427001

PEGASUS GOLD AUSTRALIA LTD.

90-3197 V1/2

MINES
E.L. 55/83
REFER TO
COVER SHEET
30.8.90

E.L. 55/83 MANGANA

ANNUAL REPORT - YEAR 7

Transparencies and Located data tapes held. + video tapes and folder of flight paths etc to be with located data tapes

MICROFILMED

24/11/1989 TO 23/11/1990

OPEN FILE

90-3197 VOL 1&2&3

K.C. MORRISON
AUGUST 1990

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TENEMENT INFORMATION

E.L. 55/83 is located in the Mathinna - Mangana area of N.E. Tasmania (Fig. 1.). The E.L. was granted on 24/11/1983 to Mr K.A. White and transferred to Alcaston Mining N.L. in 1987. At the end of licence year 5 (23/11/1988) 50% of the E.L. was relinquished, leaving 88km2, excluding several current mineral leases (Plan 1, Appendix 1.)

During 1989 an option agreement was reached between Alcaston Mining N.L. and Pegasus Gold Australia Ltd. for the exploration of the property. Pegasus Gold have operated the licence and conducted all exploration during year 7.

SUMMARY OF PREVIOUS EXPLORATION

In March 1984 an assessment of the hard rock gold potential of E.L. 55/83 was completed by Summons Geoservices Pty. Ltd. Known mineralisation occurrences were classified according to quartz vein, stringer system and disseminated styles. The report recognised that major, blind, mineralised quartz vein deposits probably remain to be discovered, but that the difficulty of locating such bodies combined with their small-to-moderate likely tonnages render such targets only moderately attractive. In contrast, the potential for discovering larger, lower grade ore bodies of the stringer system and/or disseminated in country rock styles, suitable for open cut mining, was higher and such deposits are more attractive targets.

Gully-fill placer deposits at Mangana and Mathinna were trenched and bulk sampled in 1985. Average recovered grades of approximately 0.3 g Au per bank m3 were obtained at Majors Gully, Mangana and at Black Horse Gully, Mathinna, the average recovered grade was approximately 0.2 g/bank m3. The Majors Gully deposit is now held under Mineral Lease and a treatment plant has been built on site.

Preliminary bulk sampling of an extensive potential dredging target at Midsons Flat, on the South Esk River flats, has been carried out. These sediments are gold mineralised at lower grade than the gully alluvial deposits. Insufficient work has been done on the prospect to estimate an average grade and tonnage.

In September 1988 the Argyle prospect, a N.W. trending, steeply dipping quartz reef located 1.5 km S.E. of Mangana was drilled.

Eight down hold hammer percussion drill holes, totalling 245 metres, were drilled through the target and 38 composite rock chip samples were taken from the target rocks exposed in old exploration drives and small underground stopes. Occasional erratic gold ore grades were encountered by the rock chip sampling but overall the results were disappointing. The best drill intersection was an 8 metre zone in hole AA7 (see year 5 annual report) grading 0.125-0.132 g/t. Au. No evidence of a halo of low grade mineralisation around the reef was encountered.

427004

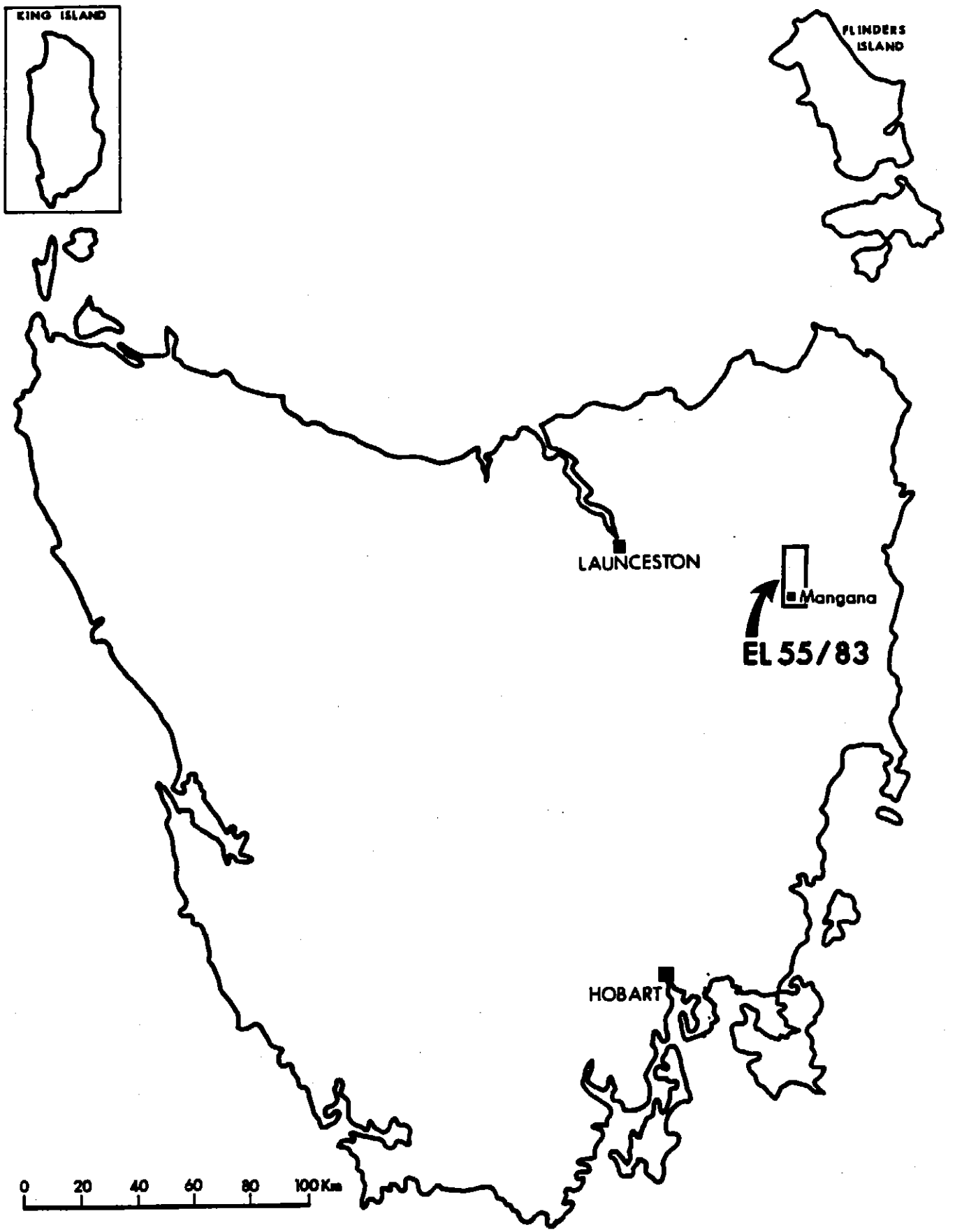


Fig. 1 E.L. 55/83 Location Map

5 cm

During the period April - November 1989 a programme of gridding, mapping, rockchip sampling, soil sampling and ground magnetics was conducted over the Tower Hill quartz vein stock work prospect. Several drilling targets were selected by combining the location of old workings with the mapped geology, soil geochemistry magnetic lows and photo linears.

A programme of percussion drilling was planned for year 7.

SUMMARY OF WORK COMPLETED IN YEAR 7

1. A high resolution helicopter aeromagnetic survey was flown and preliminary interpretation suggest that structure within the Mathinna beds may be expressed by subtle, systematic variation in the magnetic field. The survey also showed that the airborne survey could be correlated with the more detailed ground survey at Tower Hill.

2. A programme of reverse circulation drilling was completed in the Tower Hill - Sunbeam area (13 holes totalling 597m). These drillholes were aimed at a combination of geochemical, structural, and magnetic targets and encountered minor gold mineralisation as follows:-

Tower Hill Area

TH- 1:	19-22m	x	0.58qAu/t
TH- 3:	24-26m	x	0.17gAu/t

Sunbeam Area

TH- 9:	43-44m	x	3.11gAu/t
TH-10:	11-15m	x	0.41gAu/t
	30-32m	x	0.26gAu/t
TH-11:	33-36m	x	2.87gAu/t
TH-13:	8-13m	x	0.23gAu/t

3. Preliminary mapping of old workings in conjunction with rock chip sampling was completed over the Tower Hill Freehold and Cardinal - Buckland - Alpine group of mines located near Mangana.

DETAILS OF WORK COMPLETED IN YEAR 7

A REGIONAL SURVEY

A high resolution helicoptor aeromagnetic/radiometric survey was flown over the Mangana-Mathinna area in February 1990. Geo Instruments Pty. Ltd. carried out the survey using a proton precession magnetometer in a towed bird, flying at line spacings of 150 metres (N.S.) with a 400 metre tie line spacing (E.W.). A nominal terrain clearance of 80 metres was specified. Processing and data presentation were perfomed by Pitt Research Pty. Ltd. of Sydney.

At the time of writing a preliminary interpretation of the results has been completed by Dr D.E. Leaman (see Appendix 2).

The main conclusions from the work is that subtle, systematic variations in the magnetic field across the Mathinna beds show as trends in the contoured data, and may reflect ~~structure~~ and bedding. Several lineament directions are recognised, the most prominent trending NNW - SSE. A second conclusion was that the airborne survey can be correlated with detailed surface magnetics such as the Tower Hill survey.

B. TOWER HILL PROSPECT

The prospect was tested with thirteen 4.2 inch diameter reverse circulation percussion drill holes. The holes (totalling 597 metres) were drilled in December 1989 by Ark No. 2 Pty. Ltd., of Wynyard, using a track mounted H13 Gemcodril. Sample splits of approximately 2 kg, from each one metre interval, were sent to Australian Laboratory Services Pty. Ltd., Bendigo, for gold and arsenic analysis. Drill hole locations are shown on Plan 2, Appendix 3 and the drilling logs, assay data and cross sections are encclosed in Appendices 4-6.

The subsurface geology is consistent with the outcrop mapped during Year 6. The litholigical data in Appendix 6 shows that the prospect consits of steeply dipping units of; medium - fine quartz sandstone, slate and fine-very fine sandstone / slate/medium sandstone alternations. Vein quartz is most abundant in the coarser, more massive bedded sandstones and least abundant in slate. Many of the old gold workings occur on the contact of the sandstones and the slates, where the rocks show evidence of both local and ductility contrast deformation and local hydrothermal alteration.

The steep westerly dip is confirmed by correlation of lithological boundaries on the TH-1 - TH-2 and TH-3 - TH-4 cross sectiosn (see Appendix 6).

Numerous intersections of high vein quartz, some containing sulphides (arsenopyrite >> pyrite > chalcopyrite) were encountered and a trace of free gold was observed in TH-11, 33-34 metres. Minor erratic significant gold grades were encountered (see table in summary section) with the best values being; TH-9, 43-44m x 3.11g/t and TH-11, 33-36m x 2.87g/t.

The holes were sited to test various combinations of anomalies due to; soil geochemistry, magnetic response, the chip gold assays and mapped quartz vein intensity. No clear controls on gold mineralisation were established.

Table 1 lists all intersections > 1 ppm Au and shows that there is no easy correlation with factors such as; host lithology, alteration, sulphides, oxidation, quartz context and colour and base metal content.

TABLE 1

ANALYSIS OF TOWER HILL DEC. 1989 DRILLING RESULTS

GOLD ANOMALIES TAKEN AS >.1 ppm

Intersection				High						Fe	Re. Base	Visible		Host
	(mts.		ppm.)	As	Cu	Pb	Zn	% V. Qtz.	Qtz Col.	Stain	Oxid.	Min.	Comments	Lithol
TH 1	0	1	.12	Y	Y	Y	Y			Y	Above		Surface Sample	f.sst
	19	20	.40	Y				5		Y	Above		Possible Fracture	f.sst
	20	21	.21	sl.				40		Y	Above		Wht Mica	f.sst
	21	22	1.12	sl.				30		Y	Above		Kaolin	f.sst
	50	51	.11				sl.				Below		Bottom Sample	sl.
TH 2	50	51	.13	Y	sl.			80		Y	Above			f.sst
TH 3	24	25	.14	Y				90		Y	Above		Kaolin	f.sst
	25	26	.20	Y				10		Y	Above			f.sst
	35	36	.23	Y		Y		30					Kaolin	f.m.sst
TH 4	47	48	.30								Above	tr.v.f.sulph		f.sst
	48	49	.15			sl.				Y	Above	min.v.f.sulph		f.sst
TH 5	7	8	.10	sl.				70		Y	Above	com.v.f.sulph		f.m.sst
TH 6	16	17	.11								Below			SL/f.sst
	29	30	.23					3			Below		small qtz. veinlets	f.m.sst
	31	32	.10					10			Below	tr.arspyr.v.f.sulph		f.sst/SL
	39	40	.55					50	Wht,Clear		Below	com.v.f.sulph		f.sst/SL
	41	42	.10	Y				50			Below	abund arspy.pyr		f.sst/SL
TH 7	11	12	.25	Y				30	Wht,Gry,Grn	Y	Above	abund c,v.f.arspyr	some waxy qtz.	f.sst/SL
	37	38	1.10	Y				90	Wht,Gry		Below	c,.vfarspyr.	Kaolin, Wht Mica	f.m.sst
TH 8	5	6	.40								Above			SL
TH 9	43	44	3.11					tr			Below			SL
TH 10	4	5	.15								Above			SL
	11	12	.20	sl.			sl.	80			Above	tr.v.f.arspyr		SL
	12	13	.35	sl.			sl.	70		Y	Above	tr.v.f.sulph		SL
	13	14	.81	sl.			sl.	80		Y	Above	abund.v.f.sulph		SL
	14	15	.28				sl.	30		Y	Above			SL/f.sst
	30	31	.23	Y				95			Below	tr.c.f.sulph		f.sst
	31	32	.30	Y				30			Below	abund c.arspyr.v.f.sulph		m.sst
TH 11	33	34	1.79	Y				50			Below	tr.gold.abund.arspyr		SL
	34	35	0.63	Y				50			Below	com.arspyr		SL/v.f.sst
	35	36	4.54	Y				40			Below	abund.arspyr		f.m.sst
	41	42	0.18	Y				20	Wht,Yell,Waxy		Below			m.sst/SL
TH 13	3	4	.16					50		Y	Above			SL
	4	5	.09					50		Y	Above			SL
	8	9	.40							Y	Above			SL/v.f.sst
	9	10	.22					50		Y	Above			SL
	10	11	.32					30		Y	Above	tr.v.f.pyr		SL/f.v.f.sst
	12	13	.17					40		Y	Above	tr.v.f.pyr		SL/f.sst

A large majority of samples with >1ppm Au recorded high vein quartz, buth the majority of samples with high quartz content were not significantly gold mineralised (see Appendix 6). Similarly, there is no reliable relationship between base metal or arsenic sulphides and gold. Approximately half the gold anomalies recorded arsenopyrite but there were also many intersections with high arsenopyrite, and without anomalous gold.

The only hint of correlation occurs around the Sunbeam workings (Appendix 3) where holes TH-10 and TH-11 intersected modest gold mineralisation on a north-south trend and holes TH-13 and TH-9 (North Sunbeam) both encountered mineralised intervals which correlate along an east-west trend. This mineralisation is consistent with the two trends shown by the early workings in the Sunbeam - North Sunbeam area.

Forty one one metre intervals showing gold grades of close to or greater than 0.1 ppm were resampled and submitted to A.L.S. Pty. Ltd. for screening at 150 microns, followed by fire assay/AAS determination of the coarse gold fraction. The results showed that 5-10 wt % of detected gold resides in the +150 micron fraction.

Total gold values showed erratic correlation with the original analyses from the same drilling intervals, with approximately one third of the repeat samples deviating from the original values by an order of magnitude.

RECONNAISSANCE MAPPING & SAMPLING

Compass and pace maps of the old workings and basic reef geology in the Tower Hill Freehold and Cardinal-Buckland-Alpine areas (Plan 1) were completed in order to prepare further prospects for drilling. The maps are enclosed in Appendix 7, together with analyses from composite rock chip samples taken from the quartz reef rocks exposed both on quartz dumps and in the old workings. The reefs in both areas show a N.W. - S.E. strike and in most cases are parallel to primary cleavage. Drives into the lower levels of the Tower Hill Freehold and Buckland-Alpine workings offer good access for dip section mapping and sampling to ascertain the distribution of gold outside the reefs previously mined. As with many other Mathinna beds quartz reef targets the chip sampling shows very erratic gold grades, with occassional values of >1oz per tonne (eg. BR1, BR7) surrounded by similar rocks carrying << 1ppm Au.

CONCLUSIONS

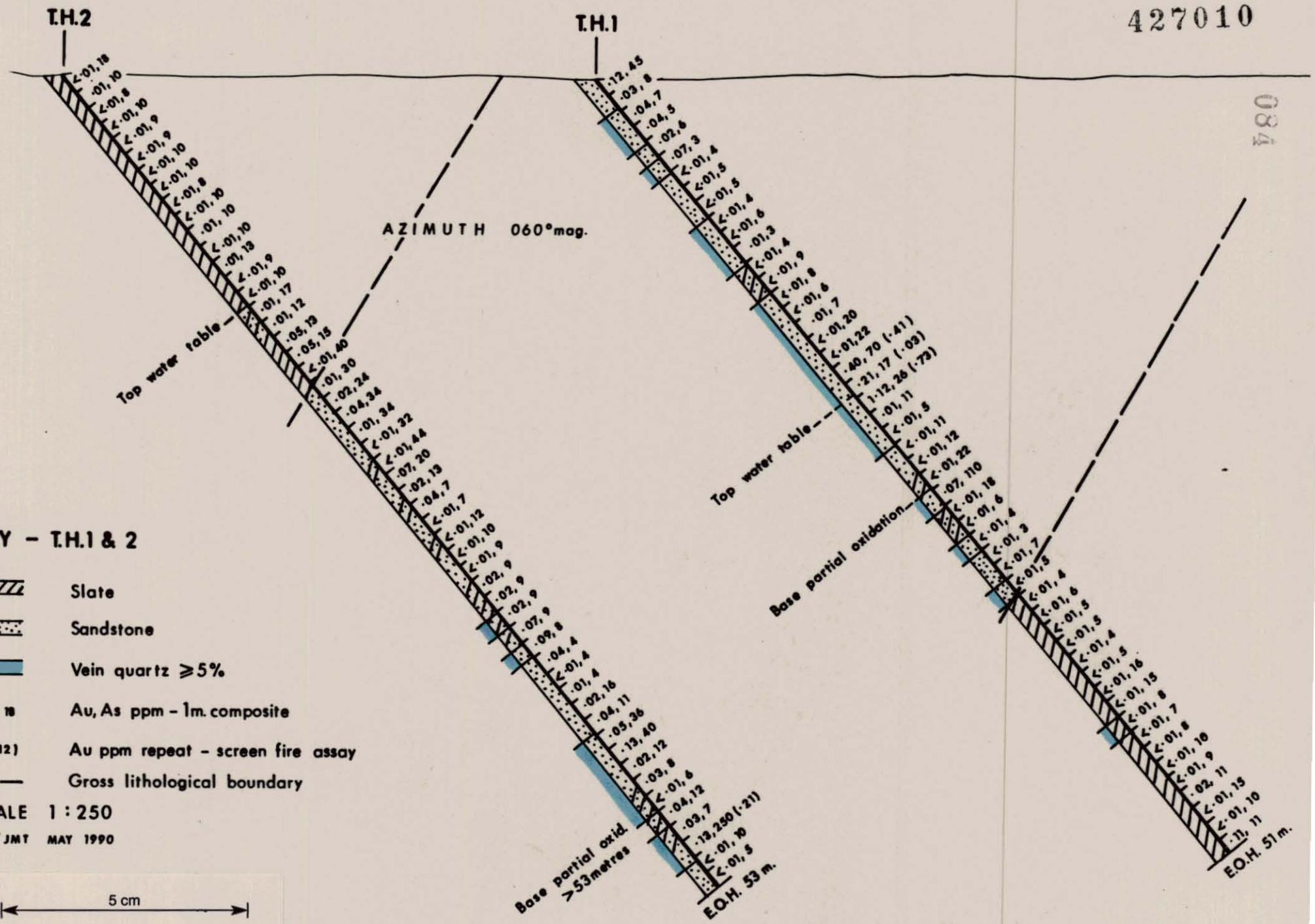
The Tower Hill prospect has been adequately tested to conclude that gold distribution is erratic and that a viable deposit suited to open cut mining is unlikely to be discovered.

Additional prospect scale targets have been developed to the first round of drilling stage at Tower Hill Freehold and the Cardinal - Buckland - Alpine area.

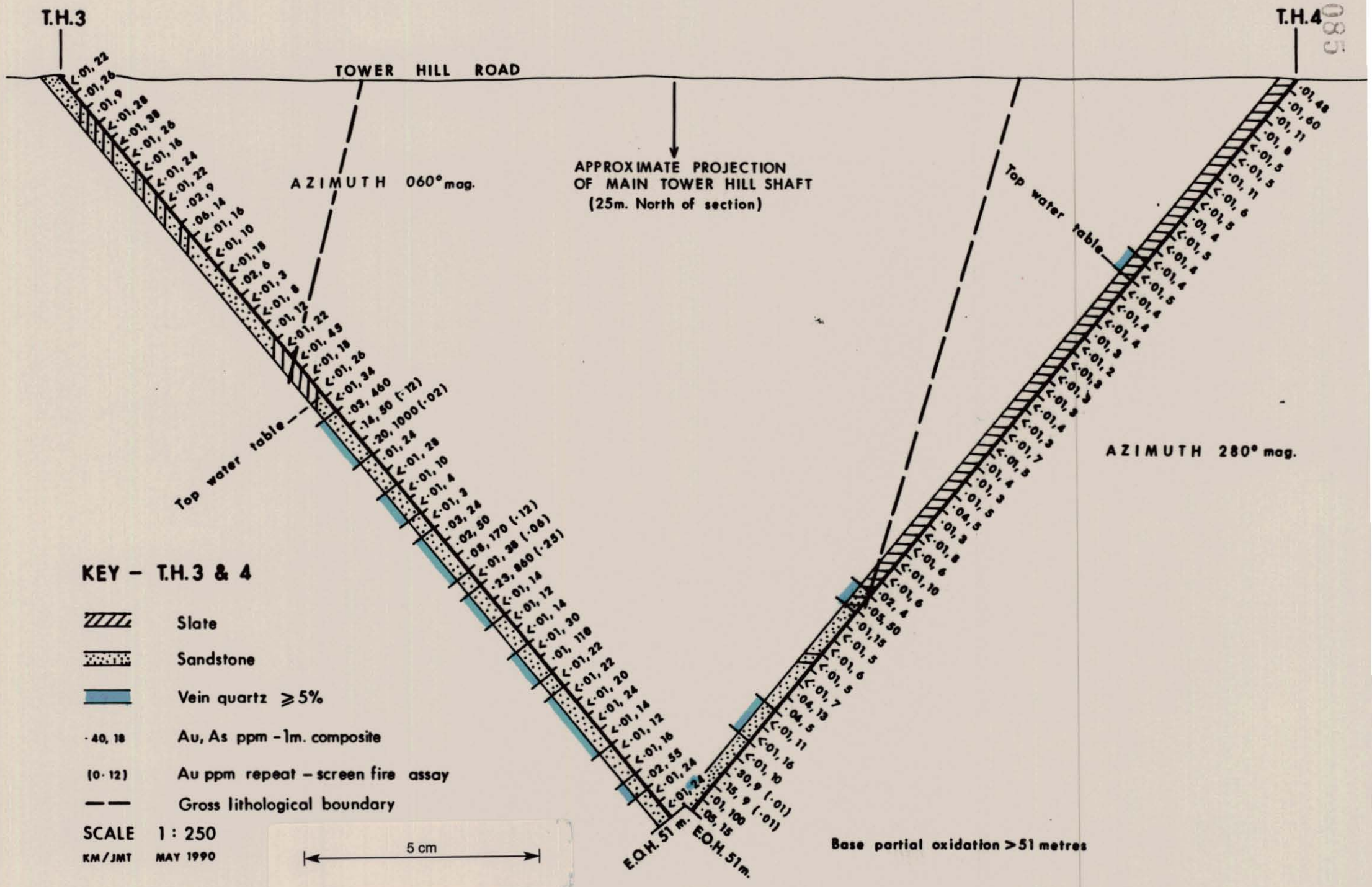
High resolution aeromagnetics data have been acquired and should, in combination with regional geology and geochemistry, be used to develop the structural geological and lithological controls over mineralisation in the region

427010

084

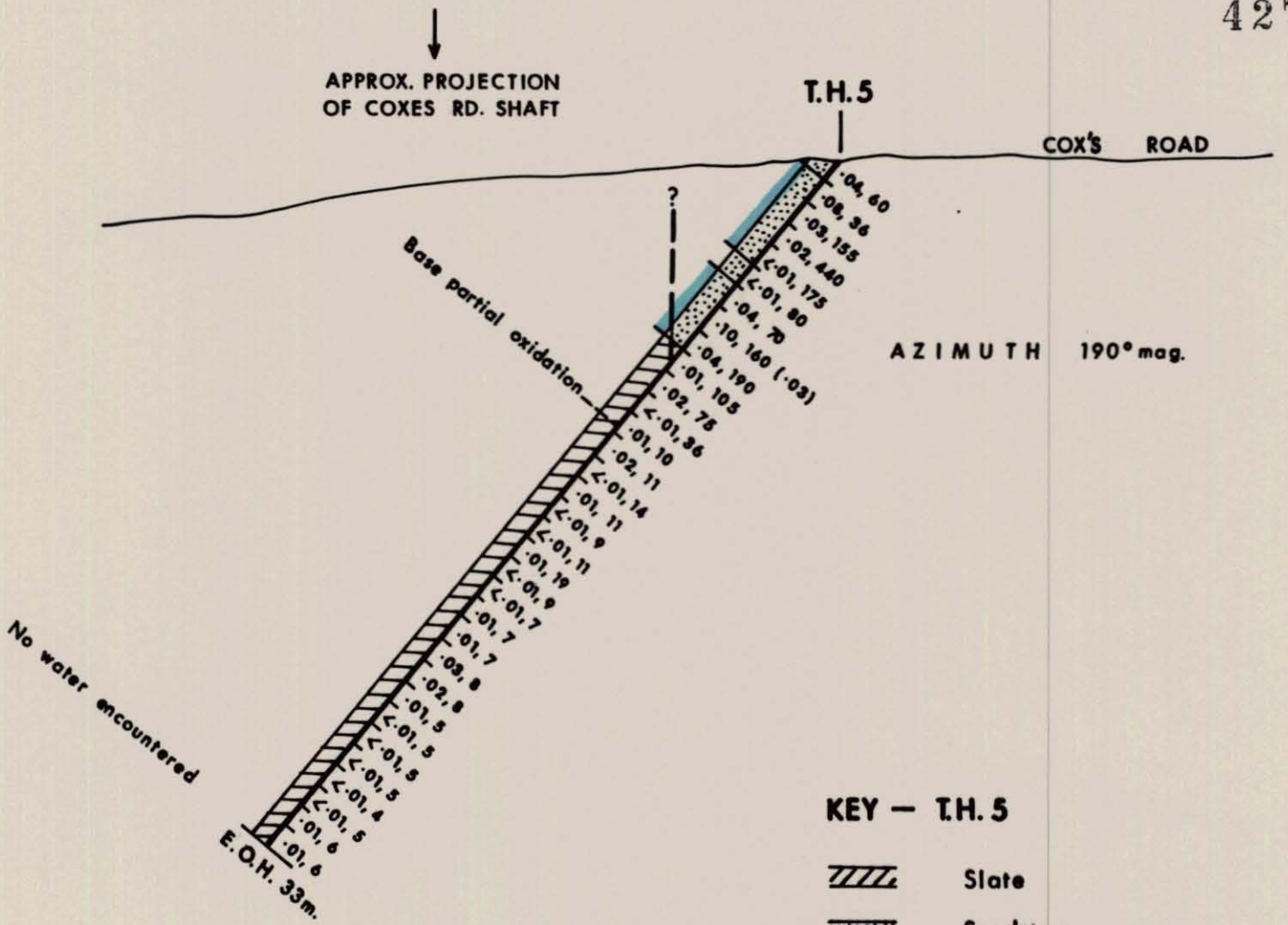

T.H.2
T.H.1
AZIMUTH 060°mag.
Top water table
Top water table
Base partial oxidation
Base partial oxid. >53metres
E.O.H. 53 m.
E.O.H. 51m.
KEY – T.H.1 & 2
Slate
Sandstone
Vein quartz ≥5%
·40, 18 Au, As ppm – 1m. composite
(0·12) Au ppm repeat – screen fire assay
Gross lithological boundary
SCALE 1 : 250
KM / JMT MAY 1990
5 cm

427011


T.H.3
T.H.4
TOWER HILL ROAD
AZIMUTH 060° mag.
APPROXIMATE PROJECTION OF MAIN TOWER HILL SHAFT (25m. North of section)
Top water table
Top water table
AZIMUTH 280° mag.
E.O.H. 51 m.
E.O.H. 51m.
Base partial oxidation > 51 metres
KEY – T.H.3 & 4
Slate
Sandstone
Vein quartz ≥ 5%
·40, 18 Au, As ppm – 1m. composite
(0·12) Au ppm repeat – screen fire assay
Gross lithological boundary
SCALE 1 : 250
KM/JMT MAY 1990
5 cm

427012

080



AZIMUTH 190° mag.

KEY — T.H. 5

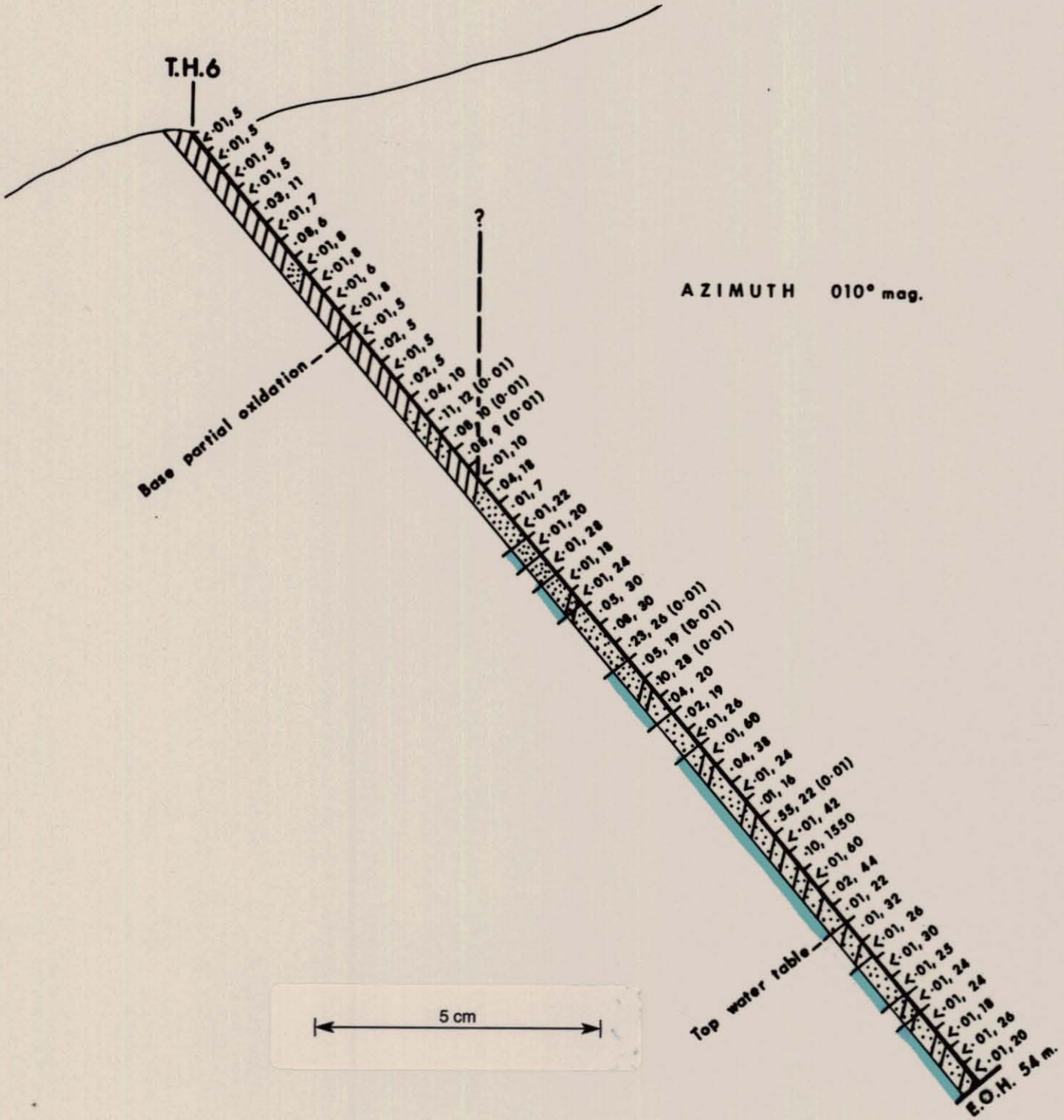
	Slate
	Sandstone
	Vein quartz ≥5%
·40, 18	Au, As ppm – 1m.composite
(0·12)	Au ppm repeat – screen fire assay
— — ?	Gross lithological boundary - dip unknown

SCALE 1 : 250

KM/JMT MAY 1990

5 cm

427013



AZIMUTH 010° mag.

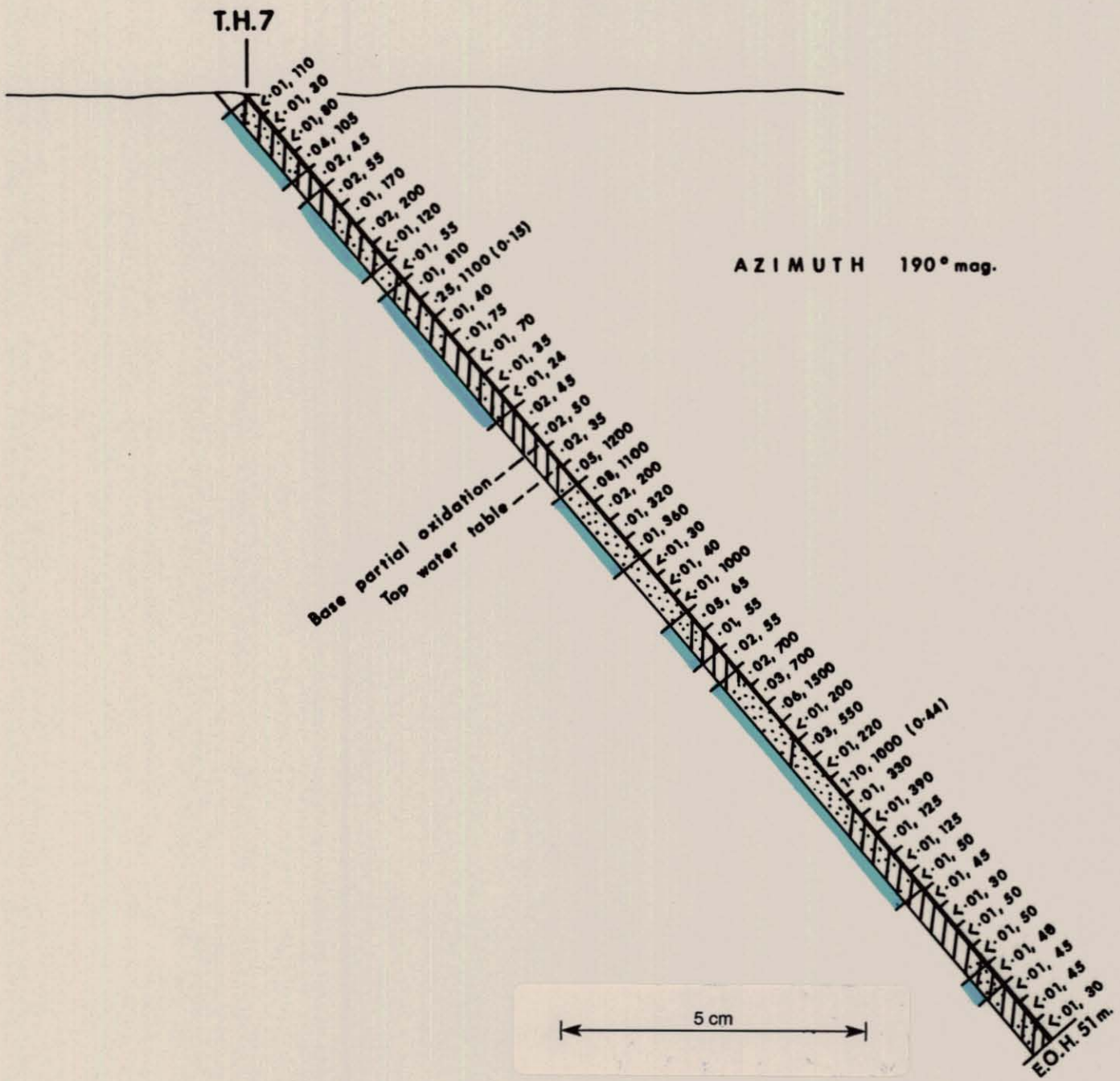
KEY — T.H.6

	Slate
	Sandstone
	Vein quartz ≥5%
·40, 18	Au, As ppm – 1m. composite
(0·12)	Au ppm repeat – screen fire assay
——?	Gross lithological boundary, dip unknown

SCALE 1 : 250

KM / JMT MAY 1990

088



KEY – T.H.7

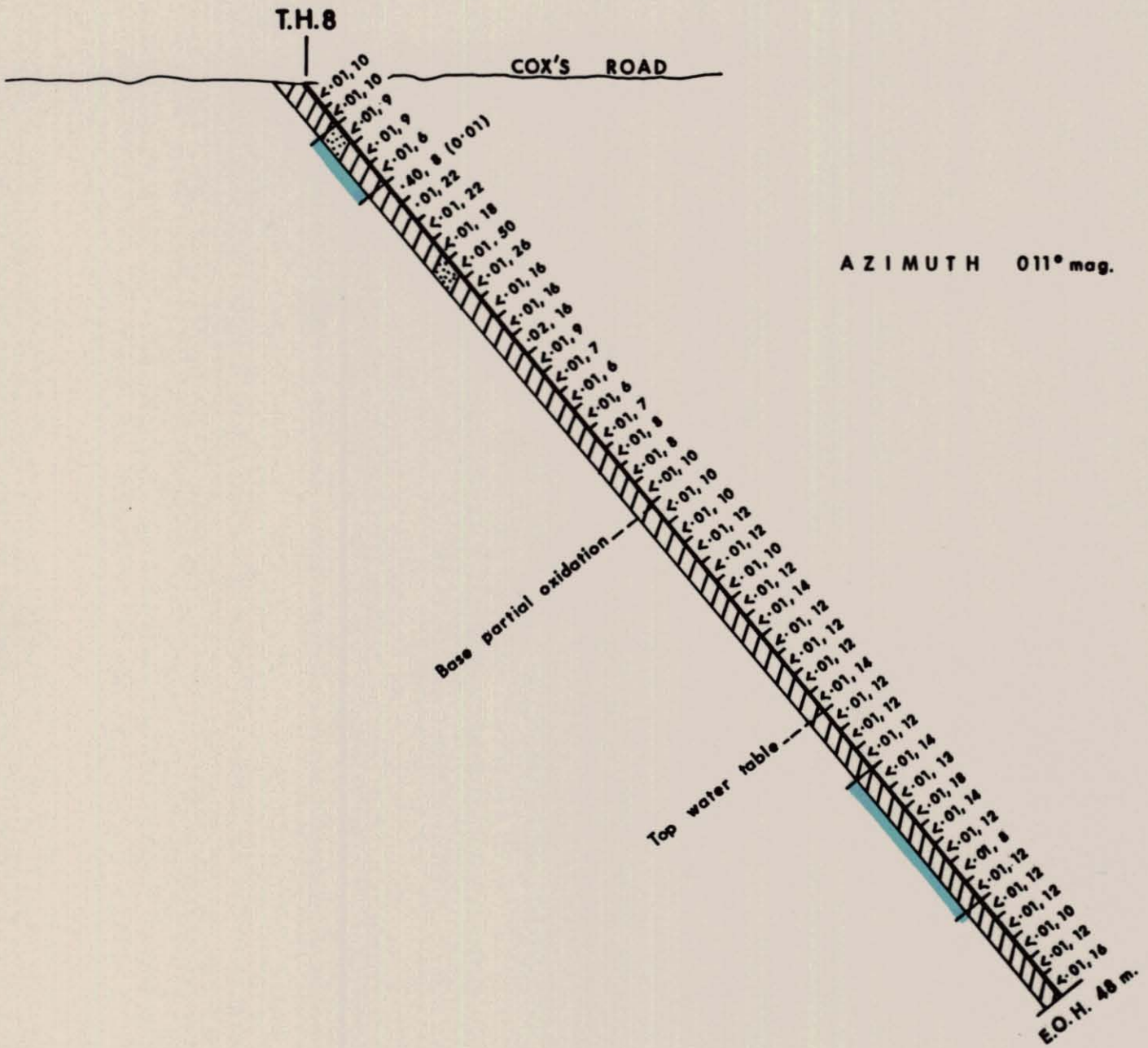
	Slate
	Sandstone
	Vein quartz ≥5%
·40, 18	Au, As ppm – 1m. composite
(0·12)	Au ppm repeat – screen fire assay

SCALE 1 : 250

KM/JMT MAY 1990

427015

089



AZIMUTH 011° mag.

KEY – T.H. 8

	Slate
	Sandstone
	Vein quartz ≥5%
·40, 18	Au, As ppm – 1m. composite
(0·12)	Au ppm repeat – screen fire assay

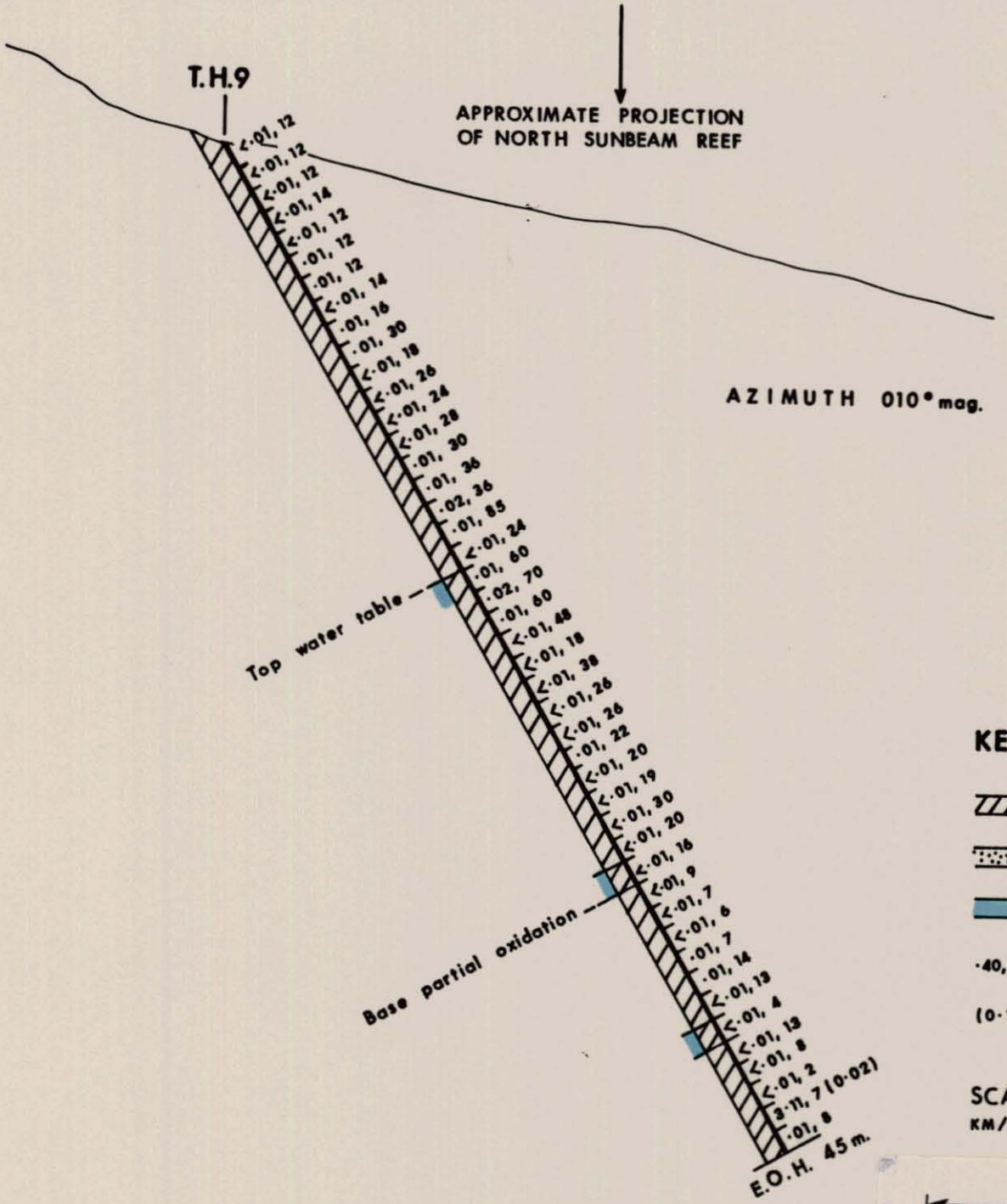
SCALE 1 : 250

KM/JMT MAY 1990

5 cm

427016

090



KEY — T.H.9

	Slate
	Sandstone
	Vein quartz ≥5%
·40, 18	Au, As ppm – 1m. composite
(0·12)	Au ppm repeat – fire screen assay

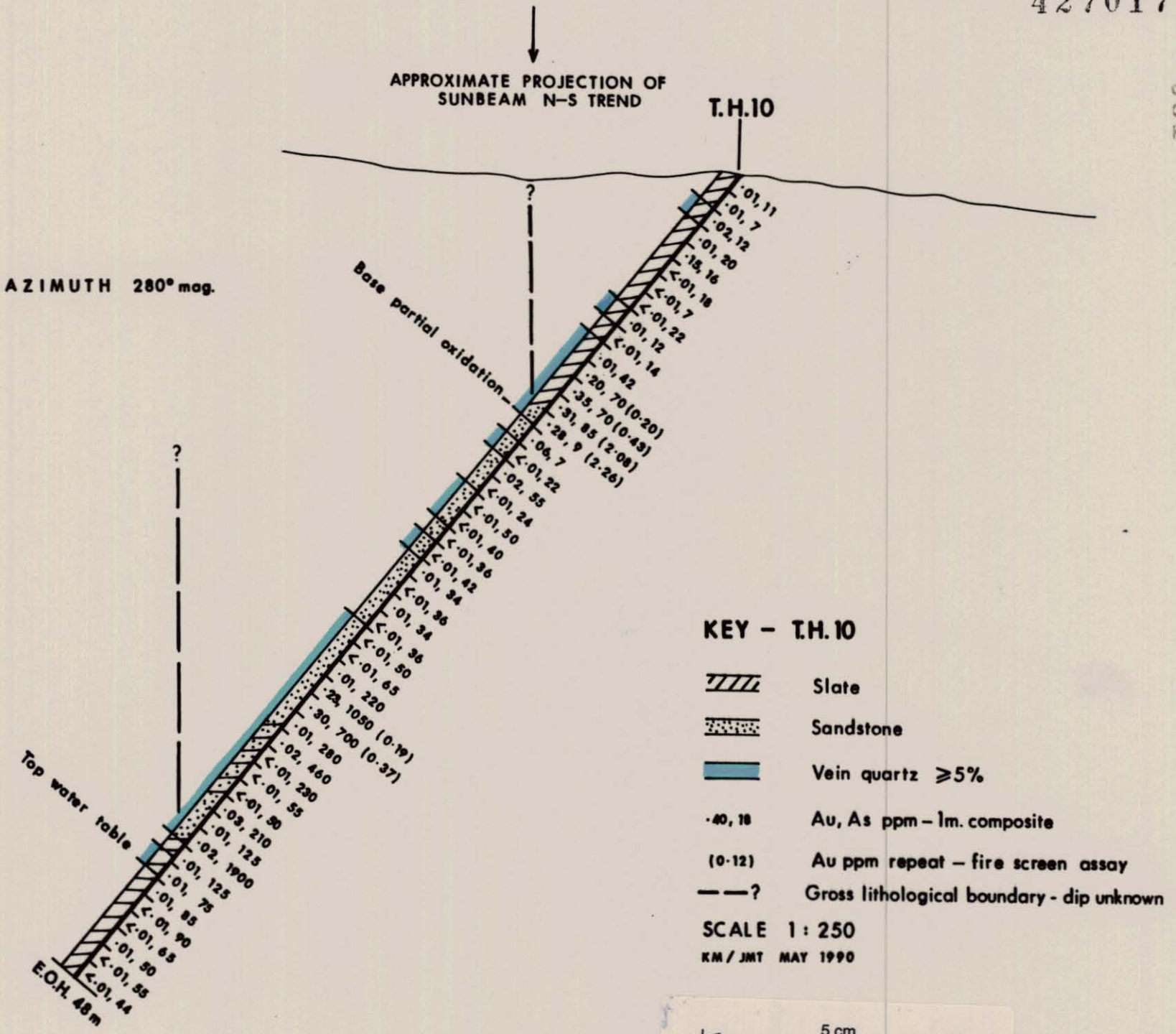
SCALE 1 : 250

KM/JMT MAY 1990

5 cm

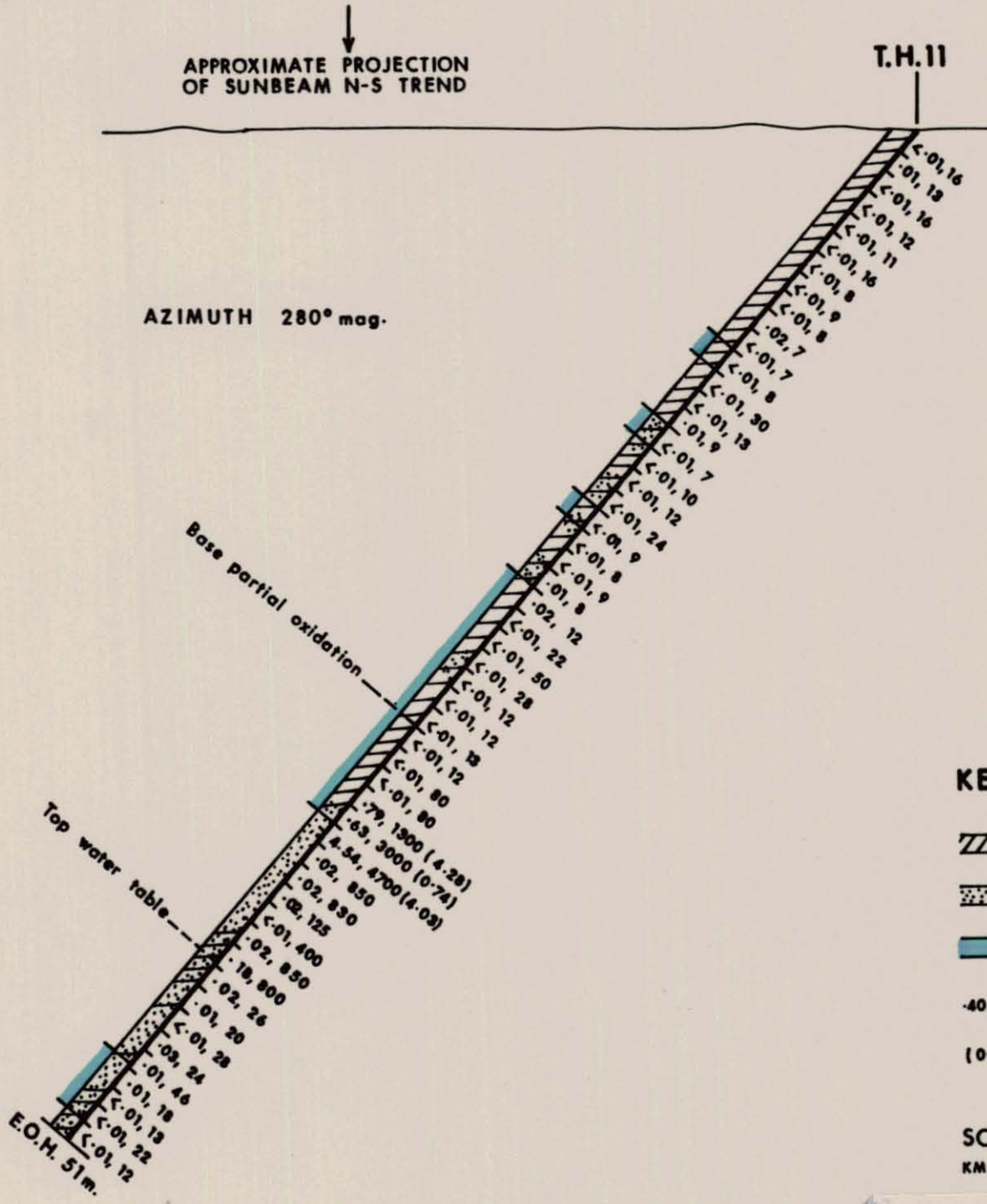
427017

091


APPROXIMATE PROJECTION OF SUNBEAM N–S TREND
T.H.10
AZIMUTH 280° mag.
Base partial oxidation
Top water table
E.O.H. 48m
·01, 11
·01, 7
·02, 12
·01, 20
·15, 16
<·01, 18
<·01, 7
<·01, 22
·01, 12
<·01, 14
·01, 42
·20, 70 (0·20)
·35, 70 (0·43)
·31, 85 (2·08)
·28, 9 (2·26)
·06, 7
<·01, 22
·02, 55
<·01, 24
<·01, 50
<·01, 40
<·01, 36
<·01, 42
·01, 34
<·01, 36
·01, 34
<·01, 36
<·01, 50
<·01, 65
·01, 220
·28, 1050 (0·19)
·30, 700 (0·37)
·01, 280
·02, 460
<·01, 230
<·01, 55
<·01, 50
·08, 210
·01, 125
·02, 1900
·01, 125
·01, 75
·01, 85
<·01, 90
<·01, 65
·01, 50
<·01, 55
<·01, 44
KEY – T.H. 10
Slate
Sandstone
Vein quartz ⩾5%
·40, 18 Au, As ppm – 1m. composite
(0·12) Au ppm repeat – fire screen assay
——? Gross lithological boundary - dip unknown
SCALE 1 : 250
KM / JMT MAY 1990
5 cm

427018

092



KEY – T.H. 11

- Slate
- Sandstone
- Vein quartz ≥5%
- ·40, 18 — Au, As ppm – 1m. composite
- (0·12) — Au ppm repeat – fire screen assay

