295	58801.52	58085.53	99	112056
384500	6340975	58811.13	58089.13	99	110150	384450	6341290	58800.61	58084.93	99	112108
384500	6340980	58810.85	58089.16	99	110202	384450	6341285	58800.09	58084.76	99	112117
384500	6340985	58810.42	58088.95	99	110217	384450	6341280	58800.19	58085.03	99	112126
384500	6340990	58811.61	58090.12	99	110229	384450	6341275	58798.93	58083.66	99	112144
384500	6340995	58810.26	58089.06	99	110244	384450	6341270	58798.94	58083.65	99	112202
384500	6341000	58808.8	58088.04	99	110256	384450	6341265	58798.4	58082.82	99	112214
384500	6341005	58808.75	58088.59	99	110311	384450	6341260	58799.33	58083.34	99	112226
384500	6341010	58809.1	58089.27	99	110323	384450	6341255	58798.01	58081.73	99	112235
384500	6341015	58808.34	58088.79	99	110335	384450	6341250	58799.38	58082.69	99	112253
384500	6341020	58808.5	58088.86	99	110402	384450	6341245	58802.28	58085.73	99	112305
384500	6341025	58809.45	58089.26	99	110414	384450	6341240	58799.83	58083.81	99	112317
384500	6341030	58809.97	58089.68	99	110432	384450	6341235	58799.51	58083.62	99	112332
384500	6341035	58809.42	58088.88	99	110453	384450	6341230	58801.28	58085.19	99	112402
384500	6341040	58806.96	58086.55	99	110505	384450	6341225	58800.48	58084.95	99	112414
384500	6341045	58808.07	58088.34	99	110520	384450	6341220	58800.8	58085.61	99	112426
384500	6341050	58807.62	58087.39	99	110532	384450	6341215	58800.59	58084.99	99	112441
384500	6341055	58805.41	58087.14	99	110805	384450	6341210	58801.33	58085.9	99	112459
384500	6341060	58804.65	58086.09	99	110829	384450	6341205	58802.86	58087.53	99	112508
384500	6341065	58806.06	58087.55	99	110847	384450	6341200	58800.82	58085.6	99	112517
384500	6341070	58804.78	58086.29	99	110856	384450	6341195	58801.69	58086.69	99	112529
384500	6341075	58805.21	58086.6	99	110905	384450	6341190	58802.45	58087.3	99	112541
384500	6341080	58805.21	58086.7	99	110917	384450	6341185	58803.41	58088.16	99	112553
384500	6341085	58804.66	58086.23	99	110944	384450	6341180	58801.63	58086.83	99	112605
384500	6341090	58804.05	58085.6	99	110956	384450	6341175	58801.66	58086.91	99	112623
384500	6341095	58804.03	58085.55	99	111011	384450	6341170	58802.61	58087.55	99	112635
384500	6341100	58803.2	58085.42	99	111023	384450	6341165	58801.85	58086.48	99	112647
384500	6341105	58803.82	58087.15	99	111041	384450	6341160	58801.52	58085.86	99	112702
384500	6341110	58805.46	58089.52	99	111053	384450	6341155	58802.48	58086.59	99	112714
384500	6341115	58807.14	58091.23	99	111105	384450	6341150	58803.06	58086.79	99	112729
384500	6341120	58808.74	58091.7	99	111117	384450	6341145	58803.32	58086.85	99	112744
384500	6341125	58810.05	58091.34	99	111129	384450	6341140	58806.07	58089.99	99	112759

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
384450	6341135	58807.85	58091.77	99	112814	384400	6341000	58808.53	58089.88	99	115314
384450	6341130	58806.94	58090.78	99	112826	384400	6341005	58805.76	58087.25	99	115326
384450	6341125	58804.67	58088.57	99	112835	384400	6341010	58804.76	58085.93	99	115341
384450	6341120	58803.58	58087.36	99	112853	384400	6341015	58805.08	58086.15	99	115353
384450	6341115	58804	58087.54	99	112908	384400	6341020	58804.71	58085.6	99	115405
384450	6341110	58804.41	58087.99	99	112926	384400	6341025	58803.42	58084.2	99	115414
384450	6341105	58805.34	58088.34	99	112941	384400	6341030	58802.79	58084.4	99	115444
384450	6341100	58806.23	58089.34	99	112953	384400	6341035	58802.23	58083.35	99	115456
384450	6341095	58805.46	58088.84	99	113008	384400	6341040	58804.58	58085.4	99	115517
384450	6341090	58805.79	58088.79	99	113023	384400	6341045	58805.03	58085.77	99	115547
384450	6341085	58804.71	58087.27	99	113035	384400	6341050	58805.16	58086.3	99	115623
384450	6341080	58806	58088.35	99	113050	384400	6341055	58808.05	58090.29	99	115647
384450	6341075	58805.52	58089.8	99	113120	384400	6341060	58809.03	58090.79	99	115708
384450	6341070	58806.96	58089.59	99	113135	384400	6341065	58811.88	58093.51	99	115738
384450	6341065	58806.63	58089.16	99	113147	384400	6341070	58809.52	58091.15	99	115750
384450	6341060	58806.35	58089.89	99	113159	384400	6341075	58810.86	58092.77	99	115759
384450	6341055	58805.71	58089.67	99	113205	384400	6341080	58808.76	58090.42	99	115820
384450	6341050	58806.14	58089.36	99	113214	384400	6341085	58808.58	58090.7	99	115832
384450	6341045	58805.11	58087.45	99	113226	384400	6341090	58808.61	58091.14	99	115844
384450	6341040	58805.58	58087.93	99	113235	384400	6341095	58809.33	58091.09	99	115853
384450	6341035	58806.07	58090.06	99	113253	384400	6341100	58809.9	58092.89	99	115914
384450	6341030	58805.95	58089.64	99	113308	384400	6341105	58808.57	58089.37	99	115926
384450	6341025	58803.21	58086.22	99	113323	384400	6341110	58809.35	58090.85	99	115959
384450	6341020	58774.4	58057.45	99	113338	384400	6341115	58807.99	58087.99	99	120008
384450	6341015	58777.45	58061.33	99	113353	384400	6341120	58807.26	58088.2	99	120020
384450	6341010	58805.34	58088.45	99	113411	384400	6341125	58807.4	58089.98	99	120032
384450	6341005	58806.97	58091	99	113450	384400	6341130	58806.32	58089.64	99	120044
384450	6341000	58810.97	58095.27	99	113508	384400	6341135	58805.98	58089.28	99	120056
384450	6340995	58809.87	58093.21	99	113538	384400	6341140	58803.33	58086.72	99	120111
384450	6340990	58809.73	58094.25	99	113553	384400	6341145	58804.97	58088.09	99	120123
384450	6340985	58809.65	58094.94	99	113605	384400	6341150	58805.32	58087.69	99	120135
384450	6340980	58810	58094.18	99	113614	384400	6341155	58807.06	58088.22	99	120202
384450	6340975	58809.31	58092.72	99	113623	384400	6341160	58809.63	58090.75	99	120214
384450	6340970	58810.74	58095.04	99	113641	384400	6341165	58804.99	58088.18	99	120226
384450	6340965	58802.79	58086.27	99	113735	384400	6341170	58806.28	58089.68	99	120238
384450	6340960	58803.97	58087.08	99	113817	384400	6341175	58803.99	58086.39	99	120250
384450	6340955	58803.96	58087.96	99	113832	384400	6341180	58804.69	58086.37	99	120302
384450	6340950	58805.04	58087.38	99	113844	384400	6341185	58805.7	58087.02	99	120311
384450	6340945	58802.98	58086.34	99	113902	384400	6341190	58804.46	58086.89	99	120323
384450	6340940	58804.14	58088.62	99	113911	384400	6341195	58803.77	58087.45	99	120332
384450	6340935	58808.24	58091.76	99	113920	384400	6341200	58804.4	58086.47	99	120347
384450	6340930	58811.76	58094.14	99	113926	384400	6341205	58804.22	58085.86	99	120402
384450	6340925	58810.8	58092.81	99	113935	384400	6341210	58805.3	58087.48	99	120414
384450	6340920	58814.79	58097.67	99	113944	384400	6341215	58803.62	58085.24	99	120423
384450	6340915	58808.27	58092.49	99	113953	384400	6341220	58803.86	58085.82	99	120432
384450	6340910	58810.72	58094.77	99	114002	384400	6341225	58803.15	58085.55	99	120444
384450	6340905	58808.69	58091.97	99	114011	384400	6341230	58802.64	58084.8	99	120456
384450	6340900	58808.24	58092.09	99	114020	384400	6341235	58805.22	58087.47	99	120508
384400	6340900	58812.3	58095.76	99	114759	384400	6341240	58803.56	58087.42	99	120520
384400	6340905	58811.57	58094.87	99	114820	384400	6341245	58802.32	58086.22	99	120529
384400	6340910	58811.16	58094.26	99	114835	384400	6341250	58802.37	58085.76	99	120541
384400	6340915	58810.39	58093.66	99	114844	384400	6341255	58802.3	58085.33	99	120553
384400	6340920	58809.32	58093.04	99	114917	384400	6341260	58803.01	58086.97	99	120605
384400	6340925	58809.99	58093.93	99	114929	384400	6341265	58802.92	58086.09	99	120617
384400	6340930	58808.95	58092.86	99	115002	384400	6341270	58803.73	58085.97	99	120629
384400	6340935	58806.34	58090.2	99	115011	384400	6341275	58802.97	58085.36	99	120641
384400	6340940	58806.16	58088.82	99	115026	384400	6341280	58802.11	58085.9	99	120708
384400	6340945	58804.78	58086.59	99	115044	384400	6341285	58801.21	58085.98	99	120720
384400	6340950	58805.46	58087.31	99	115059	384400	6341290	58800.92	58086.1	99	120732
384400	6340955	58809.78	58091.41	99	115123	384400	6341295	58799.96	58084.6	99	120741
384400	6340960	58810.07	58091.81	99	115138	384400	6341300	58800.6	58084.9	99	120753
384400	6340965	58812.31	58094	99	115147	384350	6341300	58800.85	58083.8	99	121044
384400	6340970	58813.62	58095.51	99	115156	384350	6341295	58798.87	58082.55	99	121056
384400	6340975	58809.68	58091.87	99	115205	384350	6341290	58805.84	58088.26	99	121108
384400	6340980	58807.05	58089.16	99	115217	384350	6341285	58803.47	58086.63	99	121120
384400	6340985	58807.39	58089.54	99	115229	384350	6341280	58802.53	58084.1	99	121132
384400	6340990	58811.02	58092.94	99	115241	384350	6341275	58805.22	58085.24	99	121141
384400	6340995	58809.29	58090.57	99	115256	384350	6341270	58808.07	58088.78	99	121153

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
384350	6341265	58807.75	58089.73	99	121202	384485	6341100	58802.99	58087.89	99	123402
384350	6341260	58807.5	58088.69	99	121214	384490	6341100	58801.31	58085.71	99	123414
384350	6341255	58807.3	58088.92	99	121232	384495	6341100	58801.17	58084.7	99	123423
384350	6341250	58803.92	58086.65	99	121311	384500	6341100	58801.5	58086.14	99	123435
384350	6341245	58809.2	58092.48	99	121329	384505	6341100	58802.3	58088.16	99	123450
384350	6341240	58810.42	58093.79	99	121344	384510	6341100	58801.69	58084.87	99	123502
384350	6341235	58806.76	58088.08	99	121405	384515	6341100	58802.05	58082.06	99	123511
384350	6341230	58805.4	58086.67	99	121417	384520	6341100	58802.54	58081.87	99	123520
384350	6341225	58804	58088.03	99	121429	384525	6341100	58802.74	58083.24	99	123529
384350	6341220	58806.16	58089.83	99	121441	384530	6341100	58803.21	58086.37	99	123541
384350	6341215	58803.11	58085.25	99	121456	384535	6341100	58803.51	58086.92	99	123550
384350	6341210	58805.7	58089.25	99	121508	384540	6341100	58802.94	58084.59	99	123602
384350	6341205	58805.35	58090.35	99	121520	384545	6341100	58801.87	58083.55	99	123611
384350	6341200	58805.57	58090.45	99	121529	384550	6341100	58800.94	58082.57	99	123623
384350	6341195	58806.54	58090.59	99	121544	384555	6341100	58800.94	58082.82	99	123632
384350	6341190	58805.97	58088.04	99	121556	384560	6341100	58800.56	58081.99	99	123644
384350	6341185	58806.3	58088.52	99	121611	384565	6341100	58801.09	58082.87	99	123656
384350	6341180	58806.64	58090.88	99	121620	384570	6341100	58802.8	58084.3	99	123708
384350	6341175	58804.72	58089.9	99	121635	384575	6341100	58797.08	58077.89	99	123720
384350	6341170	58805.8	58089.52	99	121647	384580	6341100	58800.05	58082.92	99	123735
384350	6341165	58807.32	58091.44	99	121659	384585	6341100	58799.82	58083.29	99	123744
384350	6341160	58809.02	58093.04	99	121711	384590	6341100	58799.93	58084.81	99	123756
384350	6341155	58806.5	58090.46	99	121723	384595	6341100	58798.66	58084.31	99	123805
384350	6341150	58805.38	58090.55	99	121738	384600	6341100	58797.32	58083.6	99	123814
384350	6341145	58805.74	58090.75	99	121753	384605	6341100	58795.8	58082.54	99	123826
384350	6341140	58806.33	58088.68	99	121808	384610	6341100	58795.33	58082.36	99	123838
384350	6341135	58805.85	58087.24	99	121823	384615	6341100	58795.76	58081.05	99	123850
384350	6341130	58806.35	58091.83	99	121844	384620	6341100	58795.18	58079.55	99	123859
384350	6341125	58807.59	58092.8	99	121926	384625	6341100	58796.42	58081.28	99	123914
384350	6341120	58808.45	58091.64	99	121950	384630	6341100	58796	58081.01	99	123929
384350	6341115	58809.15	58092.46	99	122008	384635	6341100	58795.35	58080.35	99	123941
384350	6341110	58809.68	58092.03	99	122032	384640	6341100	58795.29	58079.7	99	123953
384350	6341105	58808.82	58089.76	99	122056	384645	6341100	58796.63	58081.94	99	124002
384350	6341100	58808.84	58090.76	99	122114	384650	6341100	58795.35	58078.82	99	124017
384350	6341095	58810.14	58093.63	99	122138	384655	6341100	58794.74	58076.36	99	124029
384350	6341090	58809.15	58090.77	99	122150	384660	6341100	58794.18	58075.4	99	124041
384350	6341085	58808.2	58089.36	99	122202	384665	6341100	58794.18	58076.65	99	124053
384350	6341080	58807.2	58089.18	99	122214	384670	6341100	58794.47	58076.19	99	124117
384350	6341075	58804.77	58088.2	99	122223	384675	6341100	58795.89	58078.46	99	124132
384350	6341070	58801.03	58082.9	99	122432	384680	6341100	58792.86	58073.32	99	124159
384350	6341065	58802.75	58086.42	99	122520	384685	6341100	58791.5	58073.18	99	124226
384350	6341100	58807.24	58090.83	99	122826	384690	6341100	58791.97	58073.35	99	124235
384355	6341100	58806.92	58091.52	99	122838	384695	6341100	58791.38	58073.01	99	124247
384360	6341100	58805.77	58090.57	99	122847	384700	6341100	58791.95	58073.81	99	124317
384365	6341100	58808.47	58094.78	99	122859	384705	6341100	58790.73	58072.16	99	124338
384370	6341100	58808.26	58095.22	99	122911	384710	6341100	58790.06	58072.9	99	124353
384375	6341100	58807.92	58092.6	99	122923	384715	6341100	58790.97	58070.89	99	124417
384380	6341100	58802.74	58087.57	99	122938	384720	6341100	58790.78	58071.46	99	124429
384385	6341100	58803.83	58087.47	99	122947	384725	6341100	58789.49	58070.48	99	124444
384390	6341100	58803.79	58084.7	99	122956	384730	6341100	58789.39	58071.02	99	124459
384395	6341100	58808.85	58090.04	99	123008	384735	6341100	58789.14	58070.31	99	124511
384400	6341100	58808.6	58092.47	99	123017	384740	6341100	58788.7	58071.21	99	124526
384405	6341100	58807.5	58091.51	99	123032	384745	6341100	58788.04	58071.72	99	124538
384410	6341100	58805.51	58088.37	99	123044	384750	6341100	58788.74	58072.86	99	124550
384415	6341100	58805.04	58089.7	99	123056	LEGEND CAMP					
384420	6341100	58805.22	58088.12	99	123108	385050	6340850	58745.23	58001.35	99	84205
384425	6341100	58805.28	58085.89	99	123120	385050	6340855	58742.87	57993.87	99	84305
384430	6341100	58805.31	58087.46	99	123132	385050	6340860	58740.74	57992.24	99	84317
384435	6341100	58807.03	58088.73	99	123150	385050	6340865	58734.51	57989.14	99	84326
384440	6341100	58804.99	58089.04	99	123205	385050	6340870	58728.89	57988.23	99	84341
384445	6341100	58804.51	58089.09	99	123217	385050	6340875	58720.22	57979.36	99	84350
384450	6341100	58804.2	58088.38	99	123235	385050	6340880	58710.06	57964.27	99	84405
384455	6341100	58803.89	58086.73	99	123253	385050	6340885	58680.39	57924.41	99	84417
384460	6341100	58803.35	58085.76	99	123308	385050	6340890	58564.72	57808.51	99	84426
384465	6341100	58802.62	58084.97	99	123317	385050	6340895	58210.76	57457.06	99	84453
384470	6341100	58803.89	58085.99	99	123329	385050	6340900	58299.95	57543.48	99	84505
384475	6341100	58804.61	58087.45	99	123338	385050	6340905	58940.14	58184.92	99	84517
384480	6341100	58803.26	58087.07	99	123350	385050	6340910	58799.72	58044.39	99	84532

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
384485	6341100	58802.99	58087.89	99	123402	385050	6340915	58781.41	58033.45	99	84617
384490	6341100	58801.31	58085.71	99	123414	385050	6340920	58765.14	58023.1	99	84626
384495	6341100	58801.17	58084.7	99	123423	385050	6340925	58775.62	58038.39	99	84638
384500	6341100	58801.5	58086.14	99	123435	385050	6340930	58937.39	58195.33	99	84647
384505	6341100	58802.3	58088.16	99	123450	385050	6340935	59066.3	58321.1	99	84659
384510	6341100	58801.69	58084.87	99	123502	385050	6340940	59029.32	58284.56	99	84711
384515	6341100	58802.05	58082.06	99	123511	385050	6340945	58876.55	58133.5	99	84723
384520	6341100	58802.54	58081.87	99	123520	385050	6340950	58703.21	57958.7	99	84732
384525	6341100	58802.74	58083.24	99	123529	385050	6340955	58258.03	57510.4	99	84747
384530	6341100	58803.21	58086.37	99	123541	385050	6340960	58223.66	57470.94	99	84756
384535	6341100	58803.51	58086.92	99	123550	385050	6340965	58816.93	58058.52	99	84811
384540	6341100	58802.94	58084.59	99	123602	385050	6340970	58825.58	58066.33	99	84820
384545	6341100	58801.87	58083.55	99	123611	385050	6340975	58713.76	57954.24	99	84832
384550	6341100	58800.94	58082.57	99	123623	385050	6340980	58627.33	57870.94	99	84844
384555	6341100	58800.94	58082.82	99	123632	385050	6340985	58590.65	57837.4	99	84853
384560	6341100	58800.56	58081.99	99	123644	385050	6340990	58569.22	57824.8	99	84905
384565	6341100	58801.09	58082.87	99	123656	385050	6340995	58547.75	57810.93	99	84914
384570	6341100	58802.8	58084.3	99	123708	385050	6341000	58526.62	57797.82	99	85005
384575	6341100	58797.08	58077.89	99	123720	385050	6341005	58544.59	57807.11	99	85026
384580	6341100	58800.05	58082.92	99	123735	385050	6341010	58590.52	57825.51	99	85056
384585	6341100	58799.82	58083.29	99	123744	385050	6341015	58593.94	57813.81	99	85120
384590	6341100	58799.93	58084.81	99	123756	385050	6341020	58581.08	57823.71	99	85138
384595	6341100	58798.66	58084.31	99	123805	385050	6341025	58543.2	57821.67	99	85159
384600	6341100	58797.32	58083.6	99	123814	385050	6341030	58520	57816.1	99	85217
384605	6341100	58795.8	58082.54	99	123826	385050	6341035	58502.03	57800.73	99	85229
384610	6341100	58795.33	58082.36	99	123838	385050	6341040	58493.06	57790.97	99	85241
384615	6341100	58795.76	58081.05	99	123850	385050	6341045	58481.74	57773.58	99	85256
384620	6341100	58795.18	58079.55	99	123859	385050	6341050	58496	57763.48	99	85323
384625	6341100	58796.42	58081.28	99	123914	385050	6341055	58504.09	57761.36	99	85332
384630	6341100	58796	58081.01	99	123929	385050	6341060	58521.61	57764.95	99	85347
384635	6341100	58795.35	58080.35	99	123941	385050	6341065	58534.52	57773.91	99	85359
384640	6341100	58795.29	58079.7	99	123953	385050	6341070	58538.61	57779.08	99	85411
384645	6341100	58796.63	58081.94	99	124002	385050	6341075	58546.35	57789.11	99	85423
384650	6341100	58795.35	58078.82	99	124017	385050	6341080	58562.84	57810.89	99	85438
384655	6341100	58794.74	58076.36	99	124029	385050	6341085	58559.18	57809.21	99	85459
384660	6341100	58794.18	58075.4	99	124041	385050	6341090	58558.5	57807.09	99	85511
384665	6341100	58794.18	58076.65	99	124053	385050	6341095	58566	57813.58	99	85526
384670	6341100	58794.47	58076.19	99	124117	385050	6341100	58583.39	57822.67	99	85553
384675	6341100	58795.89	58078.46	99	124132	385050	6341105	58609.82	57864	99	85808
384680	6341100	58792.86	58073.32	99	124159	385050	6341110	58628.53	57877.59	99	85829
384685	6341100	58791.5	58073.18	99	124226	385050	6341115	58633.92	57877.48	99	85847
384690	6341100	58791.97	58073.35	99	124235	385050	6341120	58633.95	57872.72	99	85859
384695	6341100	58791.38	58073.01	99	124247	385050	6341125	58648.83	57887.39	99	85941
384700	6341100	58791.95	58073.81	99	124317	385050	6341130	58652.11	57888.97	99	85953
384705	6341100	58790.73	58072.16	99	124338	385050	6341135	58657.6	57894.42	99	90005
384710	6341100	58790.06	58072.9	99	124353	385050	6341140	58661.45	57902.93	99	90020
384715	6341100	58790.97	58070.89	99	124417	385050	6341145	58670.01	57913.94	99	90032
384720	6341100	58790.78	58071.46	99	124429	385050	6341150	58676.2	57917.68	99	90044
384725	6341100	58789.49	58070.48	99	124444	385050	6341155	58673.75	57918.34	99	90059
384730	6341100	58789.39	58071.02	99	124459	385050	6341160	58684.93	57927.46	99	90111
384735	6341100	58789.14	58070.31	99	124511	385050	6341165	58695.4	57933.28	99	90132
384740	6341100	58788.7	58071.21	99	124526	385050	6341170	58703.42	57939.9	99	90144
384745	6341100	58788.04	58071.72	99	124538	385050	6341175	58710.83	57948.02	99	90159
384750	6341100	58788.74	58072.86	99	124550	385050	6341180	58718.78	57957.61	99	90223
LEGEND CAMP						385050	6341185	58722.07	57962.94	99	90238
385050	6340850	58745.23	58001.35	99	84205	385050	6341190	58725.37	57969.94	99	90250
385050	6340855	58742.87	57993.87	99	84305	385050	6341195	58727.79	57974.7	99	90305
385050	6340860	58740.74	57992.24	99	84317	385050	6341200	58725.92	57976.72	99	90320
385050	6340865	58734.51	57989.14	99	84326	385100	6341200	58596.24	57860.83	99	90529
385050	6340870	58728.89	57988.23	99	84341	385100	6341195	58569.14	57838.38	99	90553
385050	6340875	58720.22	57979.36	99	84350	385100	6341190	58536.06	57810.69	99	90608
385050	6340880	58710.06	57964.27	99	84405	385100	6341185	58526.9	57801.11	99	90620
385050	6340885	58680.39	57924.41	99	84417	385100	6341180	58530.54	57793.95	99	90711
385050	6340890	58564.72	57808.51	99	84426	385100	6341175	58526.82	57785.31	99	90729
385050	6340895	58210.76	57457.06	99	84453	385100	6341170	58518.04	57769.85	99	90744
385050	6340900	58299.95	57543.48	99	84505	385100	6341165	58500.78	57749.66	99	90759
385050	6340905	58940.14	58184.92	99	84517	385100	6341160	58473.42	57725.93	99	90844
385050	6340910	58799.72	58044.39	99	84532	385100	6341155	58444.35	57701.19	99	90856

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
385100	6341150	58403.57	57664	99	90905	385150	6340885	58066.43	57326.14	99	92329
385100	6341145	58375.1	57639.67	99	90917	385150	6340890	58554.67	57810.88	99	92341
385100	6341140	58339.83	57605.8	99	90929	385150	6340895	58644.99	57899.73	99	92356
385100	6341135	58292.85	57557.4	99	90938	385150	6340900	58672.74	57923.99	99	92414
385100	6341130	58251.77	57517.97	99	91002	385150	6340905	58594.31	57845.43	99	92438
385100	6341125	58180.91	57452.05	99	91014	385150	6340910	58576.28	57831.42	99	92456
385100	6341120	58126.07	57401.4	99	91026	385150	6340915	58600.07	57860.99	99	92523
385100	6341115	58094.6	57371.87	99	91038	385150	6340920	58131.69	57392.75	99	92535
385100	6341110	58065.34	57343.06	99	91050	385150	6340925	57462.53	56722.81	99	92559
385100	6341105	58011.8	57289.35	99	91105	385150	6340930	59377.51	58636.05	49	92617
385100	6341100	57923.94	57203.38	99	91117	385150	6340935	61789.69	61047.16	29	92632
385100	6341095	57851.39	57134.79	99	91132	385150	6340940	64789.96	64046.36	29	92644
385100	6341090	57723.56	57008.88	99	91144	385150	6340945	63910.55	63153.66	39	92729
385100	6341085	57611.47	56898.06	99	91156	385150	6340950	59057.87	58297.12	99	92750
385100	6341080	57478	56759.57	99	91205	385150	6340955	59039.92	58279.74	99	92805
385100	6341075	57250.36	56523.76	99	91217	385150	6340960	58527.98	57769.68	79	92817
385100	6341070	56953.7	56226.05	99	91229	385150	6340965	57077.33	56318.98	99	92826
385100	6341065	56802.69	56074.39	99	91241	385150	6340970	57562.03	56803.72	79	92835
385100	6341060	56978.44	56250.86	99	91253	385150	6340975	58606.74	57854.94	99	92847
385100	6341055	56998.3	56272.81	99	91302	385150	6340980	58559	57806.88	99	92859
385100	6341050	57336.5	56613.55	99	91314	385150	6340985	58112.74	57358.21	99	92908
385100	6341045	57591.54	56868.18	99	91320	385150	6340990	57583.19	56829.01	99	92917
385100	6341040	57623.88	56899.38	99	91329	385150	6340995	57464.2	56702.85	99	92926
385100	6341035	57727.16	57003.13	99	91341	385150	6341000	57477.14	56719.48	99	92938
385100	6341030	57799.88	57076.22	99	91350	385150	6341005	57378.91	56623.1	99	92947
385100	6341025	57827	57102.84	99	91359	385150	6341010	57089.67	56333.63	99	92956
385100	6341020	57842.69	57115.61	99	91408	385150	6341015	56738.37	55982.11	99	93008
385100	6341015	57834.11	57104.01	99	91417	385150	6341020	56321.71	55567.83	99	93020
385100	6341010	57825.31	57092.41	99	91426	385150	6341025	55964.65	55209.4	99	93032
385100	6341005	57819.29	57081.86	99	91435	385200	6341000	57690.21	56930.99	99	93205
385100	6341000	57771.66	57027.11	99	91444	385200	6340995	57927.02	57170.13	99	93217
385100	6340995	57777.71	57021.08	99	91453	385200	6340990	58159.77	57404.99	99	93229
385100	6340990	57825.89	57058.09	99	91502	385200	6340985	58269.45	57517.68	99	93238
385100	6340985	57890.37	57118.29	99	91514	385200	6340980	58339.97	57591.51	99	93247
385100	6340980	57946.92	57188.28	99	91538	385200	6340975	58417.36	57669.02	99	93259
385100	6340975	58043.74	57298.41	99	91559	385200	6340970	58550.36	57801.15	99	93311
385100	6340970	58088.52	57346.9	99	91608	385200	6340965	58610.12	57860.52	99	93320
385100	6340965	58074.3	57339.34	99	91617	385200	6340960	58582.79	57831.52	99	93332
385100	6340960	58101.44	57383.93	99	91629	385200	6340955	58598.73	57836.27	99	93350
385100	6340955	58343.45	57630.07	99	91638	385200	6340950	58614.06	57846	99	93408
385100	6340950	58716.35	57999.69	99	91647	385200	6340945	58639.96	57876.72	99	93429
385100	6340945	59915.02	59202.38	39	91659	385200	6340940	58655.56	57888.4	99	93444
385100	6340940	58675.09	57960.54	99	91711	385200	6340935	58672.54	57938.9	99	93720
385100	6340935	58612.22	57894.31	99	91720	385200	6340930	58676.36	57947.53	99	93729
385100	6340930	58601.13	57880.1	99	91732	385200	6340925	58682.89	57950.32	99	93744
385100	6340925	58580.63	57859.62	99	91741	385200	6340920	58692.68	57955.3	99	93759
385100	6340920	58591.04	57875.52	99	91750	385200	6340915	58701.32	57963.3	99	93811
385100	6340915	58674.67	57961.77	99	91802	385200	6340910	58701.33	57962.88	99	93826
385100	6340910	58913.32	58193	99	91814	385200	6340905	58714.85	57970.69	99	93841
385100	6340905	58962.98	58237.12	99	91826	385200	6340900	58743.04	57999.25	99	94002
385100	6340900	58789.41	58060.53	99	91838	385200	6340895	58788.47	58054.41	99	94014
385100	6340895	58725.53	57994.91	99	91850	385200	6340890	58803.68	58078.02	99	94023
385100	6340890	58711.48	57973.67	99	91859	385200	6340885	58805.66	58086.79	99	94032
385100	6340885	58730.56	57992.63	99	91911	385200	6340880	58819.97	58105.04	99	94041
385100	6340880	58743.66	58002.29	99	91920	385200	6340875	58849.16	58137.95	99	94050
385100	6340875	58710.67	57966.23	99	91935	385200	6340870	58800.87	58095.21	99	94059
385100	6340870	58419.69	57667.48	99	91947	385200	6340865	58318.69	57616.49	99	94108
385100	6340865	57602.53	56844.84	99	91956	385200	6340860	57737.29	57037.48	99	94117
385100	6340860	58406.04	57641.55	99	92008	385200	6340855	58332.18	57633.03	99	94129
385100	6340855	58752.33	57987.23	99	92017	385200	6340850	58876.24	58173.29	99	94141
385100	6340850	58809.32	58044.06	99	92029	385250	6340850	58753.96	58015.05	99	94717
385150	6340850	58714.2	57995.85	99	92202	385250	6340855	58757.45	58020.39	99	94732
385150	6340855	58669.23	57954	99	92217	385250	6340860	58754.59	58019.25	99	94744
385150	6340860	58602.32	57887.33	99	92226	385250	6340865	58753.19	58019.88	99	94756
385150	6340865	58470.06	57748.13	99	92241	385250	6340870	58751.16	58019.23	99	94814
385150	6340870	58225.9	57502.32	99	92250	385250	6340875	58749.53	58017.28	99	94829
385150	6340875	57718.23	56989.99	99	92302	385250	6340880	58747.28	58018.6	99	94847
385150	6340880	57539.51	56803.72	99	92317	385250	6340885	58741.67	58019.36	99	94935

