42A01SE2008 2.19304 EBY

ASSESSMENT REPORT: EBY WEST PROPERTY
Douglas Robinson

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Eby Township

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1:5000 Scale Magnetic Contour Map

1:5000 Scale Magnetic Contour Map with MaxMin Responses

MaxMin Profiles 3555 & 888 Hz & Terrain Profiles Line 4800W
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MaxMin Profiles 3555 & 888 Hz & Terrain Profiles Line 4100W
MaxMin Profiles 3555 & 888 Hz & Terrain Profiles Line 4000W
MaxMin Profiles 3555 & 888 Hz & Terrain Profiles Line 375N
MaxMin Profiles 3555 & 888 Hz & Terrain Profiles Line 000N
MaxMin Profiles 3555 & 888 Hz & Terrain Profiles Line 450S

1:5000 Scale Magnetic Profiles (2 Seconds): Line 4800W
1:5000 Scale Magnetic Profiles (2 Seconds): Line 4700W
1:5000 Scale Magnetic Profiles (2 Seconds): Line 4600W
1:5000 Scale Magnetic Profiles (2 Seconds): Line 4500W
1:5000 Scale Magnetic Profiles (2 Seconds): Line 4400W South Part
1:5000 Scale Magnetic Profiles (2 Seconds): Line 4400W
1:5000 Scale Magnetic Profiles (2 Seconds): Line 4300W South Part
1:5000 Scale Magnetic Profiles (2 Seconds): Line 4300W
1:5000 Scale Magnetic Profiles (1 Seconds): Line 4300W
1:5000 Scale Magnetic Profiles (1 Seconds): Line 4200W
1:5000 Scale Magnetic Profiles (1 Seconds): Line 4100W
1:5000 Scale Magnetic Profiles (1 Seconds): Line 4000W
1:5000 Scale Magnetic Profiles (1 Seconds): Line 375N
1:5000 Scale Magnetic Profiles (1 Seconds): Line 000N
1:5000 Scale Magnetic Profiles (2 Seconds): Line 450S

1:1000 Geology Map with EM responses located

Douglas Robinson P. Eng
February 27, 1999

A. INTRODUCTION

This exploration program is the part of an ongoing project to systematically explore the Eby West property. Line-cutting, geological mapping, a magnetometer survey, a MaxMin EM survey and preparation of this technical report were supervised by Douglas Robinson, the author of this report.

The geophysics and geological mapping were conducted to define target areas for advanced gold exploration. EM responses identified on the Eby West property represent potential structures that could host gold deposits.

B. PROJECT LOCATION (Figure 1)

The Eby West property is located on lots 6 to 11 in Concessions IV and V of Eby Township (Plan # M-345) of the Larder Lake Mining Division. This property is located at Latitude 48°04'00"N and Longitude 80°14'00"W (UTM Zone: 5324000mN, 0555500mE). "Figure 2. Claim Map", and "Figure 3. Geology" provide additional information regarding location.

The reader is referenced to NTS Map Sheets 42A/1 for the general location of the property. Figure 1, 2 and 3 give additional information regarding location.

C. ACCESS (Figure 1)

To access the Eby Township property, travel south 4.0 km along Highway 66 from the intersection with Highway 11. Turn left onto the "West Road" and proceed west 4.6 km to a dirt road leading north. This seasonally dry dirt road (to the north) gives excellent passage to the centre of the exploration area.

D. CLAIM LIST AND CLAIM MAP (Figure 2)

The Eby Township property includes the following 15 claims comprising 26 claim units.

1205781 - NW 1/4 of N 1/2 of Lot 6, Conc IV, Eby Tp (1 unit)
1205782 - NE 1/4 of N 1/2 of Lot 7, Conc IV, Eby Tp (1 unit)
1205783 - NW 1/4 of N 1/2 of Lot 7, Conc IV, Eby Tp &
- NE 1/4 of N 1/2 of Lot 8, Conc IV, Eby Tp (2 unit)
1205784 - NE 1/4 of S 1/2 of Lot 8, Conc V, Eby Tp (1 unit)
1205787 - NW 1/4 of N 1/2 of Lot 8, Conc IV, Eby Tp (1 unit)
1205788 - NW 1/2 of N 1/2 of Lot 9, Conc IV, Eby Tp (2 unit)
1205789 - S 1/2 of S 1/2 of Lot 9, Conc V, Eby Tp (2 unit)
1205790*- N 1/2 of N 1/2 of Lot10, Conc IV, Eby Tp (2 unit)
1205791*- N 1/2 of N 1/2 of Lot11, Conc IV, Eby Tp (2 unit)
1205792*- S 1/2 of N 1/2 of Lot11, Conc IV, Eby Tp (2 unit)
1205793* S 1/2 of N 1/2 of Lot10, Conc IV, Eby Tp (2 unit)
1205794 - S 1/2 of N 1/2 of Lot 9, Conc IV, Eby Tp (2 unit)
1205795 - S 1/2 of N 1/2 of Lot 8, Conc IV, Eby Tp (2 unit)
1205796 - S 1/2 of N 1/2 of Lot 7, Conc IV, Eby Tp (2 unit)
1205798 - S 1/4 of N 1/2 of Lot 6, Conc IV, Eby Tp (2 unit)

The work was concentrated on claims 1205791 1205792 and minor work along the west edge of claims 1205790 and 1205793.

E. REGIONAL GEOLOGY

Stratigraphically the project area falls within the Kinojevis Group which consists mainly of Mg-rich and Fe-rich tholeiitic basalt lavas with some tholeiitic dacite and rhyolite towards the top of the group.

Structurally the project falls within the projection of Larder Lake-Kirkland Lake Deformation Zones which consists of a series of east trending breaks with associated Fe-carbonate alteration. These breaks and associated alteration zones appear to extend from beneath Lake Kenogami to the linear swamp along the concession IV-V line. This area is along the projection of a strong break identified during 1994 OPAP mapping of the Reed and Robinson properties 1.6 to 4 km east of the junction of Highway 11 and Highway 66. At that location a series of east trending alteration zones and a series of crosscutting south east trending alteration zones are associated with a strong deformation zone. These alteration and deformation zones appear to project from south of Vigrass Lake in Otto Township though the midpoint of Lot 2 Concession VI Eby Township to the swamp along the northern portion of this property.

F. PROSPECTING TARGETS

The expected gold targets could be hosted in wide alteration/deformation zones or narrow high grade vein deposits with narrow alteration. The deposits associated with the Larder Lake Main Break are commonly associated with alteration/deformation zones parallel to or splaying off the Larder Lake Break. For example, the high grade vein deposits at Kirkland Lake are hosted in veins associated with the Kirkland Lake Break to the north of the Larder Lake Break. Sulphide contents of expected deposits could range from minor disseminated pyrite to massive sulphides.

G. SUMMARY OF PREVIOUS WORK

Prior to 1985 very little assessment work was recorded on this property. A few test pits and possibly a drill hole are present on the east end of the property. The only systematic work done on the property was done in 1985 by Mary Ellen Resources. At that time a metric grid having a 100 m line spacing with pickets established at 25 m was cut. VLF and magnetometer surveys at 25 m station intervals and geological mapping were performed. The bulk of the detailed work by Mary Ellen Resources was performed on the ground to the north along the then known deformation zone cutting the south east bay of Kenogami Lake.

This property lay dormant from 1985 to 1995 at which time the author staked the property. In 1995 geological mapping and geophysics were initiated over the central and eastern portion of the property. Exploration targets inferred to be alteration/deformation zones, the typical host of gold deposits were traced under deep overburden using geophysics. The 1997 work documented in this report extended this exploration to the west property boundary. The ground to the west has subsequently been staked.

H. TYPE and AMOUNT OF PROSPECTING-EXPLORATION WORK

In 1997 10.766 km of grid line with line spacing of 100 m was cut to control detailed geological mapping and associated hand stripping, a magnetometer survey and a MaxMin EM survey. Lines were cut by David Robinson and Graham Robinson. All mapping was performed by the author. A 11.725 km magnetometer survey was performed by Graham Robinson. David Robinson and Graham Robinson performed 10.775 km MaxMin survey. Project supervision was performed by the author. Geological mapping functions were combined with logistical field support to maintain creature comfort for the geophysical crew.

I. FIELD SUPPORT AND LOGISTICS

Field support and logistics supporting EM and magnetometer surveyors was performed by Douglas Robinson. Support supplies were placed at essential locations and intermittent contact was maintained with these crews. This assured quality and established creature comfort required by the field crews.

J. Terrain Measurements

Topography measurements by Suunto clinometer were collected by Graham Robinson and David Robinson. Typography was recorded in percent and used to maintain the transmitter and receiver coils coplanar during the survey. This process was used to eliminate topographic noise that can result in weak responses being overwhelmed by topographic effects. Weak responses encountered appear to have real sources; either due to bedrock features or surficial deposits.

The topography was plotted at 1:2500 scale on the EM profile sheets and the typed copies of the notes are included in this report.

Terrain Measurement List: Eby West Property

Line Number	Survey Limits		Traverse Length Metres
4800W	475S	425N	900
4700W	500S	450N	950
4600W	500S	475N	975
4500W	500S	450N	950
4400W	550S	450N	1000
4300W	525S	400N	925
4200W	450S	375N	825
4100W	500S	425N	925
4000W	500S	450N	950
375N	4800W	4000W	800
000N	4800W	4000	800
450S	4775W	4000W	775
TOTAL TERRAIN MEASUREMENT			10775

K. MaxMin HORIZONTAL LOOP EM SURVEY

MaxMin EM surveys were performed by David Robinson and Graham Robinson. In Phase and Quadrature Phase profiles and topographic profiles were plotted at 1:2500 scale and reduced to 64% to facilitate efficient record handling and storage. These profiles can be reproduced at 156% to restore the profiles to 1:2500 scale.

All frequencies and the topography profiles were plotted in stacked format to best facilitate interpretation of the responses. In the opinion of the author; this process is the most reliable means to facilitate precise definition and interpretation of individual responses while accounting for the influence of vertical relief. The locations of EM responses were transferred to magnetic profiles, 1:5000 scale magnetic contour maps and the geological map included in this report.

EM notes were typed and included in the report. This was deemed the most secure and reliable process of maintaining these records.

The 888 hz frequency was quiet, detecting a few, very weak bedrock responses. This indicates IP can be used to effectively map disseminated pyrite concentrations possibly hosting gold mineralization.

The 3555 hz frequency produced numerous weak to moderate responses indicating bedrock structure or subsurface topographic feature are present on most lines as tabulated below:

EM Traverse List: Eby West Property

Line Number	Survey Limits		Traverse Length Metres
4800W	475S	425N	900
4700W	500S	450N	950
4600W	500S	475N	975
4500W	500S	450N	950
4400W	550S	450N	1000
4300W	525S	400N	925

4200W	450S	375N	825
4100W	500S	425N	925
4000W	500S	450N	950
375N	4800W	4000W	800
000N	4800W	4000	800
450S	4775W	4000W	775
TOTAL EM			10775

The anomalies listed and described below were dominantly 3555 Hz responses with little or no 888 Hz response. This indicates these responses are caused by structural features, possibly including shears/breaks or resistivity contrast at the contacts between resistive rocks and less resistive rocks. These features may host non conductive disseminated sulphides that commonly host Au deposits in and near the Larder Lake-Kirkland Lake Break. Of particular interest are the possible contacts between resistive silicification/Fe-carbonate alteration and less resistive sometimes fractured rock adjacent to this alteration. Shears and breaks associated with this favourable alteration are also targeted as 3555 hz responses.

Surficial glacial deposits could also cause these 3555 hz MaxMin responses. These deposits could follow favourable bedrock structures.

EM Anomaly LIST: Eby West Property

IP = In phase response
QP = Quadrature phase response.

Line Number	Anomaly Number		Anomaly Description
4800W	087S	NB(A)	3555 QP. Moderate. Possible narrow structure.
			888 QP Very weak. At north edge of magnetic low.
4800W	287N	NB(B)	3555 QP. Moderate Possible narrow structure.
			888 QP Very weak

Magnetics indicate deep

				overburden.
4700W	300S	(C)	3555	QP. Moderate
				Possible narrow structure.
				At south edge of magnetic low.
4700W	200S	(D)	3555	QP. Moderate.
				Possible narrow structure.
4700W	061S	NB(A)	3555	QP. Moderate
				Possible 25 m wide structure.
			888	QP Very weak.
				In magnetic low.
4700W	187N	NB(E)	3555	QP. Moderate
				Possible narrow structure.
				At north edge of magnetic low.
				Good exploration target for alteration and structure on strike with known alteration and mineralization to south west.
				Zone possibly truncated by fault to west?
4700W	315N	NB(B)	3555	QP. Moderate
				Possible narrow structure.
				In magnetic low.
4600W	375S	(C)	3555	QP. Moderate
				Possible narrow structure.
			888	QP Very weak
4600W	180S	(D)	3555	QP. Moderate
				Possible narrow structure.
4600W	138S		3555	QP. Moderate
				Possible narrow structure.
				180S & 138S possible multiple structure
4600W	050N		3555	QP. Moderate
				Possible narrow structure.
4600W	075N	(F)	3555	QP. Moderate
				Possible narrow structure.
				150N & 075S possible multiple structure
4600W	283N	NB(E)	3555	QP. Moderate
				Possible narrow structure.
			888	QP Very weak.
				In magnetic low.
				Good exploration target for alteration and

				structure on strike with known alteration and mineralization to south west.
4500W	323S	(H)	3555	QP. Moderate. Possible narrow structure. At north edge of magnetic low (in deep overburden with topographic high side to north).
4500W	150S	NB(D)	3555	QP. Moderate. Possible narrow structure.
			888	QP Very weak. In magnetic low>
				Possible alteration/structural zone. Spatially associated with red feldspathic alteration.
4500W	075N	(F)	3555	QP. Moderate. Possible narrow structure.
			888	QP Very weak.
				Broad magnetic low. Possible target.
4500W	375N	NB(E)	3555	QP. Moderate Possible narrow structure.
4400W	442S	NB(H)	3555	QP. Weak. Possible narrow structure.
			888	QP Very weak. In broad magnetic low. Probably deep overburden with topographic high side to north.
4400W	122S	(D)	3555	QP. Weak. Possible narrow structure.
			888	QP Very weak.
4400W	050N	(F)	3555	QP. Weak. Possible narrow structure.
			888	QP Very weak. North edge of magnetic low.
4400W	280N		3555	QP. Weak. Possible narrow structure. Magnetics indicate possible 25 m wide depression.

4300W	114S	(D)	3555	QP. Weak. Possible narrow structure.
4300W	050N	(F)	3555	QP. Very weak. Possible narrow structure.
4300W	115N		3555	QP. Very weak. Possible narrow structure.
4200W	175S	NB(D')	3555	QP. Moderate Possible narrow structure.
			888	QP Very weak.
		Possible exploration target. Em response could mark south contact of 35 m wide magnetic low that may be a possible alteration zone.		
4200W	080S		Magnetic break.	
4200W	020N	(F)	3555	QP. Weak. Possible narrow structure.
4200W	075N	(G)	3555	QP. Moderate Possible narrow structure. At north edge of narrow magnetic low.
4100W	458S		3555	QP. Very weak. Possible narrow structure.
4100W	308S		3555	QP. Very weak. Possible narrow structure.
4100W	200S	(D')	3555	QP. Very weak. Possible narrow structure.
4100W	010N	(G)	3555	QP. Very weak. Possible narrow structure.
4100W	250N		3555	QP. Very weak. Possible narrow structure.
4000W	355S		3555	QP > IP. Moderate. Possible narrow structure.
			888	QP > IP. Very Weak. In magnetic low.
4000W	250S	(D')	3555	QP. Weak. Possible narrow structure.
4000W	050S	NB(G)	888	QP. Very weak. conductive zone offset 13 m south of 3555 hz response.

4000W	037S		3555	QP. Moderate. Possible narrow structure.
4000W	275N		3555	QP. Moderate
			888	QP very weak Possible narrow structure. At north edge of magnetic low.
375N	4508W	NB(E)	3555	QP >> IP. Strong.
			888	QP weak. Possible 75 m wide north east trending conductive structure.
				Possible exploration target with flat magnetic signature and conductive response from 4475W-4550W on strike with iron carbonate alteration and pyritic mineralization to south west.
000N	4658W	NB	3555	QP. Moderate Possible narrow structure.
			888	QP. Weak. Possible north trending structure that appears to truncate geology and EM trends. At west edge of magnetic low.
000N	4483W		3555	QP. Moderate Possible narrow structure. At west edge of magnetic low.
000N	4284W		3555	QP. Weak Possible narrow structure. At east edge of magnetic low.
000N	4240W		3555	QP. Weak. Possible narrow structure.
000N	4038W	(G)	3555	QP. Very weak. Possible narrow structure. In magnetic low.
450S	4550W	(C)	3555	QP. Weak. Possible narrow structure.
450S	4000W		3555	QP. Weak. Possible 50 m wide structure or conductive swamp. In prominent magnetic low.

450S	4150W	3555	QP. Moderate Broad conductive overburden in swamp?

QP = Quadrature Phase Response
IN = In Phase Response
Hz = Frequency in Hertz
Anomaly designations A-H are included to indicate possible correlation between responses between lines.

L. MAGNETIC SURVEY

This magnetometer survey used to generate total magnetic field strength profiles was performed by Graham Robinson. Contour maps were generated by Douglas Robinson. A Scintrex Envimag was used in walkmag mode using 1 and 2 second reading intervals which generated total magnetic field strength readings at approximately 1 and 2 metre intervals respectively.

Initially the total magnetic field strength and magnetic gradient grid were measured using 1 second sampling interval; however, this data was abandoned as it was noisy. The grid was then resampled using the same configuration. This data was also noisy and lines 4300-4800 were resampled using a two second sample interval. This data was quiet and is documented in this report (see two second readings in the profile headers). Both the two and one second sample intervals are reported from Line 4300W to demonstrate the character of the noise. The noise appears to be most severe in the high gradient areas. The EM response locations are reported on the magnetic profiles.

Total magnetic field strength data was collected in the following format:

East	North	nT	Noise	Time
3801	-875	57796.5	0.16	14.184167 0
3801	-873.214	57791.9	0.11	14.184722 0
3801	-871.429	57783.2	0.11	14.185556 0
3801	-869.643	57778.3	0.11	14.186111 0
3801	-867.857	57773.3	0.11	14.186667 0
3801	-866.071	57767.1	0.11	14.187222 0
3801	-864.286	57760.2	0.10	14.187778 0
3801	-862.5	57760.4	0.09	14.188333 0

(units nanoTeslas):

Magnetic lows are targeted as targets for gold mineralization. The probable causes of magnetic lows are:

1. Alteration including pervasive Fe-carbonate replacement and silicification, both being potential hosts for secondary Au mineralization.
2. Sediment/tuff horizons which are a favourable host for a primary Au deposits.
3. Non-magnetic flows and dikes having magnetic lows independent of mineralization.
4. Reversed magnetic poles with magnetic rocks giving false magnetic lows.

These potential sources of magnetic lows will have similar signatures. In this report, the magnetic lows with EM responses are considered enhanced exploration targets. EM responses located at the boundary between magnetic highs and magnetic lows are favourable as they could represent the contact between unaltered rocks and magnetite destructive alteration that may host Au deposits. The EM response would support the interpretation as the EM would respond to the resistivity contrast giving a 3555 Hz response. EM responses within magnetic lows are also exploration targets as they could reflect conductive breaks associated with magnetite destructive alteration that may host Au deposits.

Magnetic Traverse List:

Line Number	Survey Limits		Traverse Length Metres	
4800W	500S	450N	950	2 second sample interval
4700W	500S	425N	925	2 second sample interval
4600W	500S	450N	950	2 second sample interval
4500W	500S	450N	950	2 second sample interval
4400W	525S	425N	950	2 second sample interval
4300W	525S	425N	950	2 second sample interval
4300W	500S	425N	925	1 second sample interval
4200W	500S	425N	925	1 second sample interval
4100W	500S	400N	900	1 second sample interval
4000W	500S	425N	925	1 second sample interval
375N	4800W	4000W	800	1 second sample interval
000N	4800W	4000W	800	1 second sample interval
450S	4775W	4000W	775	1 second sample interval
TOTAL MAGNETIC SURVEYS			11725	

The volcanics have a high background magnetic field with strong magnetic relief. The strong magnetic relief appears to be related primarily to background magnetite in the volcanics. Favourable magnetic lows were identified and are discussed in the preceding EM section of this report.

Some of the magnetic lows may be caused by magnetic rocks having a reversed magnetic poles.

The author merged the individual line data sets and removed the noisy (spiked) readings individually from the contour data base only.

M. GEOLOGICAL SURVEY

Tholeiitic volcanics and minor interflow tuffs are the dominant rock type within the mapped area and in the previously mapped part of the claim group to the east. No significant mappable units were identified within the volcanic flows. The volcanics range from very fine to 2 mm crystalline massive flows, with local flow texturing and a few pillowed flows. The trend of the flows could not be confirmed in the map area; however, previous magnetometer surveys and mapping to the east confirms the northwest trend of the volcanic flows. The 100 metre line spacing is too wide to establish the magnetic trends to trace flows and the destructive iron carbonate alteration and silicification.

Intense (pyritic) Fe-carbonate alteration and intense (pyritic) silicification and major quartz veining trend azimuth 040° along the edge of an outcrop lineament extending from Line 4700W to

4500W. EM response "E" of the same strike is located 45 m to the north west within a swampy area. It is unknown if this alteration and mineralization extends to the location of EM response "E". The apparent association of the alteration and the EM response is an exploration target worthy of advanced exploration.

N. RECOMMENDATIONS

The grid should be cut at 50 metre centres and surveyed by Envimag in Walkmag Mode using a two second sample interval. This will resolve the ambiguity generated by the primary north west trending magnetic signature caused by the volcanic stratigraphy and the cross cutting magnetic trend caused by alteration that disrupts the magnetic trend by destruction of magnetic minerals and structural breaks (fault offsets)

Anomaly E on lines 4600 and 4700W and other EM responses should be IP tested after follow up linecutting and magnetic surveys are performed.