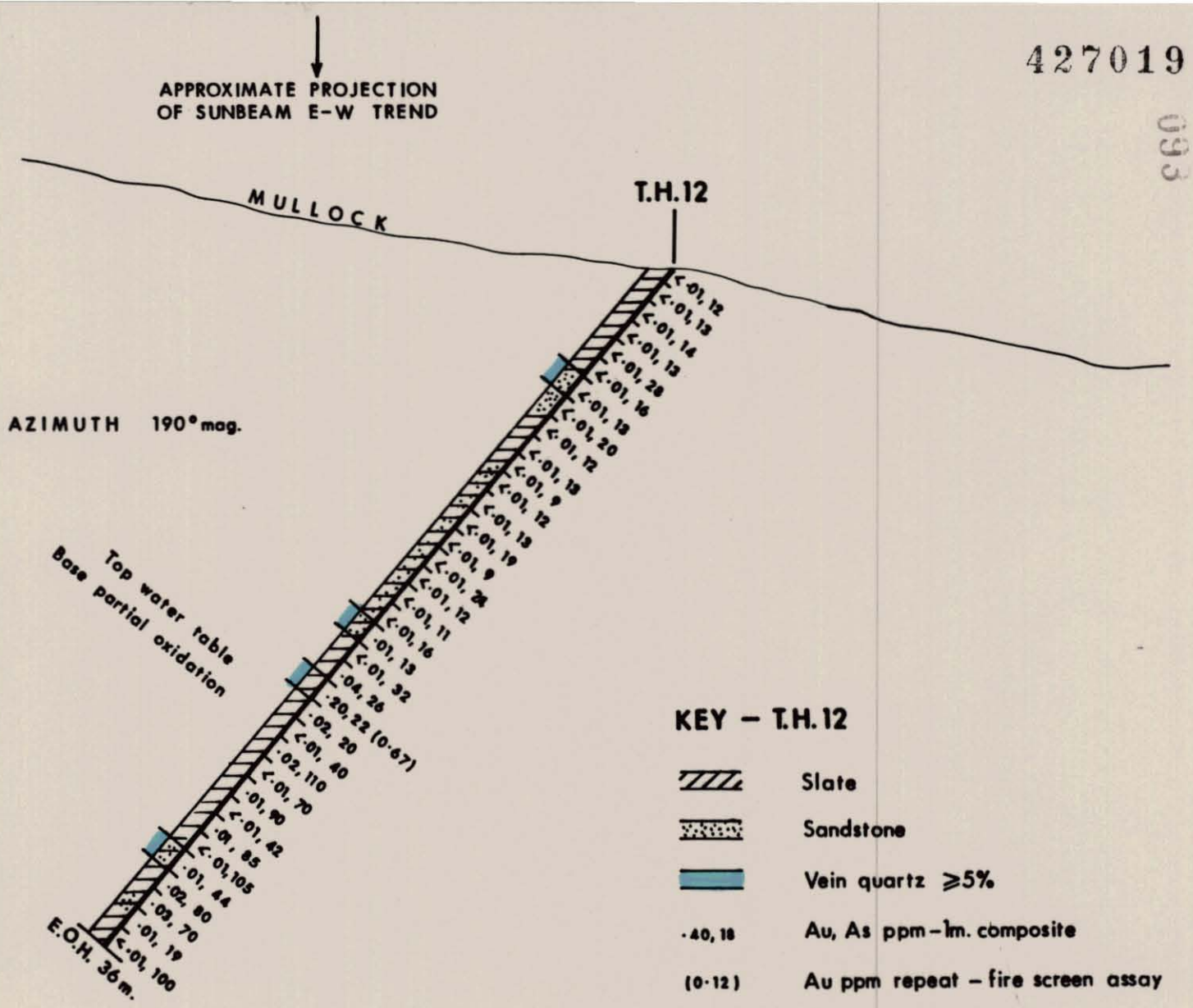
SCALE 1 : 250

KM /JMT MAY 1990

5 cm

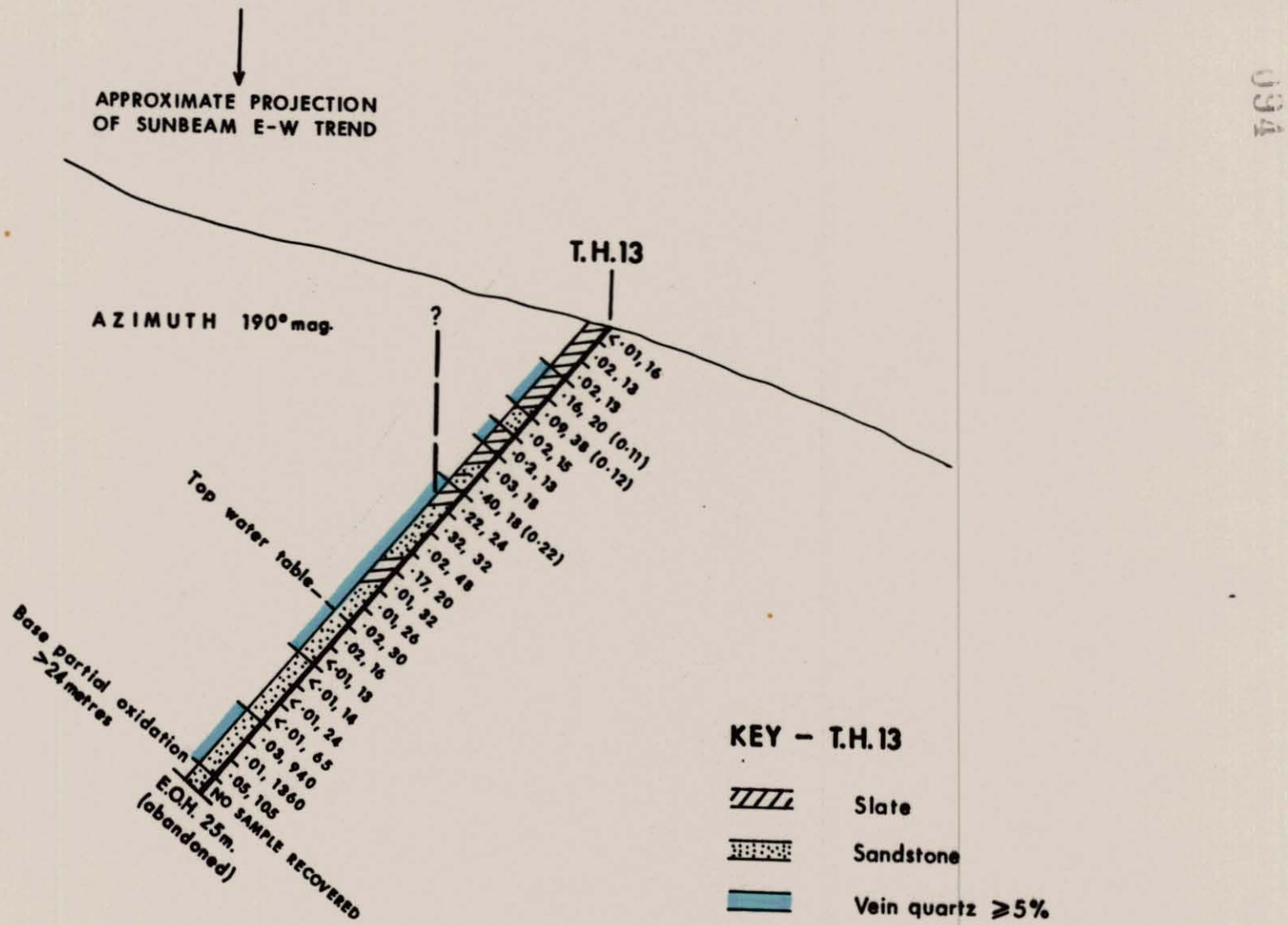
427019

093


APPROXIMATE PROJECTION
OF SUNBEAM E-W TREND
MULLOCK
T.H.12
AZIMUTH 190° mag.
Top water table
Base partial oxidation
<.01, 12
<.01, 13
<.01, 14
<.01, 13
<.01, 28
<.01, 16
<.01, 13
<.01, 20
<.01, 12
<.01, 13
<.01, 9
<.01, 12
<.01, 13
<.01, 19
<.01, 9
<.01, 24
<.01, 12
<.01, 11
<.01, 16
.01, 13
<.01, 32
.04, 26
.20, 22 (0.67)
.02, 20
<.01, 40
.02, 110
<.01, 70
.01, 90
<.01, 42
.01, 85
<.01, 105
.01, 44
.02, 80
.03, 70
.01, 19
<.01, 100
E.O.H. 36m.
KEY – T.H. 12
Slate
Sandstone
Vein quartz ≥5%
.40, 18
Au, As ppm – 1m. composite
(0.12)
Au ppm repeat – fire screen assay
SCALE 1 : 250
KM/JMT MAY 1990
5 cm

427020

034



KEY – T.H.13

- Slate
- Sandstone
- Vein quartz ≥5%
- ·40, 18 — Au, As ppm – 1m. composite
- (0·12) — Au ppm repeat – fire screen assay
- ——? — Gross lithological boundary - dip unknown

SCALE 1 : 250

KM / JMT MAY 1990

5 cm

Australian Laboratory Services PTY. LTD.
32 Shand Street, Stafford, Q. 4053
P.O. Box 66, Everton Park, Q. 4053.
Phone: (07) 352 5577.
Fax: (07) 352 5109.
Perth Laboratory
Lot 197 Victoria Road, Malaga, W.A. 6062.
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Townsville Laboratory
21 Bombala Street, Garbutt, Q. 4814.
Phone: (077) 79 9155. Fax: (077) 799 729.
18 Drew Street, Charters Towers, Q.
Phone: (077) 87 4155. Fax (077) 87 4
Bendigo Laboratory
127A Victoria Street, Eaglehawk, Vic
Phone: (054) 46 1390. Fax: (054) 46
Orange Laboratory
10 Leewood Drive, Orange, N.S.W. 2
Phone: (063) 631 722. Fax: (063) 631

CONSULTING ANALYTICAL CHEMISTS

INCORPORATED IN QUEENSLAND

LABORATORY REPORT

Client: PEGASUS GOLD

Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482-1

Contact: MR T SUMMONS

No. of Samples: 296
Date Received: 27/12/89
Date Completed: 16/01/90

Order No. ALS 013502 Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Cu ppm G001	Pb ppm G001	Zn ppm G001	As ppm G004	
TH1- 1 (T Cunningham)		580	820	350	45	
TH1- 2		45	70	35	8	
TH1- 3		15	30	15	7	
TH1- 4		20	20	40	5	
TH1- 5		15	25	25	6	
TH1- 6		10	10	25	3	
TH1- 7		35	30	30	4	
TH1- 8		25	25	25	5	
TH1- 9		110	80	60	5	
TH1- 10		30	30	35	4	
TH1- 11		25	35	35	6	
TH1- 12		10	15	30	3	
TH1- 13		15	25	35	4	
TH1- 14		10	10	60	9	
TH1- 15		10	10	40	8	
TH1- 16		5	5	30	6	
TH1- 17		10	10	40	7	
TH1- 18		5	5	20	20	
TH1- 19		5	5	15	22	
TH1- 20		15	10	30	70	
TH1- 21		10	10	20	17	
TH1- 22		35	15	25	26	
TH1- 23		25	25	25	11	
TH1- 24		10	15	25	5	
TH1- 25		10	15	30	11	
TH1- 26		10	20	40	12	
TH1- 27		20	10	65	22	
TH1- 28		5	5	35	110	
TH1- 29		25	25	75	18	
TH1- 30		15	20	55	6	
Detection Limit:		2	5	2	1	

Comments:

UNLESS NOTIFIED PULPS WILL BE DUMPED ON 27/06/90 AND SPLITS (IF ANY) ON 27/03/9

Signed: W Williams

FORM AL

427021

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339 CONSULTING ANALYTICAL CHEMISTS
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Phone: (07) 352 5577.
Fax: (07) 352 5109.
Perth Laboratory
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Townsville Laboratory
21 Bombala Street, Garbutt, Q. 4814.
Phone: (077) 79 9155. Fax: (077) 799 729.
Charters Towers Laboratory
[illegible] Drew Street, Charters Towers, Q. [illegible]
Phone: (077) 87 4155. Fax (077) 87 42
Bendigo Laboratory
127A Victoria Street, Eaglehawk, Vic.
Phone: (054) 46 1390. Fax: (054) 46 1
Orange Laboratory
10 Leswood Drive, Orange, N.S.W. 28
Phone: (063) 631 722. Fax: (063) 631

LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482-1

Contact: MR T SUMMONS

No. of Samples: 296
Date Received: 27/12/89
Order No. ALS 013502 Sample Type: DRILL CUTTINGS
Date Completed: 16/01/90

SAMPLE NUMBER	Element Unit Method	Cu ppm G001	Pb ppm G001	Zn ppm G001	As ppm G004	
TH1- 31		10	5	35	4	
TH1- 32		5	10	35	3	
TH1- 33		10	10	45	7	
TH1- 34		10	15	35	5	
TH1- 35		35	10	100	4	
TH1- 36		35	10	110	6	
TH1- 37		55	15	115	5	
TH1- 38		100	45	95	5	
TH1- 39		45	25	100	4	
TH1- 40		35	5	110	5	
TH1- 41		30	20	120	16	
TH1- 42		40	15	110	15	
TH1- 43		35	20	105	8	
TH1- 44		40	55	105	7	
TH1- 45		35	35	90	8	
TH1- 46		40	15	105	10	
TH1- 47		25	20	105	9	
TH1- 48		50	35	115	11	
TH1- 49		45	30	120	15	
TH1- 50		35	50	110	10	
TH1- 51		25	5	105	11	
TH2- 1		25	35	50	18	
TH2- 2		30	25	95	10	
TH2- 3		20	15	90	8	
TH2- 4		30	30	100	10	
TH2- 5		30	30	100	9	
TH2- 6		25	30	85	9	
TH2- 7		35	20	90	10	
TH2- 8		25	10	100	10	
TH2- 9		25	15	100	8	
Detection Limit:		2	5	2	1	

Comments:

Signed: W. Williams

FORM AL

427022

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Orange Laboratory
10 Leewood Drive, Orange, N.S.W. 28
Phone: (063) 631 722. Fax: (063) 631

LABORATORY REPORT

lient: PEGASUS GOLD
ddress: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482-1

ontact: MR T SUMMONS

No. of Samples: 296
Date Received: 27/12/89
Date Completed: 16/01/90

rder No. ALS 013502 Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Cu ppm G001	Pb ppm G001	Zn ppm G001	As ppm G004	
TH2- 10		20	10	105	10	
TH2- 11		110	10	105	10	
TH2- 12		40	20	100	10	
TH2- 13		25	20	105	13	
TH2- 14		25	10	95	9	
TH2- 15		35	10	105	10	
TH2- 16		30	25	90	17	
TH2- 17		35	10	105	12	
TH2- 18		35	25	110	13	
TH2- 19		115	75	95	15	
TH2- 20		65	60	140	40	
TH2- 21		45	30	90	30	
TH2- 22		15	20	60	24	
TH2- 23		25	25	80	34	
TH2- 24		25	25	80	34	
TH2- 25		20	20	80	32	
TH2- 26		25	20	90	44	
TH2- 27		15	15	55	20	
TH2- 28		10	15	35	13	
TH2- 29		15	25	50	15	
TH2- 30		15	20	35	7	
TH2- 31		15	10	45	12	
TH2- 32		10	15	35	10	
TH2- 33		15	20	35	9	
TH2- 34		30	25	70	9	
TH2- 35		20	25	95	9	
TH2- 36		15	15	45	9	
TH2- 37		10	5	25	9	
TH2- 38		20	25	35	8	
TH2- 39		10	10	30	4	
Detection Limit:		2	5	2	1	

Comments:

Signed: William K

FORM AL.

427023

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Orange Laboratory
10 Leewood Drive, Orange, N.S.W. 28
Phone: (063) 631 722. Fax: (063) 631

LABORATORY REPORT

lient: PEGASUS GOLD
ddress: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482-1

ontact: MR T SUMMONS

No. of Samples: 296
Date Received: 27/12/89
Date Completed: 16/01/90

rder No. ALS 013502 Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Cu ppm G001	Pb ppm G001	Zn ppm G001	As ppm G004	
TH2- 40		10	15	35	4	
TH2- 41		10	15	30	4	
TH2- 42		10	15	35	16	
TH2- 43		10	20	45	11	
TH2- 44		10	20	40	36	
TH2- 45		10	40	35	40	
TH2- 46		10	30	45	12	
TH2- 47		10	10	30	8	
TH2- 48		10	10	30	6	
TH2- 49		15	15	45	12	
TH2- 50		15	15	100	7	
TH2- 51		40	10	65	250	
TH2- 52		10	10	40	14	
TH2- 53		10	10	60	5	
TH3- 1		15	20	30	22	
TH3- 2		15	30	40	26	
TH3- 3		40	45	90	9	
TH3- 4		20	65	55	28	
TH3- 5		20	30	30	38	
TH3- 6		15	20	50	26	
TH3- 7		15	15	60	16	
TH3- 8		25	20	85	24	
TH3- 9		30	30	90	22	
TH3- 10		15	15	45	9	
TH3- 11		20	15	60	14	
TH3- 12		20	15	60	16	
TH3- 13		15	20	50	10	
TH3- 14		20	20	65	18	
TH3- 15		15	15	40	6	
TH3- 16		15	15	40	3	
Detection Limit:		2	5	2	1	

Comments:

Signed: William

FORM ALS

427024

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Orange Laboratory
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Phone: (063) 631 722. Fax: (063) 631

LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482-1

Contact: MR T SUMMONS

No. of Samples: 296
Date Received: 27/12/89
Order No. ALS 013502 Sample Type: DRILL CUTTINGS
Date Completed: 16/01/90

SAMPLE NUMBER	Element Unit Method	Cu ppm G001	Pb ppm G001	Zn ppm G001	As ppm G004	
TH3- 17		15	15	40	8	
TH3- 18		15	15	35	12	
TH3- 19		25	20	90	22	
TH3- 20		40	30	110	45	
TH3- 21		40	25	110	18	
TH3- 22		50	30	105	26	
TH3- 23		55	20	95	34	
TH3- 24		10	5	30	460	
TH3- 25		10	15	10	50	
TH3- 26		15	5	30	1000	
TH3- 27		15	15	30	24	
TH3- 28		45	45	45	28	
TH3- 29		20	20	25	10	
TH3- 30		15	15	25	4	
TH3- 31		15	15	40	3	
TH3- 32		15	20	65	24	
TH3- 33		15	15	70	50	
TH3- 34		15	25	160	170	
TH3- 35		15	35	95	38	
TH3- 36		15	5000	35	860	
TH3- 37		15	20	25	14	
TH3- 38		20	20	30	12	
TH3- 39		15	30	45	14	
TH3- 40		25	35	65	30	
TH3- 41		15	20	50	110	
TH3- 42		15	15	45	22	
TH3- 43		15	20	45	22	
TH3- 44		20	15	35	20	
TH3- 45		15	10	30	24	
TH3- 46		15	10	25	14	
Detection Limit:		2	5	2	1	

Comments:

Signed: W Williams

FORM ALS

427025

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Orange Laboratory
10 Leewood Drive, Orange, N.S.W. 28
Phone: (063) 631 722. Fax: (063) 631

LABORATORY REPORT

Client: PEGASUS GOLD

Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482-1

Contact: MR T SUMMONS

No. of Samples: 296
Date Received: 27/12/89
Date Completed: 16/01/90

Order No. ALS 013502

Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Cu ppm G001	Pb ppm G001	Zn ppm G001	As ppm G004	
TH3- 47		10	10	30	12	
TH3- 48		10	10	35	16	
TH3- 49		15	15	35	55	
TH3- 50		10	10	30	24	
TH3- 51		15	10	30	24	
TH8- 1		60	120	105	10	
TH8- 2		40	35	80	10	
TH8- 3		40	15	80	9	
TH8- 4		40	30	65	9	
TH8- 5		50	20	95	6	
TH8- 6		45	15	95	8	
TH8- 7		50	70	95	22	
TH8- 8		40	50	110	22	
TH8- 9		30	15	90	18	
TH8- 10		115	20	110	50	
TH8- 11		85	15	120	26	
TH8- 12		60	45	100	16	
TH8- 13		50	35	90	16	
TH8- 14		60	35	110	16	
TH8- 15		35	20	100	9	
TH8- 16		45	10	105	7	
TH8- 17		25	5	95	6	
TH8- 18		35	30	110	6	
TH8- 19		40	45	120	7	
TH8- 20		45	15	125	8	
TH8- 21		50	15	120	8	
TH8- 22		10	45	5	10	
TH8- 23		45	15	110	10	
TH8- 24		35	10	105	10	
TH8- 25		40	25	110	12	
Detection Limit:		2	5	2	1	

Comments:

Signed: William

FORM ALS

427026

CONSULTING ANALYTICAL CHEMISTS
INCORPORATED IN QUEENSLAND

LABORATORY REPORT

Perth Laboratory
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Orange Laboratory
10 Leewood Drive, Orange, N.S.W. 28
Phone: (063) 631 722. Fax: (063) 631

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482-1

Contact: MR T SUMMONS

No. of Samples: 296
Date Received: 27/12/89
Date Completed: 16/01/90

Order No. ALS 013502 Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Cu ppm G001	Pb ppm G001	Zn ppm G001	As ppm G004	
TH8- 26		40	10	110	12	
TH8- 27		40	5	105	10	
TH8- 28		40	10	105	12	
TH8- 29		40	5	110	14	
TH8- 30		45	5	115	12	
TH8- 31		45	10	130	12	
TH8- 32		45	15	115	12	
TH8- 33		60	60	160	14	
TH8- 34		45	10	120	12	
TH8- 35		50	30	135	12	
TH8- 36		40	5	105	12	
TH8- 37		40	15	105	14	
TH8- 38		35	15	85	13	
TH8- 39		40	80	95	18	
TH8- 40		35	50	105	14	
TH8- 41		40	25	115	12	
TH8- 42		35	15	105	8	
TH8- 43		40	10	110	12	
TH8- 44		45	45	130	12	
TH8- 45		35	10	110	12	
TH8- 46		40	15	110	10	
TH8- 47		40	15	105	12	
TH8- 48		40	15	115	16	
TH9- 1		40	30	95	12	
TH9- 2		40	20	100	12	
TH9- 3		40	25	105	12	
TH9- 4		40	20	100	14	
TH9- 5		40	15	105	12	
TH9- 6		40	15	100	12	
TH9- 7		35	10	105	12	
Detection Limit:		2	5	2	1	

Comments:

Signed:

FORM AL

427027

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Orange Laboratory
10 Leewood Drive, Orange, N.S.W. 2
Phone: (063) 631 722. Fax: (063) 63

LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482-1

Contact: MR T SUMMONS

No. of Samples: 296
Date Received: 27/12/89
Date Completed: 16/01/90

Order No. ALS 013502 Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Cu ppm G001	Pb ppm G001	Zn ppm G001	As ppm G004	
TH9- 8		30	15	100	14	
TH9- 9		30	15	100	16	
TH9- 10		45	110	80	30	
TH9- 11		40	35	95	18	
TH9- 12		40	35	115	26	
TH9- 13		45	35	115	24	
TH9- 14		35	10	105	28	
TH9- 15		35	25	110	30	
TH9- 16		40	90	105	36	
TH9- 17		30	20	75	36	
TH9- 18		50	25	55	85	
TH9- 19		40	25	75	24	
TH9- 20		45	20	55	60	
TH9- 21		50	35	80	70	
TH9- 22		55	30	115	60	
TH9- 23		45	25	95	48	
TH9- 24		45	10	95	18	
TH9- 25		35	20	120	38	
TH9- 26		35	5	110	26	
TH9- 27		40	5	120	26	
TH9- 28		45	25	100	22	
TH9- 29		30	20	95	20	
TH9- 30		35	15	115	19	
TH9- 31		35	30	65	30	
TH9- 32		40	30	110	20	
TH9- 33		35	30	100	16	
TH9- 34		40	25	95	9	
TH9- 35		30	25	85	7	
TH9- 36		30	20	90	6	
TH9- 37		25	15	80	7	
Detection Limit:		2	5	2	1	

Comments:

Signed: M Williams

FORM AL

427028

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Phone: (063) 631 722. Fax: (063) 63

LABORATORY REPORT

Client: PEGASUS GOLD

Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482-1

Contact: MR T SUMMONS

Order No. ALS 013502

Sample Type: DRILL CUTTINGS

No. of Samples: 296
Date Received: 27/12/89
Date Completed: 16/01/90

SAMPLE NUMBER	Element Unit Method	Cu ppm G001	Pb ppm G001	Zn ppm G001	As ppm G004	
TH9- 38		35	20	95	14	
TH9- 39		30	25	80	13	
TH9- 40		30	5	80	4	
TH9- 41		35	35	110	13	
TH9- 42		35	20	85	8	
TH9- 43		35	<5	90	2	
TH9- 44		30	30	75	7	
TH9- 45		30	20	80	8	
TH10- 1		30	40	50	11	
TH10- 2		35	35	70	7	
TH10- 3		30	50	40	12	
TH10- 4		35	30	50	20	
TH10- 5		45	30	50	16	
TH10- 6		40	30	50	18	
TH10- 7		35	20	60	7	
TH10- 8		30	30	55	22	
TH10- 9		35	25	65	12	
TH10- 10		30	35	25	14	
TH10- 11		20	25	50	42	
TH10- 12		35	25	80	70	
TH10- 13		15	40	75	70	
TH10- 14		30	55	115	85	
TH10- 15		30	25	85	9	
TH10- 16		30	35	105	7	
TH10- 17		15	15	50	22	
TH10- 18		15	5	40	55	
TH10- 19		15	10	45	24	
TH10- 20		20	15	65	50	
TH10- 21		15	10	40	40	
TH10- 22		15	20	40	36	
Detection Limit:		2	5	2	1	

Comments:

Signed: W Williams

FORM AL

427029

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Orange Laboratory
10 Leewood Drive, Orange, N.S.W. 2
Phone: (063) 631 722. Fax: (063) 631

LABORATORY REPORT

Client: PEGASUS GOLD

Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482-1

Contact: MR T SUMMONS

Order No. ALS 013502

Sample Type: DRILL CUTTINGS

No. of Samples: 296
Date Received: 27/12/89
Date Completed: 16/01/90

SAMPLE NUMBER	Element / Unit / Method	Cu ppm G001	Pb ppm G001	Zn ppm G001	As ppm G004	
TH10- 23		15	10	35	42	
TH10- 24		15	10	40	34	
TH10- 25		15	15	40	36	
TH10- 26		15	10	40	34	
TH10- 27		15	15	40	36	
TH10- 28		15	10	30	50	
TH10- 29		10	10	45	65	
TH10- 30		15	15	30	220	
TH10- 31		15	20	25	1050	
TH10- 32		15	15	25	700	
TH10- 33		15	25	25	280	
TH10- 34		170	100	55	460	
TH10- 35		25	25	50	230	
TH10- 36		45	20	35	55	
TH10- 37		25	20	40	50	
TH10- 38		15	15	45	210	
TH10- 39		10	15	40	125	
TH10- 40		10	20	40	1900	
TH10- 41		30	25	95	125	
TH10- 42		40	20	100	75	
TH10- 43		40	25	100	85	
TH10- 44		40	25	90	90	
TH10- 45		40	25	90	65	
TH10- 46		80	15	100	50	
TH10- 47		40	30	100	55	
TH10- 48		35	10	95	44	
Detection Limit:		2	5	2	1	

Comments:

Signed: Williams

FORM AL

427030

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LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M475-1

Contact: MR T SUMMONS

No. of Samples: 189
Date Received: 20/12/89
Order No. VERBAL Sample Type: DRILL CUTTINGS
Date Completed: 10/01/90

SAMPLE NUMBER	Element Unit Method	As ppm G004	Cu ppm G001	Pb ppm G001	Zn ppm G001	
TH4-1		48	90	85	45	
TH4-2		60	35	55	85	
TH4-3		11	20	55	70	
TH4-4		8	25	20	65	
TH4-5		5	15	5	65	
TH4-6		5	20	5	80	
TH4-7		11	20	35	75	
TH4-8		6	30	10	90	
TH4-9		5	40	20	90	
TH4-10		4	40	55	95	
TH4-11		5	30	20	90	
TH4-12		4	25	20	90	
TH4-13		4	30	30	100	
TH4-14		5	50	280	95	
TH4-15		4	25	30	95	
TH4-16		4	25	20	85	
TH4-17		4	50	130	95	
TH4-18		3	15	5	85	
TH4-19		2	35	10	90	
TH4-20		3	30	<5	90	
TH4-21		3	25	<5	90	
TH4-22		3	10	<5	85	
TH4-23		4	5	5	95	
TH4-24		3	15	5	90	
TH4-25		7	65	5	85	
TH4-26		5	15	<5	85	
TH4-27		4	15	<5	90	
TH4-28		3	40	25	85	
TH4-29		5	30	40	95	
TH4-30		5	25	30	95	
Detection Limit:		1	2	5	2	

Comments:

UNLESS NOTIFIED PULPS WILL BE DUMPED ON 20/06/90 AND SPLITS (IF ANY) ON 20/03/9

Signed: G. Anne

FORM ALS

427031

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Orange Laboratory
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LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M475-1

Contact: MR T SUMMONS

No. of Samples: 189
Date Received: 20/12/89
Date Completed: 10/01/90

Order No. VERBAL

Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	As ppm G004	Cu ppm G001	Pb ppm G001	Zn ppm G001	
TH4-31		3	20	<5	90	
TH4-32		8	35	20	80	
TH4-33		6	40	10	85	
TH4-34		10	55	40	90	
TH4-35		6	30	75	85	
TH4-36		4	20	10	105	
TH4-37		50	15	10	60	
TH4-38		15	15	15	55	
TH4-39		5	10	10	35	
TH4-40		6	15	15	30	
TH4-41		5	15	15	35	
TH4-42		7	25	15	50	
TH4-43		13	30	35	85	
TH4-44		5	20	20	35	
TH4-45		11	20	25	30	
TH4-46		16	25	175	20	
TH4-47		10	25	30	60	
TH4-48		9	20	20	45	
TH4-49		9	15	85	35	
TH4-50		100	20	20	35	
TH4-51		15	15	15	25	
TH5-1		60	80	70	70	
TH5-2		36	20	25	25	
TH5-3		155	20	25	30	
TH5-4		440	20	20	20	
TH5-5		175	15	20	35	
TH5-6		80	15	20	45	
TH5-7		70	10	15	20	
TH5-8		160	20	20	30	
TH5-9		190	25	20	55	
Detection Limit:		1	2	5	2	

Comments:

Signed: G. Lum

FORM AL

427032

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Orange Laboratory
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Phone: (063) 631 722. Fax: (063) 63

LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M475-1

Contact: MR T SUMMONS

Order No. VERBAL

Sample Type: DRILL CUTTINGS

No. of Samples: 189
Date Received: 20/12/89
Date Completed: 10/01/90

SAMPLE NUMBER	Element Unit Method	As ppm G004	Cu ppm G001	Pb ppm G001	Zn ppm G001	
TH5-10		105	25	35	40	
TH5-11		75	35	25	95	
TH5-12		36	55	50	90	
TH5-13		10	25	20	85	
TH5-14		11	15	20	75	
TH5-15		14	25	10	85	
TH5-16		11	35	15	80	
TH5-17		9	30	20	95	
TH5-18		.11	25	20	95	
TH5-19		.19	40	35	100	
TH5-20		9	30	60	95	
TH5-21		7	45	20	90	
TH5-22		7	30	15	75	
TH5-23		7	25	<5	85	
TH5-24		8	30	<5	90	
TH5-25		8	35	<5	85	
TH5-26		5	30	5	80	
TH5-27		5	10	<5	85	
TH5-28		5	15	<5	90	
TH5-29		5	20	<5	95	
TH5-30		4	20	<5	90	
TH5-31		5	25	<5	90	
TH5-32		6	40	5	80	
TH5-33		6	35	5	85	
TH6-1		5	25	10	85	
TH6-2		5	25	10	85	
TH6-3		5	25	15	80	
TH6-4		5	25	10	80	
TH6-5		11	40	35	90	
TH6-6		7	35	10	95	
Detection Limit:		1	2	5	2	

Comments:

Signed: G. Cummings

FORM AL

427023

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Phone: (063) 631 722. Fax: (063) 63

LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M475-1

Contact: MR T SUMMONS

No. of Samples: 189
Date Received: 20/12/89
Date Completed: 10/01/90

Order No. VERBAL

Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	As ppm G004	Cu ppm G001	Pb ppm G001	Zn ppm G001	
TH6-7		6	50	25	95	
TH6-8		8	35	25	75	
TH6-9		8	30	10	100	
TH6-10		6	25	55	85	
TH6-11		8	45	280	95	
TH6-12		5	30	30	90	
TH6-13		5	25	15	95	
TH6-14		5	30	10	85	
TH6-15		5	25	5	85	
TH6-16		10	25	15	1150	
TH6-17		12	20	20	80	
TH6-18		10	45	30	70	
TH6-19		9	20	55	80	
TH6-20		10	15	20	55	
TH6-21		18	15	20	40	
TH6-22		17	10	125	35	
TH6-23		22	10	280	40	
TH6-24		20	10	10	35	
TH6-25		28	15	20	75	
TH6-26		18	10	15	30	
TH6-27		24	15	20	60	
TH6-28		30	25	25	70	
TH6-29		30	20	30	75	
TH6-30		26	15	15	45	
TH6-31		19	15	2700	35	
TH6-32		28	20	35	75	
TH6-33		20	15	20	45	
TH6-34		19	10	15	35	
TH6-35		26	10	20	45	
TH6-36		60	35	25	95	
Detection Limit:		1	2	5	2	

Comments:

Signed: g. Chum

FORM AL

427034

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Orange Laboratory
10 Leewood Drive, Orange, N.S.W. 2
Phone: (063) 631 722. Fax: (063) 63

LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M475-1

Contact: MR T SUMMONS

No. of Samples: 189
Date Received: 20/12/89
Date Completed: 10/01/90

Order No. VERBAL

Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	As ppm G004	Cu ppm G001	Pb ppm G001	Zn ppm G001	
TH6-37		38	10	20	45	
TH6-38		24	10	20	40	
TH6-39		16	10	15	40	
TH6-40		22	10	15	30	
TH6-41		42	25	15	80	
TH6-42		1550	10	10	35	
TH6-43		60	10	10	20	
TH6-44		44	20	15	60	
TH6-45		22	10	25	40	
TH6-46		32	20	25	60	
TH6-47		26	15	20	55	
TH6-48		30	20	20	75	
TH6-49		25	20	40	60	
TH6-50		24	15	25	60	
TH6-51		24	25	25	70	
TH6-52		18	20	30	60	
TH6-53		26	25	30	90	
TH6-54		20	25	30	80	
TH7-1		110	110	120	105	
TH7-2		130	25	30	45	
TH7-3		80	20	25	45	
TH7-4		105	30	25	75	
TH7-5		65	20	20	75	
TH7-6		55	30	25	105	
TH7-7		170	25	35	95	
TH7-8		200	15	25	65	
TH7-9		120	30	20	60	
TH7-10		55	30	20	120	
TH7-11		810	20	25	70	
TH7-12		1100	20	30	100	
Detection Limit:		1	2	5	2	

Comments:

Signed: G. Lum

427035

FORM AL

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LABORATORY REPORT

Client: PEGASUS GOLD

Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M475-1

Contact: MR T SUMMONS

No. of Samples: 189
Date Received: 20/12/8
Date Completed: 10/01/9

Order No. VERBAL

Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	As ppm G004	Cu ppm G001	Pb ppm G001	Zn ppm G001	
TH7-13		40	20	20	60	
TH7-14		75	30	40	70	
TH7-15		70	45	65	155	
TH7-16		35	15	20	60	
TH7-17		24	15	25	60	
TH7-18		45	40	25	115	
TH7-19		50	50	35	135	
TH7-20		35	40	20	120	
TH7-21		1200	35	25	125	
TH7-22		1100	25	175	135	
TH7-23		200	15	25	45	
TH7-24		320	10	25	40	
TH7-25		360	25	25	65	
TH7-26		30	15	20	55	
TH7-27		20	15	15	55	
TH7-28		40	30	40	70	
TH7-29		1000	15	55	45	
TH7-30		65	35	40	90	
TH7-31		55	25	35	105	
TH7-32		700	30	25	80	
TH7-33		700	15	20	50	
TH7-34		1500	15	20	40	
TH7-35		200	15	20	30	
TH7-36		550	20	15	30	
TH7-37		210	15	25	30	
TH7-38		1000	20	20	35	
TH7-39		330	10	15	30	
TH7-40		390	50	15	115	
TH7-41		125	50	30	130	
TH7-42		125	65	50	155	
Detection Limit:		1	2	5	2	

Comments:

Signed: G. Chum

FORM AL

427036

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Orange Laboratory
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Phone: (063) 631 722. Fax: (063) 63

LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M475-1

Contact: MR T SUMMONS

No. of Samples: 189
Date Received: 20/12/89
Date Completed: 10/01/90

Order No. VERBAL

Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	As ppm G004	Cu ppm G001	Pb ppm G001	Zn ppm G001	
TH7-43		50	35	20	120	
TH7-44		45	55	35	115	
TH7-45		30	45	30	110	
TH7-46		50	55	45	125	
TH7-47		50	55	40	120	
TH7-48		40	55	35	130	
TH7-49		45	50	50	125	
TH7-50		45	60	45	120	
TH7-51		30	30	40	65	
Detection Limit:		1	2	5	2	

Comments:

Signed: G. Chan

FORM AL

427037

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LABORATORY REPORT

Client: PEGASUS GOLD

Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M484-1

Contact: MR T SUMMONS

Order No. ALS 013505

Sample Type: DRILL CUTTINGS

No. of Samples: 111
Date Received: 28/12/89
Date Completed: 15/01/90

SAMPLE NUMBER	Element Unit Method	Cu ppm G001	Pb ppm G001	Zn ppm G001	As ppm G004	
TH11- 1		25	25	95	16	
TH11- 2		25	45	110	13	
TH11- 3		25	15	95	16	
TH11- 4		25	25	85	12	
TH11- 5		35	30	100	11	
TH11- 6		30	40	115	16	
TH11- 7		40	10	105	8	
TH11- 8		30	25	100	9	
TH11- 9		25	25	95	8	
TH11- 10		20	10	95	7	
TH11- 11		15	45	90	7	
TH11- 12		30	25	95	8	
TH11- 13		30	75	105	30	
TH11- 14		40	5	95	13	
TH11- 15		40	15	105	9	
TH11- 16		30	35	95	7	
TH11- 17		20	25	80	10	
TH11- 18		35	25	100	12	
TH11- 19		140	25	95	24	
TH11- 20		35	45	100	9	
TH11- 21		25	25	90	8	
TH11- 22		15	10	90	9	
TH11- 23		25	25	110	8	
TH11- 24		25	5	90	12	
TH11- 25		30	45	110	22	
TH11- 26		55	35	95	50	
TH11- 27		40	10	90	28	
TH11- 28		30	25	90	12	
TH11- 29		30	10	100	12	
TH11- 30		30	30	80	13	
Detection Limit:		2	5	2	1	

Comments:

UNLESS NOTIFIED PULPS WILL BE DUMPED ON 28/06/90 AND SPLITS (IF ANY) ON 28/03/90

Signed: M Williams

FORM AL

427038

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CONSULTING ANALYTICAL CHEMISTS

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Fax: (07) 352 5109.

Perth Laboratory
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Townsville Laboratory
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Phone: (077) 79 9155. Fax: (077) 799 729.

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Bendigo Laboratory
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Phone: (054) 48 1390. Fax: (054) 46

Orange Laboratory
10 Leewood Drive, Orange, N.S.W. 2
Phone: (063) 631 722. Fax: (063) 631

LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M484-1

Contact: MR T SUMMONS

Order No. ALS 013505 Sample Type: DRILL CUTTINGS

No. of Samples: 111
Date Received: 28/12/89
Date Completed: 15/01/90

SAMPLE NUMBER	Element Unit Method	Cu ppm G001	Pb ppm G001	Zn ppm G001	As ppm G004	
TH11- 31		25	20	80	12	
TH11- 32		30	20	105	80	
TH11- 33		30	15	80	80	
TH11- 34		20	20	70	1300	
TH11- 35		25	10	70	3000	
TH11- 36		10	80	70	4700	
TH11- 37		10	15	30	850	
TH11- 38		10	10	30	830	
TH11- 39		10	5	40	125	
TH11- 40		10	20	30	400	
TH11- 41		10	5	35	850	
TH11- 42		35	20	65	800	
TH11- 43		15	20	60	26	
TH11- 44		15	15	55	20	
TH11- 45		35	20	85	28	
TH11- 46		25	25	80	24	
TH11- 47		15	15	65	46	
TH11- 48		25	25	75	18	
TH11- 49		15	15	45	13	
TH11- 50		25	20	70	22	
TH11- 51		20	20	70	17	
TH12- 1		20	20	80	12	
TH12- 2		25	10	75	13	
TH12- 3		30	20	65	14	
TH12- 4		30	5	90	13	
TH12- 5		35	10	90	28	
TH12- 6		30	20	100	16	
TH12- 7		40	30	90	13	
TH12- 8		45	15	140	20	
TH12- 9		40	10	90	12	
Detection Limit:		2	5	2	1	

Comments:

Signed: W. Williams

FORM ALS

427039

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Charters Towers Laboratory
[illegible] Drew Street, Charters Towers, Q. [illegible]
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Orange Laboratory
10 Leewood Drive, Orange, N.S.W. 28
Phone: (063) 631 722. Fax: (063) 631

LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M484-1

Contact: MR T SUMMONS

No. of Samples: 111
Date Received: 28/12/89
Date Completed: 15/01/90

Order No. ALS 013505

Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Cu ppm G001	Pb ppm G001	Zn ppm G001	As ppm G004	
TH12- 10		40	20	240	13	
TH12- 11		30	30	90	9	
TH12- 12		30	20	90	12	
TH12- 13		35	10	90	13	
TH12- 14		45	30	100	19	
TH12- 15		25	20	90	9	
TH12- 16		40	40	85	24	
TH12- 17		35	45	110	12	
TH12- 18		45	15	95	11	
TH12- 19		30	25	85	16	
TH12- 20		45	35	115	13	
TH12- 21		50	25	110	32	
TH12- 22		25	15	95	26	
TH12- 23		25	35	70	22	
TH12- 24		30	35	85	20	
TH12- 25		30	25	85	40	
TH12- 26		40	25	85	110	
TH12- 27		30	5	75	70	
TH12- 28		30	5	85	90	
TH12- 29		30	5	100	42	
TH12- 30		35	45	105	85	
TH12- 31		30	20	110	105	
TH12- 32		35	90	65	44	
TH12- 33		25	5	105	80	
TH12- 34		30	<5	100	70	
TH12- 35		25	<5	80	19	
TH12- 36		60	80	100	100	
TH13- 1		25	15	85	16	
TH13- 2		30	15	65	13	
TH13- 3		25	30	55	13	
Detection Limit:		2	5	2	1	

Comments:

Signed:

FORM ALS C

427040

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LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M484-1

Contact: MR T SUMMONS

No. of Samples: 111
Date Received: 28/12/89
Date Completed: 15/01/90

Order No. ALS 013505

Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Cu ppm G001	Pb ppm G001	Zn ppm G001	As ppm G004	
TH13- 4		30	35	45	20	
TH13- 5		35	35	95	38	
TH13- 6		35	35	80	15	
TH13- 7		40	35	75	13	
TH13- 8		35	25	65	18	
TH13- 9		55	50	105	18	
TH13- 10		45	45	25	24	
TH13- 11		30	45	35	32	
TH13- 12		20	50	30	48	
TH13- 13		25	45	85	20	
TH13- 14		45	60	110	32	
TH13- 15		15	25	70	26	
TH13- 16		20	35	60	30	
TH13- 17		10	20	60	16	
TH13- 18		10	10	35	13	
TH13- 19		10	10	50	14	
TH13- 20		10	15	40	24	
TH13- 21		10	10	30	65	
TH13- 22		10	10	30	940	
TH13- 23		25	25	55	360	
TH13- 24		15	10	35	105	
Detection Limit:		2	5	2	1	

Comments:

Signed: W Williams

FORM AL

427041

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LABORATORY REPORT

Client: PEGASUS GOLD

Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482

Contact: MR T SUMMONS

No. of Samples: 296
Date Received: 27/12/89
Date Completed: 16/01/90

Order No. 013502

Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au ppm PM209			
TOWER HILL NORTH						
TH1-0-1		0.12				
TH1- 2		0.03				
TH1- 3		0.04				
TH1- 4		0.04				
TH1- 5		0.02				
TH1- 6		0.07				
TH1- 7		<0.01				
TH1- 8		<0.01				
TH1- 9		<0.01				
TH1- 10		<0.01				
TH1- 11		<0.01				
TH1- 12		0.01				
TH1- 13		<0.01				
TH1- 14		<0.01				
TH1- 15		<0.01				
TH1- 16		<0.01				
TH1- 17		0.01				
TH1- 18		<0.01				
TH1- 19		<0.01				
TH1-20		0.40				
TH1- 21	Sw 0.58	0.21				
TH1-22		1.12				
TH1- 23		0.01				
TH1- 24		<0.01	<0.01			
TH1- 25		<0.01				
TH1- 26		<0.01				
TH1- 27		<0.01				
TH1- 28		0.07				
TH1- 29		<0.01				
TH1- 30		<0.01				
Detection Limit:		0.01				

Comments:

UNLESS NOTIFIED PULPS WILL BE DUMPED ON 27/06/90 AND SPLITS (IF ANY) ON 27/03/9

Signed: M Williams

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427042

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Phone: (063) 631 722. Fax: (063) 63

LABORATORY REPORT

Client: PEGASUS GOLD

Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482

Contact: MR T SUMMONS

No. of Samples: 296
Date Received: 27/12/89
Date Completed: 16/01/90

Order No. 013502 Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au ppm PM209			
TH1- 31		<0.01	<0.01			
TH1- 32		<0.01				
TH1- 33		<0.01				
TH1- 34		<0.01				
TH1- 35		<0.01				
TH1- 36		<0.01				
TH1- 37		<0.01				
TH1- 38		<0.01				
TH1- 39		<0.01				
TH1- 40		<0.01				
TH1- 41		<0.01				
TH1- 42		<0.01				
TH1- 43		<0.01				
TH1- 44		<0.01				
TH1- 45		<0.01				
TH1- 46		<0.01				
TH1- 47		<0.01				
TH1- 48		0.02	0.01			
TH1- 49		<0.01	<0.01			
TH1- 50		<0.01				
TH1- 51		0.11				
TH2- 1 TOWERHILL NTH.		<0.01				
TH2- 2		0.01				
TH2- 3		<0.01				
TH2- 4		<0.01				
TH2- 5		<0.01				
TH2- 6		<0.01				
TH2- 7		<0.01				
TH2- 8		<0.01				
TH2- 9		<0.01				
Detection Limit:		0.01				

Comments:

Signed: M Williamson

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LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482

Contact: MR T SUMMONS

Order No. 013502 Sample Type: DRILL CUTTINGS

No. of Samples: 296
Date Received: 27/12/89
Date Completed: 16/01/90

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au ppm PM209			
TH2- 10		<0.01				
TH2- 11		0.01				
TH2- 12		<0.01	0.01			
TH2- 13		0.01				
TH2- 14		<0.01				
TH2- 15		<0.01				
TH2- 16		0.01	<0.01			
TH2- 17		0.01				
TH2- 18		0.05				
TH2- 19		0.05				
TH2- 20		<0.01				
TH2- 21		0.01				
TH2- 22		0.02				
TH2- 23		0.04				
TH2- 24		0.01	<0.01			
TH2- 25		<0.01				
TH2- 26		<0.01				
TH2- 27		0.07				
TH2- 28		0.02				
TH2- 29		0.04				
TH2- 30		<0.01				
TH2- 31		<0.01				
TH2- 32		<0.01				
TH2- 33		<0.01				
TH2- 34		<0.01	0.01			
TH2- 35		0.02				
TH2- 36		0.02				
TH2- 37		0.07				
TH2- 38		0.09				
TH2- 39		0.04				
Detection Limit:		0.01				

Comments:

Signed: M Williams

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LABORATORY REPORT

Client: PEGASUS GOLD

Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482

Contact: MR T SUMMONS

No. of Samples: 296
Date Received: 27/12/89
Date Completed: 16/01/90

Order No. 013502 Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au ppm PM209			
TH2- 40		<0.01				
TH2- 41		0.01				
TH2- 42		0.02				
TH2- 43		0.01				
TH2- 44		0.05				
TH2- 45		0.03				
TH2- 46		0.02				
TH2- 47		0.03				
TH2- 48		<0.01	0.01			
TH2- 49		0.04				
TH2- 50		0.03				
TH2- 51		0.13	0.13			
TH2- 52		<0.01				
TH2- 53		<0.01				
TH3- 1 TOWER HILL MAIN		<0.01				
TH3- 2		0.01				
TH3- 3		0.01				
TH3- 4		<0.01				
TH3- 5		<0.01				
TH3- 6		<0.01				
TH3- 7		<0.01				
TH3- 8		<0.01	<0.01			
TH3- 9		<0.01				
TH3- 10		0.02				
TH3- 11		0.06				
TH3- 12		<0.01				
TH3- 13		<0.01				
TH3- 14		<0.01				
TH3- 15		0.02	<0.01			
TH3- 16		<0.01				
Detection Limit:		0.01				

Comments:

Signed: Williams

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Orange Laboratory
10 Leewood Drive, Orange, N.S.W. 2800
Phone: (063) 631 722. Fax: (063) 631 18

LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482

Contact: MR T SUMMONS

No. of Samples: 296
Date Received: 27/12/89
Date Completed: 16/01/90

Order No. 013502 Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au ppm PM209			
TH3- 17		<0.01				
TH3- 18		0.01				
TH3- 19		<0.01				
TH3- 20		<0.01	<0.01			
TH3- 21		<0.01				
TH3- 22		<0.01				
TH3- 23		<0.01				
TH3- 24		0.03				
TH3~~4~~ 25 {		0.14				
TH3~~5~~ 26 {		0.20				
TH3- 27		0.01				
TH3- 28		<0.01				
TH3- 29		<0.01				
TH3- 30		<0.01				
TH3- 31		<0.01				
TH3- 32		0.03	0.02			
TH3- 33		0.02				
TH3- 34		0.08				
TH3- 35		<0.01				
TH3- 36	*	0.23				
TH3- 37		<0.01				
TH3- 38		<0.01				
TH3- 39		<0.01				
TH3- 40		<0.01				
TH3- 41		0.01				
TH3- 42		<0.01				
TH3- 43		<0.01				
TH3- 44		<0.01				
TH3- 45		<0.01				
TH3- 46		<0.01				
Detection Limit:		0.01				

Comments:

Signed: Williams

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427046

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Phone: (063) 631 722. Fax: (063) 63

LABORATORY REPORT

Client: PEGASUS GOLD

Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482

Contact: MR T SUMMONS

No. of Samples: 296
Date Received: 27/12/89
Date Completed: 16/01/90

Order No. 013502 Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au ppm PM209			
TH3- 47		<0.01				
TH3- 48		<0.01	<0.01			
TH3- 49		0.02				
TH3- 50		<0.01				
TH3- 51		<0.01	<0.01			
TH8- 1 SUNBURN MAGNETIC		<0.01				
TH8- 2 ? TREND		<0.01				
TH8- 3		<0.01				
TH8- 4		<0.01				
TH8- 5		0.01				
TH8- 6 *		0.40				
TH8- 7		0.01				
TH8- 8		<0.01				
TH8- 9		<0.01				
TH8- 10		<0.01				
TH8- 11		<0.01				
TH8- 12		<0.01	<0.01			
TH8- 13		<0.01				
TH8- 14		0.02				
TH8- 15		<0.01				
TH8- 16		<0.01				
TH8- 17		<0.01				
TH8- 18		<0.01				
TH8- 19		<0.01				
TH8- 20		<0.01				
TH8- 21		<0.01				
TH8- 22		<0.01				
TH8- 23		<0.01				
TH8- 24		<0.01				
TH8- 25		<0.01				
Detection Limit:		0.01				

Comments:

Signed: M. Williamson

FORM AL

427047

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Phone: (054) 46 1390. Fax: (054) 46

Orange Laboratory
10 Leewood Drive, Orange, N.S.W. 2
Phone: (063) 631 722. Fax: (063) 63

LABORATORY REPORT

Client: PEGASUS GOLD

Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482

Contact: MR T SUMMONS

No. of Samples: 296
Date Received: 27/12/89
Date Completed: 16/01/90

Order No. 013502

Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au ppm PM209			
TH8- 26		<0.01				
TH8- 27		<0.01				
TH8- 28		<0.01				
TH8- 29		<0.01				
TH8- 30		<0.01				
TH8- 31		<0.01				
TH8- 32		<0.01	<0.01			
TH8- 33		<0.01				
TH8- 34		<0.01				
TH8- 35		<0.01				
TH8- 36		<0.01				
TH8- 37		<0.01				
TH8- 38		<0.01				
TH8- 39		<0.01				
TH8- 40		<0.01				
TH8- 41		<0.01				
TH8- 42		<0.01				
TH8- 43		<0.01				
TH8- 44		<0.01				
TH8- 45		<0.01				
TH8- 46		<0.01				
TH8- 47		<0.01				
TH8- 48		<0.01				
TH9- 1 Soil Repeat Not		<0.01				
TH9- 2		<0.01				
TH9- 3		<0.01				
TH9- 4		<0.01				
TH9- 5		<0.01				
TH9- 6		0.01				
TH9- 7		0.01				
Detection Limit:		0.01				

Comments:

Signed: Williams

FORM AL

427048

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LABORATORY REPORT

Client: PEGASUS GOLD

Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482

Contact: MR T SUMMONS

No. of Samples: 296
Date Received: 27/12/89
Date Completed: 16/01/90

Order No. 013502

Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au ppm PM209			
TH9- 8		<0.01				
TH9- 9		0.01				
TH9- 10		0.01				
TH9- 11		<0.01				
TH9- 12		<0.01	<0.01			
TH9- 13		<0.01				
TH9- 14		<0.01				
TH9- 15		0.01				
TH9- 16		0.01				
TH9- 17		0.02				
TH9- 18		0.01				
TH9- 19		<0.01	<0.01			
TH9- 20		0.01				
TH9- 21		0.02				
TH9- 22		0.01				
TH9- 23		<0.01				
TH9- 24		<0.01				
TH9- 25		<0.01				
TH9- 26		<0.01				
TH9- 27		<0.01				
TH9- 28		0.01				
TH9- 29		<0.01				
TH9- 30		<0.01				
TH9- 31		<0.01				
TH9- 32		<0.01				
TH9- 33		<0.01				
TH9- 34		<0.01				
TH9- 35		<0.01				
TH9- 36		<0.01	<0.01			
TH9- 37		0.01				
Detection Limit:		0.01				

Comments:

Signed: William K

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LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482

Contact: MR T SUMMONS

No. of Samples: 296
Date Received: 27/12/89
Date Completed: 16/01/90

Order No. 013502 Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au ppm PM209			
TH9- 38		0.01				
TH9- 39		<0.01				
TH9- 40		<0.01				
TH9- 41		<0.01				
TH9- 42		<0.01				
TH9- 43		<0.01				
TH9 41-44	*	3.11				
TH9- 45		0.01	<0.01			
1/2 280. TH10- 1 Sub Composited		0.01				
TH10- 2		0.01				
TH10- 3		0.02				
TH10- 4		0.01				
TH10- 5		0.15				
TH10- 6		<0.01				
TH10- 7		<0.01				
TH10- 8		<0.01				
TH10- 9		0.01				
TH10- 10		<0.01				
TH10- 11		0.01				
TH10- 12		0.20	0.21			
TH10- 13	Au-	0.35				
TH10- 14	Hence 0.41	0.81				
TH10- 15		0.28				
TH10- 16		0.06	0.03			
TH10- 17		<0.01				
TH10- 18		0.02				
TH10- 19		<0.01				
TH10- 20		<0.01				
TH10- 21		<0.01				
TH10- 22		<0.01				
Detection Limit:		0.01				

Comments:

Signed: [signature]

FORM AL.