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
385250	6340890	58737.28	58007.32	99	94956	385300	6341025	58543.53	57798.91	99	101511
385250	6340895	58734.56	58010.65	99	95014	385300	6341020	58547.5	57804.86	99	101526
385250	6340900	58727.91	58004.89	99	95047	385300	6341015	58586.59	57844.23	99	101544
385250	6340905	58728.33	58005.37	99	95105	385300	6341010	58605.59	57868.05	99	101611
385250	6340910	58716.42	57988.27	99	95129	385300	6341005	58619.96	57877.38	99	101632
385250	6340915	58712.25	57991.53	99	95159	385300	6341000	58635.6	57883.32	99	101653
385250	6340920	58705.05	57989.65	99	95229	385300	6340995	58641.76	57891.51	99	101705
385250	6340925	58700.57	57974.42	99	95256	385300	6340990	58655.15	57908.15	99	101723
385250	6340930	58697.49	57954.45	99	95323	385300	6340985	58670.37	57921	99	101738
385250	6340935	58693.43	57956.51	99	95344	385300	6340980	58676.87	57927.23	99	101750
385250	6340940	58683.82	57941.91	99	95408	385300	6340975	58681.14	57934.98	99	101759
385250	6340945	58673.02	57931.47	99	95429	385300	6340970	58689.04	57949.77	99	101817
385250	6340950	58655.19	57913.7	99	95450	385300	6340965	58688.62	57951.5	99	101829
385250	6340955	58637.54	57887.38	99	95514	385300	6340960	58644.75	57912.59	99	101841
385250	6340960	58632.08	57881.77	99	95532	385300	6340955	58660.79	57928.95	99	101853
385250	6340965	58641.48	57890.02	99	95547	385300	6340950	58702.06	57971.1	99	101902
385250	6340970	58590.76	57836.93	99	95556	385300	6340945	58701.75	57977.08	99	101920
385250	6340975	58545.99	57793.06	99	95608	385300	6340940	58708.98	57981.56	99	101932
385250	6340980	58503.04	57754.3	99	95620	385300	6340935	58716.39	57994.77	99	101944
385250	6340985	58451.69	57704.35	99	95629	385300	6340930	58718.38	57999.01	99	102002
385250	6340990	58390.39	57648.49	99	95638	385300	6340925	58722.77	58003.53	99	102014
385250	6340995	58335.97	57600.21	99	95647	385300	6340920	58731.45	58012.43	99	102029
385250	6341000	58242.94	57513.05	99	95659	385300	6340915	58740.97	58002.96	99	102102
385250	6341005	58134.49	57411.91	99	95708	385300	6340910	58749.64	57997.87	99	102123
385250	6341010	58001.09	57284.28	99	95717	385300	6340905	58755.2	58003.81	99	102141
385250	6341015	57848.81	57132.53	99	95726	385300	6340900	58758.5	58007.35	99	102153
385250	6341020	57720.05	57004.22	99	95735	385300	6340895	58761.29	58009.64	99	102208
385250	6341025	57552.81	56837.75	99	95744	385300	6340890	58763.63	58018.7	99	102223
385250	6341030	57255.22	56540.75	99	95753	385300	6340885	58766.4	58024.25	99	102232
385250	6341035	56929.66	56211.82	99	95811	385300	6340880	58765.65	58025.89	99	102244
385250	6341040	56404.72	55681.42	99	95820	385300	6340875	58766.39	58031.68	99	102256
385250	6341045	55877.57	55153.59	99	95829	385300	6340870	58765	58033.91	99	102308
385250	6341050	54762.24	54035.04	99	95841	385300	6340865	58763.25	58035.04	99	102323
385300	6341200	58665.28	57935.94	99	100320	385300	6340860	58758.02	58028.03	99	102332
385300	6341195	58646.76	57927.82	99	100353	385300	6340855	58764.75	58032.4	99	102344
385300	6341190	58635.49	57922.23	99	100411	385300	6340850	58768.38	58036.33	99	102353
385300	6341185	58629.15	57915.31	99	100423	385105	6351115	57973.36	57321.29	99	3356
385300	6341180	58628.32	57911.36	99	100432	385110	6351115	57720.04	57069.1	99	3414
385300	6341175	58608.15	57892.63	99	100450	385115	6351115	56688.82	56037.6	69	3426
385300	6341170	58567.66	57848.87	99	100502	385120	6351115	56019.18	55367.54	69	3438
385300	6341165	58539.56	57819.48	99	100511	385125	6351115	57247.41	56593.62	99	3450
385300	6341160	58559.17	57836.53	99	100520	385130	6351115	57180.56	56523.13	99	3502
385300	6341155	58565.54	57838.99	99	100529	385135	6351115	56982.13	56324.32	99	3511
385300	6341150	58563.94	57835.1	99	100541	385140	6351115	56739.36	56079.42	99	3526
385300	6341145	58570.41	57842.32	99	100550	385145	6351115	56662.24	56000.9	99	3535
385300	6341140	58580.88	57853.2	99	100605	385150	6351115	56535.09	55870.66	99	3544
385300	6341135	58583.09	57851.21	99	100617	385155	6351115	56320.75	55656.41	99	3556
385300	6341130	58579.73	57848.13	99	100629	385160	6351115	56216.31	55552.26	99	3608
385300	6341125	58575.08	57836.3	99	100644	385165	6351115	56071.53	55407.91	99	3623
385300	6341120	58575.04	57839.72	99	100659	385170	6351115	55938.4	55275.53	99	3632
385300	6341115	58566.58	57836.68	99	100714	385175	6351115	55884.41	55220.29	99	3641
385300	6341110	58534.59	57814.58	99	100735	385180	6351115	55701.68	55036.93	99	3653
385300	6341105	58462.87	57747.97	99	100747	385185	6351115	54864.98	54199.12	99	3702
385300	6341100	58485.82	57774.06	99	100802	385175	6351150	56839.72	56178.88	69	4726
385300	6341095	58473.3	57757.56	99	100814	385170	6351150	56364.65	55702.54	99	4735
385300	6341090	58464.34	57743.96	99	100826	385165	6351150	56023.5	55361.11	99	4744
385300	6341085	58458.98	57734.06	99	100841	385160	6351150	56173.58	55512.07	99	4753
385300	6341080	58459.97	57721.96	99	100908	385155	6351150	56396.25	55735.01	99	4802
385300	6341075	58449.02	57704.43	99	100929	385150	6351150	56670.04	56008.35	99	4811
385300	6341070	58455.37	57714.64	99	100950	385145	6351150	57341.09	56676.75	99	4823
385300	6341065	58446.63	57710.93	99	101005	385140	6351150	57920.07	57255.73	99	4832
385300	6341060	58471.61	57736.15	99	101017	385135	6351150	58249.74	57585.6	99	4841
385300	6341055	58483.29	57764.42	99	101111	385130	6351150	57338.36	56675.61	99	4908
385300	6341050	58488.6	57764.99	99	101129	385125	6351150	57773.93	57108.92	99	4917
385300	6341045	58482.03	57756.39	99	101429	385120	6351150	58023.75	57360.99	99	4929
385300	6341040	58488.67	57757.01	99	101441	385115	6351150	58155.74	57497.07	99	4941
385300	6341035	58519.29	57785.73	99	101453	385110	6351150	58333.83	57674.48	99	4959
385300	6341030	58532.55	57793.31	99	101502	385105	6351150	58270.6	57606.37	99	5011

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
385100	6351150	58326.77	57660.69	99	5023	385210	6351150	57358.87	56691.1	99	11838
385100	6351200	58525.75	57860.95	99	5314	385210	6351145	57310.21	56641.71	99	11853
385105	6351200	58498.38	57835.14	99	5341	385210	6351140	57982.75	57309.68	19	11920
385110	6351200	58484.27	57821.6	99	5359	385300	6340925	58744.18	57997.22	99	102720
385115	6351200	58455.9	57794.4	99	5411	385295	6340925	58735.02	57993.77	99	102747
385120	6351200	58445.02	57779.43	99	5426	385290	6340925	58731.43	57996.23	99	102805
385125	6351200	58421.95	57754.69	99	5438	385285	6340925	58729.6	57996.21	99	102850
385130	6351200	58362.7	57694.44	99	5450	385280	6340925	58727.53	57991.24	99	102908
385135	6351200	58252.25	57583.03	99	5505	385275	6340925	58728.74	57983.3	99	102947
385140	6351200	57797.98	57129.19	99	5517	385270	6340925	58725.76	57975.35	99	103023
385145	6351200	56232.48	55562.43	49	5526	385265	6340925	58715.73	57983.16	99	103117
385150	6351200	58637.21	57965.56	89	5535	385260	6340925	58711.33	57982.46	99	103156
385155	6351200	58848.23	58173.61	99	5547	385255	6340925	58712.71	57981.81	99	103223
385160	6351200	58719.69	58042.69	99	5559	385250	6340925	58711.33	57975.86	99	103241
385165	6351200	58622.08	57947.15	99	5611	385245	6340925	58708.69	57966.93	99	103314
385170	6351200	58578.93	57906.43	99	5620	385240	6340925	58700.54	57960.59	99	103332
385175	6351200	58526.24	57853.06	99	5629	385235	6340925	58695.73	57958.05	99	103344
385180	6351200	58430.37	57755.93	99	5638	385230	6340925	58688.4	57959.92	99	103411
385185	6351200	58459.56	57786.73	99	5647	385225	6340925	58685.19	57967.25	99	103456
385190	6351200	58575.46	57903.63	99	5656	385220	6340925	58682.44	57967.5	99	103532
385195	6351200	58724.97	58053.28	99	5705	385215	6340925	58682.56	57960.86	99	103602
385200	6351200	58854.82	58179.63	99	5714	385210	6340925	58680.65	57954.92	99	103620
385205	6351200	58860.55	58182.82	99	5723	385205	6340925	58677.96	57947.44	99	103641
385210	6351200	58717.79	58040.76	99	5732	385200	6340925	58675.63	57941.78	99	103702
385215	6351200	58500.17	57826.38	99	5741	385195	6340925	58676.01	57941.09	99	103717
385220	6351200	57654.72	56980.87	99	5756	385190	6340925	58674.36	57941.55	99	103738
385225	6351200	57654.95	56983.49	99	5808	385185	6340925	58656.89	57924.06	99	103750
385230	6351200	57882.01	57216.81	99	5847	385180	6340925	58592.57	57862.87	99	103802
385235	6351200	58048.84	57383.62	99	5859	385175	6340925	58456.43	57727.61	99	103814
385240	6351200	58154.42	57488.38	99	5911	385170	6340925	57821.69	57094.55	99	103826
385245	6351200	58177.27	57510.62	99	5923	385165	6340925	52671.87	51945.79	19	103838
385250	6351200	58184.8	57518.12	99	5935	385160	6340925	51945.99	51218.74	9	103850
385255	6351200	58210.1	57544.71	99	5947	385155	6340925	56763.9	56039.32	69	103953
385260	6351200	58418.69	57754.6	99	5959	385150	6340925	57442.24	56717.57	99	104008
385265	6351200	58423.39	57757.95	99	10014	385145	6340925	58354.08	57629.56	99	104020
385270	6351200	58470.95	57807.11	99	10026	385140	6340925	58575.59	57851.61	99	104032
385275	6351200	58507.7	57842.65	99	10044	385135	6340925	58601.07	57877.19	99	104041
385280	6351200	58543.25	57879.18	99	10114	385130	6340925	58596.42	57867.85	99	104053
385285	6351200	58554.16	57889.73	99	10126	385125	6340925	58573.44	57845.58	99	104105
385290	6351200	58571.65	57905.37	99	10141	385120	6340925	58410.76	57680.48	99	104120
385295	6351200	58587.06	57920.36	99	10156	385115	6340925	58456.29	57724.44	99	104129
385300	6351200	58603.23	57932.99	99	10229	385110	6340925	58554.56	57823.05	99	104141
385300	6351100	58428.63	57750.18	99	10650	385105	6340925	58548.17	57815.05	99	104153
385295	6351100	58395.28	57718.18	99	10702	385100	6340925	58591.69	57857.31	99	104205
385290	6351100	58353.78	57679.36	99	10714	385095	6340925	58651.28	57918.8	99	104217
385285	6351100	58316.91	57643.67	99	10726	385090	6340925	58674.17	57942.74	99	104229
385280	6351100	58293.92	57621.68	99	10741	385085	6340925	58685.73	57956.23	99	104241
385275	6351100	58043.01	57371.92	39	10753	385080	6340925	58693.06	57967.65	99	104256
385270	6351100	56702.26	56032.2	9	10850	385075	6340925	58697.43	57973.98	99	104317
385265	6351100	57548.91	56881.05	9	10923	385070	6340925	58702.59	57982.32	99	104347
385260	6351100	56670.33	56001.33	19	10953	385065	6340925	58721.89	58001.18	99	104405
385255	6351100	56251.15	55586.29	19	11017	385060	6340925	58735.26	58015.29	99	104420
385250	6351100	56094.26	55428.62	9	11041	385055	6340925	58754.54	58033.6	99	104432
385245	6351100	56204.28	55540.21	19	11105	385050	6340925	58742	58021.98	99	104450
385240	6351100	56444.72	55780.81	99	11117	385125	6340850	58755.65	58003.08	99	130632
385235	6351100	56317.7	55652.92	29	11144	385125	6340855	58744.85	57988.15	99	130641
385230	6351100	55896.12	55230.55	19	11208	385125	6340860	58736.2	57978.63	99	130653
385225	6351100	55201.75	54530.65	9	11232	385125	6340865	58730.23	57969.79	99	130702
385210	6351200	58714.28	58049.32	99	11556	385125	6340870	58726.15	57964.13	99	130711
385210	6351195	58637.27	57973.14	99	11608	385125	6340875	58721.05	57960.15	99	130720
385210	6351190	58484.05	57817.53	99	11620	385125	6340880	58715.02	57954.32	99	130729
385210	6351185	58382.86	57714.18	99	11632	385125	6340885	58711.32	57948.48	99	130738
385210	6351180	58334.22	57664.79	99	11641	385125	6340890	58724.43	57962.02	99	130747
385210	6351175	58304.24	57636.52	99	11705	385125	6340895	58742.28	57980.49	99	130753
385210	6351170	58312.13	57645.95	99	11717	385125	6340900	58779.11	58017.47	99	130759
385210	6351165	58691.17	58024.95	59	11759	385125	6340905	58864.08	58101.91	99	130808
385210	6351160	58051.8	57384.58	99	11808	385125	6340910	59024.41	58261.25	99	130817
385210	6351155	57722.22	57053.25	99	11826	385125	6340915	59080.72	58320.16	99	130826

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
385125	6340920	58869.08	58105.64	99	130835	385800	6340410	58769.69	58053.48	99	85747
385125	6340925	58666.87	57899.36	99	130844	385800	6340415	58771.48	58054.95	99	85759
385125	6340930	58381.34	57614.56	99	130853	385800	6340420	58774.01	58057.38	99	85808
385125	6340935	58385.41	57618.56	99	130902	385800	6340425	58772.33	58055.84	99	85817
385125	6340940	58395.58	57627.29	99	130911	385800	6340430	58773.17	58056.34	99	85838
385125	6340945	58087.42	57318.36	99	130920	385800	6340435	58770.09	58054.11	99	85859
385125	6340950	57711.94	56942.1	99	130929	385800	6340440	58770.46	58053.42	99	85917
385125	6340955	58051.3	57280.72	99	130938	385800	6340445	58768.47	58052.05	99	85938
385125	6340960	57992.63	57220.61	99	130947	385800	6340450	58769.1	58053.74	99	85959
385125	6340965	57575.95	56803	99	130959	385800	6340455	58769.24	58051.94	99	90020
385125	6340970	57636.85	56862.98	99	131008	385800	6340460	58770.21	58052.75	99	90032
385125	6340975	56921.76	56148.1	99	131017	385800	6340465	58769.5	58052.35	99	90041
385175	6341010	56792.77	55998.63	99	131205	385800	6340470	58768.77	58052.27	99	90050
385175	6341005	57355.61	56558.61	99	131217	385800	6340475	58769.03	58052.99	99	90059
385175	6341000	57704.81	56905.11	99	131226	385800	6340480	58769	58052.72	99	90111
385175	6340995	57984.99	57182.99	99	131235	385800	6340485	58769.29	58052.02	99	90129
385175	6340990	58130.5	57326.04	99	131244	385800	6340490	58769.38	58052.47	99	90150
385175	6340985	58257.72	57451.12	99	131253	385800	6340495	58770.23	58052.31	99	90211
385175	6340980	58343.32	57536.38	99	131302	385800	6340500	58771.94	58053.6	99	90244
385175	6340975	58455.22	57646.12	99	131314	385800	6340505	58767.73	58050.15	99	90256
385175	6340970	58476.54	57667.98	99	131323	385800	6340510	58775.26	58057.36	99	90308
385175	6340965	58522.87	57714.47	99	131332	385800	6340515	58787.66	58069.15	99	90320
385175	6340960	58564.07	57758.82	99	131344	385800	6340520	58791.05	58073.11	99	90329
385175	6340955	58604.3	57800.15	99	131353	385800	6340525	58692.61	57975.61	99	90338
385175	6340950	58654.45	57848.33	99	131405	385800	6340530	58677.68	57960.93	99	90350
385175	6340945	58704.16	57896.68	99	131414	385800	6340535	58753.61	58035.72	99	90402
385175	6340940	58741.08	57935.79	99	131435	385800	6340540	58759.2	58041.01	99	90414
385175	6340935	58719.57	57913.09	99	131444	385800	6340545	58756.98	58039.11	99	90423
385175	6340930	58654.88	57847.97	99	131453	385800	6340550	58757.58	58040.08	99	90432
385175	6340925	58545.39	57737.46	99	131502	385800	6340555	58762.79	58046.31	99	90444
385175	6340920	58401.21	57588.23	99	131514	385800	6340560	58761.5	58044.66	99	90453
385175	6340915	57107.88	56290.6	49	131523	385800	6340565	58752.61	58035.01	99	90502
385175	6340910	52419.47	51598.44	19	131532	385800	6340570	58741.09	58023.5	99	90511
385175	6340905	51472.06	50649.61	19	131544	385800	6340575	58753.08	58036.09	99	90523
385175	6340900	57941.9	57118.5	39	131629	385800	6340580	58757.39	58041.09	99	90532
385175	6340895	59799.9	58978.04	99	131641	385800	6340585	58759.66	58043.35	99	90541
385175	6340890	60065.56	59245.84	99	131650	385800	6340590	58761.13	58044.07	99	90550
385175	6340885	61193.29	60373.69	79	131705	385800	6340595	58760.59	58042.57	99	90559
385175	6340880	60388.15	59563.03	69	131805	385800	6340600	58760.37	58042.46	99	90608
385175	6340875	58829.38	58004.42	99	131817	385800	6340605	58760.33	58043.58	99	90617
385175	6340870	58476.07	57652.02	99	131829	385800	6340610	58758.67	58042.27	99	90626
385175	6340865	58550.22	57725.15	99	131838	385800	6340615	58758.19	58041.72	99	90635
385175	6340860	58631.82	57804.18	99	131847	385800	6340620	58755.47	58039.35	99	90644
385175	6340855	58679.5	57850.87	99	131859	385800	6340625	58755.92	58040.66	99	90653
385175	6340850	58716.52	57888.75	99	131908	385800	6340630	58755.26	58040.15	99	90705
LEGEND KIMBERLITE						385800	6340635	58757.85	58042.34	99	90717
385800	6340300	58775.92	58059.58	99	85247	385800	6340640	58755.02	58040.15	99	90726
385800	6340305	58774.86	58057.73	99	85302	385800	6340645	58753.69	58038.73	99	90735
385800	6340310	58774.2	58057.38	99	85311	385800	6340650	58753.69	58038.22	99	90747
385800	6340315	58773.7	58057.86	99	85323	385800	6340655	58756.64	58040.38	99	90805
385800	6340320	58773.84	58058.07	99	85332	385800	6340660	58752.74	58036.66	99	90817
385800	6340325	58773.96	58057.99	99	85344	385800	6340665	58753.01	58037.12	99	90829
385800	6340330	58773.53	58056.03	99	85402	385800	6340670	58750.99	58034.67	99	90841
385800	6340335	58773.5	58055.34	99	85411	385800	6340675	58750	58033.32	99	90850
385800	6340340	58774.55	58056.53	99	85423	385800	6340680	58751.23	58033.81	99	90920
385800	6340345	58773.3	58055.89	99	85435	385800	6340685	58750.29	58033.5	99	90950
385800	6340350	58774.29	58055.82	99	85450	385800	6340690	58751.18	58034.3	99	91005
385800	6340355	58773.42	58053.79	99	85502	385800	6340695	58750.13	58034.29	99	91014
385800	6340360	58775.13	58055.5	99	85514	385800	6340700	58750.36	58035.32	99	91026
385800	6340365	58775.88	58056.26	99	85526	385800	6340705	58749.07	58033.03	99	91038
385800	6340370	58776.55	58057.55	99	85544	385800	6340710	58749.64	58032.86	99	91047
385800	6340375	58774.97	58055.31	99	85556	385800	6340715	58748.87	58032.46	99	91056
385800	6340380	58775.37	58056.17	99	85614	385800	6340720	58748.42	58033.09	99	91108
385800	6340385	58772.26	58053.79	99	85629	385800	6340725	58746.54	58030.89	99	91120
385800	6340390	58776.36	58058.81	99	85644	385800	6340730	58746.87	58031	99	91132
385800	6340395	58771.85	58053.06	99	85702	385800	6340735	58746.09	58030.49	99	91141
385800	6340400	58775.45	58058.16	99	85720	385800	6340740	58745.05	58029.65	99	91150
385800	6340405	58776.63	58060.35	99	85735	385800	6340745	58744.17	58029.14	99	91202

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
385800	6340750	58751.39	58036.43	99	91214	385800	6341090	58754.14	58039.14	99	92941
385800	6340755	58751.47	58035.79	99	91229	385800	6341095	58753.28	58039.18	99	92956
385800	6340760	58752.18	58035.74	99	91241	385800	6341100	58753.52	58039.35	99	93008
385800	6340765	58745.67	58028.62	99	91256	385850	6341100	58757.06	58041.82	99	93135
385800	6340770	58748.53	58031.64	99	91308	385850	6341095	58756.66	58040.57	99	93156
385800	6340775	58748.36	58031.3	99	91317	385850	6341090	58754.74	58037.99	99	93211
385800	6340780	58748.7	58030.2	99	91332	385850	6341085	58753.22	58036.79	99	93226
385800	6340785	58746.11	58027.08	99	91344	385850	6341080	58752.58	58035.45	99	93244
385800	6340790	58745.06	58027.05	99	91359	385850	6341075	58751.19	58034.03	99	93253
385800	6340795	58747.43	58030.05	99	91408	385850	6341070	58749.36	58031.73	99	93314
385800	6340800	58748.56	58031.21	99	91420	385850	6341065	58749.15	58032.74	99	93347
385800	6340805	58749.39	58031.57	99	91435	385850	6341060	58748.17	58031.96	99	93359
385800	6340810	58746.27	58029.07	99	91517	385850	6341055	58747.32	58030.83	99	93417
385800	6340815	58746	58030.18	99	91547	385850	6341050	58749.4	58032.51	99	93432
385800	6340820	58745.87	58029.48	99	91605	385850	6341045	58749.64	58033.18	99	93453
385800	6340825	58746.88	58029.9	99	91617	385850	6341040	58749.72	58034.39	99	93508
385800	6340830	58745.88	58029.82	99	91650	385850	6341035	58748.41	58033.29	99	93517
385800	6340835	58743.58	58027.27	99	91714	385850	6341030	58747.66	58032.19	99	93529
385800	6340840	58745.78	58028.85	99	91729	385850	6341025	58747.58	58032.35	99	93538
385800	6340845	58745.5	58028.8	99	91744	385850	6341020	58744.56	58029.67	99	93556
385800	6340850	58745.64	58029.89	99	91759	385850	6341015	58747.96	58032.06	99	93608
385800	6340855	58744.37	58028.09	99	91814	385850	6341010	58749.55	58032.93	99	93629
385800	6340860	58745.4	58028.92	99	91829	385850	6341005	58746.71	58031.77	99	93702
385800	6340865	58747.47	58031.24	99	91847	385850	6341000	58747.07	58031.91	99	93723
385800	6340870	58744.67	58027.43	99	91905	385850	6340995	58747.94	58033.15	99	93735
385800	6340875	58746.23	58029.22	99	91917	385850	6340990	58748.13	58033.49	99	93747
385800	6340880	58744.62	58027.78	99	91929	385850	6340985	58746.33	58030.63	99	93802
385800	6340885	58744.91	58034.64	99	91944	385850	6340980	58746.54	58030.76	99	93820
385800	6340890	58744.26	58029.09	99	91956	385850	6340975	58747.59	58032.61	99	93838
385800	6340895	58743.06	58028.63	99	92008	385850	6340970	58745.87	58030.61	99	93853
385800	6340900	58743.53	58025.91	99	92020	385850	6340965	58745.8	58030.45	99	93908
385800	6340905	58749.64	58030.73	99	92041	385850	6340960	58747.31	58033.06	99	93926
385800	6340910	58769.32	58051.7	99	92053	385850	6340955	58744.78	58029.72	99	93938
385800	6340915	58751.32	58034.46	99	92108	385850	6340950	58743.07	58026.98	99	93947
385800	6340920	58751.94	58034.25	99	92123	385850	6340945	58744.4	58028.51	99	93959
385800	6340925	58755.68	58038.79	99	92144	385850	6340940	58746.13	58031.58	99	94011
385800	6340930	58756.47	58039.76	99	92159	385850	6340935	58745.25	58031.18	99	94023
385800	6340935	58755.83	58038.38	99	92214	385850	6340930	58744.73	58029.9	99	94035
385800	6340940	58756.72	58039.67	99	92229	385850	6340925	58746.16	58030.99	99	94050
385800	6340945	58755.74	58038.63	99	92238	385850	6340920	58744.74	58030.29	99	94105
385800	6340950	58753.88	58036.79	99	92250	385850	6340915	58745.63	58031.14	99	94117
385800	6340955	58755.67	58039.08	99	92302	385850	6340910	58747.95	58032.65	99	94129
385800	6340960	58753.82	58036.57	99	92314	385850	6340905	58749.28	58033.85	99	94141
385800	6340965	58755.58	58038.39	99	92326	385850	6340900	58747.91	58033.11	99	94150
385800	6340970	58753.26	58036.89	99	92335	385850	6340895	58733.58	58019.68	99	94202
385800	6340975	58754.04	58037.88	99	92347	385850	6340890	58784.1	58069.35	99	94214
385800	6340980	58752.15	58034.77	99	92359	385850	6340885	58733.9	58018.97	99	94226
385800	6340985	58753.05	58034.1	99	92417	385850	6340880	58734.83	58020.86	99	94238
385800	6340990	58753.07	58034.9	99	92432	385850	6340875	58734.25	58020	99	94256
385800	6340995	58755.32	58036.9	99	92450	385850	6340870	58735.35	58020.3	99	94314
385800	6341000	58751.78	58034.77	99	92508	385850	6340865	58738.01	58023.71	99	94329
385800	6341005	58752.85	58037.37	99	92520	385850	6340860	58735.69	58021.2	99	94344
385800	6341010	58750.15	58033.35	99	92535	385850	6340855	58735.86	58020.02	99	94359
385800	6341015	58749.41	58032.56	99	92550	385850	6340850	58737	58021.45	99	94411
385800	6341020	58749.58	58034.38	99	92559	385850	6340845	58738.42	58023.6	99	94426
385800	6341025	58748.54	58033.21	99	92620	385850	6340840	58735.58	58020.44	99	94444
385800	6341030	58748.25	58031.92	99	92638	385850	6340835	58737.73	58023.03	99	94456
385800	6341035	58748.38	58032.79	99	92650	385850	6340830	58737.31	58022.51	99	94505
385800	6341040	58748.11	58032.31	99	92702	385850	6340825	58737.81	58021.72	99	94520
385800	6341045	58748.99	58032.52	99	92720	385850	6340820	58737.81	58023.42	99	94544
385800	6341050	58750.02	58033.69	99	92738	385850	6340815	58735.42	58019.29	99	94605
385800	6341055	58750.54	58033.89	99	92802	385850	6340810	58737.57	58021.91	99	94617
385800	6341060	58750.96	58034.71	99	92817	385850	6340805	58733.79	58018.7	99	94632
385800	6341065	58750.5	58034.68	99	92826	385850	6340800	58736.29	58019.54	99	94647
385800	6341070	58752.16	58036.47	99	92838	385850	6340795	58735.76	58019.69	99	94702
385800	6341075	58752.53	58036.61	99	92847	385850	6340790	58736.86	58021.83	99	94714
385800	6341080	58752.2	58035.79	99	92902	385850	6340785	58736.18	58020.43	99	94723
385800	6341085	58754.11	58038.6	99	92926	385850	6340780	58735.67	58018.55	99	94735

