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PASMINCO EXPLORATION

HUSKISSON RIVER EL 1/93

**ANNUAL REPORT FOR THE PERIOD
ENDING MARCH 1996**

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13 MAY 1996
See folio 69 to.

AUTHOR: PW Basford

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SUBMITTED BY: *PW Basford*

ACCEPTED BY: *[Signature]*

BURNIE
April
1996

96-3866

ANNUAL REPORT 1996 HUSKISSON
RIVER EL 1/93 PASMINCO

PASMINCO EXPLORATION

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SUMMARY

Exploration on EL 1/93 during the licence year has been concentrated within the Proterozoic Oonah Formation in search for a shale/carbonate hosted massive sulphide deposit. This work has dominantly been follow up of the North Ross Creek aeromagnetic anomaly through ground magnetics and geological reconnaissance.

The eastern portion of EL 1/93 has had no activity carried out on it during the licence year.

CONCLUSIONS AND RECOMMENDATIONS

The source of the North Ross Creek anomaly remains unexplained, however, it appears to be limited to either a magnetic plus mineralised source or purely non-economic intrusive magnetic source. Modelling of the ground magnetic data collected during the year has indicated a similar source to that already established from modelling of the aeromagnetic data.

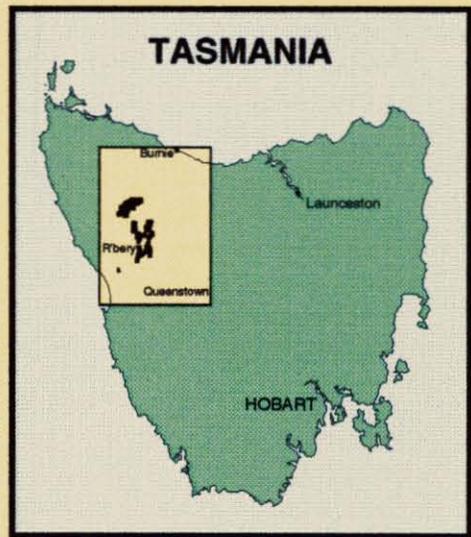
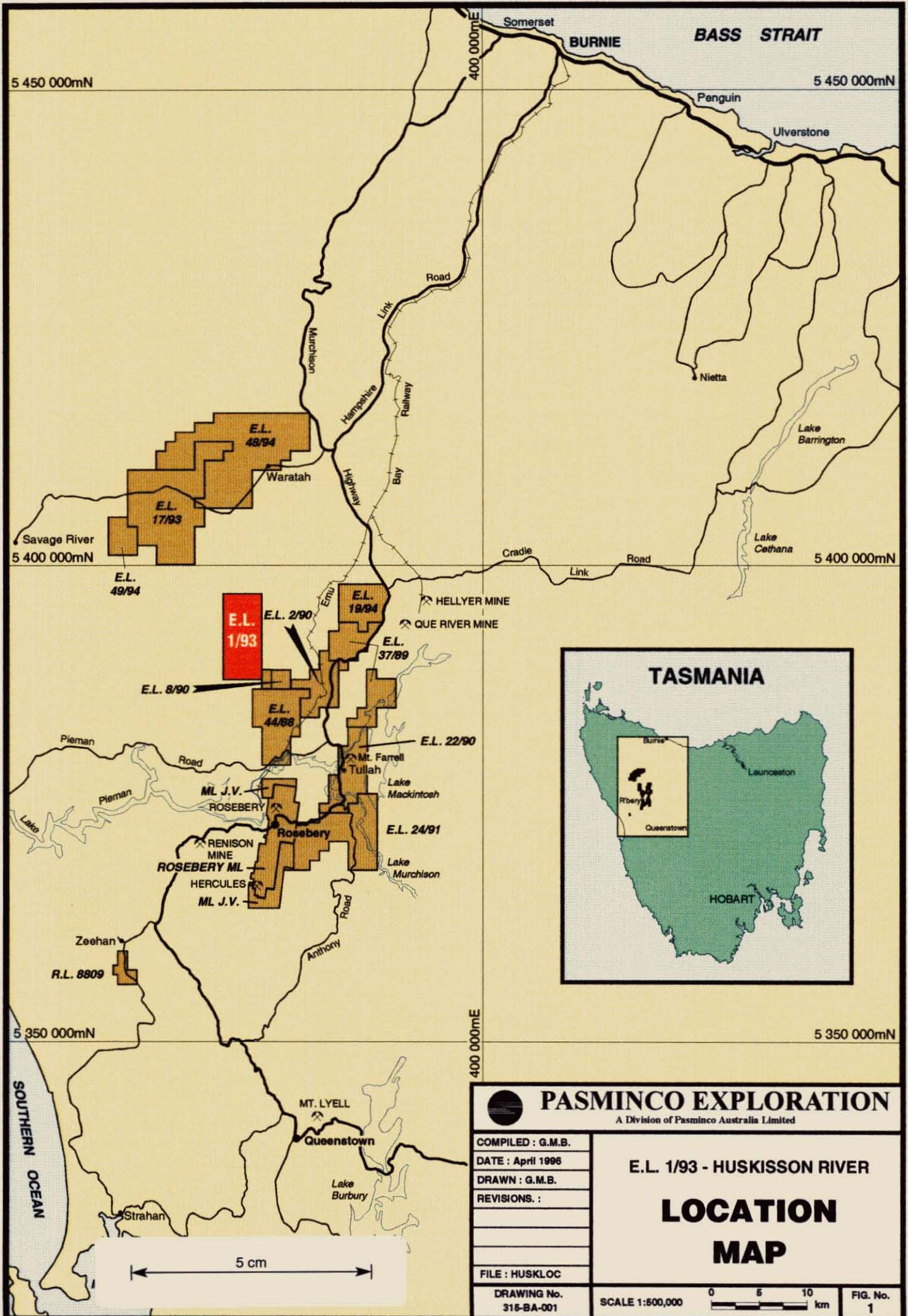
To establish the potential of the anomaly being mineralised, it is recommended a ground electromagnetic survey be conducted over the line with highest magnetic character, to determine if the magnetic source is massive pyrrhotite or magnetite. Surface geochemistry should also be conducted over the anomaly, either by conventional soil sampling or MMI technique. Subsequently, the anomaly should be drill tested using a short diamond drill hole. The drilling will require the use of a helicopter to provide access to the drill pad.

1 INTRODUCTION

This report documents work completed on the Pasmaenco Exploration Huskisson River EL 1/93 from May 1995 to April 1996. A recommended work program for the coming year is also documented.

Exploration on the Huskisson River EL is managed by Pasmaenco Exploration, a division of Pasmaenco Australia Ltd. The Huskisson River EL covers 36km², and lies 19km north-northwest of Rosebery, and includes the Silver Falls workings hosted by the Cambrian Mt Read Volcanics, and the North Ross Creek anomaly and Just In Time prospect, both hosted in Precambrian Oonah Formation (figure 1). The western section is approached via the Forestry track known as Huskisson Drive, whilst the eastern section of the tenement is accessed by a rough track that heads north from Boco Road.

Work during the 95/96 year has been by P Basford and M Saxon. During this period activity has been limited to four days geological reconnaissance, one day of GPS work to establish a grid, grid cutting, and a ground magnetic survey to follow up the North Ross Creek aeromagnetic anomaly.



400 000mE

 PASMINCO EXPLORATION <small>A Division of Pasma Australia Limited</small>	
COMPILED : G.M.B. DATE : April 1996 DRAWN : G.M.B. REVISIONS : FILE : HUSKLOC	E.L. 1/93 - HUSKISSON RIVER LOCATION MAP
DRAWING No. 315-BA-001	SCALE 1:500,000 
FIG. No. 1	



2 TENURE

The Huskisson River EL 1/93 was granted to Pasminco Australia Ltd (Pasminco) on 21st May, 1993, covering 36km² (figure 2). Renewal of this tenement area is now being sought for a further twelve months.

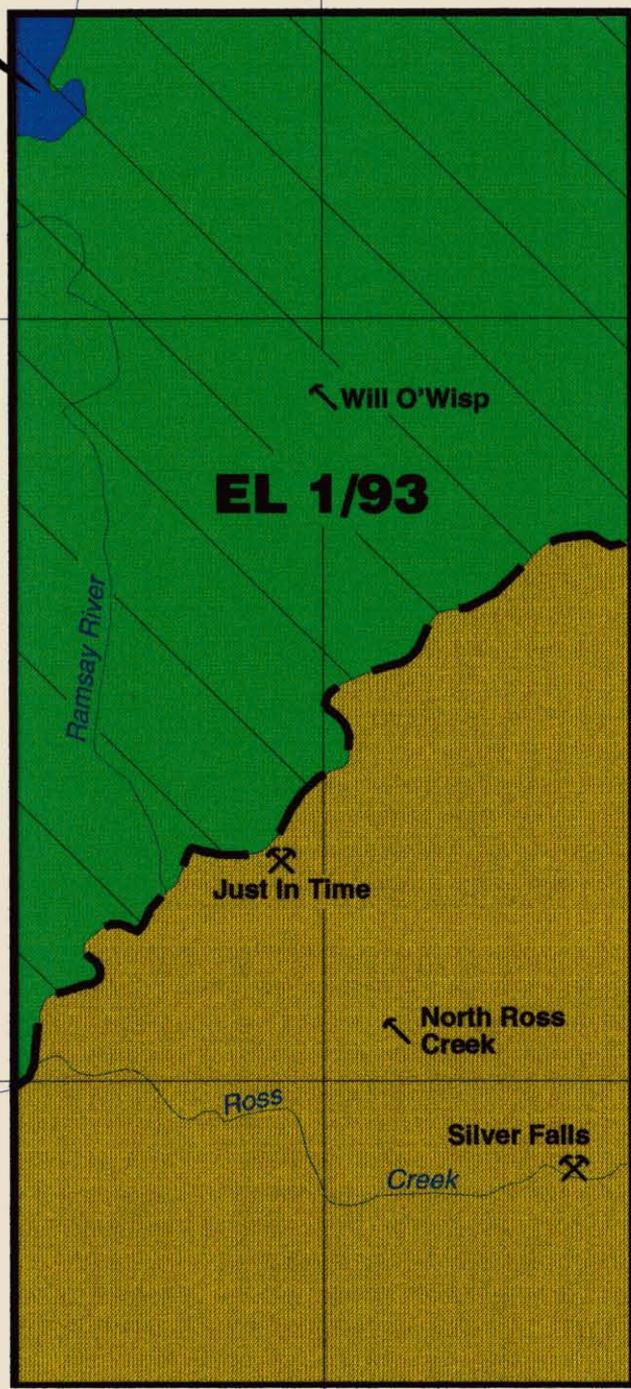
The EL is subject to a number of land classifications. The tenure includes Deferred Forest Land, Multiple Use Forest Land and a small section of Mt Ramsay Recommended Area for Protection (figure 2).

708009

375 000mE

MT. RAMSAY
RAP

5 395 000mN
△
MT. RAMSAY



5 390 000mN

LEGEND



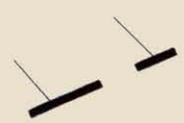
RAP - Recommended Area for Protection



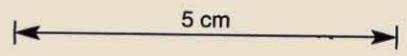
Deferred Forest



Multiple Use Forest



Proposed Tarkine
Wilderness Area
Register of National Estate



PASMINCO EXPLORATION <small>A Division of Pasminco Australia Limited</small>			
COMPILED : G.M.B.	E.L. 1/93 - HUSKISSON RIVER LAND TENURE		
DATE : April 1996			
DRAWN : G.M.B.			
REVISIONS :			
FILE : HUSGEOL			
DRAWING No. 316-GL-046	SCALE 1:50,000	0 500 m	FIG. No. 2

3 REGIONAL GEOLOGY

EL1/93 straddles the western flank of the Dundas trough in western Tasmania. Two sequences prospective for base metals occur, Proterozoic shales and carbonates and mid to late Cambrian Mt Read Volcanics.

Basement in western Tasmania is Precambrian in age, comprising predominantly greenschist facies metasediments with minor basalts and dolerites, although higher grade amphibolite and eclogite facies rocks are also present (Burrett and Martin, 1989). In the western part of the Huskisson River licence, Precambrian Oonah basement is exposed (figure 3).

Cambrian volcanism and sedimentation developed on the margin and within the rift can be subdivided into the Eo-Cambrian tholeiitic Crimson Creek Formation (CCF) and the mid to late Cambrian Dundas Group and predominantly calc-alkaline Mt Read Volcanics (MRV).

The CCF was deposited in shallow but rapidly subsiding basins (Brown, 1986 and Haines, 1991) and consists of basaltic lavas and volcanoclastics, haematite facies turbidites, carbonates, chert and minor evaporites. The formation is exposed in the south-west corner of and immediately west of the licence.

Ultramafic cumulates and volcanic equivalents were thrust onto the CCF in the mid Cambrian (Crawford and Berry 1991). These rocks generate strong magnetic anomalies and outcrop within the Huskisson Syncline, to the west of the licence (figure 3). The ultramafics are interpreted at depth between North Pinnacles and Silver Falls by Leaman (1993).

A package of sediments which post dates the ultramafics and possibly predates the MRV occurs in the eastern sector of the licence and footwall to the Rosebery Fault. These carbonate siltstones, wackes and polymict conglomerates are correlated with the Westcott

Argillite/Salisbury Conglomerate in the Rosebery area and are considered to form the basal units of the Dundas Group. Gradationally overlying this sequence are quartz muscovite sandstone and conglomerate largely derived from Precambrian metasediments, but with some material from felsic volcanics and ultramafics. The sequence is correlated with the Stitt Quartzite at Rosebery.