O. LIST OF REFERENCES
EBY TOWNSHIP

MEMOIR 131 - Canada Department of Mines
Kenogami, Round, and Larder Lake Areas, Timiskaming District, Ontario, By H. C. Cooke, 1922.

Geological Report 99 - Ontario Department of Mines Preliminary Geology of the Eby and Otto Area, District of Temiskaming By H. L. Lovell, 1972.

Mineral Resources Circular No. 39 - Mineral Resources and Mining Properties in the Kirkland Lake-Larder Lake area. By W. S. Savage, 1964.

Map P. 448 - Ontario Department of Mines Preliminary Geological Map No. P. 448; Eby Township.
Scale 1 inch = 1/2 mile

Map P. 903 - Preliminary Map P.903; Kirkland Lake Data Series; Eby Township.
Scale 1 : 15 840

Map P. 2268 - Ontario Geological Survey Preliminary Map P.2268 Kirkland Lake Area; Eby Township; Airborne Electromagnetic Survey.

Map P. 2268 - Ontario Geological Survey Preliminary Map P.2268; Kirkland Lake Area; Eby Township; Airborne Electromagnetic Survey; Total Field Magnetic Survey.
Scale 1 : 20 000

CERTIFICATE OF QUALIFICATIONS

I, Douglas Robinson, of 24 Victoria Avenue, Swastika, Ontario hereby certify that:

1. I am a registered professional Engineer of the province of Ontario, No. 39322011.

2. I am a graduate of Queen's University in Kingston Ontario with an Honours Bachelor of Science, Geological Engineering 1975, and Northern College, School of Mines in Haileybury, Ontario, 1970.

3. I have been practising my profession since graduation.

4. The information contained in this report is the result of work done by myself and the references cited.

Respectfully submitted

Douglas Robinson

Douglas Robinson, P. Eng.
February 27, 1999



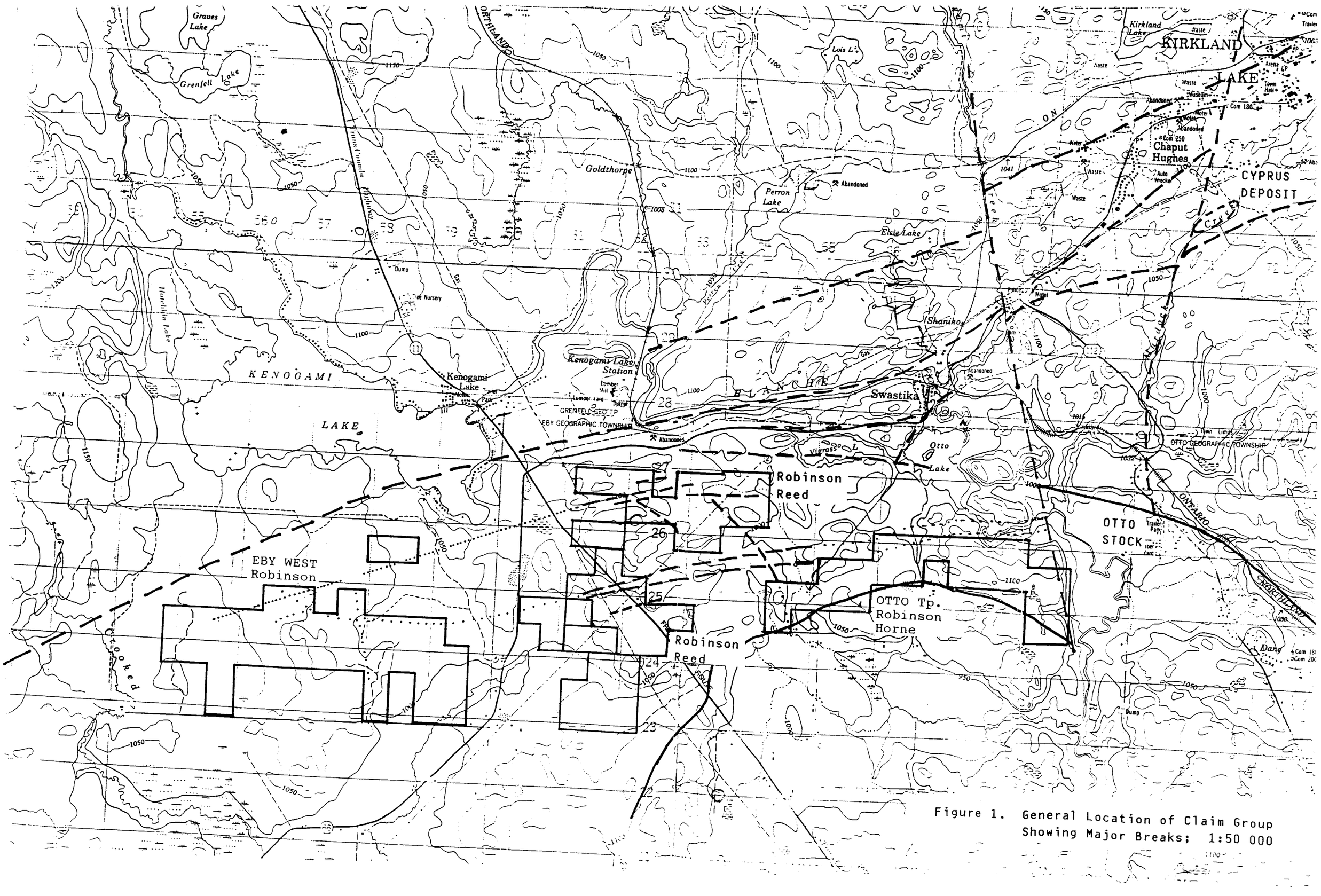


Figure 1. General Location of Claim Group Showing Major Breaks; 1:50 000

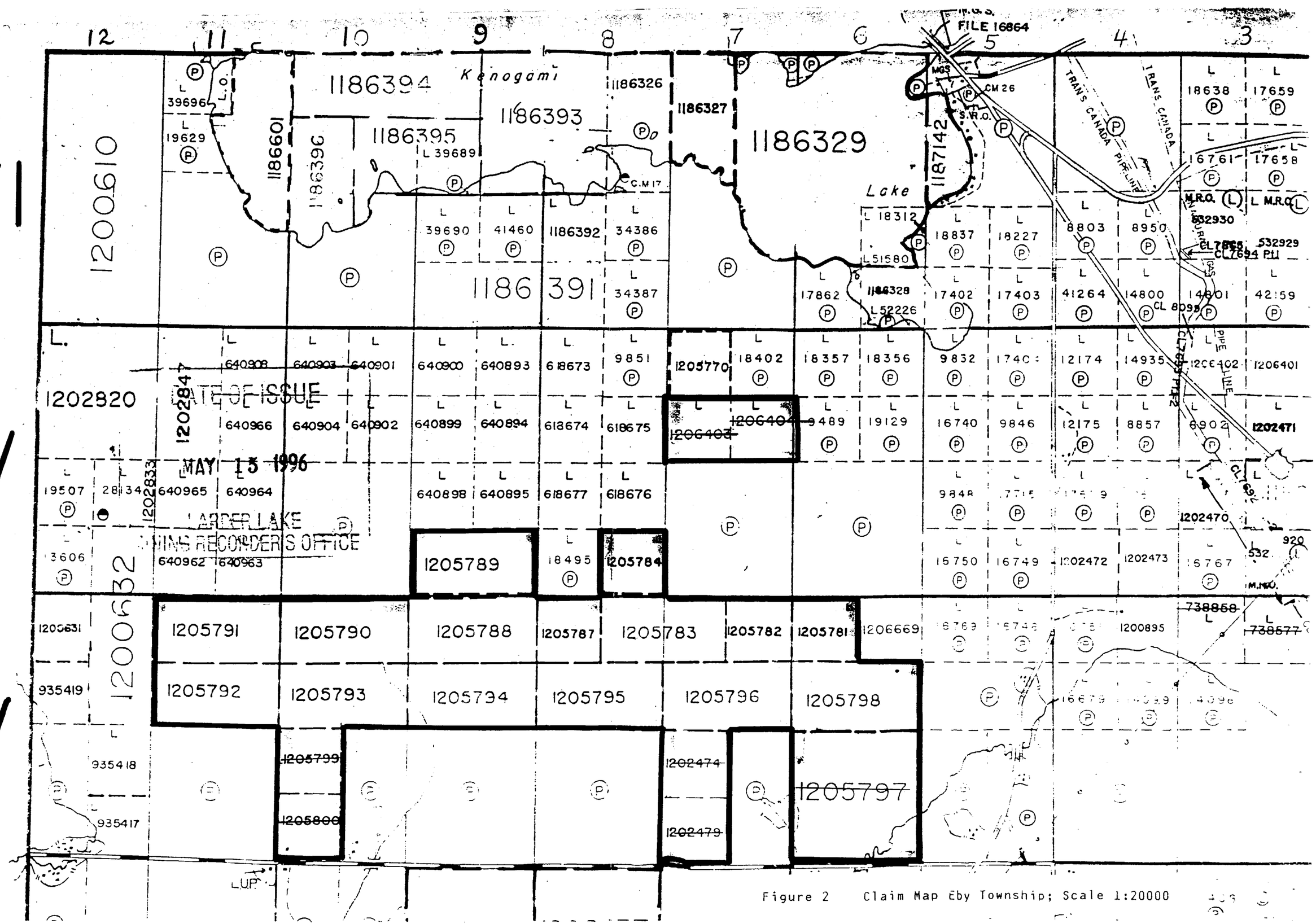


Figure 2 Claim Map Eby Township; Scale 1:20000

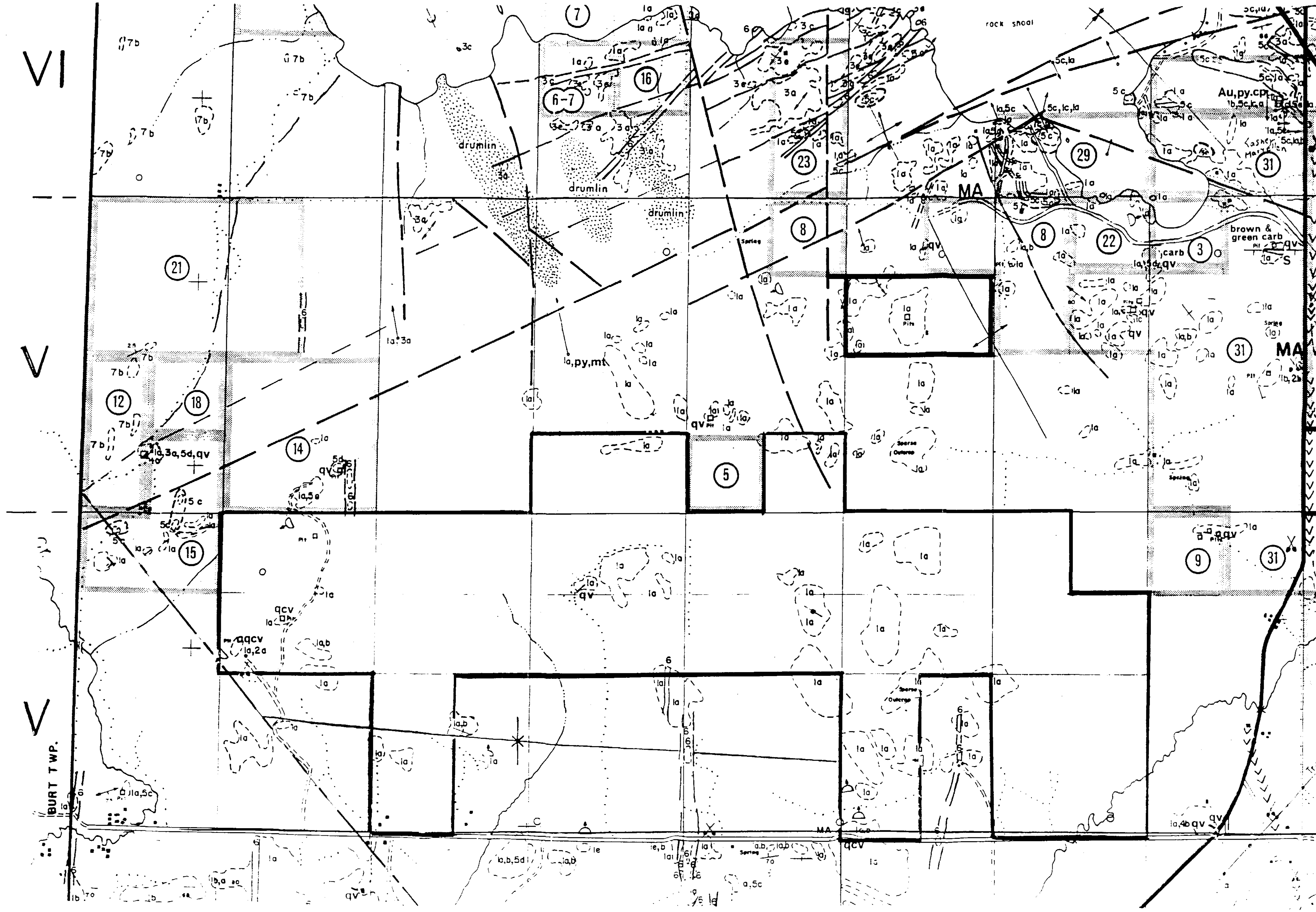


Figure 3a Geology Eby Township: P.448: Scale 1:20000

LEGEND

PRECAMBRIAN

PROTEROZOIC

8 MAFIC INTRUSIVE ROCKS

HURONIAN

COBALT GROUP

7 GOWGANDA FORMATION

ARCHEAN

MAFIC INTRUSIVE ROCKS

6 Diabase

FELSIC INTRUSIVE ROCKS (ALGOMAN)

5c Syenite and Syenite Porphyry

5d Mafic syenite, lamprophyre, and hybrid syenite and country rocks

MAFIC AND ULTRAMAFIC INTRUSIVE ROCKS (HAILEYBURIAN, EARLY ALGOMAN, AND SOME KEEWATIN)

4b Gabbro and Diorite

METASEDIMENTS (TIMISKAMING OR KEEWATIN)

3

FELSIC VOLCANIC ROCKS (KEEWATIN)

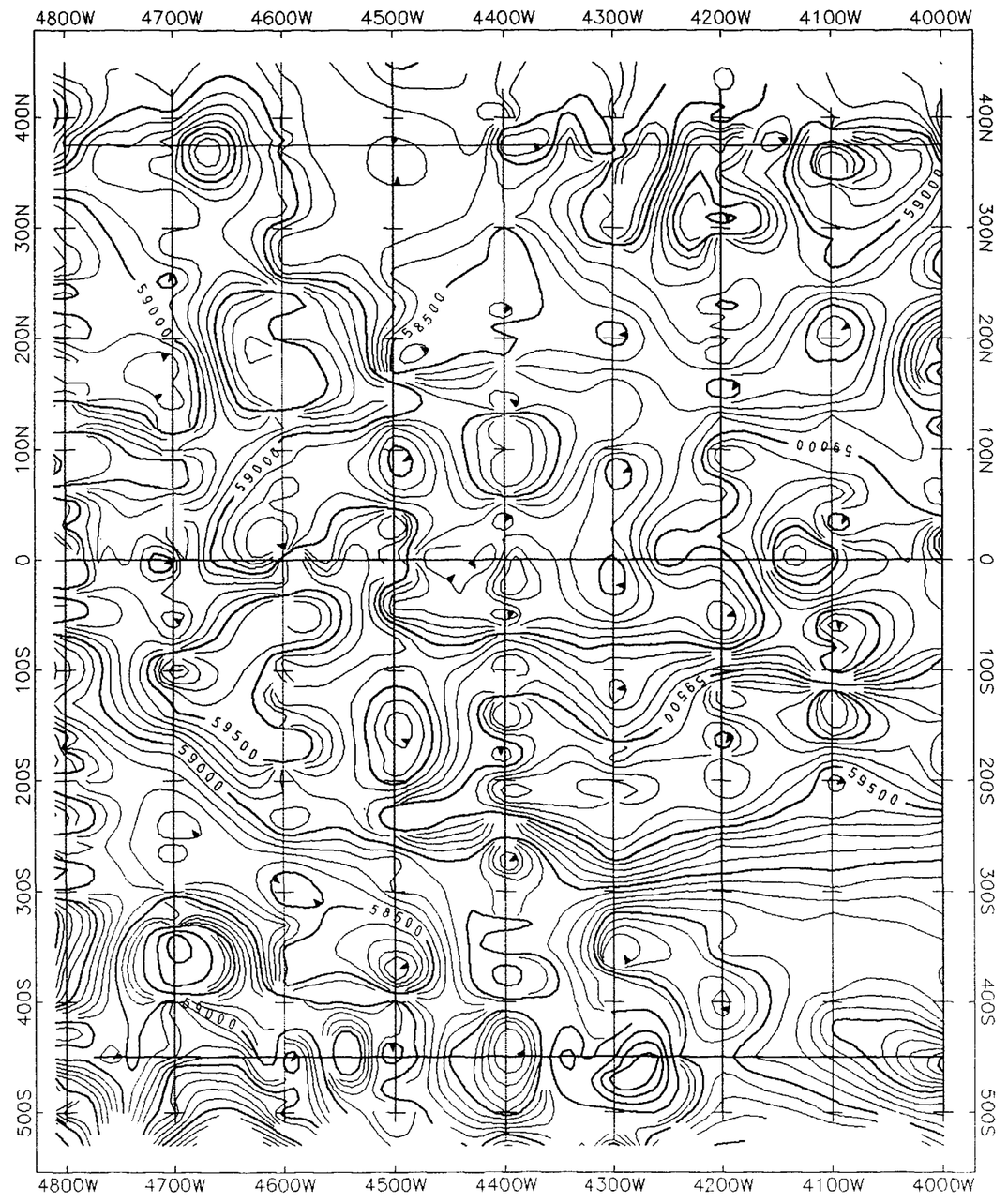
2a Rhyolite and dacite

MAFIC VOLCANIC ROCKS (KEEWATIN)

1a Basalt and andesite (pillowed and massive)

1b Mafic agglomerate and tuff

Figure 3b. General Geology; Legend



EBY WEST GRID: Eby Tp.

Total Magnetic Field Strength

nanoTeslas

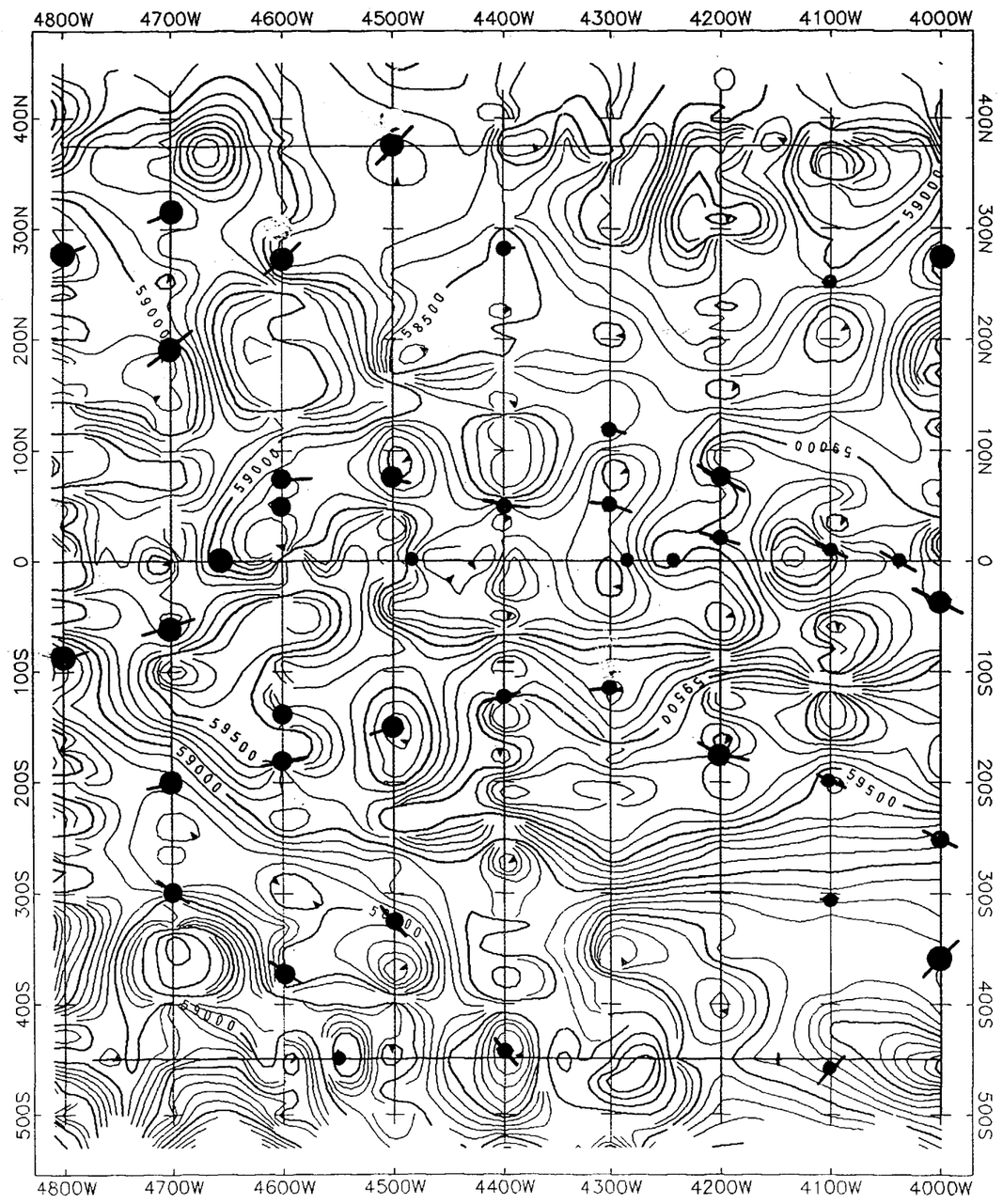
100 0 100

(meters)

Contour Interval: 100 nT

SCINTREX ENVIMAP plot by douglas robinson, doug robinson

Declination: 12 degrees we



3555 Hz
MaxMin
Response

EBY WEST GRID: Eby Tp.