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
385850	6340775	58738.32	58021.19	99	94747	385850	6340435	58768.89	58055.39	99	100423
385850	6340770	58737.8	58022.34	99	94759	385850	6340430	58767.97	58054.38	99	100435
385850	6340765	58738.62	58023.56	99	94814	385850	6340425	58766.11	58052.19	99	100447
385850	6340760	58737.91	58021.71	99	94832	385850	6340420	58770.03	58056.94	99	100505
385850	6340755	58738.39	58020.91	99	94850	385850	6340415	58771.17	58056.84	99	100523
385850	6340750	58738.52	58022.89	99	94908	385850	6340410	58765.75	58051.52	99	100535
385850	6340745	58738.92	58023.54	99	94935	385850	6340405	58766.24	58052.46	99	100553
385850	6340740	58739.9	58023.95	99	94953	385850	6340400	58772.72	58059.04	99	100605
385850	6340735	58740.73	58025.98	99	95008	385850	6340395	58772.14	58058.53	99	100620
385850	6340730	58743.81	58029.23	99	95017	385850	6340390	58772.53	58059.6	99	100705
385850	6340725	58742.12	58027.77	99	95032	385850	6340385	58771.01	58058.1	99	100714
385850	6340720	58741.7	58026.78	99	95050	385850	6340380	58773.6	58060.48	99	100738
385850	6340715	58744.15	58029.04	99	95108	385850	6340375	58772.34	58058.99	99	100747
385850	6340710	58742.83	58028.26	99	95129	385850	6340370	58768.49	58055.79	99	100814
385850	6340705	58742.98	58027.17	99	95150	385850	6340365	58767.91	58055.46	99	100829
385850	6340700	58747.19	58031.5	99	95220	385850	6340360	58766.52	58053.41	99	100847
385850	6340695	58749.6	58034.94	99	95238	385850	6340355	58768.64	58056.47	99	100859
385850	6340690	58751.94	58037.42	99	95250	385850	6340350	58769.87	58058.31	99	100911
385850	6340685	58742.94	58027.88	99	95308	385850	6340345	58769.18	58055.49	99	100929
385850	6340680	58743.02	58028.29	99	95320	385850	6340340	58771.67	58059.88	99	100956
385850	6340675	58746.58	58031.78	99	95335	385850	6340335	58770.14	58057.89	99	101011
385850	6340670	58746.7	58030.01	99	95356	385850	6340330	58773.19	58059.72	99	101026
385850	6340665	58747.22	58031.42	99	95411	385850	6340325	58773.91	58061.03	99	101041
385850	6340660	58748.05	58032.84	99	95423	385850	6340320	58771.76	58058.74	99	101059
385850	6340655	58750.02	58035.44	99	95438	385850	6340315	58771.57	58058.06	99	101108
385850	6340650	58752.81	58037.62	99	95453	385850	6340310	58772.04	58058.35	99	101120
385850	6340645	58749.17	58036.01	99	95514	385850	6340305	58769.39	58055.31	99	101129
385850	6340640	58752.26	58037.39	99	95535	385850	6340300	58769.45	58054.68	99	101141
385850	6340635	58751.29	58036	99	95550	385900	6340300	58768.15	58053.13	99	102059
385850	6340630	58753.14	58039.12	99	95602	385900	6340305	58768.1	58052.46	99	102111
385850	6340625	58752.49	58038.76	99	95614	385900	6340310	58769.85	58055.77	99	102129
385850	6340620	58752.08	58038.36	99	95623	385900	6340315	58769.24	58056.01	99	102141
385850	6340615	58748.4	58034.76	99	95635	385900	6340320	58770.59	58057.64	99	102150
385850	6340610	58751.27	58037.22	99	95647	385900	6340325	58771.18	58057.82	99	102159
385850	6340605	58751.77	58037.72	99	95656	385900	6340330	58767.31	58053.71	99	102214
385850	6340600	58751.23	58037.39	99	95705	385900	6340335	58767.66	58054.76	99	102232
385850	6340595	58752.38	58039.49	99	95717	385900	6340340	58766.89	58054.33	99	102250
385850	6340590	58752.84	58040.33	99	95726	385900	6340345	58768.58	58055.79	99	102302
385850	6340585	58755.03	58041.9	99	95735	385900	6340350	58768.15	58055.13	99	102323
385850	6340580	58754.19	58040.32	99	95744	385900	6340355	58766.03	58053.04	99	102332
385850	6340575	58755.7	58042.55	99	95756	385900	6340360	58767.66	58054.52	99	102344
385850	6340570	58755.33	58042.78	99	95805	385900	6340365	58769.39	58056.57	99	102359
385850	6340565	58755.36	58042.88	99	95814	385900	6340370	58771.19	58059.39	99	102411
385850	6340560	58750.61	58038	99	95823	385900	6340375	58775.44	58063.99	99	102420
385850	6340555	58747.45	58034.32	99	95832	385900	6340380	58766.53	58055.18	99	102435
385850	6340550	58731.12	58017.66	99	95844	385900	6340385	58764.2	58052.91	99	102447
385850	6340545	58750.35	58037.29	99	95853	385900	6340390	58772.39	58060.9	99	102502
385850	6340540	58754.13	58041.26	99	95902	385900	6340395	58766.02	58053.53	99	102517
385850	6340535	58754.63	58041.36	99	95911	385900	6340400	58766.78	58052.04	99	102529
385850	6340530	58752.87	58039.41	99	95920	385900	6340405	58765.82	58051.85	99	102544
385850	6340525	58751.96	58038.92	99	95929	385900	6340410	58765.17	58051.92	99	102556
385850	6340520	58757.97	58044.79	99	95938	385900	6340415	58766.67	58052.98	99	102614
385850	6340515	58849.68	58135.9	99	95947	385900	6340420	58765.44	58054.08	99	102635
385850	6340510	58800.92	58087.32	99	95959	385900	6340425	58765.69	58053.59	99	102653
385850	6340505	58769.01	58055.94	99	100008	385900	6340430	58765.54	58053.81	99	102705
385850	6340500	58769.09	58056.14	99	100017	385900	6340435	58767.02	58056.89	99	102726
385850	6340495	58768.17	58053.63	99	100044	385900	6340440	58768.15	58056.61	99	102753
385850	6340490	58765.83	58052.35	99	100105	385900	6340445	58768.17	58056.57	99	102808
385850	6340485	58763.13	58049.57	99	100117	385900	6340450	58767.96	58056.41	99	102826
385850	6340480	58763.42	58048.15	99	100132	385900	6340455	58771.9	58061.09	99	102850
385850	6340475	58766.12	58051.63	99	100153	385900	6340460	58769.6	58058.12	99	102859
385850	6340470	58770.42	58055.99	99	100208	385900	6340465	58768.45	58055.94	99	102911
385850	6340465	58766.89	58050.77	99	100229	385900	6340470	58769.28	58056.44	99	102920
385850	6340460	58765.75	58050.71	99	100247	385900	6340475	58769.45	58056.6	99	102932
385850	6340455	58767.19	58051.39	99	100317	385900	6340480	58768.78	58054.35	99	102950
385850	6340450	58768.44	58053.13	99	100332	385900	6340485	58801.84	58086.31	99	103002
385850	6340445	58770.61	58056.44	99	100353	385900	6340490	58968.23	58253.12	99	103008
385850	6340440	58771.87	58058.54	99	100414	385900	6340495	59403.27	58689.32	99	103017

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
385900	6340500	58905.96	58193.81	99	103032	385900	6340840	58724.73	58008.62	99	104747
385900	6340505	58757.78	58046.96	99	103047	385900	6340845	58724.3	58010.31	99	104823
385900	6340510	58757.61	58046.64	99	103056	385900	6340850	58723.61	58010.83	99	104832
385900	6340515	58761.58	58050.22	99	103108	385900	6340855	58782.75	58070.75	99	104844
385900	6340520	58765.66	58054.64	99	103120	385900	6340860	58742.07	58029.73	99	104856
385900	6340525	58764.54	58052.49	99	103135	385900	6340865	58739.57	58026.27	99	104905
385900	6340530	58760.08	58046.7	99	103144	385900	6340870	58740.56	58024.94	99	104920
385900	6340535	58765.5	58051.12	99	103153	385900	6340875	58740.24	58025.2	99	104935
385900	6340540	58769.54	58054.86	99	103205	385900	6340880	58742.63	58026.62	99	104956
385900	6340545	58771.37	58057.05	99	103214	385900	6340885	58740.05	58025.02	99	105014
385900	6340550	58771.67	58057.78	99	103223	385900	6340890	58739.79	58024.73	99	105026
385900	6340555	58768.55	58055.05	99	103232	385900	6340895	58740.31	58025.56	99	105038
385900	6340560	58767.37	58054.06	99	103241	385900	6340900	58741.39	58026.98	99	105050
385900	6340565	58763.01	58050.36	99	103250	385900	6340905	58740.7	58027.57	99	105105
385900	6340570	58761.31	58048.99	99	103259	385900	6340910	58737.73	58023.83	99	105123
385900	6340575	58759.97	58046.56	99	103308	385900	6340915	58740.07	58025.68	99	105138
385900	6340580	58758.15	58043.7	99	103317	385900	6340920	58738.06	58024.07	99	105150
385900	6340585	58757.04	58042.3	99	103326	385900	6340925	58739.82	58024.51	99	105214
385900	6340590	58755.32	58040.06	99	103335	385900	6340930	58738.44	58023.28	99	105226
385900	6340595	58751.28	58035.22	99	103344	385900	6340935	58737.48	58023.04	99	105238
385900	6340600	58754.72	58038.86	99	103359	385900	6340940	58739.12	58025.55	99	105253
385900	6340605	58749.11	58034.26	99	103408	385900	6340945	58740.88	58026.56	99	105305
385900	6340610	58747.24	58032.87	99	103417	385900	6340950	58744.09	58029.87	99	105314
385900	6340615	58747.1	58033.01	99	103426	385900	6340955	58743.26	58028.62	99	105326
385900	6340620	58744	58030.1	99	103435	385900	6340960	58739.62	58023.98	99	105338
385900	6340625	58740.92	58027.71	99	103444	385900	6340965	58739.82	58024.28	99	105353
385900	6340630	58742.84	58032.38	99	103505	385900	6340970	58740.76	58026.07	99	105405
385900	6340635	58739.39	58028.54	99	103517	385900	6340975	58741.28	58027.84	99	105417
385900	6340640	58739.18	58027.48	99	103526	385900	6340980	58740.09	58026.82	99	105429
385900	6340645	58738.2	58025.07	99	103538	385900	6340985	58741.61	58027.05	99	105441
385900	6340650	58736.71	58021.32	99	103556	385900	6340990	58745.02	58029.65	99	105450
385900	6340655	58736.25	58022.86	99	103638	385900	6340995	58744.74	58029.13	99	105502
385900	6340660	58737.22	58024.32	99	103653	385900	6341000	58746.42	58030.47	99	105514
385900	6340665	58732.53	58020.83	99	103729	385900	6341005	58745.62	58028.14	99	105535
385900	6340670	58730.36	58017.44	99	103741	385900	6341010	58746.84	58029.38	99	105553
385900	6340675	58732.2	58017.19	99	103817	385900	6341015	58746.82	58032.06	99	105608
385900	6340680	58730.69	58019.4	99	103847	385900	6341020	58748.66	58034.62	99	105638
385900	6340685	58731.86	58019.56	99	103905	385900	6341025	58747.96	58034.52	99	105708
385900	6340690	58730.96	58018.74	99	103914	385900	6341030	58748.4	58034.12	99	105729
385900	6340695	58729.85	58018.23	99	103929	385900	6341035	58749.91	58035.9	99	105759
385900	6340700	58729.61	58017.2	99	103944	385900	6341040	58751.07	58037.34	99	105811
385900	6340705	58728.23	58013.54	99	103956	385900	6341045	58749.19	58035.63	99	105820
385900	6340710	58729.68	58012.24	99	104029	385900	6341050	58747.09	58033.39	99	105832
385900	6340715	58734.66	58021.7	99	104047	385900	6341055	58747.05	58034.12	99	105847
385900	6340720	58727.1	58014.37	99	104105	385900	6341060	58746.77	58032.63	99	105902
385900	6340725	58731.42	58019.26	99	104135	385900	6341065	58746.61	58031.03	99	105911
385900	6340730	58724.11	58010.96	99	104153	385900	6341070	58746.65	58029.86	99	105920
385900	6340735	58729.35	58016.11	99	104247	385900	6341075	58747.35	58029.79	99	105935
385900	6340740	58726.23	58013.33	99	104259	385900	6341080	58745.92	58028.37	99	105947
385900	6340745	58726.4	58013.36	99	104308	385900	6341085	58748.68	58032.27	99	110002
385900	6340750	58728.34	58015.06	99	104323	385900	6341090	58747.29	58031.43	99	110017
385900	6340755	58726.65	58013.24	99	104335	385900	6341095	58749.4	58034.28	99	110026
385900	6340760	58726.35	58013.62	99	104347	385900	6341100	58749.05	58035.26	99	110053
385900	6340765	58729.7	58015.75	99	104359	385950	6341100	58744.36	58029.84	99	110308
385900	6340770	58733.91	58018.51	99	104408	385950	6341095	58743.05	58028.18	99	110326
385900	6340775	58728.22	58013.67	99	104420	385950	6341090	58744.74	58029.5	99	110338
385900	6340780	58727.22	58013.73	99	104432	385950	6341085	58743.77	58029.84	99	110350
385900	6340785	58727.36	58013.77	99	104450	385950	6341080	58742.93	58029.46	99	110359
385900	6340790	58728.09	58013.35	99	104505	385950	6341075	58743.78	58029.13	99	110414
385900	6340795	58728.09	58013.37	99	104523	385950	6341070	58745.22	58028.63	99	110429
385900	6340800	58728.02	58014.12	99	104538	385950	6341065	58744.2	58025.62	99	110441
385900	6340805	58727.17	58013.6	99	104559	385950	6341060	58745.92	58028.38	99	110456
385900	6340810	58729.83	58017.01	99	104629	385950	6341055	58744.2	58027.63	99	110508
385900	6340815	58728.44	58015.65	99	104638	385950	6341050	58744.63	58028.04	99	110517
385900	6340820	58726.97	58013.58	99	104650	385950	6341045	58743.95	58027.02	99	110532
385900	6340825	58728.74	58013.4	99	104708	385950	6341040	58743.55	58027.79	99	110544
385900	6340830	58730.37	58014.2	99	104720	385950	6341035	58746.02	58032.89	99	110559
385900	6340835	58730.42	58014.57	99	104735	385950	6341030	58748.61	58035.44	99	110611

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
385950	6341025	58746.69	58032.22	99	110629	385950	6340685	58722.81	58004.28	99	112129
385950	6341020	58746.82	58031.75	99	110644	385950	6340680	58724.79	58004.62	99	112144
385950	6341015	58746.78	58031.85	99	110659	385950	6340675	58727.83	58007.38	99	112159
385950	6341010	58745.05	58028.22	99	110714	385950	6340670	58728.87	58008.49	99	112214
385950	6341005	58746.61	58029.88	99	110723	385950	6340665	58728.85	58009.69	99	112226
385950	6341000	58744.99	58029.51	99	110732	385950	6340660	58730.01	58013.02	99	112247
385950	6340995	58744.75	58029.75	99	110747	385950	6340655	58733.78	58019.1	99	112305
385950	6340990	58743.33	58029.31	99	110759	385950	6340650	58732.31	58018.11	99	112323
385950	6340985	58742.43	58029.21	99	110817	385950	6340645	58732.88	58018.43	99	112341
385950	6340980	58741.71	58027.09	99	110829	385950	6340640	58736.67	58021.05	99	112356
385950	6340975	58739.54	58023.45	99	110847	385950	6340635	58737.86	58022.14	99	112405
385950	6340970	58740.14	58025.87	99	110902	385950	6340630	58738.99	58024.31	99	112417
385950	6340965	58740.24	58025.35	99	110917	385950	6340625	58740.91	58026.32	99	112429
385950	6340960	58739.59	58022.62	99	110929	385950	6340620	58745.93	58029.79	99	112453
385950	6340955	58739.35	58022.61	99	110941	385950	6340615	58745.13	58027.02	99	112508
385950	6340950	58738.24	58022.65	99	110953	385950	6340610	58742.93	58024.44	99	112520
385950	6340945	58736.67	58023.06	99	111011	385950	6340605	58750.33	58033.27	99	112532
385950	6340940	58734.67	58021.33	99	111020	385950	6340600	58752.79	58036.94	99	112602
385950	6340935	58734.96	58022.14	99	111032	385950	6340595	58757.97	58040.54	99	112620
385950	6340930	58734.05	58020.77	99	111044	385950	6340590	58766.04	58049.12	99	112632
385950	6340925	58732.18	58018.05	99	111059	385950	6340585	58771.56	58054.94	99	112641
385950	6340920	58733.29	58017.97	99	111111	385950	6340580	58778.58	58061.74	99	112653
385950	6340915	58731.48	58015.29	99	111123	385950	6340575	58786.11	58069.9	99	112705
385950	6340910	58732.58	58016.21	99	111135	385950	6340570	58792.7	58076.37	99	112714
385950	6340905	58730.58	58014.48	99	111144	385950	6340565	58799.52	58083.29	99	112726
385950	6340900	58731.26	58015.8	99	111156	385950	6340560	58803.98	58089.4	99	112738
385950	6340895	58731.03	58015.07	99	111208	385950	6340555	58806.63	58092.3	99	112750
385950	6340890	58729.52	58012.79	99	111220	385950	6340550	58807.32	58093.02	99	112759
385950	6340885	58729.9	58013.1	99	111232	385950	6340545	58804.52	58090.49	99	112808
385950	6340880	58729.2	58013.72	99	111247	385950	6340540	58797.64	58083.39	99	112823
385950	6340875	58729.77	58014.35	99	111259	385950	6340535	58796.65	58081.23	99	112829
385950	6340870	58728.53	58011.86	99	111311	385950	6340530	58791.81	58074.67	99	112838
385950	6340865	58727.76	58010.85	99	111323	385950	6340525	58788.4	58071.21	99	112847
385950	6340860	58726.24	58010.28	99	111332	385950	6340520	58783.08	58066.8	99	112856
385950	6340855	58723.51	58008.08	99	111341	385950	6340515	58781.16	58064.88	99	112905
385950	6340850	58725.53	58009.8	99	111353	385950	6340510	58778.88	58062.01	99	112914
385950	6340845	58730.06	58014.24	99	111405	385950	6340505	58780.07	58062.54	99	112923
385950	6340840	58736.26	58020.87	99	111423	385950	6340500	58776.05	58057.91	99	112932
385950	6340835	58755.1	58040.84	99	111435	385950	6340495	58771.44	58052.51	99	112941
385950	6340830	58724.66	58010.12	99	111450	385950	6340490	58765.51	58046.06	99	112953
385950	6340825	58707.07	57990.37	99	111505	385950	6340485	58778.88	58059.67	99	113002
385950	6340820	58713.78	57995.64	99	111547	385950	6340480	59164.39	58446.12	99	113011
385950	6340815	58718	57999.66	99	111605	385950	6340475	58992.67	58276.06	99	113026
385950	6340810	58718.53	58001.28	99	111617	385950	6340470	58800.66	58083.49	99	113038
385950	6340805	58717.23	58001.15	99	111635	385950	6340465	58775.77	58057.95	99	113056
385950	6340800	58719.6	58003.05	99	111647	385950	6340460	58774.69	58057.07	99	113108
385950	6340795	58721.12	58003.66	99	111659	385950	6340455	58777.47	58063.16	99	113132
385950	6340790	58720.14	58003.31	99	111708	385950	6340450	58774.86	58059.93	99	113153
385950	6340785	58722.86	58007.6	99	111717	385950	6340445	58775.53	58061.17	99	113223
385950	6340780	58721.96	58006.97	99	111732	385950	6340440	58770.42	58059	99	113250
385950	6340775	58722.84	58007.66	99	111744	385950	6340435	58770.99	58058.48	99	113305
385950	6340770	58720.37	58005.3	99	111756	385950	6340430	58770.89	58057.99	99	113317
385950	6340765	58719.01	58003.44	99	111814	385950	6340425	58771.13	58059.04	99	113347
385950	6340760	58717.44	58001.72	99	111829	385950	6340420	58773.77	58063.15	99	113402
385950	6340755	58718.81	58004.59	99	111844	385950	6340415	58771.65	58060.39	99	113417
385950	6340750	58717.17	58003.31	99	111859	385950	6340410	58770.43	58057.68	99	113438
385950	6340745	58721.7	58006.6	99	111914	385950	6340405	58769.89	58058.14	99	113447
385950	6340740	58721.26	58004.66	99	111923	385950	6340400	58773.46	58064.23	99	113459
385950	6340735	58719.37	58002.12	99	111935	385950	6340395	58771.05	58061.79	99	113511
385950	6340730	58717.32	58000.72	99	111947	385950	6340390	58770.57	58059.6	99	113520
385950	6340725	58717.97	58003.11	99	111959	385950	6340385	58771.12	58057.82	99	113532
385950	6340720	58716.03	58001.97	99	112008	385950	6340380	58771.25	58056.24	99	113544
385950	6340715	58716.64	58001.4	99	112020	385950	6340375	58775.9	58061.4	99	113556
385950	6340710	58715.68	57999.55	99	112032	385950	6340370	58771.71	58056.81	99	113608
385950	6340705	58714.49	57998.28	99	112044	385950	6340365	58773.71	58056.31	99	113623
385950	6340700	58716.46	58001.16	99	112053	385950	6340360	58772.99	58054.89	99	113638
385950	6340695	58720.34	58005.22	99	112105	385950	6340355	58772.06	58054.25	99	113650
385950	6340690	58719.74	58003.52	99	112117	385950	6340350	58772.84	58053.86	99	113702

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
385950	6340345	58773.83	58053.12	99	113714	386000	6340590	58753.3	58036.51	99	115714
385950	6340340	58774.89	58055.88	99	113729	386000	6340595	58749.06	58030.29	99	115732
385950	6340335	58775.28	58056.11	99	113741	386000	6340600	58741.9	58023.42	99	115808
385950	6340330	58775.96	58056.09	99	113753	386000	6340605	58741.5	58023.32	99	115823
385950	6340325	58774.77	58055.85	99	113802	386000	6340610	58740.47	58022.58	99	115832
385950	6340320	58773.82	58056.48	99	113814	386000	6340615	58738.07	58019.47	99	115847
385950	6340315	58772.85	58055.07	99	113823	386000	6340620	58735.67	58017.05	99	115856
385950	6340310	58772.7	58055.7	99	113850	386000	6340625	58731.45	58013.12	99	115908
385950	6340305	58772.12	58055.36	99	113911	386000	6340630	58729.8	58019.86	99	115926
385950	6340300	58770.49	58053.16	99	113932	386000	6340635	58725.93	58007.39	99	115947
386000	6340300	58777.37	58058.48	99	114417	386000	6340640	58720.42	58003.32	99	120011
386000	6340305	58776.34	58057.33	99	114432	386000	6340645	58721.13	58003.72	99	120026
386000	6340310	58775.32	58057.68	99	114502	386000	6340650	58716.58	57999.83	99	120044
386000	6340315	58776.37	58057.51	99	114514	386000	6340655	58712.91	57995.06	99	120108
386000	6340320	58777.26	58059.4	99	114529	386000	6340660	58712.01	57994.65	99	120120
386000	6340325	58776.39	58058.97	99	114541	386000	6340665	58710.91	57995.37	99	120141
386000	6340330	58777.31	58060.23	99	114553	386000	6340670	58708.77	57992.32	99	120156
386000	6340335	58776.21	58059.34	99	114605	386000	6340675	58705.22	57988.19	99	120214
386000	6340340	58776.83	58059.52	99	114614	386000	6340680	58699.51	57982.84	99	120235
386000	6340345	58776.19	58057.85	99	114626	386000	6340685	58698.21	57981.27	99	120247
386000	6340350	58776.86	58059	99	114641	386000	6340690	58698.5	57981.65	99	120305
386000	6340355	58775.67	58058.51	99	114653	386000	6340695	58698.45	57982.54	99	120314
386000	6340360	58777.91	58060.2	99	114708	386000	6340700	58695.05	57979.88	99	120329
386000	6340365	58776.36	58057.27	99	114723	386000	6340705	58694.94	57977.96	99	120347
386000	6340370	58778.97	58059.93	99	114735	386000	6340710	58694.13	57978.32	99	120356
386000	6340375	58777.4	58059.13	99	114747	386000	6340715	58687.48	57971.93	99	120408
386000	6340380	58778.68	58060.83	99	114802	386000	6340720	58686.53	57970.63	99	120420
386000	6340385	58783.58	58064.6	99	114814	386000	6340725	58690.9	57975.74	99	120432
386000	6340390	58780.33	58060.22	99	114823	386000	6340730	58690.22	57975.36	99	120444
386000	6340395	58778.47	58057.96	99	114835	386000	6340735	58690.18	57974.54	99	120456
386000	6340400	58777.62	58058.45	99	114847	386000	6340740	58688.42	57971.74	99	120520
386000	6340405	58777.09	58058.87	99	114859	386000	6340745	58688.28	57972.63	99	120532
386000	6340410	58777.5	58058.52	99	114911	386000	6340750	58688.31	57972.36	99	120544
386000	6340415	58777.06	58058.71	99	114932	386000	6340755	58685.64	57968.09	99	120559
386000	6340420	58777.11	58058.65	99	114944	386000	6340760	58686.97	57968.76	99	120611
386000	6340425	58776.51	58058.66	99	114956	386000	6340765	58686.54	57968.5	99	120623
386000	6340430	58778.72	58061.92	99	115014	386000	6340770	58691.87	57974.84	99	120638
386000	6340435	58779.48	58061.23	99	115026	386000	6340775	58693.64	57976.16	99	120650
386000	6340440	58778.36	58059.29	99	115041	386000	6340780	58691.84	57974.15	99	120702
386000	6340445	58779.77	58061.74	99	115053	386000	6340785	58688.8	57971.85	99	120714
386000	6340450	58785.29	58067.65	99	115105	386000	6340790	58690.17	57973.25	99	120726
386000	6340455	58791.37	58072.2	99	115120	386000	6340795	58687.9	57971.05	99	120741
386000	6340460	58766.51	58046.86	99	115129	386000	6340800	58694.3	57976.72	99	120756
386000	6340465	58658.96	57940.44	99	115141	386000	6340805	58697.89	57979.93	99	120808
386000	6340470	58735.64	58016.7	99	115159	386000	6340810	58748.04	58030.06	99	120820
386000	6340475	58765.46	58046.82	99	115211	386000	6340815	58710.25	57991.99	99	120832
386000	6340480	58776.41	58058.59	99	115226	386000	6340820	58715.73	57997.34	99	120844
386000	6340485	58779.4	58060.3	99	115241	386000	6340825	58717.35	57999.83	99	120856
386000	6340490	58779.38	58061.23	99	115259	386000	6340830	58711.32	57992.94	99	120926
386000	6340495	58779.85	58062.9	99	115308	386000	6340835	58712.39	57994.68	99	120938
386000	6340500	58782.01	58063.78	99	115326	386000	6340840	58712.87	57996.27	99	120950
386000	6340505	58783.23	58062.66	99	115344	386000	6340845	58713.75	57997.18	99	121002
386000	6340510	58782.19	58062.75	99	115356	386000	6340850	58716.8	57998.71	99	121020
386000	6340515	58780.8	58064.18	99	115411	386000	6340855	58718.78	58000.6	99	121059
386000	6340520	58784.35	58067.01	99	115420	386000	6340860	58719.83	58001.87	99	121111
386000	6340525	58784.33	58063.77	99	115435	386000	6340865	58718.7	58001.01	99	121123
386000	6340530	58784.34	58063.95	99	115444	386000	6340870	58720.05	58002.22	99	121129
386000	6340535	58782.66	58063.86	99	115453	386000	6340875	58721.43	58003.02	99	121138
386000	6340540	58781	58062.95	99	115502	386000	6340880	58720.73	58002.01	99	121147
386000	6340545	58781.02	58062.31	99	115514	386000	6340885	58720.87	58002.84	99	121156
386000	6340550	58781.22	58061.84	99	115526	386000	6340890	58725.17	58008.78	99	121217
386000	6340555	58781.1	58061.67	99	115535	386000	6340895	58724.82	58007.82	99	121229
386000	6340560	58780.23	58060.63	99	115547	386000	6340900	58726.23	58010.71	99	121253
386000	6340565	58778.77	58059.02	99	115556	386000	6340905	58725.83	58010.45	99	121259
386000	6340570	58775.98	58056.82	99	115608	386000	6340910	58729.74	58013.38	99	121314
386000	6340575	58774.29	58055.55	99	115620	386000	6340915	58731.44	58014.67	99	121323
386000	6340580	58771.18	58051.78	99	115632	386000	6340920	58732.98	58016.1	99	121335
386000	6340585	58766.92	58046.75	99	115644	386000	6340925	58735.17	58017.59	99	121347