Volcanics within the MRV include intermediate to felsic lavas, subvolcanic porphyries and granites, volcanoclastics and basement-derived sedimentary rocks. In EL 1/93 equivalents of the MRV are restricted to a narrow strip between the Rosebery Fault and the licence boundary with EL 2/90. At this locality, the MRV comprise pumiceous volcanics, quartz feldspar crystal sandstone and shales.

Regional structures associated with the MRV are the Rosebery Fault, splays of which extend into the Silver Falls area, and Henty Fault which is located 15km east of the licence.

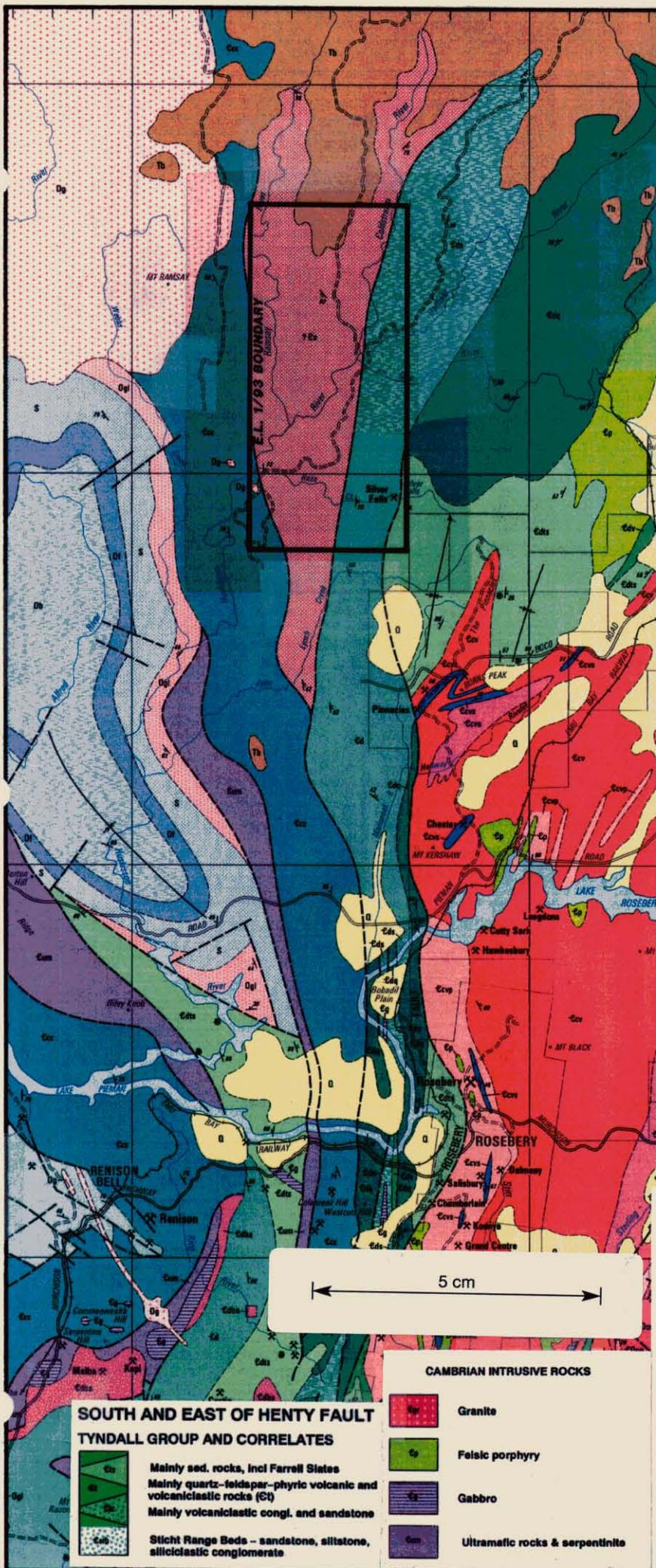
Cambrian volcanism and sedimentation was followed by predominantly basement derived late Cambrian to Devonian age sedimentation, which includes siliciclastic conglomerate, sandstone and limestone. None of these sequences occur within the licence.

At least two phases of regional compression were associated with the mid Devonian Tabberabberan Orogeny (Keele, 1991). The development of folding, cleavage and regional thrusts in lower Palaeozoic rocks were associated with this event. Fold trends in the licences are N to NNE.

Deformation was followed by the extensive intrusion of Devonian to Carboniferous granitoids. The Meredith Granite and its hornfels aureole outcrop in the western part of EL 1/93 (Brown, 1986). The Meredith Granite dominates the regional gravity feature in the licence area (Leaman and Richardson 1989).

The Devonian granites are associated with carbonate replacement tin mineralisation at Renison Bell and Mount Bischoff, and the Pb Zn Ag vein deposits of Zeehan and possibly the Tullah Fields.

After substantial erosion of this terrane extensive Tertiary flood basalts and sub-volcanic sediments were deposited. Remnants of the basalt flows are preserved between the Ramsay and Coldstream Rivers in the north of the licence.



QUATERNARY	Q	Glacial deposits, alluvium, etc.
TERTIARY	Tb	Basalt
	Ts	Sediments - gravel, sand, clays
JURASSIC	Jd	Dolerite
PERMIAN - CARBONIFEROUS	P	Undifferentiated
DEVONIAN	Dd	Dolerite
	Dg	Granite
DEVONIAN - SILURIAN	Db	Bell Shale
	S-D	Florence Sandstone
	S	Silurian
ORDOVICIAN	Og	GORDON GROUP limestone
EARLY ORDOVICIAN - LATE CAMBRIAN	EOu	Upper sandstone sequence including Pioneer Beds (EOu)
	EOc	Undifferentiated conglomerate and sandstone (EOc)
	EOm	Newton Creek Sandstone (EOm) - interbedded sandstone siltstone and conglomerate with marine fossils

**MT. READ VOLCANICS
NORTH AND WEST OF HENTY FAULT
DUNDAS GROUP AND CORRELATES**

Ep	Quartz-feldspar porphyry, mostly intrusive
Eda	Mostly sedimentary rocks - greywacke, siltstone, conglomerate
Edt	Interbedded tuffs and sedimentary rocks
Eds	Quartzwacke-slate-siltstone units, e.g. Silt Quartzite
Edv	Mostly felsic volcanics - mainly tuffs
Edm	Mixed felsic and mafic volcanics and epiclastic breccias, Que-Hellyer area
Edn	Basaltic to andesitic volcanics

CENTRAL VOLCANIC COMPLEX

Ecw	Mainly feldspar-phyric volcanics - dacite, rhyolite, minor andesite (Ecw)
Ep	Felsic porphyry, mainly intrusive
Ecsp	Mainly pyroclastic rocks
Ecsm	Sedimentary rocks, mainly shale and sandstone
Ecva	Andesitic volcanics

**SOUTH AND EAST OF HENTY FAULT
TYNDALL GROUP AND CORRELATES**

Et	Mainly sed. rocks, incl Farrell Slates
Etv	Mainly quartz-feldspar-phyric volcanic and volcanoclastic rocks (Et)
Etsc	Mainly volcanoclastic congl. and sandstone
Etcb	Sticht Range Beds - sandstone, siltstone, siliciclastic conglomerate

CAMBRIAN INTRUSIVE ROCKS

Gr	Granite
Cp	Felsic porphyry
G	Gabbro
U	Ultramafic rocks & serpentinite

ACKNOWLEDGEMENT:
Mt. Read Volcanics Project Map adopted from Map 6 Geological Compilation Map of the Mt. Read Volcanics and Associated Rocks, from Hellyer to South Darwin Peak.
K.D. Corbett B Sc(HON) PhD & A.W. McNeill B Sc(HON) 1988

PASMINCO EXPLORATION
A Division of Pasminco Australia Limited

COMPILED : G.M.B.
DATE :
DRAWN :
REFERENCE :
REVISIONS :
DRAWING No. _____

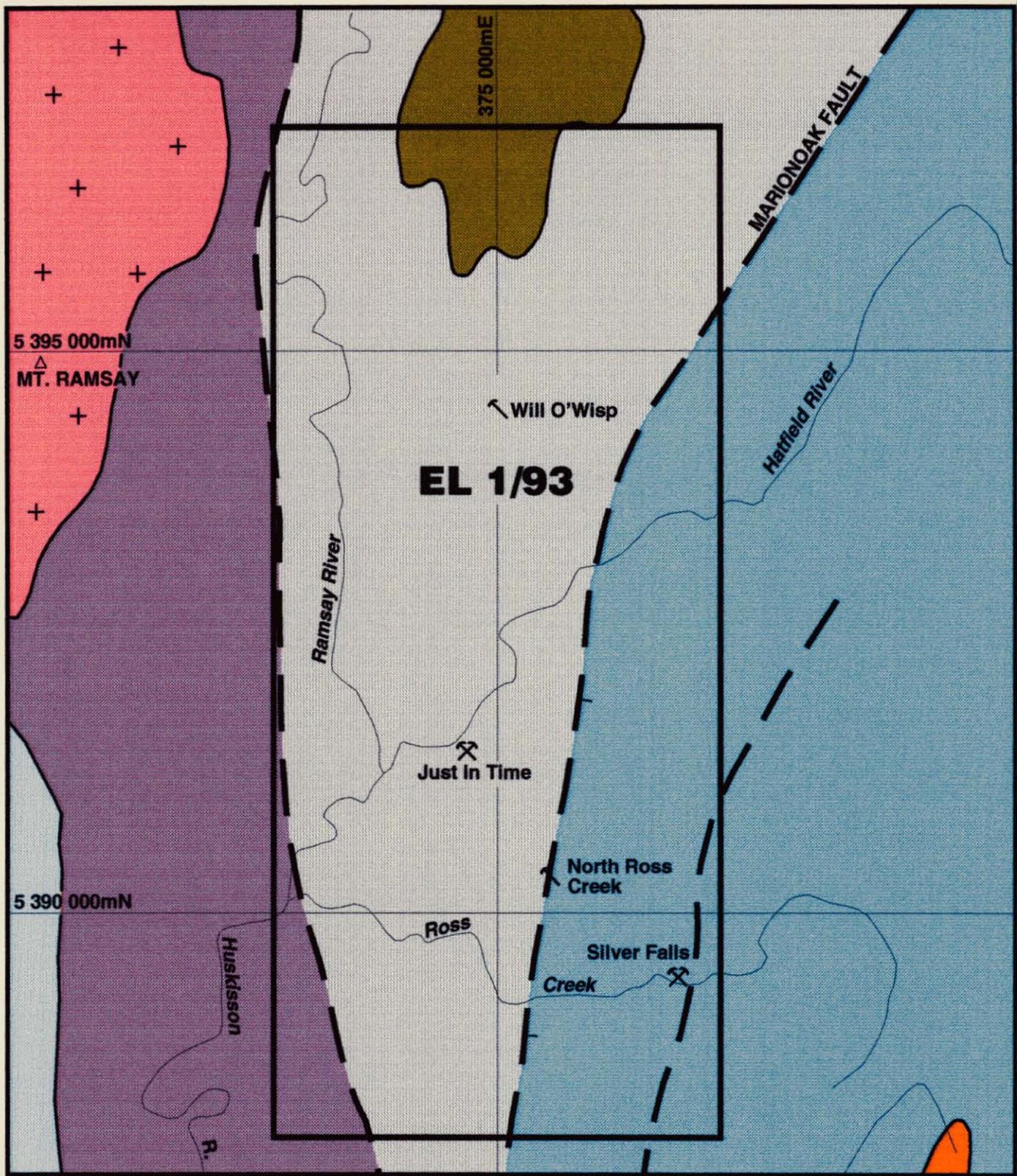
E.L. 1/93 - HUSKISSON RIVER
REGIONAL GEOLOGY
FROM MAP 6 OF THE
MT. READ VOLCANICS PROJECT

SCALE 0 2 4 km
FIG. No. 3

4 OONAH FORMATION EXPLORATION

4.1 Previous Exploration

The previous exploration within the Oonah Formation has been outlined in Poltock (1993), Poltock and Saxon (1994) and Saxon and Basford (1995), and is summarised below in table 1. Past and current prospect areas are outlined on figure 4.



LEGEND

- Tertiary Basalt
- + Devonian Granite
- Gordon Group
- Dundas Group
- Pinnacles Rhyolite
- Crimson Creek Formation
- Oonah Formation

708015

5 cm

PASMINCO EXPLORATION <small>A Division of Pasminco Australia Limited</small>	
COMPILED : M.S.S. DATE : April 1996 DRAWN : G.M.B. REVISIONS : FILE : HUSGEOL	E.L. 1/93 - HUSKISSON RIVER SIMPLIFIED GEOLOGY AND PROSPECT AREAS
DRAWING No. 316-GL-045	SCALE 1:50,000
FIG. No. 4	

TABLE 1: Previous Exploration

Company	Year	Licence	Targets	Work Completed
Comstaff	1969-00	EL 5/63 Part 2	Coldstream-Huskisson-Ramsay area for asbestos, Ni, Sn and Au + base metals	Stream sediment sampling and reconnaissance mapping
	1969-72			Drainage sampling defining Will O Wisp
	1972-00		Pb anomalism	Geological mapping, gossans outlined, CMT and WOW grids established
	1972-73		Pb anomalism - WOW grid	Self Potential, ground magnetics and CRONE Electromagnetic surveys
	1973-00		WOW grid	Diamond Drilling of CR1-6 - results being dolostone-black shale sequence
	1975-00			INPUT EM survey, highlighting CAB anomaly. Followed up by establishment of CAB grid, soil sampling, ground magnetics and ground EM. Airborne anomaly not located
	1983-00		WOW prospect	Resampling / logging of CR1-6, anomalous Pb-Zn in shales.
	1983-84			Restoration of CAB grid, extension to southwest and auger sampling. GENIE EM conducted over grid. CAB anomaly correlated with outcropping black shales
	1985-00		Just-In-Time prospect	1915 Workings cleared, plus new costeaning with chip sampling. Qtz-Ba-Pb veins revealed. Grid established and auger sampled
	1985-00		CAB grid	Repeat GENIE EM survey, plus IP and auger sampling. Minor stream sediment survey also.
	1985-00			Partial relinquishment of EL 5/63 Part 2, WOW and JIT retained
Comstaff - BHP JV	1985-00			Review of work, but no active field work
	1988-00			Licence dropped
RGC	1990-00	EL12/90 EL 15/90	Sn associated with Meredith granite	Minimal work, relinquished in 1992.