Total Magnetic Field Strength

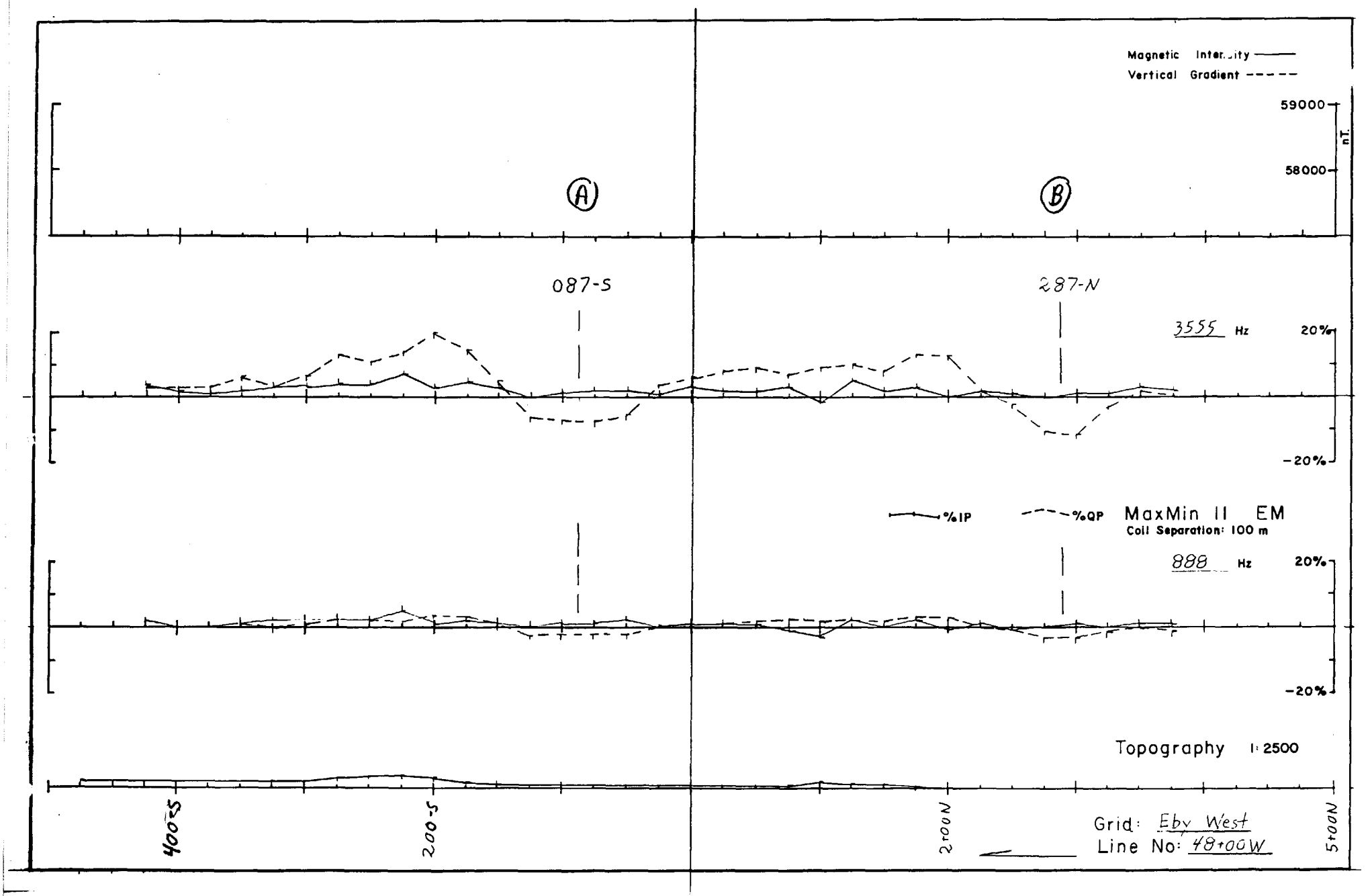
nanoTeslas

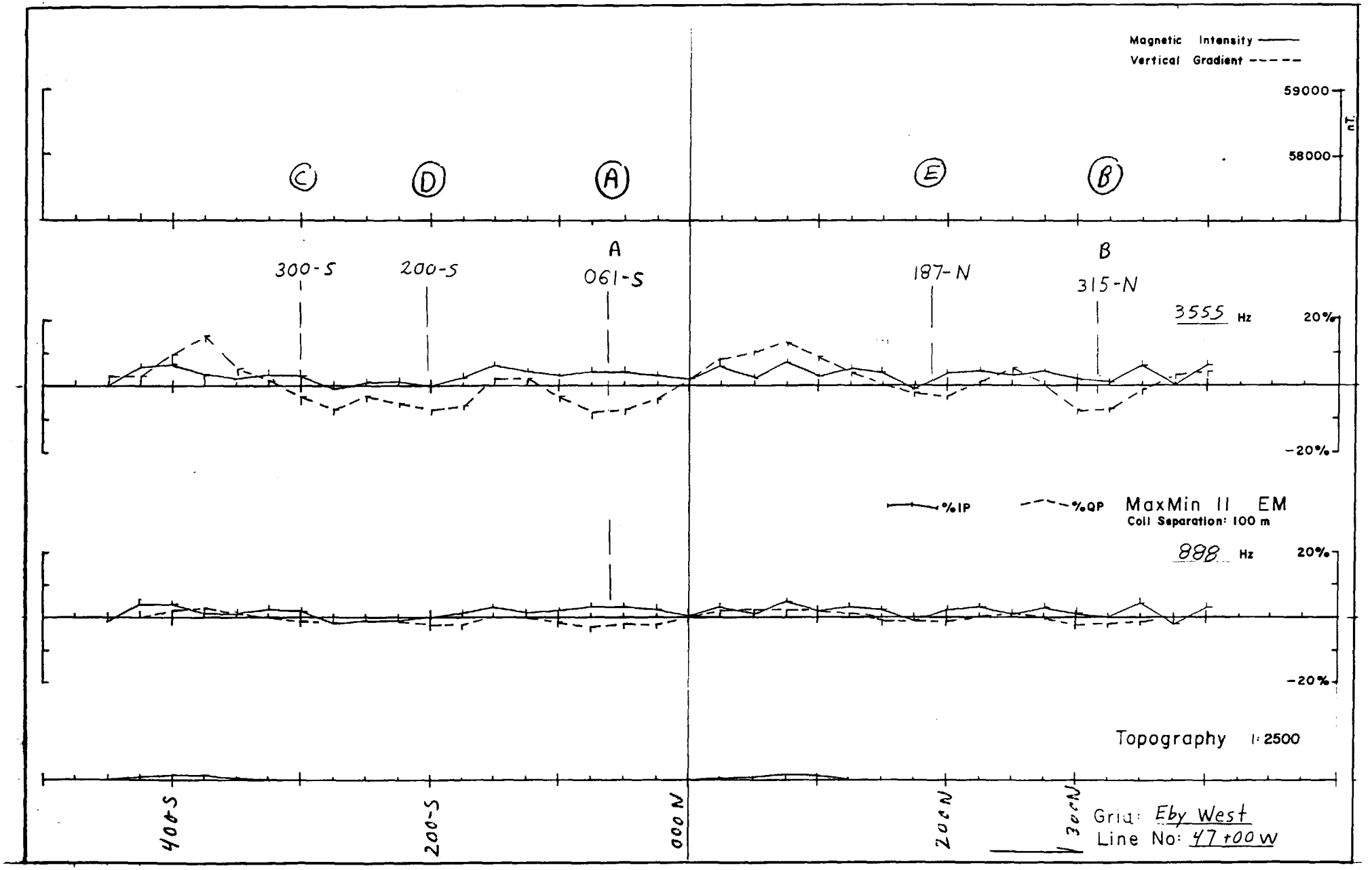
100 0 100
(meters)

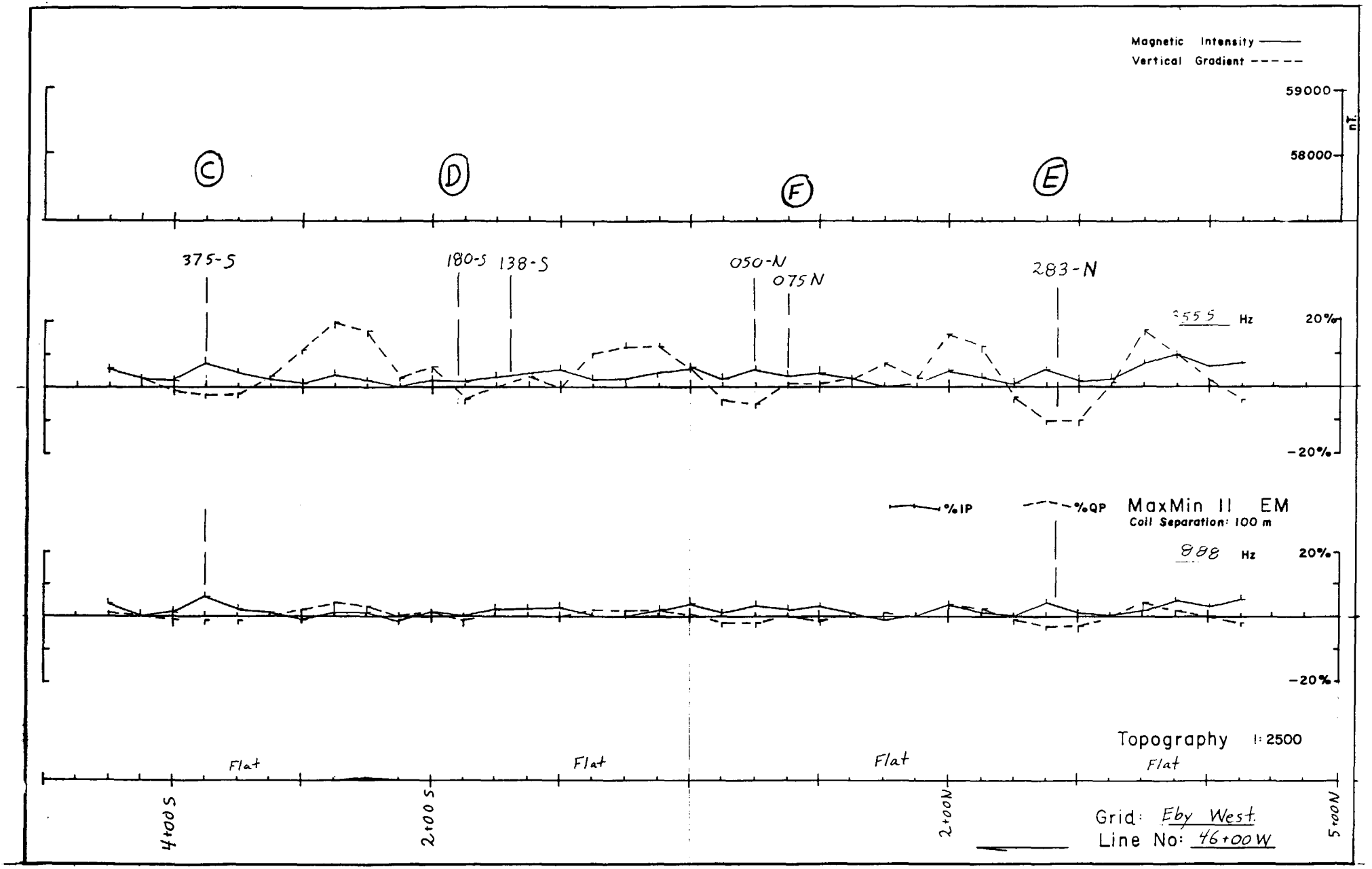
Contour Interval: 100 nT

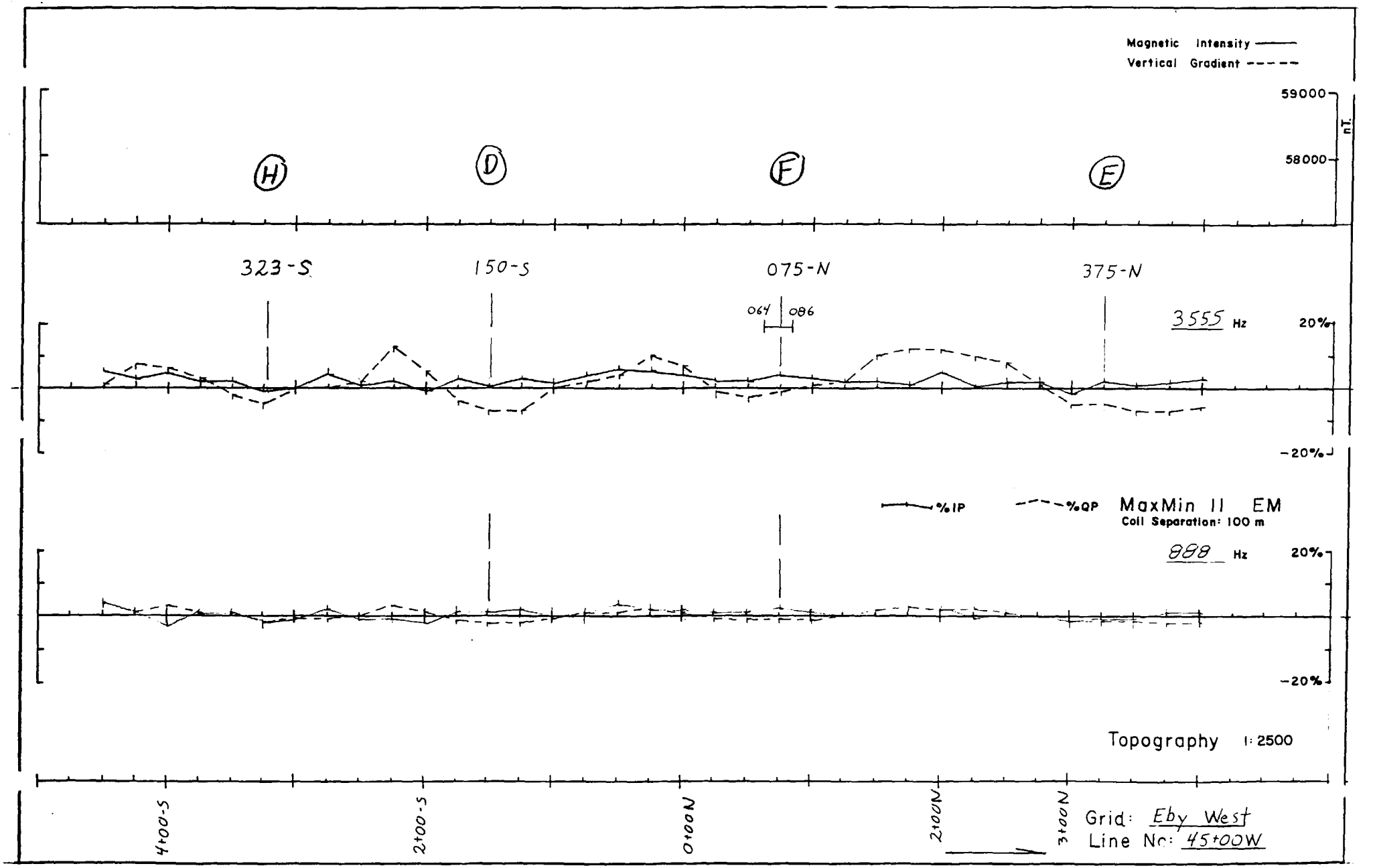
SCINTREX ENVIMAP plot by douglas robinson, doug robinson

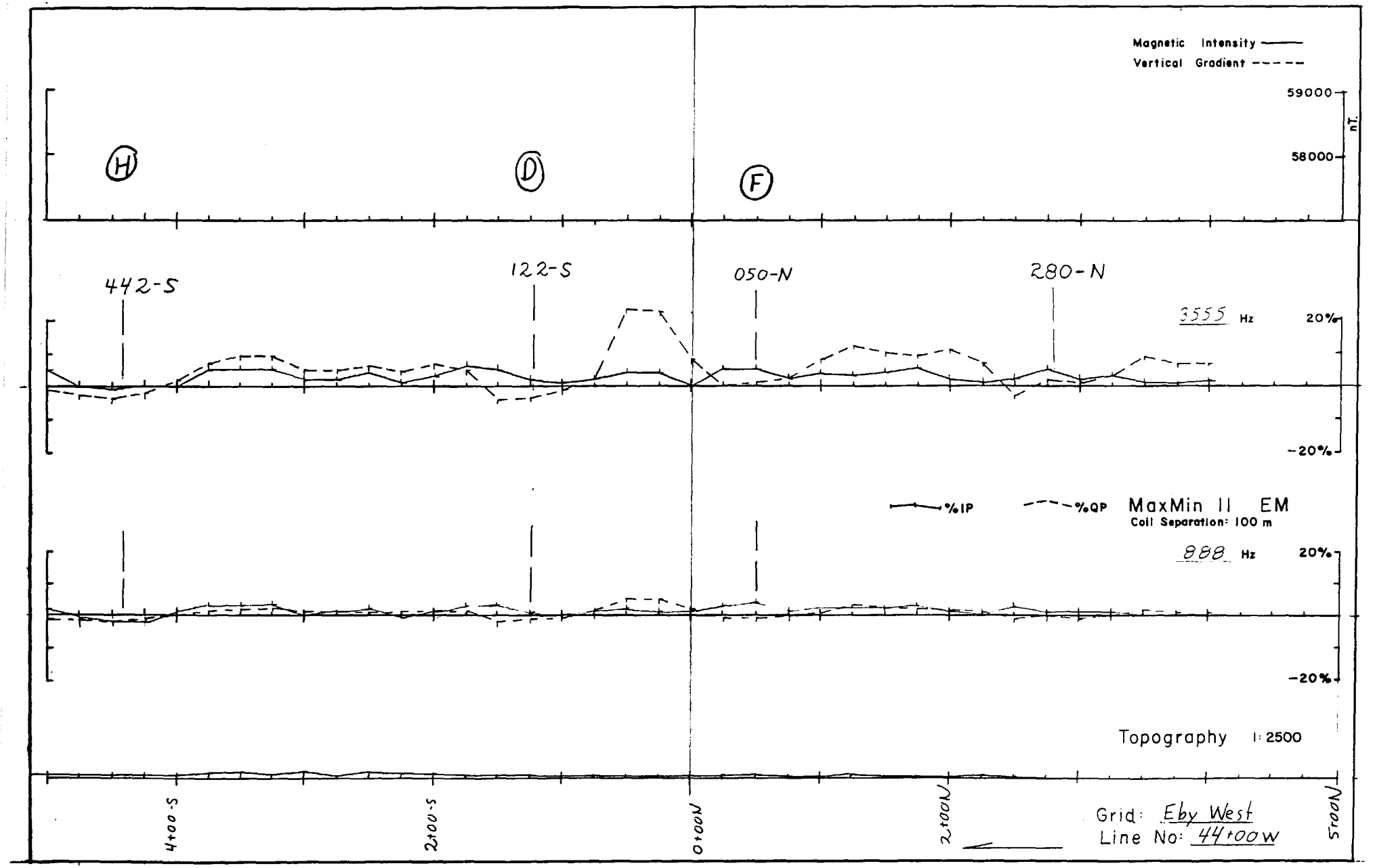
Declination: 12 degrees wes

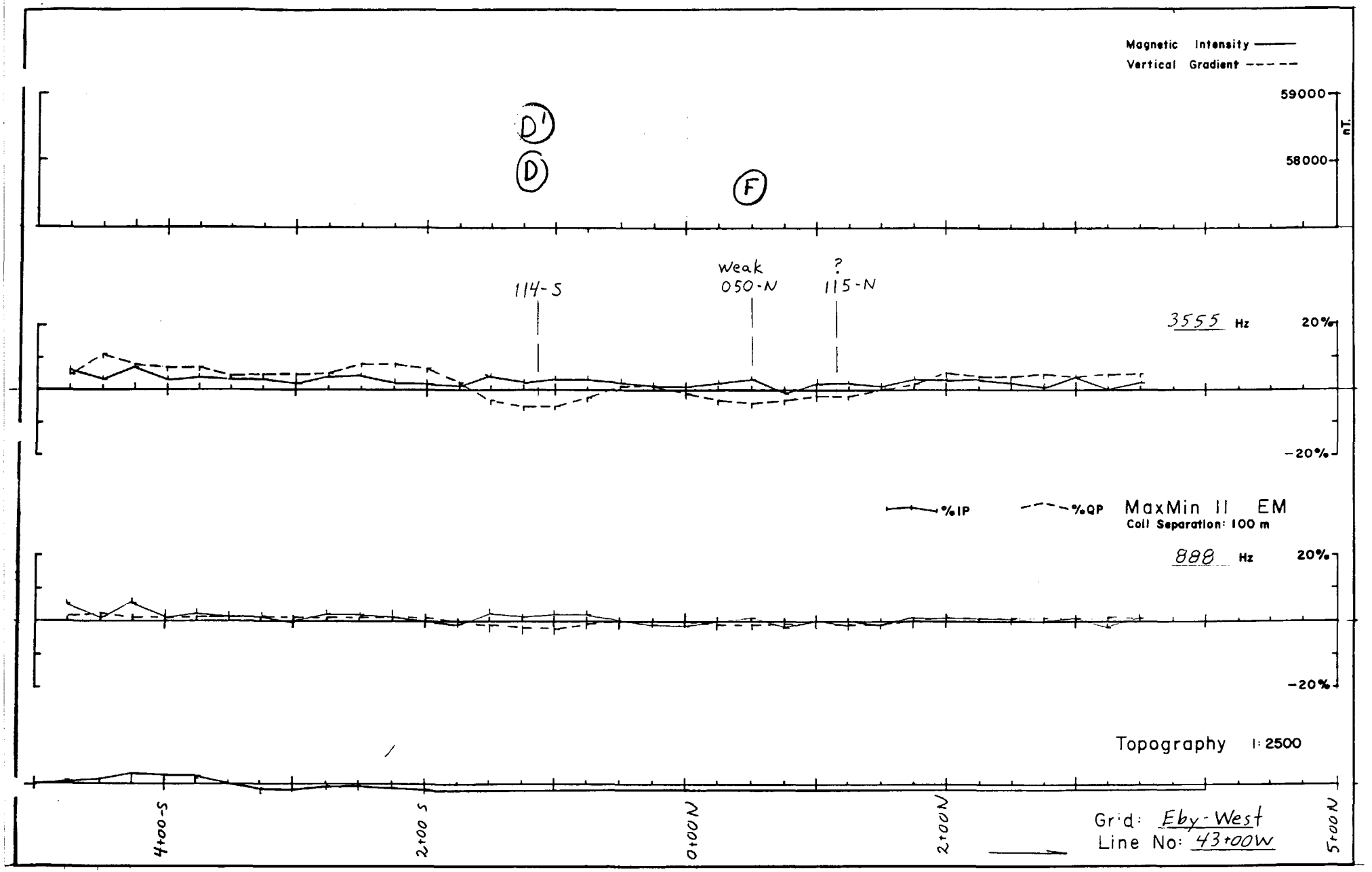

Magnetic Intensity
Vertical Gradient
59000
58000
nT.
A
B
087-S
287-N
3555 Hz
20%
-20%
%IP
%QP
MaxMin II EM
Coil Separation: 100 m
888 Hz
20%
-20%
Topography 1:2500
400-S
200-S
2+00N
5+00N
Grid: Eby West
Line No: 48+00W