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
386000	6340930	58736.79	58019.36	99	121359	386050	6340935	58724.27	58006.91	99	123805
386000	6340935	58735.18	58017.03	99	121420	386050	6340930	58723.08	58004.89	99	123817
386000	6340940	58735.72	58016.63	99	121426	386050	6340925	58720	58003.11	99	123829
386000	6340945	58735.16	58015.84	99	121432	386050	6340920	58720.25	58004.16	99	123841
386000	6340950	58736.72	58019.09	99	121444	386050	6340915	58719.03	58001.11	99	123850
386000	6340955	58737.26	58020.64	99	121453	386050	6340910	58716.62	57997.86	99	123902
386000	6340960	58738.17	58020.58	99	121502	386050	6340905	58715.23	57997.47	99	123911
386000	6340965	58740.41	58021.27	99	121517	386050	6340900	58714.52	57998.85	99	123923
386000	6340970	58740.03	58022.11	99	121526	386050	6340895	58713.44	57995.82	99	123938
386000	6340975	58738.12	58021.3	99	121544	386050	6340890	58711.97	57993.1	99	123947
386000	6340980	58736.42	58018.49	99	121602	386050	6340885	58708.97	57990.82	99	123956
386000	6340985	58736.55	58018.03	99	121617	386050	6340880	58706.62	57990.34	99	124005
386000	6340990	58736.31	58018.37	99	121629	386050	6340875	58703.38	57987.3	99	124020
386000	6340995	58738.32	58019.99	99	121647	386050	6340870	58703.17	57984.95	99	124032
386000	6341000	58741.42	58023.33	99	121659	386050	6340865	58700.96	57982.05	99	124044
386000	6341005	58745.16	58026.47	99	121717	386050	6340860	58697.41	57979.5	99	124053
386000	6341010	58744.42	58024.33	99	121729	386050	6340855	58695.86	57979.94	99	124105
386000	6341015	58744.75	58024.98	99	121741	386050	6340850	58694.03	58007.94	99	124117
386000	6341020	58743.92	58024.82	99	121750	386050	6340845	58689.8	57972.98	99	124132
386000	6341025	58741.04	58022.49	99	121759	386050	6340840	58686.04	57968.74	99	124144
386000	6341030	58742.52	58023.95	99	121811	386050	6340835	58682.68	57965.45	99	124159
386000	6341035	58742.79	58022.55	99	121826	386050	6340830	58680.33	57964.4	99	124217
386000	6341040	58742.64	58023.42	99	121844	386050	6340825	58679.84	57968.24	99	124229
386000	6341045	58744.15	58025.63	99	121856	386050	6340820	58678.93	57962.84	99	124244
386000	6341050	58743.26	58023.23	99	121908	386050	6340815	58672.66	57957.24	99	124305
386000	6341055	58746.78	58027.32	99	121923	386050	6340810	58671.09	57953.25	99	124320
386000	6341060	58747.13	58029.01	99	121935	386050	6340805	58670.12	57952.97	99	124335
386000	6341065	58747.58	58028.9	99	121944	386050	6340800	58666.17	57950.96	99	124359
386000	6341070	58746.63	58026.71	99	121959	386050	6340795	58664.18	57948.85	99	124411
386000	6341075	58744.03	58025.9	99	122017	386050	6340790	58661.44	57945.97	99	124423
386000	6341080	58755.33	58037.5	99	122032	386050	6340785	58653.47	57938.03	99	124438
386000	6341085	58749.16	58029.78	99	122047	386050	6340780	58662.5	57947.25	99	124450
386000	6341090	58746.88	58027.64	99	122102	386050	6340775	58625.79	57909.41	99	124508
386000	6341095	58746.86	58029.86	99	122114	386050	6340770	58622.87	57906.38	99	124523
386000	6341100	58746.27	58028.45	99	122126	386050	6340765	58621.82	57905.31	99	124535
386050	6341100	58751.95	58034.23	99	123029	386050	6340760	58620.74	57914.75	99	124544
386050	6341095	58749.8	58032.39	99	123044	386050	6340755	58623.01	57905.37	99	124556
386050	6341090	58745.69	58027.26	99	123105	386050	6340750	58622.47	57907.16	99	124614
386050	6341085	58746.22	58028.3	99	123132	386050	6340745	58625.28	57909.35	99	124632
386050	6341080	58745.2	58028.43	99	123205	386050	6340740	58627.01	57910.48	99	124644
386050	6341075	58743.68	58027.21	99	123217	386050	6340735	58626.48	57911.36	99	124659
386050	6341070	58743.91	58026.81	99	123229	386050	6340730	58621.41	57906.64	99	124714
386050	6341065	58747.4	58030.72	99	123244	386050	6340725	58623.23	57907.12	99	124726
386050	6341060	58742.26	58026.15	99	123253	386050	6340720	58618.89	57902.19	99	124741
386050	6341055	58740.3	58024.25	99	123305	386050	6340715	58623.46	57911.93	99	124753
386050	6341050	58736.76	58019.96	99	123317	386050	6340710	58630.41	57912.63	99	124808
386050	6341045	58738.34	58022.17	99	123332	386050	6340705	58631.12	57913.42	99	124817
386050	6341040	58741.95	58025.23	99	123344	386050	6340700	58634.74	57916.73	99	124832
386050	6341035	58738.87	58020.16	99	123359	386050	6340695	58639.58	57921.19	99	124844
386050	6341030	58739.09	58021.38	99	123408	386050	6340690	58647.29	57927.98	99	124905
386050	6341025	58738.66	58022.49	99	123417	386050	6340685	58652.19	57933.24	99	124920
386050	6341020	58739.36	58023.23	99	123426	386050	6340680	58659.53	57940.92	99	124929
386050	6341015	58739.68	58021.2	99	123435	386050	6340675	58664.58	57946.6	99	124944
386050	6341010	58735.28	58014.71	99	123444	386050	6340670	58669.99	57951.96	99	125005
386050	6341005	58739.09	58020.91	99	123459	386050	6340665	58679.44	57963.92	99	125041
386050	6341000	58739.74	58022.93	99	123511	386050	6340660	58688.79	57971.59	99	125059
386050	6340995	58735.48	58016.7	99	123523	386050	6340655	58694.06	57976.8	99	125114
386050	6340990	58735.48	58014.44	99	123535	386050	6340650	58702.21	57986.61	99	125129
386050	6340985	58732.88	58012.43	99	123544	386050	6340645	58714.33	57998.17	99	125141
386050	6340980	58732.52	58014.59	99	123556	386050	6340640	58719.22	58004.92	99	125244
386050	6340975	58732.07	58015.37	99	123608	386050	6340635	58729.37	58013.83	99	125256
386050	6340970	58731.7	58014.49	99	123620	386050	6340630	58742.4	58025.27	99	125308
386050	6340965	58733.16	58014.76	99	123632	386050	6340625	58753.01	58034.99	99	125323
386050	6340960	58732.92	58014.47	99	123644	386050	6340620	58763.97	58047.54	99	125332
386050	6340955	58731.38	58014.78	99	123656	386050	6340615	58777.18	58062.98	99	125347
386050	6340950	58729.19	58012.72	99	123705	386050	6340610	58795.5	58077.86	99	125408
386050	6340945	58727.74	58009.77	99	123717	386050	6340605	58812.84	58097	99	125432
386050	6340940	58724.51	58005.37	99	123735	386050	6340600	58819.47	58104.72	99	125456

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
386050	6340595	58827.8	58111.7	99	125508	386100	6340340	58778.22	58062.06	49	131026
386050	6340590	58828.7	58113.16	99	125520	386100	6340345	58780.57	58067.83	99	131044
386050	6340585	58835.03	58118.23	99	125535	386100	6340350	58782.47	58070.75	99	131056
386050	6340580	58833.88	58116.86	99	125547	386100	6340355	58780.58	58067.16	99	131105
386050	6340575	58832.46	58116.26	99	125559	386100	6340360	58783.5	58069.01	99	131117
386050	6340570	58836.19	58122.03	99	125611	386100	6340365	58783.87	58069.1	99	131123
386050	6340565	58828.92	58116.28	99	125620	386100	6340370	58786.15	58070.92	99	131129
386050	6340560	58825.88	58113.11	99	125629	386100	6340375	58784.36	58067.96	99	131138
386050	6340555	58824.96	58110.4	99	125638	386100	6340380	58786.08	58069.25	99	131153
386050	6340550	58824.94	58108.49	99	125647	386100	6340385	58788.56	58072.01	99	131202
386050	6340545	58821.93	58105.38	99	125656	386100	6340390	58788.67	58073.16	99	131217
386050	6340540	58820.97	58106.43	99	125708	386100	6340395	58789.31	58075.51	99	131238
386050	6340535	58820.56	58105.25	99	125720	386100	6340400	58792.46	58076.02	99	131302
386050	6340530	58817.88	58101.1	99	125735	386100	6340405	58794.66	58076.21	99	131329
386050	6340525	58813.86	58099.49	99	125750	386100	6340410	58800.51	58083.63	99	131338
386050	6340520	58811.34	58096.68	99	125802	386100	6340415	58804.95	58089.32	99	131359
386050	6340515	58809.63	58095.15	99	125817	386100	6340420	58800.01	58084	99	131411
386050	6340510	58807.4	58094.06	99	125826	386100	6340425	59056.69	58341.35	99	131420
386050	6340505	58805.67	58093.1	99	125835	386100	6340430	58887.56	58172.31	99	131435
386050	6340500	58803.01	58090.08	99	125844	386100	6340435	58820.21	58106.58	99	131447
386050	6340495	58801.27	58086.98	99	125853	386100	6340440	58802.41	58088.75	99	131459
386050	6340490	58800.42	58084.55	99	125905	386100	6340445	58800.2	58086.66	99	131511
386050	6340485	58797.77	58081.85	99	125914	386100	6340450	58806.04	58092.05	99	131523
386050	6340480	58795.63	58080.41	99	125923	386100	6340455	58815.57	58101.71	99	131535
386050	6340475	58794.17	58080.14	99	125932	386100	6340460	58821.69	58110.46	99	131550
386050	6340470	58793.98	58080.87	99	125941	386100	6340465	58828.78	58115.67	99	131602
386050	6340465	58790.25	58077.26	99	125950	386100	6340470	58830.65	58115.8	99	131611
386050	6340460	58788.6	58074.66	99	125959	386100	6340475	58833.78	58117.76	99	131623
386050	6340455	58784.88	58069.38	99	130008	386100	6340480	58839.54	58123.95	99	131635
386050	6340450	58772.16	58055.76	99	130020	386100	6340485	58848.34	58133.97	99	131650
386050	6340445	58689.08	57973.33	99	130032	386100	6340490	58855.94	58141.03	99	131702
386050	6340440	58840.05	58125.24	99	130041	386100	6340495	58858.94	58143.83	99	131711
386050	6340435	58820.04	58104.84	99	130053	386100	6340500	58864.45	58149.48	99	131726
386050	6340430	58794.72	58078.28	99	130102	386100	6340505	58870.75	58156.41	99	131735
386050	6340425	58787.86	58071.75	99	130114	386100	6340510	58877.17	58162.99	99	131747
386050	6340420	58785.11	58071.58	99	130135	386100	6340515	58890.34	58176.05	99	131759
386050	6340415	58782.24	58068.96	99	130150	386100	6340520	58896.6	58181.74	99	131808
386050	6340410	58781.36	58066.02	99	130202	386100	6340525	58909.67	58193.25	99	131823
386050	6340405	58781.63	58065.33	99	130211	386100	6340530	58918.95	58200.43	99	131835
386050	6340400	58781.89	58066.47	99	130223	386100	6340535	58926.95	58212.02	99	131847
386050	6340395	58781.07	58066	99	130232	386100	6340540	58936.68	58223.37	99	131856
386050	6340390	58780.58	58065.48	99	130241	386100	6340545	58947.25	58231.43	99	131908
386050	6340385	58781.84	58066.34	99	130250	386100	6340550	58956.58	58240.31	99	131917
386050	6340380	58782.4	58066.3	99	130259	386100	6340555	58970.8	58257.62	99	131929
386050	6340375	58782.73	58067.01	99	130308	386100	6340560	58992.84	58279.23	99	131950
386050	6340370	58780.51	58065.23	99	130323	386100	6340565	59010.32	58292.75	99	132005
386050	6340365	58772.58	58057.51	99	130335	386100	6340570	59025.84	58315.08	99	132026
386050	6340360	58778.2	58062.87	99	130344	386100	6340575	59040	58327.9	99	132044
386050	6340355	58777.42	58062.56	99	130356	386100	6340580	59038.99	58323.06	99	132108
386050	6340350	58774.77	58061.79	99	130411	386100	6340585	59035.43	58319.82	99	132132
386050	6340345	58775.86	58061.87	99	130420	386100	6340590	59045.42	58331.26	99	132144
386050	6340340	58775.14	58060.19	99	130432	386100	6340595	59054.98	58342.61	99	132159
386050	6340335	58772.25	58057.16	99	130441	386100	6340600	59044.56	58330.99	99	132214
386050	6340330	58772.89	58058.15	99	130450	386100	6340605	59026.34	58310.38	99	132229
386050	6340325	58775.01	58060.71	99	130505	386100	6340610	59005.31	58289.97	99	132241
386050	6340320	58773.96	58059.78	99	130517	386100	6340615	58999.62	58285.46	99	132247
386050	6340315	58774.65	58061.51	99	130526	386100	6340620	58991.97	58279.02	99	132259
386050	6340310	58772.15	58058.67	99	130538	386100	6340625	58981.85	58267.57	99	132308
386050	6340305	58776.75	58061.7	99	130547	386100	6340630	58951.73	58236.64	99	132326
386050	6340300	58773.59	58057.04	99	130559	386100	6340635	58946.95	58234.16	99	132341
386100	6340300	58775.57	58062.34	99	130832	386100	6340640	58899.17	58185.6	99	132359
386100	6340305	58774.85	58059.14	99	130847	386100	6340645	58853.98	58140.52	99	132414
386100	6340310	58778.94	58064.17	99	130902	386100	6340650	58794.36	58079.51	99	132432
386100	6340315	58778.56	58064.68	99	130914	386100	6340655	58747.42	58032.09	99	132447
386100	6340320	58776.77	58059.87	99	130932	386100	6340660	58722.52	58009.63	99	132511
386100	6340325	58775.59	58060.49	99	130947	386100	6340665	58668.71	57955.55	99	132526
386100	6340330	58775.97	58061.78	99	131002	386100	6340670	58630.92	57918.18	99	132541
386100	6340335	58778.47	58063.49	99	131011	386100	6340675	58584.97	57871.59	99	132556

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
386100	6340680	58544.1	57830.24	99	132614	386100	6341020	58734.12	58015.06	99	134050
386100	6340685	58516.41	57802.11	99	132623	386100	6341025	58734.68	58016.11	99	134102
386100	6340690	58497.99	57786.32	99	132635	386100	6341030	58739.55	58020.73	99	134114
386100	6340695	58479.78	57766.95	99	132650	386100	6341035	58739.96	58020.9	99	134132
386100	6340700	58473	57760.8	99	132702	386100	6341040	58743.69	58025.03	99	134144
386100	6340705	58461.54	57749.75	99	132714	386100	6341045	58744.43	58025.33	99	134202
386100	6340710	58457.7	57744.91	99	132723	386100	6341050	58743.63	58024.69	99	134217
386100	6340715	58461.29	57747.75	99	132732	386100	6341055	58744.41	58025	99	134226
386100	6340720	58457.92	57743.5	99	132744	386100	6341060	58744.75	58025.78	99	134238
386100	6340725	58462.91	57749.66	99	132753	386100	6341065	58744.96	58026.46	99	134247
386100	6340730	58475.56	57763.07	99	132805	386100	6341070	58745.3	58026.47	99	134259
386100	6340735	58480.83	57766.89	99	132820	386100	6341075	58746.07	58027.17	99	134308
386100	6340740	58488.54	57776.37	99	132832	386100	6341080	58748.94	58031.76	99	134320
386100	6340745	58499.58	57786.97	99	132844	386100	6341085	58751.36	58036.5	99	134332
386100	6340750	58532.4	57817.8	99	132853	386100	6341090	58747.24	58031.63	99	134347
386100	6340755	58538.95	57826.44	99	132908	386100	6341095	58748.72	58031.94	99	134359
386100	6340760	58550.27	57840.59	99	132917	386100	6341100	58743.19	58026.58	99	134414
386100	6340765	58553.83	57842.9	99	132926	386150	6341100	58745.71	58028.23	99	134611
386100	6340770	58556.44	57842.79	99	132935	386150	6341095	58741.58	58023.84	99	134626
386100	6340775	58558.04	57845.03	99	132950	386150	6341090	58735.98	58020.8	99	134641
386100	6340780	58568.7	57856.68	99	133002	386150	6341085	58743.37	58027.82	99	134653
386100	6340785	58575.73	57863.79	99	133011	386150	6341080	58763.85	58047.43	99	134711
386100	6340790	58586.4	57875.05	99	133020	386150	6341075	58774.92	58059.9	99	134738
386100	6340795	58588.95	57876.5	99	133029	386150	6341070	58755.6	58040.11	99	134759
386100	6340800	58593.4	57879.41	99	133038	386150	6341065	58743.23	58026.78	99	134820
386100	6340805	58600.74	57887.28	99	133050	386150	6341060	58741.76	58027.81	99	134835
386100	6340810	58609.98	57896.93	99	133102	386150	6341055	58742.25	58028.32	99	134847
386100	6340815	58617.51	57903.06	99	133111	386150	6341050	58745.31	58028.31	99	134902
386100	6340820	58620.81	57907.87	99	133123	386150	6341045	58747.37	58030.65	99	134914
386100	6340825	58628.14	57917.63	99	133135	386150	6341040	58744.56	58029.57	99	134926
386100	6340830	58634.73	57923.26	99	133144	386150	6341035	58742.45	58028.81	99	134935
386100	6340835	58643.19	57930.14	99	133156	386150	6341030	58741.15	58026.07	99	134950
386100	6340840	58649.8	57936.98	99	133208	386150	6341025	58738.96	58024.21	99	135008
386100	6340845	58660.57	57949.54	99	133223	386150	6341020	58736.5	58021.87	99	135056
386100	6340850	58667.96	57954.64	99	133238	386150	6341015	58734.79	58021.33	99	135123
386100	6340855	58670.42	57957.31	99	133247	386150	6341010	58733.85	58019.37	99	135132
386100	6340860	58674.11	57961.68	99	133259	386150	6341005	58733.54	58018.63	99	135141
386100	6340865	58677.59	57966.9	99	133311	386150	6341000	58732.18	58017.94	99	135153
386100	6340870	58680.73	57970.12	99	133320	386150	6340995	58731.59	58019.3	99	135211
386100	6340875	58682.96	57970.02	99	133329	386150	6340990	58730.38	58019.16	99	135223
386100	6340880	58685.71	57970.5	99	133347	386150	6340985	58728.99	58016.54	99	135232
386100	6340885	58687.79	57976.52	99	133359	386150	6340980	58727.54	58013.98	99	135241
386100	6340890	58694.61	57980.63	99	133417	386150	6340975	58732.52	58019.51	99	135253
386100	6340895	58698.93	57985.34	99	133435	386150	6340970	58721.41	58009.67	99	135308
386100	6340900	58705.42	57993.4	99	133456	386150	6340965	58719.63	58007.09	99	135320
386100	6340905	58706.17	57992.04	99	133508	386150	6340960	58718.44	58004.43	99	135335
386100	6340910	58706.29	57994.46	99	133523	386150	6340955	58713.86	58000.32	99	135347
386100	6340915	58707.52	57995.97	99	133532	386150	6340950	58712.5	57998.45	99	135359
386100	6340920	58708.24	57995.35	99	133544	386150	6340945	58711.86	57997.26	99	135414
386100	6340925	58710.62	57997.75	99	133556	386150	6340940	58711.1	57996.84	99	135426
386100	6340930	58711.52	57999.9	99	133605	386150	6340935	58708.8	57993.02	99	135435
386100	6340935	58712.86	58001.15	99	133614	386150	6340930	58706.3	57989.24	99	135444
386100	6340940	58716.09	58002.48	99	133623	386150	6340925	58703.42	57987	99	135453
386100	6340945	58717.08	58002.71	99	133632	386150	6340920	58702.4	57987.39	99	135511
386100	6340950	58717.98	58002.81	99	133708	386150	6340915	58698.69	57981.35	99	135523
386100	6340955	58719.19	58004.04	99	133717	386150	6340910	58696.81	57979.93	99	135535
386100	6340960	58721.39	58006.74	99	133732	386150	6340905	58694.22	57979.99	99	135544
386100	6340965	58724.92	58009.91	99	133744	386150	6340900	58690.17	57978.08	99	135556
386100	6340970	58725.6	58010.21	99	133756	386150	6340895	58686.97	57973.49	99	135608
386100	6340975	58726.22	58011.56	99	133811	386150	6340890	58681.47	57967.55	99	135617
386100	6340980	58727.68	58013.43	99	133826	386150	6340885	58676.55	57965.02	99	135629
386100	6340985	58728.42	58011.68	99	133847	386150	6340880	58672.22	57961.95	99	135638
386100	6340990	58728.39	58011.76	99	133902	386150	6340875	58667.77	57955.37	99	135650
386100	6340995	58728.28	58012.8	99	133920	386150	6340870	58661.45	57948.06	99	135659
386100	6341000	58731.12	58014.78	99	133932	386150	6340865	58654.83	57942.96	99	135708
386100	6341005	58733.37	58014.46	99	134014	386150	6340860	58649.29	57937.64	99	135717
386100	6341010	58733.83	58015.26	99	134029	386150	6340855	58645.19	57931.27	99	135726
386100	6341015	58732.73	58013.58	99	134044	386150	6340850	58637.46	57920.74	99	135735

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
386150	6340845	58630.39	57913.04	99	135744	386150	6340505	58851.45	58258.79	99	84614
386150	6340840	58625.4	57906.95	99	135759	386150	6340500	58827.4	58233.5	99	84623
386150	6340835	58620.42	57900.55	99	135808	386150	6340495	58807.81	58213.22	99	84635
386150	6340830	58616.39	57894.91	99	135817	386150	6340490	58792.36	58193.9	99	84644
386150	6340825	58610.99	57888.76	99	135826	386150	6340485	58780.27	58177.92	99	84656
386150	6340820	58595.64	57873.58	99	135838	386150	6340480	58774.85	58169.69	99	84711
386150	6340815	58581.97	57859.61	99	135847	386150	6340475	58763.8	58157.87	99	84723
386150	6340810	58571.64	57849.45	99	135856	386150	6340470	58752.21	58147.24	99	84732
386150	6340805	58558.16	57836.86	99	135905	386150	6340465	58742.83	58137.83	99	84741
386150	6340800	58545.47	57824.68	99	135914	386150	6340460	58733.26	58125.07	99	84753
386150	6340795	58529.3	57808.45	99	135923	386150	6340455	58729.7	58117.51	99	84802
386150	6340790	58511.4	57792.29	99	135935	386150	6340450	58724.92	58110.2	99	84811
386150	6340785	58491.58	57773.99	99	135947	386150	6340445	58721.44	58105.62	99	84823
386150	6340780	58470.8	57753.22	99	135959	386150	6340440	58715.87	58098.79	99	84835
386150	6340775	58454.72	57736.06	99	140014	386150	6340435	58707.52	58093.91	99	84850
386150	6340770	58424.86	57706.77	99	140023	386150	6340430	58704.58	58091.31	99	84859
386150	6340765	58396.88	57679.81	99	140035	386150	6340425	58701.67	58089.46	99	84911
386150	6340760	58369.58	57652.23	99	140047	386150	6340420	58699.42	58085.71	99	84920
386150	6340755	58335.25	57615.06	99	140108	386150	6340415	58696.25	58081.94	99	84932
386150	6340750	58295.03	57576.06	99	140123	386150	6340410	58731.05	58117.27	99	84944
386150	6340745	58266.11	57546.85	99	140135	386150	6340405	58847.21	58232.99	99	84953
386150	6340740	58239.72	57518.78	99	140147	386150	6340400	58696.01	58081.96	99	85005
386150	6340735	58251.8	57530.13	99	140156	386150	6340395	58687.73	58071.92	99	85017
386150	6340730	58228.96	57508.1	99	140205	386150	6340390	58683.14	58066.55	99	85029
386150	6340725	58184.5	57465.36	99	140217	386150	6340385	58679.99	58069.19	99	85041
386150	6340720	58213.75	57494.21	99	140229	386150	6340380	58681.05	58073.67	99	85053
386150	6340715	58264.44	57545.3	99	140250	386150	6340375	58679.4	58073.73	99	85105
386150	6340710	58384.77	57668.54	99	140305	386150	6340370	58674.78	58072.18	99	85123
386150	6340705	58578.16	57861.42	99	140317	386150	6340365	58672.01	58081.26	99	85138
386150	6340700	58812.55	58094.3	99	140329	386150	6340360	58666.41	58075.1	99	85150
386150	6340695	59543.88	58826.47	99	140338	386150	6340355	58668.99	58076.48	99	85202
386150	6340690	60680.65	59965.47	99	140353	386150	6340350	58668.82	58078.4	99	85214
386150	6340685	61610.11	60893.12	99	140411	386150	6340345	58667.34	58081.82	99	85226
386150	6340680	62200.9	61483.76	99	140426	386150	6340340	58665.33	58079.67	99	85238
386150	6340675	62509.84	61793.39	99	140459	386150	6340335	58663.99	58074.34	99	85250
386150	6340670	62414.18	61698.51	99	140517	386150	6340330	58659.94	58066.41	99	85302
386150	6340665	62369.04	61653.19	99	140532	386150	6340325	58662.74	58068.82	99	85314
386150	6340660	62288.98	61573.67	99	140559	386150	6340320	58663.22	58066.24	99	85326
386150	6340655	62144.13	61428.76	99	140623	386150	6340315	58663.62	58069.8	99	85338
386150	6340650	61726.61	61011.1	99	140638	386150	6340310	58665.65	58070.78	99	85347
386150	6340645	61533.81	60817.81	99	140653	386150	6340305	58660.52	58065.77	99	85408
386150	6340640	61426.55	60709.98	99	140708	386150	6340300	58658.79	58065.36	99	85420
386150	6340635	61516.89	60800.06	99	140723	386200	6340300	58657.29	58061.97	99	85602
386150	6340630	61632.18	60915.17	99	140741	386200	6340305	58657.37	58066.51	99	85617
386150	6340625	61770.11	61052.68	99	140759	386200	6340310	58660.36	58067.7	99	85638
386150	6340620	61694.25	61111.87	99	83950	386200	6340315	58664.24	58064.13	99	85650
386150	6340615	61647.47	61064.1	99	84011	386200	6340320	58664.16	58065.73	99	85702
386150	6340610	61175.41	60590.22	99	84026	386200	6340325	58663	58064.51	99	85711
386150	6340605	61283.33	60696.24	99	84041	386200	6340330	58664.45	58062.87	99	85723
386150	6340600	61175.63	60588.47	99	84056	386200	6340335	58666.35	58059.17	99	85741
386150	6340595	60999.99	60412.51	99	84120	386200	6340340	58670.6	58057.73	99	85802
386150	6340590	60581.55	59991.32	99	84135	386200	6340345	58675.21	58056.5	99	85820
386150	6340585	60237.15	59645.23	99	84150	386200	6340350	58671.37	58055.87	99	85838
386150	6340580	60029.38	59438.83	99	84202	386200	6340355	58673.84	58061.78	99	85850
386150	6340575	59833.97	59246.11	99	84214	386200	6340360	58672.93	58057.13	99	85905
386150	6340570	59721.21	59131.99	99	84226	386200	6340365	58673.65	58058.73	99	85917
386150	6340565	59566.52	58979.81	99	84247	386200	6340370	58677.47	58064.96	99	85929
386150	6340560	59434.71	58852.36	99	84311	386200	6340375	58688.06	58078.57	99	85944
386150	6340555	59322.62	58740.82	99	84335	386200	6340380	58760.46	58153.48	99	85956
386150	6340550	59217.42	58632.42	99	84402	386200	6340385	59135.04	58532.38	99	90008
386150	6340545	59158.36	58567.6	99	84441	386200	6340390	58676.73	58076.76	99	90017
386150	6340540	59158.21	58566.02	99	84453	386200	6340395	58647.99	58050.08	99	90029
386150	6340535	59087.84	58492.81	99	84505	386200	6340400	58658.77	58061.8	99	90041
386150	6340530	59035.14	58441.17	99	84514	386200	6340405	58665.92	58072.95	99	90056
386150	6340525	58982.76	58391.84	99	84526	386200	6340410	58683.85	58082.19	99	90111
386150	6340520	58930.7	58342.12	99	84538	386200	6340415	58692.25	58083.26	99	90123
386150	6340515	58894.84	58307.22	99	84553	386200	6340420	58693.75	58085.65	99	90135
386150	6340510	58869.5	58279.38	99	84602	386200	6340425	58698.9	58089.92	99	90147