427050

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Orange Laboratory
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Phone: (063) 631 722. Fax: (063) 631

LABORATORY REPORT

Client: PEGASUS GOLD

Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M482

Contact: MR T SUMMONS

No. of Samples: 296
Date Received: 27/12/89
Date Completed: 16/01/90

Order No. 013502 Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au ppm PM209			
TH10- 23		<0.01				
TH10- 24		0.01				
TH10- 25		<0.01				
TH10- 26		0.01				
TH10- 27		<0.01				
TH10- 28		<0.01				
TH10- 29		<0.01				
TH10- 30		0.01				
TH10- 31		0.23				
TH10- 32	2nd 0.26	0.30				
TH10- 33		0.01				
TH10- 34		0.02	0.02			
TH10- 35		<0.01				
TH10- 36		<0.01	<0.01			
TH10- 37		<0.01				
TH10- 38		0.03				
TH10- 39		0.01				
TH10- 40		0.02				
TH10- 41		0.01				
TH10- 42		0.01				
TH10- 43		0.01				
TH10- 44		<0.01				
TH10- 45		<0.01				
TH10- 46		0.01				
TH10- 47		<0.01				
TH10- 48		<0.01	<0.01			
Detection Limit:		0.01				

Comments:

Signed: Williams

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427051

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LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Page 1 of 7

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-8 FEB 1990
Ans'd .....

Batch Number: M475

Contact: MR T SUMMONS

No. of Samples: 189
Date Received: 20/12/89
Date Completed: 10/01/90

Order No. 13439

Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	AU(R) ppm CHECKS			
TH4 1 TAURUS MAN		0.01				
TH4 2		0.01				
TH4 3		0.01				
TH4 4		0.01				
TH4 5		<0.01				
TH4 6		<0.01				
TH4 7		0.01				
TH4 8		<0.01				
TH4 9		<0.01				
TH4 10		<0.01				
TH4 11		<0.01				
TH4 12		<0.01	<0.01			
TH4 13		<0.01				
TH4 14		<0.01				
TH4 15		0.01				
TH4 16		<0.01				
TH4 17		<0.01				
TH4 18		<0.01	<0.01			
TH4 19		<0.01				
TH4 20		<0.01				
TH4 21		<0.01				
TH4 22		<0.01				
TH4 23		<0.01				
TH4 24		<0.01	<0.01			
TH4 25		<0.01				
TH4 26		<0.01				
TH4 27		0.01				
TH4 28		0.01				
TH4 29		0.01				
TH4 30		0.04				
Detection Limit:		0.01				

Comments:

UNLESS NOTIFIED PULPS WILL BE DUMPED ON 20/06/90 AND SPLITS (IF ANY) ON 20/03/9

Signed: G. Dunn

FORM AL

427052

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10 Leewood Drive, Orange, N.S.W. 2
Phone: (063) 631 722. Fax: (063) 63

LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M475

Contact: MR T SUMMONS

No. of Samples: 189
Date Received: 20/12/89
Date Completed: 10/01/90

Order No. 13439 Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au(R) ppm CHECKS			
TH4 31		0.01				
TH4 32		<0.01				
TH4 33		<0.01				
TH4 34		<0.01				
TH4 35		<0.01	<0.01			
TH4 36		0.02				
TH4 37		0.05				
TH4 38		0.01				
TH4 39		<0.01				
TH4 40		<0.01				
TH4 41		<0.01				
TH4 42		<0.01				
TH4 43		0.04				
TH4 44		0.04				
TH4 45		<0.01				
TH4 46		<0.01				
TH4 47		<0.01				
TH4 48	Lunch-time	0.30				
TH4 49		0.15				
TH4 50		0.01				
TH4 51		0.05				
TH5 1	Cox's Discount's	0.04				
TH5 2		0.08				
TH5 3		0.03				
TH5 4		0.02				
TH5 5		<0.01				
TH5 6		<0.01				
TH5 7		0.04				
TH5 8		0.10				
TH5 9		0.04				
Detection Limit:		0.01				

Comments:

Signed: G. Quinn

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427053

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LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M475

Contact: MR T SUMMONS

No. of Samples: 189
Date Received: 20/12/89
Date Completed: 10/01/90

Order No. 13439 Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au(R) ppm CHECKS			
TH5 10		0.01				
TH5 11		0.02				
TH5 12		<0.01	0.01			
TH5 13		0.01				
TH5 14		0.02				
TH5 15		<0.01				
TH5 16		0.01				
TH5 17		<0.01	<0.01			
TH5 18		<0.01				
TH5 19		0.01				
TH5 20		<0.01				
TH5 21		<0.01				
TH5 22		0.01				
TH5 23		0.01				
TH5 24		0.03				
TH5 25		0.02				
TH5 26		0.01				
TH5 27		<0.01				
TH5 28		<0.01				
TH5 29		<0.01				
TH5 30		<0.01				
TH5 31		<0.01				
TH5 32		0.01				
TH5 33		0.01	0.02			
TH6 1 STEVES CREEK		<0.01				
TH6 2		<0.01	<0.01			
TH6 3		<0.01				
TH6 4		<0.01				
TH6 5		0.03				
TH6 6		<0.01				
Detection Limit:		0.01				

Comments:

Signed: G. Lamm

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Phone: (063) 631 722. Fax: (063) 63

LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M475

Contact: MR T SUMMONS

No. of Samples: 189
Date Received: 20/12/89
Date Completed: 10/01/90

Order No. 13439 Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au(R) ppm CHECKS			
TH6 7		0.08				
TH6 8		<0.01				
TH6 9		<0.01				
TH6 10		<0.01				
TH6 11		<0.01				
TH6 12		<0.01	<0.01			
TH6 13		0.02				
TH6 14		<0.01				
TH6 15		0.02				
TH6 16		0.04				
TH6 17		0.11				
TH6 18	3m @ 0.10 g/t	0.08				
TH6 19		0.08	0.13			
TH6 20		<0.01				
TH6 21		0.04				
TH6 22		0.01				
TH6 23		<0.01				
TH6 24		<0.01				
TH6 25		<0.01				
TH6 26		<0.01				
TH6 27		<0.01				
TH6 28		0.05				
TH6 29		0.08				
TH6 30		0.23				
TH6 31	3m @ 0.13	0.05				
TH6 32		0.10				
TH6 33		0.04				
TH6 34		0.02				
TH6 35		<0.01	0.01			
TH6 36		<0.01	0.01			
Detection Limit:		0.01				

Comments:

Signed: G. Chan

427055

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LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M475

Contact: MR T SUMMONS

No. of Samples: 189
Date Received: 20/12/89
Date Completed: 10/01/90

Order No. 13439 Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au(R) ppm CHECKS			
TH6 37		0.04				
TH6 38		<0.01				
TH6 39		0.01				
TH6 40	*	0.55				
TH6 41	Ave 0.22	<0.01				
TH6 42		0.10				
TH6 43		<0.01				
TH6 44		0.02				
TH6 45		0.01				
TH6 46		0.01				
TH6 47		<0.01				
TH6 48		<0.01	<0.01			
TH6 49		<0.01				
TH6 50		<0.01				
TH6 51		<0.01				
TH6 52		<0.01				
TH6 53		<0.01				
TH6 54		0.02	<0.01			
TH7 1	Cox's MAGNETIC LOW	<0.01				
TH7 2		<0.01				
TH7 3		<0.01				
TH7 4		0.04				
TH7 5		0.02				
TH7 6		0.02				
TH7 7		0.01				
TH7 8		0.02				
TH7 9		<0.01				
TH7 10		<0.01				
TH7 11		0.01				
TH7 12	*	0.25				
Detection Limit:		0.01				

Comments:

Signed: G. Cummins

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LABORATORY REPORT

Client: PEGASUS GOLD

Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M475

Contact: MR T SUMMONS

No. of Samples: 189
Date Received: 20/12/89
Date Completed: 10/01/90

Order No. 13439 Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au(R) ppm CHECKS			
TH7 13		0.01				
TH7 14		0.01				
TH7 15		<0.01				
TH7 16		<0.01				
TH7 17		<0.01				
TH7 18		0.02	0.01			
TH7 19		0.02				
TH7 20		0.02				
TH7 21		0.05				
TH7 22		0.08				
TH7 23		0.02				
TH7 24		0.01				
TH7 25		0.01				
TH7 26		<0.01				
TH7 27		<0.01				
TH7 28		<0.01				
TH7 29		0.05				
TH7 30		0.01	0.01			
TH7 31		0.02				
TH7 32		0.02				
TH7 33		0.03				
TH7 34		0.06				
TH7 35		<0.01	0.02			
TH7 36		0.03				
TH7 37		<0.01				
TH7 38	*	1.10				
TH7 39		0.01				
TH7 40		<0.01				
TH7 41		0.01				
TH7 42		<0.01	<0.01			
Detection Limit:		0.01				

Comments:

Signed: G. Chum

FORM AL

427057

Australian Laboratory Services PTY. LTD.

CONSULTING ANALYTICAL CHEMISTS

INCORPORATED IN QUEENSLAND

Brisbane Head Office and Laboratory
32 Shand Street, Stafford, Q. 4053
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Fax: (07) 352 5109.

Perth Laboratory
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Townsville Laboratory
21 Bombala Street, Garbutt, Q. 4814.
Phone: (077) 79 6155. Fax: (077) 799 729.

Charters Towers Laboratory
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Phone: (077) 87 4155. Fax (077) 87 4

Bendigo Laboratory
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Phone: (054) 46 1390. Fax: (054) 46

Orange Laboratory
10 Leewood Drive, Orange, N.S.W. 2
Phone: (063) 631 722. Fax: (063) 63

LABORATORY REPORT

Client: PEGASUS GOLD

Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M475

Contact: MR T SUMMONS

No. of Samples: 189

Order No. 13439 Sample Type: DRILL CUTTINGS

Date Received: 20/12/8

Date Completed: 10/01/9

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au(R) ppm CHECKS			
TH7 43		<0.01				
TH7 44		<0.01				
TH7 45		<0.01				
TH7 46		<0.01				
TH7 47		<0.01				
TH7 48		<0.01				
TH7 49		<0.01				
TH7 50		<0.01				
TH7 51		<0.01	0.01			
Detection Limit:		0.01				

Comments:

Signed: G. Cumm

FORM AL

427058

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Phone: (063) 631 722. Fax: (063) 63

LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M484

Contact: MR T SUMMONS

No. of Samples: 111
Date Received: 28/12/89
Date Completed: 15/01/90

Order No. 013505

Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au(R) ppm CHECKS
~250 TH11- 1	SURFACE MAP	<0.01	
TH11- 2		0.01	
TH11- 3		<0.01	
TH11- 4		<0.01	
TH11- 5		<0.01	
TH11- 6		<0.01	
TH11- 7		<0.01	
TH11- 8		<0.01	
TH11- 9		<0.01	
TH11- 10		0.02	
TH11- 11		<0.01	
TH11- 12		<0.01	0.01
TH11- 13		<0.01	
TH11- 14		<0.01	
TH11- 15		0.01	
TH11- 16		<0.01	
TH11- 17		<0.01	
TH11- 18		<0.01	
TH11- 19		<0.01	
TH11- 20		<0.01	
TH11- 21		<0.01	
TH11- 22		<0.01	
TH11- 23		0.01	
TH11- 24		0.02	<0.01
TH11- 25		<0.01	
TH11- 26		<0.01	
TH11- 27		<0.01	
TH11- 28		<0.01	
TH11- 29		<0.01	
TH11- 30		<0.01	
Detection Limit:		0.01	

23 JAN 1990

Comments:

UNLESS NOTIFIED PULPS WILL BE DUMPED ON 28/06/90 AND SPLITS (IF ANY) ON 28/03/90

Signed: W Williams

FORM ALS

427059

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CONSULTING ANALYTICAL CHEMISTS

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Orange Laboratory
10 Leewood Drive, Orange, N.S.W. 2
Phone: (063) 631 722. Fax: (063) 63

LABORATORY REPORT

Client: PEGASUS GOLD

Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M484

Contact: MR T SUMMONS

No. of Samples: 111
Date Received: 28/12/89
Date Completed: 15/01/90

Order No. 013505

Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au(R) ppm CHECKS			
TH11- 31		<0.01				
TH11- 32		<0.01				
TH11- 33		<0.01				Ave
TH11- 34		1.79	3.55	-	-	2.67
TH11- 35	3m @ 2.87 g/t Au	0.63	0.81	-	-	0.72
TH11- 36		4.54	12.0	1.93	2.46	5.23
TH11- 37		0.02				
TH11- 38		0.02				
TH11- 39		0.02				
TH11- 40		<0.01				
TH11- 41		0.02				
TH11- 42	x	0.18				
TH11- 43		0.02				
TH11- 44		0.01				
TH11- 45		<0.01				
TH11- 46		0.03				
TH11- 47		0.01				
TH11- 48		0.01	0.01			
TH11- 49		<0.01				
TH11- 50		<0.01				
TH11- 51		<0.01				
TH12- 1 SURFACE MAIN		<0.01				
TH12- 2		<0.01				
TH12- 3		<0.01				
TH12- 4		<0.01				
TH12- 5		<0.01				
TH12- 6		<0.01				
TH12- 7		<0.01				
TH12- 8		<0.01				
TH12- 9		<0.01				
Detection Limit:		0.01				

Comments:

Signed: Williams

FORM AL

427060

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Orange Laboratory
10 Leewood Drive, Orange, N.S.W. 28
Phone: (063) 831 722. Fax: (063) 631

LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M484

Contact: MR T SUMMONS

No. of Samples: 111
Date Received: 28/12/89
Date Completed: 15/01/90

Order No. 013505 Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au(R) ppm CHECKS			
TH12- 10		<0.01				
TH12- 11		<0.01				
TH12- 12		<0.01				
TH12- 13		<0.01				
TH12- 14		<0.01				
TH12- 15		0.01				
TH12- 16		<0.01	<0.01			
TH12- 17		<0.01				
TH12- 18		<0.01				
TH12- 19		<0.01				
TH12- 20		0.01				
TH12- 21		<0.01	<0.01			
TH12- 22		0.04				
TH12- 23	*	0.20				
TH12- 24		0.02				
TH12- 25		<0.01				
TH12- 26		0.02				
TH12- 27		<0.01				
TH12- 28		0.01				
TH12- 29		<0.01				
TH12- 30		0.01				
TH12- 31		<0.01				
TH12- 32		0.01				
TH12- 33		0.02	<0.01			
TH12- 34		0.03				
TH12- 35		0.01				
TH12- 36		<0.01				
~190° TH13- 1 SUNBEAM MAN		<0.01				
TH13- 2		0.02				
TH13- 3		0.02				
Detection Limit:		0.01				

Comments:

Signed: William

FORM ALS

427061

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Phone: (063) 631 722. Fax: (063) 631

LABORATORY REPORT

Client: PEGASUS GOLD

Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: M484

Contact: MR T SUMMONS

No. of Samples: 111
Date Received: 28/12/89
Date Completed: 15/01/90

Order No. 013505

Sample Type: DRILL CUTTINGS

SAMPLE NUMBER	Element Unit Method	Au ppm PM209	Au(R) ppm CHECKS			
TH13- 4	*	0.16				
TH13- 5		0.09				
TH13- 6		0.02				
TH13- 7		0.02				
TH13- 8		0.03				
TH13- 9		0.40	0.39			
TH13- 10	Sn→0.71 54.	0.22				
TH13- 11		0.32		Sn→0.27 54.		
TH13- 12		0.02				
TH13- 13		0.17				
TH13- 14		0.01				
TH13- 15		0.01				
TH13- 16		0.02				
TH13- 17		0.02				
TH13- 18		<0.01				
TH13- 19		<0.01				
TH13- 20		<0.01				
TH13- 21		<0.01				
TH13- 22		0.03				
TH13- 23		0.01				
TH13- 24		0.05				
Detection Limit:		0.01				

Comments:

Signed: Williams

FORM ALS

427062

Australian Laboratory Services PTY. LTD.

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INCORPORATED IN QUEENSLAND

LABORATORY REPORT

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Orange Laboratory
10 Leewood Drive, Orange, N.S.W. 2
Phone: (063) 631 722. Fax: (063) 631

765

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: C406

Contact: MR T SUMMONS

No. of Samples: 42
Date Received: 01/03/90
Date Completed: 13/03/90

Order No. VERBAL Sample Type: DRILL

SAMPLE NUMBER	Element Unit Method	Au ppm +150#	S. Wt Grams +150#	Au ppm -150#	Au ppm -150#	S. Wt Grams -150#
TH1 19-20		0.36	9.50	0.38	0.44	90.50
TH1 20-21		0.05	8.50	0.02	0.03	91.50
TH1 21-22		0.69	6.50	0.68	0.78	93.50
TH2 50-51		0.74	6.50	0.13	0.22	93.50
TH3 24-25		0.09	5.50	0.11	0.13	94.50
TH3 25-26		0.02	6.50	0.03	0.02	93.50
TH3 33-34		0.15	10.00	0.13	0.11	90.00
TH3 34-35		0.82	4.00	0.02	0.04	96.00
TH3 35-36		0.16	5.50	0.23	0.28	94.50
TH4 47-48		0.01	6.50	0.02	0.01	93.50
TH4 48-49		0.03	5.41	0.01	0.01	94.59
TH5 7-8		0.04	7.00	0.03	0.03	93.00
TH6 16-17		0.01	9.50	0.01	0.01	90.50
TH6 17-18		0.02	9.30	0.01	0.01	90.70
TH6 18-19		0.02	7.60	0.01	0.01	92.40
TH6 29-30		0.01	8.70	0.01	0.01	91.30
TH6 30-31		0.03	9.50	0.01	0.01	90.50
TH6 31-32		0.02	9.40	0.01	0.01	90.60
TH6 39-40		0.02	9.40	0.01	0.01	90.60
TH7 11-12		0.75	9.10	0.08	0.10	90.90
TH7 37-38		4.60	7.20	0.12	0.11	92.80
TH8 5-6		0.03	9.80	0.01	0.01	90.20
TH9 43-44		0.05	9.60	0.02	0.02	90.40
TH10 4-5		0.01	8.60	0.01	0.01	91.40
TH10 11-12		0.12	9.30	0.20	0.22	90.70
TH10 12-13		0.19	9.50	0.43	0.48	90.50
TH10 13-14		13.80	9.40	0.93	0.80	90.60
TH10 14-15		17.10	9.40	0.53	0.90	90.60
TH10 30-31		0.18	9.20	0.25	0.14	90.80
TH10 31-32		0.09	9.90	0.42	0.39	90.10
Detection Limit:						

Comments: 1kg 2 sample crushed/grams thereof with ref. 2 remove remain (— Note from Bottle 1k Sample).

UNLESS NOTIFIED PULPS WILL BE DUMPED ON 01/09/90 AND SPLITS (IF ANY) ON 01/06/9

Signed: A.T. Tillayan.

FORM AL

427063

Australian Laboratory Services PTY. LTD.
INCORPORATED IN QUEENSLAND

CONSULTING ANALYTICAL CHEMISTS

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Phone: (063) 631 722. Fax: (063) 63

LABORATORY REPORT

Client: PEGASUS GOLD
Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: C406

Contact: MR T SUMMONS

No. of Samples: 42
Date Received: 01/03/90
Date Completed: 13/03/90

Order No. VERBAL Sample Type: DRILL

SAMPLE NUMBER	Element Unit Method	Au ppm Total	Au Original			
TH1 19-20		0.41	0.40			
TH1 20-21		0.03	0.21			
TH1 21-22		0.73	1.12			
TH2 50-51		0.21	0.13			
TH3 24-25		0.12	0.14			
TH3 25-26		0.02	0.20			
TH3 33-34		0.12	0.08			
TH3 34-35		0.06	<0.01			
TH3 35-36		0.25	0.23			
TH4 47-48		0.01	0.30			
TH4 48-49		0.01	0.15			
TH5 7-8		0.03	0.10			
TH6 16-17		0.01	0.11			
TH6 17-18		0.01	0.08			
TH6 18-19		0.01	0.10			
TH6 29-30		0.01	0.23			
TH6 30-31		0.01	0.05			
TH6 31-32		0.01	0.10			
TH6 39-40		0.01	0.55			
TH7 11-12		0.15	0.25			
TH7 37-38		0.44	1.10			
TH8 5-6		0.01	0.40			
TH9 43-44		0.02	3.11			
TH10 4-5		0.01	0.15			
TH10 11-12		0.20	0.20			
TH10 12-13		0.43	0.35			
TH10 13-14		2.08	0.81			
TH10 14-15		2.26	0.29			
TH10 30-31		0.19	0.23			
TH10 31-32		0.37	0.30			
Detection Limit:						

Comments:

Signed: S Sivapalan.

FORM AL

427064

Australian Laboratory Services PTY. LTD.

INCORPORATED IN QUEENSLAND

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Phone: (063) 631 722. Fax: (063) 631

LABORATORY REPORT

Client: PEGASUS GOLD

Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: C406

Contact: MR T SUMMONS

No. of Samples: 42

Order No. VERBAL

Sample Type: DRILL

Date Received: 01/03/90

Date Completed: 13/03/90

SAMPLE NUMBER	Element / Unit / Method	Au ppm +150#	S.Wt Grams +150#	Au ppm -150#	Au ppm -150#	S.Wt Grams -150#
TH11 33-34		7.50	9.80	3.86	3.99	90.20
TH11 34-35		0.29	10.00	0.78	0.79	90.00
TH11 35-36		12.10	9.50	2.39	3.97	90.50
TH12 22-23		5.40	8.60	0.23	0.22	91.40
TH13 3-4		0.07	7.80	0.11	0.11	92.20
TH13 4-5		0.28	10.00	0.06	0.15	90.00
TH13 8-9		0.14	9.40	0.24	0.21	90.60
TH13 9-10		0.03	9.60	0.05	0.06	90.40
TH13 10-11		0.01	9.80	0.48	0.20	90.20
TH13 11-12		0.01	8.70	0.05	0.06	91.30
TH13 12-13		0.03	8.70	0.11	0.12	91.30
BC1 34		5.26	26.00	3.44	3.40	74.00
Detection Limit:						

Comments:

Signed: A. Finlayson.

FORM ALS

427065

Australian Laboratory Services PTY. LTD.

CONSULTING ANALYTICAL CHEMISTS

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LABORATORY REPORT

Client: PEGASUS GOLD

Address: 63 EXHIBITION STREET
MELBOURNE
VIC 3000

Batch Number: C406

Contact: MR T SUMMONS

No. of Samples: 42

Order No. VERBAL

Sample Type: DRILL

Date Received: 01/03/90

Date Completed: 13/03/90

SAMPLE NUMBER	Element Unit Method	Au ppm Total	Au Original			
TH11 33-34		4.28	1.79			
TH11 34-35		0.74	0.63			
TH11 35-36		4.03	4.54			
TH12 22-23		0.67	0.20			
TH13 3-4		0.11	0.16			
TH13 4-5		0.12	0.09			
TH13 8-9		0.22	0.40			
TH13 9-10		0.05	0.22			
TH13 10-11		0.31	0.32			
TH13 11-12		0.05	0.02			
TH13 12-13		0.11	0.17			
BC1 34		3.90	5.30			
Detection Limit:						

Comments:

Signed: A.A. Finlayson

FORM ALS

427066

ANALABS

427067

A division of MacDonald Hamilton & Co. Pty. Ltd
Phone (09) 458 7999 52 Murray Road, Welshpool, W.A. 6106 Telex AA92560

ANALYTICAL REPORT No. 099

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

ORDER No.	PROJECT

Pegasus Gold Australia Ltd.
C/- K.D. Morrison P/L (Palfreyman Hall)
340 Elizabeth Street
Hobart Tasmania 7000

DATE RECEIVED	RESULTS REQUIRED
18/12/89	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No OF COPIES	TOTAL No. OF SAMPLES
2	04/01/90	1	22

STATE OF SAMPLES	PRE-TREATMENT								ANALYSIS		
REFER BELOW	SAMPLE NUMBERS	DRY	CRUSH	SPLIT	PULVERISE	SIEVE	OTHER SEE REMARKS	NONE	REFER TO ANALYSIS SECTION	PREPARATION	METHOD
	Various	RO	Prep: 006,010,011,012,013,018						Au,FaChk/30g		
	Various	RO							As/114		
	Various	RO							As/101		

REMARKS

RESULTS TO

Pegasus Gold Australia Ltd.
C/- K.D. Morrison P/L (Palfreyman Hall)
340 Elizabeth Street
Hobart Tasmania 7000

RESULTS TO

STATE OF SAMPLES		ANALYSIS — PREPARATION				ANALYSIS — METHOD	
whole core	WC	perchloric acid	A1	cold acid	CA	atomic absorbtion	AAS
split core	SC	hydrochloric acid	A2	specific sulphide	SS	x-ray fluorescence	XRF
cutting	CU	nitric acid	A3	other mixed acids	Ma	spectrophotomerry	SPEC
rock	Ro	aqua regia	A4	alkaline attack	AA	colorimetry	COL
soil	SO	nitric-perchloric	A5	volatilization	VO	chromatography	CHR
pulp	PU	HF mixture	A6	ignition	IG	titration	TTN
water	WA	HF under pressure	A7	pressed powder (XRF)	PP	other chemicals means	CHEM
tissue	TI	fusion	A8	glass fusion (XRF)	GF	miscellaneous	MISC
stream sediment	SS					fluorescence	FLUOR
heavy mineral	HM					inductively coupled plasma	ICP

AUTHORISED OFFICER

ANALABS

427068

A Division of Analytical Exploration and Testing Services (Australia) Pty. Ltd.

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER NO.	PAGE
303	999.24.08.06736	04/01/89		1 OF 2

SEQ NO	SAMPLE No	Au	AuChk	As	As						
1	AR 01	0.012	<0.008	–	12						
2	AR 02	0.014	–	–	6						
3	AR 03	0.009	–	–	<1						
4	AR 04	0.083	–	–	100						
5	AR 05	0.014	–	–	8						
6	AR 06	0.020	–	–	28						
7	AR 07	0.044	–	–	98						
8	AR 08	0.027	–	–	37						
9	BR 01	42.300	42.200	–	100						
10	BR 02	0.256	1.546	–	100						
11	BR 03	0.383	–	1900	>100						
12	BR 04	0.331	–	–	17						
13	BR 05	0.070	–	–	93						
14	BR 06	0.399	–	–	4						
15	BR 07	34.300	46.500	150	>100						
16	CR 01	3.870	2.010	–	49						
17	CR 02	0.134	–	–	52						
18	CR 03	<0.008	–	–	14						
19	MCF 02	<0.008	–	–	4						
20	MCF 03	<0.008	–	350	>100						
21	MCF 04	<0.008	<0.008	–	<1						
22	MCF 05	<0.008	–	–	4						
23	RR 01	0.692	1.507	–	20						
24	RR 02	11.200	11.510	300	>100						
25	TER 17	0.410	0.442	150	>100						

Results in ppm unless otherwise specified
– element present but concentration too low to measure
< detection concentration is below detection limit
– element not determined

ALTHOUGH DUE CARE IS EXERCISED IN THE PREPARATION OF REPORTS, THE LABORATORY WILL NOT BE LIABLE FOR ANY LOSS OR DAMAGE HOWSOEVER ARISING FROM ANY OPINION OR INTERPRETATION MADE BY ANY OF ITS OFFICERS OR EMPLOYEES.

ANALABS

427069

ANALYTICAL DATA

SAMPLES	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
9	999.24.08.06701	19/12/89		1 OF 1

LINE No.	SAMPLE No.	Au	AuChk	As	As
1	TFR01	0.035	–	800	>100
2	TFR02	0.036	–	–	64
3	TFR03	0.365	–	–	19
4	TFR04	0.010	–	–	20
5	TFR05	0.010	–	–	11
6	TFR06	1.339	–	–	58
7	TFR07	0.202	–	–	20
8	TFR08	1.335	–	–	46
9	TFR09	0.048	–	–	58
10	TFR10	0.033	–	–	39
11	TFR11	0.080	–	–	70
12	TFR12	0.041	0.046	350	>100
13	TFR13	0.048	–	–	9
14	TFR14	0.249	–	–	78
15	TFR15	0.012	–	–	19
16	TFR16	3.830	2.946	–	7
17					
18					
19					
20					
21					
22					
23	DETECTION	0.008	0.008	100	1
24	UNITS	ppm	ppm	ppm	ppm
25	METHOD	309	309	101	114

Results in ppm unless otherwise specified
T = possible result but concentration too low to measure
X = assumed concentration is below detection limit
– = sample not determined

AUTHORISED OFFICER

102

ANALABS

427070

A division of MacDonald Hamilton & Co. Pty. Ltd.
Phone (09) 458 7999
52 Murray Road, Welshpool, W.A. 6106
FAX: 004 31 8890
Telex AA92560

ANALYTICAL REPORT No. 427070

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

ORDER No.	PROJECT

K.C. Morrison Pty. Ltd.
Pedreyman Arcade
340 Elizabeth Street
Hobart Tas 7000

DATE RECEIVED	RESULTS REQUIRED
01/12/89	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
1	19/12/89	1	16

STATE OF SAMPLES	PRE-TREATMENT								ANALYSIS			
REFER BELOW	SAMPLE NUMBERS	DRY	CRUSH	SPLIT	PULVERISE	SIEVE	OTHER SEE REMARKS	NONE	REFER TO ANALYSIS SECTION	PREPARATION	METHOD
	KTFR,01/16	RC	Prep: 006,010,011,012,013,016						Au,AuCh1/309		
	KTFR,01/16	RC							As/114		
	KTFR,01/16	RC							As/101		

REMARKS

RESULTS TO

K.C. Morrison Pty. Ltd.
Pedreyman Arcade
340 Elizabeth Street
Hobart Tas 7000

RESULTS TO

STATE OF SAMPLES		ANALYSIS — PREPARATION				ANALYSIS — METHOD	
whole core	WC	perchloric acid	A1	cold acid	CA	atomic absorption	AAS
split core	SC	hydrochloric acid	A2	specific sulphide	SS	x-ray fluorescence	XRF
cutting	CU	nitric acid	A3	other mixed acids	Ma	spectrophotometric	SPEC
rock	Ro	aqua regia	A4	alkaline attack	AA	colorimetry	COL
soil	SO	nitric-perchloric	A5	volatilization	VO	chromatography	CHR
pulp	PU	HF mixture	A6	ignition	IG	titration	TTN
water	WA	HF under pressure	A7	pressed powder (XRF)	PP	other chemicals means	CHEM
tissue	TI	fusion	A8	glass fusion (XRF)	GF	miscellaneous	MISC
stream sediment	SS					fluorescence	FLUOR
heavy mineral	HM					inductively coupled plasma	ICP

AUTHORISED OFFICER

1001

ANALABS

427071

A Division of Acheson Inspection and Testing Services (Canada) Ltd.

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORD.	PAGE
209	999.24.08.06736	04/01/89		2 OF 2

TUBE No	SAMPLE No	Au	AuChk	As	Ag
1	TFR 18	0.028	-	300	>100
2	TWR 01	0.923	-	150	>100
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
	AuChk/30% on sample number BR 02 was 0.449				
	possible cause of result free gold				
	DETECTION	0.008	0.008	100	1
	UNITS	ppm	ppm	ppm	ppm
	METHOD	309	309	101	114

Results in ppm unless otherwise specified
- element present, but concentration too low to measure
- element concentration is below detection limit
- element not determined

AUTHORISED SIGNATURE

PEGASUS GOLD AUSTRALIA LTD — SAMPLE LOG SHEET — 427072

Tenement: EL 5583	Location/Site: WEST CAD 10SDN, 875E, TH #1, AZ 060mag. DEC -50°	Sample Type: R.C. DRILL CUTTINGS	Sampled by: (Date)	Assay Specifications
Project: TOWER HILL			Logged by: GREG CLOM (Date) 2/12/89	

Sample Number	Lith-ology	Colour	Grain Size	Structure	% Vein Qtz	Alteration Mineral'n	Description / Comments	Au	As	Cu	Pb
0-1m	SST	LT BRN	F			WEATHERED	COM ARG MTX & COARSE QTZ GRAN DUE TO ROD CONTAMINATION FROM PRIOR DRILLING AT TONGONA.	.12	45	580	[illegible]
1-2m	SST	"	"			"	A/A, DRILLING RETURNS GOOD, CONTAMINATED SAMPLE	.03	5	45	7
2-3m	SST	LT BRN, ORN	"		10	"	SLIGHTLY ARG MTX, NO CONTAMINATION	.04	7	15	30
3-4m	SST	" "	"		"	"	A/A.	.04	5	20	22
4-5m	SST	LT-M GY	"				BELOW WEATHERED LAYER	.02	6	15	25
5-6m	SST	"	"		5			.07	3	10	10
6-7m	SST	"	"	PLATY CLEAVAGE		5% FE STAIN TRACE WHITE MICA	FE STAIN IN CLEAVED SST, POSSIBLE FRACTURES. LOST CIRCULATION - POOR SAMPLE RETURNS, ADD WATER & FOAM TO PLUG HOLE.	<.01	4	35	30
7-8m	SST	"	"	PLATY			RETURNS WET, POSSIBLE FRACTURES.	<.01	5	25	25
8-9m	SST	"	"			TR KAOL.	RETURNS DRY	<.01	5	110	80
9-10m	SST	"	"		20.	10% FE STAIN	RETURNS WET, POSSIBLE FRACTURES.	<.01	4	30	30
10-11m	SST	"	"		80.	5% FE STAIN TR WH MICA	RETURNS WET	<.01	6	25	30
11-12m	SST	LT GY	"		10.	TR HAEM STAIN & KAOL	RETURNS DRY, POH FOR BIT TRIP.	.01	3	10	15
12-13m	90% SST	LT GY, RD	"			20% HAEM STAIN,	RETURNS DRY	<.01	4	15	25
	10% SL	M GY-DK GY									
13-14m	95% SST	LT GY, RD	F			20% HAEM STAIN	(ALL RETURNS DRY UNLESS STATED OTHERWISE)	<.01	9	10	10
	5% SL	M GY-DK GY									
14-15m	SST	LT GY, RD	F		10,	20% HAEM STAIN		<.01	8	10	10
15-16m	SST	LT GY	"		20	TR HAEM STAIN, TR WH MICA		<.01	6	5	5
16-17m	SST	"	"		5	TR HAEM STAIN, TR WH MICA		.01	7	10	10
17-18m	SST	"	"		60	TR HAEM STAIN, TR WH MICA		<.01	20	5	5
18-19m	SST	"	"		10	TR KAOL INCL.		<.01	22	5	5
19-20m	SST	"	"		5	COM FE STAIN	POSSIBLE FRACTURES.	.46	75	15	10
20-21m	SST	"	"		40	TR FE STAIN, TR WH MICA		.21	17	10	10
21-22m	SST	LT GY, LT BRN	"		30	COM FE STAIN, TR KAOL	RETURNS WET, POSSIBLE FRACTURES.	1.12	26	35	15
22-23m	SST	LT GY	"		5	COM KAOL INCL		.61	11	25	35
23-24m	SST	"	"		80	TR HAEM STN, WH MICA, COM KAOL INCL.		<.01	5	10	15

PEGASUS GOLD AUSTRALIA LTD — SAMPLE LOG SHEET — 427073

Tenement: EL 55/83	Location/Site	Sample Type	Sampled by: (Date)	Assay Specifications
Project: TOWER HILL	TH #1	RC DRILL CUTTINGS	Logged by: GREG GLOVER (Date) 2/12/89	

Sample Number	Lithology	Colour	Grain Size	Structure	% Vein Qtz	Alteration Mineral'n	Description / Comments	Au	As	Cu	Pb	Zn
24-25m	SST	LT GY, RD	F			60% HAEM STAIN		<.01	11	10	15	30
25-26m	SST	"	"	PLATY CLEAVAGE		70% HAEM STAIN		<.01	12	10	20	40
26-27m	50% SST	"	"			40% HAEM STN, TR KAOL INCL		<.01	22	20	10	60
	50% SL	DK GY, RD				TR HAEM STN						
27-28m	SST	LT GY	F		40	TR KAOL INCL		.02	110	5	5	20
28-29m	50% SST	"	"			TR KAOL INCL		<.01	18	25	25	70
	50% SL	M-DK GY										
29-30m	SL	"						<.01	6	15	20	50
30-31m	SST	LT GY	F		5	TR WH MICA		<.01	4	10	5	30
31-32m	SST	LT-M GY	VF-F	PLATY CLEAVAGE		TR WH MICA		<.01	3	5	10	30
32-33m	SST	"	"	"		"		<.01	7	15	10	40
33-34m	SST	LT GY	F		30			<.01	5	10	15	30
34-35m	SL	LT GY-GY GRN						<.01	4	35	10	120
35-36m	SL	"						<.01	6	35	10	110
36-37m	SL	"						<.01	5	55	15	115
37-38m	SL	"						<.01	5	100	45	90
38-39m	SL	LT GY-GY GRN, DK GY				TR KAOL INCL		<.01	4	45	35	110
39-40m	SL	LT GY-GY GRN				TR NOD PYR	POSSIBLY AUTHIGENIC PYRITE - CRYSTALS MEDIUM TO COURSE GRAINED	<.01	5	35	5	100
40-41m	SL	"				"	A/A - FINE TO MEDIUM GRAINED CRYSTALS.	<.01	16	30	20	120
41-42m	SL	"				"	A/A	<.01	15	40	15	110
42-43m	SL	"			20	"	PYRITE ALONG VEIN QTZ-SLATE CONTACT.	<.01	8	35	20	100
43-44m	10% SST	LT RD	VF	FLINTY		ABNT HAEM STAIN	RETURNS WET.	<.01	7	40	55	110
	90% SL	LT GY-GY GRN										
44-45m	SL	LT GY-GY GRN			TR	TR DISS PYR	PYRITE DISSEMINATED IN LAYERS THRU' SLATE, VEIN QTZ HAS OPALINE TEXTURE, RETURNS WET	<.01	8	35	35	90
45-46m	SL	"						<.01	10	40	15	110
46-47m	SL	"				TR KAOL INC		<.01	9	25	20	100
47-48m	TR SST	OFF WH	VF	FLINTY		KAOL SLICKENSIDES.	SST LENSES APPROX 2mm THICK.	.02	11	50	35	110
	100% SL	LT GY-GY GRN				TR KAOL INC						

PEGASUS GOLD AUSTRALIA LTD

SAMPLE LOG SHEET

427074

Tenement: EL 55/83	Location/Site	Sample Type	Sampled by: (Date)	Assay Specifications
Project: TOWER HILL	TH #1	RC DRILL CUTTINGS	Logged by: GREG CLAUS (Date) 2/12/89	

Sample Number	Lithology	Colour	Grain Size	Structure	% Vein Qtz	Alteration Mineral'n	Description / Comments	Au	As	Cu	Pb
48-49m	SL	LT GY-GY GRN		GOOD CLEAVAGE				<.01	15	45	31
49-50m	SL	"		"	TR		VEIN QTZ HAS OPALINE TEXTURE & FE STAIN	<.01	10	35	32
50-51m	SL	"		"			TD @ 51m. 1800 HRS. 2/12/89.	.11	11	25	5
			BASE	PARTIAL	EXTINCTION @ 27.75						

PEGASUS GOLD AUSTRALIA LTD — SAMPLE LOG SHEET — 427075

Tenement: EL 55/83	Location/Site: WESTERN 1052N, 851E; TH #2; AZ 060 mag. DEL -50°	Sample Type: RC Drill Cuttings	Sampled by: (Date)	Assay Specifications
Project: Tower Hill			Logged by: GREG CLOTH (Date) 3-5/12/89	

Sample Number	Lithology	Colour	Grain Size	Structure	% Vein Qtz	Alteration Mineral'n	Description / Comments	Hg	As	Cu	Pb	Zn
0-1m	SL	LT GY-GYGRN				FE STAIN I.P.	WEATHERED. SPUD @ 0830 HRS 3/12/89	<.01	18	25	35	50
1-2m	SL	LT GY GRN-MGY				FE STAIN I.P.	WEATHERED. RIG DOWN DUE TO COMPRESSOR	.01	10	30	25	95
							4/12/89					
2-3m	SL	LT GY-GYGRN				FE STAIN I.P.	WEATHERED. DRILL AHEAD WITH REDUCED AIR PRESSURE CUTTINGS LARGER	<.01	8	20	15	90
3-4m	SL	"				"	A/A. (RETURNS O.K.)	<.01	10	30	30	100
4-5m	SL	"		FLINTY		FE STAIN I.P. TR KAOL INCL?	WEATHERED, VERY SILICEOUS.	<.01	9	30	30	100
5-6m	SL	"		"		FE STAIN I.P. TR KAOL INCL	WEATHERED, TR VERY SILICEOUS SLATE	<.01	9	25	30	85
6-7m	SL	"				FE STAIN I.P.	WEATHERED	<.01	10	35	20	90
7-8m	SL	"		FLINTY		"	WEATHERED, VERY SILICEOUS I.P.	<.01	10	25	10	100
8-9m	SL	"		"		TR KAOL INCL	WEATHERED, VERY SILICEOUS I.P.	<.01	8	25	15	100
9-10m	SL	"				"	WEATHERED.	<.01	10	20	10	105
10-11m	SL	LTGY-LTGRN		FLINTY I.P.		TR KAOL INCL TR FE STAIN	WEATHERED	.01	10	110	10	105
11-12m	SL	LTGY-LTGRN		FLINTY I.P.		TR KAOL INCL TR FE STAIN	WEATHERED	<.01	10	40	20	101
12-13m	SL	"		"		TR KAOL INCL TR FE STAIN	WEATHERED, TRACE SST LT GY-GYBRN, F GRAINED.	.01	13	25	20	105
13-14m	SL	LTGY-GYBRN, GY GRN				TR KAOL INCL	BELOW WEATHERED LAYER.	<.01	9	25	10	95
14-15m	SLst	LTGY-GYBRN, GY GRN				TR KAOL INCL		<.01	10	35	10	105
15-16m	TR SST	LT GY	VF	FLINTY			RETURNS WET.	.01	17	30	25	90
	100% SL	LT GY-GYGRN				TR KAOL INCL						
16-17m	5% SST	LT GY	VF	FLINTY				.01	12	35	10	105
	95% SL	LT GY-GYGRN				TR KAOL/AK						
17-18m	SL	LT-M GY					RIG DOWN - COMPRESSOR TROUBLE	.05	13	35	25	110
							5/12/89					
18-19m	SL	LT-M GY		FLINTY I.P.			POSSIBLE CONTAMINATION DUE TO O/NIGHT DELAY	.05	15	115	75	95
							DRILLING WITH REDUCED AIR PRESSURE, CUTTINGS					
							LARGER - RETURNS O.K., RETURNS WET.					
19-20m	SL	LT-M GY		FLINTY I.P.				<.01	40	65	60	140
20-21m	30% SST	LT-M GY	F			TR ASPY	DISSEMINATED SULPHIDES.	.01	30	45	30	90
	70% SL	LT-M GY		FLINTY I.P.								

PEGASUS GOLD AUSTRALIA LTD

SAMPLE LOG SHEET

127076

Tenement: EL 55/83	Location/Site	Sample Type	Sampled by: (Date)	Assay Specifications
Project: TOWER HILL	TH #2	R.C. DRILL CUTTINGS	Logged by: GREG CLOW (Date) 3-5/12/89.	

Sample Number	Lith-ology	Colour	Grain Size	Structure	% Vein Qtz	Alteration Mineral'n	Description / Comments	Au	Ag	Cu	Pb	Zn
21-22m	SST	LT GY	F			TR AS PY	DISSEMINATED SULPHIDES	.02	2	15	20	60
22-23m	SST	"	"		1		VEIN QTZ 2mm THICK	.04	3	25	25	80
23-24m	SST	"	"			TR AS PY	DISSEMINATED SULPHIDES	.01	3	25	25	80
24-25m	SST	"	"			"	A/A.	<.01	3	20	20	80
25-26m	70% SST	"	"			"	A/A.	<.01	4	25	20	90
	30% SL	DK GY				"						
26-27m	SST	LT GY	F			TR KAOL INCL		.07	2	15	15	55
27-28m	SST	LT GY- LT BRN GY IP	F			TR KAOL INCL		.02	1	10	15	35
28-29m	80% SST	LT GY - LT BRN GY IP	F			"		.04	1	15	25	30
	20% SL	LT-M GY										
29-30m	SST	LT GY, RD	F			10% HAEM STAIN		<.01	1	15	20	35
30-31m	90% SST	LT GY, GY BRN	F			TR HAEM STAIN		<.01	1	15	10	45
	10% SL	DK-M GY										
31-32m	SST	LT GY	F			TR HAEM STAIN		<.01	1	10	15	35
32-33m	SST	"	F			10% HAEM STAIN		<.01	1	15	20	55
						TR KAOL INCL						
33-34m	90% SST	LT GY	F					.02	1	30	25	90
	10% SL	LT GY		FLINTY			VERY SILICEOUS.					
34-35m	SL	LT GY, RD		FLINTY		30% HAEM STAIN	A/A	.02	1	20	25	95
35-36m	80% SST	LT GY - GY BRN	F		10	20% HAEM STAIN		.02	1	15	15	45
	20% SL	DK GY										
36-37m	SST	LT GY - GY BRN	F		TR			.07	1	10	5	25
37-38m	SST	"	"		20	TR HAEM STAIN		.09	2	20	25	35
38-39m	SST	"	"			TR HAEM STAIN TR KAOL INC	SLOW DRILLING	.04	4	10	10	30
39-40m	SST	LT GY, RD	"		TR	20% HAEM STAIN	A/A.	<.01	4	10	15	35
40-41m	SST	"	"			60% HAEM STAIN	A/A.	.01	4	10	15	30
41-42m	SST	LT GY	"		TR	10% HAEM STAIN	VEIN QTZ HAS FE STAINING	.02	16	10	15	35
42-43m	SST	LT GY, RD	"		TR	40% HAEM STAIN	A/A.	.01	11	10	20	45
43-44m	SST	"	"		20	10% HAEM STAIN	A/A.	.05	36	10	20	40

PEGASUS GOLD AUSTRALIA LTD — SAMPLE LOG SHEET — 42/077

Tenement: EL 55/83	Location/Site	Sample Type	Sampled by: (Date)	Assay Specifications
Project: Tower Hill	TH #2	RC Drill Cuttings	Logged by: Greg Clow (Date) 3-5/12/89.	

Sample Number	Lithology	Colour	Grain Size	Structure	% Vein Qtz	Alteration Mineral'n	Description / Comments	Au	As	Cu	Pb	Zn
44-45m	SST	LT GY-GY BRN	F		80	COM KAOL INCL		.03	40	10	40	35
45-46m	SST	LT GY-LT BRN	M		60	COM KAOL INCL	KAOL LT BRN - FE STAINING.	.02	12	10	30	45
46-47m	SST	LT GY	M		20	TR KAOL INCL	A/A RETURNS WET.	.03	8	10	10	30
47-48m	90% SST	M	M		10		RETURNS WET.	<.01	6	10	10	30
	10% SL	LT GY, GY GRN				TR KAOL INCL						
48-49m	80% SST	LT GY	F		TR	20% HEAVY STAIN TR KAOL INCL	RETURNS WET.	.04	12	15	15	45
	20% SL	LT GY, GY GRN				TR KAOL INCL						
49-50m	80% SST	LT GY	F		60		RETURNS WET.	.03	7	15	15	100
	20% SL	LT GY, GY GRN				TR KAOL INCL						
50-51m	SST	LT GY	F		80			.13	250	40	10	65
51-52m	SST	LT GY, PINK	F		10	20% HEAVY STAIN	RETURNS WET.	<.01	14	10	10	40
52-53m	SST	LT GY	F		TR	TR KAOL INCL	RETURNS WET. T.D @ 53m 1420HRS 5/12/89	<.01	5	10	10	60
				BASE	PARTIAL	OXIDATION	@ 53 MTS.					

PEGASUS GOLD AUSTRALIA LTD

SAMPLE LOG SHEET

12878

Tenement: EL 55/83	Location/Site: WESTORIO - 942N, 867E, TH#3, AZ 060 mag. DECL. -5°	Sample Type: RC Drill Cuttings	Sampled by: (Date)	Assay Specifications
Project: Tower Hill			Logged by: Greg Corn (Date) 6/12/89	

Sample Number	Lithology	Colour	Grain Size	Structure	% Vein Qtz	Alteration Mineral'n	Description / Comments	Au	As	Cu	Pb	Zn
0-1m	SST	Lt Gy-Mbrn	F			FE STAINED, WEATHERED	DRILLING O.K. WITH REDUCED AIR PRESSURE.	<.01	22	15	20	30
							POOR RETURNS AT SURFACE. SPUDE DROPPED 6/12/89					
1-2m.	SST	Lt Gy-Mbrn	F			FE STAINED, WEATHERED	POOR RETURNS	.01	26	15	30	40
2-3m	10% SST	"	"			A/A.	A/A.	.01	9	40	45	90
	90% SL	Lt Gy-Gy Grn				A/A.						
3-4m	SL	Lt Gy-Gy Grn				A/A.	RETURNS O.K. - CUTTINGS LARGER AGAIN DUE TO	<.01	28	20	65	55
		Lt Brn					REDUCED AIR PRESSURE.					
4-5m	20% SST	Lt Gy	F			WEATHERED TR KAOL INCL		<.01	38	20	30	30
	80% SL	Lt Gy-Gy Grn Lt Gy Brn				FE STAINED WEATHERED						
5-6m	SST	Lt Gy	F			TR HAEM STAIN	SLIGHTLY WEATHERED	<.01	26	15	20	50
6-7m	90% SST	Lt-Gy	"			TR FE STAIN	A/A.	<.01	16	15	15	60
	10% SL	Lt Gy-Gy Grn		Good Cleavage								
7-8m	SST	Lt Gy	F				BELOW WEATHERED CAVER	<.01	24	25	20	85
8-9m	90% SST	"	"			TR AS PYR		<.01	22	30	30	90
	10% SL	Lt-May		Good Cleavage			VERY SILICEOUS.					
9-10m	SST	Lt Gy	F		TR	TR AS PYR		.02	9	15	15	45
10-11m	80% SST	"	"			TR KAOL INCL		.06	14	20	15	60
	20% SL	Lt-May				"	VERY SILICEOUS					
11-12m	SST	Lt Gy	F			TR KAOL INCL		<.01	16	20	15	60
12-13m	SST	"	"			"		<.01	10	15	20	50
13-14m	SST	"	"			TR WH MICA	VERY SILICEOUS	<.01	18	20	20	65
14-15m	SST	"	"			TR AS PYR TR WH MICA TR KAOL INCL		.02	6	15	15	40
15-16m	SST	"	"			TR AS PYR	SULPHIDES ARE DISSEMINATED IN LUMPS	<.01	32	15	15	40
16-17m	SST	"	"			TR KAOL INCL		<.01	28	15	15	40
17-18m	SST	"	"			TR HAEM STAIN		.01	12	15	15	35
18-19m	70% SST	"	"			TR AS PYR(?) TR WH MICA	SULPHIDES CLUMPS AS INCLUSIONS	<.01	132	25	20	90
	30% SL	Lt-M Gy		Good Cleavage		TR AS PYR	SULPHIDES IN LUMPS ALONG CLEAVAGE					
19-20m	SL	Lt-M Gy		"		TR KAOL INCL	VERY SILICEOUS	<.01	65	60	30	110
20-21m	SL	"		"		"	A/A	<.01	158	60	25	110
21-22m	SL	Lt Gy				TR KAOL INCL		<.01	26	50	30	105

PEGASUS GOLD AUSTRALIA LTD — SAMPLE LOG SHEET — 12179

Tenement: EL 55/83	Location/Site	Sample Type	Sampled by: (Date)	Assay Specifications
Project: TOWER HILL	TH #3	RC DRILL CUTTINGS	Logged by: GREG COMA (Date) 6/12/89	

Sample Number	Lithology	Colour	Grain Size	Structure	% Vein Qtz	Alteration Mineral'n	Description / Comments	Au	As	Cu	Pb	Zn
22-23m	90% SST	OFFWH-LTGY	F			TR KAOL INCL	SLIGHTLY WET - MICROFRACTURES?	<.01	34	55	20	95
	10% SH	DK GY										
23-24m	SST	OFFWH-LTGY	F		80	COM KAOL INCL, COM FE STAIN, COM KAOL INCL	A/A.	.03	460	10	5	70
24-25m	SST	"	"		90	A/A.	A/A.	.14	50	10	15	10
25-26m	SST	"	"		10	TR HAEM STAIN		.20	1000	15	5	30
26-27m	SST	"	"		TR			.01	24	15	15	30
27-28m	SST	"	"			TR FE STAIN	SLIGHTLY WET - FRACTURES?	<.01	28	45	45	45
28-29m	SST	" RD	"		10	TR AS PYR? COM HAEM STAIN.	SULPHIDE OCCURS IN FE STAINED (FRACTURES?)	<.01	10	20	20	45
29-30m	SST	" "	"		5	COM HAEM STAIN. TR KAOL INCL	MN HAEMATITIC STAINING ALONG QTZ VEINS.	<.01	4	15	15	25
30-31m	SST	OFFWH-LTGY	"			TR HAEM & KAOL INCL		<.01	3	15	15	40
31-32m	SST	OFFWH-LTGY						.03	24	15	20	65
		RD	F		10	COM HAEM STAIN						
32-33m	SST	OFFWH-LTGY	"		40	COM FE STAIN	FE STAINING IN VN QTZ AND (FRACTURES?)	.02	50	15	15	70
33-34m	SST	LT GY	"		40	COM KAOL INCL		.08	170	15	25	160
34-35m	SST	OFFWH-LTGY	M-C		TR	TR HAEM STAIN COM KAOL INCL		<.01	38	15	35	95
35-36m	SST	"	F-M		30	TR KAOL INCL		.23	860	15	5000	35
36-37m	SST	"	F-M		10	COM HAEM STAIN	VERY SLOW DRILLING.	<.01	14	20	25	14
37-38m	SST	LT GY, RD	F			40% HAEM STAIN	A/A	<.01	12	20	30	12
38-39m	SST	"	"			30% HAEM STAIN	A/A SHUT DOWN RC - WAIT ON SPARES TO COMPRESSOR. 1020 HRS 6/12/89	<.01	14	30	95	14
39-40	SST	MED GY	F-M		10	10% HAEM STAIN tr. v-f pyr.	SST partly silicif.	<.01	30	35	65	30
40-41	SST	GRN GY	M-F		8	tr. v-f pyr.	10% HAEM STAIN.	.01	110	20	50	110
41-42	SST	LT GY	F		tr.	com. v-f pyr.	30% HAEM. STAIN	<.01	22	15	45	22
42-43	SST	LT GY	M-F		20	com. v-f pyr.	30% HAEM STAIN black? organic matter in SST	<.01	22	20	45	22
43-44	SST	DK GY	M-F		25	com. v-f pyr.	30% HAEM. HAEM STAIN 2% organic debris.	<.01	40	15	35	20
44-45	SST	DRK GY	F-M		50	com. v-f pyr.	30% HAEM. 2% black organic (Graphitic?)	<.01	240	10	30	24
45-46	SST	"	"		50	"	"	<.01	440	10	25	14
46-47	SST	DK-GY	F-M		2	"	" 30% HAEM. STAIN	<.01	12	10	10	35

PEGASUS GOLD AUSTRALIA LTD

SAMPLE LOG SHEET

427080

Tenement:	Location/Site	Sample Type	Sampled by: (Date)	Assay Specifications
Project:	TH-3		Logged by: (Date)	

Sample Number	Lith-ology	Colour	Grain Size	Structure	% Vein Qtz	Alteration Mineral'n	Description / Comments	Au	As	Cu	Pb	Zn.
47-48	SST	DK GY	F		tr	Min. v-f. pyr.	heavies 2% black organic debris.	<.01	16	10	10	35
48-49	SST	BRN Dkj	M-F		5	tr-v-f-pyr.	heavies 30% HAEM Stain 2% organics.	.02	55	15	15	35
49-50	SST	LT Dkj	F			COM. v.f. sulph, min HAEM. Stain, green? Chloritic Stain		<.01	24	10	10	30
50-51	SST	"	"			"	N/A	<.01	24	15	10	30
		EOH	51 MTS									
			BASE	PARTIAL	OXIDATION	>	51 MTS.					