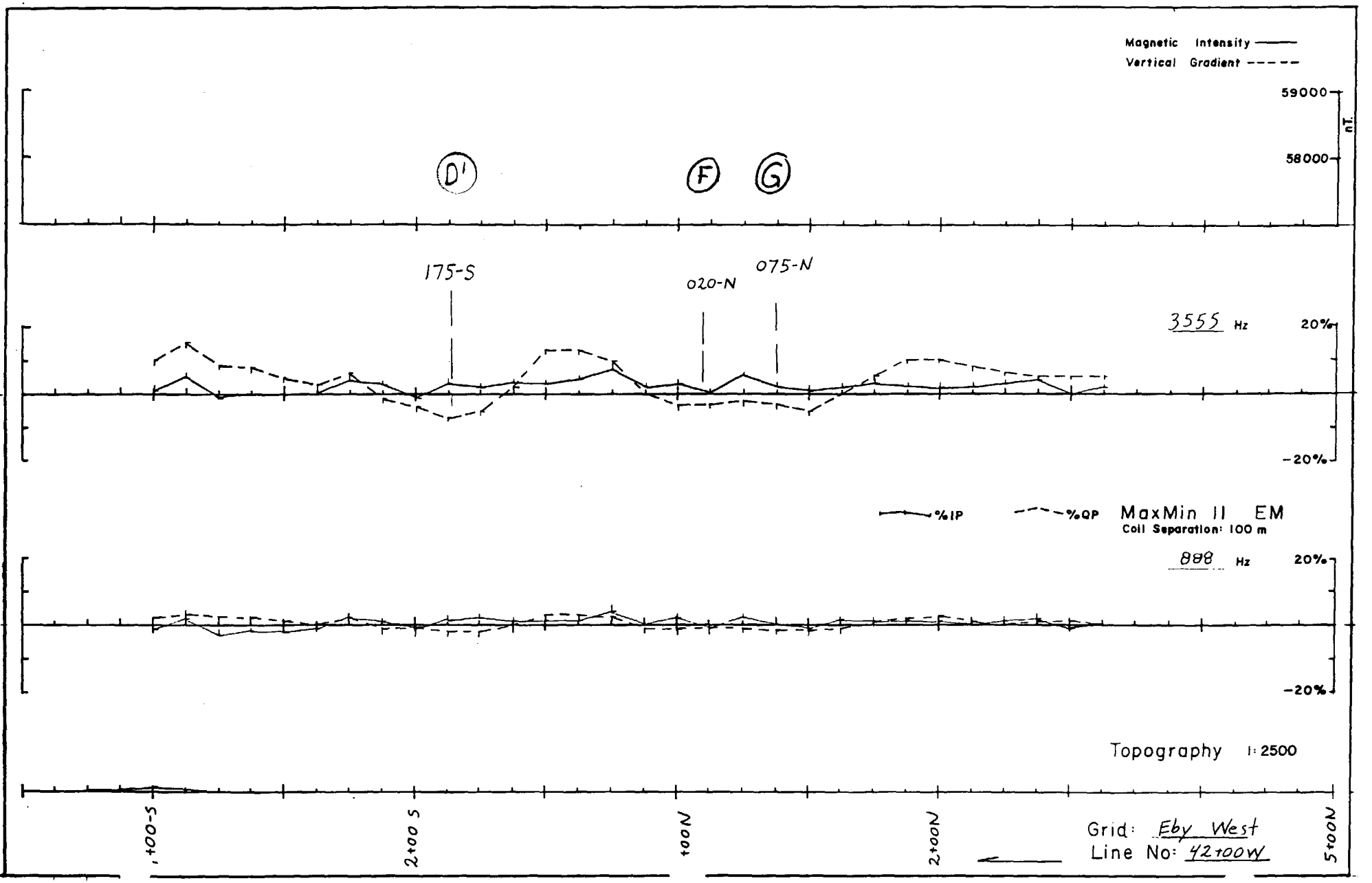

Magnetic Intensity
Vertical Gradient
59000
58000
nT
C
D
A
E
B
300-S
200-S
A
061-S
187-N
B
315-N
3555 Hz
20%
-20%
%IP
%QP
MaxMin II EM
Coil Separation: 100 m
888 Hz
20%
-20%
Topography 1:2500
400-S
200-S
000 N
200 N
300 N
Grid: Eby West
Line No: 47+00W

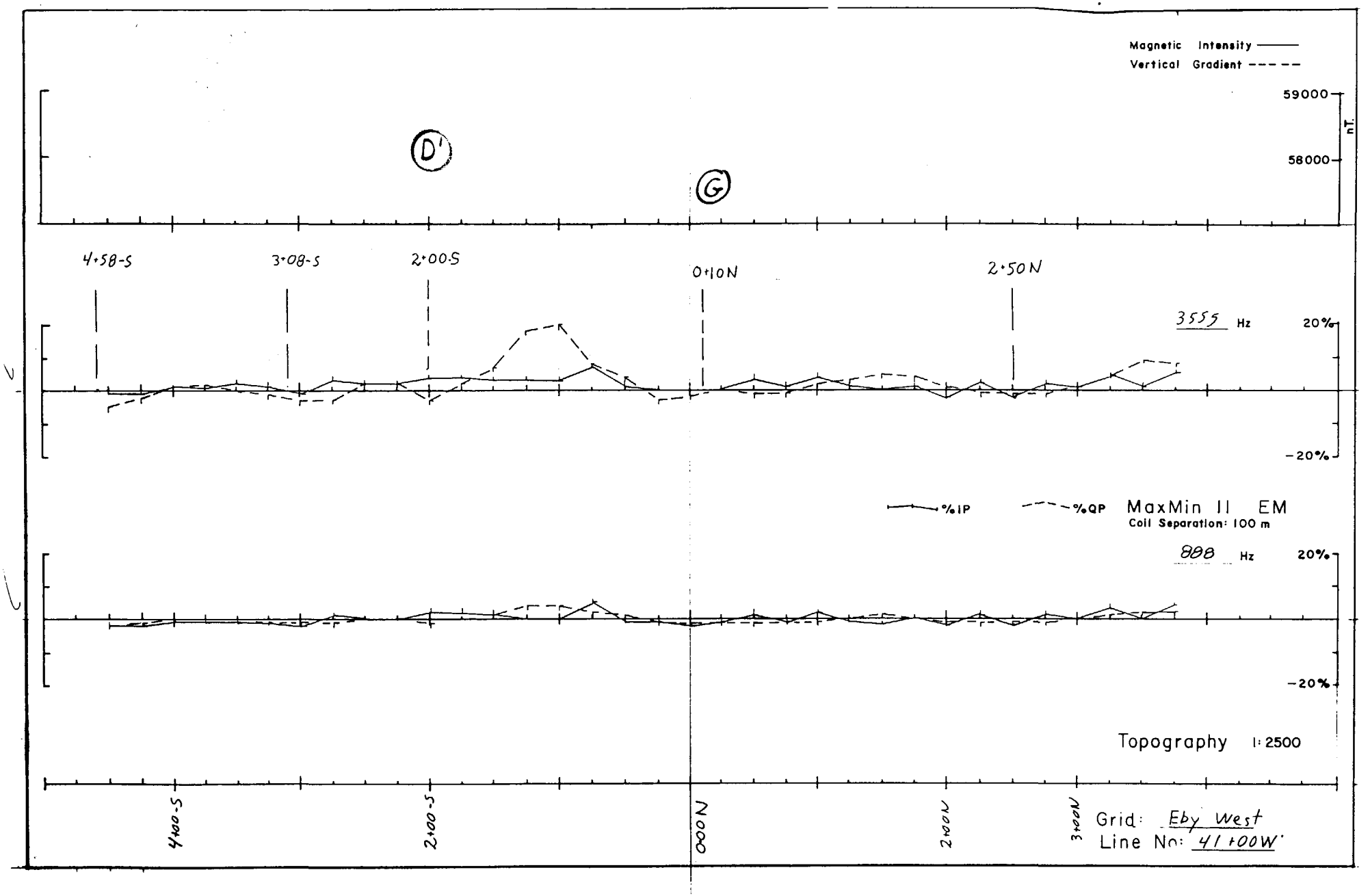

Magnetic Intensity
Vertical Gradient
59000
58000
nT.
C
D
F
E
375-S
180-S
138-S
050-N
075N
283-N
555 Hz
20%
-20%
%IP
%QP
MaxMin II EM
Coil Separation: 100 m
888 Hz
20%
-20%
Topography 1:2500
Flat
Flat
Flat
Flat
4+00S
2+00S
2+00N
5+00N
Grid: Eby West
Line No: 46+00W

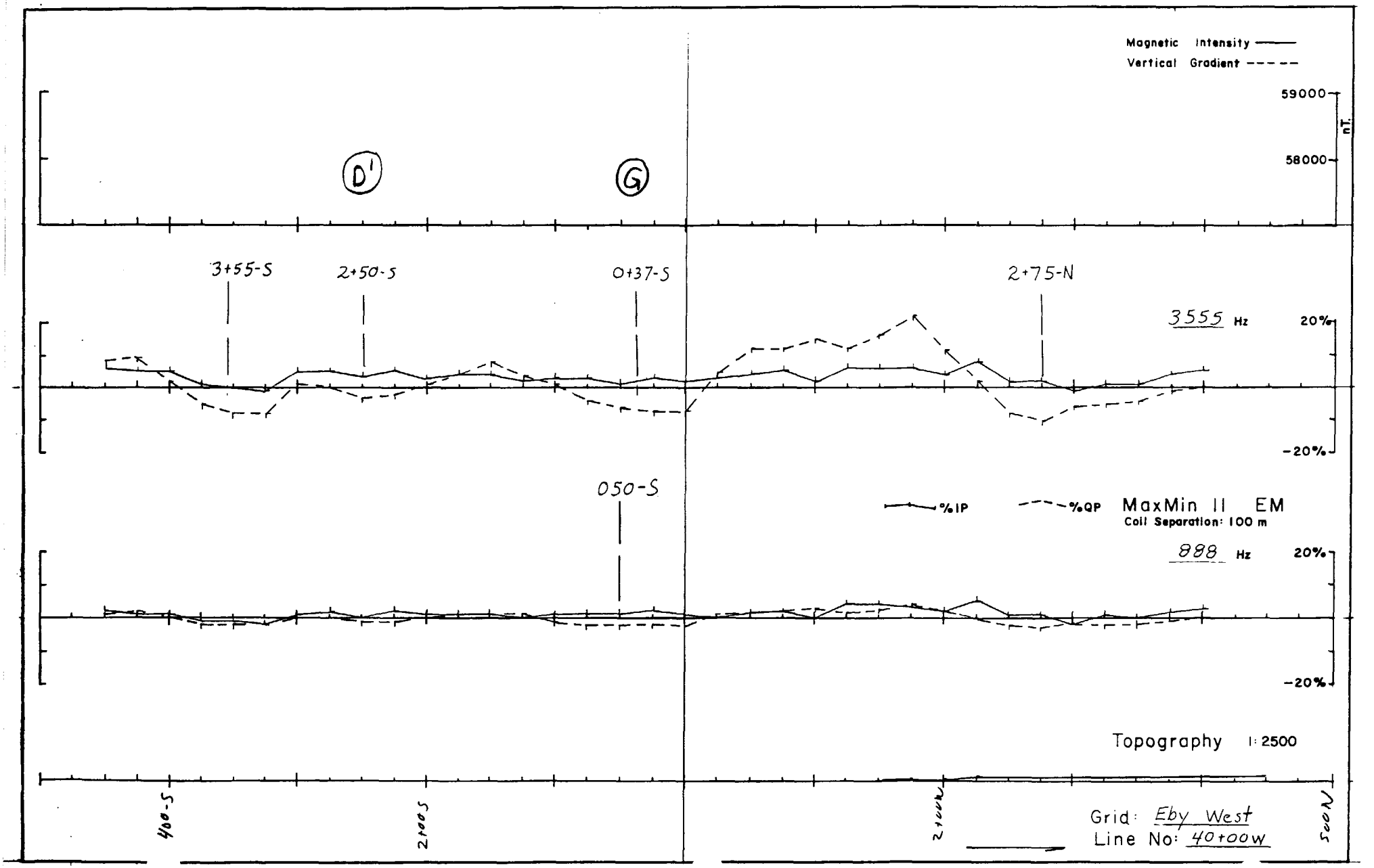

Magnetic Intensity
Vertical Gradient
59000
58000
nT.
H
D
F
E
323-S
150-S
075-N
375-N
064
086
3555 Hz
20%
-20%
%IP
%QP
MaxMin II EM
Coil Separation: 100 m
888 Hz
20%
-20%
Topography 1:2500
4+00-S
2+00-S
0+00N
2+00N
3+00N
Grid: Eby West
Line No: 45+00W

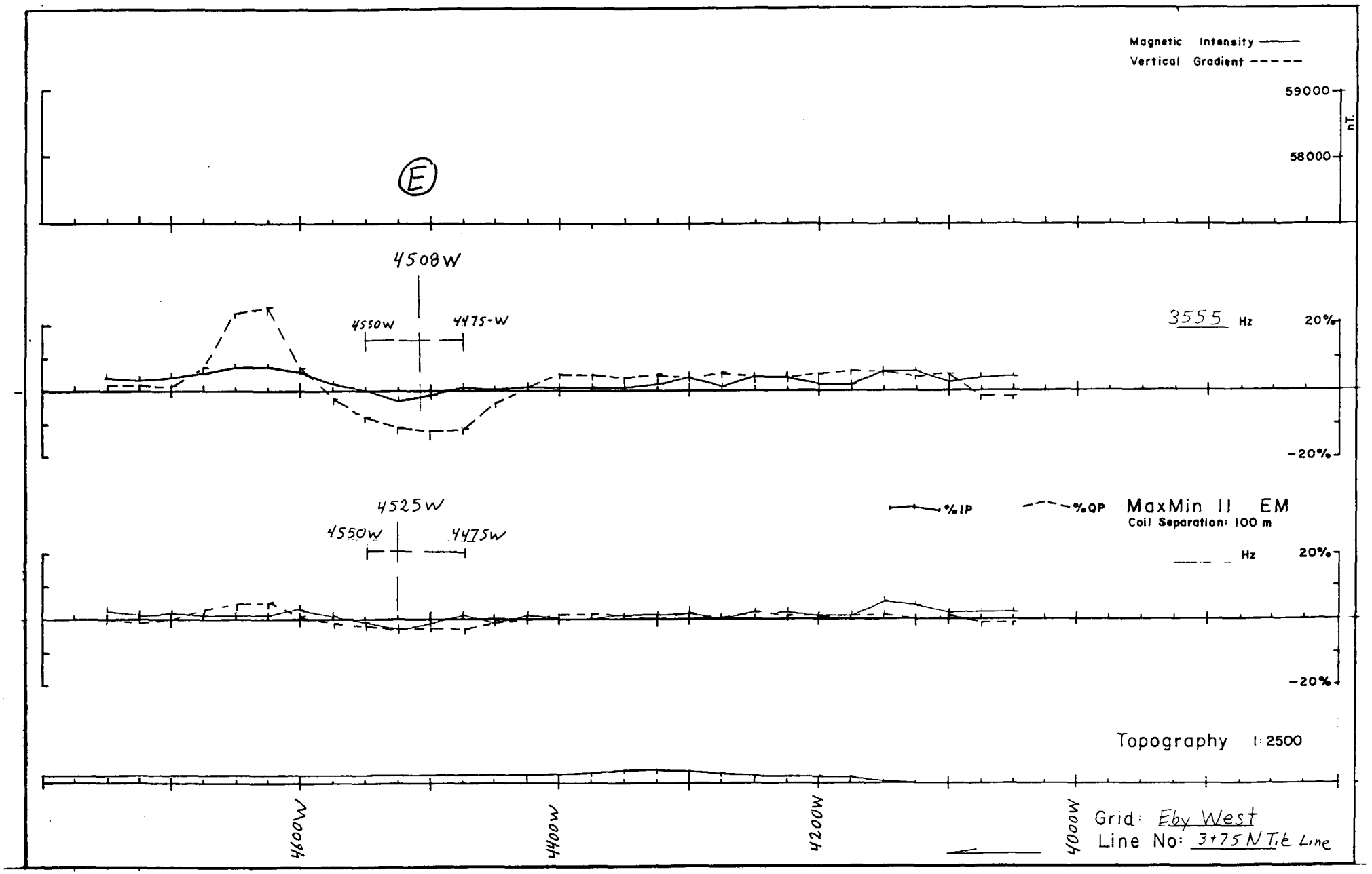

Magnetic Intensity
Vertical Gradient
59000
58000
nT.
H
D
F
442-S
122-S
050-N
280-N
3555 Hz
20%
-20%
%IP
%QP
MaxMin II EM
Coil Separation: 100 m
888 Hz
20%
-20%
Topography 1:2500
4+00-S
2+00-S
0+00N
2+00N
Grid: Eby West
Line No: 44+00W

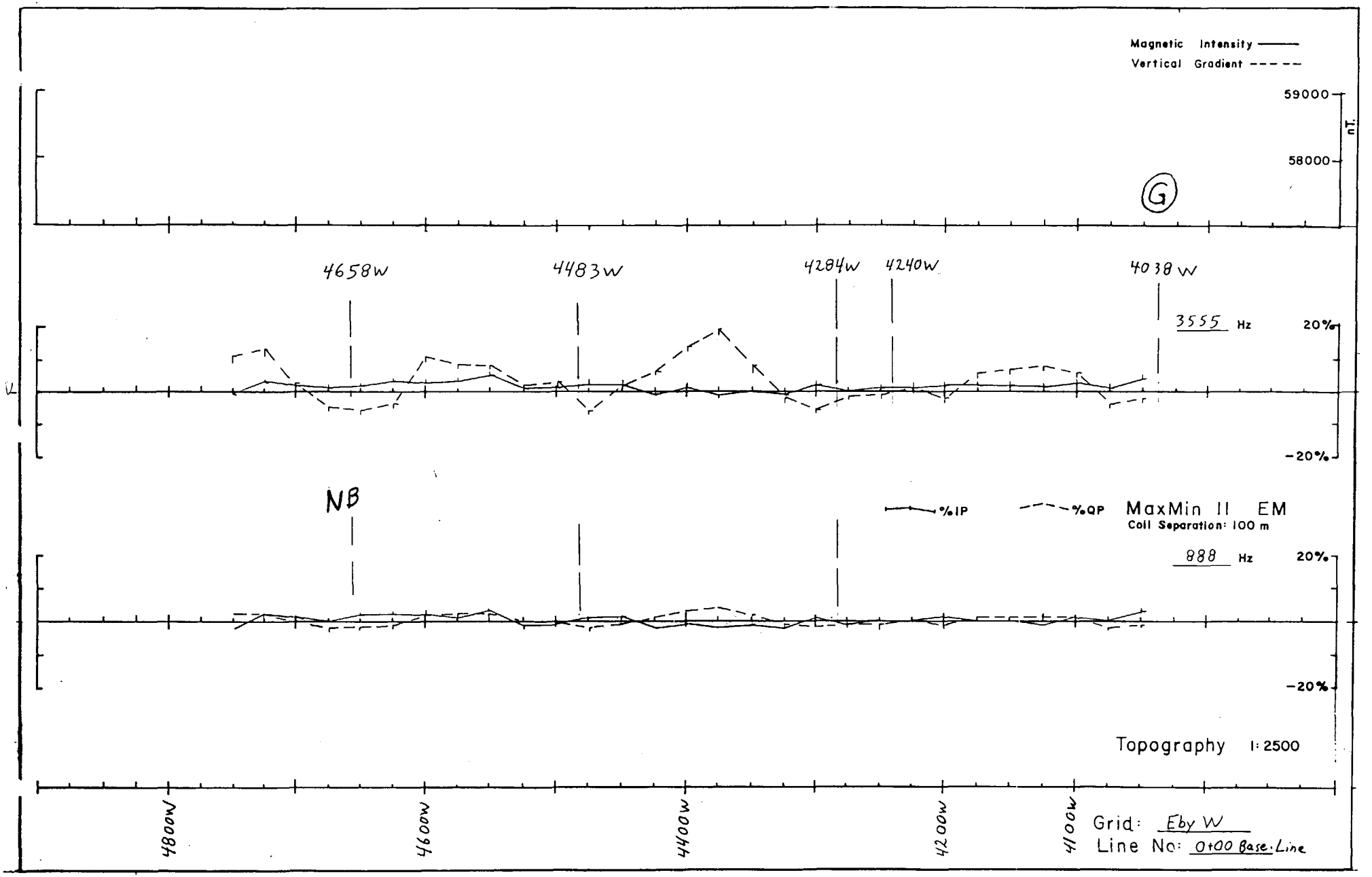

Magnetic Intensity
Vertical Gradient
59000
58000
nT
D'
D
F
114-S
Weak
050-N
?
115-N
3555 Hz
20%
-20%
%IP
%QP
MaxMin II EM
Coil Separation: 100 m
888 Hz
20%
-20%
Topography 1:2500
4+00S
2+00S
0+00N
2+00N
5+00N
Grid: Eby-West
Line No: 43+00W