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
386200	6340430	58705.55	58093.31	99	90205	386200	6340770	58283.77	57653.78	99	91735
386200	6340435	58712.69	58095.22	99	90217	386200	6340775	58308.95	57681.38	99	91750
386200	6340440	58715.34	58100.9	99	90229	386200	6340780	58346.69	57706.59	99	91808
386200	6340445	58720.11	58106.17	99	90241	386200	6340785	58383.2	57752.96	99	91823
386200	6340450	58726.82	58114.11	99	90253	386200	6340790	58404.31	57777.72	99	91835
386200	6340455	58737.06	58121.01	99	90305	386200	6340795	58420.97	57792.91	99	91847
386200	6340460	58748.19	58126.99	99	90317	386200	6340800	58432.82	57793.98	99	91856
386200	6340465	58755.45	58140.6	99	90329	386200	6340805	58452.25	57814.08	99	91905
386200	6340470	58767.53	58150.05	99	90341	386200	6340810	58470.24	57837.76	99	91920
386200	6340475	58773.99	58160.58	99	90350	386200	6340815	58488.68	57852.52	99	91932
386200	6340480	58784.95	58175.7	99	90402	386200	6340820	58502.85	57864.28	99	91944
386200	6340485	58803.34	58191.68	99	90414	386200	6340825	58510.5	57870.5	99	91956
386200	6340490	58818.04	58207.62	99	90426	386200	6340830	58522.39	57890.98	99	92017
386200	6340495	58834.74	58226.92	99	90435	386200	6340835	58536.02	57897.53	99	92032
386200	6340500	58854.5	58247.36	99	90447	386200	6340840	58547.01	57909.3	99	92041
386200	6340505	58883.58	58271.19	99	90459	386200	6340845	58555.72	57916.64	99	92050
386200	6340510	58931.06	58309.13	99	90511	386200	6340850	58562.91	57916.35	99	92102
386200	6340515	58971.67	58347.4	99	90520	386200	6340855	58572.58	57930.3	99	92111
386200	6340520	59021.8	58398.47	99	90535	386200	6340860	58581.48	57944.12	99	92123
386200	6340525	59071.04	58447.22	99	90544	386200	6340865	58591.38	57945.34	99	92135
386200	6340530	59143.87	58521.34	99	90556	386200	6340870	58595.31	57944.83	99	92147
386200	6340535	59238.94	58617.99	99	90608	386200	6340875	58594.65	57946.21	99	92156
386200	6340540	59379.16	58757.89	99	90626	386200	6340880	58604.76	57951.37	99	92211
386200	6340545	59536.78	58917.89	99	90638	386200	6340885	58610.21	57957.9	99	92223
386200	6340550	59700.74	59082.86	99	90650	386200	6340890	58615.6	57965.45	99	92235
386200	6340555	59988.3	59370.99	99	90702	386200	6340895	58619.71	57965.88	99	92247
386200	6340560	60289.97	59665.65	99	90717	386200	6340900	58621.45	57965.65	99	92259
386200	6340565	60665.14	60041.72	99	90729	386200	6340905	58624.15	57976.4	99	92311
386200	6340570	60940.86	60310.24	99	90741	386200	6340910	58625.87	57980.2	99	92323
386200	6340575	61435.19	60805.6	99	90750	386200	6340915	58628.35	57983.06	99	92332
386200	6340580	62102.94	61473.71	99	90808	386200	6340920	58630.43	57983.46	99	92344
386200	6340585	62895.83	62263.56	99	90823	386200	6340925	58630.87	57983.89	99	92356
386200	6340590	63518.69	62886.99	99	90835	386200	6340930	58634.92	57986.55	99	92408
386200	6340595	63844.43	63214.11	99	90847	386200	6340935	58639.28	57990.71	99	92420
386200	6340600	63907.65	63284.96	99	90905	386200	6340940	58645.27	57995.97	99	92432
386200	6340605	63887.54	63266.74	99	90920	386200	6340945	58654.35	57994.71	99	92444
386200	6340610	63678.51	63065.88	99	90938	386200	6340950	58655.65	58003.88	99	92459
386200	6340615	63236.19	62628.9	99	90953	386200	6340955	58651.61	58001.99	99	92514
386200	6340620	63016.79	62405.54	99	91005	386200	6340960	58651.78	58002.05	99	92526
386200	6340625	62783.87	62169.13	99	91017	386200	6340965	58651.23	58001.38	99	92538
386200	6340630	62552.19	61942.09	99	91029	386200	6340970	58653.66	58003.7	99	92547
386200	6340635	62599.13	61983.87	99	91044	386200	6340975	58660.85	58010	99	92559
386200	6340640	62704.01	62090.78	99	91102	386200	6340980	58655.88	58008.48	99	92608
386200	6340645	62567.72	61958.5	99	91114	386200	6340985	58656.77	58008.17	99	92620
386200	6340650	62266.85	61657.5	99	91126	386200	6340990	58656.03	58008.78	99	92632
386200	6340655	61960.03	61343.09	99	91138	386200	6340995	58655.97	58013.45	99	92641
386200	6340660	61481.59	60869.13	99	91153	386200	6341000	58654.3	58010.23	99	92656
386200	6340665	61237.66	60625.7	99	91205	386200	6341005	58656.84	58015.4	99	92717
386200	6340670	61052.08	60444.06	99	91238	386200	6341010	58661.95	58015.17	99	92741
386200	6340675	61043.9	60440.85	99	91256	386200	6341015	58665.84	58020.19	99	92756
386200	6340680	61021.82	60423.01	99	91311	386200	6341020	58683.63	58032.87	99	92814
386200	6340685	60604.62	60004.22	99	91329	386200	6341025	58680.99	58022.03	99	92826
386200	6340690	59709.6	59106.06	99	91344	386200	6341030	58684.56	58026.44	99	92841
386200	6340695	58884.3	58283.12	99	91353	386200	6341035	58680.1	58021.38	99	92859
386200	6340700	58118.73	57511.97	99	91414	386200	6341040	58676.74	58026.2	99	92917
386200	6340705	57763.31	57155.22	99	91429	386200	6341045	58674.06	58024.85	99	92935
386200	6340710	57728.98	57117.89	99	91438	386200	6341050	58672.45	58025.85	99	92953
386200	6340715	57700.78	57086.03	99	91450	386200	6341055	58678.34	58035.6	99	93011
386200	6340720	57717.22	57105.06	99	91502	386200	6341060	58677.28	58032.61	99	93029
386200	6340725	57747.02	57136.05	99	91514	386200	6341065	58678.43	58031.67	99	93035
386200	6340730	57816.72	57209.42	99	91535	386200	6341070	58683.95	58028.95	99	93053
386200	6340735	57908.61	57302.51	99	91550	386200	6341075	58690.73	58027.07	99	93108
386200	6340740	57979.28	57369.37	99	91608	386200	6341080	58696.8	58025.63	99	93120
386200	6340745	58044.74	57428.44	99	91620	386200	6341085	58700.05	58024.18	99	93132
386200	6340750	58093.05	57482.3	99	91635	386200	6341090	58706.21	58023.49	99	93144
386200	6340755	58154.58	57539.24	99	91650	386200	6341095	58710.05	58023.53	99	93153
386200	6340760	58213.45	57589.76	99	91708	386200	6341100	58707.66	58017.24	99	93205
386200	6340765	58259.87	57631.5	99	91726	386250	6341100	58691.59	58025.74	99	94238

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
386250	6341095	58694.1	58027.15	99	94247	386250	6340755	58315.94	57611.47	99	95638
386250	6341090	58694.37	58025.63	99	94259	386250	6340750	58290.98	57586.28	99	95647
386250	6341085	58692.85	58022.71	99	94308	386250	6340745	58257.64	57546.59	99	95659
386250	6341080	58693.76	58023.43	99	94317	386250	6340740	58214.96	57495.99	99	95714
386250	6341075	58695.22	58027.03	99	94329	386250	6340735	58160.2	57431.97	99	95726
386250	6341070	58693.78	58023.77	99	94341	386250	6340730	58129.19	57393.46	99	95738
386250	6341065	58689.9	58022.75	99	94353	386250	6340725	58100.24	57357.09	99	95750
386250	6341060	58689.02	58021.8	99	94405	386250	6340720	58062.1	57311.47	99	95802
386250	6341055	58689.33	58023.15	99	94417	386250	6340715	58027.18	57273.32	99	95814
386250	6341050	58691.77	58025.94	99	94432	386250	6340710	57991.76	57236.22	99	95826
386250	6341045	58688.86	58021.9	99	94444	386250	6340705	57969.49	57213.65	99	95835
386250	6341040	58687.91	58022.78	99	94453	386250	6340700	57959.89	57205.91	99	95847
386250	6341035	58686.8	58023.88	99	94502	386250	6340695	57952.37	57195.31	99	95859
386250	6341030	58687.3	58023.47	99	94514	386250	6340690	57968.23	57213.59	99	95908
386250	6341025	58688.85	58019.54	99	94529	386250	6340685	58021.1	57270	99	95917
386250	6341020	58691.8	58021.48	99	94538	386250	6340680	58130.38	57386.81	99	95929
386250	6341015	58692.22	58020.2	99	94550	386250	6340675	58273.21	57535.6	99	95941
386250	6341010	58690.32	58015.13	99	94602	386250	6340670	58542.07	57806.4	99	95953
386250	6341005	58690.17	58015.08	99	94614	386250	6340665	59038.33	58305.88	99	100005
386250	6341000	58694.61	58018.71	99	94626	386250	6340660	59743.28	59014.45	99	100020
386250	6340995	58696.93	58016.29	99	94644	386250	6340655	60162.65	59433.83	99	100032
386250	6340990	58698.81	58019.46	99	94659	386250	6340650	60541.96	59811.96	99	100050
386250	6340985	58699.4	58017.83	99	94711	386250	6340645	60857.59	60126.71	99	100108
386250	6340980	58702.52	58016.66	99	94726	386250	6340640	61009.58	60274.23	99	100123
386250	6340975	58701.76	58015.81	99	94738	386250	6340635	61076.8	60341.34	99	100135
386250	6340970	58702.94	58013.68	99	94753	386250	6340630	61087.2	60350.68	99	100147
386250	6340965	58696.9	58004.66	99	94805	386250	6340625	61058.72	60319.02	99	100159
386250	6340960	58689.82	57994.25	99	94817	386250	6340620	61072.36	60327.53	99	100214
386250	6340955	58690.68	57999.14	99	94829	386250	6340615	61095.28	60353.72	99	100226
386250	6340950	58690.95	57999	99	94838	386250	6340610	60997.65	60254.7	99	100238
386250	6340945	58689.61	57995.16	99	94847	386250	6340605	60792.19	60047.09	99	100250
386250	6340940	58687.82	57991.87	99	94856	386250	6340600	60580.61	59831.18	99	100305
386250	6340935	58686.41	57990.11	99	94908	386250	6340595	60263.19	59512.53	99	100317
386250	6340930	58685.22	57987.6	99	94920	386250	6340590	59999.78	59246.56	99	100326
386250	6340925	58683.97	57986.42	99	94932	386250	6340585	59815.62	59057.75	99	100335
386250	6340920	58684.74	57987.25	99	94941	386250	6340580	59784.01	59021.23	99	100344
386250	6340915	58682.97	57988.04	99	94953	386250	6340575	59701.72	58935.26	99	100353
386250	6340910	58682.28	57985.65	99	95005	386250	6340570	59538.82	58768.88	99	100408
386250	6340905	58679.33	57981.44	99	95017	386250	6340565	59399.43	58633.26	99	100423
386250	6340900	58673.68	57977.84	99	95029	386250	6340560	59304.61	58535.03	99	100435
386250	6340895	58669.15	57974.01	99	95038	386250	6340555	59231.15	58465.49	99	100450
386250	6340890	58665.68	57969.94	99	95050	386250	6340550	59163.11	58399.14	99	100502
386250	6340885	58661.54	57961.84	99	95059	386250	6340545	59115.42	58352.58	99	100514
386250	6340880	58656.75	57959.48	99	95120	386250	6340540	59064.26	58302.79	99	100529
386250	6340875	58651.56	57952.02	99	95138	386250	6340535	59035.05	58273.28	99	100541
386250	6340870	58652.42	57946.19	99	95205	386250	6340530	59009.29	58250.86	99	100553
386250	6340865	58654.13	57942.82	99	95232	386250	6340525	58977.77	58219.08	99	100605
386250	6340860	58647.96	57939.57	99	95250	386250	6340520	58962.06	58204.04	99	100614
386250	6340855	58639.23	57930.75	99	95305	386250	6340515	58947.58	58190.84	99	100629
386250	6340850	58630.99	57923.66	99	95317	386250	6340510	58930.69	58173.15	99	100650
386250	6340845	58622.69	57916.02	99	95329	386250	6340505	58920.69	58160.13	99	100705
386250	6340840	58614.37	57906.92	99	95338	386250	6340500	58908.19	58143.25	99	100720
386250	6340835	58605.81	57900.44	99	95347	386250	6340495	58896.78	58133.02	99	100732
386250	6340830	58597.5	57896.06	99	95359	386250	6340490	58890.22	58120.79	99	100744
386250	6340825	58587.11	57886.87	99	95408	386250	6340485	58889.52	58114.21	99	100756
386250	6340820	58576.67	57879.71	99	95420	386250	6340480	58883.42	58111.13	99	100808
386250	6340815	58562.89	57872.51	99	95432	386250	6340475	58874.66	58102.86	99	100829
386250	6340810	58547.1	57860.06	99	95444	386250	6340470	58868.45	58101.84	99	100844
386250	6340805	58537.03	57848.93	99	95456	386250	6340465	58861.29	58093.59	99	100859
386250	6340800	58525.36	57837.7	99	95505	386250	6340460	58856.5	58088.98	99	100911
386250	6340795	58501.64	57816.87	99	95517	386250	6340455	58854.56	58084.67	99	100920
386250	6340790	58483.78	57798.46	99	95529	386250	6340450	58855.12	58077.58	99	100932
386250	6340785	58469.62	57784.43	99	95538	386250	6340445	58849.57	58078.05	99	100944
386250	6340780	58450.07	57762.98	99	95547	386250	6340440	58844.34	58076.23	99	100956
386250	6340775	58427.98	57738.24	99	95556	386250	6340435	58841.8	58069.68	99	101008
386250	6340770	58396.91	57701.42	99	95608	386250	6340430	58839.7	58067.67	99	101020
386250	6340765	58366.95	57668.51	99	95620	386250	6340425	58835.84	58068.29	99	101032
386250	6340760	58331.78	57631.21	99	95629	386250	6340420	58831.57	58067.84	99	101044

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
386250	6340415	58828.66	58064.57	99	101053	386300	6340520	58809.3	58052.24	99	102705
386250	6340410	58825.13	58063.55	99	101105	386300	6340525	58801.94	58056.33	99	102738
386250	6340405	58822.72	58062.84	99	101117	386300	6340530	58800.42	58049.26	99	102805
386250	6340400	58823.46	58065	99	101138	386300	6340535	58800.14	58047.72	99	102817
386250	6340395	58820.94	58060.35	99	101150	386300	6340540	58796.87	58045.53	99	102832
386250	6340390	58818.98	58054.8	99	101202	386300	6340545	58790.96	58039.15	99	102841
386250	6340385	58817.92	58053.64	99	101211	386300	6340550	58781.42	58030.3	99	102853
386250	6340380	58816.36	58052.67	99	101220	386300	6340555	58779.31	58031.66	99	102911
386250	6340375	58813.37	58051.82	99	101232	386300	6340560	58775.3	58031.04	99	102926
386250	6340370	58914.8	58154	99	101241	386300	6340565	58772.06	58029.17	99	102938
386250	6340365	59139.76	58377.49	99	101253	386300	6340570	58767.22	58027.35	99	102947
386250	6340360	58882.17	58118.9	99	101305	386300	6340575	58770.82	58030.91	99	103002
386250	6340355	58854.29	58089.92	99	101317	386300	6340580	58761.97	58020.62	99	103014
386250	6340350	58847.66	58080.64	99	101329	386300	6340585	58750.45	58011.15	99	103029
386250	6340345	58837.94	58071.22	99	101341	386300	6340590	58732.39	57993.71	99	103041
386250	6340340	58835.97	58071.92	99	101353	386300	6340595	58728.72	57991.82	99	103047
386250	6340335	58829.92	58064.5	99	101402	386300	6340600	58720.94	57982.88	99	103056
386250	6340330	58825.53	58060.68	99	101411	386300	6340605	58700.91	57963.87	99	103108
386250	6340325	58822.98	58061	99	101423	386300	6340610	58694.05	57957.89	99	103123
386250	6340320	58820.21	58059.57	99	101435	386300	6340615	58709.54	57976.51	99	103141
386250	6340315	58822.37	58062.53	99	101450	386300	6340620	58673.06	57939.11	99	103153
386250	6340310	58823.53	58063.18	99	101505	386300	6340625	58669.34	57936.05	99	103214
386250	6340305	58826.2	58055.07	99	101520	386300	6340630	58577.63	57840.59	99	103229
386250	6340300	58827.97	58052.44	99	101532	386300	6340635	58513.79	57776.14	99	103241
386300	6340300	58817.33	58068.59	99	101720	386300	6340640	58457.38	57721.5	99	103250
386300	6340305	58813.91	58061.49	99	101744	386300	6340645	58370.38	57631.08	99	103302
386300	6340310	58814.89	58058.97	99	101759	386300	6340650	58357.31	57618.27	99	103314
386300	6340315	58823.56	58063.64	99	101811	386300	6340655	58297.32	57557.28	99	103329
386300	6340320	58828.09	58067.07	99	101820	386300	6340660	58267	57525.29	99	103344
386300	6340325	58829.08	58063.39	99	101832	386300	6340665	58250.11	57506.28	99	103408
386300	6340330	58826.29	58058.38	99	101841	386300	6340670	58240.52	57497.56	99	103417
386300	6340335	58807.32	58035.88	99	101853	386300	6340675	58235.8	57490.44	99	103426
386300	6340340	58798.08	58028.03	99	101905	386300	6340680	58238.07	57493.23	99	103435
386300	6340345	58756.07	57985.05	99	101917	386300	6340685	58252.09	57505.7	99	103444
386300	6340350	58645.6	57876.47	99	101929	386300	6340690	58280.49	57534.55	99	103456
386300	6340355	58691.93	57928.12	99	101938	386300	6340695	58296.79	57550.22	99	103505
386300	6340360	58786.97	58023.1	99	101950	386300	6340700	58320.59	57571.76	99	103517
386300	6340365	58799.41	58037.98	99	101959	386300	6340705	58339.6	57590.37	99	103526
386300	6340370	58814.35	58050.76	99	102011	386300	6340710	58360.19	57608.29	99	103538
386300	6340375	58819.18	58059.11	99	102023	386300	6340715	58378.55	57626.12	99	103550
386300	6340380	58813.73	58052.1	99	102035	386300	6340720	58394.04	57643.51	99	103605
386300	6340385	58814.7	58058.09	99	102047	386300	6340725	58404.4	57658.49	99	103614
386300	6340390	58812.6	58060.09	99	102056	386300	6340730	58424.29	57677.34	99	103626
386300	6340395	58818.85	58062.64	99	102108	386300	6340735	58445.05	57698.12	99	103638
386300	6340400	58819.38	58063.09	99	102120	386300	6340740	58465.97	57723.29	99	103650
386300	6340405	58814.48	58057.1	99	102132	386300	6340745	58479.29	57736.28	99	103705
386300	6340410	58805.65	58047.15	99	102144	386300	6340750	58492.48	57751.03	99	103714
386300	6340415	58801.88	58049.67	99	102153	386300	6340755	58507.3	57771.56	99	103802
386300	6340420	58802.11	58051.87	99	102205	386300	6340760	58522.3	57788.94	99	103817
386300	6340425	58805.54	58050.54	99	102217	386300	6340765	58534.73	57803.39	99	103829
386300	6340430	58807.1	58044.62	99	102232	386300	6340770	58545.84	57813.33	99	103841
386300	6340435	58809.18	58048.19	99	102244	386300	6340775	58556.98	57824.32	99	103850
386300	6340440	58810.37	58047.12	99	102259	386300	6340780	58573.4	57838.52	99	103905
386300	6340445	58811.78	58050.67	99	102311	386300	6340785	58584.84	57850.99	99	103914
386300	6340450	58809	58051.89	99	102323	386300	6340790	58596.84	57862.45	99	103926
386300	6340455	58803.47	58051.51	99	102344	386300	6340795	58602.54	57867.18	99	103935
386300	6340460	58801.48	58054.4	99	102359	386300	6340800	58609.57	57875.16	99	103944
386300	6340465	58800.29	58057.76	99	102414	386300	6340805	58619.45	57884.72	99	103953
386300	6340470	58802.55	58057.88	99	102426	386300	6340810	58628.6	57895.34	99	104005
386300	6340475	58805.77	58058.96	99	102441	386300	6340815	58640.93	57908.75	99	104017
386300	6340480	58806.17	58058.25	99	102453	386300	6340820	58647.8	57915.03	99	104026
386300	6340485	58809.93	58054.58	99	102511	386300	6340825	58656	57925.09	99	104041
386300	6340490	58812.76	58052.51	99	102532	386300	6340830	58661.15	57934.87	99	104053
386300	6340495	58813.56	58049.39	99	102547	386300	6340835	58661.75	57935.44	99	104108
386300	6340500	58815.14	58049.22	99	102602	386300	6340840	58667.19	57942.23	99	104132
386300	6340505	58814.26	58046.77	99	102614	386300	6340845	58674.15	57946.44	99	104156
386300	6340510	58814.73	58048.17	99	102626	386300	6340850	58688.54	57954.48	99	104214
386300	6340515	58815.68	58050.91	99	102647	386300	6340855	58693.91	57957.34	99	104223

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
386300	6340860	58698.76	57960.02	99	104235	386350	6341005	58735.37	58025.29	99	110138
386300	6340865	58702.09	57964.97	99	104244	386350	6341000	58734.14	58023.97	99	110156
386300	6340870	58702.95	57964.7	99	104253	386350	6340995	58730.07	58021.66	99	110211
386300	6340875	58706.99	57969.3	99	104259	386350	6340990	58730.34	58021.29	99	110223
386300	6340880	58710.67	57973.93	99	104311	386350	6340985	58731.74	58022.86	99	110232
386300	6340885	58712.46	57977.86	99	104323	386350	6340980	58729.95	58023.17	99	110244
386300	6340890	58713.42	57983.32	99	104335	386350	6340975	58729.88	58023.66	99	110256
386300	6340895	58713.61	57989.13	99	104347	386350	6340970	58729.4	58025.22	99	110305
386300	6340900	58713.98	57994.46	99	104359	386350	6340965	58726.17	58022.67	99	110314
386300	6340905	58714.1	57994.93	99	104408	386350	6340960	58722.69	58018.1	99	110332
386300	6340910	58715.85	58000.27	99	104420	386350	6340955	58720.55	58014.79	99	110344
386300	6340915	58716.25	58004.08	99	104429	386350	6340950	58719.01	58012.34	99	110356
386300	6340920	58715.92	58006.7	99	104447	386350	6340945	58719.21	58013.38	99	110408
386300	6340925	58715.44	58006.48	99	104505	386350	6340940	58721.4	58014.38	99	110423
386300	6340930	58716.71	58005.78	99	104517	386350	6340935	58723.81	58017.74	99	110450
386300	6340935	58724.26	58013.5	99	104535	386350	6340930	58718.45	58012.85	99	110459
386300	6340940	58724.96	58011.95	99	104550	386350	6340925	58716.72	58011.07	99	110511
386300	6340945	58728.81	58015.78	99	104559	386350	6340920	58712.54	58006.29	99	110523
386300	6340950	58728.76	58013.89	99	104617	386350	6340915	58708.46	58002.63	99	110535
386300	6340955	58731.6	58016.51	99	104629	386350	6340910	58709.6	58002.43	99	110550
386300	6340960	58730.97	58015.12	99	104641	386350	6340905	58707.22	58003.44	99	110602
386300	6340965	58732.29	58017.82	99	104650	386350	6340900	58703.07	57999.94	99	110617
386300	6340970	58733.56	58018.07	99	104702	386350	6340895	58701.23	57998.28	99	110635
386300	6340975	58730.25	58013.2	99	104714	386350	6340890	58698.91	57995.64	99	110650
386300	6340980	58734.65	58019.44	99	104738	386350	6340885	58696.12	57993.19	99	110705
386300	6340985	58736.29	58023.16	99	104750	386350	6340880	58694.75	57992.09	99	110717
386300	6340990	58735.39	58025.54	99	104805	386350	6340875	58692.92	57987.87	99	110732
386300	6340995	58737.69	58027.7	99	104817	386350	6340870	58690.28	57982.1	99	110744
386300	6341000	58737.79	58028.5	99	104826	386350	6340865	58686.95	57980.16	99	110759
386300	6341005	58735.7	58027.3	99	104838	386350	6340860	58684.93	57980.41	99	110811
386300	6341010	58735.53	58026.87	99	104850	386350	6340855	58680.73	57976.86	99	110820
386300	6341015	58736.1	58026.74	99	104902	386350	6340850	58676.75	57973.9	99	110832
386300	6341020	58736.49	58030.11	99	104914	386350	6340845	58670.65	57968.07	99	110844
386300	6341025	58737.86	58034.48	99	104926	386350	6340840	58666.87	57964.23	99	110856
386300	6341030	58740.67	58036.1	99	104935	386350	6340835	58665.25	57962.94	99	110905
386300	6341035	58739.8	58034.15	99	104947	386350	6340830	58664.31	57961.6	99	110911
386300	6341040	58740.12	58034.77	99	105002	386350	6340825	58661.25	57956.31	99	110923
386300	6341045	58741.57	58035.96	99	105017	386350	6340820	58658.38	57952.42	99	110932
386300	6341050	58742.17	58037.06	99	105029	386350	6340815	58652.54	57945.54	99	110944
386300	6341055	58743.01	58034.89	99	105044	386350	6340810	58648.39	57940.42	99	110953
386300	6341060	58745.54	58035.07	99	105056	386350	6340805	58645.58	57936.47	99	111005
386300	6341065	58747.69	58033.2	99	105120	386350	6340800	58645.46	57935.51	99	111017
386300	6341070	58747.97	58035.43	99	105144	386350	6340795	58641.68	57929.48	99	111035
386300	6341075	58744.97	58030.75	99	105156	386350	6340790	58637.66	57925.83	99	111044
386300	6341080	58744.62	58034.18	99	105208	386350	6340785	58633.87	57923.85	99	111056
386300	6341085	58744.03	58035.56	99	105217	386350	6340780	58628.6	57920.51	99	111105
386300	6341090	58742.94	58035.2	99	105229	386350	6340775	58621.38	57914.96	99	111117
386300	6341095	58743.06	58034.55	99	105241	386350	6340770	58613.53	57909.42	99	111129
386300	6341100	58744.4	58037.39	99	105253	386350	6340765	58607.97	57905.99	99	111138
386350	6341100	58747.1	58037.58	99	105650	386350	6340760	58600.59	57899.25	99	111150
386350	6341095	58748.07	58035.24	99	105702	386350	6340755	58595.38	57894.39	99	111205
386350	6341090	58749.17	58037.34	99	105726	386350	6340750	58591.54	57886.92	99	111223
386350	6341085	58747.33	58036.62	99	105741	386350	6340745	58580.7	57875.47	99	111235
386350	6341080	58746.87	58035.46	99	105753	386350	6340740	58568.72	57862.95	99	111247
386350	6341075	58747.13	58035.48	99	105811	386350	6340735	58562.14	57857.47	99	111259
386350	6341070	58745.77	58032.91	99	105823	386350	6340730	58560	57855.68	99	111308
386350	6341065	58748.01	58039.22	99	105844	386350	6340725	58550.97	57846.93	99	111320
386350	6341060	58747.19	58038.68	99	105902	386350	6340720	58539.32	57835.58	99	111329
386350	6341055	58749.26	58038.42	99	105917	386350	6340715	58532.86	57831.12	99	111341
386350	6341050	58747.76	58036.45	99	105932	386350	6340710	58530.95	57829.84	99	111353
386350	6341045	58747.54	58035.76	99	105941	386350	6340705	58524.95	57824.83	99	111405
386350	6341040	58747.34	58036.32	99	105953	386350	6340700	58520.09	57820.41	99	111414
386350	6341035	58744	58035.8	99	110005	386350	6340695	58512.02	57813.37	99	111423
386350	6341030	58741.75	58031.44	99	110017	386350	6340690	58509.72	57809.47	99	111432
386350	6341025	58736.75	58028.15	99	110032	386350	6340685	58508.83	57805.7	99	111441
386350	6341020	58734.35	58024.85	99	110044	386350	6340680	58509.75	57807.2	99	111450
386350	6341015	58735.47	58027.45	99	110111	386350	6340675	58512.69	57807.69	99	111459
386350	6341010	58735.77	58026.43	99	110126	386350	6340670	58513.73	57810.12	99	111511