PEGASUS GOLD AUSTRALIA

SAMPLE LOG SHEET

427081

Tenement: EL 55/83	Location/Site: TH-4 WEST GRID 947 N/932 E AZ 240 mag. DEL. -50°	Sample Type: R.C. PERCUSSION/DRILL CUTTINGS 3kg SPLITS.	Sampled by: K.M. (Date) 12/12/84	Assay Specifications
Project: TOWER HILL			Logged by: K.M. (Date) 13/12/84	

Sample Number	Lith-ology	Colour	% Vein Quartz	Quartz Colour	Alteration	Mineral'n	Description/Comments	Au	As	Cu	Pb	Zn
0-1 MTS.	SLATE	ol. brn			Ferrug. weathering		New B.t., Abund clayey slimes from sample.	.01	48	90	85	65
1-2	"	grn grey-grey brn					"	.01	60	35	55	85
2-3	"	grn grey-grey brn	tr.				50% oxid. slate	.01	11	20	55	70
3-4	"	A/A						.01	8	25	20	65
4-5	"	A/A						<.01	5	15	5	65
5-6	"	A/A					Abund. ferrug. clayey slimes.	<.01	5	20	5	80
6-7	"	A/A					10% oxid. slate	.01	11	20	35	75
7-8	SLATE	grn grey						<.01	6	30	10	90
8-9	"	grn grey/brn					5% oxid. slate - grey slimes	<.01	5	40	20	90
9-10	"	grn grey/brn	Tr.				10% oxid. slate	.01	4	40	55	95
10-11	"	grn grey					grey slimes.	<.01	5	30	20	90
11-12	"	A/A						<.01	4	25	20	90
12-13	"	A/A					minor ferrug. frags.	<.01	4	20	30	100
13-14	SLATE	grn grey	10	wht.			WET SAMPLE - 14 MTS.	<.01	5	50	280	95
14-15	"	grn grey	tr				Dry sample	<.01	4	25	30	95
15-16	"	"	2	wht			Wet Sample	<.01	4	75	20	85
16-17	"	"					large dry sample	<.01	4	50	120	95
17-18	"	A/A						.01	3	15	5	85
18-19	"	A/A	tr.					<.01	2	35	10	90
19-20	"	grn grey						<.01	3	20	<5	90
20-21	"	A/A						<.01	3	25	<5	90
21-22	"	A/A					minor water in sample	<.01	3	10	<5	85
22-23	"	A/A					Dry sample	<.01	4	5	5	95
23-24	SLATE	grn grey/brn			5-10% Ferr. slate		fracture? Contamination?	<.01	3	15	5	90
24-25	SLATE	grn grey						<.01	7	65	5	85
25-26	"	A/A						<.01	5	15	<5	85
26-27	"	A/A						.01	4	15	<5	90
27-28	Sdy flint	grey grn/brn					fracture? 10% flinty lith.	.01	3	80	25	85
28-29	SLATE	Grey grn				min. v.f. pyr.		.01	5	30	60	95
29-30	"	grey grn.				tr. v.f. pyr.		.01	5	25	30	95

PEGASUS GOLD AUSTRALIA — SAMPLE LOG SHEET — 427082

Tenement:	Location/Site	Sample Type	Sampled by: (Date)	Assay Specifications
Project:	TH-4		Logged by: (Date)	

Sample Number	Lith-ology	Colour	% Vein Quartz	Quartz Colour	Alteration	Mineral'n	Description/Comments	Au	As	Cu	Pb	Zn
30-31	SLATE	grn grey					minor water at rod change.	.01	3	20	<5	90
31-32	"	"				com. f-v.f. sulph. mainly pyr.		<.01	8	35	20	80
32-33	"	"						<.01	6	40	10	85
33-34	"	"						<.01	10	55	40	90
34-35	"	"						<.01	6	30	25	85
35-36	"	"						.02	4	20	10	105
36-37	SST. f/SL.	lt grn brn/grey	40	wht.			SST. silicif. part orthoquartz.	.05	50	15	10	60
37-38	f. SST.	grey.					silicif.	.01	15	15	15	55
38-39	f SST	grn grey			Haem. staining.		30% Fe stain	<.01	5	10	10	35
39-40	m-f. SST	grn grey brn grey			"		30% Fe stain	<.01	6	15	15	30
40-41	f-c. SST.	grn grey	1			tr. v-f. sulph.		<.01	5	15	15	35
41-42	f. SST./SL.	rd brn grey/grey				tr. v-f. sulph.		<.01	7	25	15	50
42-43	f-v-f. SST	lt-red grey				"	SST fluggy.	.04	13	30	35	85
43-44	"	"				"		.04	5	20	20	35
44-45	SST f-m.	brn grey/rd grn grey	30	wht.		"	tr. Slate	<.01	11	20	25	30
45-46	SST m-c	"	60	wht	Haem. staining	com. v-f. pyr.	tr. organic debris.	<.01	16	25	175	20
46-47	SST-f	grey						<.01	10	25	20	65
47-48	"	"				tr. v-f-sulph.		.20	9	20	20	45
48-49	" f-m	rd brn	tr.			min. v-f. sulph.		.15	9	15	85	35
49-50	SST m.	grn grey, rd brn	40	wht		abund. v-f sulph.		.01	100	20	20	35
50-51	"	"	tr.			com. v-f-sulph, heavies		.05	15	15	15	25
		EOH STMTS.										
			BASE	PARTIAL	OXIDATION IN	SLATE ≈ 10 MTS						
					SST. OXIDISED	TO > 51 MTS.						

PEGASUS GOLD AUSTRALIA — SAMPLE LOG SHEET — 427083

Tenement: EL 55/83	Location/Site: TH-5 EAST GRID 258 N/964 E AZ 190 mag. DEC. -5°	Sample Type: R.C. PERCUSSION DRILL CUTTINGS 3 kg SPLITS.	Sampled by: K.M. (Date) 16/12/89	Assay Specifications
Project: TOWER HILL			Logged by: K.M. (Date) 16/12/89.	

Sample Number	Lithology	Colour	% Vein Quartz	Quartz Colour	Alteration	Mineral'n	Description/Comments	Au	As	Cu	Pb	Zn
0-1 MTS	SST. f.	dk. brn. yellbrn	tr		weathered			.04	60	80	70	70
1-2	SST m-f.	Grn grey - brngy	10	wht. Fe stained	Fe oxid.	tr. v.f. sulph.	poorly corroded, oxidised.	.08	36	20	25	25
2-3	"	A/A	10	"		min brn heavies		.03	155	20	25	30
3-4	SST m-f	brn. grey brn	20	"	Fe oxid., corroded	tr. v.f. sulph, heavies	steel fragments	.12	440	20	20	20
4-5	SST f-m	A/A	5	"	heavily weathered	tr. v.f. sulph.		<.01	175	15	20	35
5-6	"	A/A						<.01	80	15	20	45
6-7	SST. f-m.	grey. brn	10	wht. Fe stained	weathered	min. v.f. heavies, sulph.	50% SST heavily oxid.	.04	70	10	15	20
7-8	"	"	20	"	Fe oxid. weathering	com. v.f. heavies, sulph.	brn heavies probably mainly sulph.	.10	100	20	20	30
8-9	SL/ f-m SST.	dk grey - brn	10	"		tr. v.f. sulph.		.04	190	25	20	55
9-10	SLATE	grey, brn grey	tr		Fe oxid. stg in SL.			.01	105	25	35	40
10-11	SLATE	"						.02	75	35	25	95
11-12	"	grey, blu grey			min. Fe staining			<.01	36	55	50	90
12-13	"	A/A						.01	10	25	80	85
13-14	"	blu grey, brn grey						.02	11	15	20	75
14-15	"	grey					fissile brown surfaces on slates.	<.01	14	25	10	85
15-16	"	A/A					abund. clayey slimes from sample	.01	11	35	15	80
16-17	"	A/A						<.01	9	30	20	95
17-18	"	A/A						<.01	11	25	20	95
18-19	"	A/A						.01	19	440	35	100
19-20	"	A/A						<.01	9	30	60	95
20-21	"	blu grey - med grey				min. v.f.-f pyr.		<.01	7	45	20	90
21-22	SLATE / flint	grey / off wht					mbr pr grn, lt brn flinty lith.	.01	7	30	15	75
22-23	SLATE	med grey						.01	7	25	<5	85
23-24	"	grn grey				abund c.-f. pyr.	pyr. ? authogenic	.03	18	30	<5	90
24-25	"	"				min. v.f. pyr.		.02	8	35	<5	85
25-26	"	"				tr. v.f. Sulph	tr. off wht flinty slate.	.01	5	30	5	80
26-27	"	"				abund c.-f. pyr.	some aggregates of ? auth. pyr.	<.01	5	10	<5	85
27-28	"	A/A				"		<.01	5	15	<5	90
28-29	"	grn grey						<.01	5	20	<5	95
29-30	"	"				Tr. v.f. pyr.		<.01	6	20	<5	90

PEGASUS GOLD AUSTRALIA

SAMPLE LOG SHEET

427084

Tenement:	Location/Site	Sample Type	Sampled by: (Date)	Assay Specifications
Project:	TH-5		Logged by: (Date)	

Sample Number	Lith-ology	Colour	% Vein Quartz	Quartz Colour	Alteration	Mineral'n	Description/Comments	Au	As	Cu	Pb	Zn
30-31	SLATE	grn gry						<.01	5	25	<5	90
31-32	"	A/A						.01	6	40	5	80
32-33	SLATE/flint	grn gry/off wht				Tr. v.f. sulph.		.01	6	35	5	85
	EOH	33 mts.										
			BASE	PARTIAL	OXIDATION ≈ 13	mts.						

PEGASUS GOLD AUSTRALIA

SAMPLE LOG SHEET

427085

Tenement: EL 55/83	Location/Site: TH-6 EAST GRID 101 N/983.5E AZ 010 mag. DELL.-50°	Sample Type: R.C. PERCUSSION DRILL CUTTINGS 3 Kg. SPLITS.	Sampled by: K.M. (Date) 16/1/89	Assay Specifications
Project: TOWER HILL			Logged by: KM (Date) 17/1/89	

Sample Number	Lith-ology	Colour	% Vein Quartz	Quartz Colour	Alteration	Mineral'n	Description/Comments	Au	As	Cu	Pb	Zn
0-1 MTS	SLATE	grngry-yellbrn			weathered			<.01	5	25	10	85
1-2	"	A/A						<.01	5	25	10	85
2-3	"	A/A					grey clayey slimes.	<.01	5	25	15	80
3-4	"	A/A					10% oxid yellbrn	<.01	5	25	10	80
4-5	"	A/A					50% oxid.	.03	11	40	35	95
5-6	"	A/A				tr. v.f. pyr.	Abund FE oxide on chonoge.	<.01	7	35	10	95
6-7	"	A/A					tr. off wht flinty slate	.08	6	50	25	95
7-8	SLATE/v.f SST	grngry-brn				tr. v-f. pyr.	tr. off wht flint.	<.01	8	35	25	75
8-9	SLATE	grngry-brn					abund. clayey slimes, 10% oxid.	<.01	8	30	10	100
9-10	"	A/A						<.01	6	25	55	85
10-11	"	A/A					minor off wht clayey slate	<.01	8	45	260	95
11-12	SLATE	gen grey						<.01	5	30	30	90
12-13	"	A/A						.02	5	25	15	95
13-14	"	A/A						<.01	5	30	10	85
14-15	"	A/A				abund. v.f.g. pyr.		.02	5	25	5	85
15-16	"	A/A				min. v.f. pyr.		.04	10	25	15	1150
16-17	SLATE/f SST	grngry/ dk wht					tr. f. SST only	.11	12	20	20	80
17-18	SLATE/f.SST/Flint	A/A						.08	10	65	30	70
18-19	SLATE	grn grey			Haem. speckling			.08	9	20	55	80
19-20	SLATE/Flint	grngrey/dk wht					argil. flinty lith. upto 5%	<.01	10	15	20	55
20-21	f SST.	lt. grngrey					Sub platey	.04	18	15	20	40
21-22	f-m. SST.	brn, lt grey	tr.				tr. black ? organic debris	.01	17	10	105	35
22-23	f SST.	med grey						<.01	22	10	280	40
23-24	SL/f.SST	med. grey	10	wht			flaggy SST.	<.01	20	10	10	35
24-25	"	A/A	tr.			tr. v-f. Sulph.	10% f.SST. grading to v.f.	<.01	28	15	20	75
25-26	f-m SST.	grey, blugry	10	wht				<.01	18	10	15	30
26-27	f.SST/Slate	grngry/ blugry	30	wht				<.01	24	15	20	60
27-28	SL/Slist	dk grey						.05	30	25	25	70
28-29	"	A/A	tr.			com-c-v-f pyr.		.08	30	20	30	75
29-30	f-m.SST.	med grey	3	wht			Some 2-3mm QTZ veinlets	.23	26	15	15	45

PEGASUS GOLD AUSTRALIA — SAMPLE LOG SHEET — 427086

Tenement:	Location/Site: TH-6.	Sample Type	Sampled by: (Date)	Assay Specifications
Project:			Logged by: (Date)	

Sample Number	Lith-ology	Colour	% Vein Quartz	Quartz Colour	Alteration	Mineral'n	Description/Comments	Au	As	Cu	Pb	Zn
30-31	f-m. SST	med grey	5	wht.		tr. v.f. sulph		.05	19	15	2700	35
31-32	f. SST/SL.	red grey/dk grey	10	wht		tr. arspy., v.f sulph.	arspy. in QTZ.	.10	28	20	35	75
32-33	f SST	med grey	5	wht		tr. v.f. sulph. heavies		.04	20	15	20	45
33-34	f-m SST	A/A	tr			tr. v.f. sulph.		.02	19	10	15	35
34-35	"	A/A						<.01	20	10	20	45
35-36	SL/SHST	grey	10	wht. clear		com. pyr.		<.01	60	35	25	95
36-37	f-m SST	A/A	5	wht		com arspy. pyr.		.04	38	10	20	45
37-38	f-m SST	A/A	5	wht.		tr. v.f. sulph.		<.01	24	10	20	40
38-39	m-f SST/SL.	grn grey/dk grey	20	wht		com. sulph.	minor disscm. ? organic debris	.01	16	10	15	40
39-40	f. SST/SL	A/A	50	wht-clear		com. v.f. sulph.		.55	22	10	15	30
40-41	"	A/A	5	wht		com. arspy. pyr.	sulphide in QTZ	<.01	42	25	15	80
41-42	f-m SST/SL	grn grey/dk grey	50	wht.		abun. arspy., pyr.	Slate hard, blocky, sulphide in QTZ.	.10	1550	10	10	35
42-43	m-f SST	grn grey	70	wht.		min. c. arspy. tr. v.f. sulph.		<.01	60	10	10	25
43-44	m-f SST/SL	grn grey/dk grey	20	wht.		com. arspy., v.f. pyr.		.02	44	20	15	60
44-45	f-m. SST	lt grn grey	20	wht		tr. v.f. heavies sulph.		.01	22	10	25	45
45-46	f-m. SST/SL	lt grey/dk grey	2			com. c. v.f. arspy. Sulphides WET SAMPLE; rig stopped.		.01	32	20	25	60
46-47	f-m. SST	med grey	tr			tr. v.f. pyr.		<.01	26	15	20	55
47-48	"	A/A	5	wht.		tr. v.f. sulph.	min. pyr. in small quartz veins	<.01	30	20	20	75
48-49	"	A/A	20	wht, grn		tr. v.f. pyr. arspy.		<.01	25	20	40	60
49-50	"	grn grey	2	wht		com. arspy.		<.01	24	15	25	60
50-51	f-m SST/SL	grey grn	15	wht, grn	Chlor.	com arspy, pyr		<.01	24	25	25	70
51-52	f-m SST	grn grey	5			tr. v.f. sulph.		<.01	18	20	30	60
52-53	f-v.f SST/SL	grey-dk grey	5			min v.f. sulph.		<.01	26	25	30	90
53-54	"	A/A	10			min v.f. arspy. sulphide		.03	28	25	30	80
		EOH 54 MTS.										
			BASE	PARTIAL	OXIDATION	11 MTS.						

PEGASUS GOLD AUSTRALIA — SAMPLE LOG SHEET — 427087

Tenement: EL 55/83	Location/Site: TH-7 EAST GRID 298 N/1076 E AZ 190 mag. DECL. -50°	Sample Type: R.C. PERCUSSION DRILL CUTTINGS 3 kg. SPLITS.	Sampled by: K.M. (Date) 18/12/89	Assay Specifications
Project: TOWER HILL			Logged by: K.M (Date) 18/12/89	

Sample Number	Lith-ology	Colour	% Vein Quartz	Quartz Colour	Alteration	Mineral'n	Description/Comments	Au	As	Cu	Pb	Zn
0-1 MTS	SL./SST	brn, brn gry	5		weathered.			<.01	110	110	120	165
1-2	SST/SL	A/A	50	wht, Fe stain	"	tr. v-f. sulph.		<.01	130	25	30	45
2-3	f-m. SST/SL	brn, brn gry	10	"	SST Fe oxid.	tr. v-f sulph.	sulph. mainly pyr.	<.01	80	20	25	45
3-4	f.SST/SL.	brn, brn gry	10	wht			SST flaggy.	.01	105	30	25	75
4-5	"	A/A	tr.			tr. v-f. sulph.		.02	85	20	20	75
5-6	SLATE	med. gry	10	wht.		tr. arspy, v.f. sulph.	arspy in QTZ.	.02	55	30	25	105
6-7	f-m SST/SL	lt gry, brn	5	wht		tr. v-f. sulph.	half SST heavily oxid. corroded	.01	170	25	35	95
7-8	"	A/A	30	wht		tr. v-f. sulph		.02	200	15	25	65
8-9	"	brn gry-blu gry	30	wht		tr. v-f. sulph	half SST heavily oxid.	<.01	120	30	20	60
9-10	SL/SST/v-f SST	med gry	tr.			tr. v-f. sulph.		<.01	155	30	20	120
10-11	m-f.SST/SL	gry, brn	45	wht		abun. c. v-f arspy.	sulphides SST. half oxid.	.01	810	20	25	70
11-12	f.SST/SL	dk blu gry	30	wht gry, grn		abund c. v-f. arspy	some QTZ waxy	.25	1100	20	30	100
12-13	f-mSST/SL.	med. gry.	5	wht, grn		com. v-f. arspy, leaves	some translucent qut	.01	40	20	20	60
13-14	SLATE	blu gry	25	wht	Fe staing.	tr. v-f sulph.	Fe stain on QTZ, slate.	.01	75	30	40	70
14-15	SLATE	A/A	10	wht, dark bands		com. v-f. pyr. leaves.	QTZ in part waxy, dk.	<.01	70	45	65	135
15-16	f SST./SL	gry, brn	10	wht		com. v-f. sulph, leaves	SST half oxid. (WATER 15 MTS)	<.01	75	15	20	60
16-17	f-mSST/SL	lt gry	10	wht		tr. v-f. sulph.		<.01	24	15	25	60
17-18	SLATE	blu gry, brn gry	-		Fe staing.	tr. v-f. sulph.	20% oxid.	.02	45	40	25	115
18-19	"	gry, lt brn					minor lt brn flinty, clayey lith.	.02	50	30	35	135
19-20	"	red gry						.02	35	40	20	120
20-21	"	grn gry	2	wht		tr. C. com. v-f. sulph arspy.	WATER IN SAMPLE.	.05	1200	85	25	125
21-22	f SST/SL.	med. gry	80	wht		com. v-f. sulph. C. arspy		.08	1100	25	175	135
22-23	f.-SST	gry	10	wht		com. arspy.		.02	200	15	25	45
23-24	f. SST	A/A	5	wht		tr. v-f. sulph.		.01	230	10	25	40
24-25	"	A/A	10			"		.01	260	25	25	65
25-26	f-m SST	gry	-			tr. v-f. sulph.		<.01	20	15	20	55
26-27	"	A/A	2			tr. v-f. sulph.		<.01	40	30	40	70
27-28	"	A/A	tr.			"		<.01	1000	15	55	45
28-29	m-f SST	lt gry	30	wht	Chlor.	abun. arsp, v.f. pyr. tr. cpy		.05	165	35	40	90
29-30	SLATE/f SST	"	50	wht	Kaol.	tr. v-f. sulph.		.01	55	25	35	105

PEGASUS GOLD AUSTRALIA — SAMPLE LOG SHEET — 427088

Tenement:	Location/Site	Sample Type	Sampled by: (Date)	Assay Specifications
Project:	TH-7		Logged by: (Date)	

Sample Number	Lith-ology	Colour	% Vein Quartz	Quartz Colour	Alteration	Mineral'n	Description/Comments	Au	As	Cu	Pb	Zn
30-31	SLATE	dk grey	tr.			tr. v-f. sulph.		.07	55	25	35	105
31-32	f.SST/SL.	red/dk grey	20	wht		Com. arspy. py.		.02	700	30	25	80
32-33	f.SST	A/A	40	wht		abund arspy.		.03	700	15	20	50
33-34	m-f SST	grey	50	wht		"		.06	1500	15	20	40
34-35	f.-SST.	grn grey	50	wht, blu grey	Kaol.	tr. v-f. sulph.		<.01	200	15	20	30
35-36	f.SST/SL.	grn grey	70	wht, grn	Kaol.	tr. C. arspy, v-f. sulphide.		.03	550	20	15	30
36-37	f-m SST	grn grey	70	wht	Kaol.	C., v-f arspy, heavies.		<.01	210	15	25	30
37-38	"	A/A	90	wht, grey	Kaol. wht mica	C, v-f. arspy, heavies minor banding in QTz.		1.10	1000	20	20	35
38-39	"	A/A	95	wht grey	"	" "		.01	330	10	15	30
39-40	f.SST/SL.	grn grey	40	wht	Kaol.	tr C. arspy, v-f. heavies.		<.01	390	50	15	115
40-41	"	grn brn	50	wht	Kaol. chlor. mica		silver wht mica	.01	125	55	30	170
41-42	"	A/A	40					<.01	125	65	50	155
42-43	SLATE	brn grey, grn grey	10	wht	minor kaol.			<.01	50	35	20	120
43-44	SLATE/FLINT	grn grey/off wht	-				Flint ~5%	<.01	45	55	35	115
44-45	SLATE	A/A					minor Flint.	<.01	30	45	30	110
45-46	"	grey	tr.					<.01	50	55	45	125
46-47	"	grey, lt brn	tr			tr v-f heavies	Abund. WATER AT 47 MTS	<.01	50	55	40	120
47-48	SL/f.SST.	med-dk grey	20	wht	Kaol.	tr. v-f. sulph, heavies.	SLATE/lustrous.	<.01	40	55	35	130
48-49	SLATE	grn grey			abund Fe oxide	Com. v-f. pyr.	Abund. WATER (Fracture?)	<.01	45	50	50	125
49-50	"	med grey	2	wht	tr. Fe oxide.	tr. v. f. sulph.	large wet sample.	<.01	45	60	45	120
50-51	f-mSST/SL	lt-dk grey	2	wht	tr	tr. C. arspy, v-f. sulph.	large wet sample.	<.01	30	30	40	65
		EOH. SLMS.										
			BASE	PARTIAL	OXID ≈ 19 MTS.							

PEGASUS GOLD AUSTRALIA — SAMPLE LOG SHEET — 427089

Tenement: EL 55/83 | Location/Site: TH-B EAST GRID 4650 N/1095 E AZ 011 mag DECL. -50° | Sample Type: R.C. PERCUSSION DRILL CUTTINGS 3kg. SPLITS. | Sampled by: K.M. (Date) 19/12/89 | Logged by: K.M. (Date) 19/12/89 | Assay Specifications

Project: TOWER HILL

Sample Number	Lith-ology	Colour	% Vein Quartz	Quartz Colour	Alteration	Mineral'n	Description/Comments	Au	As	Cu	Pb	Zn
0-1 mts.	SLATE	dk. brn			weathered			<.01	10	60	120	105
1-2	"	A/A	5	wht, Fe stained				<.01	10	40	75	80
2-3	SL/v f SST	brn - grybrn	50	wht Fe stain	Haem. stain.			<.01	9	40	15	80
3-4	SLATE	rdbrn, grybrn	30	"				<.01	9	45	30	65
4-5	"	A/A	20	wht.				.01	6	50	20	95
5-6	"	dk. brn	-					.40	8	45	15	95
6-7	"	A/A	-					.01	22	50	70	95
7-8	"	lt grnsy-brn	-					<.01	22	40	50	110
8-9	"	lt grn brn					20% heavily oxid.	<.01	18	30	15	90
9-10	M SST/SL	rdbrn/grn.			Fe pisoliths.		heavily oxid.	<.01	50	115	20	110
10-11	SLATE	lt grn - brngy						<.01	26	85	15	120
11-12	"	A/A.			Haem. stain.			<.01	16	60	45	100
12-13	"	A/A						<.01	16	50	35	90
13-14	"	dk brn - yellbrn					half oxid.	.02	16	60	35	110
14-15	"	lt grn grybrn			Fe stain.			<.01	9	35	20	100
15-16	"	A/A						<.01	7	45	10	105
16-17	"	A/A						<.01	6	25	5	95
17-18	"	A/A						<.01	6	35	30	110
18-19	"	A/A.					minor oxid. slate	<.01	7	40	45	120
19-20	"	A/A						<.01	8	45	15	125
20-21	"	A/A						<.01	8	50	15	120
21-22	"	A/A.					DAMP. sample 21 mts.	<.01	10	10	45	5
22-23	"	grn grey						<.01	10	45	15	110
23-24	"	grn grey	tr.					<.01	10	35	10	105
24-25	SL/flint	grngrey/offwht					abund. clayey slimes.	<.01	12	40	25	110
25-26	SLATE	grn grey						<.01	12	40	10	110
26-27	"	A/A						<.01	10	40	5	105
27-28	"	A/A						<.01	12	40	10	105
28-29	"	A/A				tr. v. f. pyr.		<.01	8	40	5	110
29-30	"	grn grey						<.01	12	45	5	115

PEGASUS GOLD AUSTRALIA — SAMPLE LOG SHEET — 427090

Tenement:	Location/Site	Sample Type	Sampled by: (Date)	Assay Specifications
Project:	TH-8		Logged by: (Date)	

Sample Number	Lith-ology	Colour	% Vein Quartz	Quartz Colour	Alteration	Mineral'n	Description/Comments	Au	As	Cu	Pb	Zn
30-31	SLATE	grn grey						<.01	12	45	10	130
31-32	"	A/A	tr.				Selvage qtz in vein	<.01	12	45	15	115
32-33	"	A/A	-				WATER AT 33 MTS.	<.01	14	60	60	160
33-34	"	med. grey			tr. Fe oxide.			<.01	12	45	10	120
34-35	SL/Sltst	med grey			hard		very small sample	<.01	12	50	30	135
35-36	"	A/A	tr.					<.01	12	40	5	105
36-37	SLATE	med grey	10	wht. grn	Kaol.		slow drilling - hard	<.01	14	40	15	105
37-38	"	A/A	10	"				<.01	13	35	15	85
38-39	"	med grey ltgrnbrn	5	wht. brn				<.01	18	40	80	95
39-40	"	A/A	5	"				<.01	14	35	50	105
40-41	"	A/A	5	wht				<.01	12	40	25	115
41-42	"	A/A	20	wht				<.01	8	35	15	105
42-43	"	med grey ltgrnbrn	5	wht grn pink brn				<.01	12	40	10	110
43-44	"	grn grey	-		hard			<.01	12	45	65	130
44-45	"	A/A	-					<.01	12	35	10	110
45-46	"	A/A	-					<.01	10	40	15	110
46-47	"	A/A						<.01	12	40	15	105
47-48	"	A/A						<.01	16	40	15	115
	EOH 48MTS											
			BASE	PARTIAL	OXID ~ 22MTS							

PEGASUS GOLD AUSTRALIA — SAMPLE LOG SHEET — 427091

Tenement: EL 55/83	Location/Site: TH-9 EAST GRID 668N/894E AZ 010 mag. DECL. -60°	Sample Type: R.C. PERCUSSION DRILL CUTTINGS 3kg. SPLITS.	Sampled by: K.M. (Date) 14/12/89	Assay Specifications
Project: TOWER HILL			Logged by: K.M. (Date) 20/12/89	

Sample Number	Lith-ology	Colour	% Vein Quartz	Quartz Colour	Alteration	Mineral'n	Description/Comments	Au	As	Cu	Pb	Zn
0-1 MTS.	SLATE	brn, brngry	2					<.01	12	40	30	95
1-2	"	"						<.01	12	40	20	100
2-3	"	lt gry, brngry						<.01	12	40	25	105
3-4	"	lt gry-gry, brn					half oxid	<.01	14	40	20	100
4-5	"	lt brn gry						<.01	12	40	15	105
5-6	"	A/A						.01	12	40	15	100
6-7	"	A/A						.01	12	35	10	105
7-8	"	A/A.					half oxid.	<.01	14	30	15	100
8-9	"	A/A.					20% oxid.	.01	16	30	15	100
9-10	"	A/A.					minor qtz wht slate	.01	30	45	110	80
10-11	"	lt gry, brngry						<.01	18	40	35	95
11-12	"	A/A						<.01	26	40	35	115
12-13	"	A/A.						<.01	24	45	35	115
13-14	"	A/A.						<.01	28	35	10	105
14-15	"	A/A						.01	30	35	25	110
15-16	"	lt blk gry						.01	36	40	90	105
16-17	"	ltgry-brngry						.02	36	30	20	75
17-18	"	A/A.						.01	85	50	25	55
18-19	"	A/A	tr.				WATER AT 19 MTS.	<.01	24	40	25	75
19-20	SLATE	lt gry-brngry	40	wht, dk bands	Fe stain on Qtz		half oxid.	.01	60	45	20	55
20-21	SLATE	ltgry-brngry					half oxid.	.02	70	50	35	80
21-22	"	A/A.	tr.					.01	60	55	30	115
22-23	"	A/A	-				very poor light.	<.01	18	45	25	95
23-24	"	lt gry.					large sample.	<.01	18	45	10	95
24-25	"	A/A.					normed sample	<.01	38	35	20	120
25-26	"	A/A			minor Fe. oxid.		large sample	<.01	26	35	5	110
26-27	"	A/A.						<.01	26	40	5	120
27-28	"	lt gry-brn					half oxid.	.01	22	45	25	100
28-29	"	A/A						<.01	20	30	20	95
29-30	"	"	tr.					<.01	19	35	15	115

427092

PEGASUS GOLD AUSTRALIA — SAMPLE LOG SHEET

Tenement:	Location/Site	Sample Type	Sampled by: (Date)	Assay Specifications
Project:	TH-9		Logged by: (Date)	

Sample Number	Lith-ology	Colour	% Vein Quartz	Quartz Colour	Alteration	Mineral'n	Description/Comments	Au	As	Cu	Pb	Zn
30-31	SLATE	lt grey - brn					half oxid.	<.01	30	35	30	65
31-32	"	lt grey						<.01	20	40	30	110
32-33	"	lt grey brn	50	grey brn.	Fe stain on RTZ			<.01	16	85	30	100
33-34	"	lt grey	-					<.01	9	40	25	95
34-35	"	A/A					large sample	<.01	7	30	25	85
35-36	"	A/A						<.01	6	30	20	90
36-37	"	A/A				tr. f sulph.		.01	7	25	15	80
37-38	"	A/A				tr. c. arspy. & f. sulph.		.01	14	35	20	95
38-39	SLATE	lt grey						<.01	13	30	25	80
39-40	"	lt grey	30	grey brn.	tr. kaol.		Fe stain on RTZ.	<.01	4	30	5	80
40-41	"	lt grey	-					<.01	13	75	35	110
41-42	"	A/A						<.01	8	35	20	85
42-43	"	A/A	tr.	brn.				<.01	2	35	<5	90
43-44	"	A/A	tr.	wht.				3.11	7	30	30	75
44-45	SLATE	lt grey.	-					.01	8	30	20	80
	EOH 45 MTS.											
			BASE	PARTIAL OXID = 33 MTS.								

PEGASUS GOLD AUSTRALIA — SAMPLE LOG SHEET — 427093

Tenement: EL55/83	Location/Site	Sample Type	Sampled by: K.M (Date) 20/12/89	Assay Specifications
Project: TOWER HILL	TH-10 EAST GRID 5524N/9675E AZ 280 mag. DEL. -50°	R.C. PERCUSSION DRILL CUTTINGS. 3kg. SPLITS.	Logged by: K.M. (Date) 20/12/89	

Sample Number	Lith-ology	Colour	% Vein Quartz	Quartz Colour	Alteration	Mineral'n	Description/Comments	Au	As	Cu	Pb	Zn
0-1 MTS	SLATE	brn gry	tr.					<.01	11	30	40	50
1-2	"	A/A	-					.01	7	35	35	70
2-3	"	brn gry	30	wht, dk banding				.02	12	30	50	40
3-4	"	lt gry, brn gry						.01	20	35	30	50
4-5	"	gry, brn gry						.15	16	45	30	50
5-6	"	A/A						<.01	18	40	30	50
6-7	"	brn gry	tr.	wht, dk banding				<.01	7	35	20	60
7-8	"	lt gry gry-brn					heavily oxid.	<.01	22	30	30	55
8-9	"	gry - brn	20	wht		tr. v.f. heavies		.01	12	35	25	65
9-10	"	A/A	tr.			tr. v.f. heavies.		<.01	14	30	35	25
10-11	"	lt gry. brn	30	wht	Fe stain.	v.f. sulph, heavies	Fe stain on QTZ SLATE.	.01	42	20	25	50
11-12	"	A/A	80	wht	Fe stain	tr. v.f. arspy, heavies	heavily oxid.	.20	70	35	25	80
12-13	"	A/A	70	wht	"	tr. v.f. sulph heavies	"	.35	70	15	40	75
13-14	"	A/A	80	wht.	Fe stain	abund v.f. sulph, heavies	Fe stain on QTZ.	.81	85	30	55	115
14-15	SL/f. SST	grey	30	wht.	min. Fe stain			.28	9	30	25	85
15-16	f-m SST.	grey	tr.			tr. v.f. heavies.		.06	7	70	35	105
16-17	f-m SST	med grey.	5	wht		tr. v.f. heavies.	tr. disseminated organic debris.	<.01	22	15	15	50
17-18	"	A/A	-					.02	55	15	5	40
18-19	"	A/A	-					<.01	24	15	10	45
19-20	"	A/A	10	wht		tr. v.f. sulph.		<.01	50	20	15	65
20-21	"	A/A	5	wht		tr. v.f. sulph, arspy.		<.01	40	15	10	40
21-22	"	A/A	-			tr. v.f. sulph.		<.01	36	15	20	40
22-23	m-f. SST	med. grey	10	wht		tr. v.f. sulph. arspy		<.01	42	15	10	35
23-24	"	A/A	2	wht		v.f. sulph.	clean cyclone mudcake.	.01	34	15	10	40
24-25	"	A/A	2	wht		com v.f. sulph. c. arspy.		<.01	36	15	15	40
25-26	m-f SST.	med grey	-			tr. v.f. sulph.		.01	34	15	10	40
26-27	"	A/A	2	wht		"	black staining on QTZ	<.01	36	15	15	40
27-28	m-C. SST	dk, lt grey	40	wht, brn, pink		abun-c. arspy. v.f. sulph.		<.01	50	15	10	30
28-29	M. SST	A/A	10	"		com v.f. sulph.		<.01	65	10	10	45
29-30	"	A/A	60	"		abund. c. arspy, v.f. sulph.	arspy on SST. QTZ.	.01	220	15	15	30

PEGASUS GOLD AUSTRALIA — SAMPLE LOG SHEET — 427094

Tenement:	Location/Site	Sample Type	Sampled by: (Date)	Assay Specifications
Project:	TH-10		Logged by: (Date)	

Sample Number	Lith-ology	Colour	% Vein Quartz	Quartz Colour	Alteration	Mineral'n	Description/Comments	Au	As	Cu	Pb	Zn
30-31	f. SST	grey brn	95	wht	Kaol-wht Kaol.	Tr·c.f. sulph.		.23	1050	15	20	25
31-32	m. SST	A/A	30	wht, waxy		abun. c. arspy. v.f. sulph.		.30	760	15	15	25
32-33	f-m. SST	med. grey	10	wht		com. c. arspy v.f. sulph.		.01	280	15	25	25
33-34	f-SST/Sl.	grey dk grn	60	wht	Kaol.	com. c. arspy. v.f. sulph.		.02	460	170	100	55
34-35	"	A/A	5	wht		"		<.01	230	25	25	50
35-36	f-m. SST	lt grey	50	wht		tr. c. pyr. ? cpy. v.f. sulph.		<.01	55	45	20	35
36-37	"	A/A	50	wht		tr. v.f. sulph.		<.01	50	25	20	40
37-38	f-m SST/Sl	med grey/dk grey	35	wht, blu. grey		com. v.f. sulph.	pyr. in QTZ, SST.	.03	210	15	15	45
38-39	f-m SST	A/A	40					.01	125	10	15	40
39-40	"		10	wht.	min. kaol.	com. c. arspy. v.f. sulph.		.02	1900	10	20	40
40-41	SLATE	dk grey	-		min. kaol.	tr. v.f. sulph.		.01	125	30	25	95
41-42	"	A/A	5			"		.01	75	40	20	100
42-43	"	A/A	-				WATER AT 42 MTS	.01	85	40	25	100
43-44	"	A/A	-					<.01	90	40	25	90
44-45	"	grn grey				tr. v.f. pyr.		<.01	65	40	25	90
45-46	"	"				-		.01	50	80	15	100
46-47	"	A/A						<.01	55	40	30	100
47-48	"	dk grey.						<.01	44	35	10	95
	EOH	48 MTS.										
			BASE	PARTIAL	OXID ≈ 15 MTS.							

PEGASUS GOLD AUSTRALIA — SAMPLE LOG SHEET — 427095

Tenement: EL55/83	Location/Site: TH-11 EAST GRID 575 N/1005 E AZ 280 mag. DECL. -50°	Sample Type: R.C. PERCUSSION DRILL CUTTINGS 3kg. SPLITS.	Sampled by: K.M (Date) 21/12/89	Assay Specifications
Project: TOWER HILL			Logged by: K.M (Date) 21/12/89.	

Sample Number	Lithology	Colour	% Vein Quartz	Quartz Colour	Alteration	Mineral'n	Description/Comments	Au	As	Cu	Pb	Zn
0-1 MTR.	SLATE	lt grn brn						<.01	16	25	25	95
1-2	"	A/A	tr.					.01	13	25	45	110
2-3	"	gra gry - yell brn						<.01	16	25	15	95
3-4	"	A/A						<.01	12	25	25	85
4-5	"	gra gry. lt brn	2	wht				<.01	11	35	30	100
5-6	"	gra gry lt brn						<.01	16	30	40	115
6-7	SL/Sltst.	gry. brn						<.01	8	40	10	105
7-8	SLATE	ltgry. brn					Slate partly oxid. partly ~~ustone~~	<.01	9	30	25	100
8-9	"	med gry			tr. Fe staining			<.01	8	25	25	95
9-10	"	A/A						.02	7	20	10	95
10-11	"	A/A	tr.					<.01	7	15	45	90
11-12	"	gra gry	30	wht. brn.	chlor. kaol. CO_3		Fe speckling on SLATE	<.01	8	30	25	95
12-13	SLATE	lt gry			min. Haem. speckling.			<.01	30	30	75	105
13-14	"	A/A						<.01	13	40	5	95
14-15	"	A/A						.01	9	40	15	105
15-16	f.SST/SL.	off wht/ltgry	10	wht, ribbons.			minor dk. banding, ribbons in QTZ.	<.01	7	30	35	95
16-17	"	A/A	2	waxy gra gry.				<.01	10	20	25	80
17-18	SLATE	grn. lt gry			tr. Haem. speckling			<.01	12	35	25	100
18-19	SL/f.SST	lt gry/off wht						<.01	24	140	25	95
19-20	SLATE	lt grn gry			tr Haem Speckling			<.01	9	35	45	100
20-21	SL/f.SST	ltgry/pale brn						<.01	8	25	25	90
21-22	SLATE	lt grn gry			Haem. speckling, staining.			<.01	9	15	10	90
22-23	SL/f SST	ltgry. pale brn	tr.					.01	8	25	25	110
23-24	SLATE	med gry			tr. Fe speckling			.02	12	25	5	90
24-25	SLATE	lt grn gry			? Clay, Haem. speckling.		com. lt. brn. ? clay in fines.	<.01	22	30	45	110
25-26	"	lt gry.						<.01	50	55	35	95
26-27	"	grn gry.			min. Fe speckling.			<.01	28	40	10	90
27-28	SL./f.SST	gra gry - lt gry.						<.01	12	30	25	90
28-29	SL/flint	ltgry. ltgrn			min. Haem. staining			<.01	12	30	10	100
29-30	SLATE	ltgrn. brn	10	wht, wavy brn	Haem Speckling			<.01	13	30	30	80

PEGASUS GOLD AUSTRALIA — SAMPLE LOG SHEET — 427096

Tenement:	Location/Site	Sample Type	Sampled by: (Date)	Assay Specifications
	TH-11			
Project:			Logged by: (Date)	

Sample Number	Lith-ology	Colour	% Vein Quartz	Quartz Colour	Alteration	Mineral'n	Description/Comments	Au	As	Cu	Pb	Zn
30-31	SLATE	grn/grey, brn						<.01	12	25	20	80
31-32	"	ltgra/grey				C. pyr.	pyrite in SLATE.	<.01	80	30	20	105
32-33	"	A/A						<.01	80	30	15	80
33-34	"	lt grey, fawn	50	wht, dk band	dy	tr. GOLD, abund.	c. arspy.	1.79	1300	20	20	70
34-35	SL/V.f.SST	lt. grey, lt brn	50		Kael. CO3	com. arspy.		0.63	3000	25	10	70
35-36	f-mSST	med grey	40	wht		abund. arspy		4.50	4700	10	80	70
36-37	f. SST.	A/A	90	wht		tr. c. arspy.		0.02	850	10	15	30
37-38	"	A/A	95	wht	min lt brn ? clay.	tr c. arspy.		.02	830	10	10	30
38-34	"	lt brn. grey	95	wht.		—		.02	125	10	5	40
34-40	m. SST.	med grey, fawn	70	wht.		com. c. arspy.		<.01	400	10	20	30
40-41	m. SST	med-dk grey	60	wht, yell, waxy.		abund c., v.f. arspy		.02	850	10	5	75
41-42	m. SST/SL.	med grey/blu grey	20	wht, yell, waxy.	lt brn ? clay			.18	800	35	20	65
42-43	m-f SST/SL	A/A	10				WATER AT 42 MTS.	.02	24	15	20	60
43-44	f SST/SL	A/A	10	wht, blu	lt brn clay	tr. c. arspy.	ribbons in SLA	.01	20	15	15	55
44-45	f SST/SL	grey/blu grey	5	wht, blu	lt brn clay			<.01	28	35	20	85
45-46	f-m SST	dk grey						.08	24	25	25	80
46-47	"	A/A						.01	46	15	15	65
47-48	f-m SST/SL	dk grey/blu grey	35	wht, grn		tr. arspy		.01	18	25	25	75
48-49	f. SST	dk grey.	10	wht				<.01	13	15	15	45
49-50	f. SST/SL	dk grey	10	wht				<.01	22	25	20	70
50-51	f-v.f SST/SL	lt brn-grey						<.01	12	20	20	70
		EOH	51 MTS.									
			BASE	PARTIAL	DRILLED	= 30 MTS.						

PEGASUS GOLD AUSTRALIA — SAMPLE LOG SHEET — 427097

Tenement: EL 55/83	Location/Site: TH-12 EAST GRID 598 N/995 E AZ 190 mag. DECL. -50°	Sample Type: R.C. PERCUSSION/DRILL CUTTINGS 3kg. SPLITS.	Sampled by: K.M. (Date) 21/12/89	Assay Specifications
Project: TOWER HILL			Logged by: K.M. (Date) 21/12/89.	

Sample Number	Lithology	Colour	% Vein Quartz	Quartz Colour	Alteration	Mineral'n	Description/Comments	Au	As	Cu	Pb	Zn
0-1 MTS	SLATE	lt grn gry-brn						<.01	12	20	20	80
1-2	"	A/A						<.01	13	25	10	75
2-3	"	brn, gry, off wht	2	wht				<.01	14	70	20	65
3-4	"	lt grn gry						<.01	13	30	5	95
4-5	"	A/A						<.01	28	75	10	90
5-6	"	blu gry	1	wht	Haem. speckling		slate lustrous	<.01	16	70	20	100
6-7	Sltst/f. SST.	grn gry	30	wht	Chlor.		slate lustrous	<.01	13	40	30	90
7-8	f. SST	grn. brn gry	tr		Chlor.			<.01	20	45	15	140
8-9	SLATE	grn gry	tr		Haem. speckling		silver lustre.	<.01	12	40	10	90
9-10	"	A/A						<.01	13	40	20	240
10-11	Sltst/Sltst.	grn/dk brn			Haem speckling - slate			<.01	9	30	30	90
11-12	"	A/A						<.01	12	30	20	90
12-13	"	A/A						<.01	13	35	10	90
13-14	"	A/A	tr.				thin qtz veins parallel to cleavage	<.01	19	45	30	100
14-15	SLATE	lt grn			Tr. Haem. stain, speckling			.01	9	25	20	90
15-16	"	grn, blu. grn						<.01	24	40	40	85
16-17	"	A/A						<.01	12	35	45	110
17-18	"	A/A						<.01	11	45	15	95
18-19	"	Grn gry lt brn			min. Haem. speckling			<.01	16	30	25	85
19-20	Sltst/f-SST	lt grn. brn gry	50	wht, brn, grey				.01	13	45	35	115
20-21	SLATE	lt gry grn - brn	tr.		Haem. speckling			<.01	32	50	25	110
21-22	"	lt grey grn - brn						.04	26	25	15	95
22-23	"	A/A	90	wht				.20	22	25	35	70
23-24	"	brn grn	tr.		Fe speckling		WATER AT 24 MTS.	.02	20	30	35	85
24-25	"	A/A						<.01	40	30	25	85
25-26	"	lt brn grn						.02	110	40	25	85
26-27	"	A/A						<.01	70	30	5	75
27-28	"	A/A						.01	90	30	5	85
28-29	"	A/A						<.01	42	30	5	100
29-30	"	lt grey						.01	85	35	45	105

PEGASUS GOLD AUSTRALIA

SAMPLE LOG SHEET

427098

Tenement:	Location/Site	Sample Type	Sampled by: (Date)	Assay Specifications
Project:	TH-12		Logged by: (Date)	

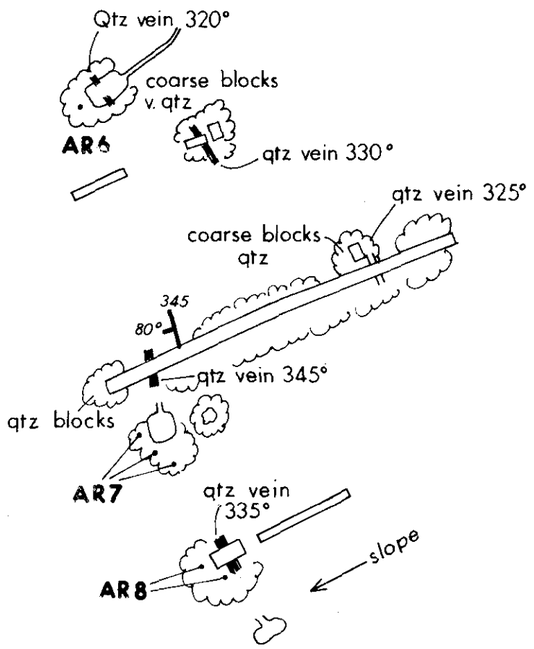
Sample Number	Lith-ology	Colour	% Vein Quartz	Quartz Colour	Alteration	Mineral'n	Description/Comments	Au	As	Cu	Pb	Zn
30-31	SLATE	A/A						<.01	105	30	20	110
31-32	SL/f.SST	brn grn - ltbrn	5	wht, pink				.01	44	35	90	65
32-33	SLATE	grn grey						.02	80	25	5	105
33-34	"	A/A						.03	70	30	<5	100
34-35	SL/f.SST	grn grey - brn	2	wht brn		tr. pyr.		.01	19	25	<5	80
35-36	SLATE	lt grn grey	tr					<.01	100	60	80	100
		E.O.H.	36 MTS									
			BASE	PARTIAL	OXID = 24 MTS							

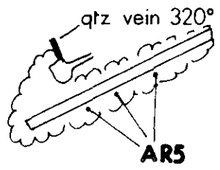
PEGASUS GOLD AUSTRALIA — SAMPLE LOG SHEET — 427099

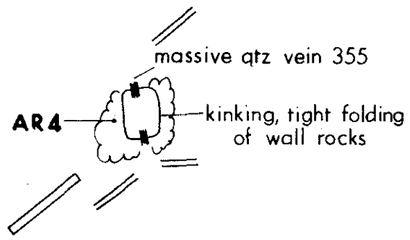
Tenement: EL 55/83	Location/Site: TH 43 EAST GRID 619 N/973 E AZ 190 mag. DEL -50°	Sample Type: R.C. PERCUSSION DRILL CUTTINGS. 3 kg. SPLITS	Sampled by: K.M (Date) 22/12/89	Assay Specifications
Project: TOWER HILL			Logged by: K.M. (Date) 22/12/89	

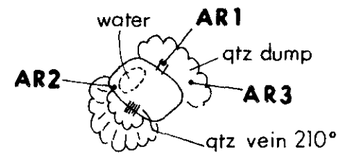
Sample Number	Lithology	Colour	% Vein Quartz	Quartz Colour	Alteration	Mineral'n	Description/Comments	Au	As	Cu	Pb	Zn
0-1 (MTS)	SLATE	gry grn - brn		-	minor Fe speckling			<.01	16	25	15	85
1-2	"	A/A						.02	13	30	15	65
2-3	"	A/A						.02	13	25	30	55
3-4	SLATE	yell brn	50	wht.			heavily oxid.	.16	20	30	33	45
4-5	"	A/A	50	wht				.09	28	35	35	95
5-6	SL/f. SST	A/A						.02	15	35	35	80
6-7	SLATE	yell brn - gry grn						.02	13	40	35	75
7-8	"	A/A	5	wht				.03	18	35	25	65
8-9	SL/v.f.SST	lt gry			com. Fe staining			.10	18	55	50	105
9-10	SLATE	dk gry - brn gry	50	wht	QTZ. Fe stained.			.22	24	45	45	25
10-11	SL/f-v.f.SST	brn - gry brn	30	wht		tr. v.f. ?pyr.	heavily oxid.	.32	32	30	45	35
11-12	SST - f.	lt brn	90	wht	QTZ. Fe Stained	" "		.02	48	20	50	30
12-13	SLATE/f SST	gry - brn	40	wht		" "	partly oxid.	.17	20	25	45	85
13-14	SLATE	dk gry, lt brn	20	wht, grn, brn	minor Fe speckling	" "	minor qutz ribbons	.01	32	45	60	110
14-15	f. SST	dk gry, blu gry	5	wht.		tr. v.f., c. Pyr.	dk. ribbons in qutz.	.01	26	15	25	70
15-16	f. SST	A/A	20	wht.		tr. c. pyr. in QTZ	WATER AT 16 MTS.	.02	70	20	35	60
16-17	"	lt gry, brn	50	wht		tr. v.f. pyr.	partly oxid.	.02	16	10	20	60
17-18	"	A/A	20	wht		tr. v.f. pyr, heavier		<.01	13	10	10	35
18-19	m-f. SST	lt gry			minor Fe staining	tr. v.f. sulph.		<.01	14	10	10	50
19-20	f-m. SST	lt gry, lt brn	Tr.			tr. v.f. sulph.		<.01	24	10	15	40
20-21	m-f. SST.	A/A	10	wht, yell.		com. sulph, heavier	SST lt brn on fractures	<.01	65	10	10	30
21-22	f. SST	dk gry, blu gry	40	wht		com. c, v.f arsp, pyr	dk ribbons in QTZ.	.03	940	10	10	30
22-23	"	A/A	20	wht			small sample - broken O-ring	.01	1360	25	25	55
23-24	"	A/A	5	wht			" "	.05	105	15	10	35
24-25	HOLE	ABANDONED - SAMPLES RECOVERED TO				24 MTS.						

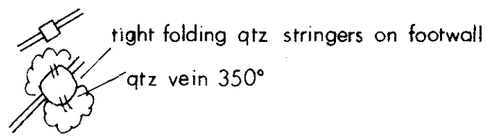
098

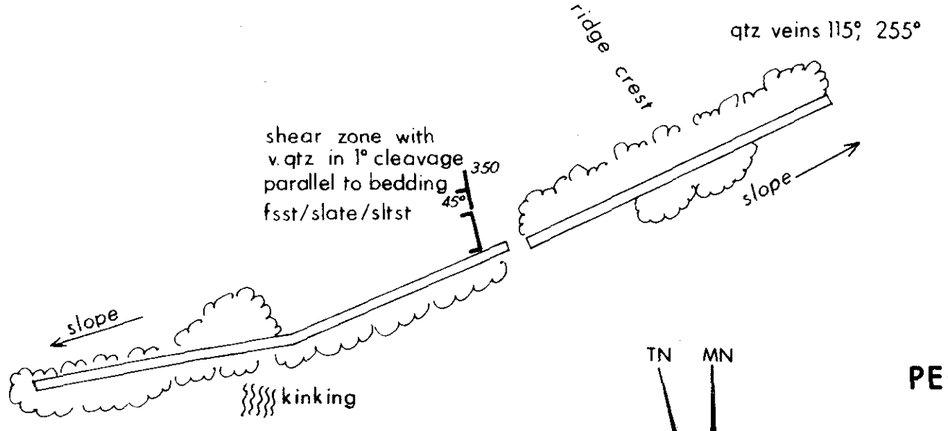












AR3 = composite rock chip sample location

LOCATION: Map centre approximately 571 660E, 5 395 450N

427100

5 cm

90-3197.