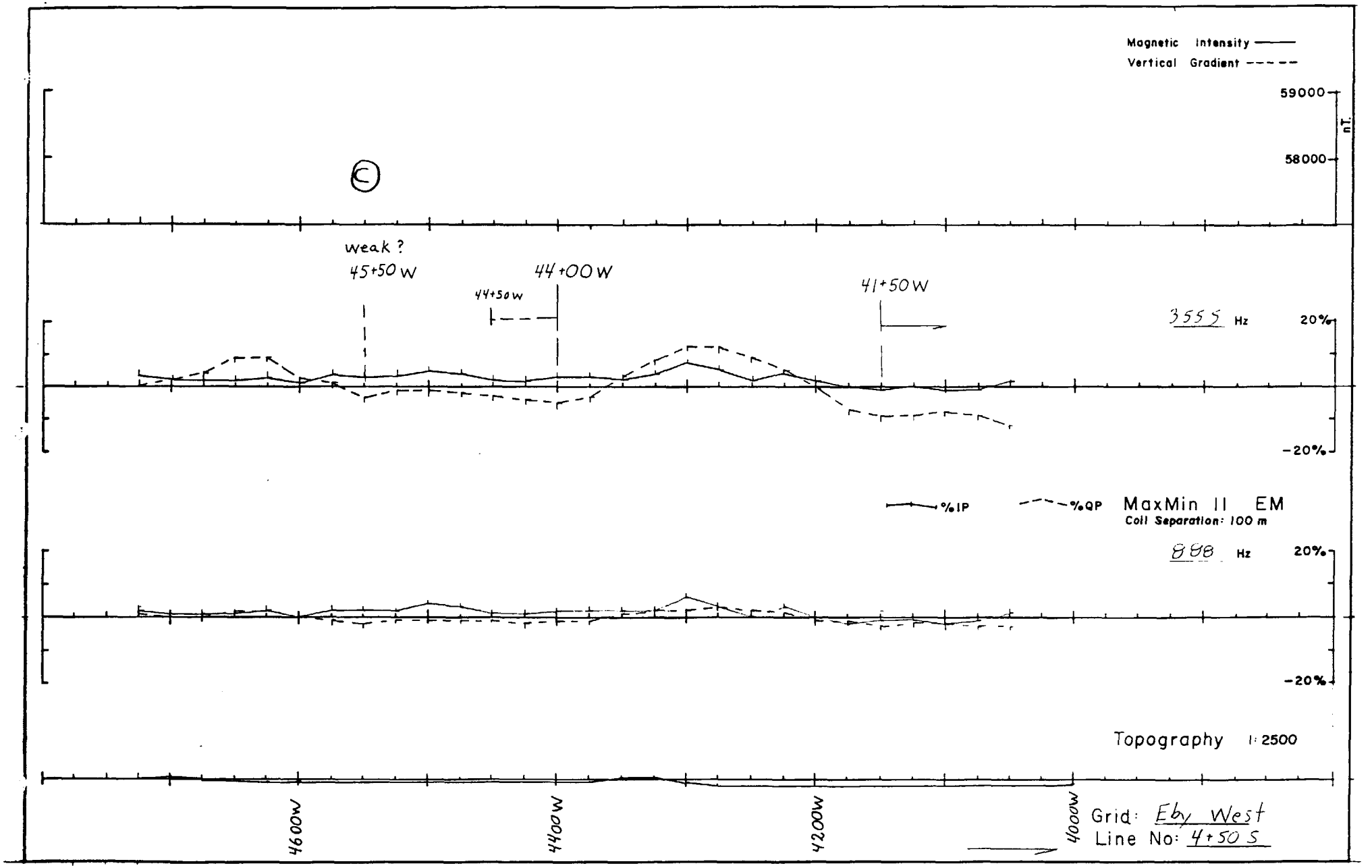

Magnetic Intensity
Vertical Gradient
59000
58000
nT
D'
F
G
175-S
020-N
075-N
3555 Hz
20%
-20%
%IP
%QP
MaxMin II EM
Coil Separation: 100 m
888 Hz
20%
-20%
Topography 1:2500
100-S
200 S
100N
200N
500N
Grid: Eby West
Line No: 42+00W


Magnetic Intensity
Vertical Gradient
59000
58000
nT.
D'
G
4+58-S
3+08-S
2+00S
0+10N
2+50N
3555 Hz
20%
-20%
%IP
%QP
MaxMin II EM
Coil Separation: 100 m
888 Hz
20%
-20%
Topography 1:2500
4+00-S
2+00-S
000N
2+00N
3+00N
Grid: Eby West
Line No: 41+00W


Magnetic Intensity
Vertical Gradient
59000
58000
nT.
D'
G
3+55-S
2+50-S
0+37-S
2+75-N
3555 Hz
20%
-20%
050-S
%IP
%QP
MaxMin II EM
Coil Separation: 100 m
888 Hz
20%
-20%
Topography 1:2500
400-S
200S
200N
400N
Grid: Eby West
Line No: 40+00W

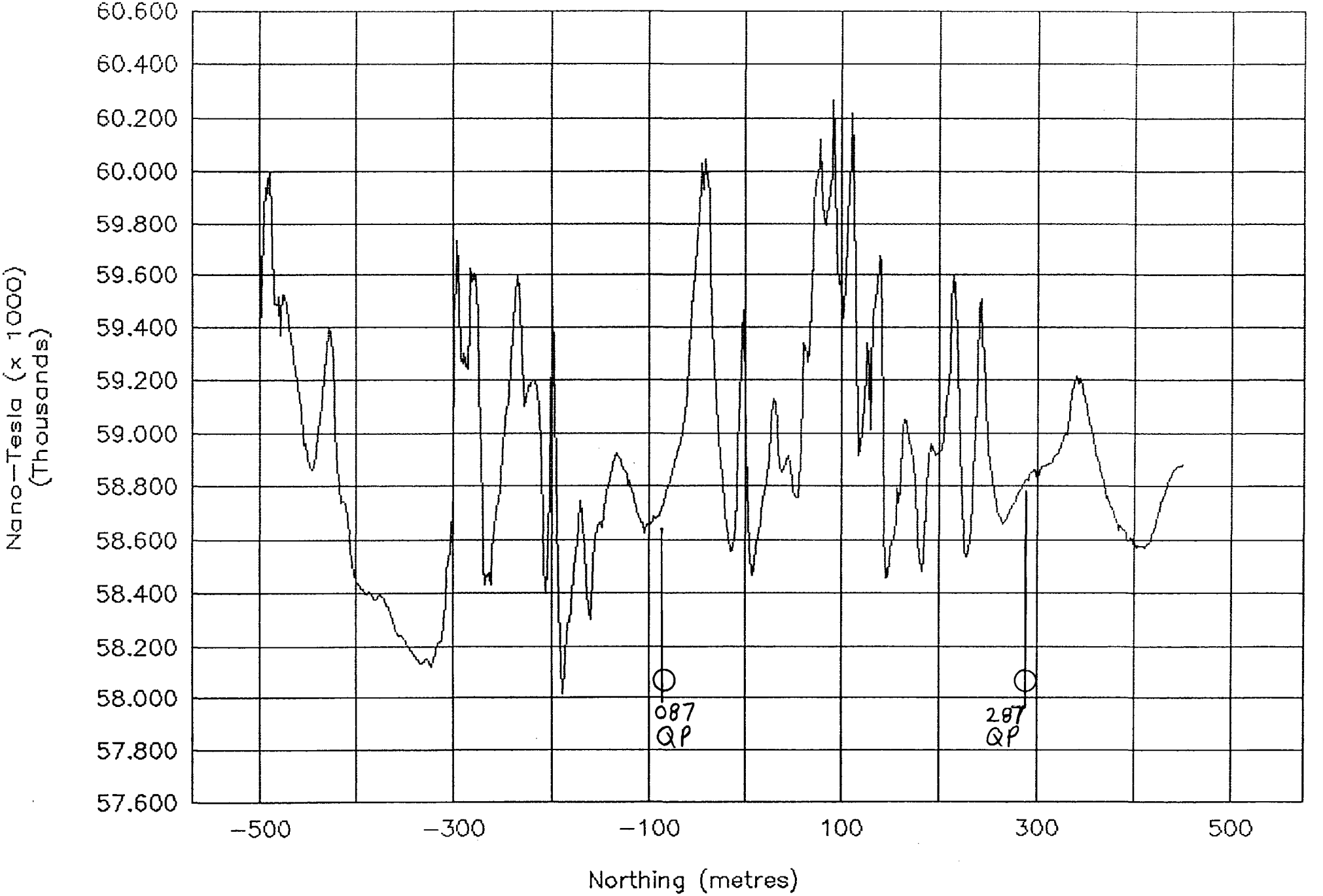

Magnetic Intensity
Vertical Gradient
59000
58000
nT.
E
4508W
4550W
4475W
3555 Hz
20%
-20%
4525W
4550W
4475W
%IP
%QP
MaxMin II EM
Coil Separation: 100 m
Hz
20%
-20%
Topography 1:2500
4600W
4400W
4200W
4000W
Grid: Eby West
Line No: 3+75N Tie Line


Magnetic Intensity
Vertical Gradient
59000
58000
nT.
G
4658W
4483W
4284W
4240W
4038W
3555 Hz
20%
-20%
NB
%IP
%QP
MaxMin II EM
Coil Separation: 100 m
888 Hz
20%
-20%
Topography 1:2500
4800W
4600W
4400W
4200W
4000W
Grid: Eby W
Line No: 0+00 Base Line


Magnetic Intensity
Vertical Gradient
59000
58000
nT
weak ?
45+50 W
44+00 W
44+50 W
41+50 W
3555 Hz
20%
-20%
%IP
%QP
MaxMin II EM
Coil Separation: 100 m
888 Hz
20%
-20%
Topography 1:2500
4600W
4400W
4200W
4000W
Grid: Eby West
Line No: 4+50 S

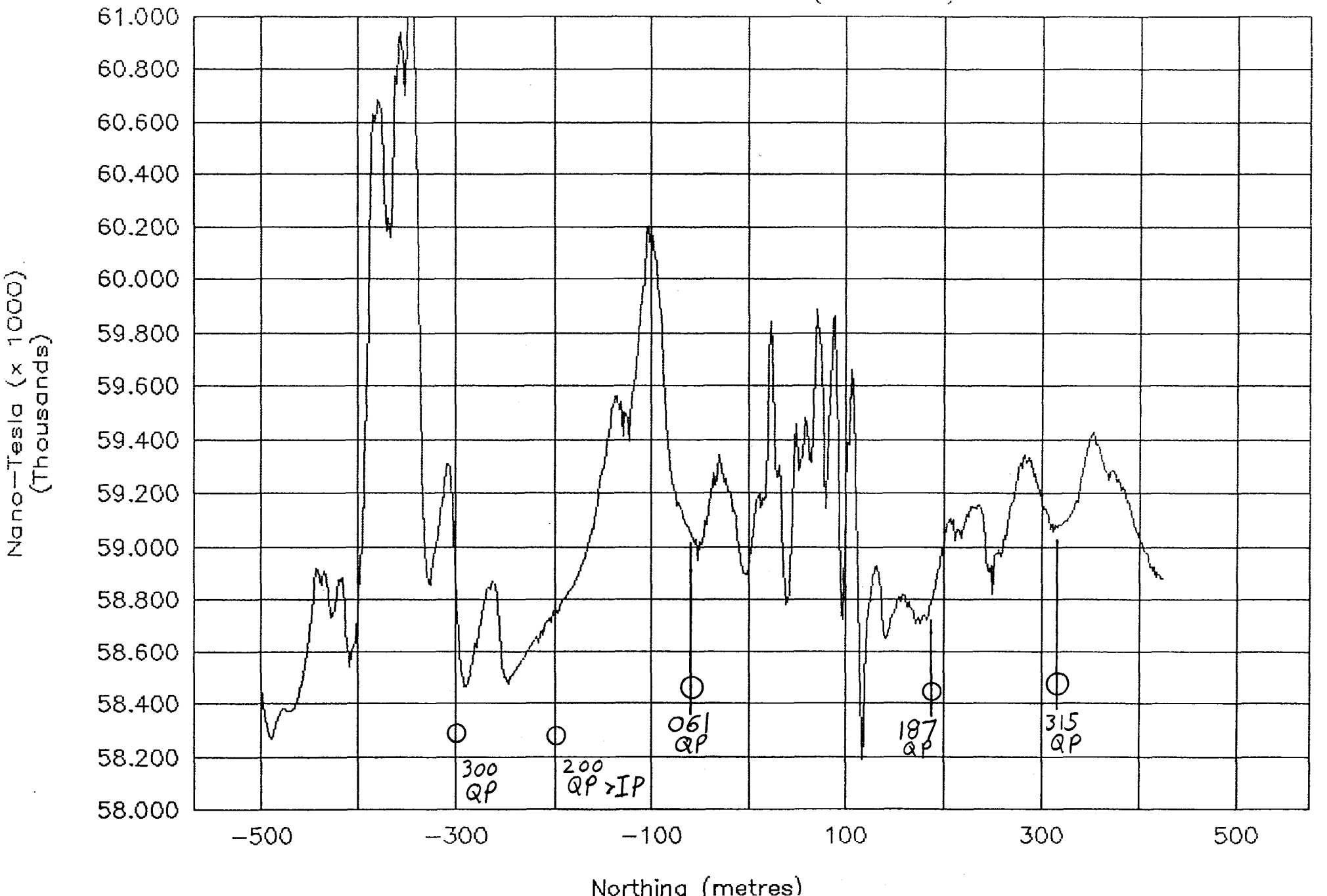
Total Field Strength

EBY WEST GRID: Line 4800W. (2 seconds)



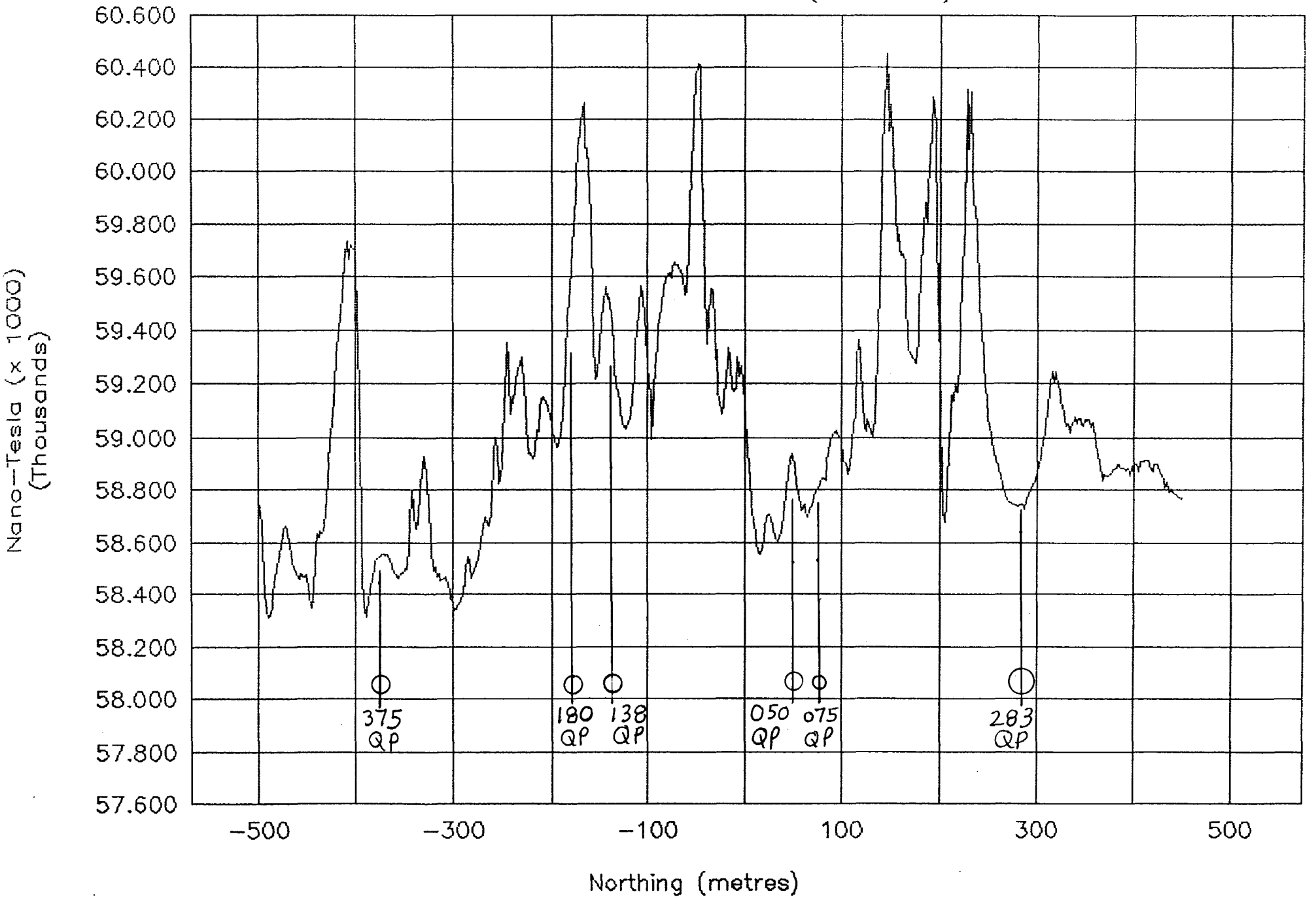
Total Field Strength

EBY WEST GRID: Line 4700W. (2 seconds)



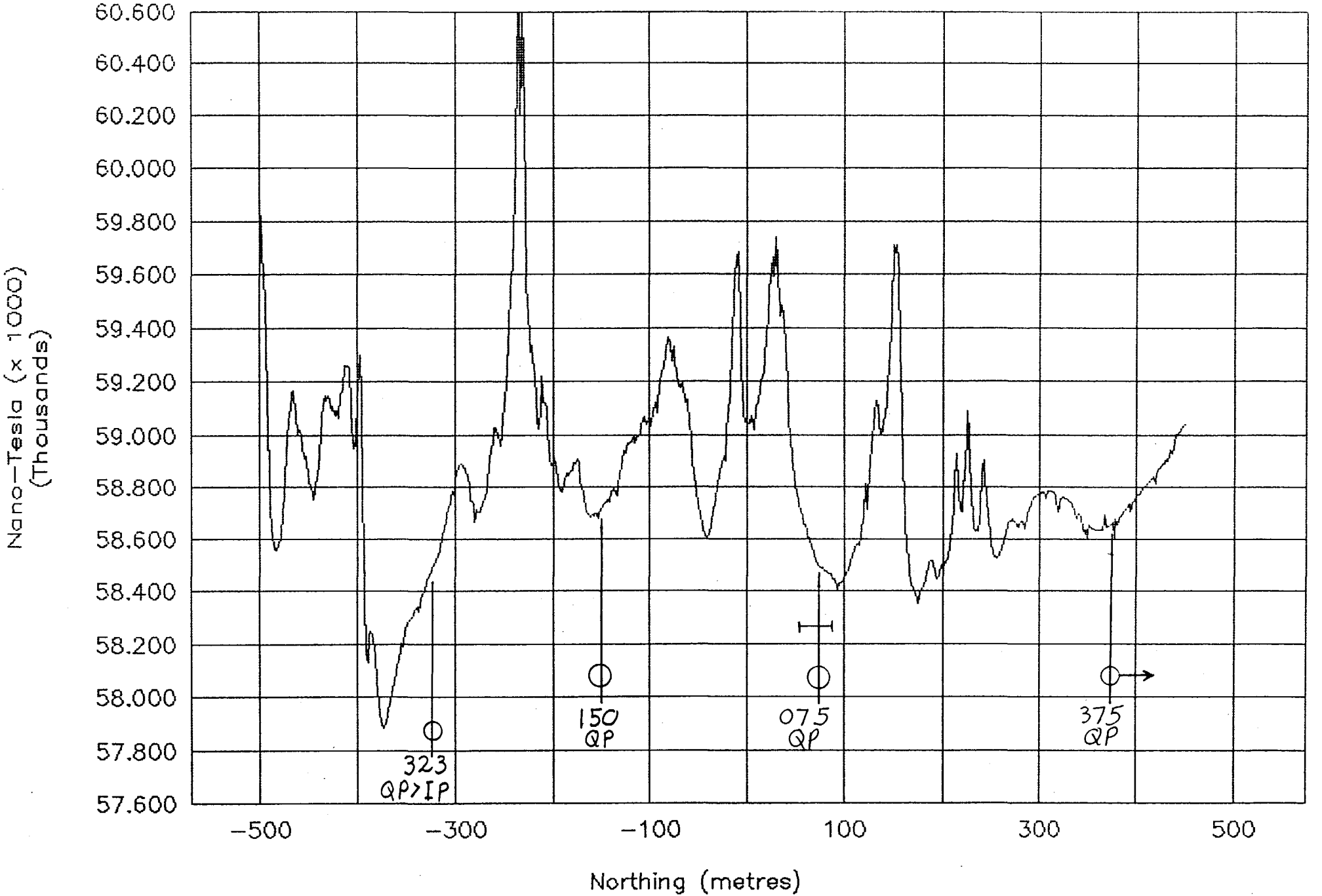
Total Field Strength

EBY WEST GRID: Line 4600W. (2 seconds)