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
386350	6340665	58507.48	57801.76	99	111523	386350	6340325	58745.21	58041.26	99	112902
386350	6340660	58500.44	57797.15	99	111535	386350	6340320	58759.73	58057.84	99	112914
386350	6340655	58495.71	57788.8	99	111550	386350	6340315	58760.2	58060.95	99	112926
386350	6340650	58499.79	57790.27	99	111605	386350	6340310	58755.93	58057.39	99	112950
386350	6340645	58508.88	57798.26	99	111623	386350	6340305	58752.52	58052.33	99	113002
386350	6340640	58521.38	57809.31	99	111641	386350	6340300	58750.8	58047.65	99	113023
386350	6340635	58522.85	57808.67	99	111702	386400	6340300	58746.84	58032.02	99	113432
386350	6340630	58526.59	57811.77	99	111714	386400	6340305	58767.52	58041.75	99	113447
386350	6340625	58563.64	57848.65	99	111729	386400	6340310	58737.14	58013.71	99	113459
386350	6340620	58545.25	57830.52	99	111747	386400	6340315	58903.89	58183.91	99	113511
386350	6340615	58553.13	57838.63	99	111759	386400	6340320	58680.35	57962.13	99	113523
386350	6340610	58566.99	57852.02	99	111814	386400	6340325	58742.52	58023.45	99	113535
386350	6340605	58581.29	57867.39	99	111829	386400	6340330	58754.69	58031.79	99	113550
386350	6340600	58593.3	57880.79	99	111847	386400	6340335	58758.18	58035.96	99	113602
386350	6340595	58602.49	57893.22	99	111859	386400	6340340	58754.29	58037.27	99	113614
386350	6340590	58607.95	57899.09	99	111908	386400	6340345	58751.08	58040.23	99	113626
386350	6340585	58619.02	57910.6	99	111923	386400	6340350	58749.18	58040.12	99	113641
386350	6340580	58622.03	57914.62	99	111932	386400	6340355	58751	58038.51	99	113656
386350	6340575	58627.78	57922.12	99	111944	386400	6340360	58750.66	58041.47	99	113708
386350	6340570	58637.23	57933.41	99	111956	386400	6340365	58748.28	58047.51	99	113720
386350	6340565	58645.56	57942.2	99	112008	386400	6340370	58745.05	58050.49	99	113729
386350	6340560	58651.93	57948.34	99	112020	386400	6340375	58742.14	58046.82	99	113738
386350	6340555	58660.6	57957.39	99	112032	386400	6340380	58739.16	58044.77	99	113750
386350	6340550	58664.55	57960.5	99	112044	386400	6340385	58740.96	58045.62	99	113802
386350	6340545	58676.47	57969.06	99	112102	386400	6340390	58742.01	58044.39	99	113814
386350	6340540	58686.35	57977.59	99	112114	386400	6340395	58746.53	58034.55	99	113826
386350	6340535	58693.77	57985.28	99	112129	386400	6340400	58752.02	58027.13	99	113835
386350	6340530	58701.14	57992.32	99	112141	386400	6340405	58755.25	58027.7	99	113844
386350	6340525	58704.76	57994.95	99	112153	386400	6340410	58755.48	58037.44	99	113856
386350	6340520	58707.12	57996.62	99	112202	386400	6340415	58755.4	58041.76	99	113905
386350	6340515	58713.28	58004.96	99	112217	386400	6340420	58751.98	58034.44	99	113917
386350	6340510	58715.57	58007.58	99	112229	386400	6340425	58749.78	58023.25	99	113929
386350	6340505	58716.23	58008.59	99	112241	386400	6340430	58749.9	58020.15	99	113938
386350	6340500	58717.28	58011.15	99	112250	386400	6340435	58755.49	58022.31	99	114014
386350	6340495	58719.74	58014.03	99	112302	386400	6340440	58757.18	58019.07	99	114029
386350	6340490	58722.47	58017.63	99	112317	386400	6340445	58749.01	58027.03	99	114211
386350	6340485	58723.41	58019.33	99	112329	386400	6340450	58746.84	58028.21	99	114223
386350	6340480	58724.11	58019.89	99	112341	386400	6340455	58741.06	58029.15	99	114241
386350	6340475	58728.39	58023.04	99	112350	386400	6340460	58733.62	58023.92	99	114453
386350	6340470	58730.23	58024.54	99	112402	386400	6340465	58731.72	58024.22	99	114502
386350	6340465	58736.62	58030.23	99	112414	386400	6340470	58719.37	58011.62	99	114511
386350	6340460	58736.83	58030.14	99	112426	386400	6340475	58729.17	58022.27	99	114526
386350	6340455	58736.21	58031.06	99	112435	386400	6340480	58726.43	58018.45	99	114544
386350	6340450	58738.85	58036.19	99	112444	386400	6340485	58725.9	58018.85	99	114556
386350	6340445	58742.11	58039.32	99	112453	386400	6340490	58720.57	58015.12	99	114608
386350	6340440	58742.62	58038.91	99	112502	386400	6340495	58720.28	58016.04	99	114617
386350	6340435	58743.27	58038.69	99	112511	386400	6340500	58716.15	58011.58	99	114629
386350	6340430	58742.62	58038.56	99	112523	386400	6340505	58713.49	58009.57	99	114641
386350	6340425	58742.35	58040.44	99	112535	386400	6340510	58711.62	58006.7	99	114653
386350	6340420	58744.43	58043.24	99	112544	386400	6340515	58708.88	58004.07	99	114702
386350	6340415	58746.75	58045.21	99	112553	386400	6340520	58704	57999.12	99	114717
386350	6340410	58745.92	58043.92	99	112602	386400	6340525	58698.46	57993.23	99	114738
386350	6340405	58747.13	58044.7	99	112614	386400	6340530	58694.5	57991.62	99	114805
386350	6340400	58744.22	58041.06	99	112626	386400	6340535	58689.45	57985.6	99	114817
386350	6340395	58747.11	58042.29	99	112638	386400	6340540	58686.71	57980.82	99	114829
386350	6340390	58743.2	58038.3	99	112650	386400	6340545	58686.33	57980.7	99	114838
386350	6340385	58745.15	58040.99	99	112659	386400	6340550	58683.39	57978.02	99	114850
386350	6340380	58756.37	58053.32	99	112708	386400	6340555	58679.55	57975.98	99	114902
386350	6340375	58759.16	58056.42	99	112717	386400	6340560	58674.2	57973.52	99	114917
386350	6340370	58756.53	58053.02	99	112729	386400	6340565	58671.05	57973.26	99	114926
386350	6340365	58769.37	58063.49	99	112741	386400	6340570	58667.77	57973.12	99	114935
386350	6340360	58767.33	58061.97	99	112750	386400	6340575	58663.76	57969.26	99	114947
386350	6340355	58752.97	58047.2	99	112759	386400	6340580	58659.55	57963.22	99	114959
386350	6340350	58749.62	58042.29	99	112811	386400	6340585	58659.63	57959.09	99	115014
386350	6340345	58746.16	58040.34	99	112820	386400	6340590	58650.2	57949.3	99	115023
386350	6340340	58734.1	58029.65	99	112832	386400	6340595	58627.31	57924.18	99	115035
386350	6340335	58658.84	57954.93	99	112841	386400	6340600	58623.03	57918.9	99	115044
386350	6340330	58657.79	57954.03	99	112850	386400	6340605	58639.63	57942.95	99	115541

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
386400	6340610	58642.43	57950.25	99	115602	386400	6340950	58718	58017.7	99	120905
386400	6340615	58638.06	57945.61	99	115614	386400	6340955	58718.1	58019.09	99	120914
386400	6340620	58631.96	57936.82	99	115626	386400	6340960	58723.1	58023.97	99	120926
386400	6340625	58628.76	57933.51	99	115638	386400	6340965	58725.96	58026.08	99	120938
386400	6340630	58627.18	57931.39	99	115644	386400	6340970	58726.69	58028.05	99	120947
386400	6340635	58625.74	57931.59	99	115656	386400	6340975	58725.73	58025.39	99	120959
386400	6340640	58625.85	57930.31	99	115705	386400	6340980	58725.65	58023.63	99	121011
386400	6340645	58626.16	57930.51	99	115720	386400	6340985	58727.61	58025.1	99	121020
386400	6340650	58627.23	57930.07	99	115726	386400	6340990	58727.11	58024.58	99	121029
386400	6340655	58625.21	57925.82	99	115738	386400	6340995	58727.5	58025.06	99	121035
386400	6340660	58627.01	57929.18	99	115747	386400	6341000	58727.29	58024.06	99	121044
386400	6340665	58624.54	57926	99	115756	386400	6341005	58728.92	58026.1	99	121056
386400	6340670	58623.75	57924.22	99	115805	386400	6341010	58729.26	58028.36	99	121105
386400	6340675	58621.96	57921.42	99	115817	386400	6341015	58730.52	58028.14	99	121117
386400	6340680	58624.85	57924.88	99	115826	386400	6341020	58731.03	58027.14	99	121126
386400	6340685	58625.39	57925.72	99	115835	386400	6341025	58732.11	58026.33	99	121138
386400	6340690	58625.95	57927.01	99	115844	386400	6341030	58734.56	58028.19	99	121156
386400	6340695	58623.26	57923.48	99	115856	386400	6341035	58735.09	58027.25	99	121205
386400	6340700	58627.71	57927.96	99	115908	386400	6341040	58735.49	58030.22	99	121214
386400	6340705	58631.04	57929.15	99	115920	386400	6341045	58735.86	58028.12	99	121226
386400	6340710	58632.03	57930.19	99	115929	386400	6341050	58736.26	58029.15	99	121241
386400	6340715	58635.67	57933.81	99	115941	386400	6341055	58738.03	58033.11	99	121250
386400	6340720	58638.48	57936.73	99	115953	386400	6341060	58738.7	58032.41	99	121302
386400	6340725	58640.05	57939.97	99	120005	386400	6341065	58740.56	58037.88	99	121338
386400	6340730	58643.77	57945.82	99	120014	386400	6341070	58739.39	58037.41	99	121347
386400	6340735	58645.92	57947.36	99	120023	386400	6341075	58739.31	58038.38	99	121356
386400	6340740	58645.68	57947.03	99	120035	386400	6341080	58743.51	58044.64	99	121411
386400	6340745	58647.7	57948.84	99	120044	386400	6341085	58743.92	58043.43	99	121429
386400	6340750	58648.63	57949.59	99	120053	386400	6341090	58743.11	58042.56	99	121438
386400	6340755	58651.71	57953.44	99	120102	386400	6341095	58742.93	58042.58	99	121447
386400	6340760	58653.38	57953.67	99	120111	386400	6341100	58744.2	58041.65	99	121459
386400	6340765	58655.71	57956.93	99	120123	386400	6341105	58742.51	58039.73	99	121505
386400	6340770	58657.37	57959.17	99	120132	386450	6341100	58750.28	58047.66	99	121735
386400	6340775	58660.58	57964.85	99	120144	386450	6341095	58750.43	58051.64	99	121744
386400	6340780	58662.84	57968.25	99	120156	386450	6341090	58749.43	58051.42	99	121756
386400	6340785	58664.01	57968.09	99	120205	386450	6341085	58746.14	58045.3	99	121808
386400	6340790	58664.67	57968.2	99	120217	386450	6341080	58743.87	58043.92	99	121820
386400	6340795	58667.62	57969.69	99	120229	386450	6341075	58743.82	58046.08	99	121835
386400	6340800	58668.44	57969.2	99	120241	386450	6341070	58741.51	58046.85	99	121847
386400	6340805	58672.86	57975.53	99	120256	386450	6341065	58740.48	58044.59	99	121856
386400	6340810	58674.15	57977.94	99	120305	386450	6341060	58740.69	58046.71	99	121905
386400	6340815	58675.86	57980.2	99	120314	386450	6341055	58739.44	58046.18	99	121914
386400	6340820	58678.43	57981.56	99	120323	386450	6341050	58738.79	58044.24	99	121923
386400	6340825	58682.42	57986.94	99	120332	386450	6341045	58738.19	58045.45	99	121932
386400	6340830	58684.21	57989.29	99	120347	386450	6341040	58737.55	58045.04	99	121941
386400	6340835	58687.17	57990.37	99	120356	386450	6341035	58736.79	58043.09	99	121950
386400	6340840	58689.06	57988.93	99	120408	386450	6341030	58736.27	58040.42	99	121959
386400	6340845	58691.71	57993.09	99	120417	386450	6341025	58737.51	58041.47	99	122008
386400	6340850	58699.14	57999.48	99	120432	386450	6341020	58738.56	58043.07	99	122020
386400	6340855	58697.72	57996.35	99	120444	386450	6341015	58737.8	58043.53	99	122029
386400	6340860	58696.81	57992.01	99	120502	386450	6341010	58738.93	58040.11	99	122038
386400	6340865	58701.58	57999.4	99	120520	386450	6341005	58739.4	58039.12	99	122047
386400	6340870	58703.53	57997.01	99	120529	386450	6341000	58737.18	58034.9	99	122059
386400	6340875	58707.32	58001.66	99	120544	386450	6340995	58737.89	58036.26	99	122108
386400	6340880	58707.62	58002.86	99	120608	386450	6340990	58737.67	58032.85	99	122117
386400	6340885	58709.28	58006.39	99	120623	386450	6340985	58737.79	58033.09	99	122126
386400	6340890	58706.98	58004.8	99	120638	386450	6340980	58739.05	58034.25	99	122135
386400	6340895	58710.79	58009.72	99	120653	386450	6340975	58740.45	58035.57	99	122147
386400	6340900	58705.77	58003.04	99	120702	386450	6340970	58735.9	58037.48	99	122202
386400	6340905	58705.5	58001.53	99	120714	386450	6340965	58731.3	58036.53	99	122223
386400	6340910	58708.52	58005.93	99	120726	386450	6340960	58728.68	58035.73	99	122235
386400	6340915	58716.32	58015.36	99	120738	386450	6340955	58724.83	58033.66	99	122247
386400	6340920	58716.63	58017.28	99	120756	386450	6340950	58731.72	58044.97	99	122305
386400	6340925	58724.62	58024.68	99	120811	386450	6340945	58727.86	58040.22	99	122320
386400	6340930	58714.86	58013.75	99	120820	386450	6340940	58716.15	58029.9	99	122338
386400	6340935	58714.48	58012.43	99	120832	386450	6340935	58712.72	58030.8	99	122426
386400	6340940	58714.73	58015.42	99	120847	386450	6340930	58709.58	58027.86	99	122438
386400	6340945	58716.15	58016.7	99	120856	386450	6340925	58710.97	58019.56	99	122514

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
386450	6340920	58715.05	58019.03	99	122529	386450	6340580	58714.13	58004.78	99	123817
386450	6340915	58717.38	58016.65	99	122538	386450	6340575	58724.79	58017.15	99	123826
386450	6340910	58718.73	58015.28	99	122550	386450	6340570	58684.15	57988.34	99	124253
386450	6340905	58719.63	58013.53	99	122559	386450	6340565	58689.65	57992.74	99	124305
386450	6340900	58719.15	58010.14	99	122608	386450	6340560	58696.96	57998.17	99	124317
386450	6340895	58716.72	58003.74	99	122620	386450	6340555	58702.02	57996.48	99	124332
386450	6340890	58722.15	58006.56	99	122629	386450	6340550	58705.44	58000.02	99	124341
386450	6340885	58722.28	58003.3	99	122641	386450	6340545	58708.02	58000	99	124353
386450	6340880	58723.5	58004.09	99	122650	386450	6340540	58712.42	58000.93	99	124405
386450	6340875	58721.64	58001.07	99	122705	386450	6340535	58715.95	58009.03	99	124414
386450	6340870	58721.03	58003.26	99	122717	386450	6340530	58718.84	58005.67	99	124429
386450	6340865	58720.79	58003.32	99	122726	386450	6340525	58723.26	58010.43	99	124438
386450	6340860	58717.81	58001.08	99	122735	386450	6340520	58724.3	58010.79	99	124508
386450	6340855	58716.59	58002.88	99	122744	386450	6340515	58724.31	58014.33	99	124520
386450	6340850	58714.92	58011.39	99	122753	386450	6340510	58727.15	58014.69	99	124529
386450	6340845	58713.2	58001.54	99	122802	386450	6340505	58729.18	58015.8	99	124541
386450	6340840	58715.12	58004.08	99	122811	386450	6340500	58730.22	58016.28	99	124553
386450	6340835	58712.82	58002.91	99	122820	386450	6340495	58729.89	58016.06	99	124614
386450	6340830	58711.62	58002.99	99	122829	386450	6340490	58730.08	58019.75	99	124638
386450	6340825	58713.2	58002.09	99	122841	386450	6340485	58732.5	58021.8	99	124647
386450	6340820	58709.73	58000.97	99	122850	386450	6340480	58733.78	58022.2	99	124659
386450	6340815	58709.19	58003.37	99	122859	386450	6340475	58735.98	58023.29	99	124711
386450	6340810	58707.68	58002.7	99	122908	386450	6340470	58737.36	58025.8	99	124720
386450	6340805	58714.28	58004.84	99	122920	386450	6340465	58738.55	58028.53	99	124732
386450	6340800	58710.28	57998.25	99	122932	386450	6340460	58739.4	58031.28	99	124744
386450	6340795	58703.34	57992.39	99	122941	386450	6340455	58740.88	58033.82	99	124756
386450	6340790	58700.31	57989.08	99	122953	386450	6340450	58742.46	58033.09	99	124805
386450	6340785	58700.52	57991.38	99	123002	386450	6340445	58743.43	58032.16	99	124817
386450	6340780	58697.08	57988.65	99	123011	386450	6340440	58744.31	58031.86	99	124829
386450	6340775	58695.08	57983.77	99	123020	386450	6340435	58744.89	58031.96	99	124841
386450	6340770	58692.61	57979.53	99	123029	386450	6340430	58744.52	58032.61	99	124850
386450	6340765	58692.58	57982.12	99	123038	386450	6340425	58745.93	58031.56	99	124911
386450	6340760	58691.67	57983.86	99	123050	386450	6340420	58747	58032.26	99	124923
386450	6340755	58691.54	57984.9	99	123102	386450	6340415	58745.94	58031.04	99	124938
386450	6340750	58692.32	57984.12	99	123111	386450	6340410	58747.04	58033.31	99	124947
386450	6340745	58691.25	57983.36	99	123120	386450	6340405	58749.33	58032.68	99	124959
386450	6340740	58690.11	57982.94	99	123129	386450	6340400	58746.16	58031.38	99	125017
386450	6340735	58688.79	57981.81	99	123138	386450	6340395	58752.12	58033.37	99	125032
386450	6340730	58689.29	57983.67	99	123147	386450	6340390	58753.1	58033.17	99	125044
386450	6340725	58689.07	57982.43	99	123159	386450	6340385	58753.89	58029.98	99	125056
386450	6340720	58689.38	57982.41	99	123211	386450	6340380	58755.98	58029.24	99	125108
386450	6340715	58690.9	57982.25	99	123220	386450	6340375	58756.32	58028.79	99	125120
386450	6340710	58690.86	57983.13	99	123229	386450	6340370	58757.23	58033.68	99	125132
386450	6340705	58691.16	57983.14	99	123235	386450	6340365	58750.81	58029.13	99	125141
386450	6340700	58690.56	57982.6	99	123244	386450	6340360	58752.46	58032.32	99	125153
386450	6340695	58687.86	57976.17	99	123253	386450	6340355	58751.04	58034.34	99	125202
386450	6340690	58686.63	57972.16	99	123302	386450	6340350	58752.51	58038.13	99	125214
386450	6340685	58686.33	57973.15	99	123311	386450	6340345	58750.84	58039.3	99	125226
386450	6340680	58688.52	57973.81	99	123320	386450	6340340	58748.97	58040.12	99	125241
386450	6340675	58688.29	57975.2	99	123332	386450	6340335	58747.74	58042.16	99	125256
386450	6340670	58685.65	57972.92	99	123341	386450	6340330	58747.35	58042.37	99	125311
386450	6340665	58687.04	57975.11	99	123353	386450	6340325	58747.62	58043.56	99	125323
386450	6340660	58688.58	57976.7	99	123402	386450	6340320	58748.93	58046.48	99	125335
386450	6340655	58689.75	57980.6	99	123411	386450	6340315	58751.41	58048.09	99	125353
386450	6340650	58689.06	57981.79	99	123423	386450	6340310	58754.24	58047.55	99	125417
386450	6340645	58689.18	57979.74	99	123435	386450	6340305	58745.25	58037	99	125432
386450	6340640	58687.47	57977.41	99	123450	386450	6340300	58894.8	58185.37	99	125447
386450	6340635	58684.53	57977.52	99	123614	386500	6340300	58751.45	58042.59	99	125626
386450	6340630	58684.88	57979.41	99	123629	386500	6340305	58754.55	58043.56	99	125644
386450	6340625	58682.96	57977.82	99	123641	386500	6340310	58758.72	58048.26	99	125717
386450	6340620	58682.82	57977.32	99	123650	386500	6340315	58759.02	58052.83	99	125732
386450	6340615	58683.38	57976.55	99	123659	386500	6340320	58758.05	58052.44	99	125744
386450	6340610	58685.62	57975.18	99	123708	386500	6340325	58757.79	58051.16	99	125756
386450	6340605	58687.94	57978.35	99	123717	386500	6340330	58757.69	58046.26	99	125820
386450	6340600	58690.56	57984.69	99	123732	386500	6340335	58756.72	58041.3	99	125835
386450	6340595	58693.57	57988.06	99	123744	386500	6340340	58757.76	58040.82	99	125850
386450	6340590	58698.37	57990.17	99	123756	386500	6340345	58757.77	58038.36	99	125902
386450	6340585	58706.62	57996.51	99	123808	386500	6340350	58757	58036.74	99	125914

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
386500	6340355	58758.13	58035.05	99	125932	386500	6340695	58744.96	58007.56	99	131420
386500	6340360	58756.8	58035.87	99	125953	386500	6340700	58745.38	58007.28	99	131429
386500	6340365	58755.21	58035.94	99	130005	386500	6340705	58745.51	58006.68	99	131438
386500	6340370	58754.19	58037.18	99	130014	386500	6340710	58751.96	58012.14	99	131450
386500	6340375	58752.98	58036.45	99	130026	386500	6340715	58748.99	58008.61	99	131502
386500	6340380	58750.29	58034.93	99	130038	386500	6340720	58749.79	58009.68	99	131511
386500	6340385	58752.06	58037.28	99	130047	386500	6340725	58749.12	58009.19	99	131520
386500	6340390	58754.94	58040.65	99	130059	386500	6340730	58749.25	58008.64	99	131532
386500	6340395	58744.62	58030.92	99	130108	386500	6340735	58751.56	58009.62	99	131544
386500	6340400	58745.42	58031.54	99	130120	386500	6340740	58753.86	58011.14	99	131553
386500	6340405	58744.53	58029.71	99	130129	386500	6340745	58755.82	58011.69	99	131626
386500	6340410	58746.34	58030.97	99	130144	386500	6340750	58754.58	58010.05	99	131644
386500	6340415	58747.01	58032.67	99	130153	386500	6340755	58755.9	58013.98	99	131711
386500	6340420	58744.14	58031.83	99	130208	386500	6340760	58753.29	58013.27	99	131732
386500	6340425	58745.98	58036.75	99	130220	386500	6340765	58751.88	58012.31	99	131753
386500	6340430	58741.85	58036.38	99	130244	386500	6340770	58753.21	58012.37	99	131811
386500	6340435	58740.6	58037.59	99	130302	386500	6340775	58755.17	58010.9	99	131847
386500	6340440	58739.97	58037.35	99	130314	386500	6340780	58756.53	58012.27	99	131908
386500	6340445	58740.26	58037.94	99	130329	386500	6340785	58757.35	58014.68	99	131920
386500	6340450	58740.73	58037.07	99	130344	386500	6340790	58756.42	58014.48	99	131932
386500	6340455	58740.79	58034.24	99	130359	386500	6340795	58758	58016.52	99	131941
386500	6340460	58741.97	58033.14	99	130423	386500	6340800	58761.35	58019.98	99	131950
386500	6340465	58740.15	58028.48	99	130441	386500	6340805	58760.4	58018.82	99	131959
386500	6340470	58738.05	58027.37	99	130453	386500	6340810	58761.18	58020.13	99	132011
386500	6340475	58737.02	58027.95	99	130508	386500	6340815	58761.39	58017.7	99	132023
386500	6340480	58736.25	58028.86	99	130529	386500	6340820	58760.87	58016.19	99	132032
386500	6340485	58740.22	58032.29	99	130541	386500	6340825	58761.05	58016.94	99	132044
386500	6340490	58744.63	58033.16	99	130553	386500	6340830	58761.89	58019.49	99	132056
386500	6340495	58749.07	58033.35	99	130605	386500	6340835	58761.1	58018.78	99	132108
386500	6340500	58748.41	58027.04	99	130629	386500	6340840	58763.07	58021.53	99	132117
386500	6340505	58744.61	58021.86	99	130644	386500	6340845	58762.93	58021.93	99	132126
386500	6340510	58745.05	58020.25	99	130659	386500	6340850	58762.43	58021.82	99	132135
386500	6340515	58744.91	58019.58	99	130711	386500	6340855	58761.77	58020.83	99	132147
386500	6340520	58746.02	58019.81	99	130726	386500	6340860	58762.93	58020.98	99	132159
386500	6340525	58744.62	58017.04	99	130738	386500	6340865	58764.34	58020.54	99	132211
386500	6340530	58742.06	58013.99	99	130753	386500	6340870	58766.76	58021.42	99	132220
386500	6340535	58785.5	58056.56	99	130811	386500	6340875	58768.4	58021.62	99	132229
386500	6340540	58754.57	58028.19	99	130832	386500	6340880	58772.68	58024.26	99	132241
386500	6340545	58842.13	58118.27	99	130844	386500	6340885	58773.17	58022.96	99	132256
386500	6340550	58756.14	58034.95	99	130853	386500	6340890	58770.28	58021.26	99	132308
386500	6340555	58747.42	58028.18	99	130905	386500	6340895	58769.54	58022.52	99	132320
386500	6340560	58743.34	58023.71	99	130920	386500	6340900	58771.15	58026.02	99	132332
386500	6340565	58743.31	58022.6	99	130932	386500	6340905	58777.96	58033.78	99	132356
386500	6340570	58743.47	58023.13	99	130941	386500	6340910	58787.41	58041.63	99	132408
386500	6340575	58741.69	58021.5	99	130950	386500	6340915	58802.54	58055.1	99	132420
386500	6340580	58741.14	58019.24	99	131002	386500	6340920	58791.71	58043.55	99	132435
386500	6340585	58738.93	58015.38	99	131014	386500	6340925	58786.5	58038.71	99	132447
386500	6340590	58739.05	58013.06	99	131026	386500	6340930	58784.9	58038.18	99	132502
386500	6340595	58738.83	58010.95	99	131038	386500	6340935	58785.44	58038.68	99	132520
386500	6340600	58736.47	58008.01	99	131047	386500	6340940	58774.69	58023.35	99	132544
386500	6340605	58736.76	58008.35	99	131059	386500	6340945	58770.76	58019.17	99	132559
386500	6340610	58735.8	58007.72	99	131108	386500	6340950	58774.19	58026.68	99	132611
386500	6340615	58739.32	58012.32	99	131120	386500	6340955	58788.71	58042.64	99	132626
386500	6340620	58742.09	58015.9	99	131132	386500	6340960	58786.31	58038.64	99	132641
386500	6340625	58736.66	58011.93	99	131144	386500	6340965	58790.76	58042.59	99	132653
386500	6340630	58736.96	58013.8	99	131156	386500	6340970	58791.31	58040.46	99	132702
386500	6340635	58735.18	58011.86	99	131208	386500	6340975	58791.15	58040.92	99	132717
386500	6340640	58736.14	58013.96	99	131217	386500	6340980	58789.82	58037.89	99	132732
386500	6340645	58736.14	58013.79	99	131226	386500	6340985	58789.49	58034.15	99	132747
386500	6340650	58735.84	58013.32	99	131238	386500	6340990	58789.88	58034.13	99	132756
386500	6340655	58737.98	58013.62	99	131250	386500	6340995	58790.86	58034.48	99	132805
386500	6340660	58737.6	58010.66	99	131302	386500	6341000	58792.7	58036.18	99	132814
386500	6340665	58738.34	58009.67	99	131314	386500	6341005	58794.27	58035.93	99	132826
386500	6340670	58741.36	58011.96	99	131326	386500	6341010	58792.92	58034.33	99	132841
386500	6340675	58741.35	58010.9	99	131335	386500	6341015	58793	58034.54	99	132853
386500	6340680	58742.44	58010.39	99	131347	386500	6341020	58794.45	58034.92	99	132905
386500	6340685	58743.78	58009.27	99	131359	386500	6341025	58793.44	58035.02	99	132914
386500	6340690	58747.78	58011.66	99	131408	386500	6341030	58791.98	58038.19	99	132932