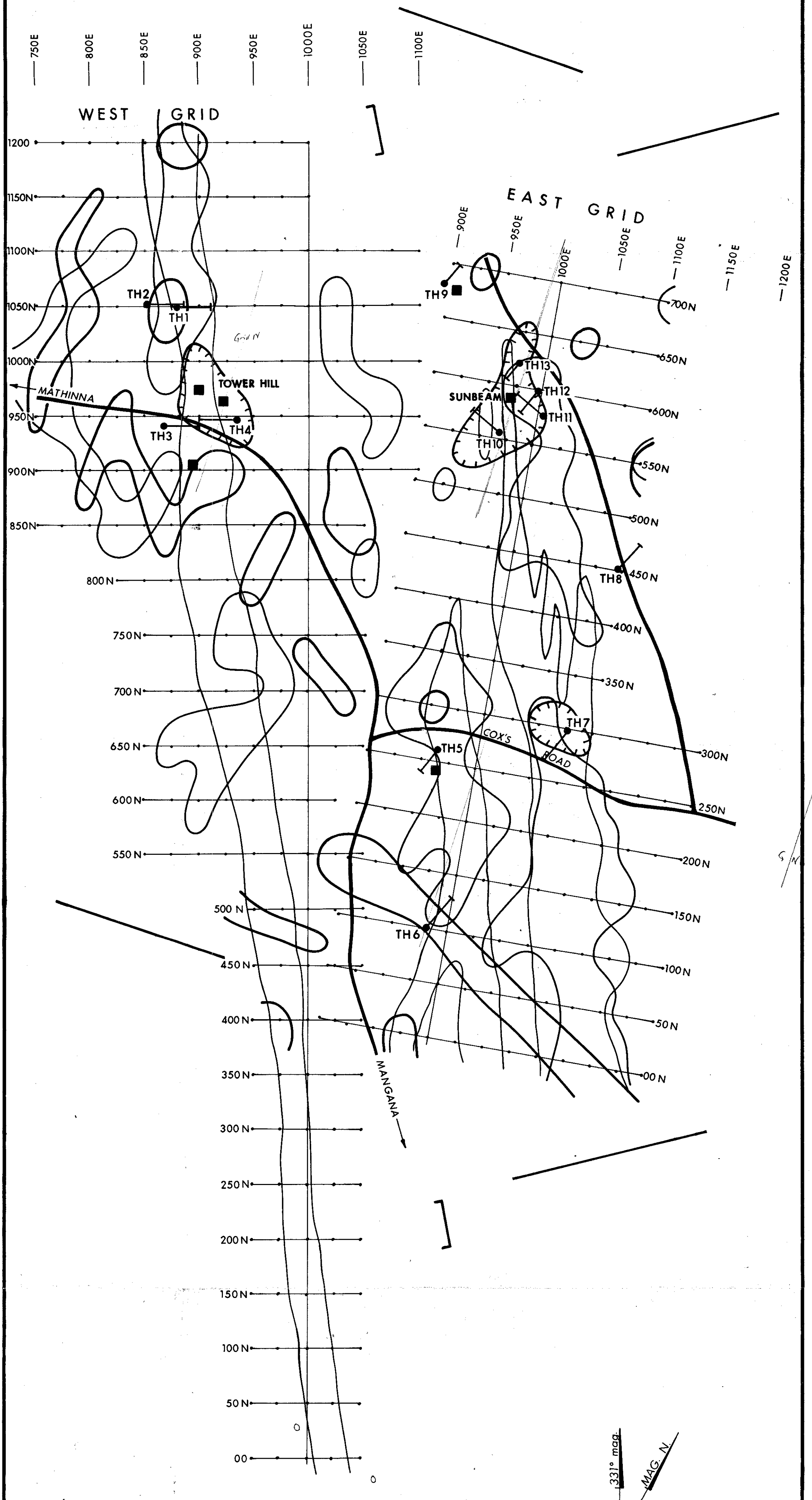
PEGASUS GOLD AUSTRALIA LTD

EL 55/83 – MANGANA, TASMANIA
CARDINAL (NORTH) WORKINGS

Compass and Pace Sketch Map

DECEMBER 1989 SCALE 1 : 500 KM/TKD

009



KEY

- Sandstone body
- Photo linear
- Primary cleavage dip & strike
- Main workings
- 10 ppm As
- 20 ppb Au
- 61820nT magnetics
- TH2 — Dec. 1989 R.C. drill hole location (inclined holes projected to surface)

0 100 200 metres

90-3197.

427101

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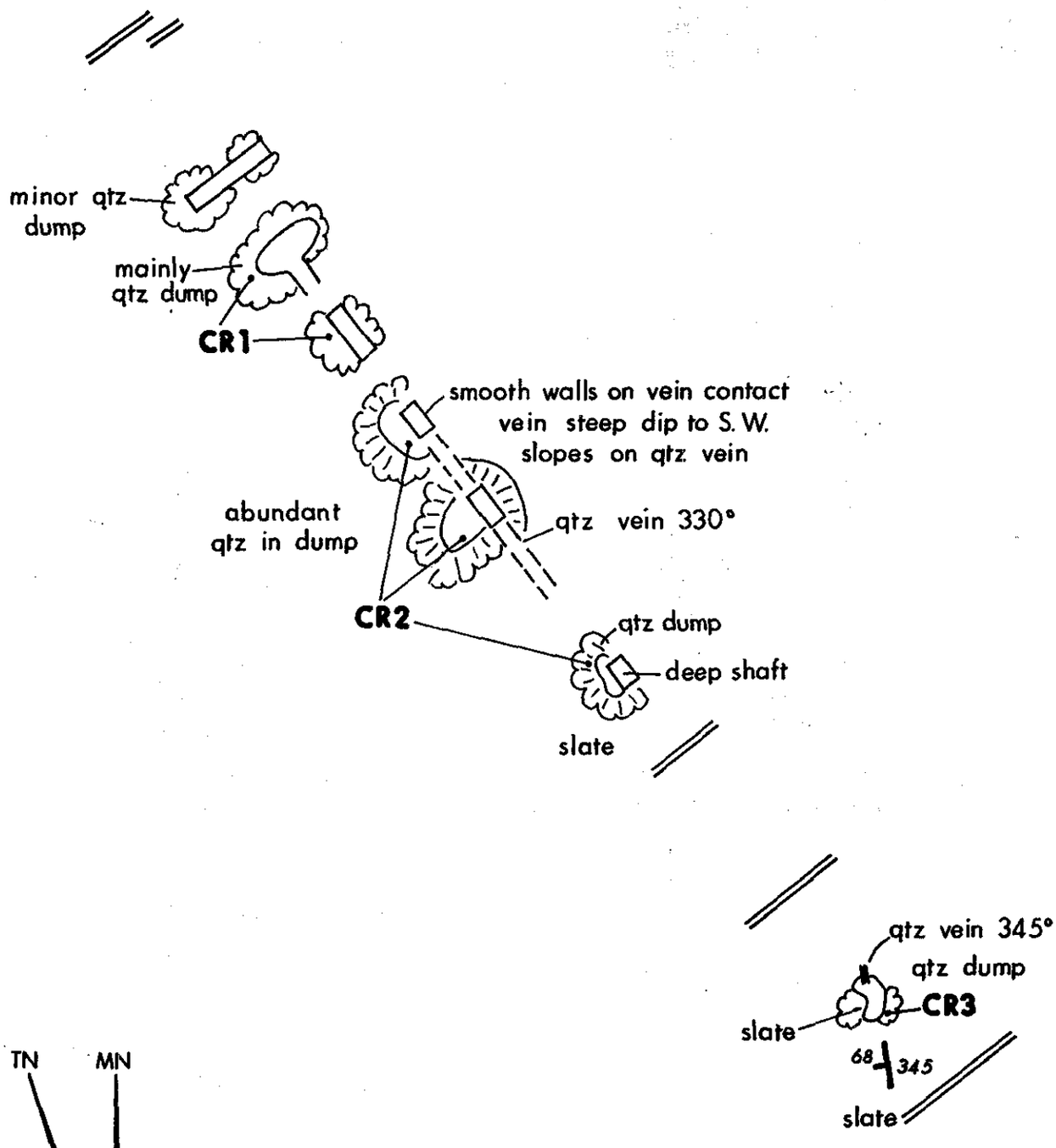
EL 55/83 - TOWER HILL PROSPECT, TASMANIA

PROSPECTIVITY MAP & 1989 DRILL HOLE LOCATIONS

MAY 1990

PLAN 2.

KM/TKD



427102

PEGASUS GOLD AUSTRALIA LTD

CR3 = composite rock chip sample location

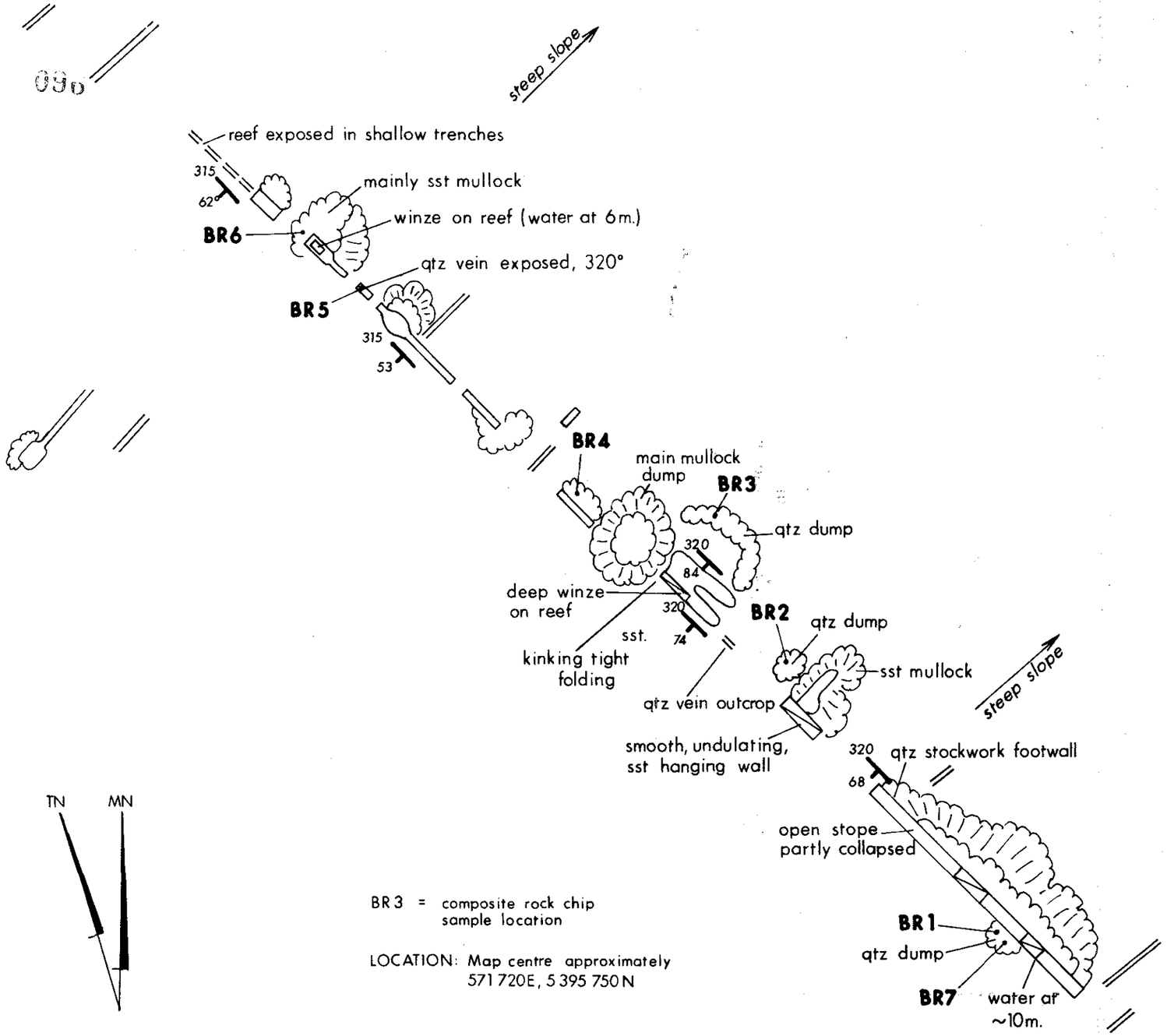
LOCATION: Map centre approximately 571720E, 5395290N

EL 55/83 - MANGANA, TASMANIA
CARDINAL (SOUTH) WORKINGS

Compass and Pace Sketch Map

5 cm

DECEMBER 1989 SCALE 1 : 500 KM/TKD



TN MN

BR 3 = composite rock chip sample location

LOCATION: Map centre approximately 571 720E, 5 395 750N

5 cm

427103

90-3197.

PEGASUS GOLD AUSTRALIA LTD

EL 55/83 - MANGANA, TASMANIA
BUCKLAND WORKINGS

Compass and Pace Sketch Map

DECEMBER 1989 SCALE 1 : 500 KM/TKD

097

x AREA OF UNMAPPED WORKINGS

Steep slope

further workings down gully
TFR18

GOLDEN GULLY

Steep slope

TFR2

Qtz dump

TFR1

mullock

Qtz dump

Adit 220°

Steep slope

Mainly Qtz dump

Qtz vein 350°

Trench in shallow pit

TFR17

Qtz veins 210°

shear zone at hanging-wall contact

steep decline

TFR8

TFR4

TFR3

shallow pit

massive Qtz vein, stoped

Qtz dump

TFR6

TFR7

TFR5

TFR9

open stope on Qtz vein

road

TFR14

Qtz vein 310°

TFR15

TFR16

TFR10

Qtz vein 230°

TFR12

Qtz dump

TFR11

collapsed decline

Qtz vein 330°

45°

break in slope

steep slope

Sst and Qtz

315

x centre large mullock heap on steep hillside

TFR13

Sst with Qtz stockwork veins
155, 110, 220, 175
230, 240, 250

break in slope

steep gully

rock foundation

TN MN

TFR13 = composite rock chip sample location

LOCATION: Map centre approximately 572070E, 5397620N

5 cm

427104

90-3197

PEGASUS GOLD AUSTRALIA LTD

EL 55/83 - MANGANA, TASMANIA
TOWER HILL FREEHOLD WORKINGS

Compass and Pace Sketch Map

DECEMBER 1989 SCALE 1 : 500 KM/TKD

LEAMAN GEOPHYSICS
Survey Review, Specification, Reduction, Interpretation
Gravity, Magnetic and Seismic Methods
Structure and Prospect Evaluation

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427105

AEROMAGNETIC SURVEY
EL 55/83 MANGANA

ACQUISITION REPORT
(INCLUDING PRELIMINARY INTERPRETATION)
for
PEGASUS GOLD AUSTRALIA LTD

by
Dr. D.E. Leaman

April 1990

90-3197A
MINES
File Ref. E.L. 55/83
31 OCT 1990
Doc. Ref.
Action Officer | Initials
REFER TO
COVER SHEET
30.8.90.

MATHINNA

OPEN FILE

427106

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INTERPRETIVE COMMENTS 4

CONCLUSIONS AND RECOMMENDATIONS 9

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1. EL 55/83 location
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3. Fine colour image of magnetic field
4. Repeated colour image of magnetic field
5. Monochrome image of magnetic field
6. SW illumination image of magnetic field monochrome
7. SW illumination image of magnetic field colour
8. Inverse image of horizontal gradient
9. Contours of magnetic field (S area)
10. Contours of magnetic field (N area)
Figures 9B, 10B present geological base
11. Colour image of uncorrected total radiometric counts
12. Prospect location map (also as overlay in Map 4 pocket)
13. Gross interpretation summary

MAPS

1. 1:25000 Line location map and fiducial references
2. Stacked profiles of magnetic field.
3. Contours of residual magnetic field.
4. Inferred trends and mineralisation.

SUMMARY

A new high resolution helicopter aeromagnetic survey of the Mathinna and Mangana region has shown that systematic but subtle variations in the magnetic field occur across the Mathinna Beds and may be associated with bedding and fracture systems.

This report describes specification and acquisition of the survey. It also includes a discussion of possible implications but further interpetation requires some re-examination of specific features observed at known mineralised sites.

The most persistent and largest features trend NNW-SSE. These may reflect bedding, formation strike, bedding cleavage or gross structures. There is a suggestion that these represent repetition of more susceptible units in plunging synforms and antiforms with a wavelength of about 5 km.

Many other lesser trends and lineaments can be recognised. These display orientations of 12, 50, 70, 105, 135, and 155 degrees approximately. It is not possible to define the relative significance of these features due to their variable presentation in different image or contour displays. Such features probably represent transverse or conjugate fracture sets.

The largest responses observed in the survey area can be associated with dolerite in situ or dolerite talus and gravels. The effects of these materials obscures the more subtle character of features around Tower Hill or near Tower Rivulet at Mangana.

Previously mined sites cannot yet be consistently explained by the observed elements of the magnetic field but it is possible to suggest that the intersection of litho-stratigraphic features and certain fracture or lineament sets might define the location of such sites or have produced favourable stress conditions near them. The 105 degree trend set may prove important in this regard although it is possible that it simply represents the tension direction for a shear couple oriented at 335-155 (NNW-SSE) or part of a conjugate. Other sites of this type exist.

The locations of known mineralised sites should be determined as accurately as possible and literature reviewed to assess suggestions of apparently more subtle fracture orientations at the site. Many observers may have described the vein orientation but omitted those details which may describe the stress environment. The magnetic data set may then be reviewed to confirm indications of trends at individual sites. Confirmation of the pattern suggested by the present work, or an equivalent pattern, would provide target focus.

The survey has also shown that airborne and detailed surface surveys can be correlated. Any features inferred from the aeromagnetic data can be located at surface using methods already established.

INTRODUCTION

EL 55/83, Mangana, covers all of the most productive portions of the Mangana-Mathinna goldfield in north east Tasmania (Figure 1).

Leaman (1989) noted that negligible modern exploration has been undertaken in the area and that no definitive exploration guidelines yet exist - either stratigraphic, structural, geophysical or geochemical. The nature, and controls on location, of the gold-bearing mineralisation are simply not known or understood.
A ground magnetic survey of the Tower Hill area, central to the EL, was undertaken in an attempt to evaluate the cost effectiveness of magnetic methods for the definition of lithologic changes, fracture trends and alteration/ mineralisation.

The results of the ground trials were discussed by Leaman (1989). Although the data were noisy there were systematic correlations suggestive of lithological variations and major lineaments oriented at 65, 90 and 150 degrees approximately. There was also a suggestion that the intensity of the magnetic field was diminished in the vicinity of known mineralisation. These encouraging results indicated that a high resolution airborne survey might provide a detailed appraisal of the entire EL, perhaps establish some patterns for known mineralised sites, and suggest other targets for review.

A previous aeromagnetic survey in 1989, by the Department of Mines (Richardson, 1989), had failed to provide any detailed assistance. This failure was presumed due to factors such as line spacing and terrain clearance in an area with subtle variations in the magnetic field. This judgment was based on the nature of the ground data and predictions of its character at proposed flight elevations.

A new aeromagnetic survey was specified with the lowest feasible terrain clearance, close line spacings (as survey and tie lines), and a sensitive magnetometer.

This report details the new survey and preliminary implications. It is intended as an outline of specifications and to foster discussion and close inspection of the observations and their correlation with the complex geology of the area.

MAGNETIC SURVEY

SPECIFICATION

Specifications for the survey were determined by the previous experience provided by the Mines Department survey (Richardson, 1989) and the need to resolve possible alteration features and subtle trends such as inferred by Leaman (1989). Since it is not yet known whether the magnetic method is of exploration value in the Mathinna environment it was important to ensure that a fair and substantial trial of the application was permitted. The best practicable specification was defined.

Line spacing: 150 metres N-S
Tie line spacing: 400 metres E-W
Nominal terrain clearance: 80m.
Sample interval: < 10 m.
Magnetometer sensitivity: < 0.01 nT.

The line balance and orientation reflects the general form of the terrain and the need to define sub E-W or NW-SE and SW-NE trends as suggested by ground work and the Mines Department survey. Rigorous draping necessitated use of a helicopter. Use of fixed wing aircraft, a higher nominal clearance and general wide variation in that clearance effectively destroyed the resolving power of the Mines Department survey in what proved to be a very low relief magnetic field environment.
The close sampling and high sensitivity was considered essential if the survey was to stand as a useful long term reference and also provide detail commensurate with established surface indications.

It was anticipated that the subtractive (alteration?) effects inferred at surface would present wavelengths and amplitudes of the order of 200 m and 5 nT maximum respectively.
These requirements forced the minimum specifications defined.

Multichannel radiometric data were also specified but no commitment was made toward processing of that data pending inspection of the raw data.
(This data has not yet been processed and it is not likely that it will be)

SURVEY

The survey was flown in February 1990 by Geo Instruments Pty Ltd under the supervision of Zoltan Beldi using a G-813 proton precession magnetometer in a towed bird and a GR 3001 spectrometer with 16.8 l capacity.

An equivalent magnetometer was used as base station and the

survey was completed in seven days (four survey, three lost due to weather and storms).

Survey tracking was visual supported by colour video using topographic basemaps and aerial photographs with a recovery scale of 1: 10000. No difficulties were experienced in this area due to variability of terrain, vegetation and cultural features.

Total line coverage was about 2100 km. Line recovery and line location details are presented in Map 1 (folder).

PROCESSING

Flight path digitising, processing, gridding and mapping were performed by Pitt Research Pty Ltd of Sydney.
IGRF 1985 was removed from the data and a scalar of 5000 nT added to residual data.
The stability of gridding and acquisition was tested by preparation of pixel image maps which expose line misties. The many cross ties generated by this survey were adjusted by spline interpolations in both directions.

A contour interval of 0.5 nT was selected for the primary presentation (Map 3 - folder) due to the low relief of the magnetic field. The background noise observed, with patterns similar to ground surveys, is evident in Map 2. Much of this noise has been removed by the gridding process and is not evident in Map 3.

Radiometric data has not been corrected, levelled or compiled beyond the raw presentation shown in Figure 11.

DATA PRESENTATION

Maps 1, 2 and 3 (folders) provide detailed presentation of the survey coverage, observed profiles and contours of the magnetic field at 1: 25000 scale.

Figures 2 to 8 provide pixel image versions of the magnetic data using various colour and lighting combinations. Figure 8 presents the horizontal gradient. Figures 9 and 10 provide reduced versions of Map 3.

All images were prepared by Pitt Research Pty Ltd.

Figure 12 supplies a plot of past workings. The mineralised sites were derived from Calver et al (1988) and is not necessarily complete. This plot is at the same scale (1: 100000) as the images and a transparency is included in the pocket with Map 4.

INTERPRETIVE COMMENTS

The following comments outline possible correlations and implications within and of the data set with respect to exposed geology and mineralised sites.

The principal object of this discussion has been to assess observed features and possible identification of patterns and relationships which may lead to explanation of known sites and prediction of possible targets for follow-up study.

All styles of presentation have been reviewed.

FIGURE 2 suggests the first order character of the magnetic field. The features illustrated in this coarse colour image are comparable with those observed in the Mines Department survey (Richardson, 1989). These include relative highs in the NE and SW, and north of Tower Hill. The additional detail afforded by this new survey, even in six colour format, is sufficient to reveal character in the central feature extending from the NW to SE of the area.

There is no known basis for the alternation in field intensity although there is a gross correlation between primary antiforms and synforms (compare Calver et al, 1988, especially section EF). The axis of relatively low intensity may be correlated with a synform. If this correlation is valid then the first order structure trends NNW-SSE.

The apparent loss of symmetry in Figure 2 is due to the structure and dolerite content around Tower Hill (571 000 mE, 5400 000 mN). The actual dolerite masses are reflected by the three orange anomalies. The remainder is clearly talus but this disorganised magnetic material, coupled with the geometry of the mountain and the capping dolerite fragments, has generated the abrupt negative effect. The NW-SE trending feature at 572 500, 5401 000 is due to a dolerite dyke. Part of this feature is exposed and was mapped by Calver et al (1988).

Combination of these general source inferences suggest, from SW to NE, a broad antiform SW of Mangana, a N plunging synform NE of Mangana, a relatively narrow antiform across the centre of the area, a major S plunging synform through the Mathinna area and an antiform NE of Mathinna (see Figure 13). If this style of interpretation is valid then the various pinch points within each form may represent domal interference crests. The Mathinna synform, implied to plunge south from Mathinna, is pinched at Mathinna and the structure (anomaly form) widens northward. This could be considered to represent a northward plunge north of Mathinna. Mathinna would, in this view, be located on a fold interference crest, but within a broad synform.

If the prospect map (Figure 12) is overlaid on Figure 2 no obvious correlations can be recognised between mineralised sites and magnetic field intensity. Mathinna mineralisation lies within the possible NE synform, some sites are peripheral to the central axis, while those near Mangana lie within the SW antiform (?). The Mangana groups also appear distinctive.

FIGURE 3 presents a more highly resolved colour image. All the primary elements seen in Figure 2 can be recognised but some lateral trends are more obvious. The colour separation SW of Mangana also stresses internal character in this zone of elevated field.

It should be noted that the actual variations between high and low field intensity in this area are very small, mostly less than 10 nT (see Map 3).

The strong anomalies in the Mangana region (Figures 9, 10, Maps 2 and 3) are due to exposed talus rich in dolerite and stream deposits with a dolerite gravel base. In other areas these sources would be swamped by the effects of other, more magnetic materials. In this area they are the most strongly magnetised bulk material - excluding the very small amounts of dolerite which cap Tower Hill. All of these materials were indicated by Calver et al (1988) and were derived from erosion of the Tower Hill region. Only the northern tributaries , and main course, of Tower Rivulet after their confluence at Mangana carry these materials. The magnetic data show that the main stream is relatively free of dolerite west of Mangana.

Overlay of Figure 12 fails to suggest any systematic correlation with prospects. The Mangana sites are now seen to lie in quite different regimes; the Tower Hill and Scott & Pickett groups appear on either side of the central feature; the southern Mathinna field appears to lie on an accessory NNW-SSE feature within the trough of anomaly, and the Golden Gate appears unique.

FIGURE 4 provides additional detail on the character of the field and the N-S asymmetries within the broad regions defined by Figures 2 and 3. The repetitions of colour limit cross correlations but do stress some sinusoidal character and cross cutting features (Figure 13). Tower Rivulet appears to occupy one of these.

Comparison of Figures 4 and 12 fails to provide any consistent pattern although the south Mathinna, Tower Hill and Mangana groups (except those near Bucklands Hill ; 572 000, 5395 500) lie on or near a NNW-SSE trending feature or gradient. Other sites may, but none are unambiguously presented.

FIGURE 5 provides a monochrome version of Figures 2 to 4. This fails to improve the correlation problem or suggest any explanation of mineralised sites although there are now distinct suggestions of NE-SW disturbances affecting all NNW-SSE features. See especially the central anomaly between 5398 and 5403 000 mN.

FIGURE 6 presents a shadowed perspective version of Figure 5. Pitt Research assigned the lighting to the NW mistakenly; it is from the SW.
This figure draws out the fine character and cross grain within the magnetic field. Many features trending NW-SE are evident. More than one orientation can be noted from this quadrant. The principal grain (NNW) is also subdivided and suggestive of individual units or belts of rock properties or lithologies.

Overlay of Figure 13 is now much more revealing. The mineralised sites now appear to be associated with lit images, or slight ridges and gradients, and WNW-ESE trending lineaments or fractures. Within the resolution afforded by the image and the location precision of the prospects there are no exceptions.

FIGURE 7 combines the colour scheme of Figure 2 with the fine detail of Figure 6. The illumination is from the SW, not NW as stated on the figure. The colour, unfortunately, obscures some of the detail and the correlations noted above are less convincing. The combination of features does suggest, however, that the mineralisation is not related to any particular horizon or structural member or feature; but rather to a combination or intersection of features and their stress fields.

FIGURE 8 presents the horizontal gradient as an inverse image. This clearly exposes the dolerite-sourced features near Tower Hill and in the tributaries of Tower Rivulet. The NNW-SSE grain is also picked out and shown to be most pronounced in the NE and central SW of the area where multiple bands may be observed. The central zone, so dominant in other presentations is seen to be discontinuous and to differ NW and SE of the isolated anomaly near 574 500 mE, 5402 000 mN.

This presentation has also recovered the NE-SW structures which are not evident in Figures 6 and 7 but grossly indicated in Figure 5. These are not uncommon. This observation shows that the partial illumination images may only reveal some of the character and only in particular orientations. All features may be observed in the contour format after some acclimitisation (Figures 9, 10 and Map 3).

Comparison with Figure 12 confirms some association with WNW-ESE trending features in many cases. There are, however, suggestions that some NE-SW features may also be involved (e.g., Tower Hill-Sunbeam, Golden Gate).

FIGURES 9 and 10 allow inspection of the actual character of the observed magnetic field and possible correlations with terrain and geology. Such inspection shows that the survey is not affected in any obvious way by terrain problems and demonstrates that a satisfactory drape has been acquired.

The figures also allow association of prospects with particular anomalous features and trend identifications noted on images. Most images provide crisper suggestions of association than Figures 9 and 10 or Map 3 due to compression of scale. Once a feature has been recognised it may readily be located in contour form and traced. Use of Map 3 will, however, show that many features are of very low relief and apparently discontinuous.

Figures 9B and 10B allow evaluation of many isolated features.

1. The blanketing effect of Permian rocks is negligible magnetically.
2. The NW-SE dolerite dyke dominates the field near Tower Hill. Its effect may be contrasted with that of a N-S body nearby which produces a N-S gradient but no discrete or extended response.
   Close examination of the dyke anomaly shows that it is composed of two trends and compound structural control is implied (see Map 4).
3. Irregular patterns along Richardsons Creek (S of Tower Hill, e.g., 571 000, 5395 000), near the headwaters of Grants Creek (573 000, 5398 500) and perhaps near "Twilight" (574 000, 5402 000) may be due to unmapped dolerite talus.
4. Many of the small anomalous 'pimples' near Mathinna are due to metal roofing.

MAP 4 summarises the possible trends and their correlation with mineralised sites. The heavier lines refer to trends first noted in image formats while lighter lines refer to trends not clearly represented in images but identified in contour formats. The selection must carry a subjective element and is unlikely to be complete at this stage of interpretation. The reader is invited to attempt revision or augmentation of this map.

Several orientations are consistently observed; approximately 10-15, 50, 70, 105-110, 135 and 155-160 degrees. The latter is most likely associated with bedding, lithology change, strike or bedding cleavage. Most mineralised sites appear to be associated with the 105 degree element and many combine this with the litho direction.

The association cannot yet be regarded as definitive. All features need to be carefully reviewed. There needs to be an assurance that the prospects are accurately located and that the trends shown have been picked on the same portion of the gradient or change in field character. Few features can be specified to better than 50 m over any substantial distance due to diffusion of response and line control and local factors.

It may be possible to define comparable associations but any such judgments are premature at this stage pending further information about the prospects.

One of the objectives of this survey had been to test whether the loss of magnetisation noted in the Mathinna Beds near the Tower Hill mineralisation (Leaman, 1989) was a general characteristic and, if so, to identify other regions with similar character.
The survey indicates that the subtle responses anticipated are observed and that they are of very low amplitude. Noise in the data does not obscure them. They are not, however, general. While this may be a function of line coverage there is little doubt that the prospects as presently located are not associated consistently with local negative effects. They are randomly related with respect to details of field response.

FIGURE 11 presents a pixel image of uncorrected radiometric data. Since there are few indications of pixel distortion or herring bone patterns it may be assumed that corrections will not produce significant changes.
Comparison with Figure 12 reveals and almost total lack of correlation.
There are some surprising features.
Many but not all banded magnetic features trending NNW provide responses and the discontinuous nature of the central feature has been reproduced.
Blanketing by Permian rocks and dolerite, and associated stream deposits produce the darkest (blue) colourings.
Few other characters can be correlated with the magnetic map.

CONCLUSIONS AND RECOMMENDATIONS

While it must be stressed that this report provides only a preliminary descriptive evaluation, and there is much scope for expansion and review, any further work must follow careful appraisal of the mineralised sites and assessment of the presence of obvious and obscure fracture sets at each site. This report suggests that a relatively subtle near ESE fracture system may be universal and important. More dominant features trend NE-SW and NNW-SSE.
All mineralised sites should be accurately located. The detail offered by this survey should not be wasted by presumptions about mine position.

It is also clear that the character observed at ground level has been mapped and is reproducible by this data set at 80 m terrain elevation. It can be confidently expected, therefore, that any feature indicated by this survey will be confirmed and located by an appropriate surface survey. Target follow-up surveys are possible once decisions are made about which features represent systematic tests. The amplitude of any ground anomaly will be at least an order of magnitude greater than observed in this survey.

If the fracture pattern - if that is indeed what the cross trends represent - is accepted then some further sites can be expected to emerge from consideration of the orientations. Specific ground location may be essential prior to any chemical or trenching study.
It may be noted that the dolerite dykes around Tower Hill reflect the general lineament pattern. The limited extension of these bodies may suggest lateral control or active shear couples at the time of intrusion. The principal dyke is bounded by the 70 and 105 degree lineaments but contains elements of more and less acute trends (see Map 4).

This preliminary interpretation does not indicate that any particular gross unit is critical to siting of gold-bearing veins but that the intersection of transverse fracture systems - possibly the tensional part of a shear couple - and bedding/cleavage may well be. This possibility must be appraised by careful review of old workings.

The review presented here shows that some types of data presentation are more useful than others. The basic reference remains the detailed contour map of the magnetic field but some of its features are more easily recognised in gradient or obliquely lit monochrome images. Colour images are not especially useful. All images bleed and lose effect with increasing scale and the present combination of 100 000 scale images and 25 000 scale contour reference is a reasonable compromise.

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Calver, C.R., Everard, J.L., Findlay, R.H., & Lennox, P.G., 1988. Ben Lomond 1: 50 000 Geological Map Sheet. Mines Dept. Tasm.

Leaman, D.E., 1989. Ground magnetic survey, EL 55/83, Mangana. Report for Pegasus Gold Australia Ltd by Leaman Geophysics, Hobart.

Richardson, R.G., 1989. The Mangana-Alberton aeromagnetic survey - a preliminary interpretation. Unpub. Rep. Dep. Mines Tasm., 1989/19.

427118

Report submitted on behalf of
Leaman Geophysics
by

D. Leaman

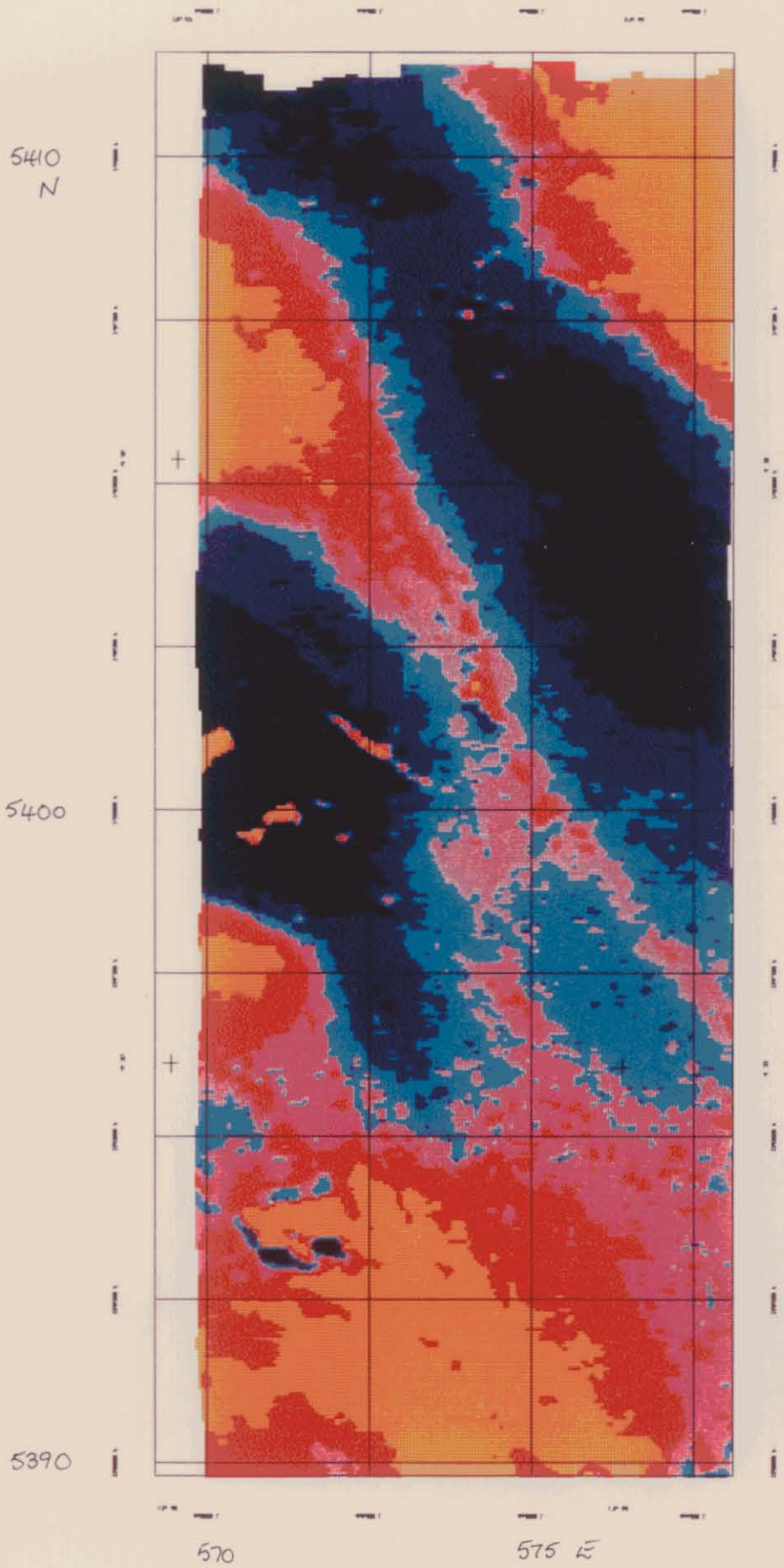
Dr. D.E. Leaman, B.Sc., Ph.D
M.Aus.I.M.M., M.M.I.C.A

9-4-90

LOCATION OF EL 55/83 MANGANA

FIGURE 1

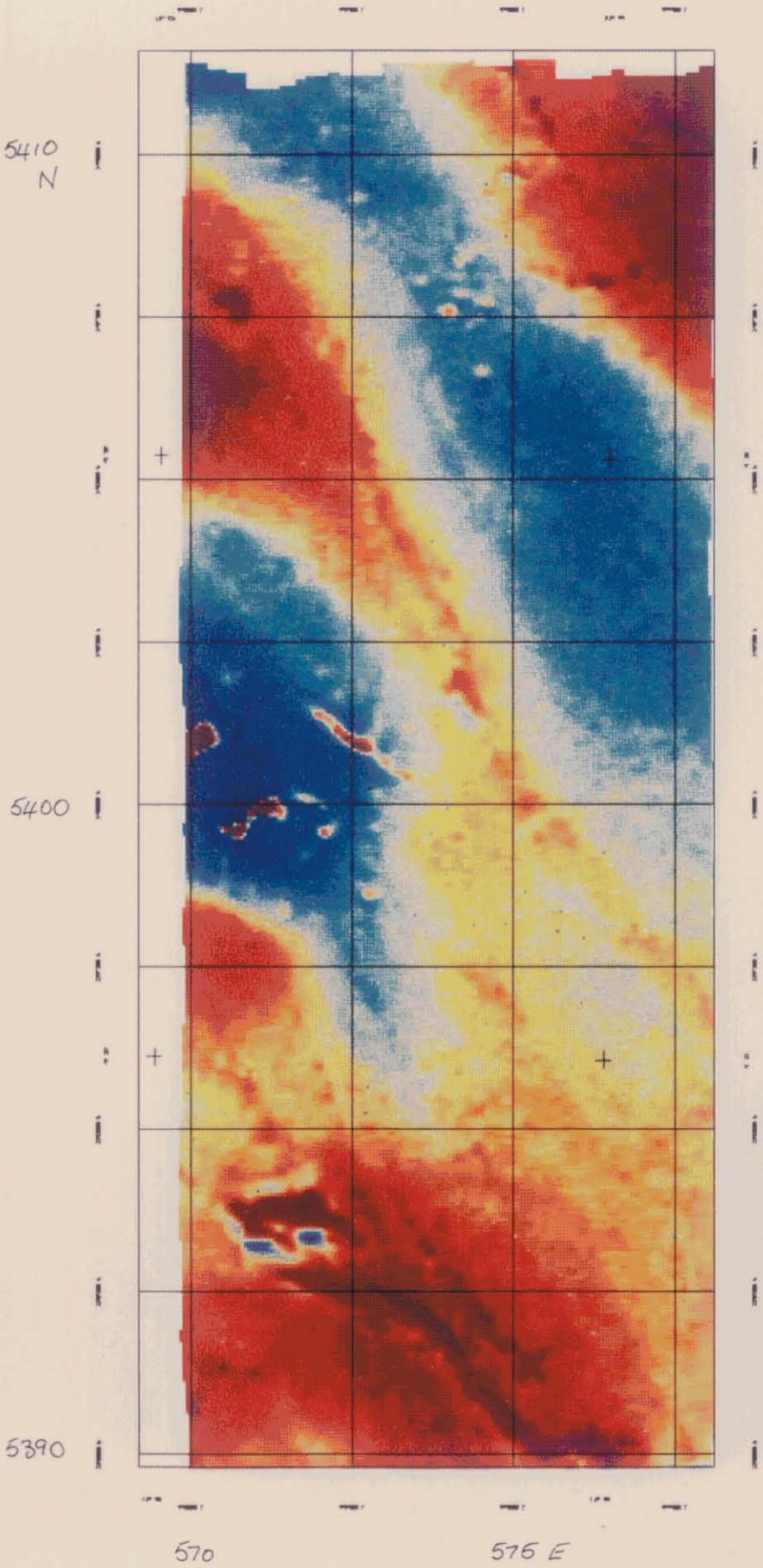
11S



Residual Magnetics – Banded colour

FIG 2

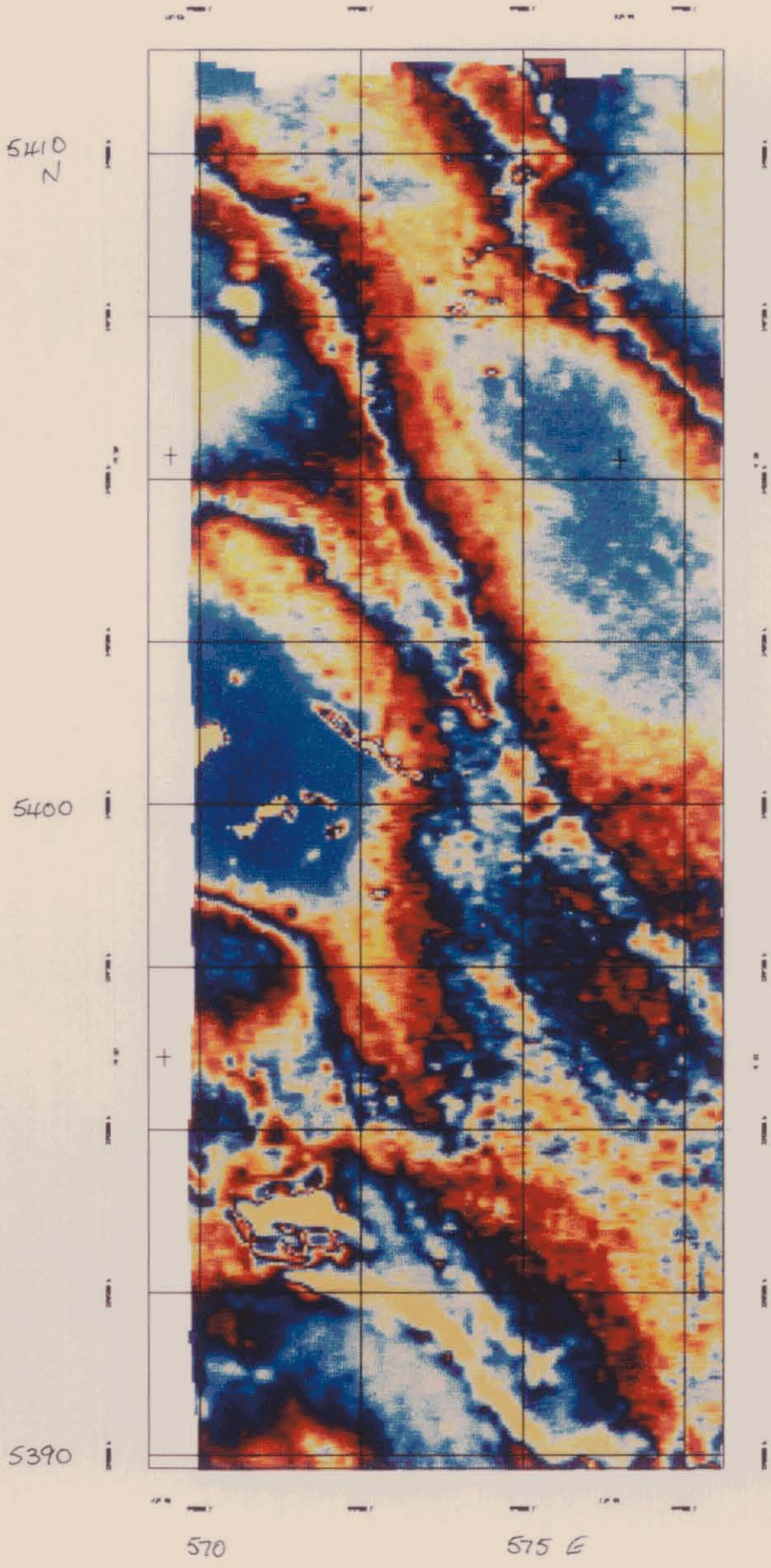
427120



Residual Magnetics – Spectrum colour

FIG 3

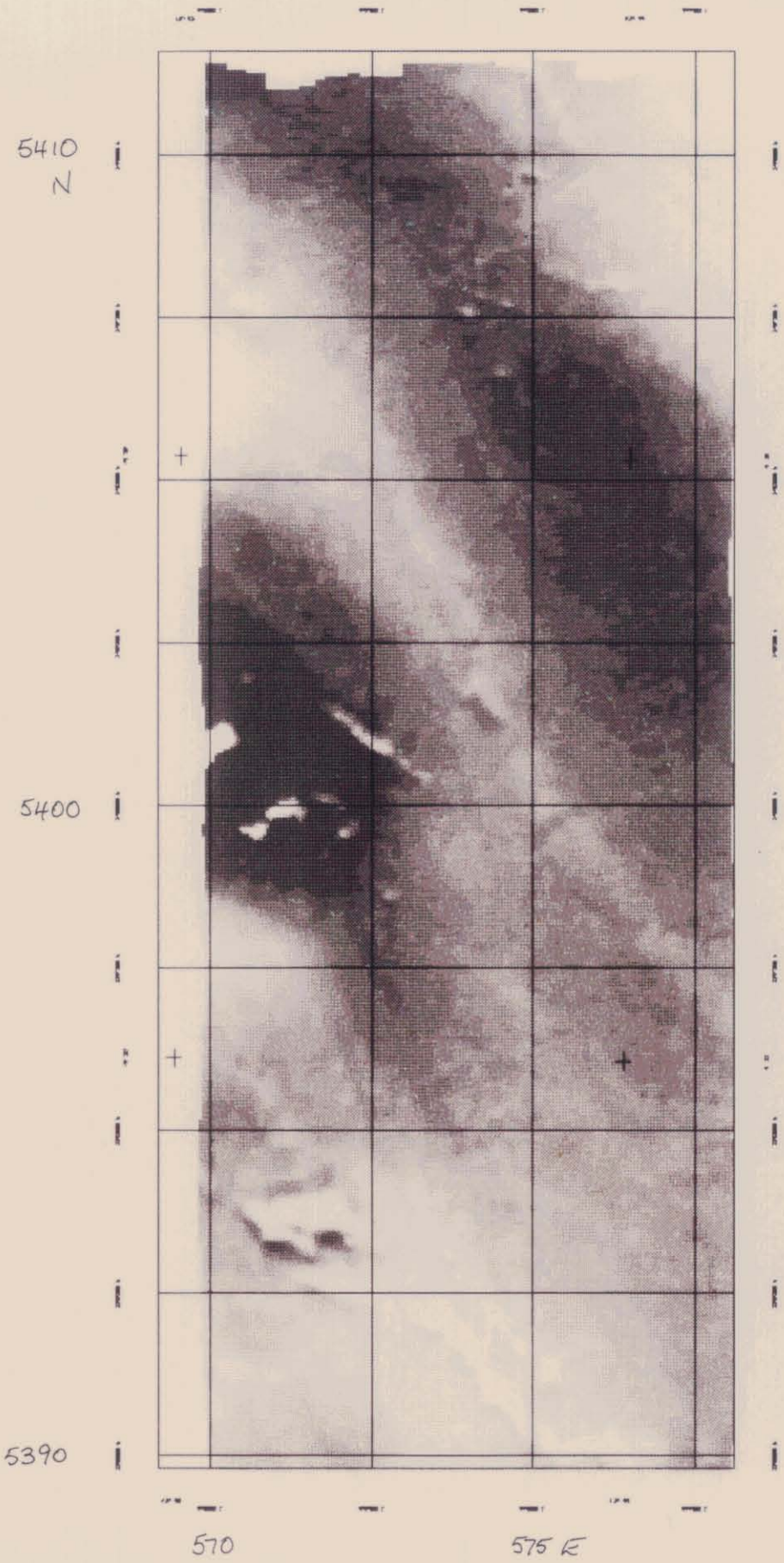
427121



Residual Magnetics – User defined colour cycle

427022

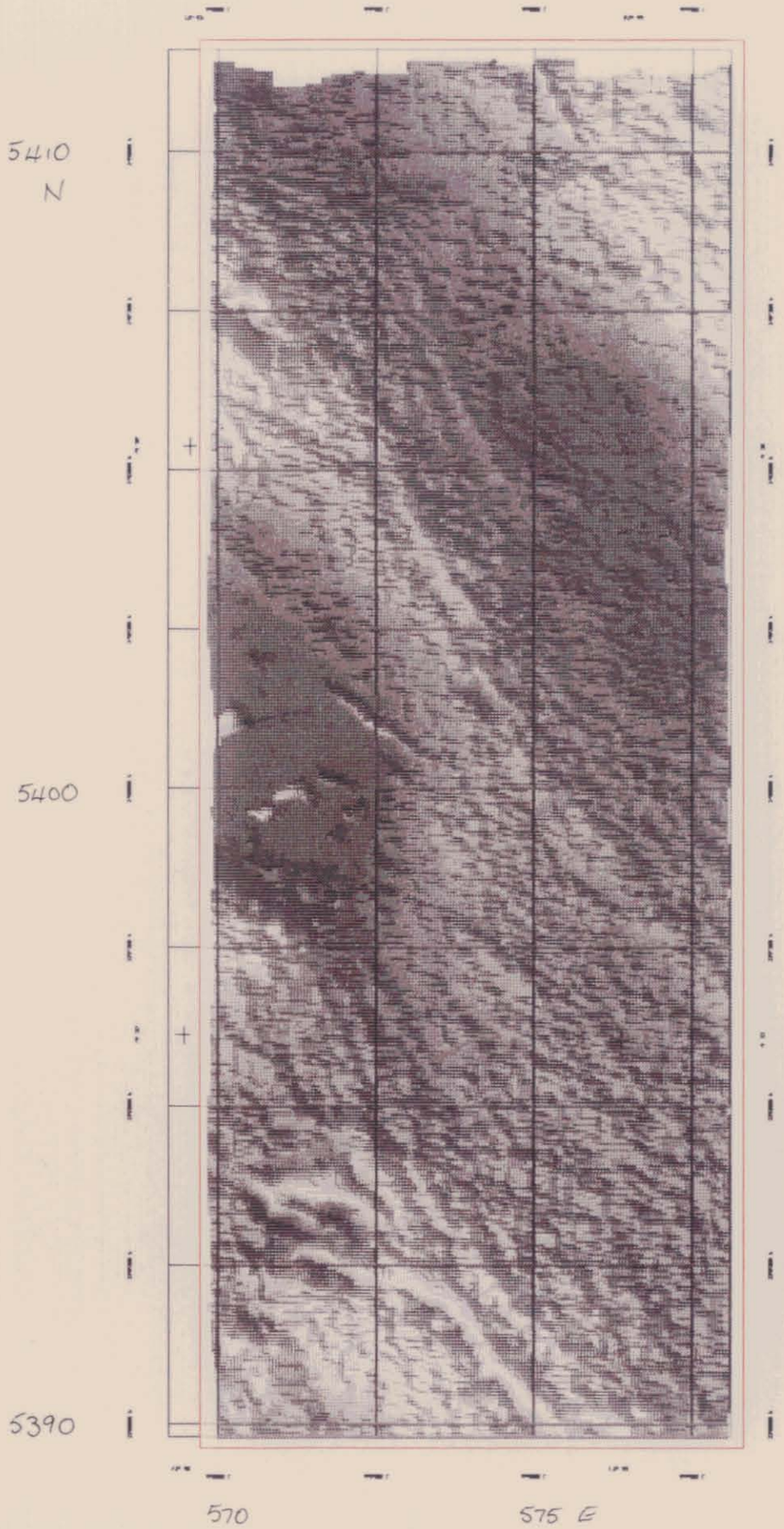
FIG 4



Residual Magnetics – Panchromatic

FIG 5

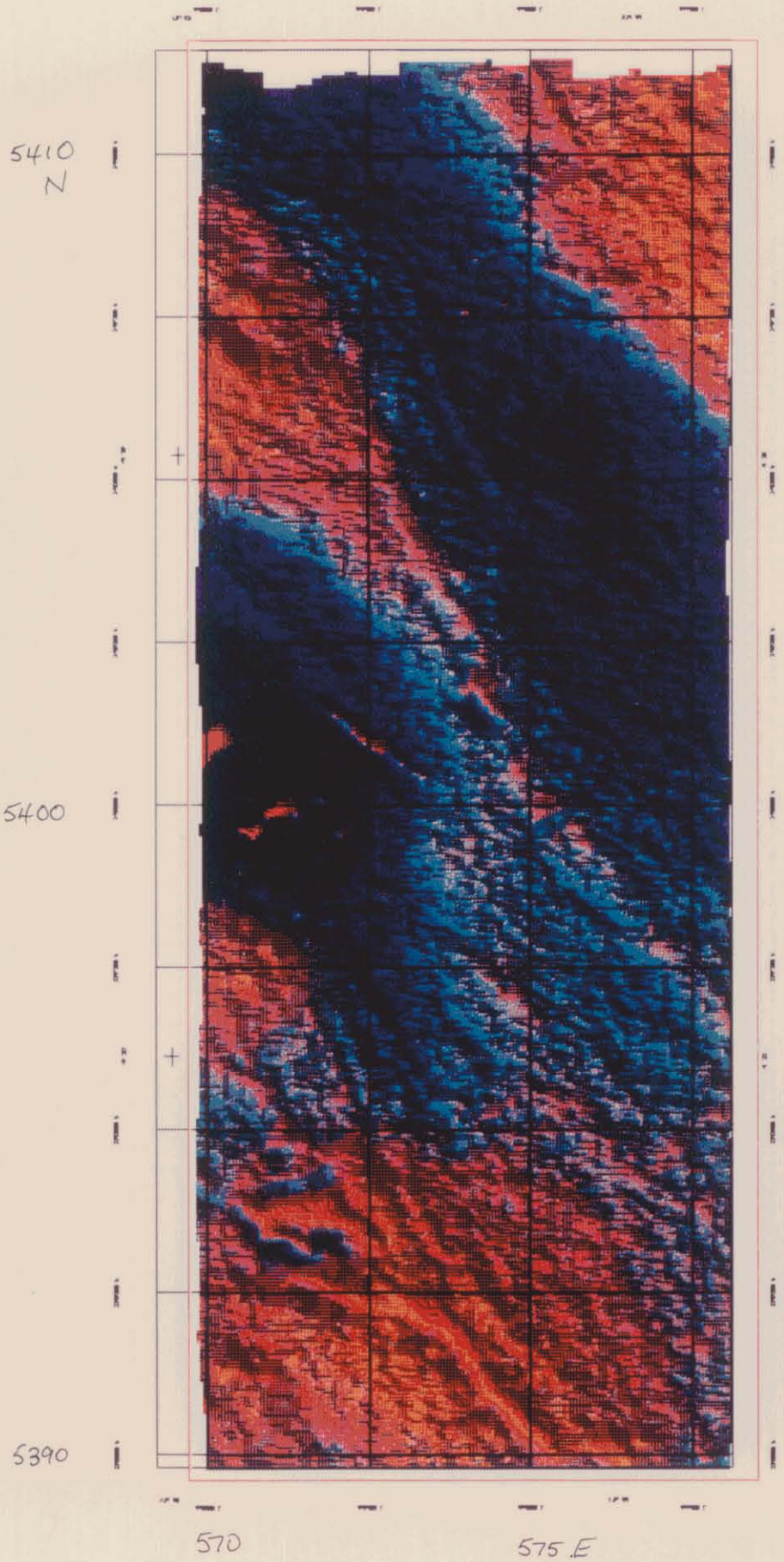
427023



Residual Magnetics – Panchromatic – "sun" NW

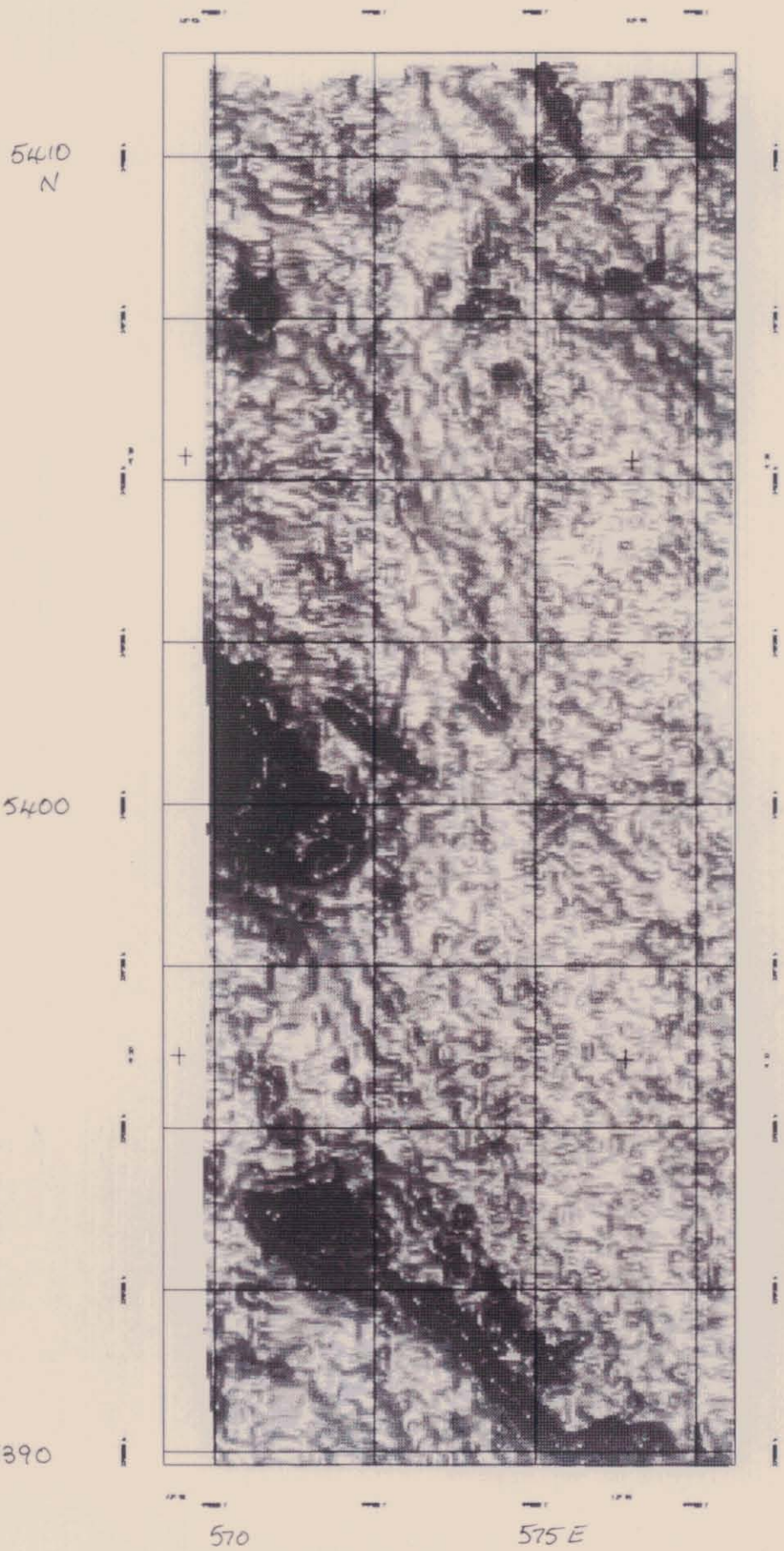
FIG 6

427024



Residual Magnetics – Banded colour – "sun NW"