708016

4.2 Work Completed April 1995-April 1996

4.2.1 *Ground Magnetic Survey Over North Ross Creek Anomaly*

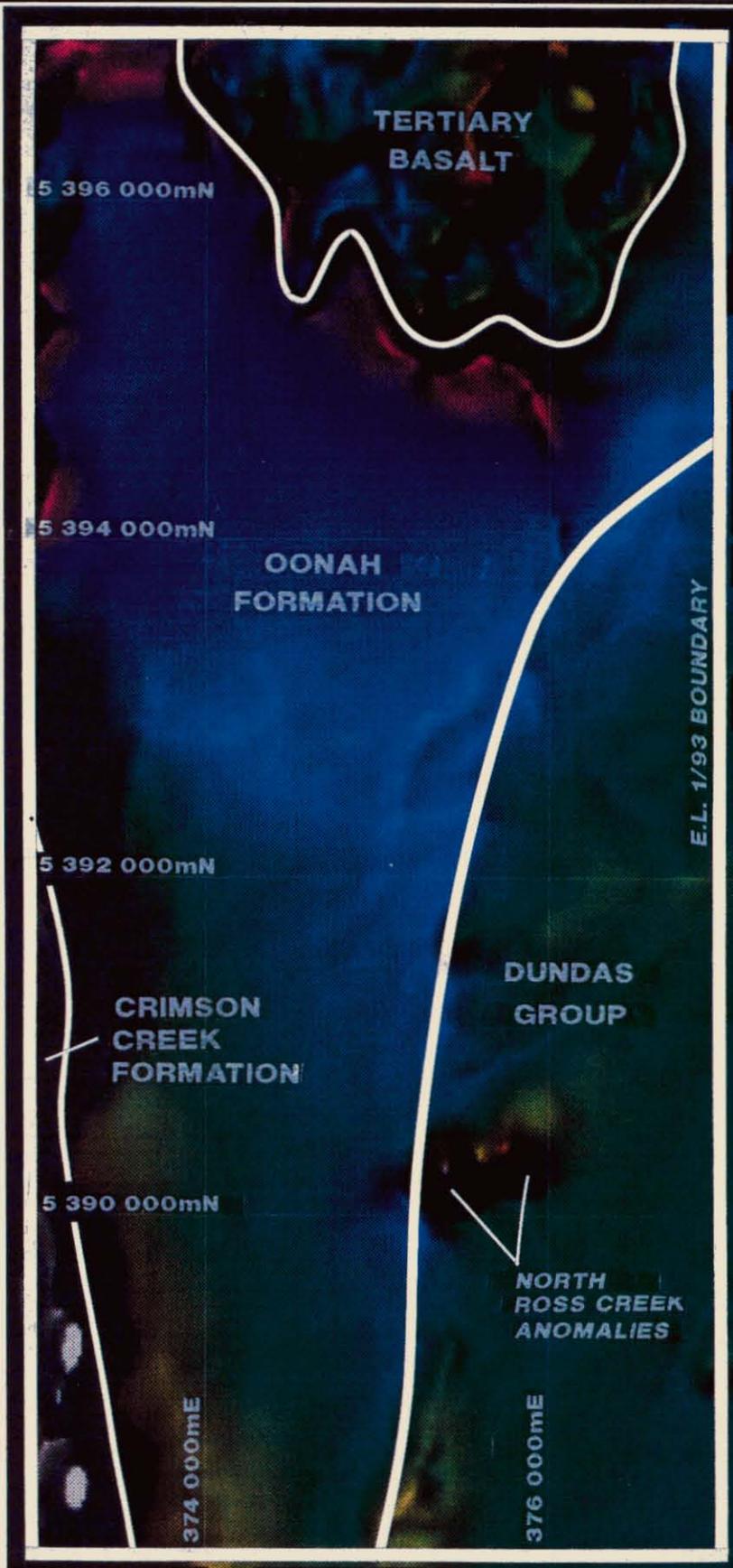
A high resolution aeromagnetic data set was collected over EL 1/93 during 1993. This data was processed in-house by Pasminco, and interpreted during the licence year (figure 5). Data is fully reported in Poltock (1993), Poltock and Saxon (1994), and interpreted in Saxon and Basford (1995).

A follow up ground magnetic survey was conducted to locate the position of the North Ross Creek aeromagnetic anomaly (figure 4 and 5), on the ground, and to enable better resolution of the feature to target an exploration drill hole to investigate the source.

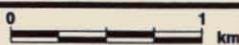
The grid was established by first carrying out a GPS survey to generate points from which to commence the grid cutting. Four points were collected using a Trimble GPS elevated 8m in the air, to generate a better fix with the satellites. Each position was recorded for a period of at least twenty minutes to allow for an accurate fix and better post processing for any irregularities from satellite signals. One point was used to establish the grid, whilst a second was used as a check to determine if the grid was located accurately. This is due to the fact compasses could not be used due to the distortion from the magnetic body. It was later discovered that the grid was within one metre from the check GPS point.

Ground magnetic data was recorded on the December 11 1995 using the GEM overhauser magnetometer, which takes a reading every second. Pegs spaced 20m apart were used to convert the readings in time to distance. The diurnal variation was monitored using a Scintrex OMNI magnetometer, taking readings every thirty seconds. Profiles and the grid are displayed in figures 7-11.

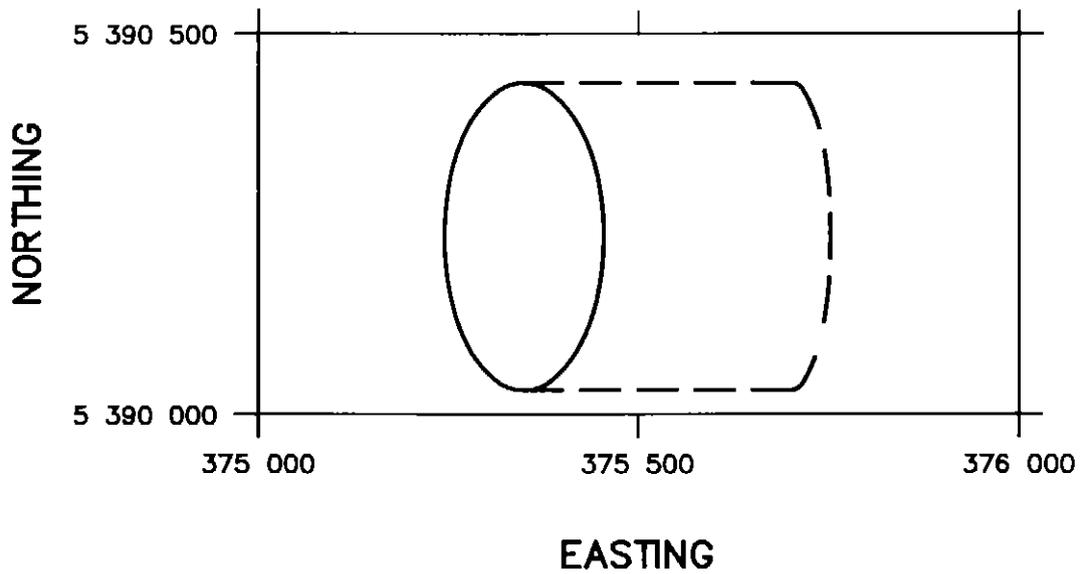
708018



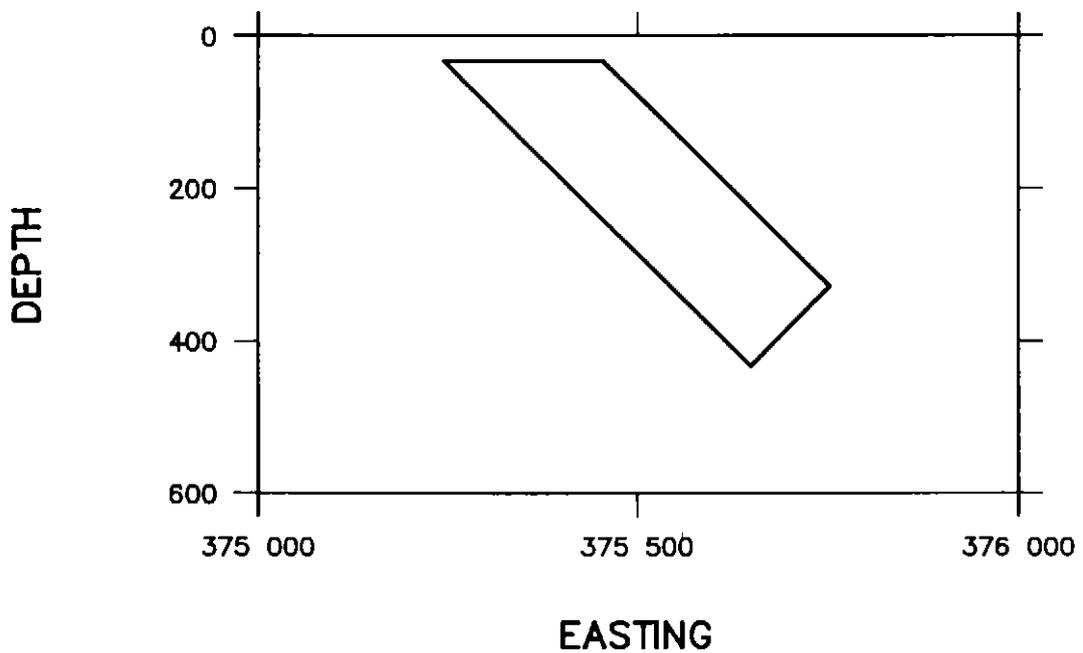
5 cm

 PASMINCO EXPLORATION <small>A Division of Pasminco Australia Limited</small>	
COMPILED : P.W.B.	E.L. 1/94 - HUSKISSON RIVER IMAGED AND INTERPRETED AEROMAGNETIC DATA
DATE : April 1995	
DRAWN : G.M.B.	
REVISIONS :	
FILE :	SCALE 1:40,000  km
DRAWING No. 315-GP-040	
FIG. No. 5	