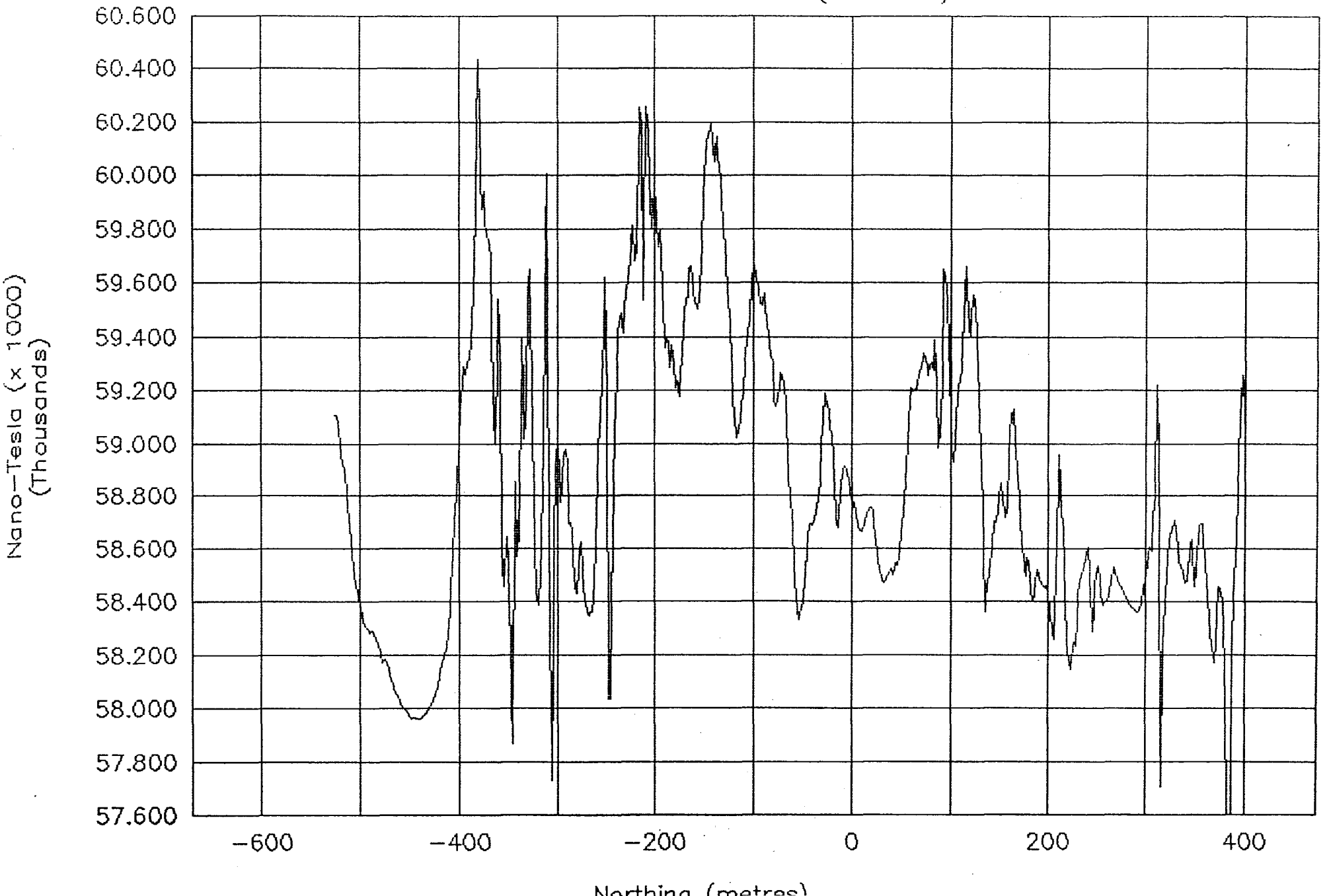
Total Field Strength

EBY WEST GRID: Line 4500W. (2 seconds)



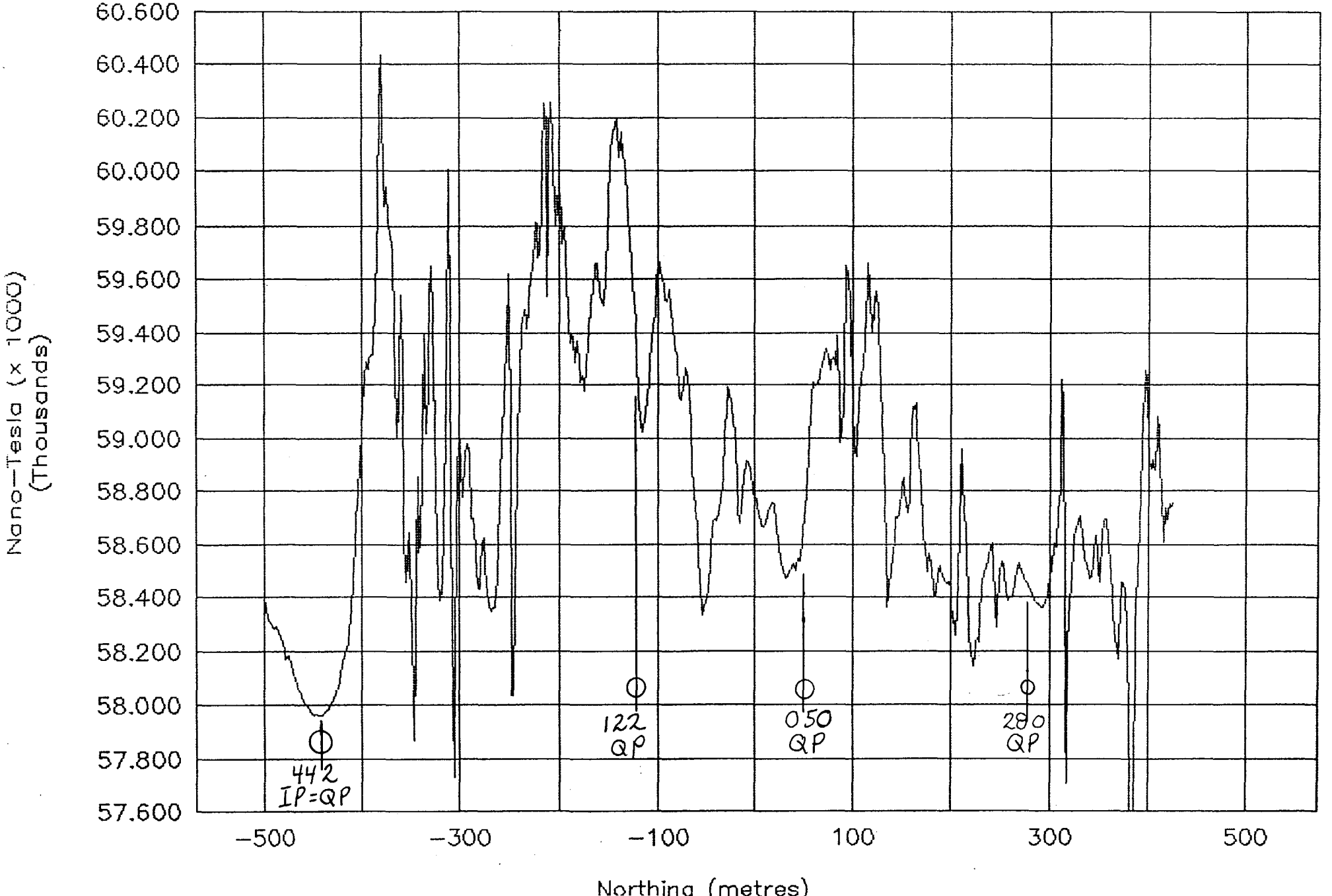
Total Field Strength

EBY WEST GRID: Line 4400W. (2 second)



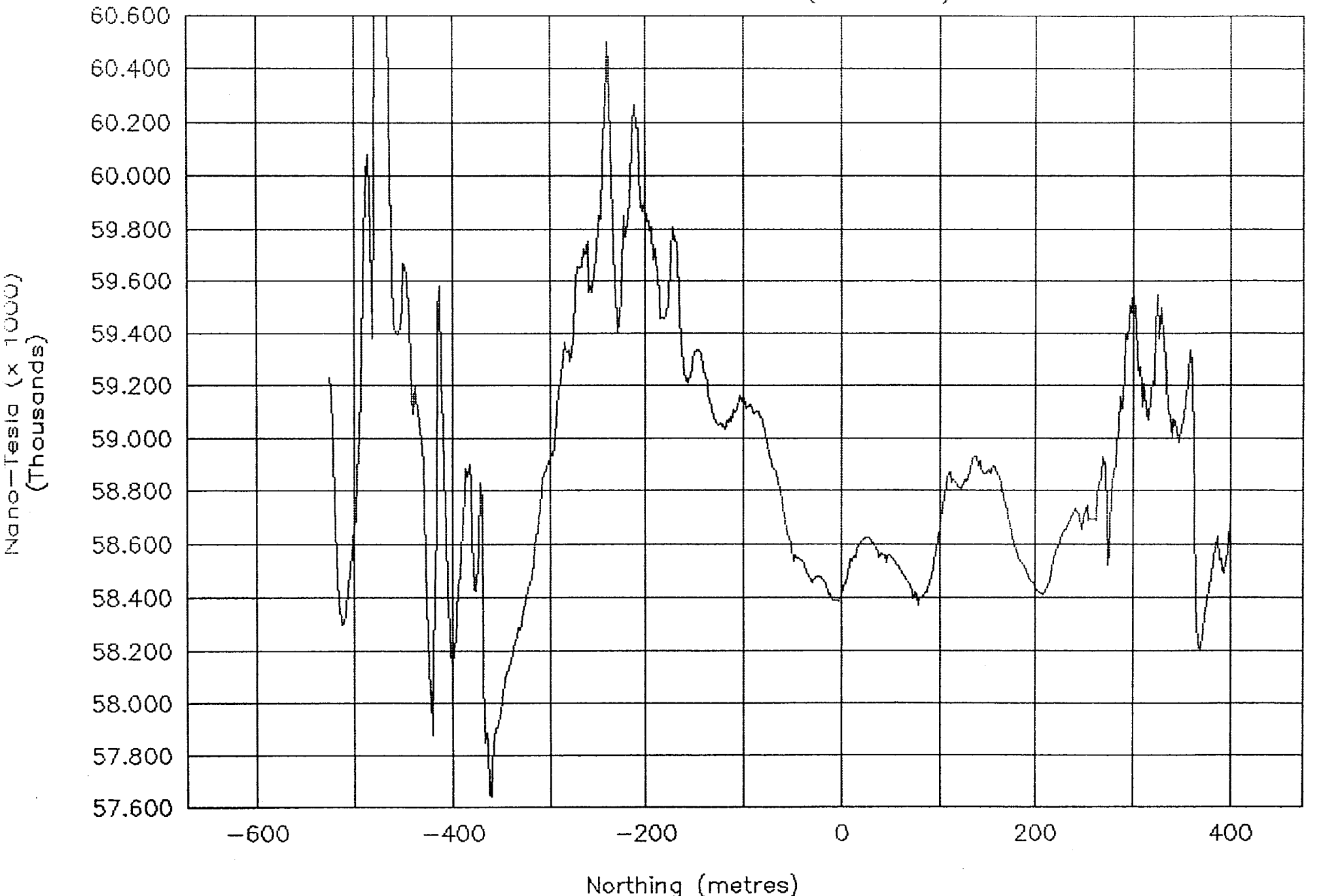
Total Field Strength

EBY WEST GRID: Line 4400W. (2 second)



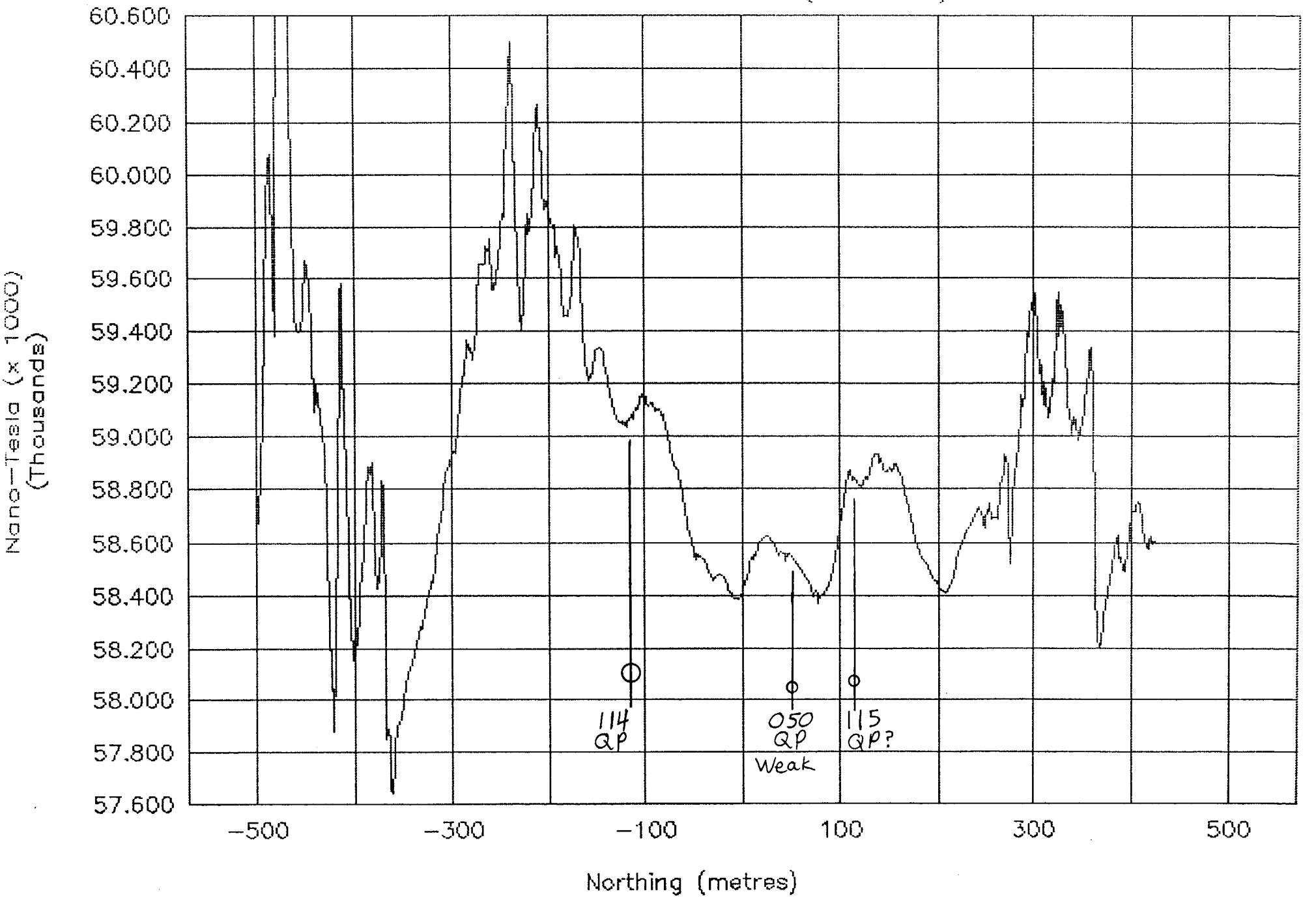
Total Field Strength

EBY WEST GRID: Line 4300W. (2 seconds)



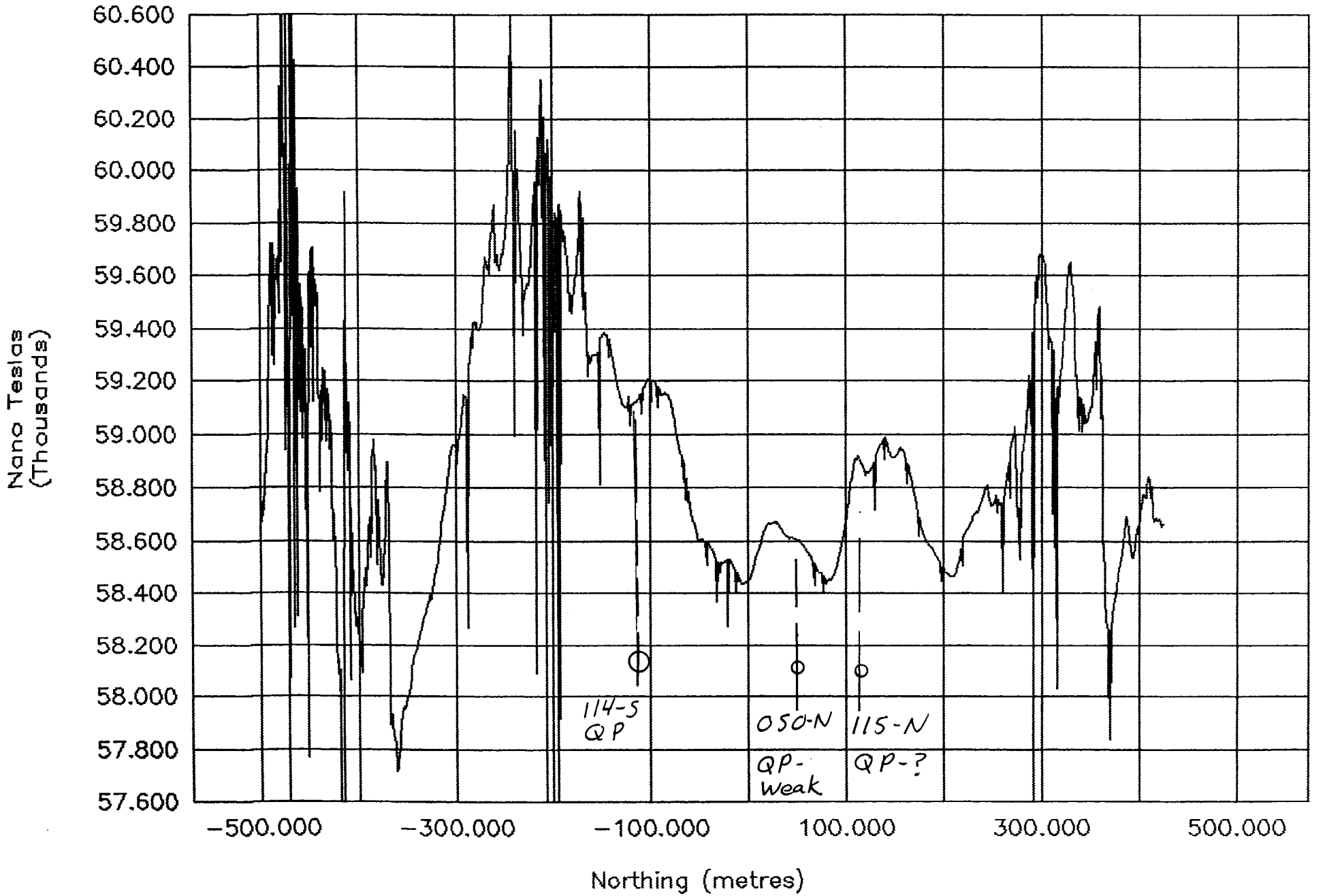
Total Field Strength

EBY WEST GRID: Line 4300W. (2 seconds)