FIG 7



Magnetic Gradient (inverse)

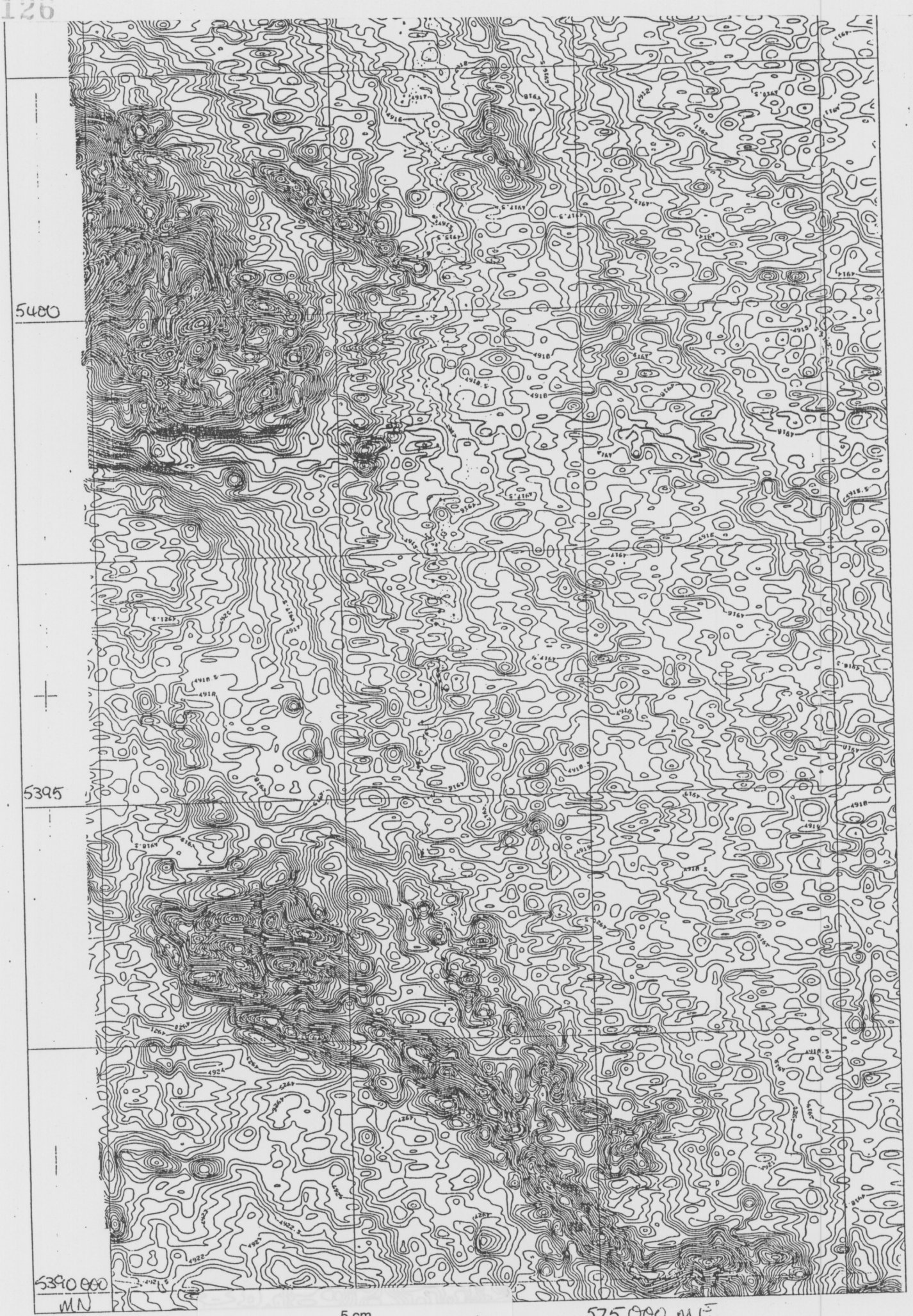
FIG 8

427026

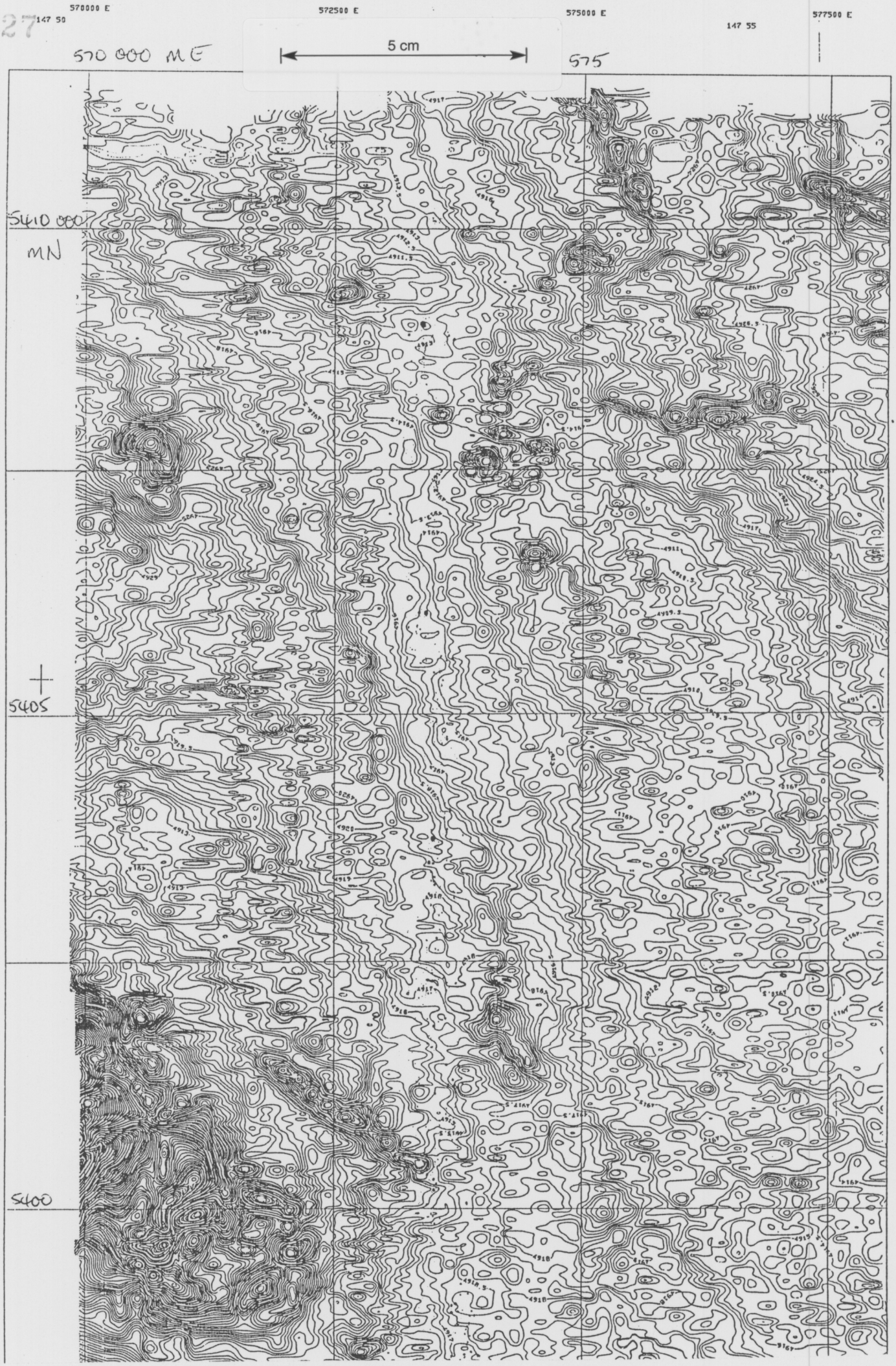
CONTOURS OF RESIDUAL MAGNETIC FIELD (S PART)
(contour interval 0.5 nT) See also map 3

FIGURE 9A
427127

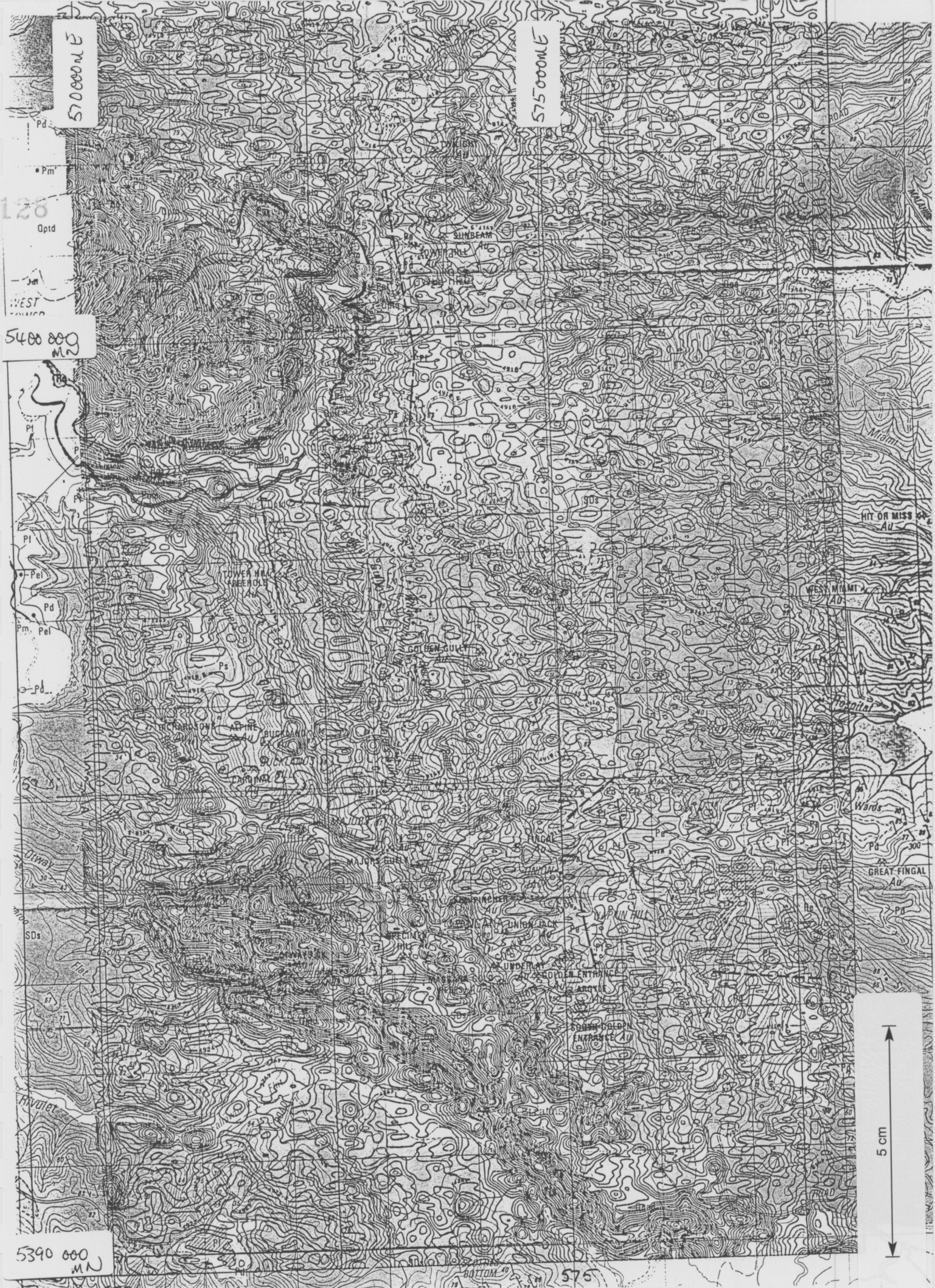
126



147 55



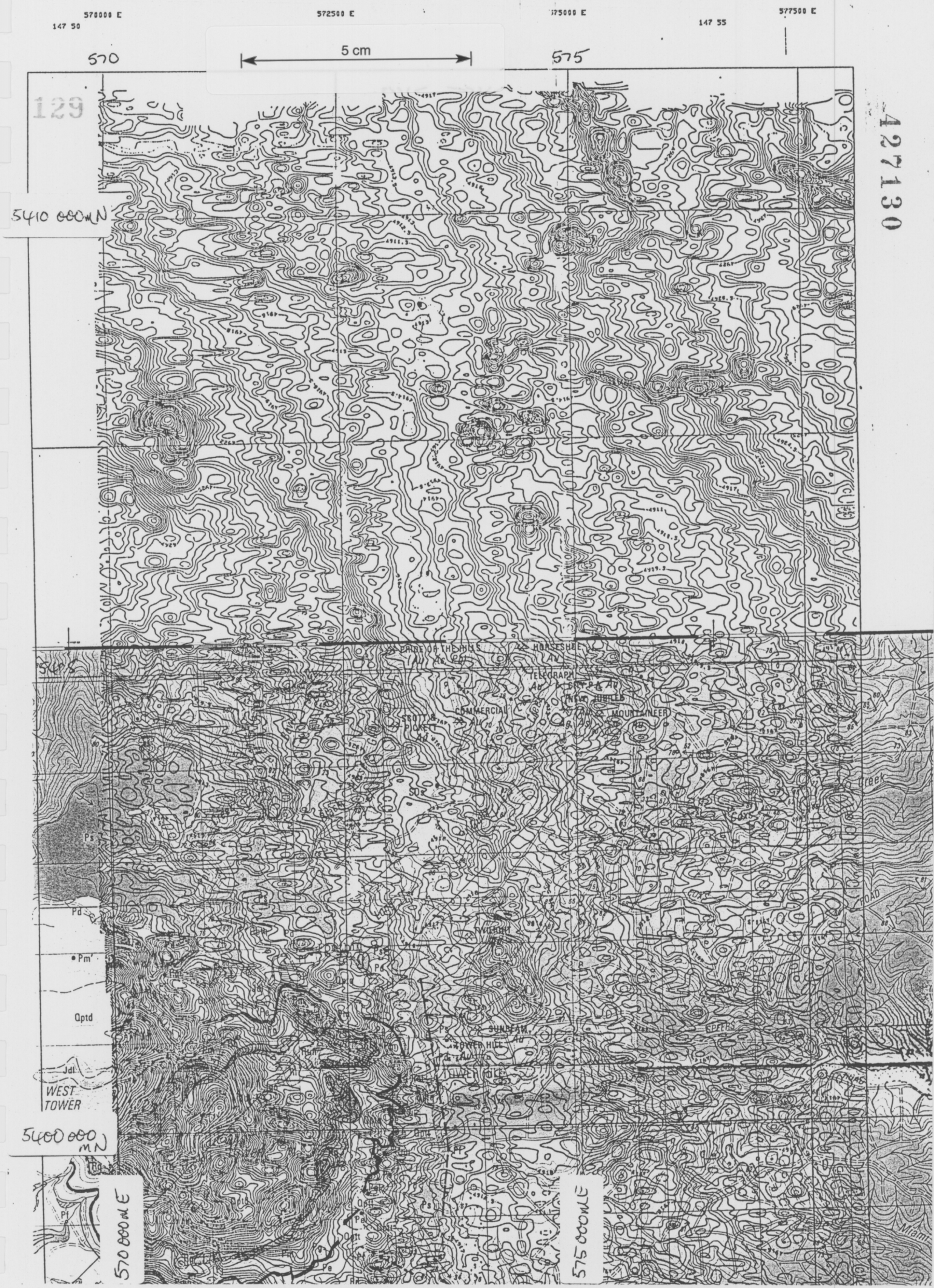
CONTOURS OF RESIDUAL MAGNETIC FIELD (N PART) FIGURE 10A
(contour interval 0.5 nT) See also map 3



RESIDUAL MAGNETIC FIELD AND GEOLOGICAL BASE MAP (S PART) Basemap by Calver et al (1988).

FIGURE 9B

427129



RESIDUAL MAGNETIC FIELD AND GEOLOGICAL BASE MAP (N PART) Basemap by Calver et al (1988).

FIGURE 10B

TOTAL COUNT (UNCORRECTED) & UNLEVELLED.

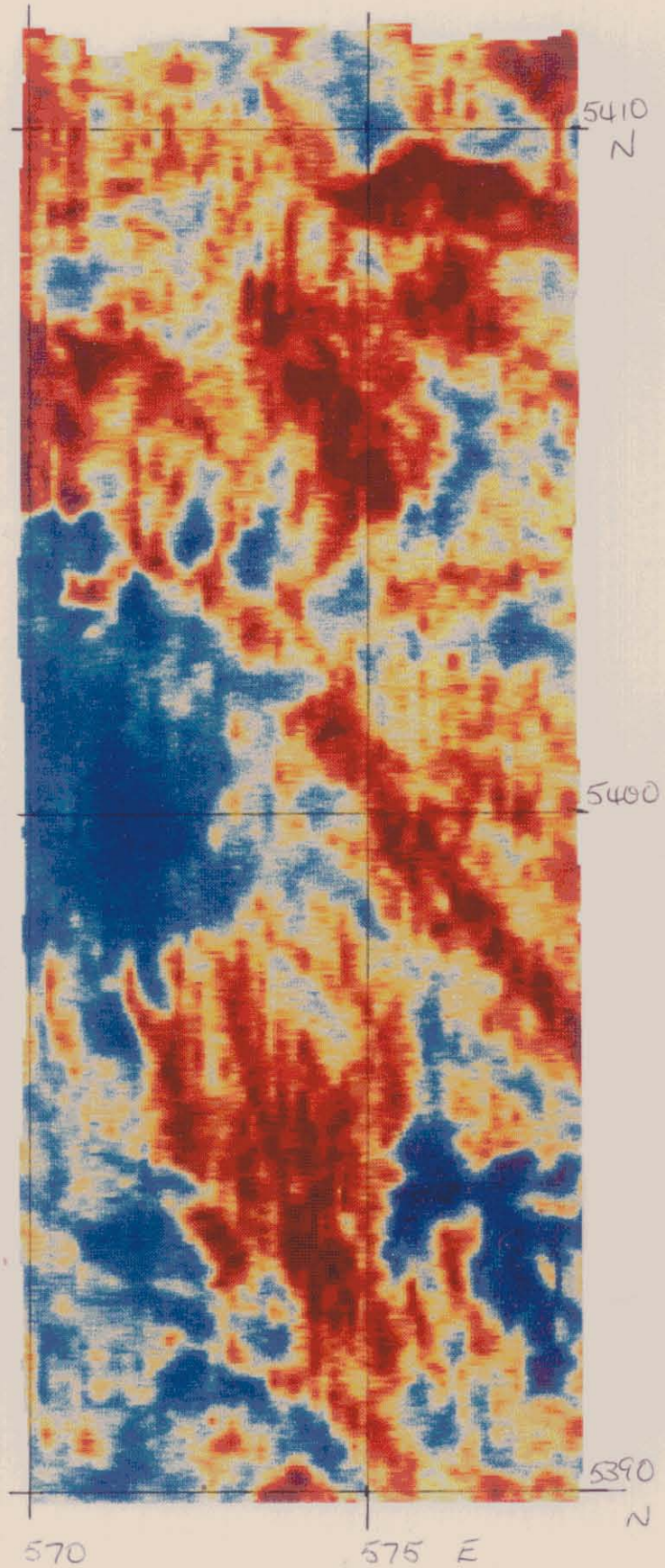
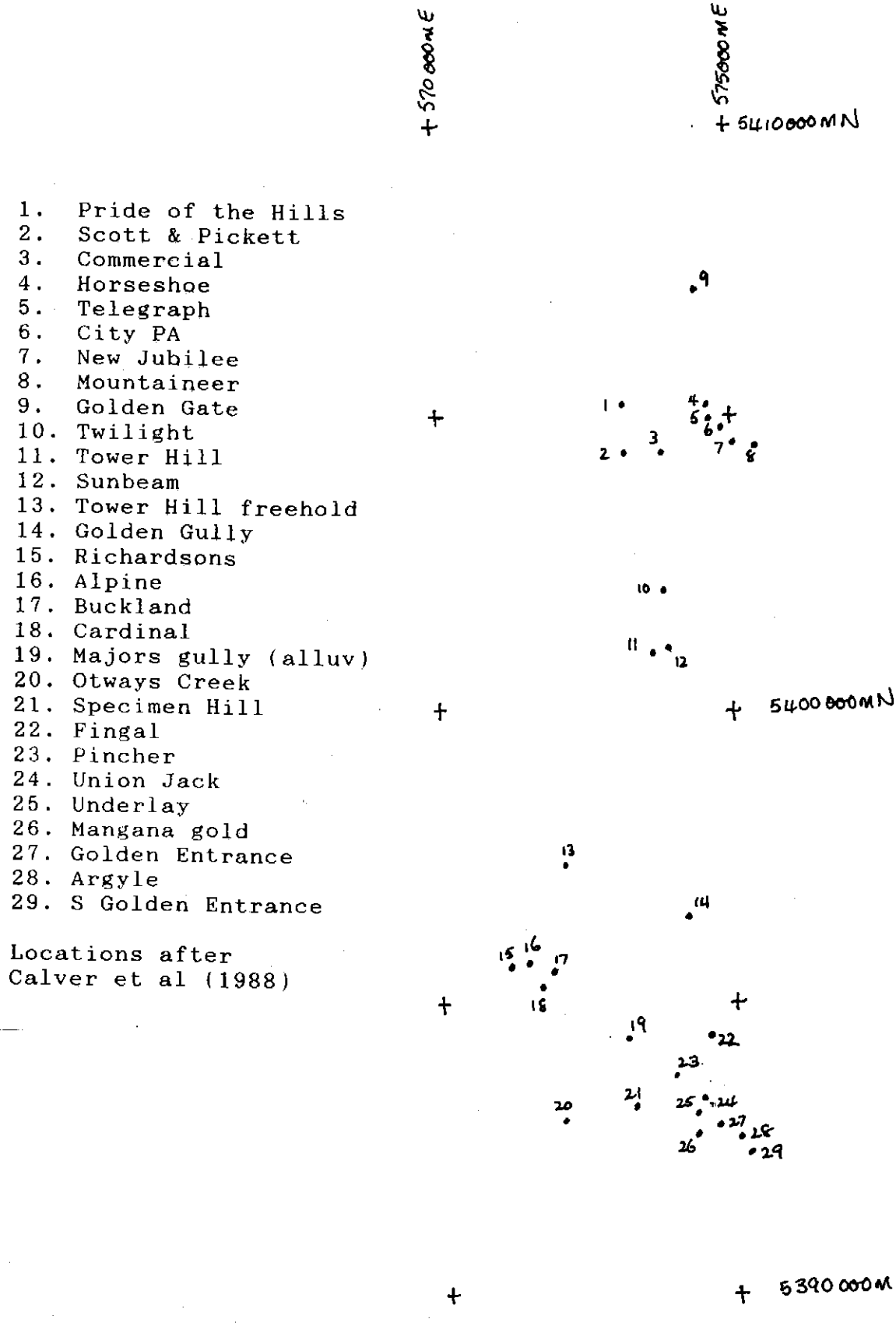
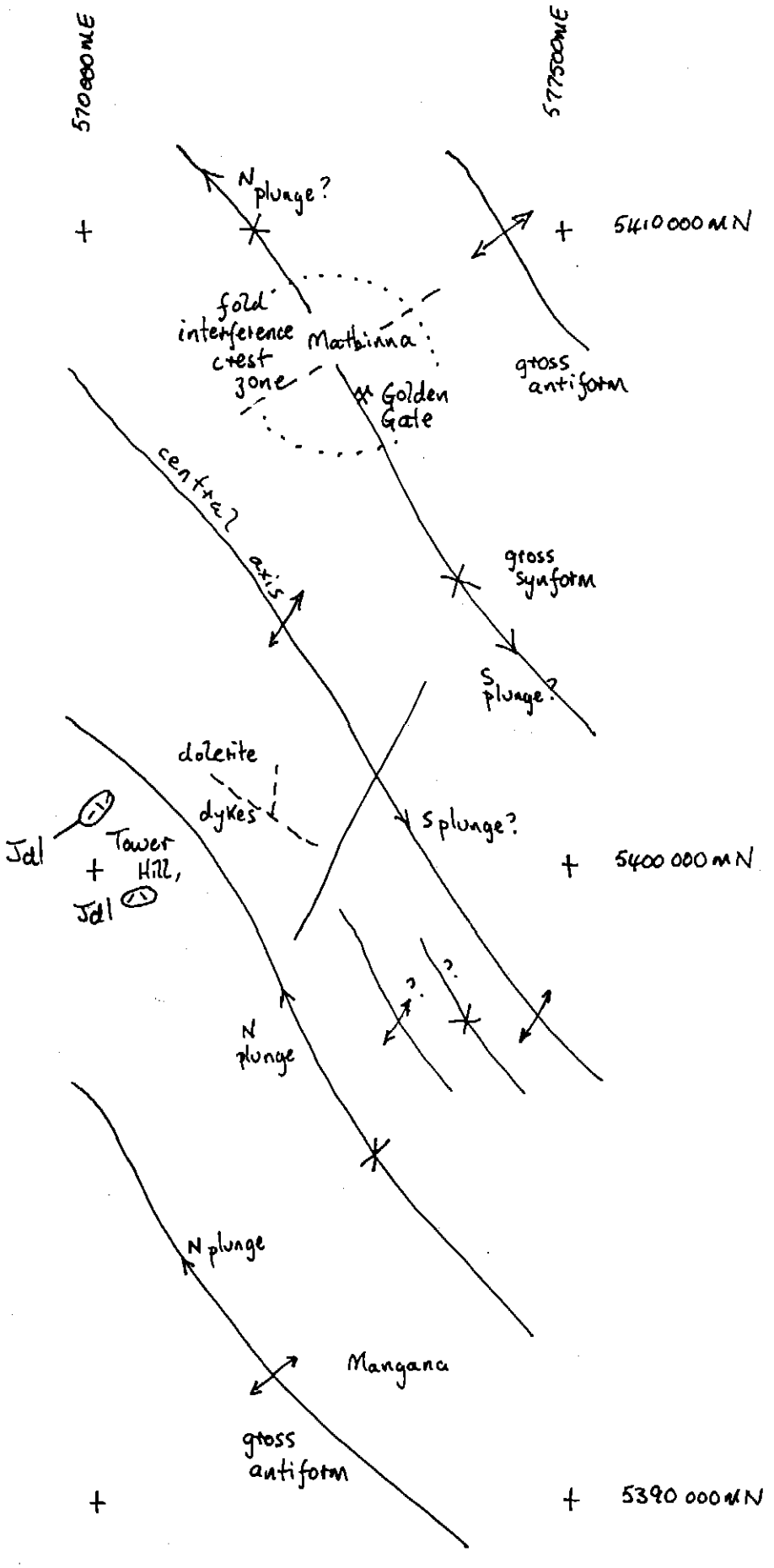


FIG 11



SITES OF KNOWN MINERALISATION MATHINNA-MANGANA AREA EL 55/83
(available as an overlay) FIGURE 12



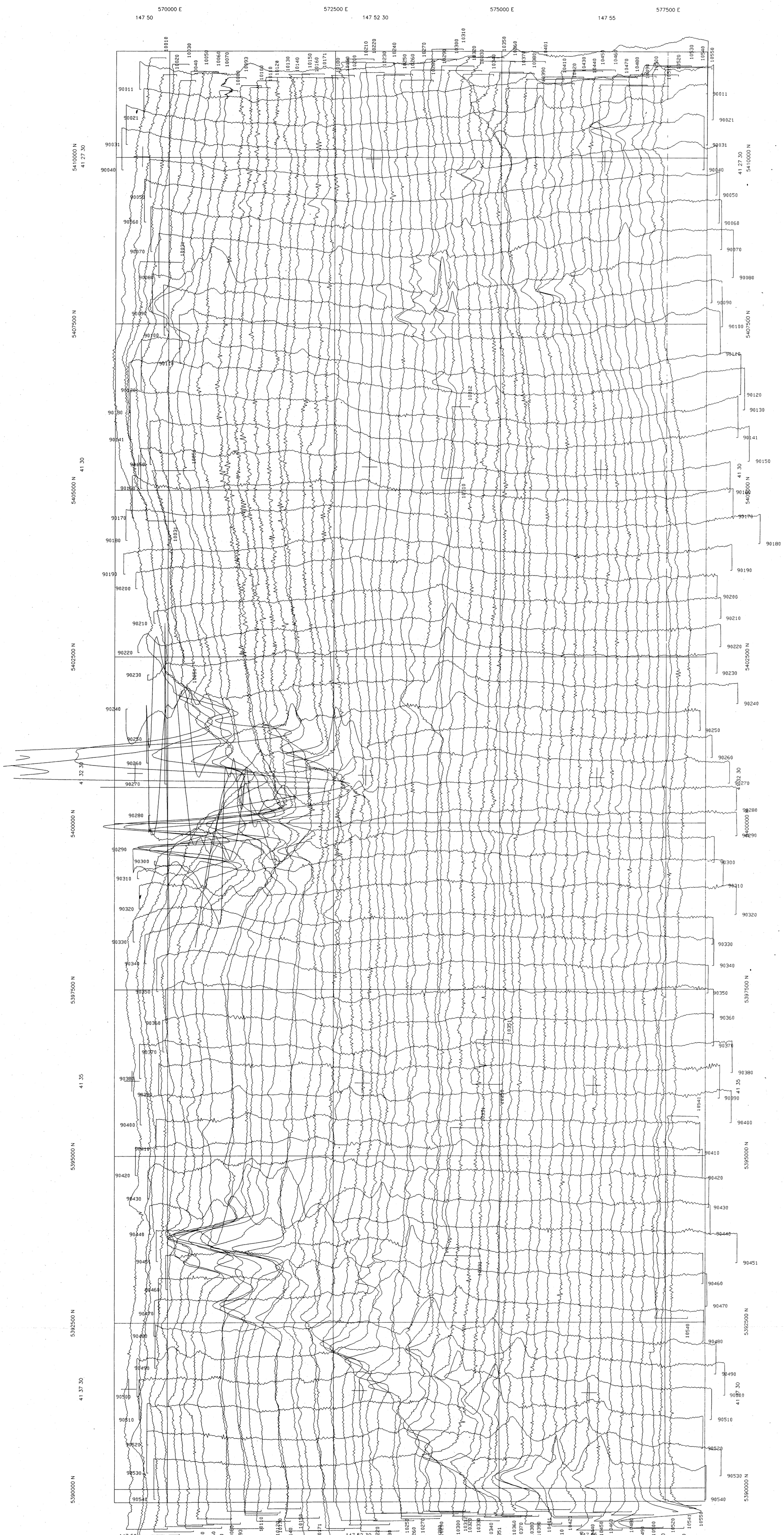
SOME GROSS STRUCTURAL FEATURES SUGGESTED BY THE MAGNETIC DATA

FIGURE 13

5 cm

9832

SADDLEBACK, MATHINNA, MANGANA, ROSSARDEN



PROCESSING AND MAPPING:

Flight path digitising, data processing and mapping performed by Pitt Research Pty Limited during March 1990.

The IGRF component has been removed from the measured magnetic data..

PEGASUS GOLD
FINGAL GEOPHYSICAL SURVEY 1990
SADDLEBACK, MATHINNA, MANGANA, ROSSARDEN
RESIDUAL MAGNETIC PROFILES

Profile scale : 10 nT / cm.

500 0 500 1000 1500 2000 2500 Metres

SCALE 1:25 000

427134

90-3197

SURVEY SPECIFICATIONS:

Survey Area: Fingal.

Flown by Geo Instruments Pty Ltd, February 1990, Job Number 9001.

Nominal Terrain Clearance of Detector in Bird at 80 metres.
Nominal Line Spacing: Traverse Lines 150 metres
Tie Lines 400 metres.

Recording Interval: Magnetics 0.48 seconds
Spectrometer 0.96 seconds

Magnetometer: G-813 Proton Precession Magnetometer in a towed bird.
Sensitivity 0.1 nT.

Spectrometer: GR3001 with detector volume of 16.8 litres.

Data Recording: Geo Instruments 2000 Digital to Disk.

Flight path record by colour video VHS PAL.
Flight line recovery by transfer to 1:10 000 scale control maps.

~~8832~~

8833

SADDLEBACK, MATHINNA, MANGANA, ROSSARDEN

570000 E — 572500 E — 575000 E — 577500 E

147 50 — 147 52 30 — 147 55

5410000 N — 41 27 30

5407500 N — 41 30

5405000 N — 41 32 30

5402500 N — 41 35

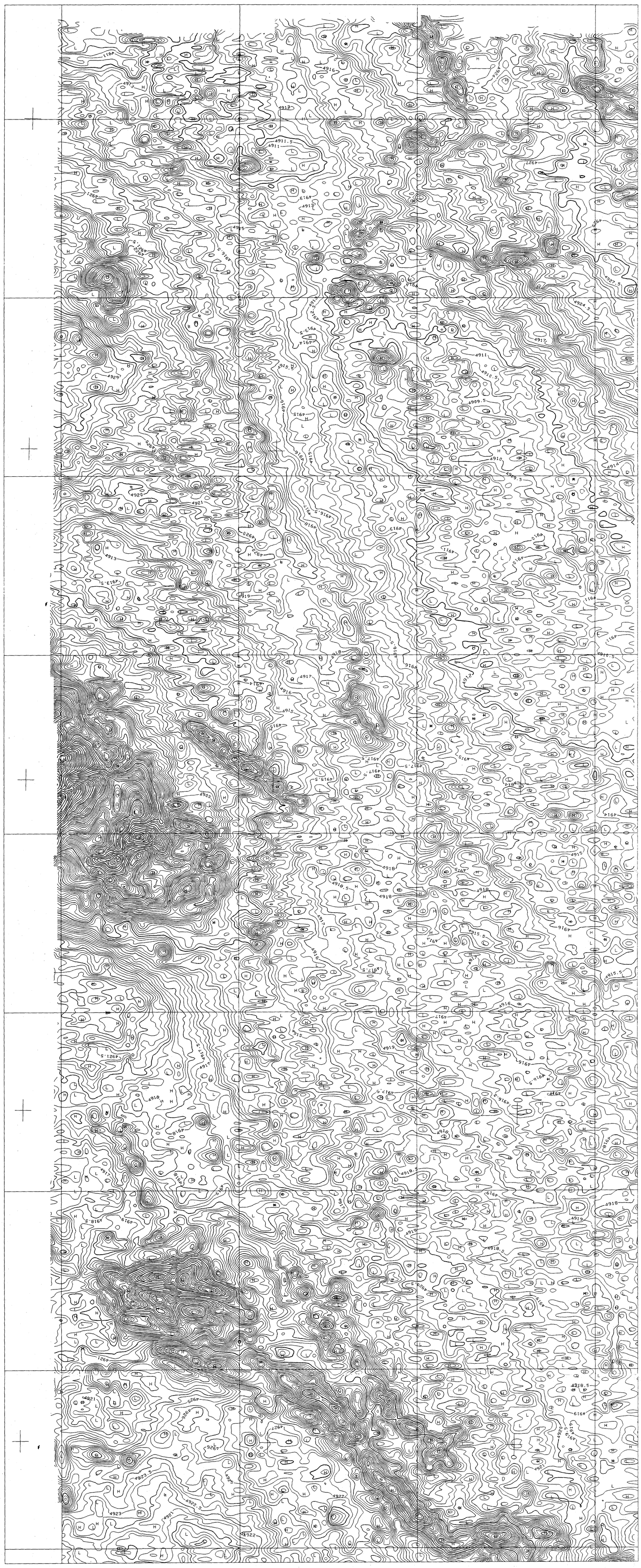
5400000 N — 41 37 30

5397500 N

5395000 N

5392500 N

5390000 N



PEGASUS GOLD
FINGAL GEOPHYSICAL SURVEY 1990
SADDLEBACK, MATHINNA, MANGANA, ROSSARDEN
RESIDUAL MAGNETIC CONTOURS
Contour Interval : 0.5 nT

427135

500 0 500 1000 1500 2000 2500 Metres

5 cm

SCALE 1:25 000

90-3197

PROCESSING AND MAPPING:

Data processing and mapping performed by Pitt Research Pty Limited during March 1990.

The IGRF component has been removed from the measured magnetic data..

Map grid size: 50 metres

SURVEY SPECIFICATIONS:

Survey Area: Fingal.

Flown by Geo Instruments Pty Ltd, February 1990, Job Number 9001.

Nominal Terrain Clearance of Detector in Bird at 80 metres.
Nominal Line Spacing: Traverse Lines 150 metres
Tie Lines 400 metres.

Recording Interval: Magnetics 0.48 seconds
Spectrometer 0.96 seconds

Magnetometer: G-813 Proton Precession Magnetometer in a towed bird.
Sensitivity 0.1 nT.

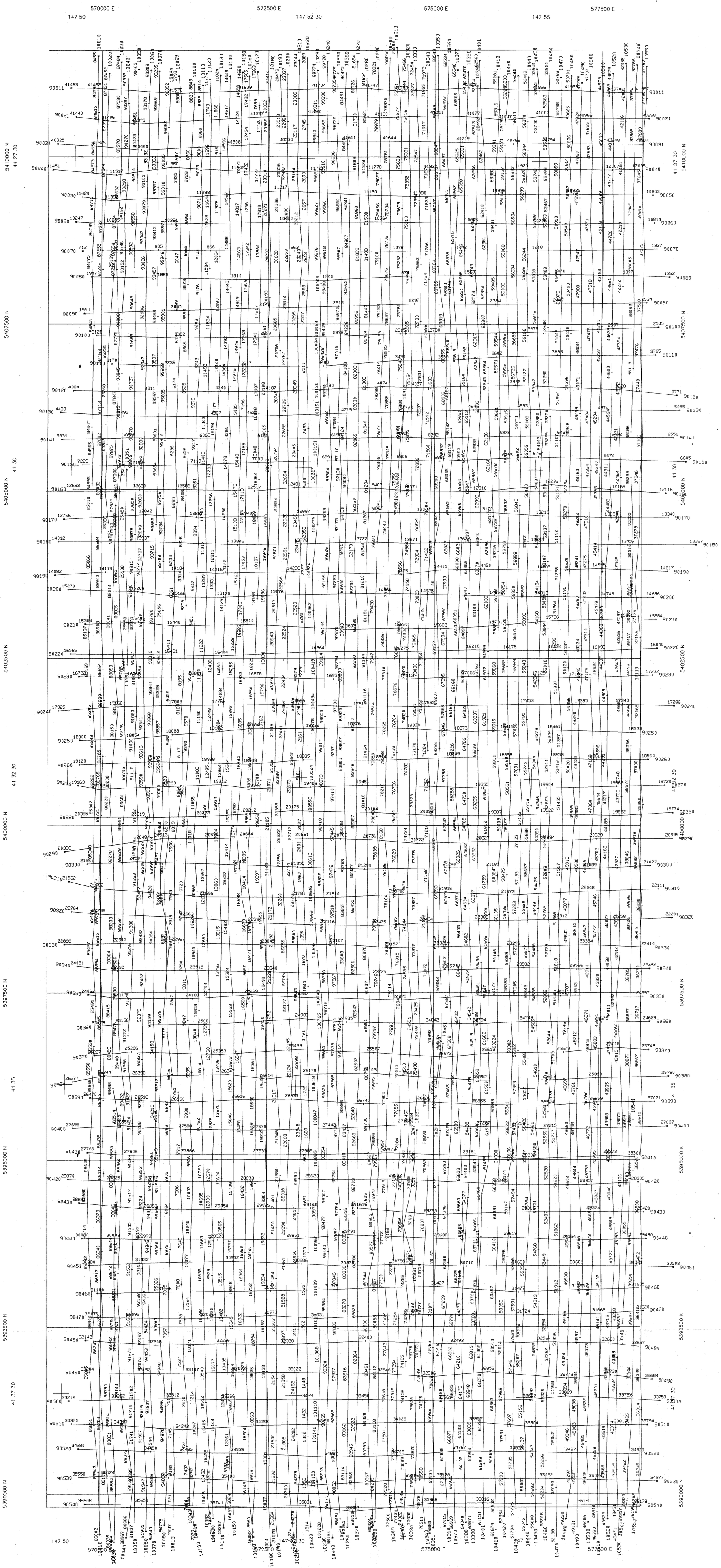
Spectrometer: GR3001 with detector volume of 16.8 litres.

Data Recording: Geo Instruments 2000 Digital to Disk.

Flight path record by colour video VHS PAL.
Flight line recovery by transfer to 1:10 000 scale control maps.

9831

SADDLEBACK, MATHINNA, MANGANA, ROSSARDEN



PROCESSING AND MAPPING:

Flight path digitising, data processing and mapping performed by Pitt Research Pty Limited during March 1990.

The IGRF component has been removed from the measured magnetic data..

PEGASUS GOLD
FINGAL GEOPHYSICAL SURVEY 1990 427136
SADDLEBACK, MATHINNA, MANGANA, ROSSARDEN
RESIDUAL MAGNETIC PROFILES

Profile scale : 10 nT / cm.

5 cm

500 0 500 1000 1500 2000 2500 Metres

SCALE 1:25 000

90-3197

SURVEY SPECIFICATIONS:

Survey Area: Fingal.

Flown by Geo Instruments Pty Ltd, February 1990, Job Number 9001.

Nominal Terrain Clearance of Detector in Bird at 80 metres.
Nominal Line Spacing: Traverse Lines 150 metres
Tie Lines 400 metres.

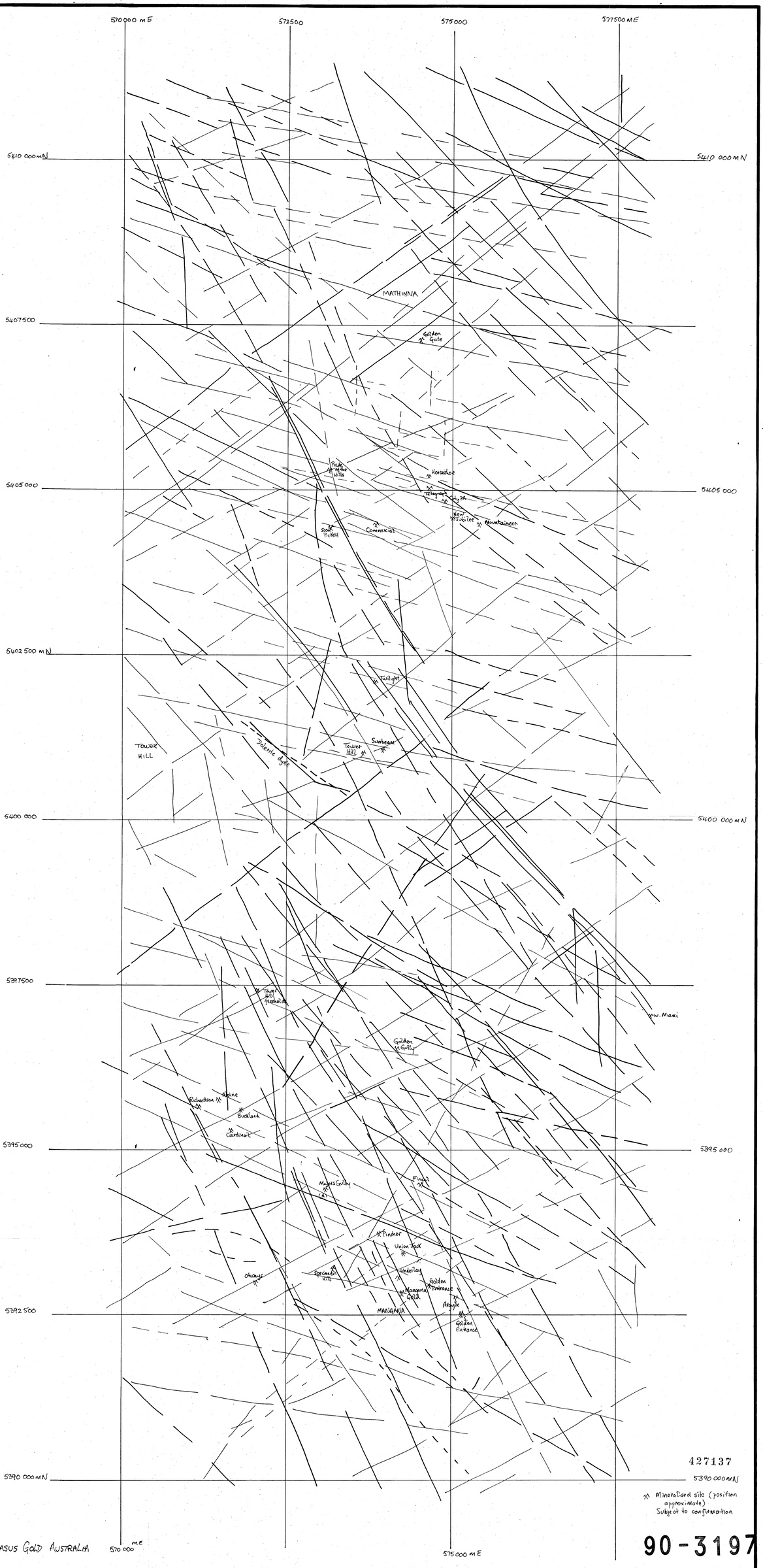
Recording Interval: Magnetics 0.48 seconds
Spectrometer 0.96 seconds

Magnetometer: G-813 Proton Precession Magnetometer in a towed bird.
Sensitivity 0.1 nT.

Spectrometer: GR3001 with detector volume of 16.8 litres.

Data Recording: Geo Instruments 2000 Digital to Disk.

Flight path record by colour video VHS PAL.
Flight line recovery by transfer to 1:10 000 scale control maps.



PEGASUS GOLD AUSTRALIA

MATHINNA - MANGANA MAGNETIC SURVEY

Feb 1990 survey, acquisition: Geo Instruments Pty (Ltd.

TRENDS INFERRED

from contour (—) and pixel (—) presentations. Locations approximate. Lineaments indicated represent a subjective sample of those present. The compilation should not be considered complete.

This compilation by D.E. REEMAN, ARCMAR Geophysics, Hobart Apr 1990

5cm

90-3197.

MAP H

427138 1 of 2

FLTS 13, 14.

DISK #9

TAPE #8 #9.

GEO INSTRUMENTS Pty. Limited (Inc. in N.S.W.)

OPERATORS FLIGHT REPORT

Job No. 9001
Area FINGAL
Flight 13 DAY 051
Date 20 / 02 / 90 (Day / Mo. / Yr.)
Airplane VH-AFO
Pilot G. SCANDRETT
Co-Pilot J. JOHNSON
Operator Z. BELDI
Dataman D. MORRISON

Airport LAUNCESTON
Take off 08:46 Land 13:47
Flight time 4:25
Mag. Sens. F/S 10 / 100
Fid. & Scan Interval
Svy. Alt. 250ft
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S 1200ft

Spectrometer Multiplier Settings

	Analog F/S cts.	Digital Mult. No.
K40	CTS	Mlt.
Bi214	CTS	Mlt.
TL208	CTS	Mlt.
TC	CTS	Mlt.
Sample Rate		Sec.

Rdr. Alt. F/S = 2500 Ft. at 1.0 MV/Ft.

Line No. & Direct.	Fiducials and Scans Start	Fiducials and Scans End	Local Time Start	Local Time End	Line Extent From	Line Extent To	Header	Remarks	Fids.
TEST L.	05601	05780	09:03	09:05			81000	TAPE #8	
09S	05781	07280	09:06	09:19			10903	DISK # 9	
10N	07281	08860	09:20	09:33			10100		
11S	08861	10350	09:34	09:46			10110		
12N	10351	11790	09:46	09:58			10120		
13S	11791	13250	09:58	10:11			10130		
14N	13251	14660	10:11	10:22			10140		
15S	14661	16070	10:23	10:35			10150	END VIDEO #8	
16N	16071	17530	10:35	10:46			10160	NEW VIDEO #9	
17S	17531	17630	10:47	10:48			10170	SCRUB	
17S	17631	18980	10:49	11:00			10171	~~END VIDEO TAPE #8~~	
18N	18981	20430	11:01	11:12.			10180	~~NEW VIDEO TAPE #9~~	
	LANDED FOR FUEL			11:17		<2:31>			
	TAKE OFF		F14.	11:56					
19S.	20431	21690	12:03	12:13			10190		
20N	21691	23040	12:13.	12:24			10200		
21S	23041	24310	12:24	12:35			10210		
40N	24311	24550	12:36	12:38			10400		
40S	24551	24770	12:39	12:41			10404		
52N	24771	25130	12:44	12:47			10521		
03S	25131	25390	12:51	12:53			10031		
05S	25391	25610	12:55	12:56			10051		
06S	25611	25660	12:59	13:00			10061	SCRUB	
06S	25661	25820	13:00	13:02			10062		
04S	25821	25960	13:03	13:03			10041	SCRUB	
04S	25961	26170	13:05	13:06			10042		
02N	26171	26480	13:07	13:09			10021		
TEST L	26481	26661	13:15	13:17			81010	*BY VIDEO*	
LAG E	26661	26720	13:				89030	SMED FID 26702.0	
LAG W	26721	26780					81040	FID 26760.5	

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GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

OPERATORS FLIGHT REPORT

Job No. 9001
Area FINGAL
Flight 12 DAY 049
Date 02 / 10 / 90 (Day Mo. Yr.)
Airplane VH-AFO
Pilot G. SCANDRETT
Co-Pilot J. JOHNSON
Operator I. BELDI.
Dataman D. MORRISON

Airport LAUNCESTON
Take off 08:26 Land
Flight time
Mag. Sens. F/S 10 / 1000
Fid. & Scan Interval
Svy. Alt. 2500
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Rdr. Alt. F/S = Ft. at MV/Ft.

Spectrometer Multiplier Settings

	Analog F/S cts.		Digital Mult. No.	
K40	CTS	1	Mlt.	
Bi214	CTS	1	Mlt.	
TL208	CTS	1	Mlt.	
TC	CTS	2	Mlt.	
Sample Rate	0.96		Sec.	

Line No. & Direct.	Fiducials and Scans Start	Fiducials and Scans End	Local Time Start	Local Time End	Line Extent From	Line Extent To	Header	Remarks	Fids.
TEST L.	03381	03550	08:43	08:45			80000		
9S	03551	04780	08:47	08:57			100090		
9N	04781	05601	08:59	09:04			100091		
— FLIGHT TERMINATED DUE WEATHER —									
RAIN APPROACHING STRONG NW WINDS								20/30 KNOTS	
EXTREME BIRD MOTION CAUSING MAG NOISE									
OUTSIDE SPECIFICATIONS.									

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GEO INSTRUMENTS
Pty Limited (Inc. in N.S.W.)