PLAN VIEW

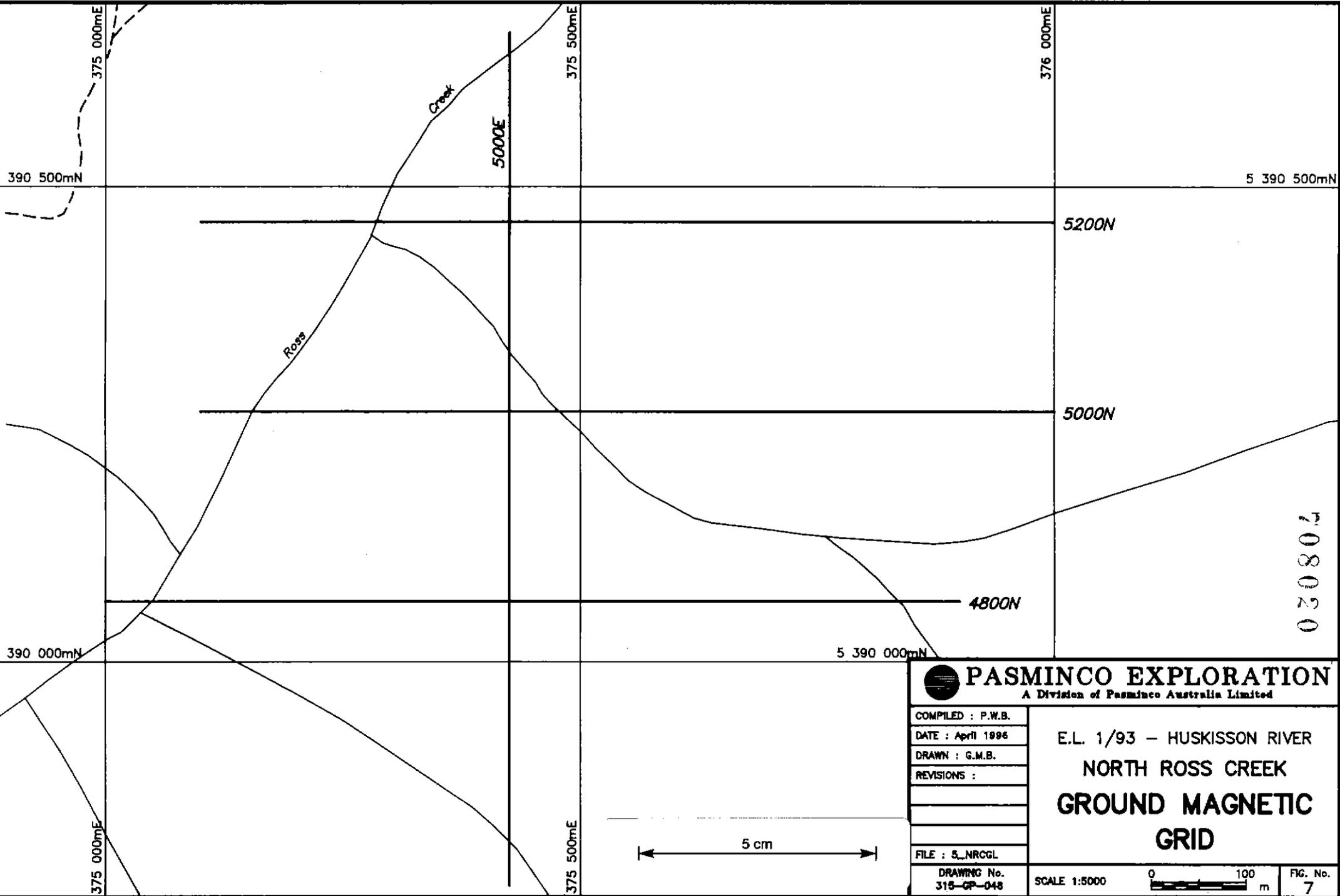


SECTION



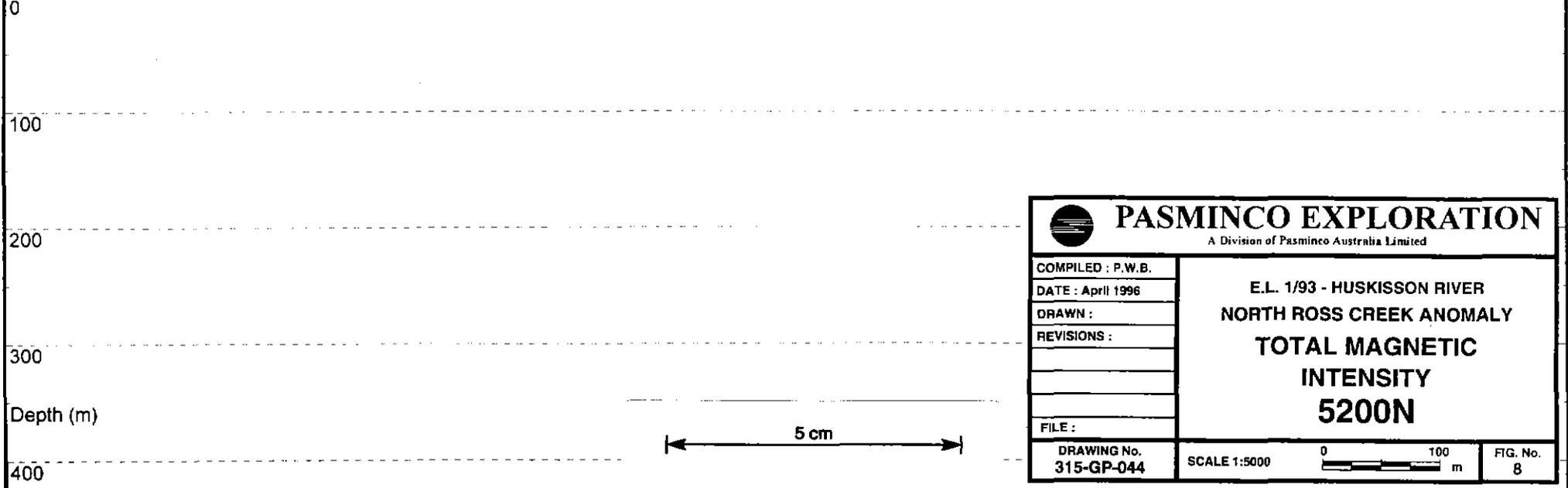
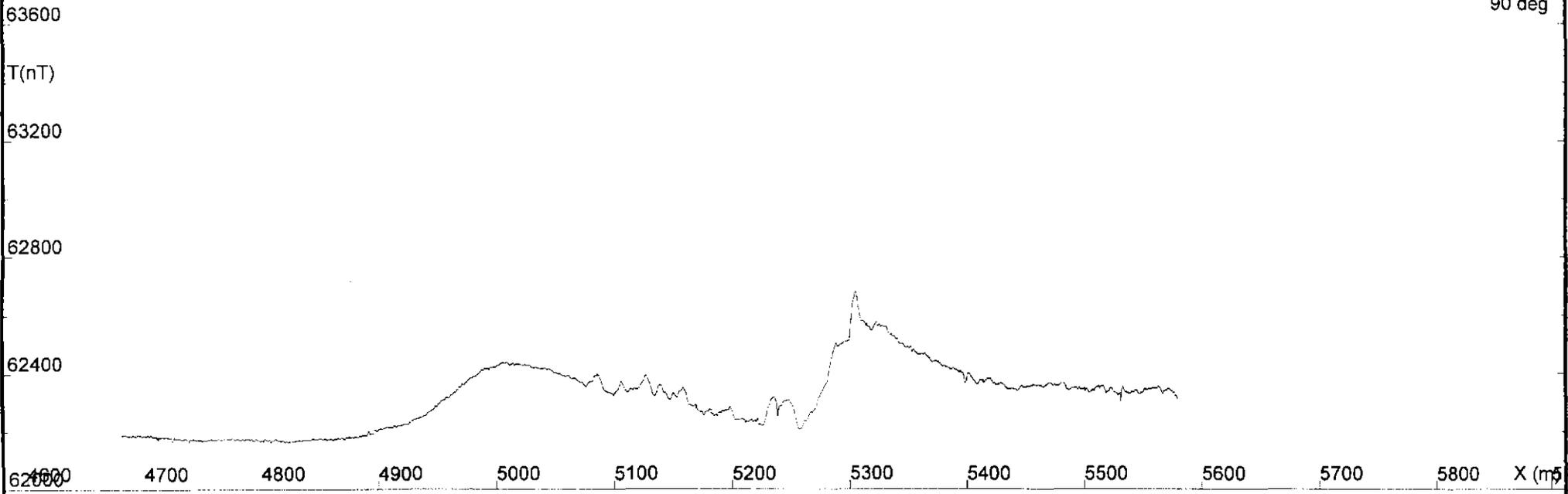
5 cm

 PASMINCO EXPLORATION <small>A Division of Pasma Australia Limited</small>	
COMPILED : P.W.B. DATE : April 1995 DRAWN : G.M.B. REVISIONS : FILE : 5_NRCMS	E.L. 1/93 - HUSKISSON RIVER NORTH ROSS CREEK MODELLED SOURCE
DRAWING No	0 100 FIG No



 PASMINCO EXPLORATION A Division of Pasma Australia Limited	
COMPILED : P.W.B. DATE : April 1996 DRAWN : G.M.B. REVISIONS : FILE : S_NRCGL	E.L. 1/93 - HUSKISSON RIVER NORTH ROSS CREEK GROUND MAGNETIC GRID
DRAWING No. 315-GP-048	SCALE 1:5000 
	FIG. No. 7

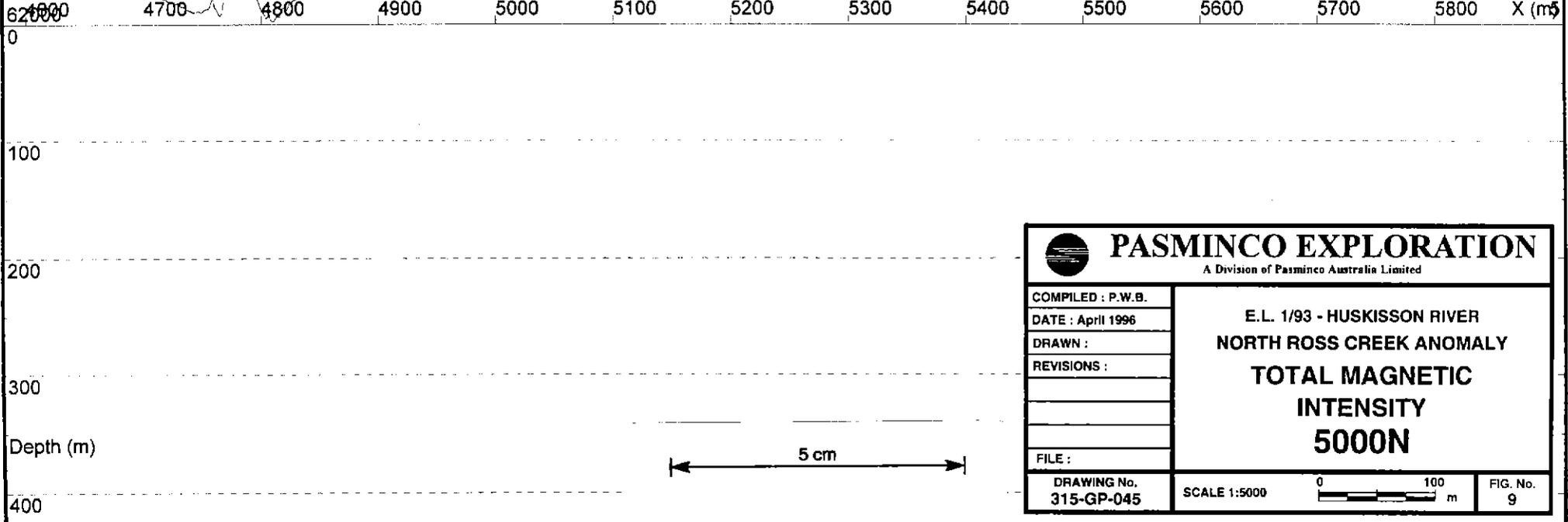
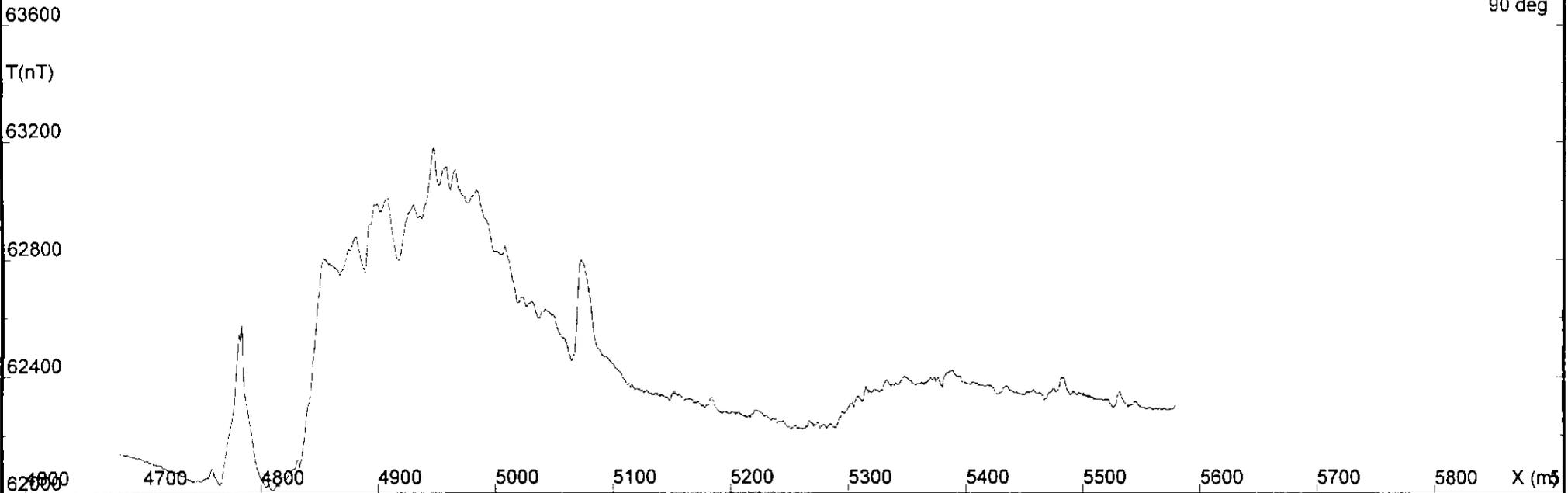
90 deg



 PASMINCO EXPLORATION <small>A Division of Pasminco Australia Limited</small>			
COMPILED : P.W.B.	E.L. 1/93 - HUSKISSON RIVER NORTH ROSS CREEK ANOMALY TOTAL MAGNETIC INTENSITY 5200N		
DATE : April 1996			
DRAWN :			
REVISIONS :			
FILE :			
DRAWING No. 315-GP-044	SCALE 1:5000		FIG. No. 8