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
386500	6341035	58793.32	58038.44	99	132947	386550	6340830	58798.12	58039.62	99	135429
386500	6341040	58793.45	58037.02	99	132959	386550	6340825	58791.23	58033.22	99	135456
386500	6341045	58795.84	58037.67	99	133008	386550	6340820	58789.44	58035.07	99	135508
386500	6341050	58796.91	58035.95	99	133020	386550	6340815	58787.51	58032.88	99	135520
386500	6341055	58797.69	58036.15	99	133032	386550	6340810	58786.57	58032.47	99	135532
386500	6341060	58798.88	58038.93	99	133041	386550	6340805	58786.65	58028.59	99	135550
386500	6341065	58798.03	58040.57	99	133056	386550	6340800	58785.88	58028.86	99	135559
386500	6341070	58799.69	58043.14	99	133111	386550	6340795	58784.55	58027.46	99	135617
386500	6341075	58803.66	58048.35	99	133123	386550	6340790	58785.37	58029.83	99	135629
386500	6341080	58799.68	58045.35	99	133135	386550	6340785	58784.16	58027.12	99	135641
386500	6341085	58800.43	58048.8	99	133156	386550	6340780	58782.57	58026.85	99	135702
386500	6341090	58799.96	58049.35	99	133211	386550	6340775	58782.12	58026.19	99	135711
386500	6341095	58798.52	58046.48	99	133223	386550	6340770	58780.01	58021.67	99	135729
386500	6341100	58798.59	58046.43	99	133235	386550	6340765	58778.97	58020.04	99	135741
386550	6341100	58802.62	58048.96	99	134223	386550	6340760	58780.29	58025.05	99	135753
386550	6341095	58807.01	58045.85	99	134238	386550	6340755	58778.59	58025.55	99	135802
386550	6341090	58807.19	58035.81	99	134253	386550	6340750	58778.55	58024.94	99	135811
386550	6341085	58803.83	58041.73	99	134311	386550	6340745	58778.19	58023.92	99	135820
386550	6341080	58802.31	58044.2	99	134320	386550	6340740	58774.56	58018.5	99	135832
386550	6341075	58802.98	58048.25	99	134329	386550	6340735	58774.68	58023.18	99	135844
386550	6341070	58805.93	58052.69	99	134341	386550	6340730	58774.98	58027.16	99	135856
386550	6341065	58811.8	58047.82	99	134353	386550	6340725	58774.44	58028.34	99	135908
386550	6341060	58818.33	58045.77	99	134402	386550	6340720	58778.69	58025.56	99	135920
386550	6341055	58826.33	58042.34	99	134414	386550	6340715	58778.23	58023.57	99	135932
386550	6341050	58823.9	58037.25	99	134423	386550	6340710	58777.62	58022.68	99	135944
386550	6341045	58829.37	58041.88	99	134438	386550	6340705	58776.61	58019.09	99	135953
386550	6341040	58828.89	58043.19	99	134447	386550	6340700	58776.84	58016.73	99	140002
386550	6341035	58826.62	58043.59	99	134459	386550	6340695	58775.68	58018.4	99	140017
386550	6341030	58824.07	58047.46	99	134514	386550	6340690	58775.01	58021.6	99	140029
386550	6341025	58823.04	58049.3	99	134523	386550	6340685	58773.33	58022.11	99	140041
386550	6341020	58823.61	58048.6	99	134538	386550	6340680	58773.67	58025.69	99	140050
386550	6341015	58824.31	58041.95	99	134550	386550	6340675	58773.56	58027.64	99	140059
386550	6341010	58825.04	58035.9	99	134602	386550	6340670	58773.8	58027.41	99	140108
386550	6341005	58829.41	58031.98	99	134617	386550	6340665	58771.78	58025.22	99	140117
386550	6341000	58835.06	58032.07	99	134632	386550	6340660	58770.45	58021.01	99	140126
386550	6340995	58838.09	58037.44	99	134650	386550	6340655	58770.88	58020.16	99	140138
386550	6340990	58837.38	58038.75	99	134702	386550	6340650	58770.54	58019.38	99	140147
386550	6340985	58837.25	58040.53	99	134717	386550	6340645	58773.47	58022.61	99	140156
386550	6340980	58835.03	58038.49	99	134726	386550	6340640	58778.15	58029.96	99	140205
386550	6340975	58831.79	58036.04	99	134738	386550	6340635	58776.98	58028.25	99	140217
386550	6340970	58830.49	58037.34	99	134750	386550	6340630	58777.12	58029.76	99	140226
386550	6340965	58831.32	58039.98	99	134802	386550	6340625	58778.56	58031.8	99	140235
386550	6340960	58832.24	58042	99	134814	386550	6340620	58778.8	58033.91	99	140244
386550	6340955	58836.39	58042.92	99	134832	386550	6340615	58779.2	58036.62	99	140253
386550	6340950	58836.92	58041.28	99	134841	386550	6340610	58777.69	58038.86	99	140320
386550	6340945	58836.05	58037.79	99	134853	386550	6340605	58775.61	58035.26	99	140338
386550	6340940	58834.64	58041.69	99	134905	386550	6340600	58772.55	58031.75	99	140350
386550	6340935	58834.16	58043.74	99	134917	386550	6340595	58775.47	58034.6	99	140359
386550	6340930	58832.55	58039.45	99	134932	386550	6340590	58776.6	58036.1	99	140411
386550	6340925	58832.52	58044.98	99	134944	386550	6340585	58778.56	58037.26	99	140420
386550	6340920	58827.52	58046.53	99	135002	386550	6340580	58780.55	58031.61	99	140432
386550	6340915	58821.19	58043.07	99	135014	386550	6340575	58780.44	58022.89	99	140456
386550	6340910	58822.07	58045.1	99	135026	386550	6340570	58791.14	58029.13	99	140635
386550	6340905	58815.92	58037.7	99	135041	386550	6340565	58794.09	58033.63	99	140656
386550	6340900	58813.34	58037.14	99	135053	386550	6340560	58803.38	58036.17	99	140729
386550	6340895	58807.53	58032.93	99	135105	386550	6340555	58806.49	58038.39	99	140756
386550	6340890	58807.32	58034.68	99	135117	386550	6340550	58809.05	58042.88	99	140814
386550	6340885	58812.56	58041.4	99	135129	386550	6340545	58833.03	58065.4	99	140835
386550	6340880	58813.59	58043.2	99	135138	386550	6340540	58852.56	58083	99	140847
386550	6340875	58825.52	58056.78	99	135153	386550	6340535	58801.54	58027.44	99	140902
386550	6340870	58825.89	58059.16	99	135205	386550	6340530	58798.79	58023.34	99	140914
386550	6340865	58825.54	58061.52	99	135226	386550	6340525	58797.73	58021.29	99	140923
386550	6340860	58811.19	58049.5	99	135244	386550	6340520	58801.21	58024.94	99	140938
386550	6340855	58797.91	58034.12	99	135259	386550	6340515	58806.69	58029	99	140953
386550	6340850	58793.44	58029.07	99	135311	386550	6340510	58813.01	58027.93	99	141017
386550	6340845	58792.48	58032.23	99	135329	386550	6340505	58813.68	58025.36	99	141029
386550	6340840	58791.7	58032.73	99	135353	386550	6340500	58817.15	58025.69	99	141044
386550	6340835	58794.91	58035.54	99	135408	386550	6340495	58822.66	58026.9	99	141108

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
386550	6340490	58826.26	58022.35	99	141129	386600	6340445	58850.89	58047.48	99	143232
386550	6340485	58831.39	58022.39	99	141150	386600	6340450	58848.05	58045.65	99	143244
386550	6340480	58840.78	58027.84	99	141226	386600	6340455	58845.29	58041.37	99	143259
386550	6340475	58843.2	58028	99	141253	386600	6340460	58842.68	58041.13	99	143320
386550	6340470	58843.85	58036.43	99	141320	386600	6340465	58841.62	58038.99	99	143332
386550	6340465	58842.87	58042.19	99	141350	386600	6340470	58839.96	58039.93	99	143344
386550	6340460	58841.61	58043.38	99	141411	386600	6340475	58840.62	58041.75	99	143353
386550	6340455	58845.17	58041.85	99	141429	386600	6340480	58838.24	58045.2	99	143405
386550	6340450	58847.61	58040	99	141444	386600	6340485	58835.42	58049.7	99	143417
386550	6340445	58850.98	58037.09	99	141502	386600	6340490	58831.37	58046.23	99	143447
386550	6340440	58854.04	58038.09	99	141520	386600	6340495	58830.12	58032.88	99	143538
386550	6340435	58856.03	58039.02	99	141535	386600	6340500	58827.15	58029.01	99	143602
386550	6340430	58858.52	58037.9	99	141544	386600	6340505	58825.42	58034.95	99	143635
386550	6340425	58860.76	58035.75	99	141556	386600	6340510	58818.59	58035.06	99	143653
386550	6340420	58865.47	58038.2	99	141614	386600	6340515	58813.04	58038.25	99	143711
386550	6340415	58866.74	58037.84	99	141635	386600	6340520	58806.16	58033.22	99	143723
386550	6340410	58870.13	58041.82	99	141647	386600	6340525	58796.77	58029.58	99	143741
386550	6340405	58872.23	58044.73	99	141705	386600	6340530	58790.36	58023.78	99	143753
386550	6340400	58879.13	58046.48	99	141723	386600	6340535	58825.13	58053.03	99	143808
386550	6340395	58872.41	58036.13	99	141741	386600	6340540	58809.49	58039.79	99	143820
386550	6340390	58875.82	58042.2	99	141759	386600	6340545	58810.5	58036.94	99	143829
386550	6340385	58879.66	58046.07	99	141814	386600	6340550	58808.18	58038.26	99	143841
386550	6340380	58883.87	58049.25	99	141829	386600	6340555	58808.78	58038.57	99	143853
386550	6340375	58891.88	58043.71	99	141850	386600	6340560	58809.6	58040.23	99	143908
386550	6340370	58897.69	58043.48	99	141902	386600	6340565	58810.08	58044.48	99	143932
386550	6340365	58902.29	58043.07	99	141917	386600	6340570	58817.02	58045.32	99	143944
386550	6340360	58905.09	58043.93	99	141932	386600	6340575	58825.09	58045.78	99	144002
386550	6340355	58911.68	58045.54	99	141947	386600	6340580	58828.21	58040.19	99	144017
386550	6340350	58919.5	58041.85	99	142002	386600	6340585	58830.71	58036.17	99	144032
386550	6340345	58922.41	58042.72	99	142017	386600	6340590	58833.74	58041.43	99	144047
386550	6340340	58924.98	58043.68	99	142029	386600	6340595	58830.71	58041.46	99	144059
386550	6340335	58930.07	58046.1	99	142041	386600	6340600	58826.51	58042.95	99	144117
386550	6340330	58930	58045.23	99	142053	386600	6340605	58821.51	58038.37	99	144132
386550	6340325	58933.49	58044.9	99	142105	386600	6340610	58820.81	58037.08	99	144141
386550	6340320	58931.18	58039.99	99	142120	386600	6340615	58822.21	58033.21	99	144156
386550	6340315	58930.32	58039.09	99	142132	386600	6340620	58826.51	58035.34	99	144205
386550	6340310	58927.54	58042.94	99	142147	386600	6340625	58829.11	58026.51	99	144217
386550	6340305	58931.82	58043.99	99	142159	386600	6340630	58830.65	58022.85	99	144229
386550	6340300	58935.53	58035.31	99	142214	386600	6340635	58829.26	58015.33	99	144241
386600	6340300	58890.99	58062.46	99	142514	386600	6340640	58827.83	58016.77	99	144250
386600	6340305	58889.4	58059.57	99	142541	386600	6340645	58829.82	58019.87	99	144259
386600	6340310	58885.2	58057.95	99	142556	386600	6340650	58830.2	58022.7	99	144308
386600	6340315	58886.12	58060.6	99	142617	386600	6340655	58825.15	58027.3	99	144335
386600	6340320	58886.22	58062.7	99	142629	386600	6340660	58826.73	58035.15	99	144347
386600	6340325	58888.38	58065.66	99	142644	386600	6340665	58827.64	58042.16	99	144359
386600	6340330	58877.67	58052.36	99	142714	386600	6340670	58826.42	58047.76	99	144411
386600	6340335	58867.15	58048.61	99	142729	386600	6340675	58825.33	58051.36	99	144423
386600	6340340	58861.47	58038.23	99	142744	386600	6340680	58825.1	58048.12	99	144438
386600	6340345	58863.38	58033.35	99	142756	386600	6340685	58819.7	58046.47	99	144453
386600	6340350	58866.25	58027.68	99	142808	386600	6340690	58815.87	58045.43	99	144505
386600	6340355	58871.89	58033.1	99	142820	386600	6340695	58815.34	58043.96	99	144517
386600	6340360	58878.91	58047.1	99	142835	386600	6340700	58814.38	58039.09	99	144529
386600	6340365	58884.94	58052.94	99	142850	386600	6340700	58832.87	58023.59	99	144638
386600	6340370	58884.49	58054.91	99	142902	386595	6340700	58828.19	58042.19	99	144805
386600	6340375	58882.92	58055.74	99	142917	386590	6340700	58826.36	58041.88	99	144823
386600	6340380	58878.58	58055.61	99	142941	386585	6340700	58821.88	58041.03	99	144835
386600	6340385	58873.13	58056.49	99	142959	386580	6340700	58822.94	58043.69	99	144850
386600	6340390	58871.11	58063.03	99	143011	386575	6340700	58821.43	58041.94	99	144859
386600	6340395	58864.74	58070.15	99	143023	386570	6340700	58819.01	58037.06	99	144908
386600	6340400	58857.74	58066.69	99	143038	386565	6340700	58818.95	58030.45	99	144920
386600	6340405	58854.08	58065.63	99	143053	386560	6340700	58821.03	58024.08	99	144929
386600	6340410	58854.28	58063.58	99	143105	386555	6340700	58825.69	58025.83	99	144938
386600	6340415	58850.45	58054.77	99	143117	386550	6340700	58828.22	58023.31	99	144947
386600	6340420	58853.92	58048.6	99	143129	386545	6340700	58830.9	58021.6	99	144956
386600	6340425	58851.68	58044.73	99	143138	386540	6340700	58835.54	58024.05	99	145008
386600	6340430	58849.44	58042.07	99	143156	386535	6340700	58838.06	58020.62	99	145023
386600	6340435	58850.05	58046.47	99	143208	386530	6340700	58837.88	58014.97	99	145032
386600	6340440	58850.85	58045.05	99	143223	386525	6340700	58839.01	58017.31	99	145044

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
386520	6340700	58840.85	58016.2	99	145053	386180	6340700	58724.56	57924.53	99	150411
386515	6340700	58842.34	58014.8	99	145102	386175	6340700	58908.72	58112.2	99	150420
386510	6340700	58842.22	58010.58	99	145111	386170	6340700	59256.52	58459.86	99	150435
386505	6340700	58838.96	58006.84	99	145123	386165	6340700	59345.62	58545.79	99	150447
386500	6340700	58834.97	58001.27	99	145135	386160	6340700	59077.74	58276.36	99	150459
386495	6340700	58834.05	57999.35	99	145147	386155	6340700	58986.56	58186.24	99	150508
386490	6340700	58831.42	57997.98	99	145156	386150	6340700	58948.52	58145.48	99	150520
386485	6340700	58830.47	58000.76	99	145208	386145	6340700	58692.81	57893.35	99	150535
386480	6340700	58829.48	57998.55	99	145217	386140	6340700	58611.01	57811.61	99	150547
386475	6340700	58829.69	57997.17	99	145226	386135	6340700	58547.77	57744.49	99	150559
386470	6340700	58826.86	57996.19	99	145238	386130	6340700	58530.28	57728.2	99	150614
386465	6340700	58824.79	57991.54	99	145247	386125	6340700	58515.18	57710.93	99	150623
386460	6340700	58820.76	57989.53	99	145256	386120	6340700	58490.07	57691.95	99	150635
386455	6340700	58816.89	57986.25	99	145305	386115	6340700	58505.26	57703.52	99	150647
386450	6340700	58813.04	57982.52	99	145317	386110	6340700	58528.37	57729.12	99	150702
386445	6340700	58806.17	57978.17	99	145332	386105	6340700	58543.02	57742.11	99	150711
386440	6340700	58802.45	57977.13	99	145344	386100	6340700	58561.94	57762.42	99	150723
386435	6340700	58797.56	57972.27	99	145353	386095	6340700	58587.78	57787.86	99	150738
386430	6340700	58795.59	57967.96	99	145402	386090	6340700	58608.84	57808.38	99	150750
386425	6340700	58790.13	57961.64	99	145411	386085	6340700	58629.62	57833.17	99	150759
386420	6340700	58783.13	57957.66	99	145420	386080	6340700	58646.46	57853.22	99	150814
386415	6340700	58776.52	57950.62	99	145432	386075	6340700	58660.47	57867.79	99	150826
386410	6340700	58771.53	57944.63	99	145444	386070	6340700	58654.26	57873.28	99	150923
386405	6340700	58764.66	57935.51	99	145456	386065	6340700	58669.01	57888.04	99	150941
386400	6340700	58753.56	57923.3	99	145511	386060	6340700	58683.9	57903.76	99	150953
386395	6340700	58747.06	57921.38	99	145526	386055	6340700	58693.56	57910.09	99	151005
386390	6340700	58738.83	57909.75	99	145538	386050	6340700	58702.75	57918.71	99	151017
386385	6340700	58732.15	57906.41	99	145550	386045	6340700	58709.34	57924.52	99	151032
386380	6340700	58728.3	57898	99	145559	386040	6340700	58717.64	57932.61	99	151044
386375	6340700	58720.22	57887.72	99	145608	386035	6340700	58725.38	57941.8	99	151102
386370	6340700	58704.68	57874.4	99	145623	386030	6340700	58732.91	57949.08	99	151114
386365	6340700	58693.85	57865.06	99	145632	386025	6340700	58737.79	57953.07	99	151126
386360	6340700	58680.48	57849.17	99	145644	386020	6340700	58742.27	57955.97	99	151141
386355	6340700	58668.17	57835.67	99	145653	386015	6340700	58759.31	57967.67	99	151202
386350	6340700	58642.88	57815.86	99	145705	386010	6340700	58770.63	57969.62	99	151223
386345	6340700	58625.81	57801.55	99	145714	386005	6340700	58777.84	57970.14	99	151241
386340	6340700	58606.87	57782.28	99	145726	386000	6340700	58779.7	57971.93	99	151253
386335	6340700	58589.41	57757.45	99	145744	385995	6340700	58782.87	57977.92	99	151305
386330	6340700	58578.21	57747.89	99	145759	385990	6340700	58784.57	57980.15	99	151317
386325	6340700	58566.16	57730.23	99	145811	385985	6340700	58782.84	57982.16	99	151335
386320	6340700	58550.94	57716.46	99	145835	385980	6340700	58783.38	57984.69	99	151344
386315	6340700	58510.97	57677.91	99	145853	385975	6340700	58786.44	57989.92	99	151353
386310	6340700	58483.61	57649.72	99	145908	385970	6340700	58786.15	57990.45	99	151402
386305	6340700	58449.34	57613.61	99	145920	385965	6340700	58794.79	57997.37	99	151414
386300	6340700	58414.81	57578.92	99	145932	385960	6340700	58797.59	57993.88	99	151426
386295	6340700	58363.5	57528.49	99	145947	385955	6340700	58799.83	57993.02	99	151435
386290	6340700	58330.85	57498.87	99	150002	385950	6340700	58799.99	57990.9	99	151447
386285	6340700	58309.89	57480.47	99	150014	385945	6340700	58802.18	57997.11	99	151459
386280	6340700	58271.48	57447.41	99	150026	385940	6340700	58798.98	58001.21	99	151511
386275	6340700	58239.5	57414.46	99	150035	385935	6340700	58800.44	58009.34	99	151523
386270	6340700	58189.24	57366.78	99	150044	385930	6340700	58797.12	58016.01	99	151538
386265	6340700	58129.92	57311.25	99	150056	385925	6340700	58794.36	58017.38	99	151550
386260	6340700	58079.4	57266.07	99	150108	385920	6340700	58796.82	58021.79	99	151602
386255	6340700	58042.83	57234.62	99	150117	385915	6340700	58800.26	58023.98	99	151614
386250	6340700	58022.31	57215.14	99	150126	385910	6340700	58798.09	58017.11	99	151626
386245	6340700	57999.97	57197.4	99	150141	385905	6340700	58797.54	58015.49	99	151635
386240	6340700	58008.7	57201.8	99	150150	385900	6340700	58798.13	58017.43	99	151653
386235	6340700	58073.17	57262.38	99	150205	385895	6340700	58799.43	58014.75	99	151711
386230	6340700	58129.16	57320.63	99	150217	385890	6340700	58804.67	58013.45	99	151726
386225	6340700	58211.19	57404.13	99	150226	385885	6340700	58810.88	58014.99	99	151744
386220	6340700	58278.05	57475.64	99	150238	385880	6340700	58815.59	58012.11	99	151759
386215	6340700	58298.55	57495.73	99	150250	385875	6340700	58818.35	58009.77	99	151820
386210	6340700	58307.28	57504.16	99	150302	385870	6340700	58824.47	58018.78	99	151835
386205	6340700	58305.86	57502.75	99	150314	385865	6340700	58823.17	58023.66	99	151850
386200	6340700	58349.99	57543.65	99	150326	385860	6340700	58810.78	58031.26	99	151926
386195	6340700	58549.57	57741.93	99	150341	385855	6340700	58811.57	58036.03	99	151938
386190	6340700	58557.61	57755.12	99	150350	385850	6340700	58811.07	58031.87	99	151956
386185	6340700	58686.11	57885.26	99	150402	385845	6340700	58808.31	58028.42	99	152014

APPENDIX 2B. 2006 GROUND MAGNETIC DATA

line	station	Mag Raw	Mag Diurnal	signal	time	line	station	Mag Raw	Mag Diurnal	signal	time
UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength		UTMX_NAD27	UTMY_NAD27	(nT)	Corrected (nT)	Strength	
385840	6340700	58804.2	58023.14	99	152029						
385835	6340700	58811.19	58030.33	99	152038						
385830	6340700	58810.19	58029.44	99	152059						
385825	6340700	58809.97	58028.83	99	152117						
385820	6340700	58812.24	58029.46	99	152129						
385815	6340700	58813.54	58026.48	99	152147						
385810	6340700	58811.81	58024.35	99	152159						
385805	6340700	58813.96	58025.97	99	152208						
385800	6340700	58813.79	58027.82	99	152223						

APPENDIX 2C
OVERVIEW OF THE GSM MAGNETOMETER UNIT

Overhauser

Magnetometer / Gradiometer / VLF (GSM-19 v6.0)

GEM's unique Overhauser system combines data quality, survey efficiency and options into an instrument that matches costlier optically pumped cesium capabilities.

And the latest v6.0 technology upgrades provide even more value, including:

Integrated GPS option (the only system with fully built-in GPS)

25% increase in sensitivity over GEM's v5.0 system

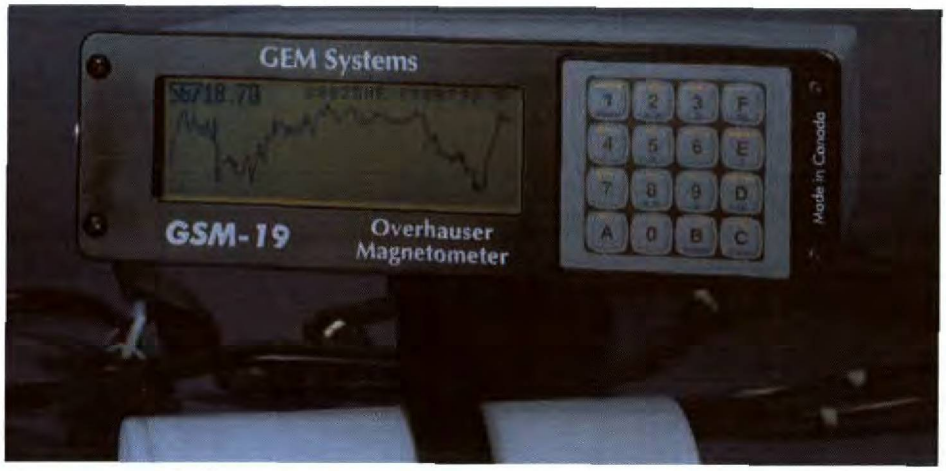
Enhanced memory (increased by 8 times to 4 Mbytes standard and expandable to 32 Mbytes)

Programmable base station (for scheduling base stations in one of three modes)

Rapid data transfer (using the advanced GEMLinkW software)

Internet-based upgrades (from the office or field)

And all of these technologies come complete with the most attractive prices and warranty in the business!



Overhauser (GSM-19) console with sensor and cable. Can also be configured with additional sensor for gradiometer(simultaneous) readings.

The GSM-19 v6.0 Overhauser instrument is the total field magnetometer / gradiometer of choice in today's earth science environment -- representing a unique blend of physics, data quality, operational efficiency, system design and options that clearly differentiate it from other quantum magnetometers.

With data quality exceeding standard proton precession and comparable to costlier optically pumped cesium units, the GSM-19 *is a standard (or emerging* standard) in many fields, including:

- o Mineral exploration (ground and airborne base station)
- o Environmental and engineering
- o Pipeline mapping
- o Unexploded Ordnance Detection
- o Archeology
- o Magnetic observatory measurements
- o Volcanology and earthquake prediction

Taking Advantage of the Overhauser Effect

Overhauser effect magnetometers are *essentially proton precession devices* -- except that they produce an order-of-magnitude greater sensitivity. These "supercharged" quantum magnetometers also deliver high absolute accuracy, rapid cycling (up to 5 readings / second), and exceptionally low power consumption.

The Overhauser effect occurs when a special liquid (with unpaired electrons) is combined with hydrogen atoms and then exposed to secondary polarization from a radio frequency (RF) magnetic field.

The unpaired electrons transfer their stronger polarization to hydrogen atoms, thereby generating a strong precession signal -- that is ideal for very high-sensitivity total field measurements.

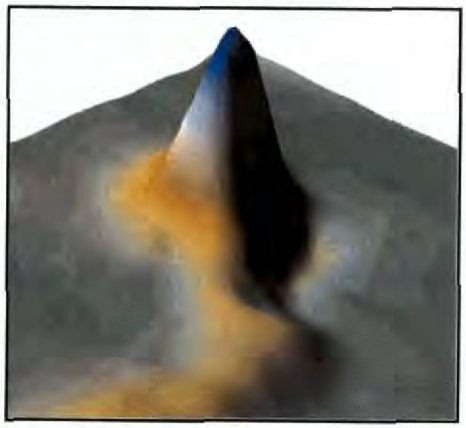
In comparison with proton precession methods, RF signal generation also keeps power consumption to an absolute minimum and eliminates noise (i.e. generating RF frequencies are well out of the bandwidth of the precession signal).

In addition, polarization and signal measurement can occur simultaneously -- which enables faster, sequential measurements. This, in turn, facilitates advanced statistical averaging over the sampling period and/or increased cycling rates (i.e. sampling speeds).

Other advantages are described in the section called, "GEM's Commercial *Overhauser System" that appears later in* this brochure.

Maximizing Your Data Quality with the GSM-19

Data quality is a function of five key parameters that GEM has taken into consideration carefully in the design of the GSM-19. These include sensitivity, resolution, absolute accuracy, sampling rates and gradient tolerance.



Data from Kalahari Desert kimberlites. Courtesy of MPH Consulting (project managers), IGS c. c. (geophysical contractor) and Aegis Instruments (Pty) Ltd., Botswana.

Sensitivity is a measure of the signal-to-noise ratio of the measuring device and reflects both the underlying physics and electronic design. The physics of the Overhauser effect improves sensitivity by an order of magnitude over conventional proton precession devices. Electronic enhancements, such as high-precision precession frequency counters (see the v6.0 -- New Milestones section) enhance sensitivity by 25% over previous versions.

The result is high quality data with sensitivities of 0.015 nT / √Hz or better. This sensitivity is virtually the same as the sensitivity of costlier optically-pumped cesium systems.