OPERATORS FLIGHT REPORT

Job No. 9001
Area FINGAL
Flight 11 DAY 048
Date 1 / 1 / 90 (Day / Mo. / Yr.)
Airplane VH-AFO
Pilot C. SCANDRETT
Co-Pilot T. JOHNSON
Operator Z. BERDI
Dataman D. MORRISON

Airport LAUNCESTON
Take off 08:56 Land 11:00
Flight time 2:04
Mag. Sens. F/S 10 / 100
Fid. & Scan Interval 0.4
Svy. Alt. 250/1 80M
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

	Analog F/S cts.		Digital Mult. No.	
K40	CTS	1	Mlt.	
Bi214	CTS	1	Mlt.	
TL208	CTS	1	Mlt.	
TC	CTS	2	Mlt.	
Sample Rate			Sec.	

Rdr. Alt. F/S = Ft. at MV/Ft.

Line No. & Direct.	Fiducials and Scans Start	Fiducials and Scans End	Local Time Start	Local Time End	Line Extent From	Line Extent To	Header	Remarks	Fids.
ALT B/RND	96321	96500	08:01	09:03			81000		
TEST L	96501	96680	09:18	09:19			81010		
✓ 25S	96681	98090	09:21	09:33			10250		
✓ 24N	98091	99740	09:33	09:46			10240		
✓ 23S	99741	101260	09:47	09:59			10230		
✓ 22N	01261	02830	10:00	10:12			10220		
37S X	02831	02910	10:16	10:17			10371	INFILL SCANS	
37S	02911	03040	10:19	10:21			10372	NOT NEEDED	
✓ 33S	03041	03380	10:26	10:28			10331		
TEST L	03381								
		FLIGHT TERMINATED DUE WEATHER							
		LOW CLOUD IN AREA							

TAPE # 6, 7.

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

OPERATORS FLIGHT REPORT

Job No. 9001
Area FINGAL
Flight 09 DAY 46
Date 15 / 02 / 90 (Day / Mo. / Yr.)
Airplane VH-AFO
Pilot G. SCANDRETT
Co-Pilot J. JOHNSON
Operator Z. BELDI
Dataman D. MORRISON

Airport LAUNCESTON
Take off 08:41 Land 16:20
Flight time 4:51
Mag. Sens. F/S 10 / 100
Fid. & Scan Interval 0.48
Svy. Alt. 2501
Baro. Pres. 1019 mB
Baro. Alt. Correct. —
Rdr. Alt. Chart F/S 600 ft.

Spectrometer Multiplier Settings

	Analog F/S cts.		Digital Mult. No.	
K40	CTS	1	Mlt.	
Bi214	CTS	1	Mlt.	
TL208	CTS	1	Mlt.	
TC	CTS	2	Mlt.	
Sample Rate	0.96		Sec.	

Rdr. Alt. F/S = ____ Ft. at 1 MV/Ft.

Line No. & Direct.	Fiducials and Scans Start	Fiducials and Scans End	Local Time Start	Local Time End	Line Extent From	Line Extent To	Header	Remarks	Fids.
TEST L	72191						81000		
	LANDED	09:04	IN	AREA		FOG	IN AREA.		
	TAKE OFF	10:51				FOG			
TEST L	72191	72396	10:59	11:00			81000		
✓ 33S	72397	73966	11:05	11:18			10330		
✓ 32N	73967	75476	11:18	11:31			10320		
✓ 31S	75477	76086	11:31	11:37	N.B.		10310	BREAK	
X 31S	76087	76386	11:39	11:41			10311	SCRIB NN	
✓ 31S	76387	77456	11:44	11:53		53	10312		
✓ 30N	77457	78886	11:53	12:04			10300		
✓ 29S	78887	80276	12:04	12:16			10290		
✓ 28N	80277	81666	12:17	12:28			10280		
	LANDED FOR FUEL				12:38		(1:47)		
	TAKE OFF		F10		13:04				
✓ 27S	81667	83036	13:09	13:20			10270		
✓ 26N	83037	84496	13:21	13:33			10260		
✓ 01S	84497	86016	13:35	13:47			10010		
✓ 02N	86017	87466	13:47	13:59			10020		
✓ 03S	87467	88946	14:00	14:12			10030		
✓ 04N	88947	90346	14:13	14:25			10040		
✓ 05S	90347	91856	14:26	14:38			10050		
✓ 06N	91857	93216	14:38	14:50			10060	END of TAPE 6	
✓ 07S	93217	94696	14:53	15:05			10070	TAPE # 7	
✓ 08N	94697	96116	15:06	15:18			10080	DISK # 7.	
	LANDED		FOR	FUEL	15:23		(2:19)		
	TAKE OFF				15:49				
TEST L	96121	96316	15:55	15:57			81010		

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GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

OPERATORS FLIGHT REPORT

Job No. 4001
Area FINGAL
Flight 06. DAY 45
Date 14 / 2. / 90 (Day / Mo. / Yr.)
Airplane VH-AFO
Pilot G. SCANDRETT.
Co-Pilot T. JOHNSON
Operator Z. BELDI
Dataman B. MORRISON

Airport LAUNCESTON
Take off 08:08 Land 09:33
Flight time
Mag. Sens. F/S 0.48 /
Fid. & Scan Interval
Svy. Alt. 80m.
Baro. Pres.
Baro. Alt. Correct.
Rdr. Alt. Chart F/S
Rdr. Alt. F/S = Ft. at MV/Ft.

Spectrometer Multiplier Settings

	Analog F/S cts.		Digital Mult. No.	
K40	CTS	1	Mlt.	
Bi214	CTS	1	Mlt.	
TL208	CTS	1	Mlt.	
TC	CTS	2	Mlt.	
Sample Rate	0.96		Sec.	

Line No. & Direct.	Fiducials and Scans Start	End	Local Time Start	End	Line Extent From	To	Header	Remarks	Fids.
TEST L	40091	40270	09:55	09:56			81000	VIDEO TAK	# 4
TIE3E	40271	40880	09:58	10:03			90031	DISK	# 4.
TIE2W	40881	41440	10:03	10:08			90021		
TIE1E	41441	42010	10:08	10:13.			90011		
53S	42011	43480	10:15	10:27			10530		
52N	43481	44900	10:27	10:39			10520		
51S	44901	46350	10:39	10:50			10510		
50N	46351	47720	10:51	11:02			10500		
49S	47721	49200	11:04	11:16			10490		
48N	49201	50710	11:16	11:29			10480		
	LANDED FOR FUEL.			11:33			<2.00>		
	TAKEOFF		FOT	12:06					
47S	50711	52150	12:10	12:22			10470		
46N	52151	53600	12:22	12:34			10460		
45S	53601	55020	12:38	12:46			10450		
44N	55021	56420	12:46	12:58			10440		
43S	56421	57800	12:59	13:10			10430		
42N	57801	59240	13:11	13:23			10420		
41S	59241	60680	13:23	13:35			10410		
40N	60681	61080	13:37	13:39	SCRUB RUN.		10400	NEW TAPE	# 5.
40N	61081	62560	13:43	13:55			10401		
39S	62561	63990	13:56	14:08			10390		
38N	63991	65480	14:08	14:20			10380	NEW DISK	# 5
	LANDED FOR FUEL			14:25			<2.20>		
	TAKE OFF		FOT	14:52					
37S	65481	66977	14:56	15:08			10370		
36N	66978	68537	15:09				10360		
35S	68538	69857					10350		

USE? YES

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GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

OPERATORS FLIGHT REPORT

Job No. 9001
Area FINCH
Flight 08 DM 45
Date 14 / 2 / 90 (Day / Mo. / Yr.)
Airplane VH-AFO
Pilot
Co-Pilot
Operator
Dataman

Airport
Take off Land 16:25
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

	Analog F/S cts.	Digital Mult. No.
K40	CTS	Mlt.
Bi214	CTS	Mlt.
TL208	CTS	Mlt.
TC	CTS	Mlt.
Sample Rate		Sec.

Rdr. Alt. F/S = Ft. at MV/Ft.

Line No. & Direct.	Fiducials and Scans Start	Fiducials and Scans End	Local Time Start	Local Time End	Line Extent From	Line Extent To	Header	Remarks	Fids.
35N	69861	70471	15:35	15:40	S.B.		10351	INFILL	
34N	70478	71976	15:44	15:56			10390		
TESTL	71977	72186	15:59	16:02			81010		

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GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

OPERATORS FLIGHT REPORT

Job No. 9001
Area KINGAL
Flight 03 Day 044
Date 13 / 02 / 90 (Day / Mo. / Yr.)
Airplane VH-AFO
Pilot G. SCANDOL
Co-Pilot J. JOHNSON
Operator Z. BELDI
Dataman D. MORRISON

Airport
Take off 08:33 Land
Flight time
Mag. Sens. F/S 10 / 100
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S
Rdr. Alt. F/S 2500 Ft. at 1 ~~MV/Ft.~~

Spectrometer Multiplier Settings

	Analog F/S cts.		Digital Mult. No.	
K40	CTS	1	Mlt.	
Bi214	CTS	1	Mlt.	
TL208	CTS	1	Mlt.	
TC	CTS	2	Mlt.	
Sample Rate	0.96		Sec.	

Line No. & Direct.	Fiducials and Scans Start	Fiducials and Scans End	Local Time Start	Local Time End	Line Extent From	Line Extent To	Header	Remarks	Fids.
TASIL	10001	10200	08:53	08:55			80001	TAPE # 2	
TIE6E	10201	10820	09:02	09:07			90060	DISK # 2	
TIE5W	10821	11440	09:07	09:12			90050		
TIE4E	11441	12040	09:13	09:18			90040		
TIE16W	12041	12710	09:20	09:25			90160		
TIE17E	12711	13370	09:26	09:32			90170		
TIE18W	18371	14040	09:33	09:38			90180		
TIE19E	14041	14630	09:38	09:43			90190		
TIE20W	14631	15290	09:44	09:49			90200		
TIE21E	15291	15910	09:49	09:54			90210		
~~FIE~~	LANDED FOR FUEL		09:59				<1:26>		
	TAKE OFF FOR		10:26						
TIE22W	15911	16640	10:30	10:36			90220		
TIE23E	16641	17240	10:36	10:41			90230		
TIE24W	17241	17950	10:42	10:48			90240		
TIE25E	17951	18550	10:48	10:53			90250		
TIE26W	18551	19140	10:53	10:58			90260		
TIE27E	19141	19740	10:58	11:03			90270		
TIE28W	19741	20390	11:04	11:09			90280		
TIE29E	20391	21000	11:10	11:15			90290		
TIE30W	21001	21560	11:15	11:20			90300		
TIE31E	21561	22140	11:20	11:25			90310		
TIE32W	22141	22810	11:26	11:31			90320		
TIE33E	22811	23420	11:31	11:36			90330	(VIDEO ENDS 23414)	
TIE34W	23421	24050	11:37	11:42			90340		
TIE35E	24051	24610	11:42	11:47			90350		
TIE36W	24611	25210	11:47	11:52			90360	CANNOT LOCATE END	
TIE37	25211	25760	11:53	11:57			90370		

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GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

OPERATORS FLIGHT REPORT

Job No. 9001
Area FINGAL
Flight 03, 04
Date 13 / 2 / 90 (Day / Mo. / Yr.)
Airplane VH-AFO
Pilot
Co-Pilot
Operator
Dataman

Airport
Take off Land 15:31
Flight time 6:00
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct.
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

	Analog F/S cts.	Digital Mult. No.
K40	CTS	Mlt.
Bi214	CTS	Mlt.
TL208	CTS	Mlt.
TC	CTS	Mlt.
Sample Rate		Sec.

Rdr. Alt. F/S = Ft. at MV/Ft.

Line No. & Direct.	Fiducials and Scans Start	Fiducials and Scans End	Local Time Start	Local Time End	Line Extent From	Line Extent To	Header	Remarks	Flds.
✓ TIE38W	25761	26420	11:58	12:03			90380		
✓ TIE39E	26421	27040	12:03	12:09			90390		
✓ TIE40W	27041	27730	12:10	12:15			90400		
✓ TIE41E	27731	28300	12:15	12:20			90410		
✓ TIE42W	28301	28870	12:20	12:25			90420		
✓ TIE43E	28871	29420	12:25	12:30			90430	END TAPE 2	
LANDED FOR FUEL		@	12:35				<2:09>		
TAKE OFF FOR.		@	13:17					TAPE 3.	
✓ TIE44W	29421	30030	13:25	13:30			90440	DISK #3	
* TIE45E	30031	30480	13:31	13:34			90450	SCRUB MAN.	
✓ TIE45W	30481	31090	13:35	13:40			90451		
✓ TIE46E	31091	31610	13:40	13:45			90460		
✓ TIE47W	31611	32140	13:45	13:48			90470		
✓ TIE48E	32141	32670	13:49	13:54			90480		
✓ TIE49W	32671	33210	13:55	13:59			90490		
✓ TIE50E	33211	33760	13:59	14:04			90500		
✓ TIE51W	33761	34370	14:04	14:09			90510		
✓ TIE52E	34371	34950	14:09	14:14			90520		
✓ TIE53W	34951	35550	14:14	14:19			90530		
✓ TIE54E	35551	36180	14:24	14:30			90540		
✓ 55N	36181	37770	14:32	14:44			10550		
✓ 54S	37771	39340	14:45	14:58			10540	USE NORTH HALF	
✓ 54N	39341	39920	14:59	15:04			10541		
TEST L	39921	40090	15:10	15:12			81000		
		LANDED	LT	15:31.			<2:14>		

42714b

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

OPERATORS FLIGHT REPORT

Job No. 9001
Area 1
Flight 02
Date 12 / 2 / 90 (Day / Mo. / Yr.)
Airplane VH-AFO
Pilot G. SCANDRETT
Co-Pilot
Operator
Dataman

Airport
Take off 10:57 Land
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct.
Rdr. Alt. Chart F/S
Rdr. Alt. F/S = Ft. at MV/Ft.

Spectrometer Multiplier Settings

	Analog F/S cts.		Digital Mult. No.	
K40	CTS	1	Mlt.	
Bi214	CTS	1	Mlt.	
TL208	CTS	1	Mlt.	
TC	CTS	2	Mlt.	
Sample Rate	1.0		Sec.	

Line No. & Direct.	Fiducials and Scans		Local Time		Line Extent		Header	Remarks	Fids.
	Start	End	Start	End	From	To			
ALT Cal	00001	00397					80010		
TEST	00398	00633	11:20	11:22			80001		
TIE 7E	00634	01345	11:24	11:28			90070		
TIE8W	001346	01959	11:29	11:34			90080		
TIE9E	01960	02539	11:35	11:39			90090		
TIE10W	02540	03153	11:40	11:44			90100		
TIE11E	03154	03770	11:45	11:50			90110		
TIE12W	03771	04394	11:51	11:56			90120		
TIE13E	04395	05072	11:57	12:02			90130		
TIE14W	05073	05781	12:02	12:08			90140	NOT USED	
TIE14E	05782	06583	12:10	12:16			90141		
TIE15W	06584	07233	12:16	12:22			90150		

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GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

OPERATORS FLIGHT REPORT

Job No. 9001
Area FINGAL
Flight 01
Date 11 / 02 / 90 (Day / Mo. / Yr.)
Airplane VH-AFO
Pilot
Co-Pilot
Operator
Dataman

Airport LAUNCESTON
Take off Land
Flight time:
Mag. Sens. F/S 50 / 500
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

	Analog F/S cts.	Digital Mult. No.
K40	CTS	Mlt.
Bi214	CTS	Mlt.
TL208	CTS	Mlt.
TC	CTS	Mlt.
Sample Rate		Sec.

Rdr. Alt. F/S = 2500 Ft. at ____ MV/Ft.

Line No. & Direct.	Fiducials and Scans Start	Fiducials and Scans End	Local Time Start	Local Time End	Line Extent From	Line Extent To	Header	Remarks	Fids.
TL 1W	00245	00928	17:16	17:21	17		90010		
TL2E	00001	00675	17:23	17:28			90020		
TL3W	00001	00593	17:30	17:35			90030		
				SCRUBBED					

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GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

OPERATORS FLIGHT REPORT

Job No. 9001
Area FINGAL
Flight 01
Date 11 / 02 / 90 (Day / Mo. / Yr.)
Airplane VH-AFO
Pilot
Co-Pilot
Operator
Dataman

Airport LAUNCESTON
Take off Land
Flight time
Mag. Sens. F/S 50 / 500
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct.
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

	Analog F/S cts.	Digital Mult. No.
K40	CTS	Mlt.
Bi214	CTS	Mlt.
TL208	CTS	Mlt.
TC	CTS	Mlt.
Sample Rate		Sec.

Rdr. Alt. F/S = 2500 Ft. at ___ MV/Ft.

Line No. & Direct.	Fiducials and Scans Start	Fiducials and Scans End	Local Time Start	Local Time End	Line Extent From	Line Extent To	Header	Remarks	Fids.
TL 1W	00245	00925	17:16	17:21	17		90010		
TL2E	00001	00675	17:23	17:28			90020		
TL3W	00001	00593	17:30	17:35			90030		
				SCRUBBED					

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GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

OPERATORS FLIGHT REPORT

Job No. 9001
Area 1
Flight 02
Date 12 / 2 / 90 (Day / Mo. / Yr.)
Airplane VH-AFO
Pilot G. SCANDRETT
Co-Pilot
Operator
Dataman

Airport
Take off 10:57 Land
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

	Analog F/S cts.		Digital Mult. No.	
K40	CTS	1	Mlt.	
Bi214	CTS	1	Mlt.	
TL208	CTS	1	Mlt.	
TC	CTS	2	Mlt.	
Sample Rate	1 0		Sec.	

Rdr. Alt. F/S = Ft. at MV/Ft.

Line No. & Direct.	Fiducials and Scans Start	Fiducials and Scans End	Local Time Start	Local Time End	Line Extent From	Line Extent To	Header	Remarks	Flds.
ALT BAR	00001	00397					80010		
TEST	00398	00633	11:20	11:22			80001		
TIE 7E	00634	01345	11:24	11:28			90070		
TIE 8W	001346	01959	11:29	11:34			90080		
TIE 9E	01960	02539	11:35	11:39			90090		
TIE 10W	02540	03153	11:40	11:44			90100		
TIE 11E	03154	03770	11:45	11:50			90110		
TIE 12W	03771	04394	11:51	11:56			90120		
TIE 13E	04395	05072	11:57	12:02	✓		90130		
TIE 14W	05073	05781	12:02	12:08	✓		90140	NOT USED	
TIE 14E	05782	06583	12:10	12:16	✓		90141		
TIE 15W	06584	07233	12:16	12:22	✓		90150		

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GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

OPERATORS FLIGHT REPORT

Job No. 9001
Area KINGAL
Flight 03 DAY 044
Date 13 / 02 / 90 (Day / Mo. / Yr.)
Airplane VH-AFO
Pllot G. [illegible]
Co-Pilot J. JOHNSON
Operator Z. BELDI
Dataman D. MORRISON

Airport
Take off Land
Flight time
Mag. Sens. F/S 10 / 100
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S
Rdr. Alt. F/S = 2500 Ft. at 1 ~~MV/Ft.~~

Spectrometer Multiplier Settings

	Analog F/S cts.		Digital Mult. No.	
K40	CTS	1	Mlt.	
Bi214	CTS	1	Mlt.	
TL208	CTS	1	Mlt.	
TC	CTS	2	Mlt.	
Sample Rate	0.96		Sec.	

Line No. & Direct.	Fiducials and Scans Start	Fiducials and Scans End	Local Time Start	Local Time End	Line Extent From	Line Extent To	Header	Remarks	Fids.
TASK	10001	10200	08:53	08:55			80001	TAPE # 2	
TIE6E	10201	10820	09:02	09:07			90060	DISK #2	
TIE5W	10821	11440	09:07	09:12			90050		
TIE4E	11441	12040	09:13	09:18			90040		
TIE3W	12041	12710	09:20	09:25			90160		
TIE1E	12711	13370	09:26	09:32			90170		
TIE8W	13371	14040	09:33	09:38			90180		
TIE9E	14041	14630	09:38	09:43			90190		
TIE20W	14631	15290	09:44	09:49			90200		
TIE21E	15291	15910	09:49	09:54			90210		
FE	LANDED FOR FUEL		09:59				<1:26>		
	TAKE OFF		FOR 10:26						
TIE22W	15911	16640	10:30	10:36			90220		
TIE23E	16641	17240	10:36	10:41			90230		
TIE24W	17241	17950	10:42	10:48			90240		
TIE25E	17951	18550	10:48	10:53			90250		
TIE26W	18551	19140	10:53	10:58			90260		
TIE27E	19141	19740	10:58	11:03			90270		
TIE28W	19741	20390	11:04	11:09			90280		
TIE29E	20391	21000	11:10	11:15			90290		
TIE30W	21001	21560	11:15	11:20			90300		
TIE31E	21561	22140	11:20	11:25			90310		
TIE32W	22141	22810	11:26	11:31			90320		
TIE33E	22811	23420	11:31	11:36			90330	(VIDEO ENDS 23414	
TIE34W	23421	24050	11:37	11:42			90340		
TIE35E	24051	24610	11:42	11:47			90350		
TIE36W	24611	25210	11:47	11:52			90360	CANNOT LOCATE END	
TIE37	25211	25760	11:53	11:57			90370		

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GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

OPERATORS FLIGHT REPORT

Job No. 9001
Area FINGAL
Flight 03, 04, 05
Date 13 / 2 / 90 (Day / Mo. / Yr.)
Airplane VH-AFO
Pilot
Co-Pilot
Operator
Dataman

Airport
Take off Land 15:31
Flight time 6:00
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

	Analog F/S cts.	Digital Mult. No.
K40	CTS	Mlt.
Bi214	CTS	Mlt.
TL208	CTS	Mlt.
TC	CTS	Mlt.
Sample Rate		Sec.

Rdr. Alt. F/S = Ft. at MV/Ft.

Line No. & Direct.	Fiducials and Scans Start	Fiducials and Scans End	Local Time Start	Local Time End	Line Extent From	Line Extent To	Header	Remarks	Fids.
✓TIE 38W	25761	26420	11:58	12:03			90380		
✓ TIE39E	26421	27040	12:03	12:09			90390		
✓ TIE40W	27041	27730	12:10	12:15			90400		
✓ TIE41E	27731	28300	12:15	12:20			90410		
✓ TIE42W	28301	28870	12:20	12:25			90420		
✓ TIE43E	28871	29420	12:25	12:30			90430	END TAPE 2	
LANDED FOR FUEL			@	12:35.			<2:09>		
TAKE OFF FOR 05.			@	13:17				TAPE 3.	
TIE 44W	29421	30030	13:25	13:30			90440	DISK #3	
TIE 45E	30031	30480	13:31	13:34			90450	SCRUB NAV.	
✓ TIE 45W	30481	31090	13:35	13:40			90451		
✓ TIE46E	31091	31610	13:40	13:45			90460		
TIE47W	31611	32140	13:45	13:48			90470		
TIE48E	32141	32670	13:49	13:54			90480		
✓ TIE 48W	32671	33210	13:55	13:59			90490		
✓ TIE 50E	33211	33760	13:59	14:04			90500		
✓ TIE51W	33761	34370	14:04	14:09			90510		
✓ TIE52E	34371	34950	14:09	14:14			90520		
✓ TIE53W	34951	35550	14:14	14:19			90530		
✓ TIE54E	35551	36180	14:24	14:30			90540		
✓ 55N	36181	37770	14:32	14:44			10550		
✓ 54S	37771	39340	14:45	14:58			10540	USE NORTH HALF	
✓ 54N	39341	39920	14:59	15:04			10541		
TEST ✓	39921	40090	15:10	15:12			81000		
		LANDED	LT	15:31.			<2:14>		

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GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

OPERATORS FLIGHT REPORT

Job No. 4001
Area FINGAL
Flight 06 DAY 45
Date 14 / 2 / 90 (Day / Mo. / Yr.)
Airplane VH-AFO
Pilot G. SCANDRETT.
Co-Pilot I. JOHNSON
Operator Z BELDI
Dataman B. MORRISON

Airport LAUNCESTON
Take off 08:08 Land 09:33
Flight time
Mag. Sens. F/S 0.48 /
Fid. & Scan Interval
Svy. Alt. 80 m.
Baro. Pres.
Baro. Alt. Correct.
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

Analog F/S cts.		Digital Mult. No.	
K40	CTS	1	Mlt.
Bi214	CTS	1	Mlt.
TL208	CTS	1	Mlt.
TC	CTS	2	Mlt.
Sample Rate	0.96		Sec.

Rdr. Alt. F/S = Ft. at MV/Ft.

Line No. & Direct.	Fiducials and Scans Start	End	Local Time Start	End	Line Extent From	To	Header	Remarks	Fids.
TEST	40091	40270	09:55	09:56			81000	VIDEO TAPE	# 4
TIE3E	40271	40880	09:58	10:03			90031	DISK	# 4
TIE2W	40881	41440	10:03	10:08			90021		
TIE1E	41441	42010	10:08	10:13			90011		
43S	42011	43480	10:15	10:27			10530		
52N	43481	44900	10:27	10:39			10520		
5XS	44901	46350	10:39	10:50			10510		
50N	46351	47720	10:51	11:02			10500		
49S	47721	49200	11:04	11:16			10490		
48N	49201	50710	11:16	11:29			10480		
	LANDED FOR FUEL.			11:33			<2.00>		
	TAKEOFF		FOT	12:06					
47S	50711	52150	12:10	12:22			10470		
46N	52151	53600	12:22	12:34			10460		
45S	53601	55020	12:35	12:46			10450		
44N	55021	56420	12:46	12:58			10440		
43S	56421	57800	12:59	13:10			10430		
42N	57801	59240	13:11	13:23			10420		
4XS	59241	60680	13:23	13:35			10410		
40N	60681	61080	13:37	13:39	SCRUB NAV.		10400	NEW TAPE	# 5
40N	61081	62560	13:43	13:55			10401		
39S	62561	63990	13:56	14:08			10590		
38N	63991	65480	14:08	14:20			10380	NEW DISK	# 5
	LANDED FOR FUEL			14:25			<2.25>		
	TAKE OFF		FOS	14:52					
37S	65481	66977	14:56	15:08			10370		
36N	66978	68537	15:09				10360		
35S	68538	69857					10350		

USE?

427152

2/2

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

OPERATORS FLIGHT REPORT

Job No. 9001
Area FINCAL
Flight 08 DAY 45
Date 14 / 2 / 90 (Day / Mo. / Yr.)
Airplane VH-AFO
Pilot
Co-Pilot
Operator
Dataman

Airport
Take off Land 16:25
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct.
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

	Analog F/S cts.	Digital Mult. No.
K40	CTS	Mlt.
Bi214	CTS	Mlt.
TL208	CTS	Mlt.
TC	CTS	Mlt.
Sample Rate		Sec.

Rdr. Alt. F/S = Ft. at MV/Ft.

Line No. & Direct.	Fiducials and Scans		Local Time		Line Extent		Header	Remarks	Fids.
	Start	End	Start	End	From	To			
35W	69861	70477	15:35	15:40	S.B.		10351	INFILL	
36W	70478	71976	15:44	15:56			10340		
TEST/L	71977	72186	15:59	16:02			81010		

427153 1.f

TAPE # 6, 7

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

OPERATORS FLIGHT REPORT

Job No. 9001
Area FINGAL
Flight 09 DAY 46
Date 15/02/90 (Day Mo. Yr.)
Airplane VH-AFO
Pilot G. SCANDRETT
Co-Pilot J. JOHNSON
Operator I. REDDI
Dataman D. MORRISON

Airport LAUNCESTON
Take off 08:41 Land 16:20
Flight time 4:51
Mag. Sens. F/S 10 / 100
Fid. & Scan Interval 0.48
Svy. Alt. 2501
Baro. Pres. 1019 mb
Baro. Alt. Correct.
Rdr. Alt. Chart F/S 6000 ft.

Spectrometer Multiplier Settings

	Analog F/S cts.		Digital Mult. No.	
K40	CTS	1	Mlt.	
Bi214	CTS	1	Mlt.	
TL208	CTS	1	Mlt.	
TC	CTS	2	Mlt.	
Sample Rate	0.96		Sec.	

Rdr. Alt. F/S = ____ Ft. at 1 MV/Ft.

Line No. & Direct.	Fiducials and Scans Start	End	Local Time Start	End	Line Extent From	To	Header	Remarks	Fids.
TEST L	72191						81000		
	LANDED VH	OFF	IN		AREA		FOG	IN AREA.	
	TAKE OFF 10:51					FOG			
TEST ✓	72191	72396	10:59	11:00			81000		
✓ 33S	72397	73966	11:05	11:18			10330		
✓ 32N	73967	75476	11:18	11:31			10320		
✓ 31S	75477	76086	11:31	11:37	N.S.		10310	BREAK	
2NS	76087	76386	11:39	11:41			10311	SCRUB NS	
✓ 31S	76387	77456	11:44	11:53		53	10312		
✓ 30N	77457	78886	11:53	12:04			10300		
✓ 29S	78887	80276	12:04	12:16			10290		
✓ 28N	80277	81666	12:17	12:28			10280		
	LANDED FOR FOG				12:38		(1:47)		
	TAKE OFF		FOG		13:04				
✓ 27S	81667	83036	13:09	13:20			10270		
✓ 26N	83037	84496	13:21	13:33			10260		
✓ 01S	84497	86016	13:35	13:47			10010		
✓ 02N	86017	87466	13:47	13:59			10020		
✓ 03S	87467	88946	14:00	14:12			10030		
✓ 04N	88947	90346	14:13	14:25			10040		
✓ 05S	90347	91856	14:26	14:38			10050		
✓ 06N	91857	93216	14:38	14:50			10060	END of TAPE 6	
✓ 07S	93217	94696	14:53	15:05			10070	TAPE # 7	
✓ 08N	94697	96116	15:06	15:18			10080	DISK # 7.	
	LANDED	FOR	FOG		15:23		(2:19)		
	TAKE OFF				15:49				
TEST ✓	96121	96316	15:55	15:57			81010		

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GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

OPERATORS FLIGHT REPORT

Job No. 9001
Area KINCAID
Flight 11 DAY 048
Date 1 / 1 90
Day Mo. Yr.
Airplane VH-AFO
Pilot C. SPANDETT
Co-Pilot T. JOHNSON
Operator C. BEZDI
Dataman D. McKISSOCK

Airport [illegible]
Take off 08:36 Land 11:00
Flight time 2:24
Mag. Sens. F/S [illegible]
Fid. & Scan Interval 0.4
Svy. Alt. 150 m
Baro. Pres.
Baro. Alt. Correct.
Rdr. Alt. Chart F/S
Rdr. Alt. F/S = Ft. at MV/Ft.

Spectrometer Multiplier Settings

	Analog F/S cts.		Digital Mult. No.	
K40	CTS	1	Mlt.	
Bi214	CTS	1	Mlt.	
TL208	CTS	1	Mlt.	
TC	CTS	2	Mlt.	
Sample Rate			Sec.	

Line No. & Direct.	Fiducials and Scans		Local Time		Line Extent		Header	Remarks	Flds.
	Start	End	Start	End	From	To			
ALT B/GND	96321	96500	09:01	09:03			10000		
TOTL	96501	96610	09:18	09:19			10140		
✓ 285	96681	98010	09:31	09:33			10250		
✓ 285	98011	99740	09:33	09:46			10240		
✓ 285	99741	10126	09:47	09:59			10230		
✓ 33N	01261	02830	10:10	10:12			10220		
378 X	02831	02910	10:16	10:17			10371	CNFIG SCALES	
378	02911	03040	10:19	10:21			10372	NOT NEEDED	
✓ 335	03041	03380	10:26	10:28			10331		
TOTL	03381								
		FLIGHT	TERMINATED		DUE		CUTTER		
		GOW	CLOUD	IN	ALGN				

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GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

OPERATORS FLIGHT REPORT

Job No. 9001
Area FINGAL
Flight 12 DAYCAM
Date 10 / 2 / 90 (Day / Mo. / Yr.)
Airplane VH-AFO
Pilot G. SCANDRETT
Co-Pilot T. JOHNSON
Operator T. BELDI
Dataman D. MORRISON

Airport LAUNCESTON
Take off 08:26 Land
Flight time
Mag. Sens. F/S 10 / 100
Fid. & Scan Interval
Svy. Alt. 250 ft
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

	Analog F/S cts.		Digital Mult. No.	
K40		CTS	1	Mlt.
Bi214		CTS	1	Mlt.
TL208		CTS	1	Mlt.
TC		CTS	2	Mlt.
Sample Rate	0.96			Sec.

Rdr. Alt. F/S = Ft. at MV/Ft.

Line No. & Direct.	Fiducials and Scans Start	Fiducials and Scans End	Local Time Start	Local Time End	Line Extent From	Line Extent To	Header	Remarks	Fids.
TEST	03381	03550	08:43	08:45			9000		
9S	03551	04780	08:47	08:51			10078		
9N	04781	05601	08:54	08:57			10079		
— FLIGHT TERMINATED DUE WEATHER —									
RAIN APPROACHING; STRONG NW WINDS 20/30 KNOTS									
EXTREME R/C; MOTION CAUSING MAG NOISE									
OUTSIDE SPECIFICATIONS.									

FLTS 13, 14

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DISK # 9

TAPE # 9

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)
OPERATORS FLIGHT REPORT

Job No. 9001
Area FINGAL
Flight 13 DAY 051
Date 20 / 02 / 90 (Day / Mo. / Yr.)
Airplane VH-AFO
Pilot C. SCHNEIDER
Co-Pilot J. JOHNSON
Operator T. SELBY
Dataman D. MORRISON

Airport LAUNCESTON
Take off 08:46 Land 13:47
Flight time 4:25
Mag. Sens. F/S 10 / 100
Fid. & Scan Interval
Svy. Alt. 2500
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S 1200

Spectrometer Multiplier Settings

Analog F/S cts.		Digital Mult. No.	
K40	CTS		Mlt.
Bi214	CTS		Mlt.
TL208	CTS		Mlt.
TC	CTS		Mlt.
Sample Rate			Sec.

Rdr. Alt. F/S = 2500 Ft. at 1.2 MV/Ft.

Line No. & Direct.	Fiducials and Scans Start	Fiducials and Scans End	Local Time Start	Local Time End	Line Extent From	Line Extent To	Header	Remarks	Fids.
TEST	05601	05780	08:03	09:05			81000	TAPE # 9	
09S	05781	07280	09:06	09:19			100903	DISK # 9	
10N	07281	08860	09:20	09:33			101000		
10S	08861	10350	09:34	09:46			101010		
11N	10351	11790	09:46	09:58			101020		
12S	11791	13250	09:58	10:11			101030		
14N	13251	14660	10:11	10:22			101040		
15S	14661	16070	10:23	10:35			101050	END VIDEO #8	
16N	16071	17530	10:35	10:46			101060	NEW VIDEO #9	
17S	17531	17630	10:47	10:48			101070	SCRUB	
17S	17631	18950	10:49	11:00			101071	~~END LINE = TAPE #~~	
18N	18981	20430	11:01	11:12			101080	~~NEW LINE = TAPE #~~ 1	
	LINED FOR		TEST	11:17		(2:31)			
	TAPE OFF		F14	11:56					
19S	20431	21690	12:03	12:13			101090		
20N	21691	23040	12:13	12:24			102000		
21S	23041	24310	12:24	12:35			102010		
46N	24311	24550	12:36	12:38			104008	SCRUB	
47S	24551	24770	12:39	12:41			104004		
52N	24771	25130	12:44	12:47			105021		
03S	25131	25390	12:51	12:53			100031		
05S	25391	25610	12:55	12:56			100051		
06N	25611	25660	12:59	13:00			100061	SCRUB	
06S	25661	25820	13:00	13:02			100062		
04S	25821	25960	13:03	13:03			100041	SCRUB	
04S	25961	26170	13:05	13:06			100042		
03N	26171	26480	13:07	13:09			100021		
TEST	26481	26661	13:15	13:17			81010	*BY VIDEO*	
END	26661	26661	13				81010	SHED FID 26702-0	

427157

MAGC

MAGF

MAGF

MAGC

MAGF

MAGC

BARO

RALT

TC

K40

RALT

BARO

BI

TL

MAGNETOMETER RECORD

AREA Fingal 15/2/90

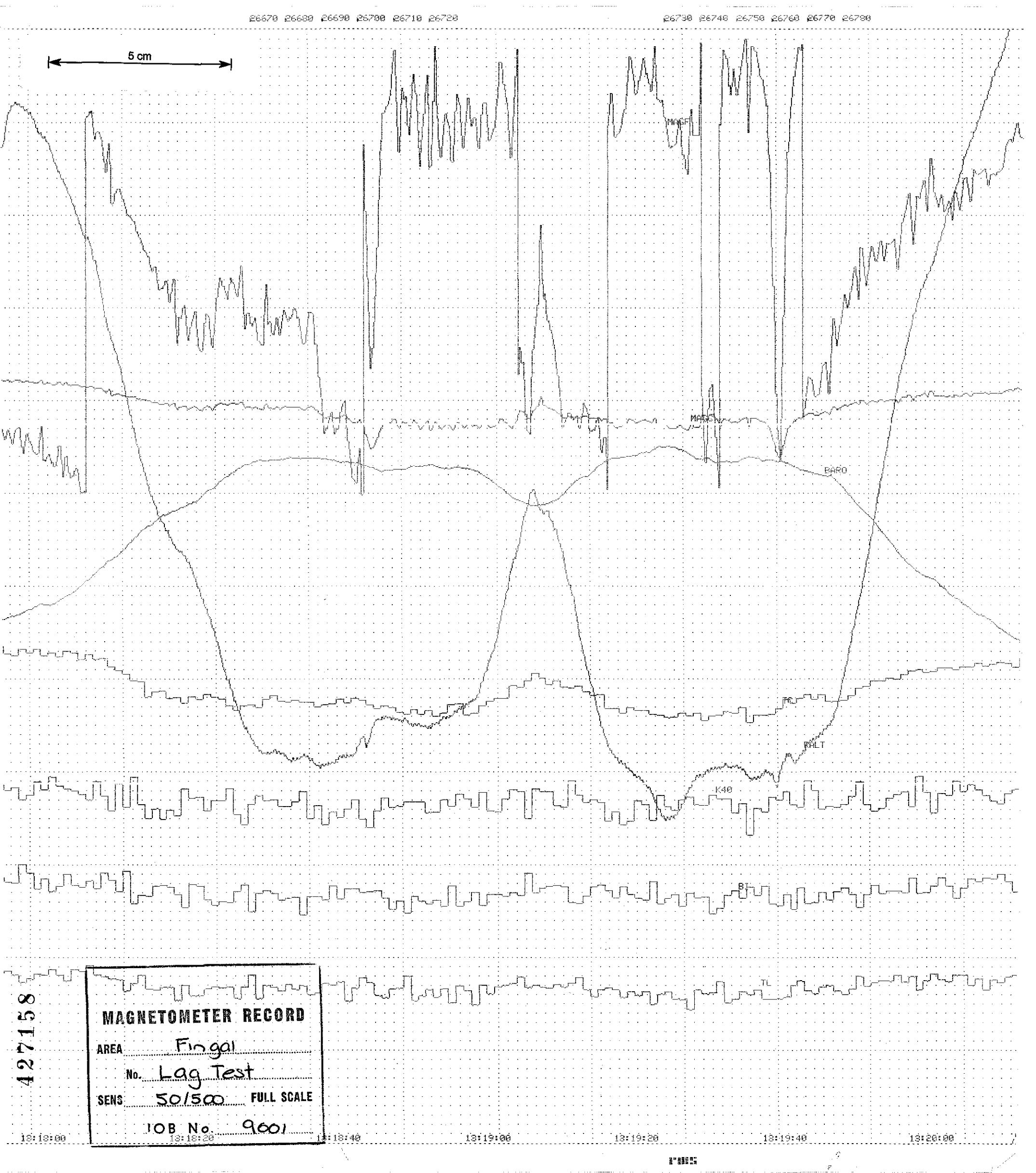
No. Test Line am

SENS 50/500 FULL SCALE

JOB No. 9001

5 cm

57:40 10:58:00 10:58:20 10:58:40 10:59:00 10:59:20 10:59:40 11:00:00 11:00:20 11:00:40 11:05:20



427158

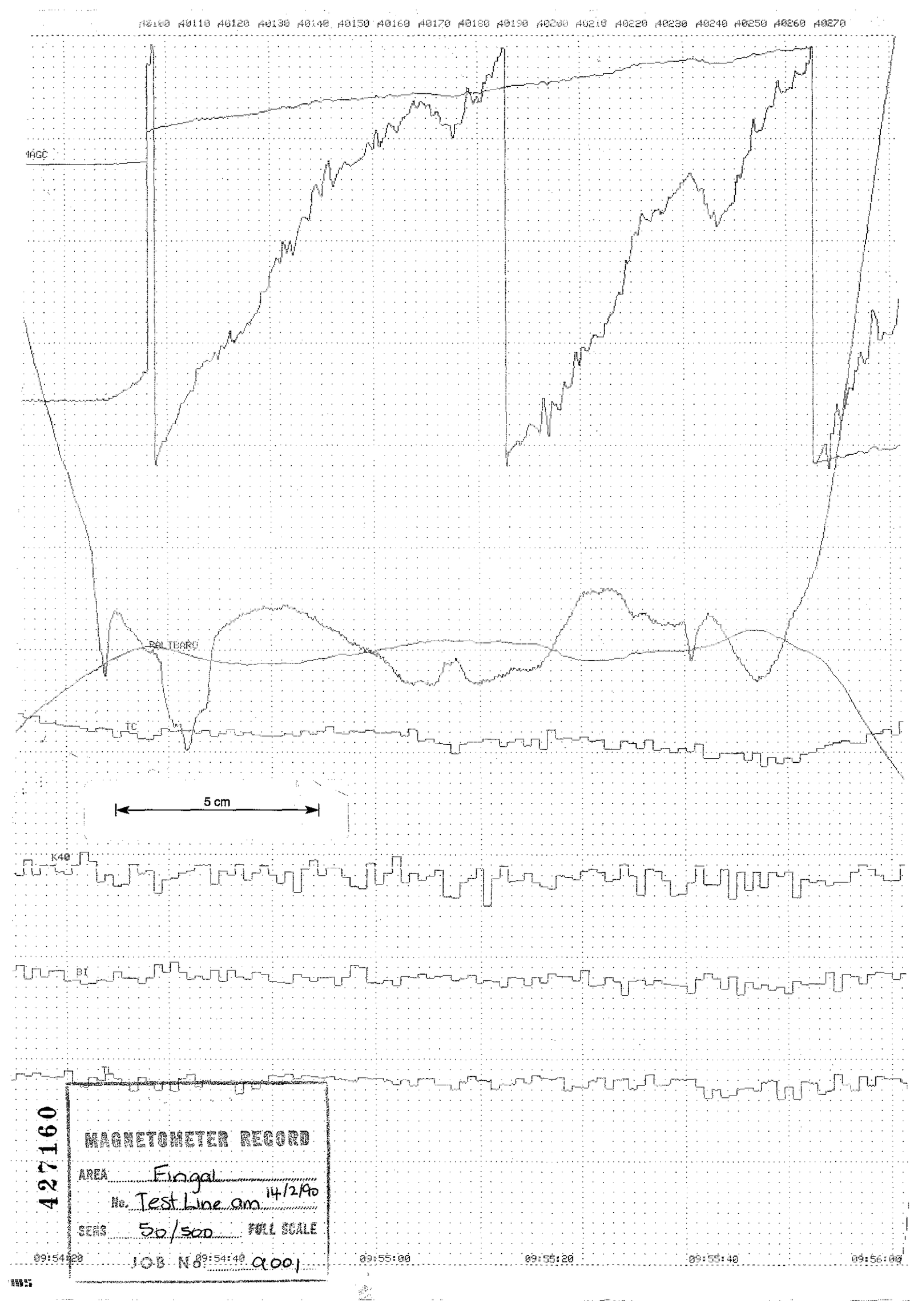
MAGNETOMETER RECORD

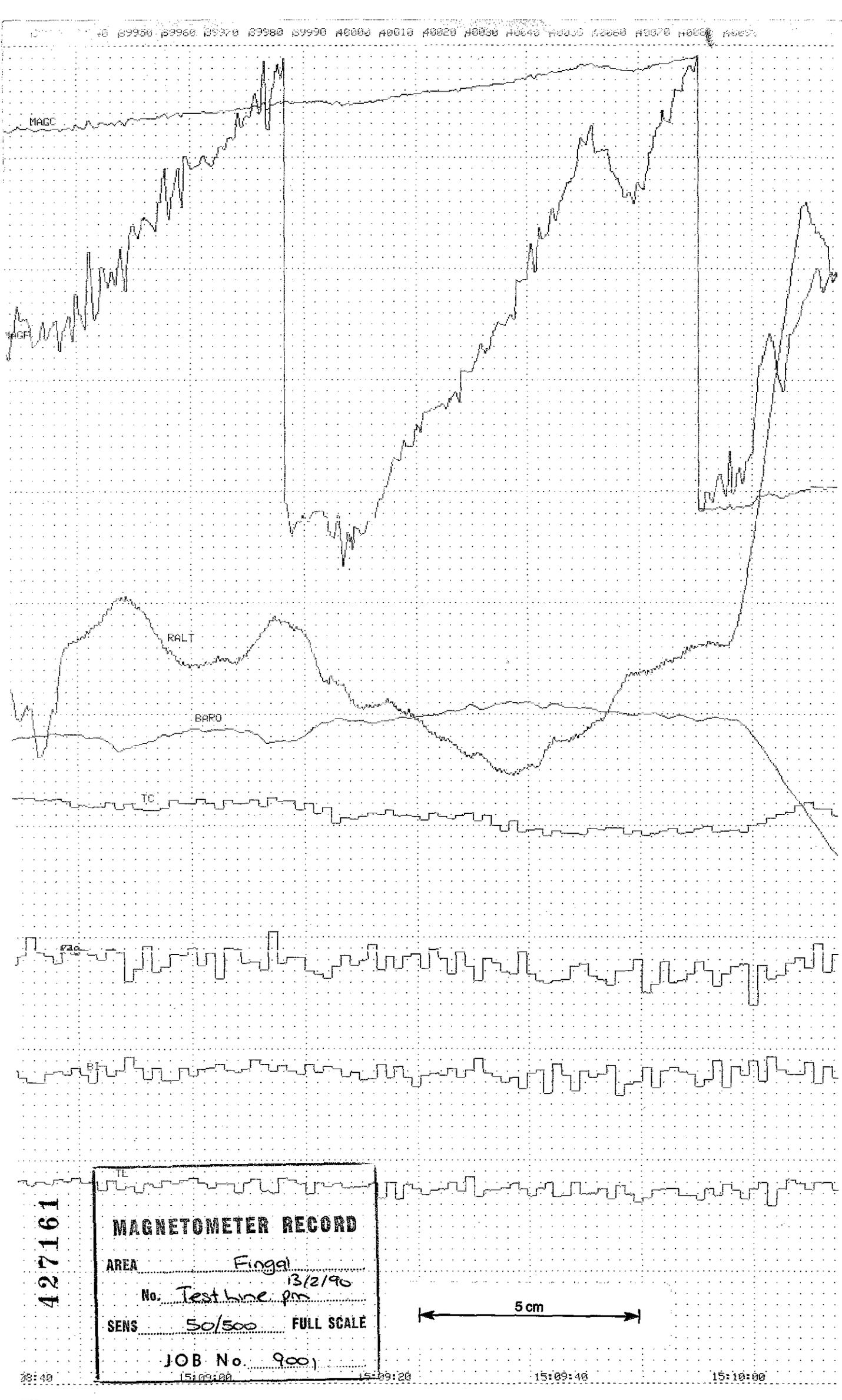
AREA Fingal

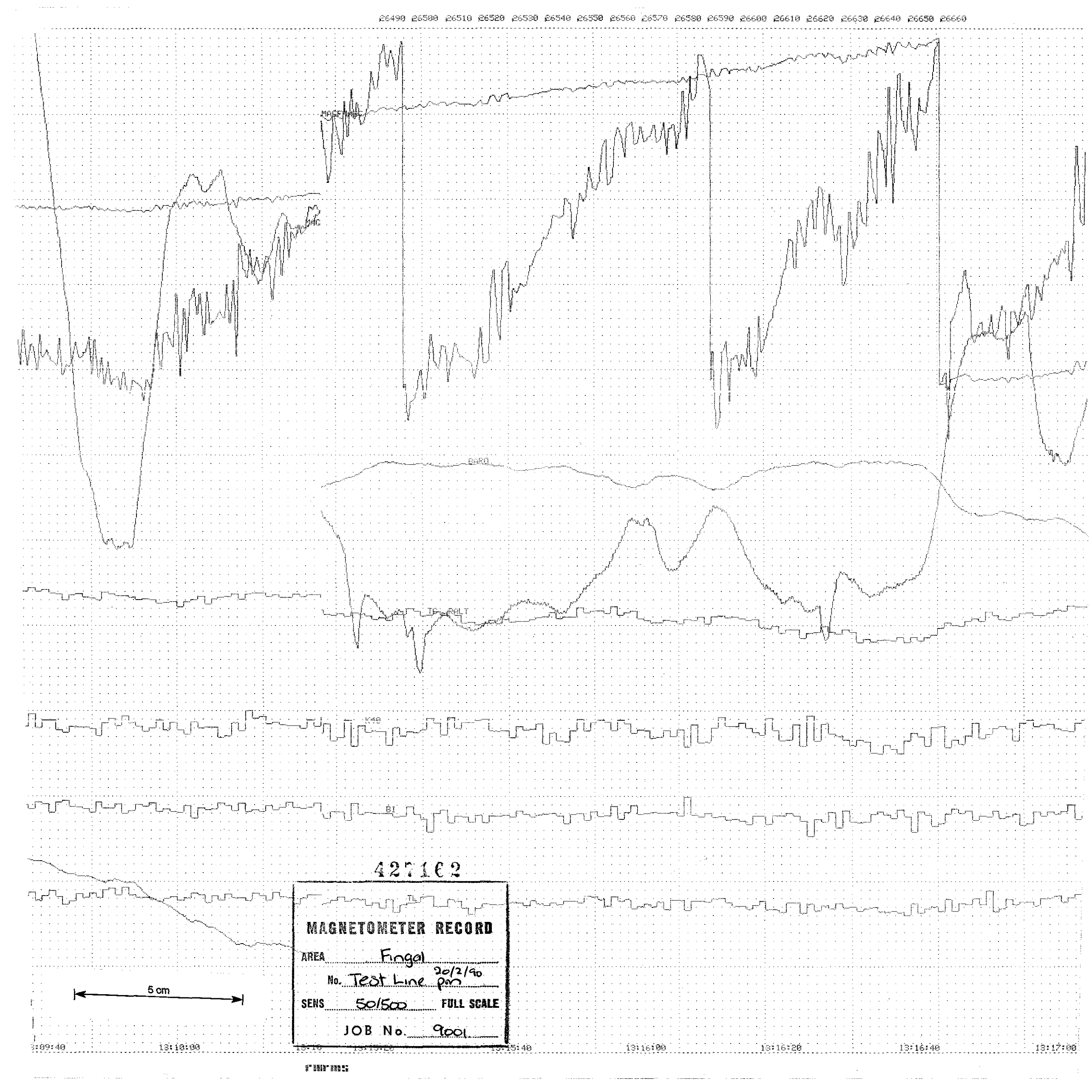
No. Lag Test

SENS 50/500 FULL SCALE

IOB No. 9001


A0100 A0110 A0120 A0130 A0140 A0150 A0160 A0170 A0180 A0190 A0200 A0210 A0220 A0230 A0240 A0250 A0260 A0270
MAGC
RALTBARO
TC
5 cm
K40
BI
TL
427160
MAGNETOMETER RECORD
AREA Fingal
No. Test Line 9m 14/2/90
SENS 50/500 FULL SCALE
JOB No. 9001
09:54:20
09:54:40
09:55:00
09:55:20
09:55:40
09:56:00


MAGC
MAGF
RALT
BARO
TC
FAS
BF
TL
427161
MAGNETOMETER RECORD
AREA Fingal
No. Test line fm 13/2/90
SENS 50/500 FULL SCALE
JOB No. 9001
5 cm
08:40
15:09:00
15:09:20
15:09:40
15:10:00


26490 26500 26510 26520 26530 26540 26550 26560 26570 26580 26590 26600 26610 26620 26630 26640 26650 26660
MAGF
BARO
K40
Bi
Th
427162
MAGNETOMETER RECORD
AREA Fingal
No. Test Line pm 20/2/90
SENS 50/500 FULL SCALE
JOB No. 9001
5 cm
13:09:40
13:10:00
13:15:40
13:16:00
13:16:20
13:16:40
13:17:00