708021

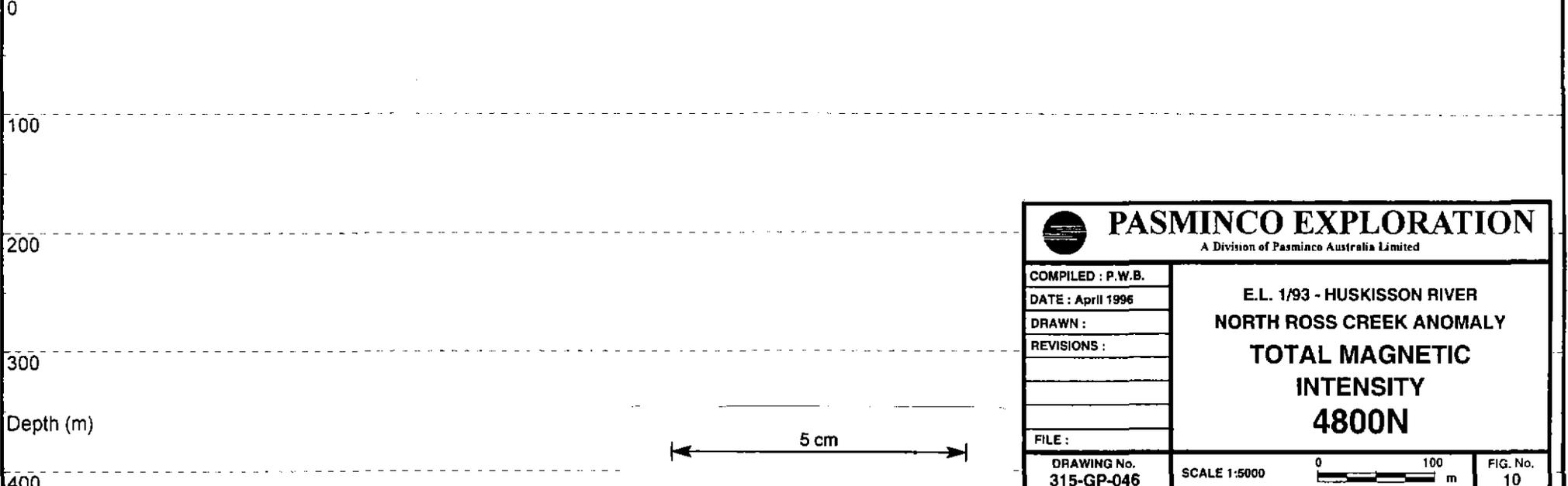
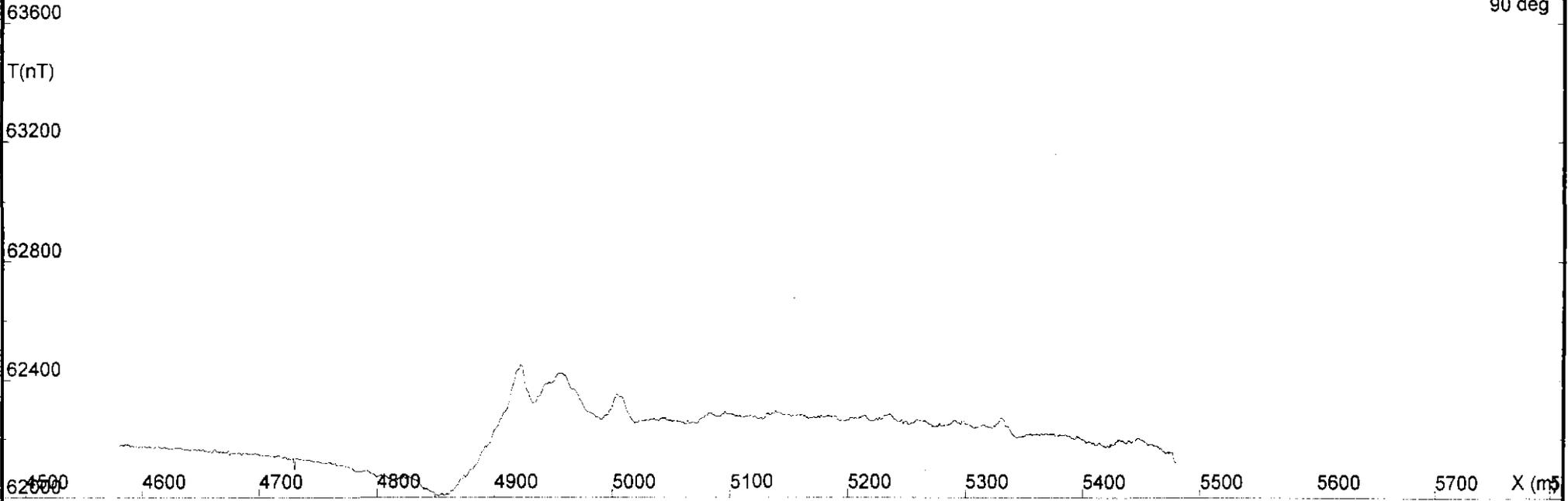
90 deg



 PASMINCO EXPLORATION <small>A Division of Pasmenco Australia Limited</small>			
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DATE : April 1996			
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REVISIONS :			
FILE :			
DRAWING No. 315-GP-045	SCALE 1:5000		FIG. No. 9

708022

90 deg

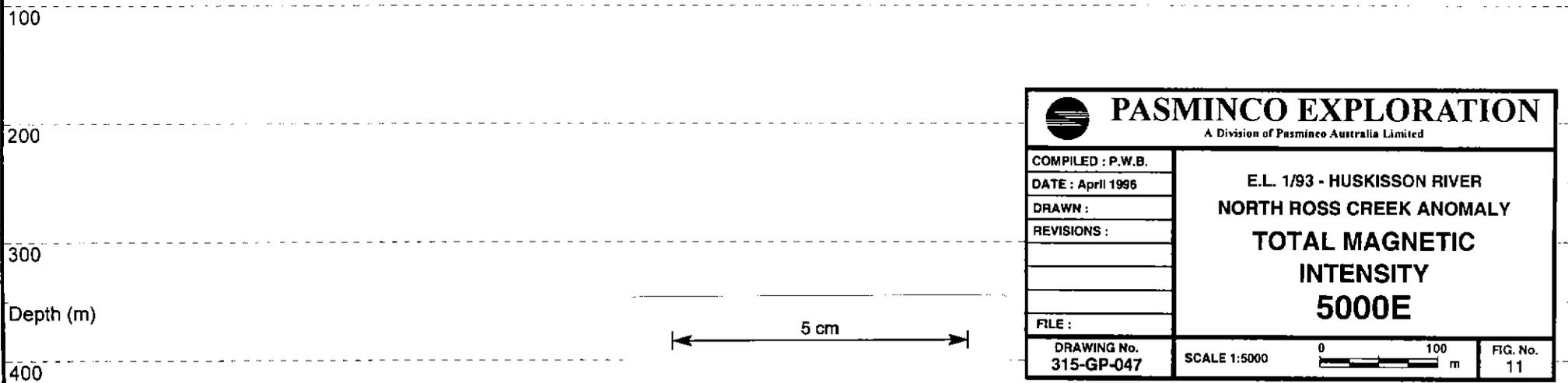
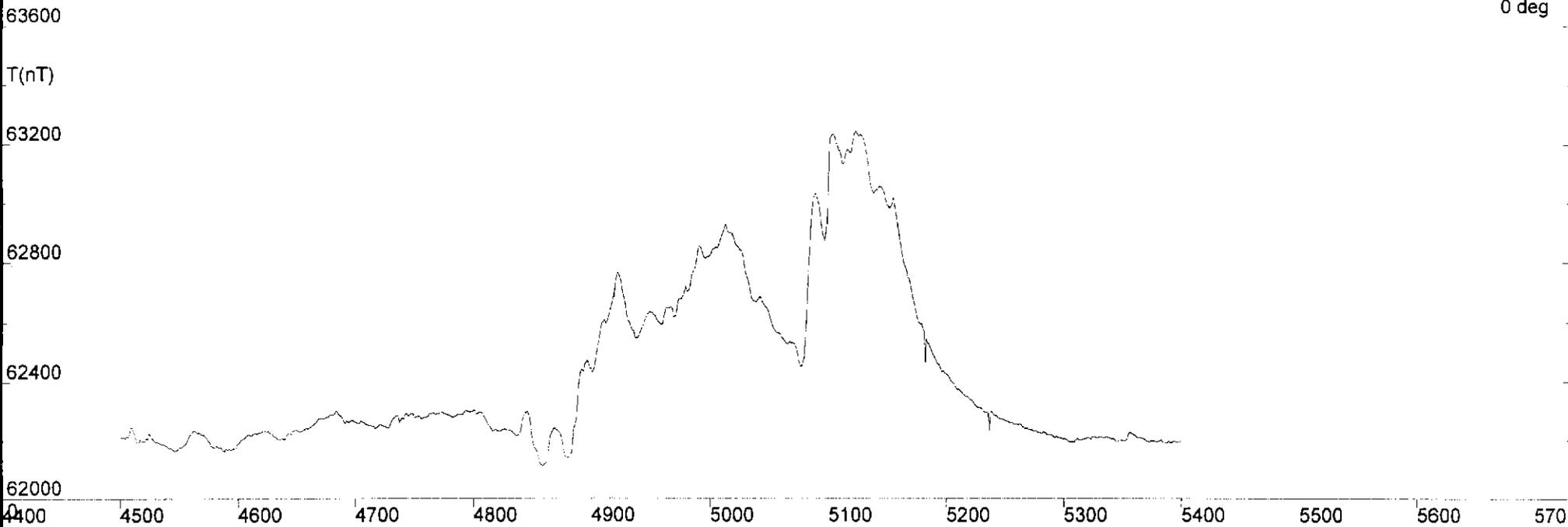


5 cm

 PASMINCO EXPLORATION <small>A Division of Pasma Australia Limited</small>	
COMPILED : P.W.B. DATE : April 1996 DRAWN : REVISIONS : FILE :	E.L. 1/93 - HUSKISSON RIVER NORTH ROSS CREEK ANOMALY TOTAL MAGNETIC INTENSITY 4800N
DRAWING No. 315-GP-046	SCALE 1:5000 
	FIG. No. 10

708023

0 deg



 PASMINCO EXPLORATION <small>A Division of Pasmenco Australia Limited</small>	
COMPILED : P.W.B. DATE : April 1996 DRAWN : REVISIONS : FILE :	E.L. 1/93 - HUSKISSON RIVER NORTH ROSS CREEK ANOMALY TOTAL MAGNETIC INTENSITY 5000E
DRAWING No. 315-GP-047	SCALE 1:5000 
	FIG. No. 11

708024

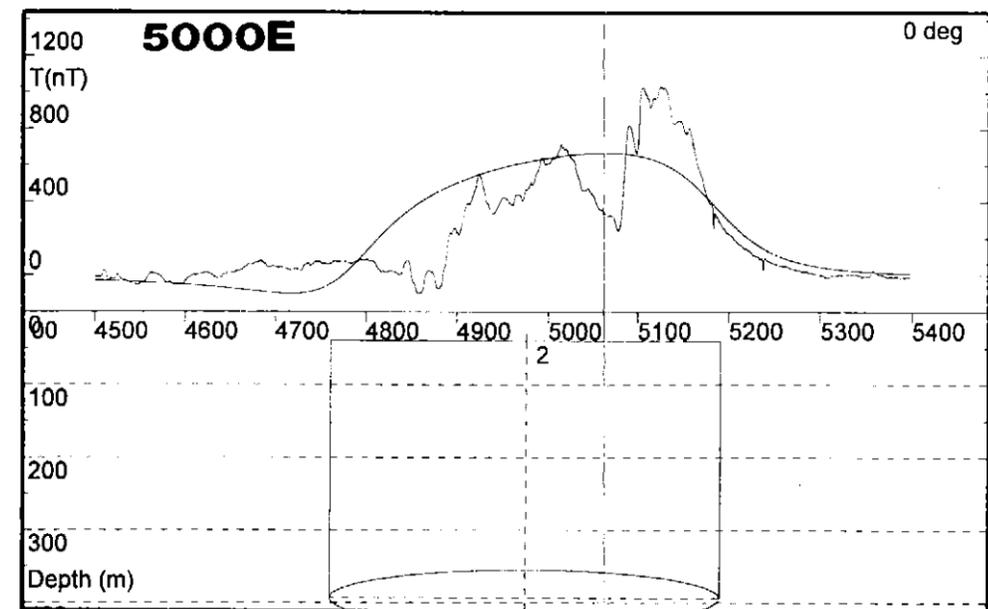
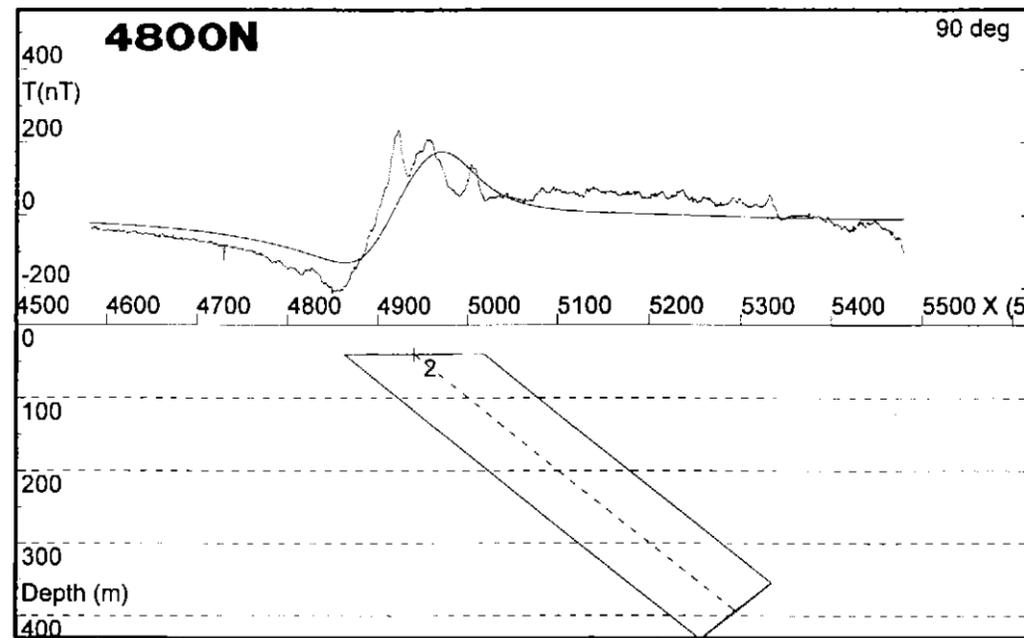
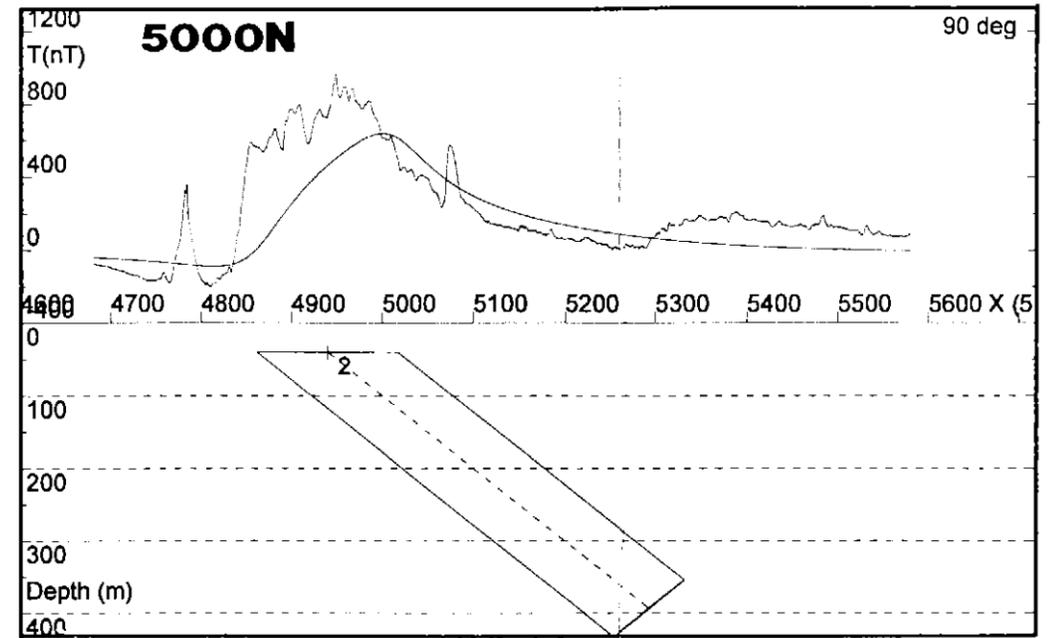
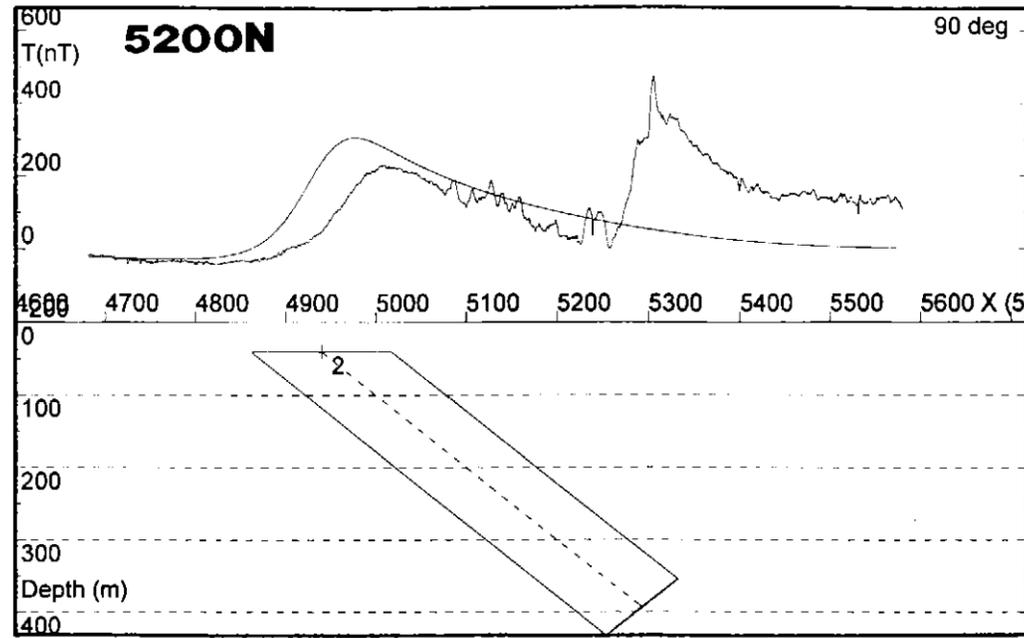
Modelling of the data was carried out using POTENT, a three-dimensional potential field modelling program. As the ground grid was set up using GPS points (Australian Map Grid co-ordinates), it was possible to correlate the ground magnetic data to the aeromagnetic model (figure 6) by converting the model to local co-ordinate space. The model generated from the aeromagnetic data fitted well with the ground magnetic data (figure 12).