Resolution is the minimum step of the counter used to measure precession frequency and its conversion into magnetic field. It is generally higher (an order of magnitude) than the sensitivity to avoid a contribution of the counter to overall system noise. The GSM-19 has unmatched resolution (0.01 nT).

This level of resolution translates into well-defined, characteristic anomalies; improved visual display; and enhanced numerical data for processing and modeling.

Absolute accuracy defines maximum deviation from the true value of the measured magnetic field. Since nobody really knows the true value of the field, absolute accuracy is determined by considering factors involved in determining the field value and their accuracy, including the gyromagnetic constant, maximum offset of the time base frequency, etc .

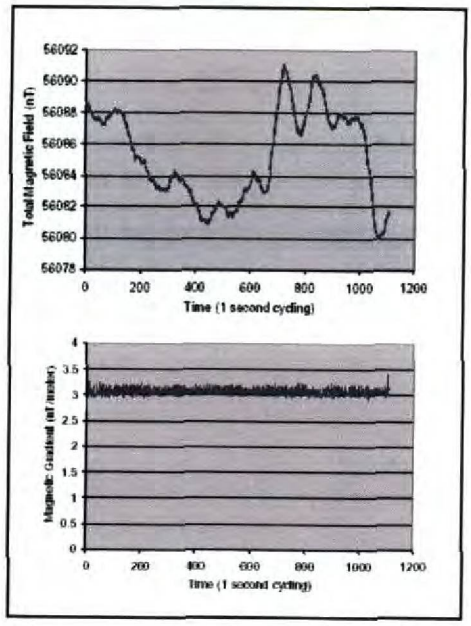
With an absolute accuracy of +/- 0.1 nT, the GSM-19 is ideal for total field work and gradient measurements maintain the same high standard of quality. Both configurations are also specially designed to minimize overall system noise so that you can be sure that your results truly reflect the geologic signal that is of most interest to you.

Sampling rates are defined as the fastest speed at which the system can acquire data. This is a particularly important parameter because high sampling rates ensure accurate spatial resolution of anomalies and increase survey efficiency.

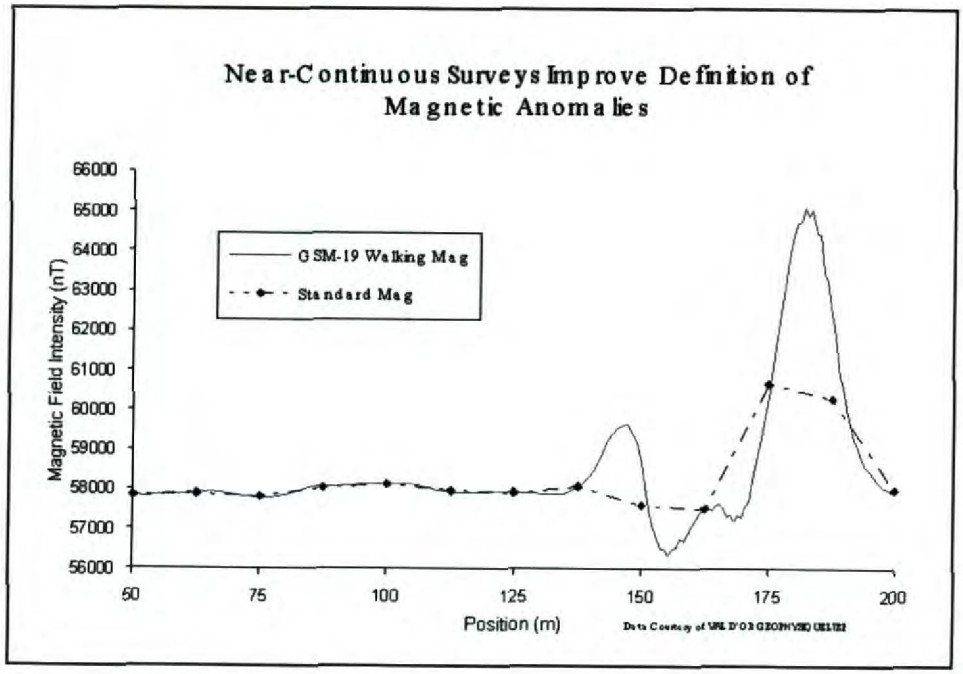
GEM's Overhauser system has three "measurement modes" or maximum sampling rates -- "Standard" (3 seconds / reading), "Walking" (0.5 seconds / reading) and "Fast" (0.2 seconds / reading). These rates make the GSM-19 a versatile system for all ground uses (including vehicle-borne applications).

Gradient tolerance is the ability to obtain reliable measurements in the presence of extreme field variations. GSM-19 tolerance is maintained through internal signal counting algorithms, sensor design and Overhauser physics. For example, the Overhauser effect produces high amplitude, long-duration signals that facilitate measurement in high gradients.

The system's tolerance (10,000 nT / meter) makes it ideal for many challenging environments -- such as highly magnetic rocks in mineral exploration applications, or near cultural objects in environmental, UXO or archeological applications.



Total Field and Stationary Vertical Gradient showing the gradient largely unaffected by diurnal variation. Absolute accuracy is also shown to be very high (0.2 nT/meter).



Much like an airborne acquisition system, the GSM-19 "Walking" magnetometer option delivers very highly-sampled, high sensitivity results that enable very accurate target location and / or earth science decision-making.

Increasing Your Operational Efficiency

Many organizations have standardized their magnetic geophysical acquisition on the GSM-19 based on high performance and operator preference. This reflects enhancements such as memory capacity; light weight; GPS and navigation; no warm-up time; no dead zones or heading errors; and dumping and processing.

Memory capacity controls the efficient daily acquisition of data, acquisition of positioning results from GPS, and the ability to acquire high volumes of data to meet daily survey objectives.

V6.0 upgrades have established the GSM-19 as the commercial standard for memory with over 262,000 readings (based on a basic configuration of 4 Mbytes of memory and a survey with time, coordinate, and field values).

Optional increments up to 32 Mbytes increase memory to over 2 million readings -- making the GSM-19 an ideal system for acquisition of data with integrated GPS readings (when required).

Portability characteristics (ruggedness, light weight and power consumption) are essential for operator productivity in both normal and extreme field conditions.

GEM's Overhauser magnetometer is established globally as a robust scientific instrument capable of withstanding temperature, humidity and terrain extremes. It also has the reputation as the lightest and lowest power system available -- reflecting Overhauser effect and RF polarization advantages.

In comparison with proton precession and optically pumped cesium systems, the GSM-19 system is the choice of operators as an easy-to-use and robust system.

GPS and navigation options are increasingly critical considerations for earth science professionals.

GPS technologies are revolutionizing data acquisition -- enhancing productivity, increasing spatial resolution, and providing a new level of data quality for informed decision-making.

As an innovative technology developer, GEM has made GPS a cornerstone of its magnetic R&D program. Real time GPS and DGPS options are now available in different survey resolutions. For more details, see the GPS and DGPS section.

GEM has also developed a GPS Navigation feature with real-time coordinate transformation to UTM, local X-Y coordinate rotations, automatic end-of-line flag, guidance to the next line, and survey "lane" guidance with cross-track display and audio indicator.

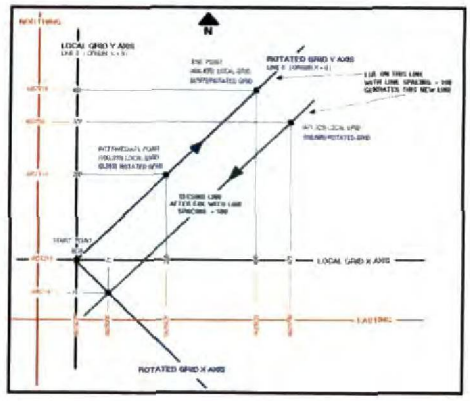
Other enhancements include way point pre-programming of up to 1000 points. Professionals can now define a complete survey on their PC and download points to the magnetometer via RS-232 connection -- before leaving for the field.

The operator then simply performs the survey using the way points as their survey guide. This capability decreases survey errors, improves efficiency, and ensures more rapid survey completion.

Dumping and processing effectiveness is also a critical consideration today. Historically, up to 60% of an operator's "free" time can be spent on low-return tasks, such as data dumping.

Data dumping times are now significantly reduced through GEM's implementation of high-speed, digital data links (up to 115 kBaud).

This functionality is facilitated through a new RISC processor as well as GEM's proprietary GEMLinkW acquisition / display software. This software serves as a bi-directional RS-232 terminal. It also has integrated processing functionality to streamline key processing steps, including diurnal data reduction. GEMLinkW is provided free to all GSM-19 customers and regular updates are available.



Navigation and Lane Guidance

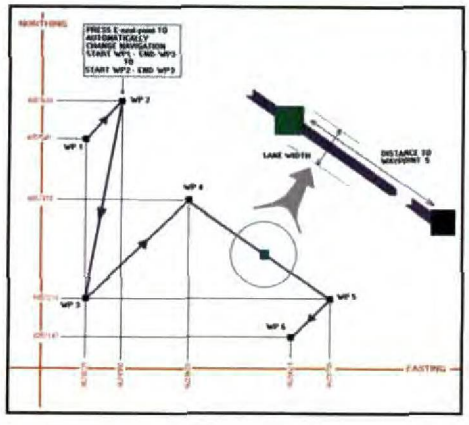
The figure above shows the Automatic Grid (UTM, Local Grid, and Rotated Grid). With the Rotated Grid, you can apply an arbitrary origin of your own definition. Then, the coordinates are always in reference to axes parallel to the grid. In short, your grid determines the map, and not the NS direction.

The Local Grid is a scaled down, local version of the UTM system, and is based on your own defined origin. It allows you to use smaller numbers or ones that are most relevant to your survey.

The figure below shows how programmable-waypoints can be used to plan surveys on a point-by-point basis.

Initially, you define waypoints and enter them via PC or the keyboard. In the field, the unit guides you to each point.

While walking between waypoints, lane guidance keeps you within a lane of pre-defined width using arrows (< - or - >) to indicate left or right. Within the lane, the display uses horizontal bars (- -) to show your relative position in the lane. The display also shows the distance (in



Adding Value through Options

When evaluating the GSM-19 as a solution for your geophysical application, we recommend considering the complete range of options offered by GEM. These options can be added at time of original purchase or later to expand capabilities as your needs change or grow.

GEM's approach with options is to provide you with an expandable set of building blocks:

- o Gradiometer
- o Walking Magnetometer / Gradiometer
- o Fast Magnetometer / Gradiometer
- o VLF (3 channel)
- o GPS (built-in or external)

GSM-19G Gradiometer Option

The GSM-19 gradiometer is a versatile, entry level system that can be upgraded to a full-featured "Walking" unit (model GSM-19WG) in future.

The GSM-19G configuration comprises two sensors and a "Standard" console that reads data to a maximum of 1 reading every three seconds.

An important GEM design feature is that its gradiometer sensors *measure the two magnetic fields concurrently* to avoid any temporal variations that could distort gradiometer readings. Other features, such as single-button data recording, are included for operator ease-of-use.

GSM-19W / WG "Walking" Magnetometer / Gradiometer Option

GEM Systems pioneered the innovative "Walking" option that enables the acquisition of nearly continuous data on survey lines. Since its introduction, the GSM-19W / GSM-19WG have become one of the most popular magnetic instruments in the world.

Similar to an airborne survey in principle, the system records data at discrete time intervals (up to 2 readings per second) as the instrument is carried along the line.

At each survey picket (fiducial), the operator touches a designated key. The system automatically assigns a picket coordinate to the reading and linearly interpolates the coordinates of all intervening readings (following survey completion during post-processing).

A main benefit is that the high sample density improves definition of geologic structures and other targets (UXO, archeological relics, drums, etc.).

It also increases survey efficiency because the operator can record data almost continuously. Another productivity feature is the instantaneous recording of data at pickets. This is a basic difference between the "Walking" version and the GSM-19 / GSM-19G (the "Standard" mode version which requires 3 seconds to obtain a reading each time the measurement key is pressed).

GSM-19F / FG "Fast" Magnetometer / Gradiometer Option

The "Fast" version reads up to 5 readings per second. (Sensors and console are the same as other models.) This system is ideal for vehicle-borne surveys, such as UXO, archeological or some mineral exploration applications, where very high productivity is required.

GSM-19 "Hands-Free" Backpack Option

The "Walking" Magnetometer and Gradiometer can be configured with an optional backpack-supported sensor. The backpack is uniquely constructed -- permitting measurement of total field or gradient with both hands free.

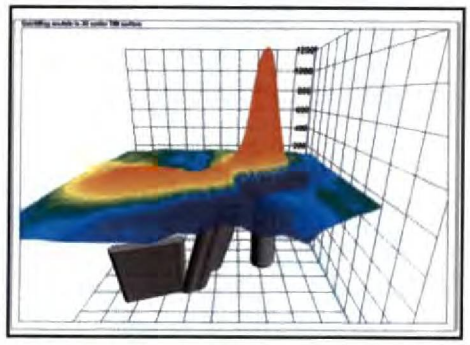
This option provides greater versatility and flexibility, which is particularly valuable for high-productivity surveys or in rough terrain.

GSM-19M / GV "VLF" Option

With GEM's omnidirectional VLF option, up to 3 stations of VLF data can be acquired without orienting. Moreover, the operator is able to record both magnetic and VLF data with a single stroke on the keypad.

3rd Party Software - A One-Stop Solution for Your Potential Field Needs

Now it's even easier to take data from the field and quality control stage through to final map preparation and modeling.



GEM-VIS provides links to fast 3D modeling via Encom's professional QuickPro software.

GEM provides the most comprehensive solution available for working with magnetometer data:

- o Free **GEMLinkW** *Transfer and Internet Upgrade* software
- o Optional, low-cost **GEM-*VIS*** *Quality Control, Visualization and Analysis*
- o Optional *Data Processing*
- o Optional **QuickMag Pro** *Automated Modeling and Inversion*

Internal / External GPS Options

To learn more about GEM's leading GPS options, see the GPS and DGPS section.

GSM-19 with internal GPS board. Small antenna attaches above sensor.

Version 6 -- Technology Developments

One of the main differences between GEM and other manufacturers is GEM's 20+ year, consistent focus on developing leading-edge magnetic technologies.

This commitment has led to many innovations in sensor technology; signal counting; firmware and software; and hardware and console design.

The recent release of v6.0 of the GSM-19 system provides many examples of the ways in which GEM continues to advance magnetics technologies for its customers.

Enhanced data quality:

- o 25% improvement in sensitivity (new frequency counting algorithm)
- o new intelligent spike-free algorithms (in comparison with other manufacturers, GEM does not apply smoothing or filtering to achieve high data quality)

Improved operational efficiency:

- o Enhanced positioning (GPS engine with optional integrated / external GPS and real-time navigation)
- o 16 times increase in memory to 32 Mbytes (optional). 4 Mbytes standard
- o 1000 times improvement in processing and display speed (RISC microprocessor with 32-bit data bus)
- 2 times faster digital data link (115 kBaud through RS-232)

Innovative technologies:

- o Battery conservation and survey flexibility (base station scheduling option with 3 modes - daily, flexible and immediate start)
- o Survey pre-planning (up to 1000 programmable waypoints that can be entered directly or downloaded from PC for greater efficiency)
- o Efficient GPS synchronization of field and base units to Universal Time (UTC)
- o Cost saving with firmware upgrades

GEM's Proven Overhauser System

In a *standard Proton magnetometer*, current is passed through a coil wound around a sensor containing a hydrogen-rich fluid. The auxiliary field created by the coil (>100 Gauss) polarizes the protons in the liquid to a higher thermal equilibrium.

When the current, and hence the field, is terminated, polarized protons precess in the Earth's field and decay exponentially until they return to steady state. This process generates precession signals that can be measured as described below.

Overhauser magnetometers use a more efficient method that combines electron-proton coupling and an electron-rich liquid (containing unbound electrons in a solvent containing a free radical). An RF magnetic field -- that corresponds to a specific energy level transition -- stimulates the unbound electrons.

Instead of releasing this energy as emitted radiation, the unbound electrons transfer it to the protons in the solvent. The resulting polarization is much larger, leading to stronger precession signals.

Both Overhauser and proton precession, measure the scalar value of the magnetic field based on the proportionality of precession frequency and magnetic flux density (which is linear and known to a high degree of accuracy). Measurement quality is also calculated using signal amplitude and its decay characteristics. Values are averaged over the sampling period and recorded.

As the world's first and most experienced manufacturer of commercial Overhauser systems, GEM's technical focus on the GSM-19 has resulted in a superior magnetic measuring device with high sensitivity, high cycling speed, low noise, and very low power consumption over a wide temperature range.

With minor software modifications (i.e. addition of a small auxiliary magnetic flux density while polarizing), it can also be easily configured for high sensitivity readings in low magnetic fields (i.e. for equatorial work).

GPS -- Positioning You for Effective Decision Making

The use of Global Positioning Satellite (GPS) technology is increasing in earth science disciplines due to the ability to make better decisions in locating and following up on anomalies, and in improving survey cost effectiveness and time management.

Examples of applications include:

- o Surveying in remote locations with no grid system (for example, in the high Arctic for diamond exploration)
- o High resolution exploration mapping
- o High productivity ferrous ordnance (UXO) detection
- o Ground portable magnetic and gradient surveying for environmental and engineering applications
- o Base station monitoring for observing diurnal magnetic activity and disturbances with integrated GPS time

GEM addresses customer requests for GPS and high-resolution Differential GPS (DGPS) through both the industry's only built-in GPS as well as external GPS.

Built-in GPS offers many advantages such as minimizing weight. The following table marizes GPS options. The 3.0m option is replaced by a 1.5m option.

Description	Range	Services	Output	Nav Option
Standalone	5m	GPS	Time, Lat / Long, UTM	Y
Corrected automatically by GPS without radio modems	3m	WAAS / EGNOS, OmniSTAR	Time, Lat / Long, UTM	Y
Corrected automatically by GPS without radio modems	1m	WAAS / EGNOS, OmniSTAR	Time, Lat / Long, UTM	Y
Corrected automatically by GPS with radio modems	0.1m	RTCM, RTK	Time, Lat / Long, UTM	Y

Key System Components

Key components that differentiate the GSM-19 from other systems on the market include the sensor and data acquisition console. Specifications for components are provided on the right side of this page.

Sensor Technology

GEM's sensors represent a proprietary innovation that combines advances in electronics design and quantum magnetometer chemistry.

Electronically, the detection assembly includes dual pick-up coils connected in series opposition to suppress far-source electrical interference, such as atmospheric noise. Chemically, the sensor head houses a proprietary hydrogen-rich liquid solvent with free electrons (free radicals) added to increase the signal intensity under RF polarization.

From a physical perspective, the sensor is a small size, light-weight assembly that houses the Overhauser detection system and fluid. A rugged plastic housing protects the internal components during operation and transport.

All sensor components are designed from carefully screened non-magnetic materials to assist in maximization of signal-to-noise. Heading errors are also minimized by ensuring that there are no magnetic inclusions or other defects that could result in variable readings for different orientations of the sensor.

Optional omni-directional sensors are available for operating in regions where the magnetic field is near-horizontal (i.e. equatorial regions). These sensors maximize signal strength regardless of field direction.

Data Acquisition Console Technology

Console technology comprises an external keypad / display interface with internal firmware for frequency counting, system control and data storage / retrieval. For operator convenience, the display provides both monochrome text as well as real-time profile data with an easy-to-use interactive menu for performing all survey functions.

The firmware provides the convenience of upgrades over the Internet via the GEMLinkW software. The benefit is that instrumentation can be enhanced with the latest technology without returning the system to GEM -- resulting in both timely implementation of updates and reduced shipping / servicing costs.

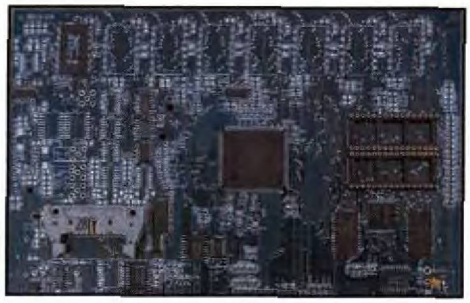
About GEM Advanced Magnetometers

GEM Systems, Inc. delivers the world's only magnetometers and gradiometers with built-in GPS for accurately-positioned ground, airborne and stationary data acquisition. The company serves customers in many fields including mineral exploration, hydrocarbon exploration, environmental and engineering, Unexploded Ordnance Detection, archeology, earthquake hazard prediction and observatory research.

Key products include the QuickTracker™ Proton Precession, Overhauser and SuperSenser™ Optically-Pumped Potassium instruments. Each system offers unique benefits in terms of sensitivity, sampling, and acquisition of high-quality data. These core benefits are complemented by GPS technologies that provide metre to sub-metre positioning.

With customers in more than 50 countries globally and more than 20 years of continuous technology R&D, GEM is known as the only geophysical instrument manufacturer that focuses exclusively on magnetic technology advancement.

"Our World is Magnetic"



Specifications

Performance

Sensitivity:	< 0.015 nT / √Hz
Resolution:	0.01 nT
Absolute Accuracy:	+/- 0.1 nT
Range:	10,000 to 120,000 nT
Gradient Tolerance:	> 10,000 nT/m
Samples at:	60+, 5, 3, 2, 1, 0.5, 0.2 sec
Operating Temperature:	-40C to +55C

Operating Modes

Manual: Coordinates, time, date and reading stored automatically at minimum 3 second interval.

Base Station: Time, date and reading stored at 3 to 60 second intervals.

Remote Control: Optional remote control using RS-232 interface.

Input / Output: RS-232 or analog (optional) output using 6-pin weatherproof connector.

Storage - 4Mbytes (# of Readings)

Mobile:	209,715
Base Station:	699,050
Gradiometer:	174,762
Walking Mag:	299,593

Dimensions

Console:	223 x 69 x 240 mm
Sensor:	175 x 75mm diameter cylinder

Weights

Console with Belt:	2.1 kg
Sensor and Staff Assembly:	1.0 kg

Standard Components

GSM-19 console, GEMLinkW software, batteries, harness, charger, sensor with cable, RS-232 cable, staff, instruction manual and shipping case.

Optional VLF

Frequency Range: Up to 3 stations between 15 to 30.0 kHz

Parameters: Vertical in-phase and out-of-phase components as % of total field. 2 components of horizontal field amplitude and total field strength in pT.

Resolution: 0.1% of total field

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Represented By:

APPENDIX 3
FIELD PERSONNEL AND SUBCONTRACTORS

APPENDIX 3. FIELD DAYS - LEGEND PROPERTY EXPLORATION 2005 - 2006

Person	Position	Field From	Field To	Days
D. Besserer	Principal	February 1, 2006	February 2, 2006	2
M. Dufresne	Principal	July 14, 2006	July 14, 2006	1
S. Milliken	Geologist	January 31, 2006	March 3, 2006	36
K. Raffle	Project Geologist	January 22, 2006	February 25, 2006	37
		March 13, 2006	March 26, 2006	14
J. Holmes	Geological Assistant	March 15, 2006	March 21, 2006	7
M. Kochtubjada	Geological Assistant	December 13, 2005	December 20, 2005	8
		January 14, 2006	January 24, 2006	11
Fred Welke	Geophysical Operator	December 12, 2005	December 21, 2005	10
		January 16, 2006	January 22, 2006	8
		March 15, 2006	March 21, 2006	7
			TOTAL FIELD DAYS	**141**

APPENDIX 4
SUMMARY EXPLORATION EXPENDITURES

APPENDIX 4. Summary Legend Property Exploration Costs: 2005 - 2006

No.	ITEM		AMOUNT	SUBTOTAL	TOTAL
1. APEX Geological Staff Costs - 2005 and 2006					
	Principals directly involved - Field and Office Work		**$15,444.00**		
	Geological Staff - Fieldwork		**$38,475.00**		
	Geological Staff - Office Work		**$16,742.75**		
	Clerical		**$88.00**		
	AutoCAD and GIS		**$3,455.25**		
	Consultants Fees and Rentals: includes truck and quad rentals, phones, computers, microscope magnetometers etc		**$19,411.29**		
				$93,616.29	
2. APEX Field Costs - 2005 and 2006					
	Food Accomodation and Travel		**$3,426.53**		
	Helicopter		**$619.31**		
	Miscellaneous field and Office supplies, cargo, maps, phone charges etc		**$5,217.54**		
	Fuel Costs		**$9,345.94**		
	Airfares and Travel		**$1,209.85**		
	Ground Geophysics Subcontract		**$21,392.86**		
	Environmental Consulting		**$670.32**		
				$41,882.35	
3. APEX Drilling Costs - 2005 and 2006					
	Road access and heavy equipment		**$28,170.90**		
	Canadian Mine Services 2005 - 2006 Charges		**$31,598.55**		
	Full Force Mob-Demob, Drilling and Labour Charges		**$109,268.53**		
	Water Hauling for Drilling		**$35,100.00**		
				$204,137.98	
	TOTAL APEX 2005 - 2006 LEGEND PROJECT COSTS				**$339,636.62**
4. Grizzly Diamond Direct Costs					
	Road Access Agreement with Paramount		[redacted]		
	Brian Testo Expenses				
	Brian Testo Supervision				
	Dahrouge Geological - Purchase of Data				
				$20,877.75	
	TOTAL 2005 - 2006 LEGEND EXPLORATION COSTS				**$360,514.37**

APPENDIX 5
2006 DRILL LOGS

Grizzly Diamonds Ltd. Legend Property 2006 Core Drilling

Hole #:	L06-01	Zone:	12 (NAD27)	Core Size:	NTW & BTW
Date Started:	3-Feb-06	Easting:	366048	Target:	Lammasu South
Date Finished:	13-Feb-06	Northing:	6356186	Drill Co.	Canadian Mining Services
Date Logged:	15-Feb-06	Dip:	-90		
Logged By:	SM	Depth:	172.21m		

From (m)	To (m)	Rock Type	Comments
0.00	27.40		Casing (NW)
27.40	36.80	OB	Overburden: Grey-brown mixed silt and fine sand. Compact with frequent subround to angular lithic clasts to 20cm.
36.80	41.15	OB	Overburden: No recovery. Drillers report sand and gravel rich unit.
41.15	54.71	OB	Overburden: Possible lake bottom sediments. Dark brown to black. **Magnetic**. Finely laminated silt and clay layers. No clasts. Lighter creamy to rusty colored layers beginning at 51.5m. Patchy, very fine grained blue material observed at 50.5, 54.5m.
54.71	70.51	OB	Overburden: Poor to no recovery. Sand and gravel rich zone.
70.51	77.53	OB	Overburden: Same as 27.40-36.80m. Fewer and smaller lithic clasts, to 5cm.
77.53	89.72	OB	Overburden: Sand rich unit. Fine grey sand. No recovery 80.77-86.87m.
89.72	103.90	OB	Overburden: Same as 70.51-77.53m
103.90	172.21	Slt. St.	Siltstone: Dark grey, poorly consolidated siltstone. Compact.very finely laminated. Distinct parting perpendicular to core axis. Occasional small fractures/faults at 20-40o TCA observed throughout. More lithified, lighter colored concretions from 1-20cm, showing laminations, at irregular intervals. crushed shells observed at 121.40m, 131.53m, 162.70m in both siltstone and concretions. **non-magnetic**.
172.21	EOH		

Grizzly Diamonds Ltd. Legend Property 2006 Core Drilling

Hole #:	L06-02	Zone:	12 (NAD27)	Core Size:	BTW & NTW
Date Started:	2-Feb-06	Easting:	360200	Target:	Argonaut
Date Finished:	7-Feb-06	Northing:	6354870	Drill Co.	Full Force Drilling
Date Logged:	8-Feb-06	Dip:	-90		
Logged By:	SM	Depth:	167.03m		

From (m)	To (m)	Rock Type	Comments
0.00	40.00	CAS	Casing
40.00	154.38	OB	Overburden: dark grey, compact mixed sand and clay with 2mm-10cm, angular to subround lithic clasts of varying lithologies.
154.38	167.03	SS	Sandstone: poorly consolidated, compact brown to grey sand with millimeter scale bedding. Interfingered with finer grained dark grey silt and clay rich layers to ~1m thick. No lithic clasts seen. Becomes more clay rich over final 2.5m of hole. Evidence of bedding also seen in silt and clay layers. on same scale as bedding in sand.
167.03	EOH		

Grizzly Diamonds Ltd. Legend Property 2006 Core Drilling

Hole #:	L06-03	Zone:	12 (NAD27)	Core Size:	BTW & NTW
Date Started:	20-Feb-06	Easting:	366177	Target:	Lammasu North
Date Finished:	22-Feb-06	Northing:	6356309	Drill Co.	Full Force Drilling
Date Logged:	23-Feb-06	Dip:	-90		
Logged By:	SM	Depth:	63.09m		

From (m)	To (m)	Rock Type	Comments
0.00	37.06		Casing
37.06	37.29	OB	Overburden: Gravel and medium grained brown sand.
37.29	44.24	OB	Overburden: Possible lake bottom sediments. Dark brown to black, magnetic. Finely laminated silt and clay layers. No clasts. Lighter creamy to rusty colored layers beginning around 42m. Patchy, very fine grained blue material seen. Poor recovery throughout.
44.24	53.50	OB	Overburden: fine grey sand with occasional silt. Core extremely incompetent. Poor recovery throughout.
53.50	63.09	OB	Overburden: muddy, dark grey silt with occasional clasts. Core not competent. Poor recovery.
63.09	EOH		