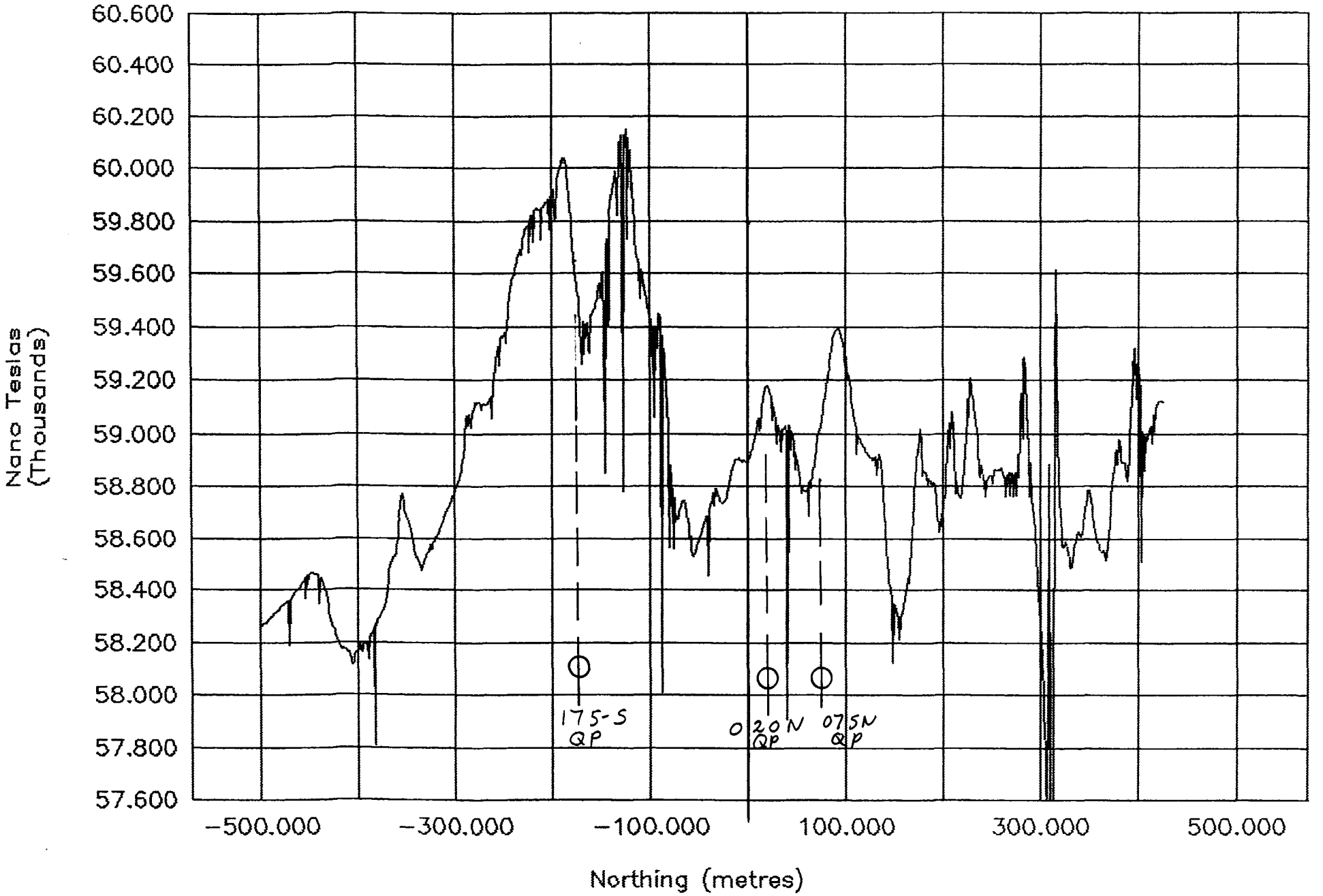
Total Field Strength

EBY WEST: Line 43+00W



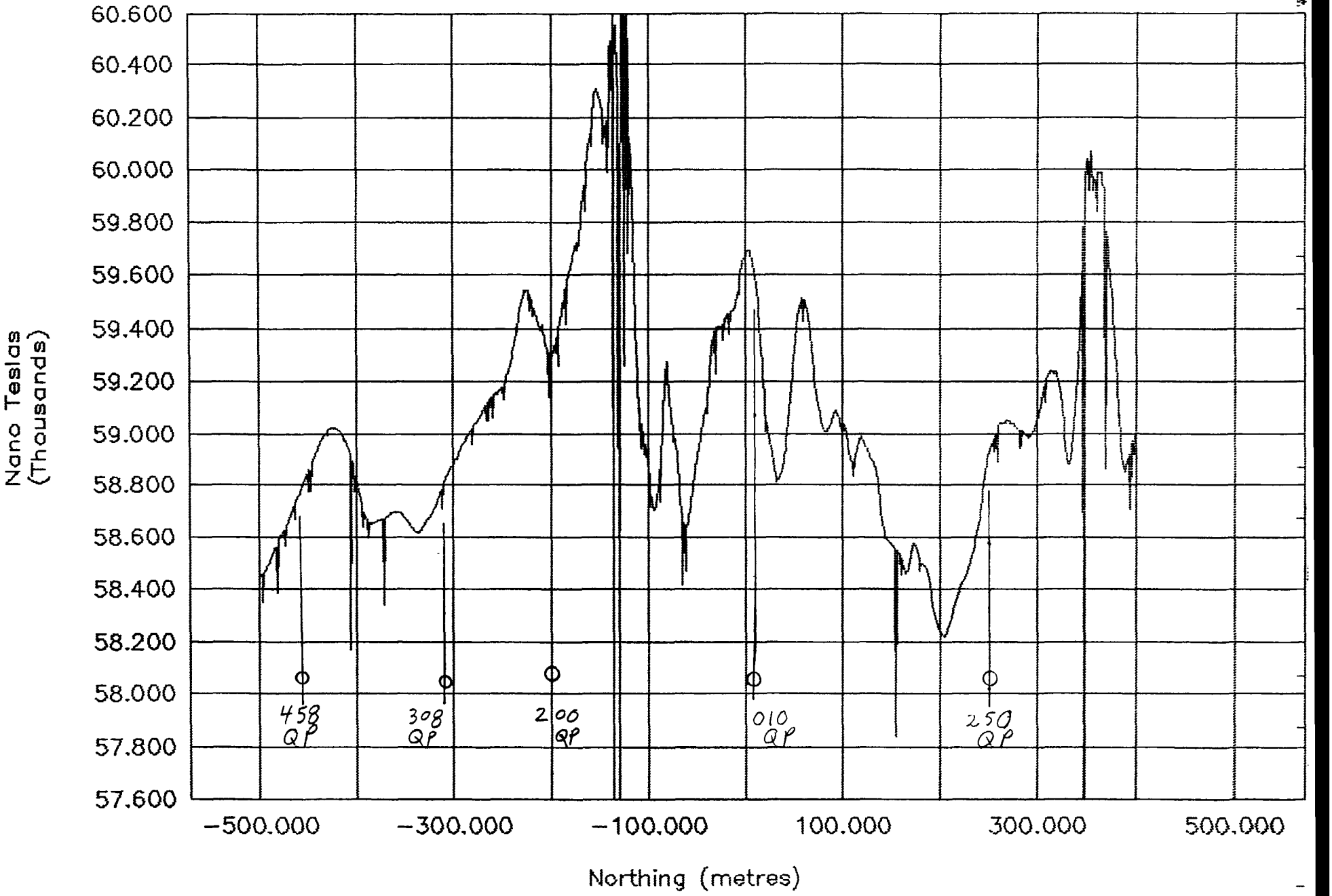
Total Field Strength

EBY WEST: Line 42+00W



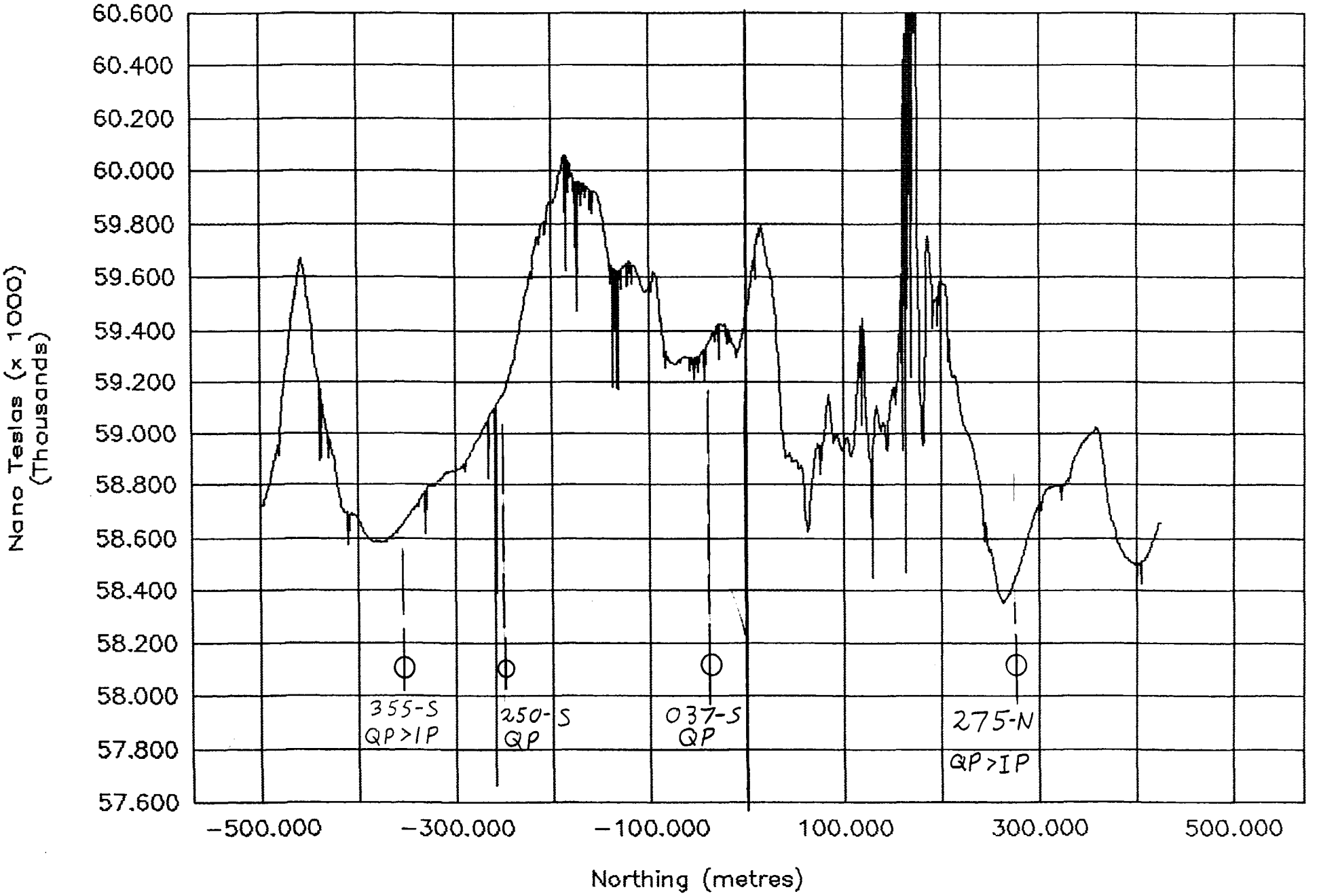
Total Field Strength

EBY WEST: Line 41+00W



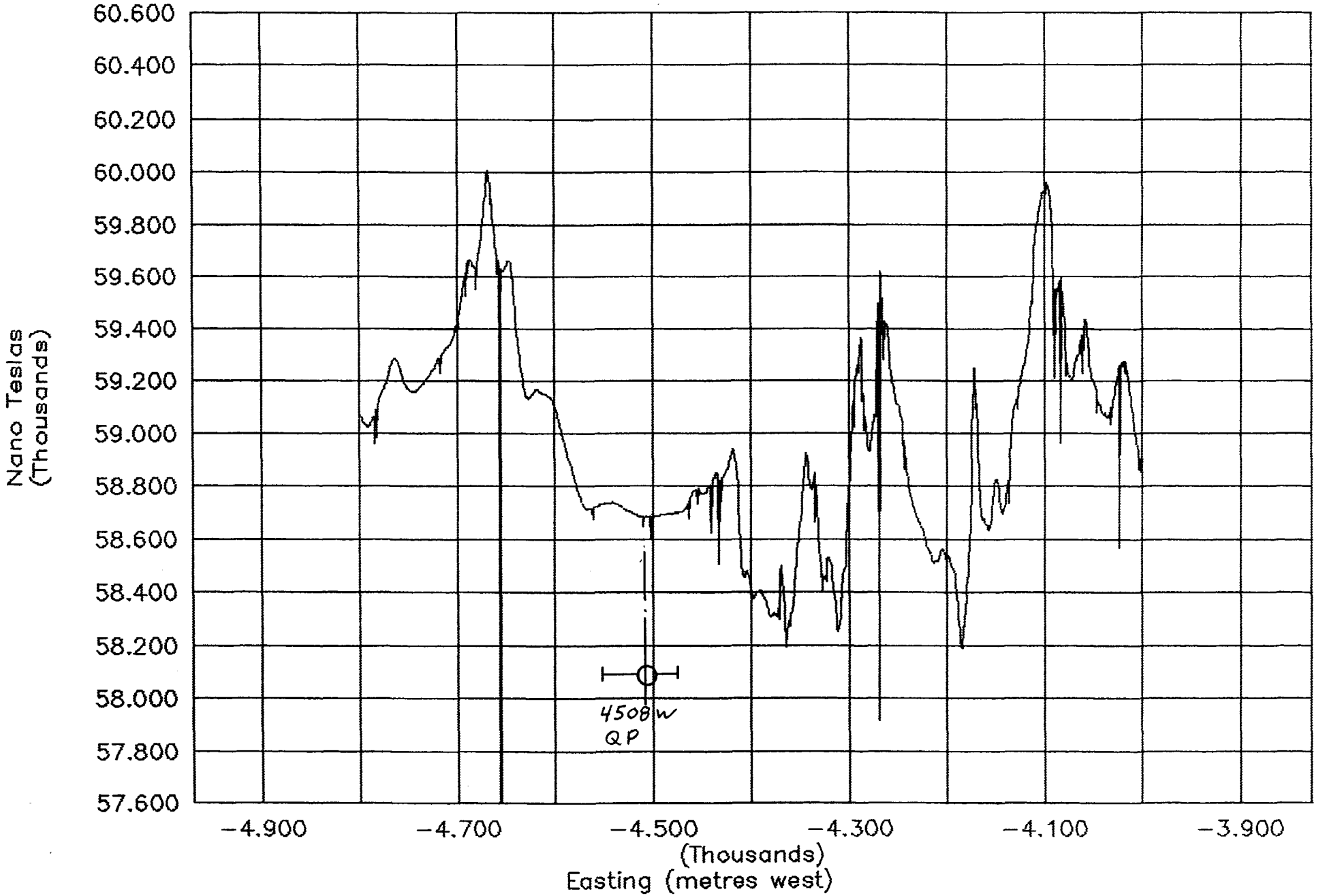
Total Field Strength

EBY WEST: Line 40+00W



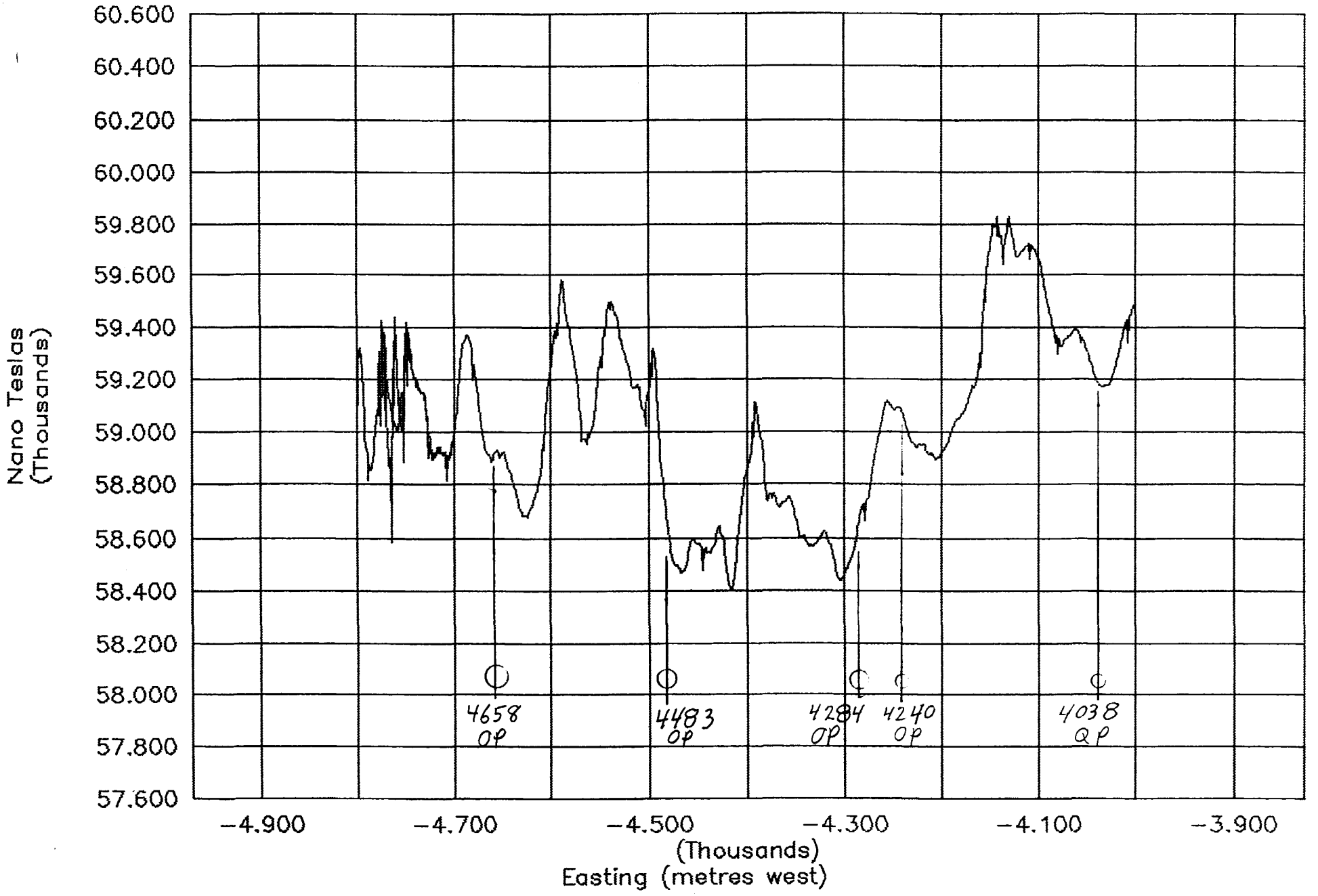
Total Field Strength

EBY WEST: 3+75N Tie Line



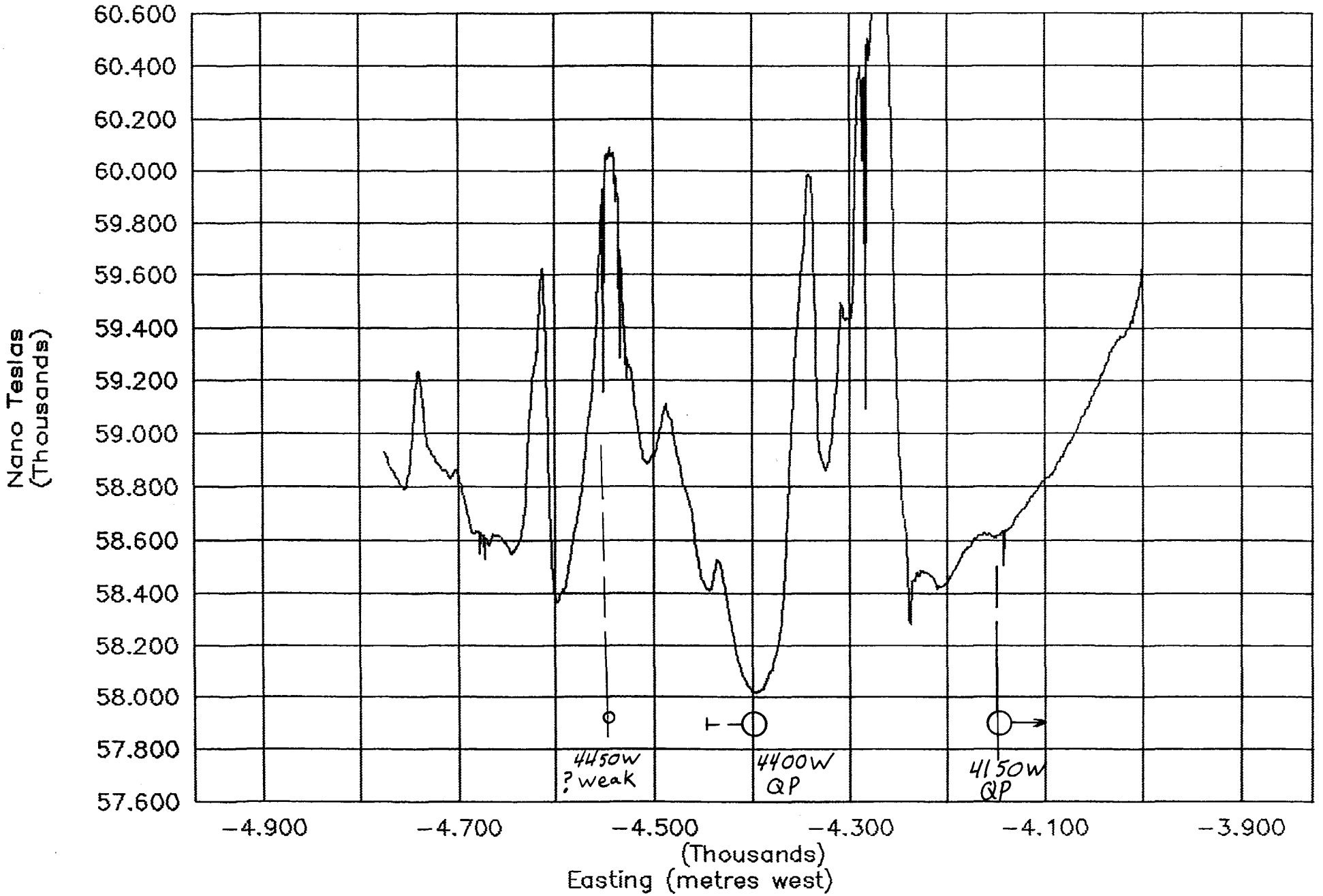
Total Field Strength

EBY WEST: 0+00N Base Line



Total Field Strength

EBY WEST: 4+50S Tie Line



EBY WEST GRID
Eby Township
Kirkland Lake Area
Ontario

MaxMin II (Horizontal Loop EM) (Eby West Grid)

Line 48+00W	3555 Hz IP	3555 Hz OP	888 Hz IP	888 Hz OP	Slope %
425	Receiver N of Transmitter				
400					0
375	2	0	1	-1	0
350	3	2	1	0	0
325	1	-3	0	-1	0
300	1	-11	1	-3	0
275	0	-10	0	-3	0
250	1	-2	-1	-1	0
225	2	2	1	0	0
200	0	13	-1	3	0
175	3	13	2	3	2
150	2	8	0	2	4
125	5	10	2	2	2
100	-2	9	-3	2	2
75	3	7	-1	2	0
50	2	9	1	2	0
25	2	8	1	1	0
0	3	6	1	1	0
-25	1	4	0	0	0
-50	2	-5	2	-2	0
-75	2	-7	1	-2	0
-100	1	-7	1	-2	0
-125	0	-6	0	-2	0
-150	3	5	1	1	0
-175	5	15	2	3	4
-200	3	20	1	4	10
-225	7	14	5	2	2
-250	4	11	2	2	-2
-275	4	13	2	2	-3
-300	3	7	2	1	-2
-325	3	3	2	0	-3
-350	2	6	1	1	0
-375	1	3	0	0	0
-400	2	3	0	0	0
-425	4	3	2	0	0
-450					0
-475					0

Receiver N of Transmitter
MaxMin II (Horizontal Loop EM) (Eby West Grid)

Line 47+00W	3555 Hz IP	3555 Hz OP	888 Hz IP	888 Hz OP
450				
425				
400	6	4	3	0
375	0	3	-2	0
350	6	-1	4	-1
325	1	-7	0	-2

EBY WEST GRID: Eby Tp. 1997

300	2	-7	1	-2	
275	4	0	3	0	
250	3	5	1	1	
225	4	1	3	0	-7
200	4	-3	2	-1	-1
175	-1	-2	-1	-1	5
150	4	0	2	-1	2
125	5	4	3	1	1
100	3	9	2	2	0
75	7	13	5	2	0
50	2	10	1	2	0
25	6	8	3	2	0
0	2	2	0	0	0
-25	3	-4	2	-2	0
-50	4	-7	3	-2	0
-75	4	-8	3	-3	0
-100	3	-3	2	-1	0
-125	4	2	1	0	0
-150	6	2	3	0	0
-175	2	-6	1	-2	0
-200	0	-7	0	-2	0
-225	1	-5	-1	-1	0
-250	1	-3	-1	-1	0
-275	-1	-7	-2	-2	0
-300	3	-3	2	-1	0
-325	3	2	2	0	-2
-350	2	5	1	1	-5
-375	3	15	1	3	0
-400	6	9	4	2	4
-425	6	3	4	0	4
-450	0	3	-1	0	0
-475					
-500					

Receiver S of Transmitter
MaxMin II (Horizontal Loop EM) (Eby West Grid)