The initial aeromagnetic model was further refined to better approximate the source as observed by the ground magnetic data. Subsequently two alternative models have been generated. The first is a single body, accounting for the general trends of the data, whilst the second uses two sources to try and produce a closer match to the actual data. Both models produced have good correlation to the ground magnetic data and are equally feasible.

Model 1 consists of a single cylinder, buried 35m from the surface, dipping between 45 and 50 degrees (figure 13). The body has dimensions 100m by 420m by 500m and strikes at 5 degrees. Magnetic susceptibility used was 0.045 SI units.

The second model (figure 14) consists of two cylinders, representing the larger cylinder as described above. The northern body has dimensions of 100m by 200m by 500m, buried 28m, striking at 8 degrees and dips at 50 degrees. Magnetic susceptibility used for this body is 0.045 SI units. A slightly different body represents the southern portion of the anomaly, as described below. Physical dimensions are 100m by 220m by 500m, buried 23m from the surface, striking between 0 and 2 degrees, dipping at 50 degrees and plunging to the north at 3 degrees, with a magnetic susceptibility of 0.046 SI units.

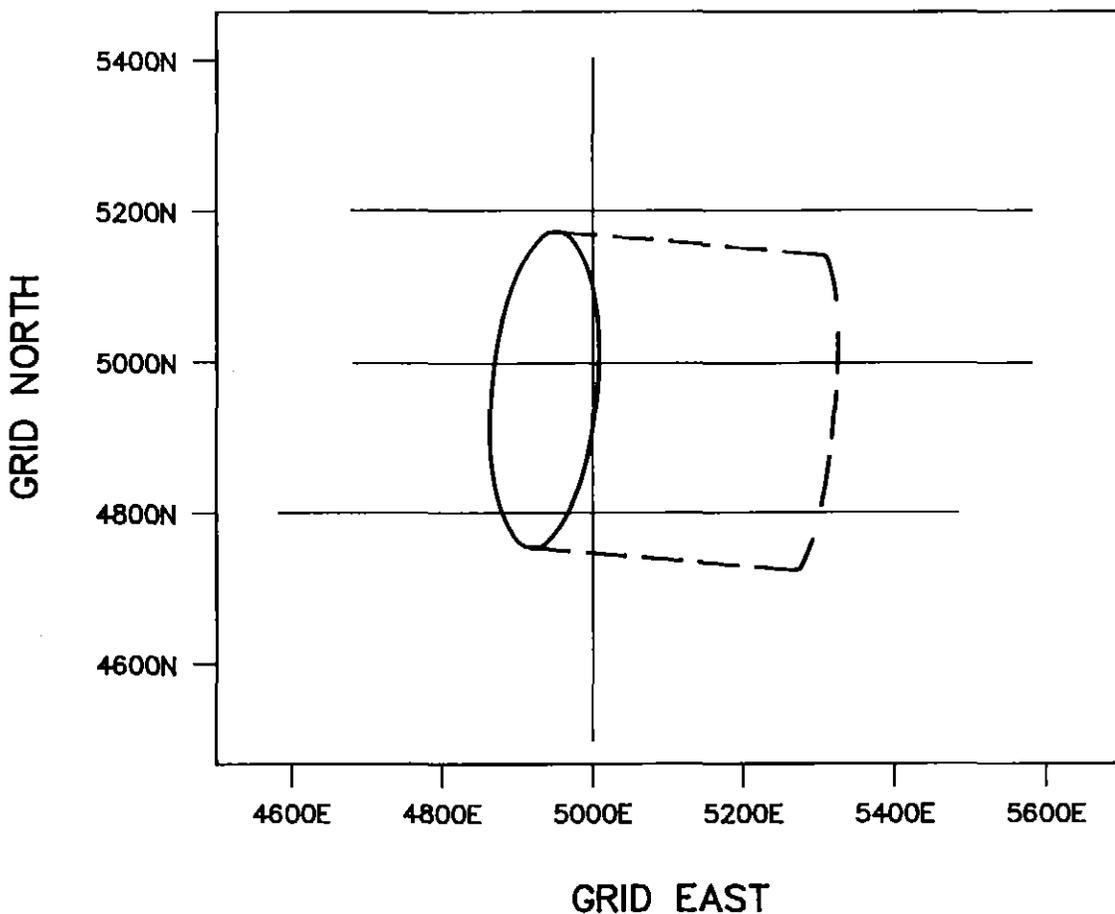
A drill target from this data would be sited to intersect the southern side of the anomaly, siting south of the peak of the anomaly.



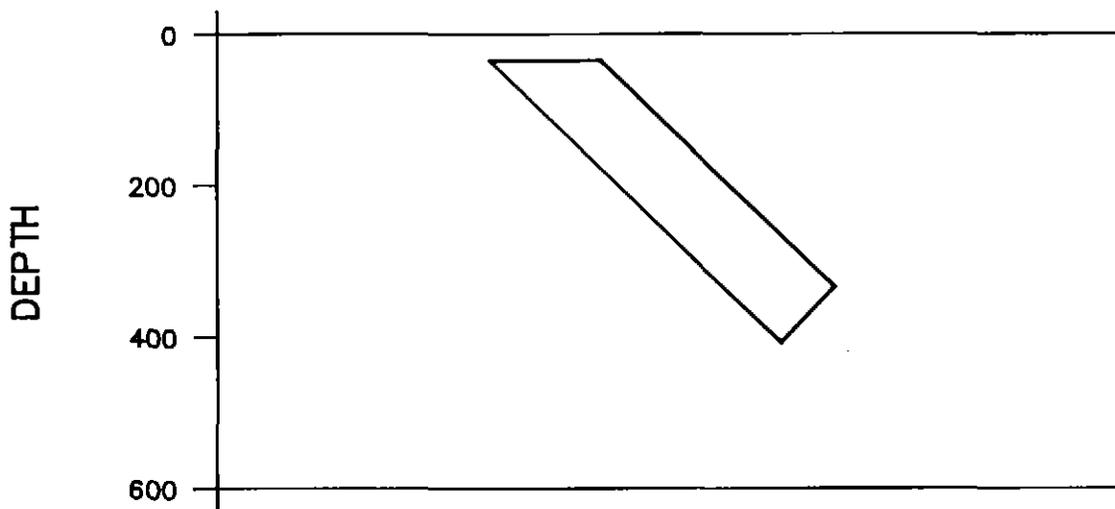
5 cm

PASMINCO EXPLORATION <small>A Division of Pasminco Australia Limited</small>			
COMPILED : P.W.B.	E.L. 1/93 - HUSKISSON RIVER NORTH ROSS CREEK AEROMAGNETIC MODEL ON GROUND MAGNETIC DATA		
DATE : April 1996			
DRAWN :			
REVISIONS :			
FILE :			
DRAWING No. 315-GP-052	SCALE 1:10,000	0 200 m	FIG. No. 12

PLAN VIEW



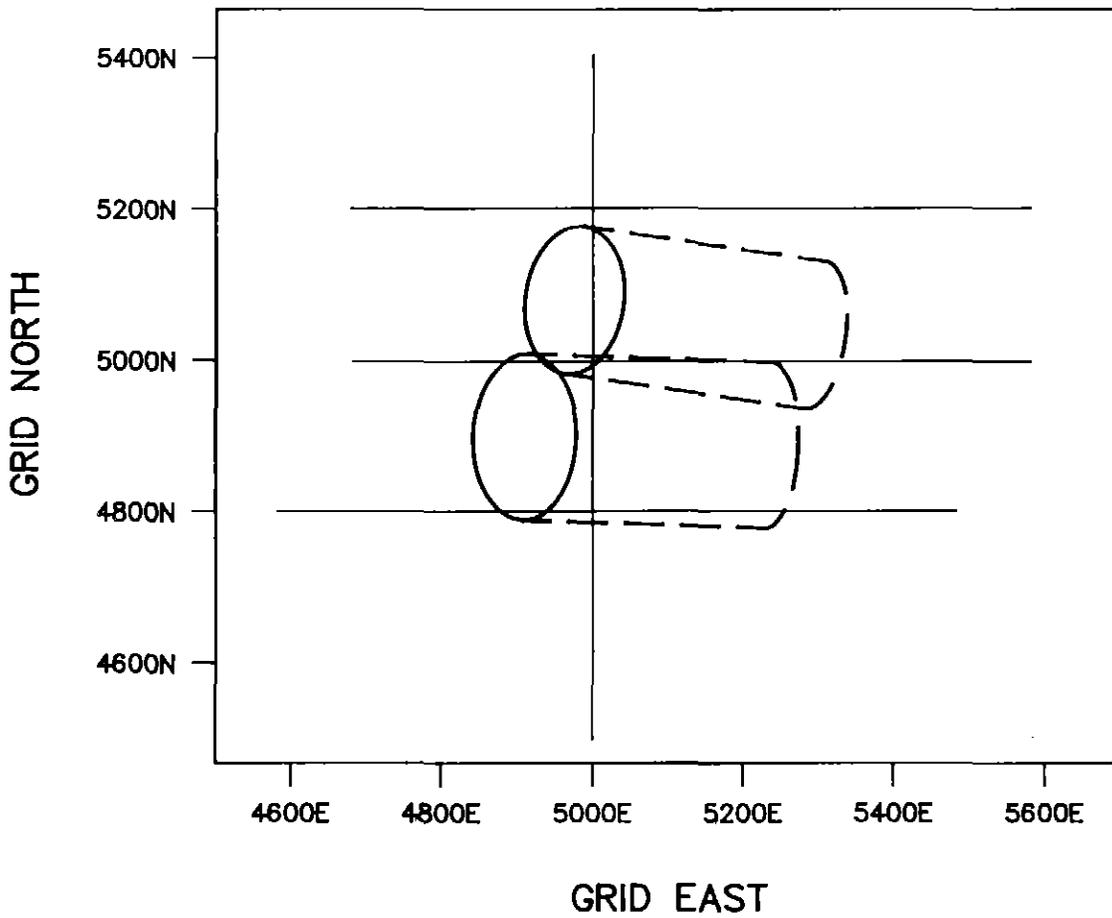
SECTION 5000N



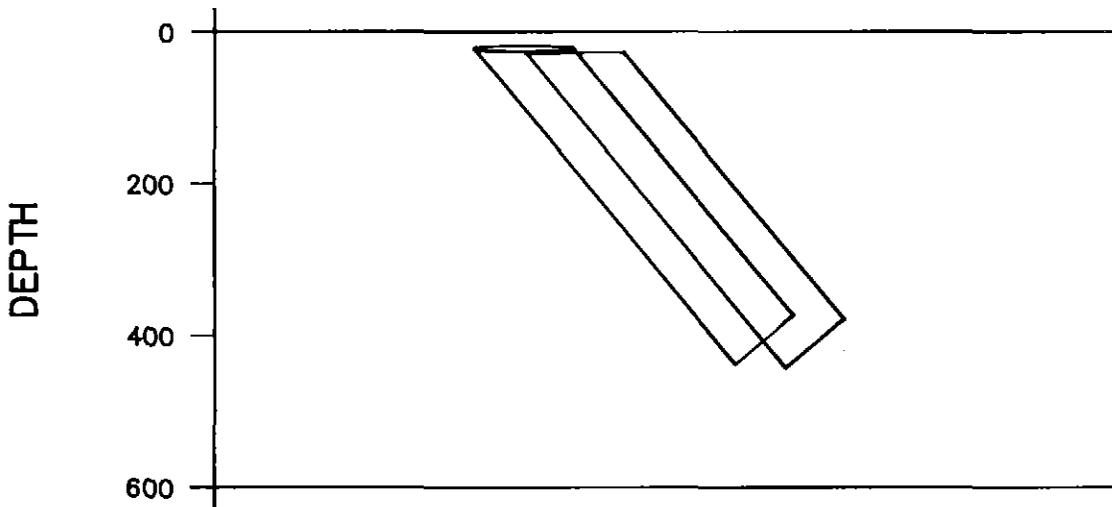
 PASMINCO EXPLORATION <small>A Division of Pasminco Australia Limited</small>		
COMPILED : P.W.B. DATE : April 1996 DRAWN : C.M.B. REVISIONS : FILE : 10_GMM1	EL 1/93 - HUSKISSON RIVER NORTH ROSS CREEK GROUND MAGNETIC MODEL 1 SINGLE SOURCE	
DRAWING No. 315-GP-050	SCALE: 1:10,000 	FIG. No. 13

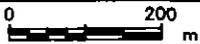
PLAN VIEW

708028



SECTION 5000N



 PASMINCO EXPLORATION <small>A Division of Pasminco Australia Limited</small>	
COMPILED : P.W.B.	E.L. 1/93 -- HUSKISSON RIVER NORTH ROSS CREEK GROUND MAGNETIC MODEL 2 TWO BODY SOURCE
DATE : April 1996	
DRAWN : G.M.B.	
REVISIONS :	
FILE : 10_GMM2B	0 200  m
DRAWING No. 315-GP-051	

4.2.2 *Geological Reconnaissance*

Three days of geological reconnaissance were completed in the region of the North Ross Creek anomaly to aid in exploration model studies and setting up of the grid. One day of reconnaissance was conducted in the area of the Just in Time prospect, using existing forestry tracks (figure 15 displays outcrop geology).

708020

Huskisson River

375 000mE

376 000mE

⚡ JUST IN TIME

Creek

5 391 000mN

5 391 000mN

Lithic sandstone

45°

Ross / 55

41432

41431

Lithic sandstone

Lithic sandstone

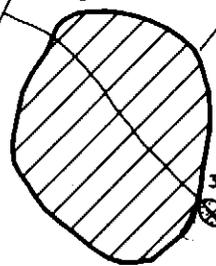
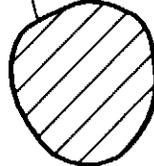
Black shale/
quartzite

AEROMAGNETIC
ANOMALIES

41429

Lithic sandstone

41428



Lithic sandstone/
shale

41430

Shale

65

45

5 390 000mN

5 390 000mN

5 cm

75

85

DOONAH
DUNDAS
GROUP
FORMATION

30

65

376 000mE

375 000mE

70

70



PASMINCO EXPLORATION
A Division of Pasma Australia Limited

COMPILED : M.S.S.

DATE : April 1995

DRAWN : G.M.B.

REVISIONS :

FILE : 10_NRCGL

DRAWING No.
315-GL-031

E.L. 1/93 - HUSKISSON RIVER
NORTH ROSS CREEK
**OUTCROP GEOLOGY
AND AEROMAGNETIC
ANOMALIES**

SCALE 1:10,000



FIG. No.
16

5 ENVIRONMENTAL DISTURBANCE AND REHABILITATION

Exploration in the western sector of the tenement has been of a reconnaissance nature, utilising existing forestry and past exploration tracks for access. A new 3.6 line km grid was cut over the North Ross Creek anomaly to provide lines for ground magnetic investigation and geological mapping. This new grid included a 200m access track to the grid.

6 EXPENDITURE SUMMARY 1995-96

The total expenditure on EL 1/93 during the third year of tenure to 31 March 1996 is \$26 494. A detailed breakdown of this expenditure is presented in the statement below.

	\$
Personnel: salaries, wages & on-costs	9 641
Travel & Accommodation	564
Geological Contractors	4 050
Geochemical Contractors	272
Geophysical Surveys & Consultants	900
Other Consultants	1 421
Drilling: including contractor, access & core storage	235
Stores & Supplies	909
Vehicles Plant & Equipment	512
Tenement Costs	841
Computing	714
Office Running Costs	4 026
Administration	2 409
Total	26 494

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8 KEYWORDS AND LOCALITY

HUSKISSON, SILVER FALLS, WILL O' WISP, JUST IN TIME, MT READ
VOLCANICS, OONAH FORMATION, VHMS, WHITE SPUR FORMATION,
PUMICE BRECCIA, ROSEBERY FAULT, STITT QUARTZITE, WESTCOTT
ARGILLITE, GALENA SPHALERITE, GEOPHYSICS, MAGNETICS, MODELLING.

PARSONS & RAMSAY 1:25 000

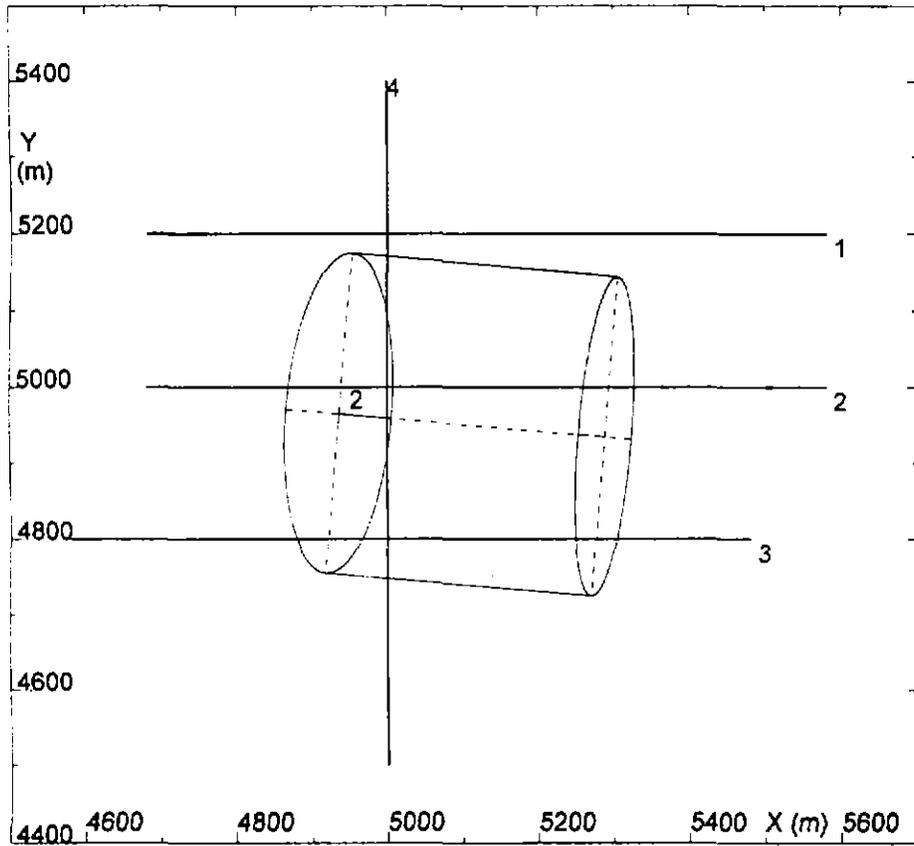
APPENDIX I
ANALYTICAL REPORTS - ROCK CHIP SAMPLES

ANALYTICAL REPORTS - ROCK CHIP SAMPLES

SAMP. NO.	NORTHING	EASTING	Cu	Pb	Zn	Ag	Mn	Au
41428	5390540	375320	44	118	285	<1	1737	-
41429	5390600	375375	75	29	303	<1	842	-
41430	5390210	375535	95	23	562	<1	679	-
41431	5390840	375270	47	36	34	<1	391	-
41432	5390840	375270	88	88	16	<1	46	-

Location of samples can be seen in figure 16.

APPENDIX II
GROUND MAGNETIC MODEL PROFILES



Observations: North Ross Creek Anomaly

POTENT v3.06 Plan drawn at 11:47 22/02/1996 for Pasmaenco Exploration

630802

90 deg

480

T(nT)

320

160

0

4600

4800

5000

5200

5400

5600

X (m)

5800

0

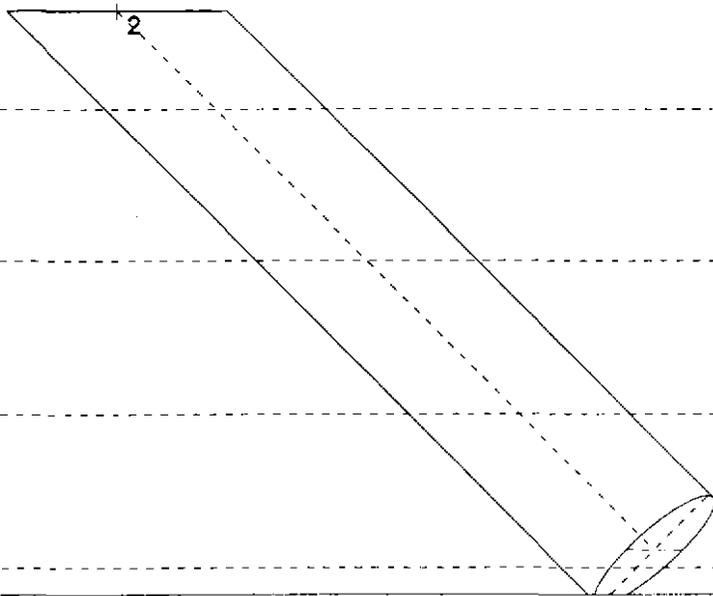
100

200

300

Depth (m)

400



Observations: North Ross Creek Anomaly
Profile #1; 5200N
Calculation mode: Total Magnetic Intensity

7080410

90 deg

1200

T(nT)

800

400

0

4600

4800

5000

5200

5400

5600

X (m)

5800

0

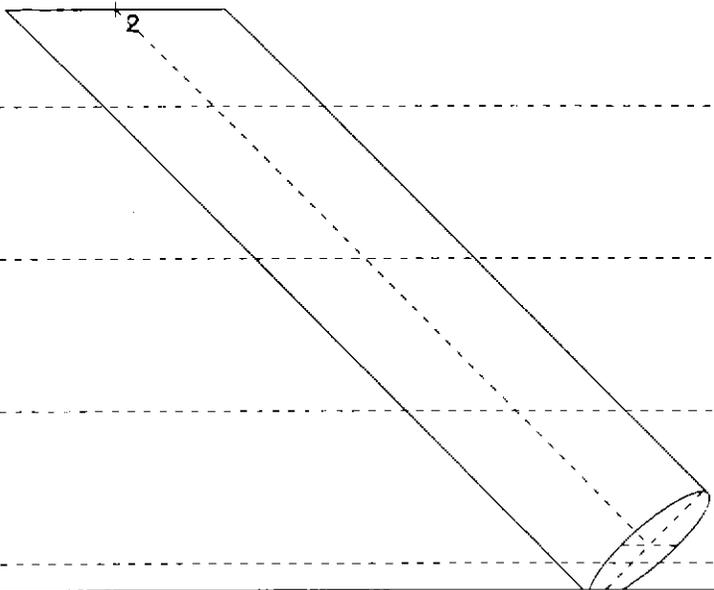
100

200

300

Depth (m)

400



Observations: North Ross Creek Anomaly

Profile #2; 5000N

Calculation mode: Total Magnetic Intensity

708041

90 deg

320

T(nT)

160

0

-160

4600

4800

5000

5200

5400

5600

X (m)

5

0

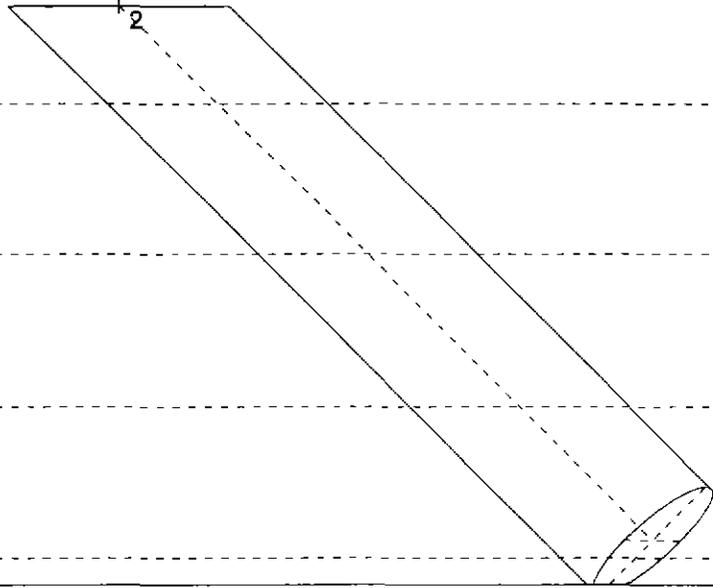
100

200

300

Depth (m)