Line 46+00W	3555 Hz IP	3555 Hz OP	888 Hz IP	888 Hz OP	
450					0
425	7	-4	5	-2	0
400	6	2	3	0	0
375	10	10	5	2	0
350	7	17	2	4	0
325	2	1	0	0	0
300	2	-10	1	-3	0
275	5	-10	4	-3	0
250	1	-3	0	-1	0
225	3	12	1	2	0
200	5	16	4	4	0
175	1	2	0	0	0
150	0	7	-1	1	0
125	2	2	1	0	0
100	4	1	3	-1	0
75	3	1	2	0	0
50	5	-5	3	-2	0
25	2	-4	1	-2	0

0	6	6	4	1	0
-25	4	12	2	2	0
-50	2	12	0	2	0
-75	2	10	0	2	0
-100	5	0	3	0	0
-125	4	3	2	0	0
-150	3	0	2	0	0
-175	1	-4	0	-1	0
-200	2	6	1	1	0
-225	0	3	-1	0	0
-250	2	17	1	3	-3
-275	3	19	1	4	3
-300	1	11	-1	2	0
-325	2	3	1	0	0
-350	4	-2	2	-1	0
-375	7	-2	6	-1	0
-400	2	-1	1	-1	0
-425	2	2	0	0	0
-450	5	5	4	1	0
-475					
-500					

Receiver N of Transmitter
MaxMin II (Horizontal Loop EM) (Eby West Grid)

Line 45+00W	3555 Hz IP	3555 Hz OP	888 Hz IP	888 Hz OP	
450					0
425					0
400	-3	-6	1	-2	0
375	2	-7	1	-2	0
350	1	-7	-1	-2	0
325	2	-5	-1	-2	0
300	-2	-7	-2	-2	0
275	2	1	0	0	0
250	2	8	1	1	0
225	0	10	-1	-2	0
200	5	12	3	2	0
175	1	12	0	3	0
150	2	10	0	2	0
125	2	2	0	0	0
100	3	1	1	-1	0
75	4	-1	2	-1	0
50	2	-3	1	-1	0
25	2	-1	1	-1	0
0	4	7	2	1	0
-25	5	10	2	2	0
-50	6	4	3	1	0
-75	4	2	0	0	0
-100	2	0	0	-1	0
-125	3	-7	2	-2	0
-150	0	-7	1	-2	0
-175	3	-4	1	-1	0
-200	-1	5	-2	1	0
-225	2	13	-1	3	0
-250	1	2	-1	0	0

-275	4	0	2	-1	0
-300	0	0	-1	0	0
-325	-1	-5	-2	-2	0
-350	2	-2	1	-1	0
-375	2	3	1	0	0
-400	5	6	3	1	0
-425	3	7	1	1	0
-450	5	1	4	0	0
-475					0
-500					0

Receiver S of Transmitter
MaxMin II (Horizontal Loop EM) (Eby West Grid)

Line 44+00W	3555 Hz IP	3555 Hz OP	888 Hz IP	888 Hz OP	
450					0
425					0
400	2	7	0	1	0
375	1	7	0	1	0
350	1	9	1	2	0
325	3	3	1	0	0
300	2	1	1	-1	0
275	5	2	3	0	0
250	2	-3	0	-1	1
225	1	7	0	1	3
200	2	11	1	2	-2
175	5	9	3	2	0
150	4	10	2	2	1
125	3	12	2	3	2
100	4	8	2	1	-3
75	2	2	1	0	0
50	5	1	4	-1	3
25	5	0	3	-1	-1
0	0	8	1	2	0
-25	4	22	1	5	0
-50	4	23	2	5	0
-75	2	2	1	0	0
-100	1	-1	0	-1	0
-125	2	-3	1	-1	0
-150	5	-4	3	-2	0
-175	6	5	3	1	1
-200	3	7	1	1	4
-225	1	5	-1	1	0
-250	4	6	2	1	1
-275	2	5	1	1	-2
-300	2	5	0	1	5
-325	5	9	3	2	-3
-350	5	9	3	2	3
-375	5	7	3	1	-1
-400	0	2	1	0	-4
-425	0	-2	-2	-1	0
-450	-1	-4	-2	-2	0
-475	0	-3	-1	-2	0
-500	4	-1	2	-1	0

Receiver N

EBY WEST GRID: Eby Tp. 1997

MaxMin II (Horizontal Loop EM) (Eby West Grid)

Line 43+00W	3555 Hz IP	3555 Hz OP	888 Hz IP	888 Hz OP	
450					0
425					0
400					0
375					0
350	2	5	1	1	0
325	0	5	-2	1	0
300	4	4	1	1	0
275	1	5	0	1	0
250	2	4	1	1	0
225	3	4	1	1	0
200	3	5	1	1	0
175	3	2	1	0	0
150	1	0	-1	-1	0
125	2	-2	0	-1	0
100	2	-2	0	-1	0
75	-1	-3	-2	-1	0
50	3	-4	1	-1	0
25	2	-3	0	-1	0
0	1	-1	-1	-1	0
-25	1	1	-1	0	0
-50	2	1	0	0	0
-75	3	-2	2	-1	0
-100	3	-5	2	-2	0
-125	2	-5	1	-2	0
-150	4	-3	2	-1	0
-175	1	2	-1	0	0
-200	2	7	0	1	-2
-225	2	8	1	1	-3
-250	4	8	2	1	0
-275	4	5	2	1	5
-300	2	5	1	1	0
-325	3	5	1	1	-7
-350	3	4	1	1	-12
-375	4	7	2	1	-3
-400	3	7	1	1	-1
-425	7	8	5	1	8
-450	3	11	1	2	4
-475	6	5	4	1	4
-500					0

Receiver S of Transmitter

MaxMin II (Horizontal Loop EM) (Eby West Grid)

Line 42+00W	3555 Hz IP	3555 Hz OP	888 Hz IP	888 Hz OP	
450					0
425					0
400					0
375					0
350					0
325	2	5	0	1	0
300	0	5	-1	1	0
275	4	5	2	1	0
250	3	6	1	1	0

225	2	8	0	1	0
200	2	10	1	3	0
175	2	10	1	2	0
150	3	5	1	1	0
125	2	0	1	-1	0
100	1	-5	-1	-2	0
75	2	-3	0	-2	0
50	5	-2	2	-1	0
25	0	-3	-1	-1	0
0	3	-3	2	-1	0
-25	2	0	0	-1	0
-50	7	9	4	2	0
-75	4	13	1	3	0
-100	3	13	1	3	0
-125	3	2	1	0	0
-150	2	-5	2	-2	0
-175	3	-7	1	-2	0
-200	-1	-4	-1	-1	0
-225	3	-1	1	-1	0
-250	4	6	2	1	0
-275	0	3	-1	0	0
-300	0	5	-2	1	0
-325	0	8	-2	23	0
-350	-1	8	-3	2	0
-375	5	15	2	3	3
-400	1	10	-1	2	2
-425					-3
-450					0

Receiver S of Transmitter
MaxMin II (Horizontal Loop EM) (Eby West Grid)

Line 41+00W	3555 Hz IP	3555 Hz OP	888 Hz IP	888 Hz OP	
450	-1	-5	-2	-2	0
425	-1	-2	-2	-1	0
400	1	1	-1	0	0
375	1	2	-1	0	0
350	2	0	-1	0	0
325	1	-1	-1	-1	0
300	-1	-3	-2	-1	0
275	3	-3	1	-1	0
250	2	2	0	0	0
225	2	2	0	0	0
200	4	-3	2	-1	0
175	4	2	2	0	0
150	3	7	1	1	0
125	3	18	0	4	0
100	3	20	0	4	0
75	7	8	5	2	0
50	1	4	-1	1	0
25	0	-3	-1	-1	0
0	0	-2	-2	-1	0
-25	0	0	-1	-1	0
-50	3	-1	1	-1	0
-75	1	-1	-1	-1	0
-100	4	2	2	-1	0

-125	1	3	-1	0	0
-150	0	5	-2	1	0
-175	1	4	0	0	0
-200	-2	1	-2	-1	0
-225	2	-1	1	-1	0
-250	-2	-1	-2	-1	0
-275	2	-1	1	-1	0
-300	1	1	0	0	0
-325	4	4	3	1	0
-350	1	9	0	2	0
-375	5	8	4	2	0
-400					0
-425					0

Receiver N of Transmitter
MaxMin II (Horizontal Loop EM) (Eby West Grid)

Line 40+00W	3555 Hz IP	3555 Hz OP	888 Hz IP	888 Hz OP	
450					0
425					0
400	5	0	3	0	0
375	4	-1	2	-1	0
350	1	-4	0	-2	0
325	1	-5	1	-2	0
300	-1	-6	-2	-2	0
275	2	-10	1	-3	0
250	2	-8	1	-2	0
225	8	2	5	0	0
200	4	12	2	2	0
175	6	22	3	4	0
150	6	16	4	3	0
125	6	12	4	2	4
100	2	15	0	3	2
75	5	12	2	2	2
50	4	12	2	2	0
25	3	5	0	1	0
0	2	-7	1	-2	0
-25	3	-7	2	-2	0
-50	1	-6	1	-2	0
-75	3	-4	1	-2	0
-100	3	1	1	-1	0
-125	2	4	0	1	0
-150	4	8	1	1	0
-175	4	4	1	1	0
-200	3	1	1	0	0
-225	5	-2	2	-1	0
-250	3	-3	0	-1	0
-275	5	0	2	0	0
-300	5	1	1	0	0
-325	-1	-8	-2	-2	0
-350	0	-8	-1	-2	0
-375	1	-5	-1	-2	0
-400	5	2	1	0	0
-425	5	9	1	2	0
-450	6	8	2	1	0
-475					0

-500					0

Receiver W of Transmitter
MaxMin II (Horizontal Loop EM) (Eby West Grid)

Line 3+75N	3555 Hz IP	3555 Hz OP	888 Hz IP	888 Hz OP	
4000					0
4025					0
4050	4	-2	2	-1	0
4075	4	-2	2	-1	0
4100	3	5	2	1	0
4125	6	4	4	0	0
4150	6	6	5	1	4
4175	2	6	1	1	6
4200	2	5	1	1	0
4225	4	4	2	1	0
4250	4	4	2	1	2
4275	1	5	0	0	4
4300	4	4	2	1	3
4325	2	5	1	0	1
4350	1	4	1	1	0
4375	1	5	0	1	-3
4400	1	5	0	1	-2
4425	1	1	1	0	-2
4450	0	-4	-1	-1	0
4475	1	-11	1	-3	0
4500	-1	-12	-1	-3	0
4525	-3	-11	-3	-3	0
4550	0	-8	-1	-2	0
4575	2	-2	1	-1	0
4600	6	7	3	1	0
4625	7	25	1	5	0
4650	7	23	1	5	0
4675	5	7	1	3	0
4700	4	2	2	0	0
4725	3	2	1	-1	0
4750	4	2	2	0	0
4775					0
4800					0

Receiver W of Transmitter
MaxMin II (Horizontal Loop EM) (Eby West Grid)

Line 0+00N	3555 Hz IP	3555 Hz OP	888 Hz IP	888 Hz OP	
4000					0
4025					0
4050	4	-2	3	-1	0
4075	1	-4	0	-2	0
4100	3	6	1	1	0
4125	2	8	-1	1	0
4150	2	7	0	1	0
4175	2	6	0	1	0
4200	2	-2	1	-1	0
4225	1	1	0	0	0
4250	1	-1	0	-1	0
4275	0	-2	-1	-1	0

4300	2	-6	1	-2	0
4325	-1	-2	-2	-1	0
4350	0	8	-1	-2	0
4375	-1	19	-2	4	0
4400	1	14	-1	3	0
4425	-1	6	-2	1	0
4450	2	2	1	-1	0
4475	2	-6	1	-2	0
4500	1	3	-1	0	0
4525	1	2	-1	0	0
4550	5	8	3	2	0
4575	3	8	1	2	0
4600	3	11	2	2	0
4625	3	-4	2	-1	0
4650	2	-6	2	-2	0
4675	1	-5	0	-2	0
4700	2	3	1	0	0
4725	3	13	2	2	0
4750	-1	11	-2	2	0
4775					0
4800					0

Receiver E of Transmitter
MaxMin II (Horizontal Loop EM) (Eby West Grid)

Line 4+50S	3555 Hz IP	3555 Hz OP	888 Hz IP	888 Hz OP	
4000					0
4025					0
4050	2	-12	1	-3	0
4075	-1	-9	-1	-3	0
4100	-1	-8	-2	-2	0
4125	0	-9	-1	-2	0
4150	-1	-9	-1	-3	0
4175	0	-7	-2	-2	0
4200	2	0	0	-1	0
4225	4	5	3	1	0
4250	2	9	0	2	0
4275	5	12	3	3	0
4300	7	12	6	2	0
4325	4	8	2	2	0
4350	2	3	2	1	0
4375	3	-3	2	-1	0
4400	3	-5	2	-1	0
4425	2	-4	1	-2	0
4450	2	-3	1	-1	0
4475	4	-2	3	-1	0
4500	5	-1	4	-1	0
4525	3	-1	2	-1	0
4550	3	-3	2	-2	0
4575	4	1	2	-1	0
4600	1	3	0	0	0
4625	3	9	2	2	0
4650	2	9	1	2	0
4675	2	4	1	0	0
4700	2	2	1	0	0
4725	3	0	2	-1	0
4750					0
4775					0

Ontario Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use)
W9980.00165
Assessment Files Research Imaging

42A01SE2008 2.19304 EBY 900

ubsection 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, sessment work and correspond with the mining land holder. Questions about this rthern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury.

Instructions: - For work performed on Crown Lands before **recording** a claim, use form 0240.
- Please type or print in ink.

Recorded holder(s) (Attach a list if necessary)

Name: Douglas Robinson	Client Number: 222806
Address: Box 218 Swastika Ontario P0K-1T0	Telephone Number: 705-642-9153
	Fax Number: 705-642-9153
Name:	Client Number:
Address:	Telephone Number:
	Fax Number:

Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

Geotechnical: prospecting, surveys, assays and work under section 18 (regs) | Physical: drilling stripping, trenching and associated assays | Rehabilitation

Work Type: ✓	Office Use
	Commodity: Au
	Total $ Value of Work Claimed: 13,631
Dates Work Performed: From 02 05 97 To 97 02 99 (Day / Month / Year)	NTS Reference: 42A/1
Global Positioning System Data (if available): 5324000 mN 0555500 mE	Township/Area: Eby
M or G-Plan Number: M 345	Mining Division: Larder Lake
	Resident Geologist District: Kirkland Lake.

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

Person or companies who prepared the technical report (Attach a list if necessary)

Name: Doug Robinson Consulting	Telephone Number: 705-642-9153
Address:	Fax Number: 705-642-9153
Name: 2.19	Telephone Number:
Address:	Fax Number:
Name:	Telephone Number:
Address:	Fax Number:

RECEIVED LARDER LAKE MINING DIVISION MAR 1 99 1:55 pm

RECEIVED MAR - 2 1999 12:00 GEOSCIENCE ASSESSMENT OFFICE

Certification by Recorded Holder or Agent

Douglas Robinson (Print Name), do hereby certify that I have personal knowledge of the facts set forth in s Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its mpletion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent: Douglas Robinson	Date: Feb 27, 1999
Agent's Address: Box 218 Swastika Ontario P0K-1T0	Telephone Number: 705-642-9153
	Fax Number: 705-642-9153

I (03/97)

Deemed on May 31/99

5. **Work to be recorded and distributed.** Work can only be assigned to claims that are contiguous (adjoining) to the mir land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this fo

W9980.00165

	Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of w to be distributed at a future date
eg	TB 7827	16 ha	$26,825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8,892	$ 4,000	0	$4,892
1	1205781	1		400		DRR ~~400~~
2	1205782	2				
3	1205783	DRR B 2		800		DRR ~~800~~
4	1205784	1				
5	1205787	1		~~800~~ DRR		
6	1205788	2		800		DRR ~~800~~
7	1205789	2				
* 8	1205790	2	800	800	~~800~~	0
** 9	1205791	2	6000	~~2000~~	2000	4000
** 10	1205792	2	6000		800	5200
* 11	1205793	2	831	800		31
~~12~~	~~1205794~~	DRR ←	claim to	be dropped		
~~13~~	~~1205795~~	DRR ←	claim to	be dropped		
~~14~~	~~1205796~~	DRR ←	claim to	be dropped		
15	1205798	2		800		~~800~~
	Column Totals		13631	~~4800~~ 4400	2800	~~2800~~ 9231

I, Douglas Robinson (Print Full Name), do hereby certify that the above work credits are eligible unc subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing	Date
Douglas Robinson	Feb 27, 1999

6. Instruction for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish t prioritize the deletion of credits:

- ☒ 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- ☒ 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- ☐ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Credit to be cut back from Last to First (Backwards)
Please do Not allow any claims (1-11) and (15) to lapse

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)

RECEIVED
LARDER LAKE
MINING DIVISION
MAR 1 1999
1:55

RECEIVED
MAR - 2 1999
MINING LANDS SECTION
ASSESSMENT OFFICE

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

45/40

Transaction Number (office use): W9980.00165

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of work Depending on the type of work, list the number of hours/day worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Geology	5 day (10.8 Km Line)	350	1750
Line Cut	10.766 Km	300	3230
Max Min 3555 Hz	} all inclusive		
Max Min 888 Hz	} all inclusive		
Topographic Measurements	} 10.775 Km	275	2963
Magnetic Profiles	3 passes 11.725 Km	108	1266
Magnetic Contour	map edit data 1.5 day	350	525
Associated Costs (e.g. supplies, mobilization and demobilization).			
Report & Drafting	7 day	350	2450
Supervision, Logistics, Field Support	3.5 day	350	1225
Reports 201 pg @ 0.15			30
misc interim pages 201 @ 0.15			30
2 Large Prints		7.49	15
Transportation Costs	392 Km	0.35	137
1 large mylar		10	10
Food and Lodging Costs			
		Total Value of Assessment Work	13,631

Calculations of Filing Discounts:

Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total $ value of worked claimed

Note:

Work older than 5 years is not eligible for credit.

A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Ministry may reject all part of the assessment work submitted.

RECEIVED
MAR - 2 1999
GEOSCIENCE ASSESSMENT OFFICE

Certification verifying costs:

I, Douglas Robinson (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as Douglas Robinson (recorded holder, agent, or state company position with signing authority). I am authorized to make this certification.

RECEIVED
RAINY LAKE
MAR 1 99
1-55

Signature	Date
Douglas Robinson	Feb. 27/99

2 (03/97)

2.19984

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

Ontario

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (877) 670-1555

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

April 7, 1999

DOUGLAS RAYMOND ROBINSON
24 VICTORIA AVENUE
BOX 218
SWASTIKA, ONTARIO
P0K-1T0

Dear Sir or Madam:

Submission Number: 2.19304

Status

Subject: Transaction Number(s): W9980.00165 Deemed Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at steve.beneteau@ndm.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,

ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 13598

Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.19304

Date Correspondence Sent: April 07, 1999 **Assessor:** Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9980.00165	1205781	EBY	Deemed Approval	April 01, 1999

Section:
12 Geological GEOL
14 Geophysical EM
14 Geophysical MAG

Correspondence to:
Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):
DOUGLAS RAYMOND ROBINSON
SWASTIKA, ONTARIO

Correspondence ID: 13598

TRIM LINE

W.345

TWP EBY

Grenfell Twp. M.351

Burt Twp. M.334

Otto Twp. M.379

Blain Twp. M.418

VI

V

IV

III

II

I

12 11 10 9 8 7 6 5 4 3 2 1

2.19304
GEOL, EM, MAG

1186394 Kenogami 1186326 1186393 1186395 1186329 1186391 1187002 1107525 1226928 206292 1226926 1206111 1226896 1226690 1180037 118569

1222211 1202847 1202477 1205789 1205791 1205790 1205788 1205787 1205783 1205782 1205781 1205792 1205793 1205794 1205795 1205796 1205798

Lake Crooked Hydro Line Trans Canada Pipeline Cc. L.U.P. S.R.O.

THE TOWNSHIP OF

EBY

DISTRICT OF TIMISKAMING

LARDER LAKE MINING DIVISION

SCALE: 1 INCH = 40 CHAINS

LEGEND

PATENTED LAND	(P)
CROWN LAND SALE	C.S.
LEASES	(L)
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	(S) OR S.R.O.
ROADS	
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	
CANCELLED	

NOTES

400' surface rights reservation along the shores of all lakes and rivers.

AREAS WITHDRAWN FROM STAKING

Surface Rights Withdrawn under Sec. 36, The Mining Act R.S.O. 1980, ORDER NO. W-01/91/NORT (Trans Canada Pipeline Right of Way and Buffer Zone particularly 40.25 metres or 132 ft. either side of centre line of right of way)

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

DATE OF ISSUE

APR 0 1 1999

PROVINCIAL RECORDING OFFICE - SUDBURY

PLAN NO. M-345

MINISTRY OF NORTHERN DEVELOPMENT AND MINES

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K. Kalamov

42A01SE2008 2.19304 EBY 200

Recd Jan. 25/89

TRIM LINE

W.345

TWP EBY

42A

May 28, 29

May 27

GEOLOGY
EBY WEST GROUP (D. ROBINSON)

SCALE 1:1000

0 20 40 60 80 100m

GRID TRUE NORTH
Mag Declination 10°W

EBY Tp.

2.19304

N

Max Min EM Response (888 Hz.)
IP in Phase QP Quadrature Phase

Magnetic High
Magnetic Low
Magnetic Break
Line Picket (Mary Ellen Resources)

SP-2-1205790, No 2 Claim Post
LP = Loose Post SP = Stump Post
Ln = Line Post

S Spruce
P Poplar
A Alder
T Tamarack

FeCA Iron Carbonate Alteration
CaA Calcite Alteration

8 Syenite
2 Tholeiitic Volcanics
a very fine grained
b maximum grain size 0.5mm
c maximum grain size 1.5mm
d maximum grain size 1.5mm
t Tuff

N 1/2, Lot 11, Conc IV
S 1/2, Lot 11, Conc. IV
N 1/2, Lot 10, Conc. IV

42A01SE2008 2.19304 EBY 210

Eby West 1:1000 40-48W

Eby West 1:1000 40-48W