400



Observations: North Ross Creek Anomaly
Profile #3; 4800N
Calculation mode: Total Magnetic Intensity

708042

0 deg

1200

T(nT)

800

400

0

4400

4600

4800

5000

5200

5400

5600

100

200

300

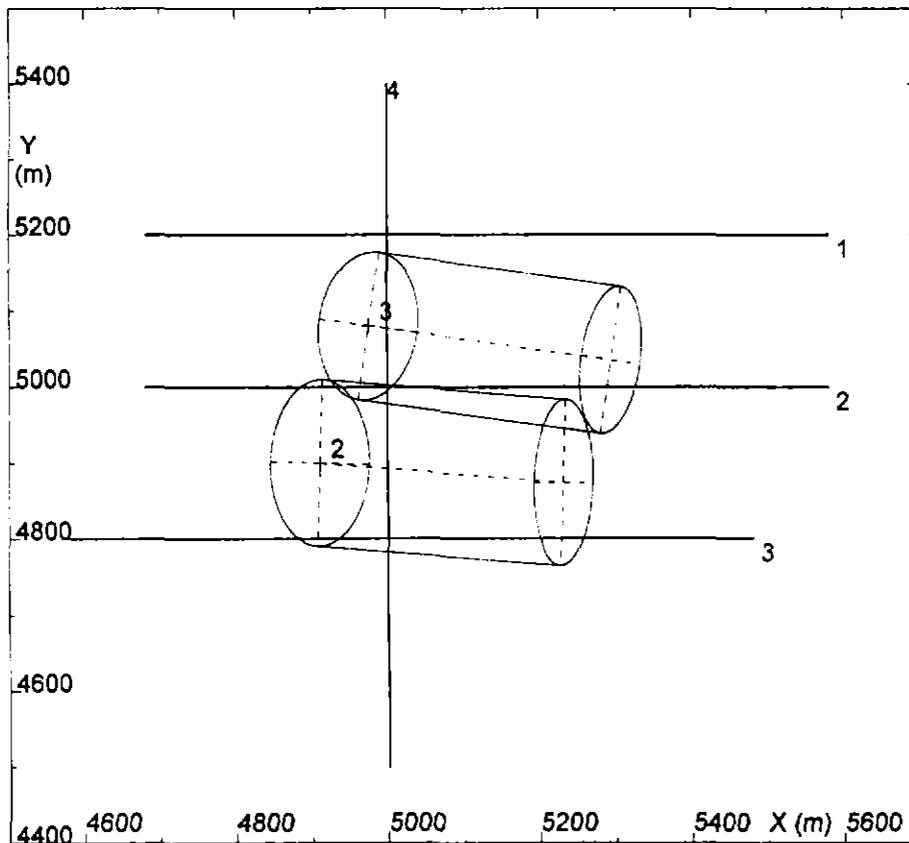
Depth (m)

400

2

Observations: North Ross Creek Anomaly
Profile #4; 5000E
Calculation mode: Total Magnetic Intensity

708043



Observations: North Ross Creek Anomaly

POTENT v3.06 Plan drawn at 14:35 26/02/1996 for Pasminco Exploration

708044

90 deg

480

T(nT)

320

160

0

4600

4800

5000

5200

5400

5600

X (m)

5800

0

100

200

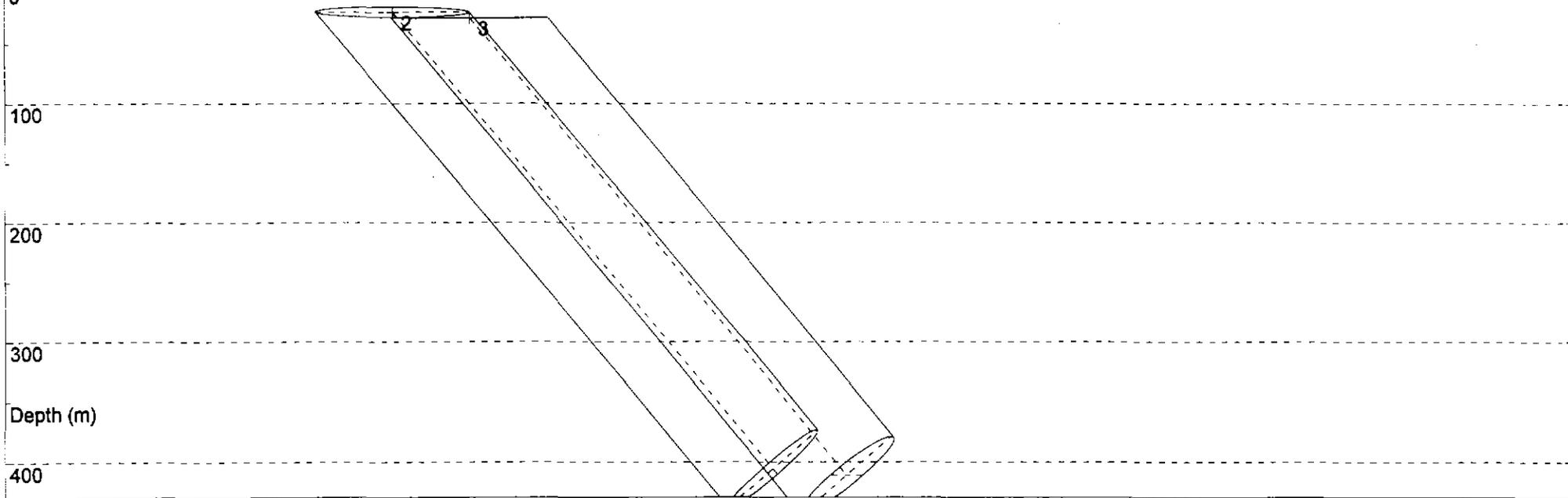
300

Depth (m)

400

Observations: North Ross Creek Anomaly
Profile #1; 5200N
Calculation mode: Total Magnetic Intensity

070207



90 deg

1200

T(nT)

800

400

0

4600

4800

5000

5200

5400

5600

X (m)

5800

0

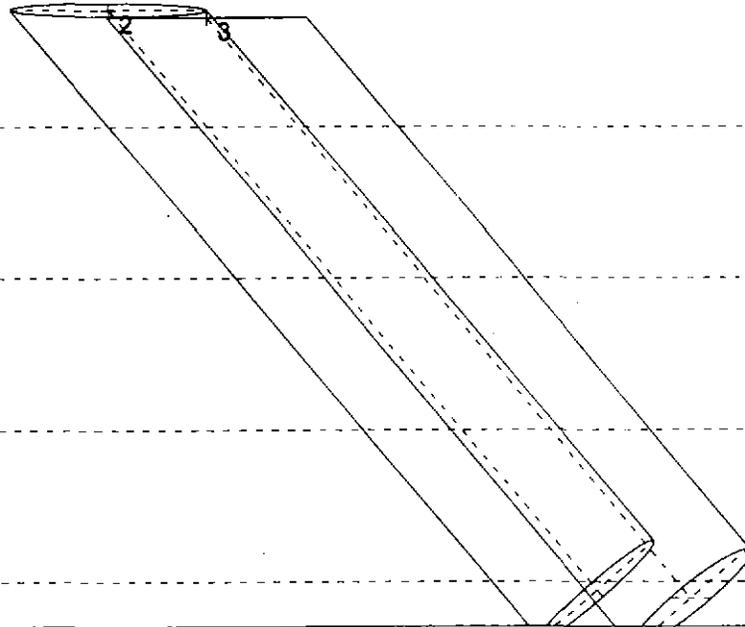
100

200

300

400

Depth (m)



Observations: North Ross Creek Anomaly

Profile #2; 5000N

Calculation mode: Total Magnetic Intensity

708046

90 deg

320

T(nT)

160

0

-160

4600

4800

5000

5200

5400

5600

X (m)

5

0

100

200

300

400

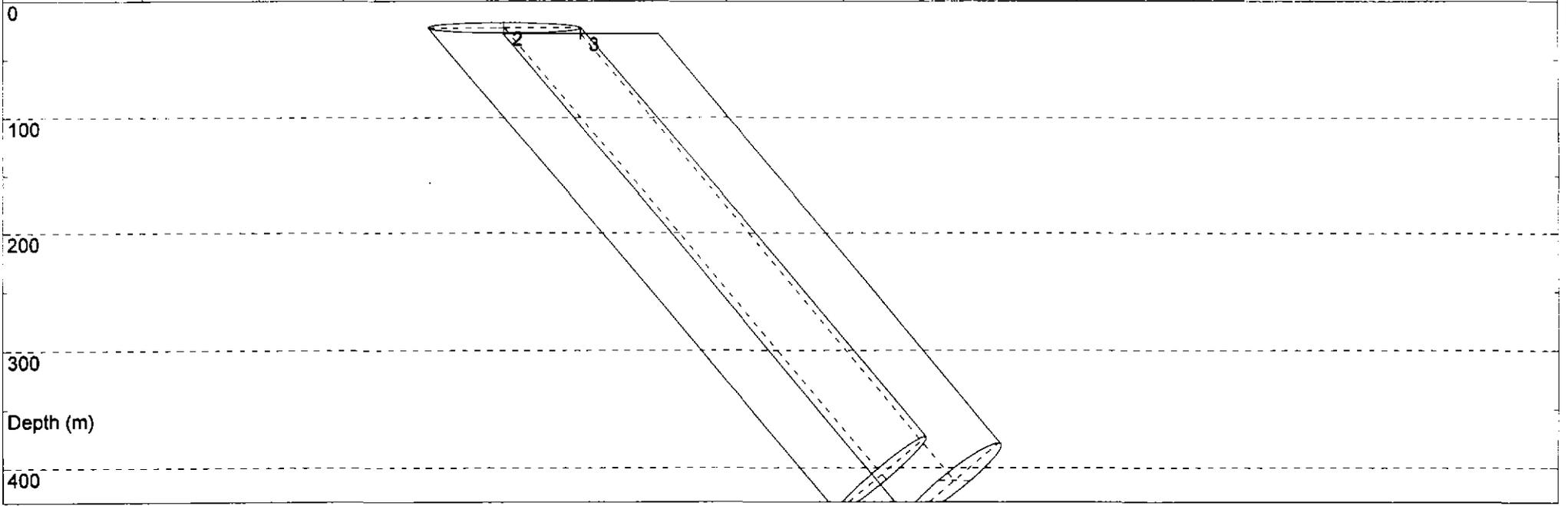
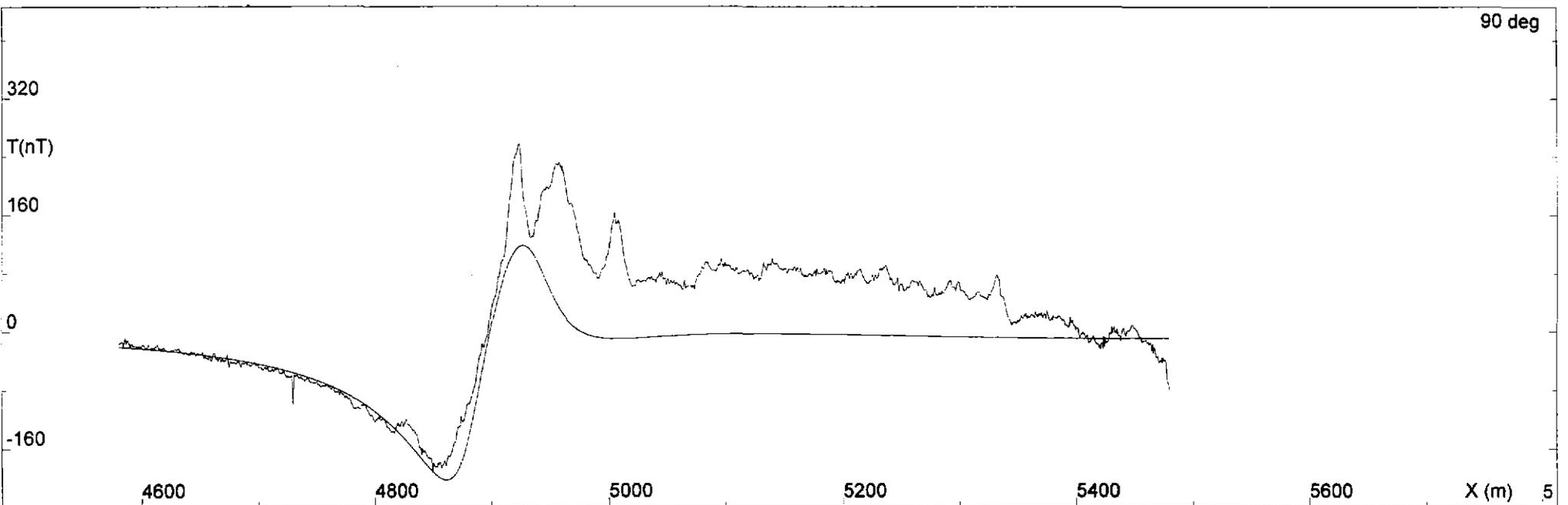
Depth (m)

Observations: North Ross Creek Anomaly

Profile #3; 4800N

Calculation mode: Total Magnetic Intensity

708047



0 deg

1200

T(nT)

800

400

0

4400

4600

4800

5000

5200

5400

5600

100

200

300

Depth (m)

400

2

3

Observations: North Ross Creek Anomaly

Profile #4; 5000E

Calculation mode: Total Magnetic Intensity

708048