MAGC

MAGF

MAGC

RALT

TC

TC

BARO

K40

K40

BI

BI

MAGNETOMETER RECORD

AREA Fingal

No. Testline am 16/2/90

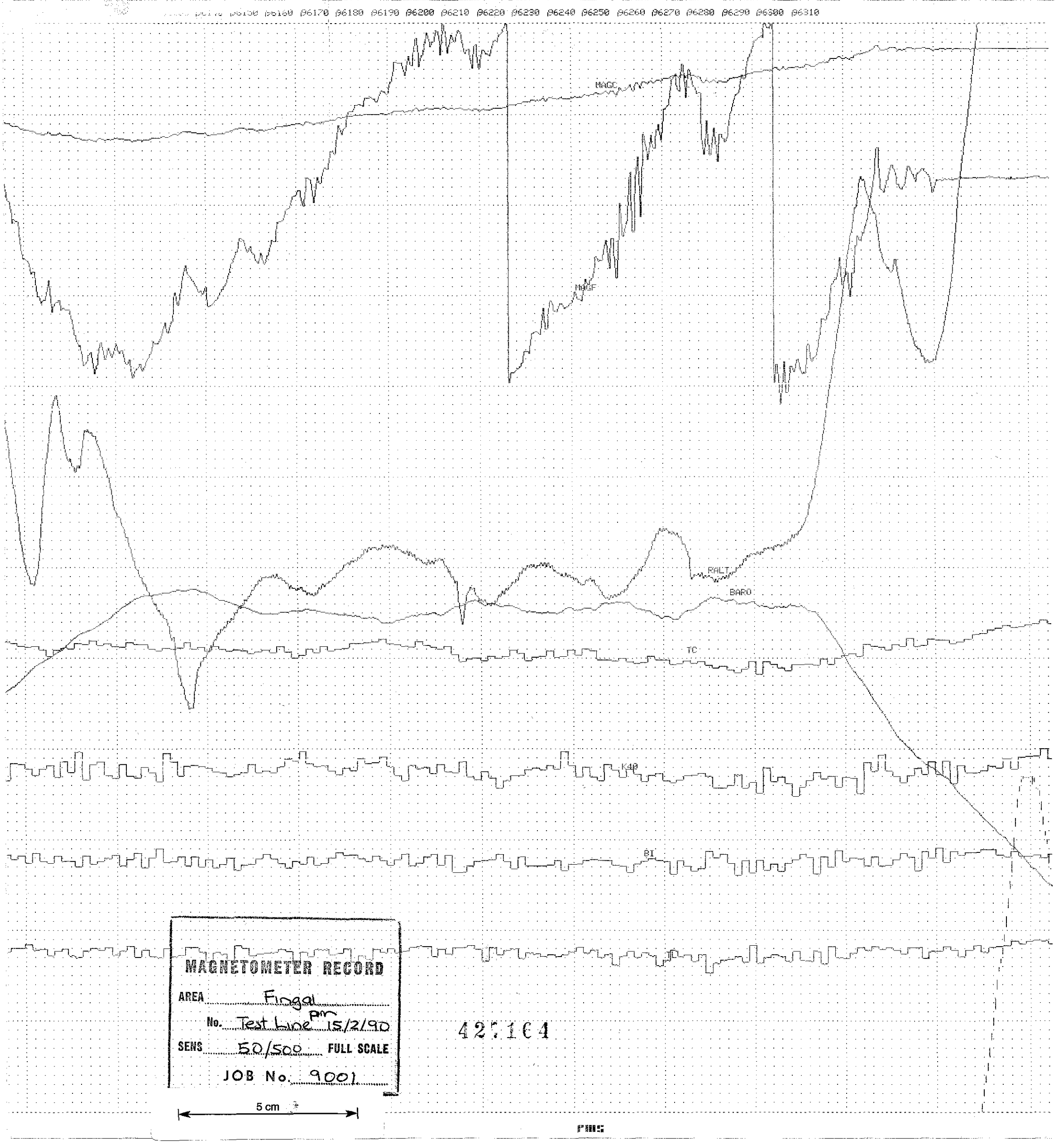
SENS 50/500 FULL SCALE

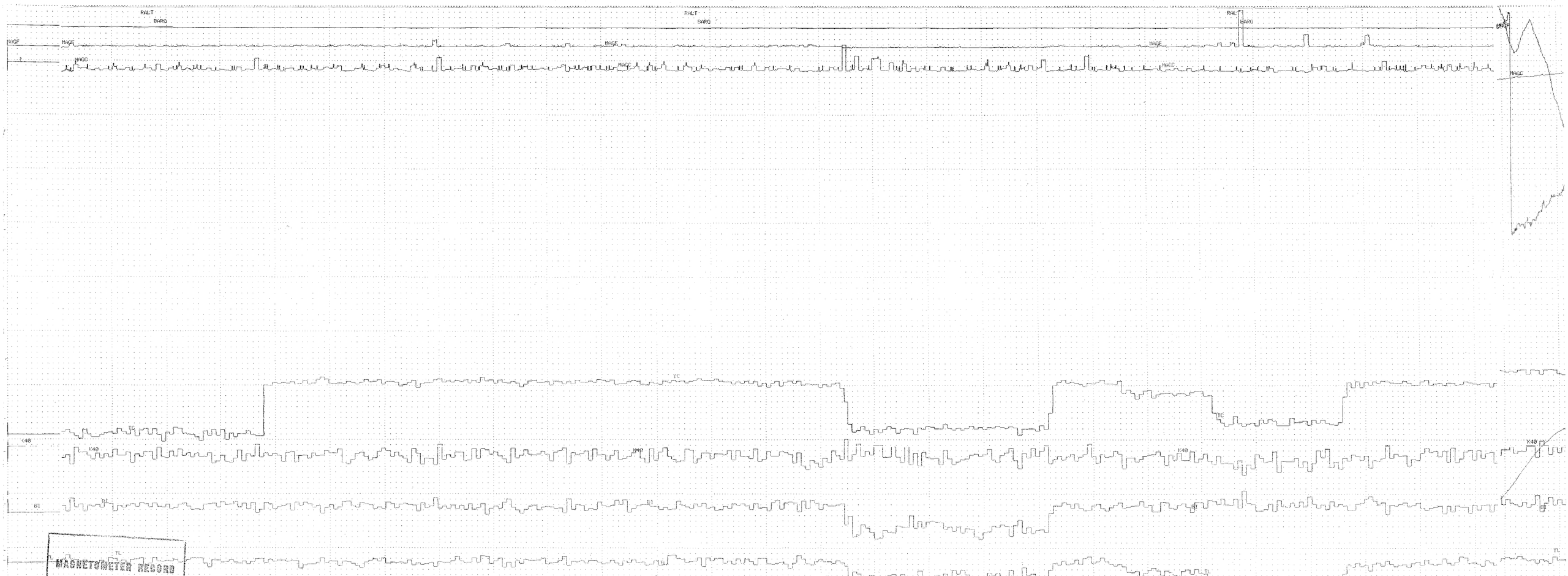
JOB No 9001

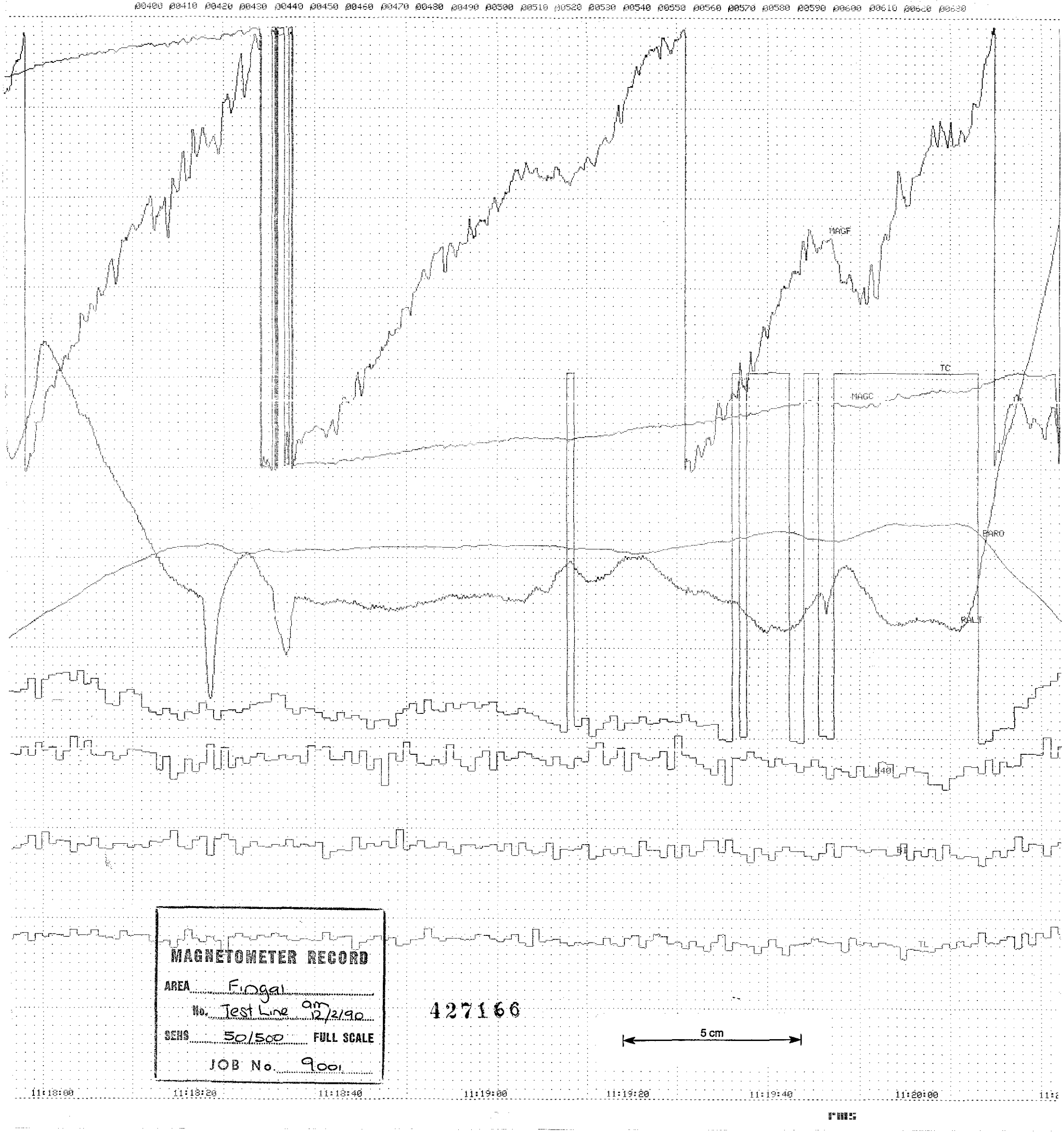
427103

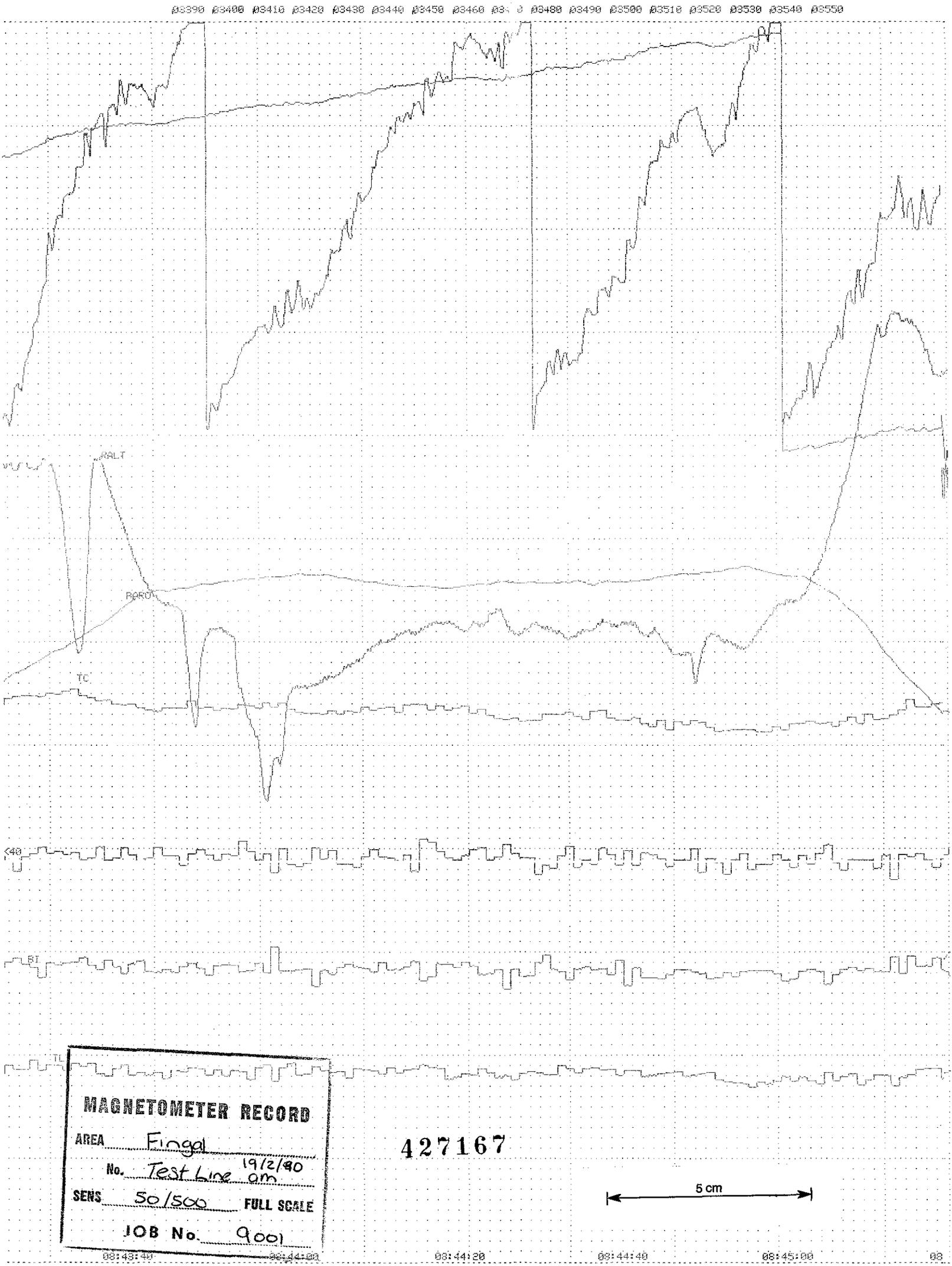
5 cm

09:17:40 09:18:00 09:18:20 09:18:40 09:19:00 09:20:40


6150 6160 6170 6180 6190 6200 6210 6220 6230 6240 6250 6260 6270 6280 6290 6300 6310
MAGC
MAGF
RALT
BARO
TC
K40
BI
MAGNETOMETER RECORD
AREA Fingal
No. Test Line PM 15/2/90
SENS 50/500 FULL SCALE
JOB No. 9001
5 cm
427164


RALT
BARO
MAGF
MAGC
TC
K40
RAD
U1
TL
MAGNETOMETER RECORD
AREA Fingal
No. Pre Cals 13/2/90
SENS 50/500 FULL SCALE
JOB No. 909
427165
5 cm
FIDS
08:58:00


MAGF
TC
MAGC
BARO
RALT
K40
MAGNETOMETER RECORD
AREA Fingal
No. Test Line 9m 12/2/90
SENS 50/500 FULL SCALE
JOB No. 9001
427166
5 cm
11:18:00
11:18:20
11:18:40
11:19:00
11:19:20
11:19:40
11:20:00


Ø3390 Ø3400 Ø3410 Ø3420 Ø3430 Ø3440 Ø3450 Ø3460 Ø3470 Ø3480 Ø3490 Ø3500 Ø3510 Ø3520 Ø3530 Ø3540 Ø3550
RALT
RORUN
TC
<40
BT
TL
MAGNETOMETER RECORD
AREA Fingal
No. Test Line 19/2/90 am
SENS 50/500 FULL SCALE
JOB No. 9001
427167
5 cm
08:43:40
08:44:00
08:44:20
08:44:40
08:45:00

950 96350 96370 96380 96390 96400 96410 96420 96430 96440 96450 96460 96470 96480 96500
MAG
BPZ
TC
K40
BI
TL
427168
MAGNETOMETER RECORD
AREA Fingal 16/2/90
No. High Alt background
SENS 50/500 FULL SCALE
JOB No. 9001
5 cm
09:04:40
09:05:00
09:05:20
09:05:40
09:06:00

10010 10020 10030 10040 10050 10060 10070 10080

MAGT

MAGF

MAGF

MAGT

BARO

K##

BT

TT

MAGNETOMETER RECORD

AREA Fingal

No. Test Line am 13/2/90

SENS 50/500 FULL SCALE

JOB No. 9001

427169

5 cm

08:53:20 08:53:40 08:54:00 08:54:20 08:54:40 08:55:00

Ø5610 Ø5620 Ø5630 Ø5640 Ø5650 Ø5660 Ø5670 Ø5680 Ø5690 Ø5700 Ø5710 Ø5720 Ø5730 Ø5740 Ø5750 Ø5760 Ø5770 Ø5780

RALT

MAGC

MAGF

MAGF

BARO

TC

MAGNETOMETER RECORD

AREA Engal

No. Test Line am 20/2/90

SENS 50/500 FULL SCALE

JOB No. 9001

427170

5 cm

09:03:00 09:03:20 09:03:40 09:04:00 09:04:20 09:04:40 09:05:00

2050 2060 2070 2080 2090 2100 2110 2120 2130 2140 2150 2160 2170 2180

MAGC

MAGF

MAGC

MAGF

RADIO

RALT

TC

TC

K40

RALT

K40

B

BI

BI

TTL

MAGNETOMETER RECORD

AREA Fungal

No. Test Line pm 14/2/90

SENS 50/500 FULL SCALE

JOB No. 9001

427171

5 cm

15:56:00 15:56:20 :40 16:00:00 16:00:20 16:00:40 16:01:00

427172

MAGNETOMETER RECORD

AREA Fingal am 2/2/90

No. Gft Background

SENS 50/500 FULL SCALE

JOB No. 9001

RALT

BARO

MAGF

MAGC

TC

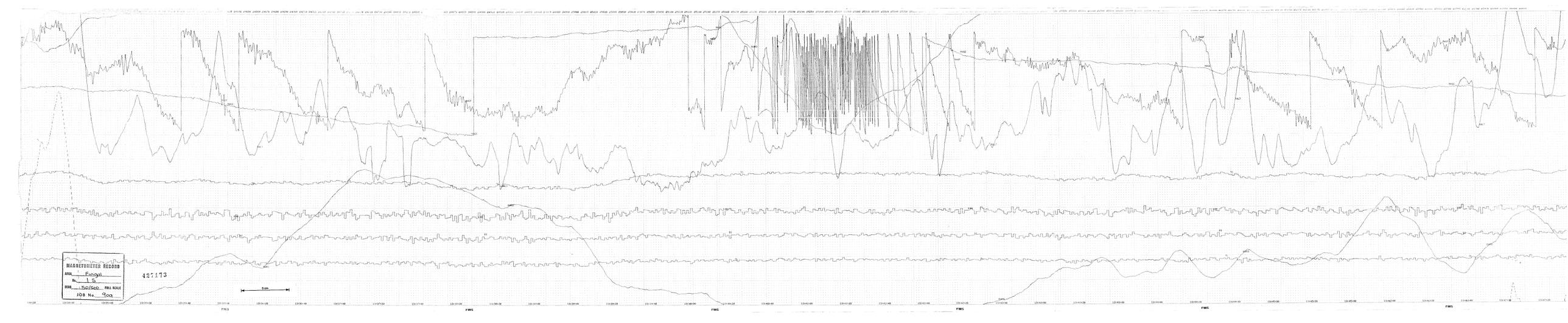
K40

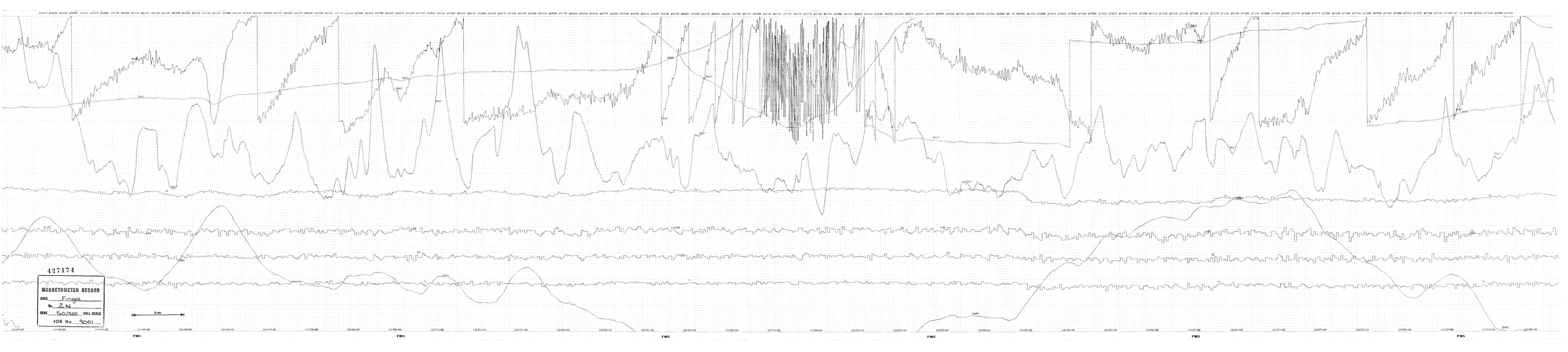
BI

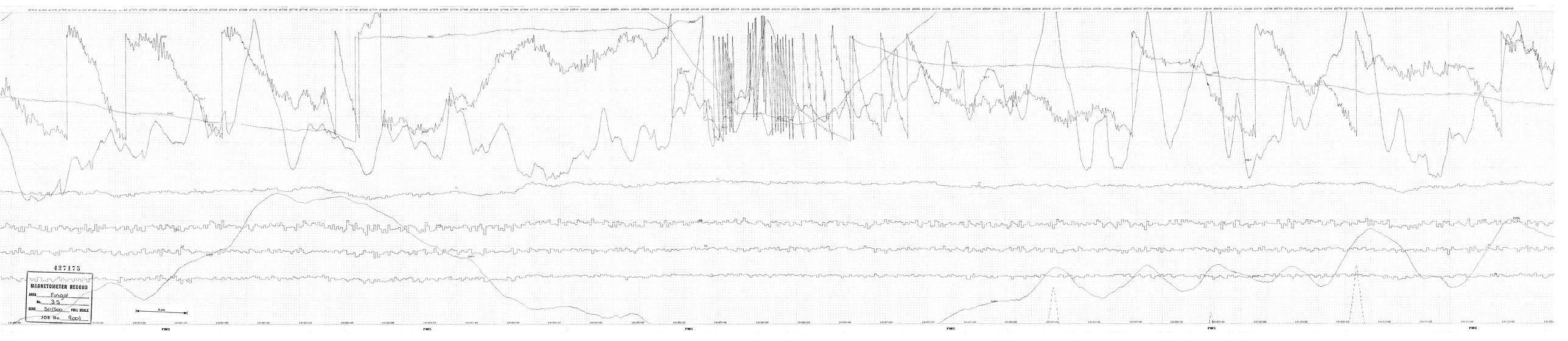
IV

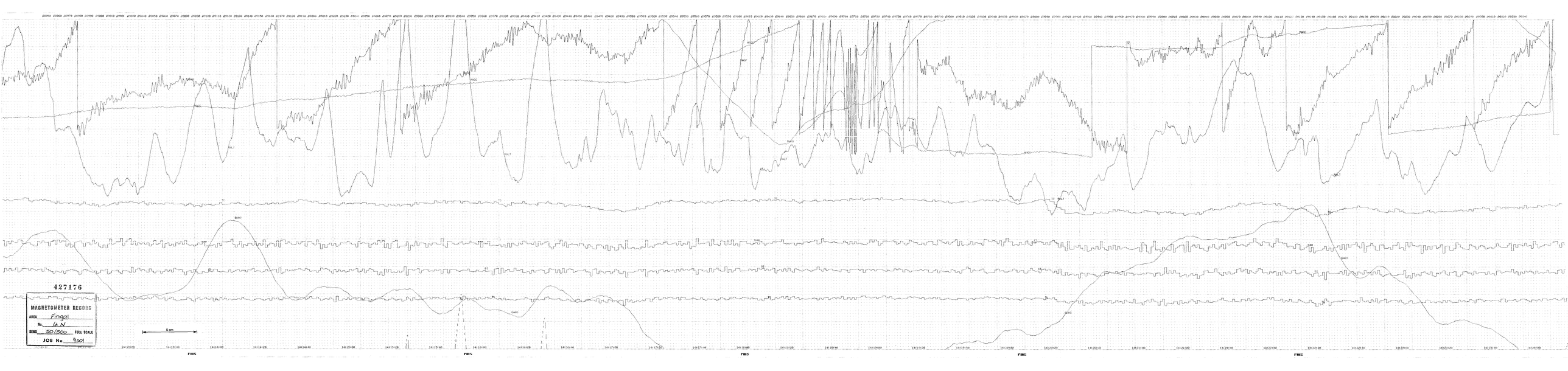
5 cm

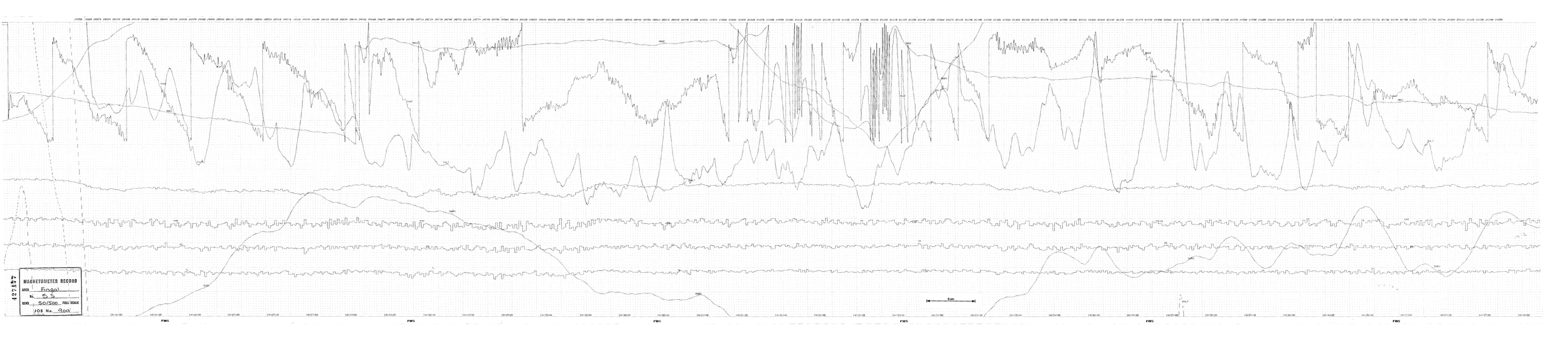
00:00 12:00:20 12:00:40 12:01:00 12:01:20 12:01:40 12:02:00 12:02:20 12:02:40 12:03:00 12:03:20 12:03:40 40

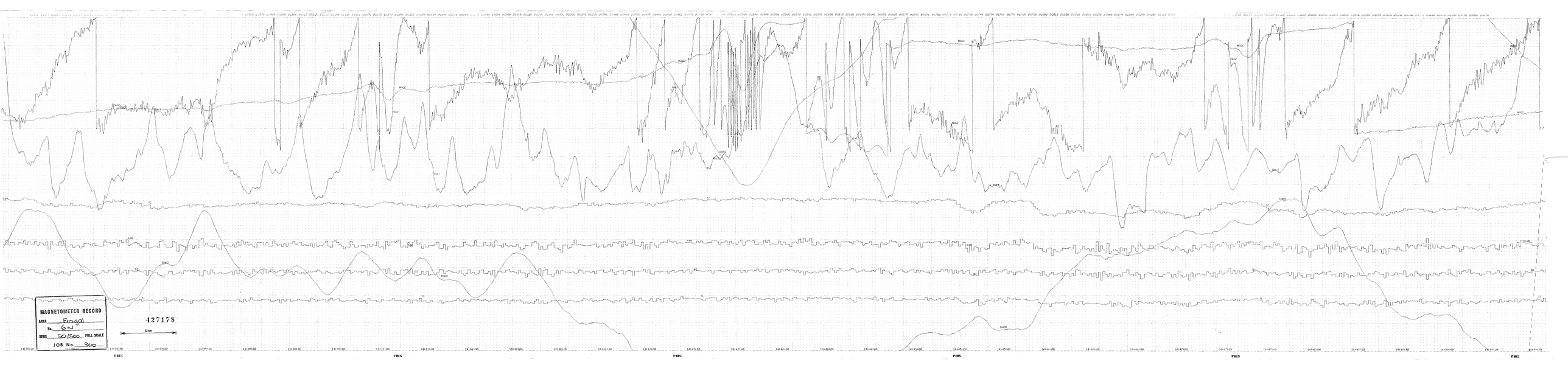

MAGNETOMETER RECORD
AREA Europa
No. 1 S
SCALE 150/500 FULL SCALE
JOB No. 90a
427173
5cm

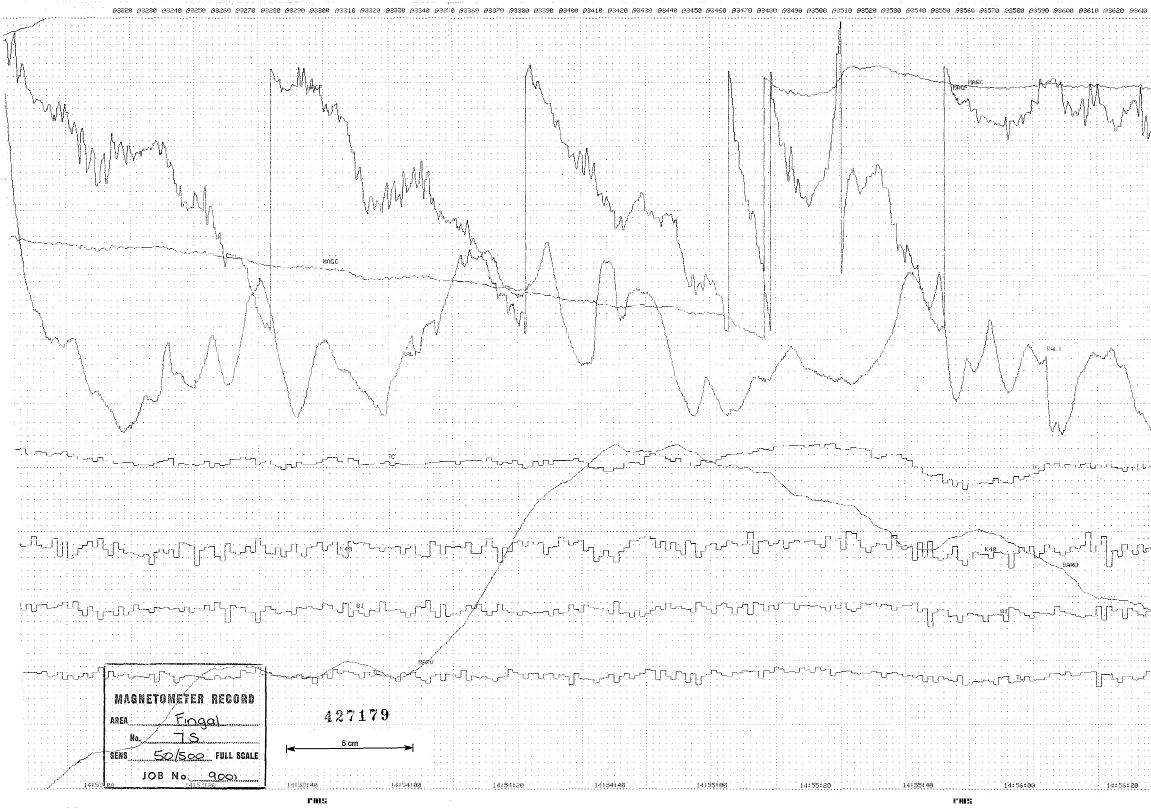

427174
MAGNETOMETER RECORD
AREA Firagi
No. 2 N
SENS 50/150 FULL SCALE
JOB No. 9001
6cm
FMS
FMS
FMS
FMS


427175
MAGNETOMETER RECORD
AREA Fingal
Rx. 3S
SENS 50/500 FULL SCALE
JOB No. 9001
5 cm


427176
MAGNETOMETER RECORD
AREA Fingal
Bk. 4N
SENS 50/500 FULL SCALE
JOB No. 9001
5 cm
FMS
FMS
FMS
FMS


427197
MAGNETOMETER RECORD
AREA Fingal
SENS 50/500 FULL SCALE
JOB No. 90a
8cm
FMS


MAGNETOMETER RECORD
AREA Fingal
No. 6N
SENS 50/500 FULL SCALE
JOB No. 900
427178
5 cm
FMS
FMS
FMS
FMS
FMS



MAGNETOMETER RECORD

AREA Fingal

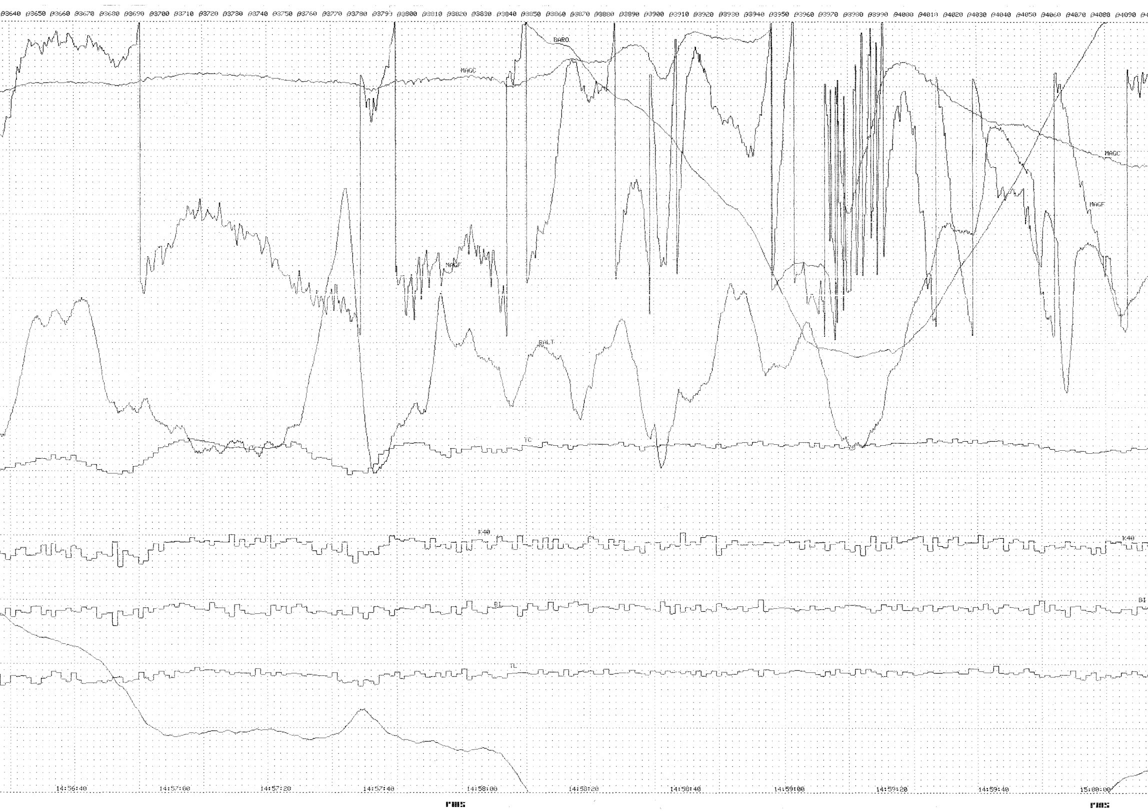
No. 7S

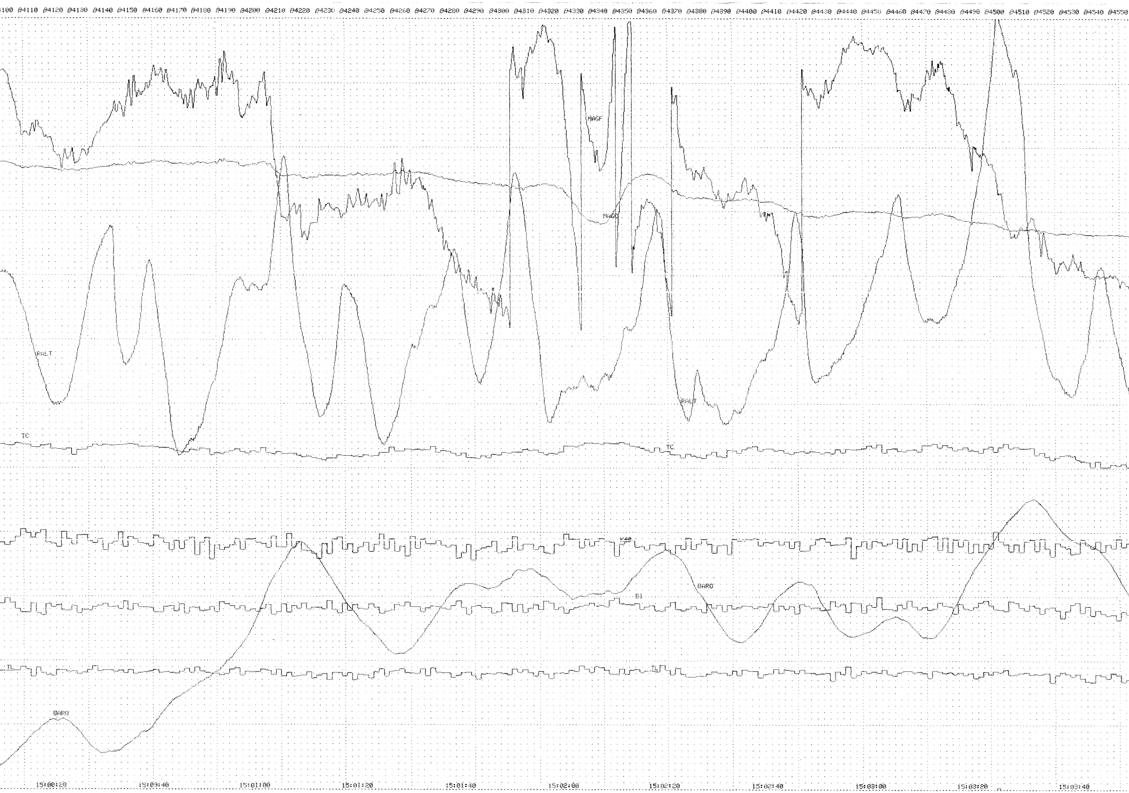
SENS 50/500 FULL SCALE

JOB No. 9001

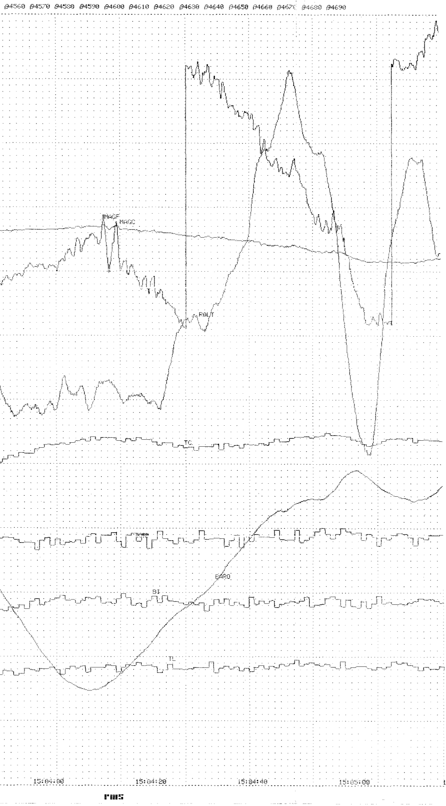
427179

5 cm

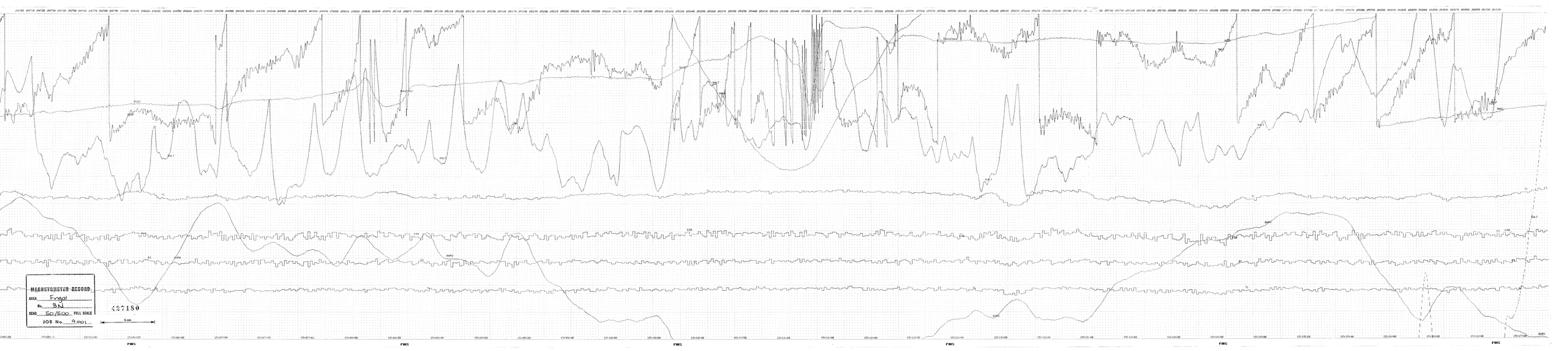


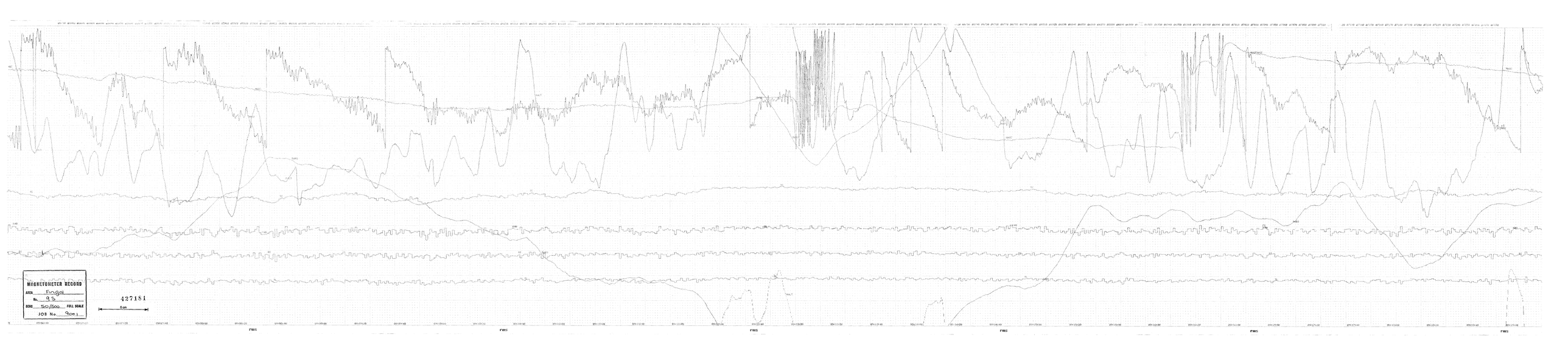


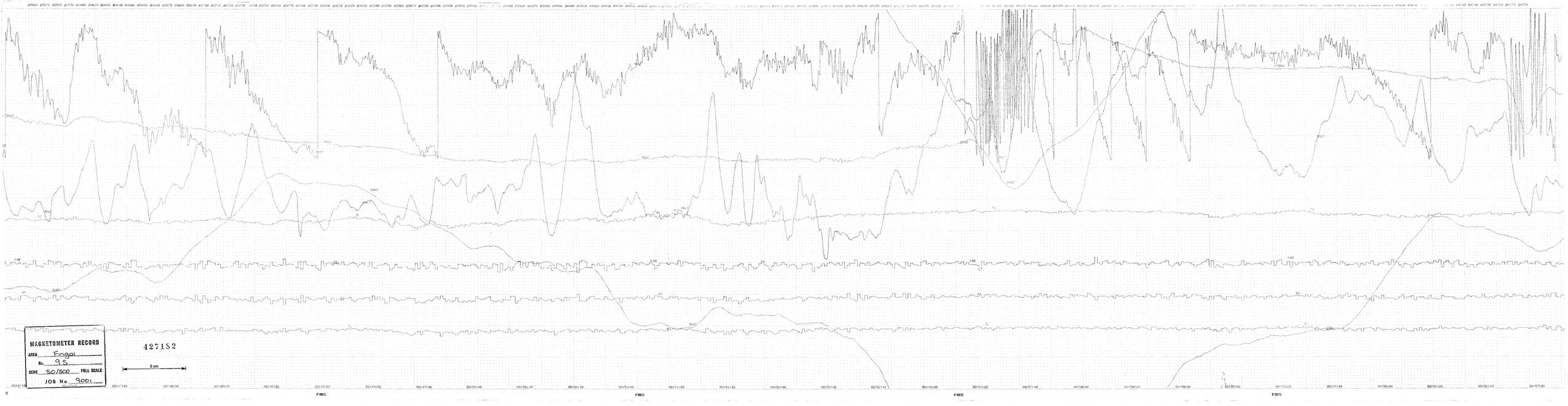
FMS



rms


MAGNETOMETER RECORD
AREA Frogal
No. SN
SENS 50/500 FULL SCALE
JOB No. 9001
427180
5 cm
FMS


MAGNETOMETER RECORD
AREA Fingal
No. 93
SCALE 50/1500 FULL SCALE
108 No. 900
427181
0 cm
FMS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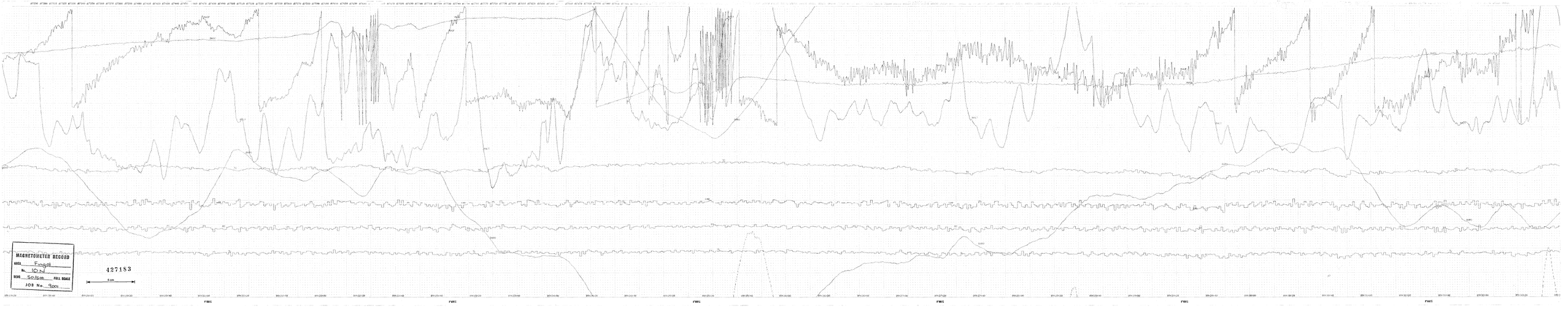
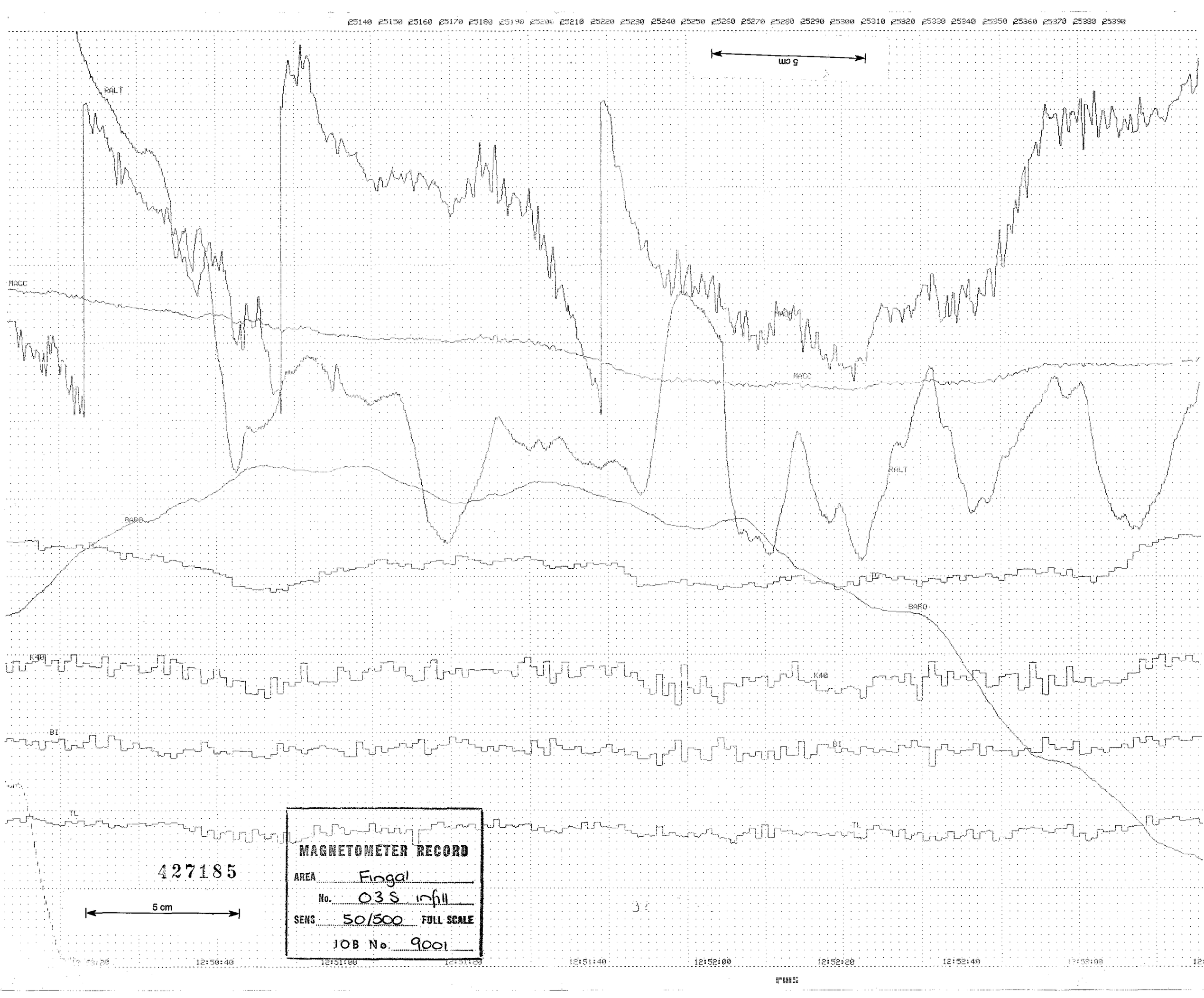
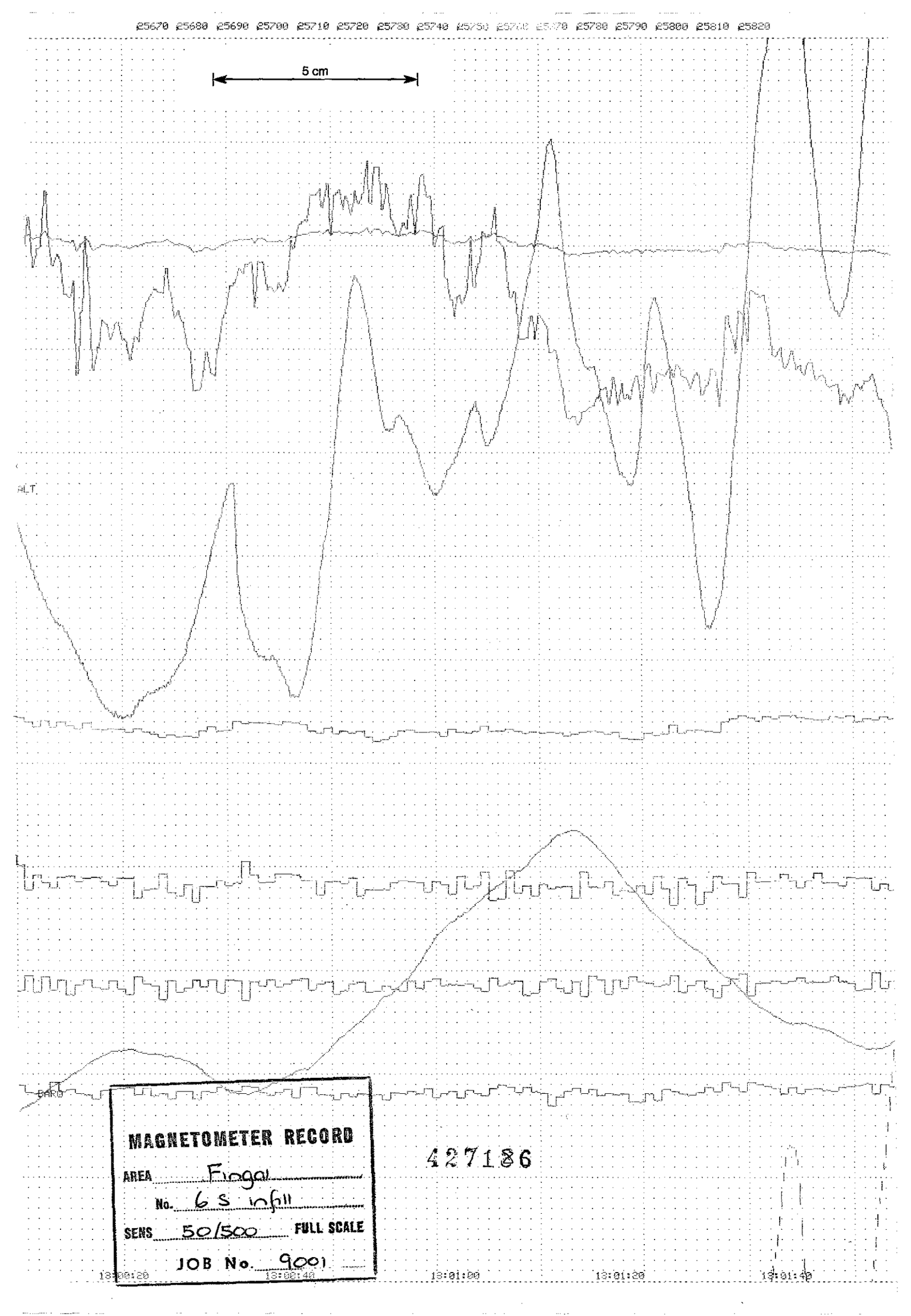
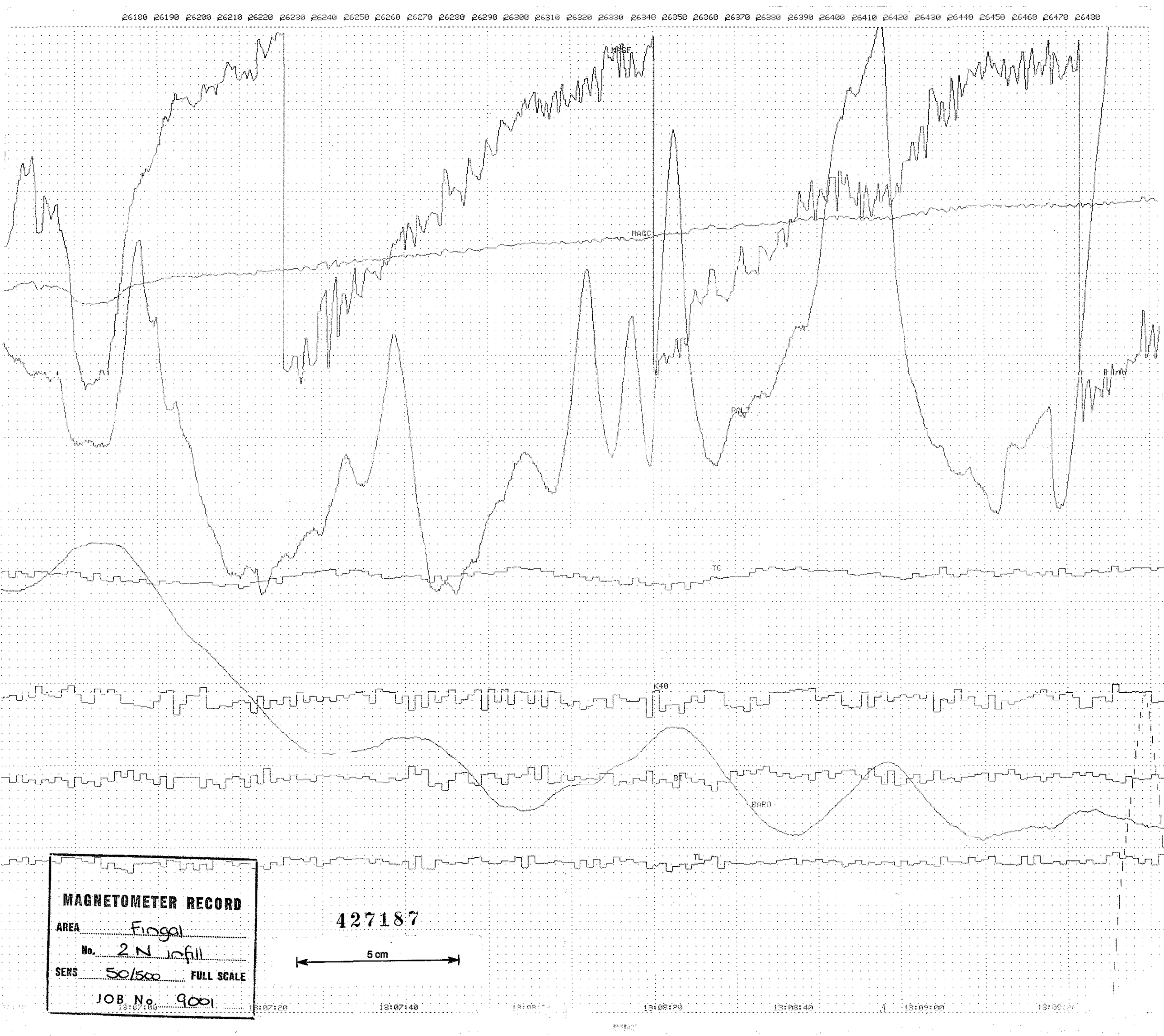
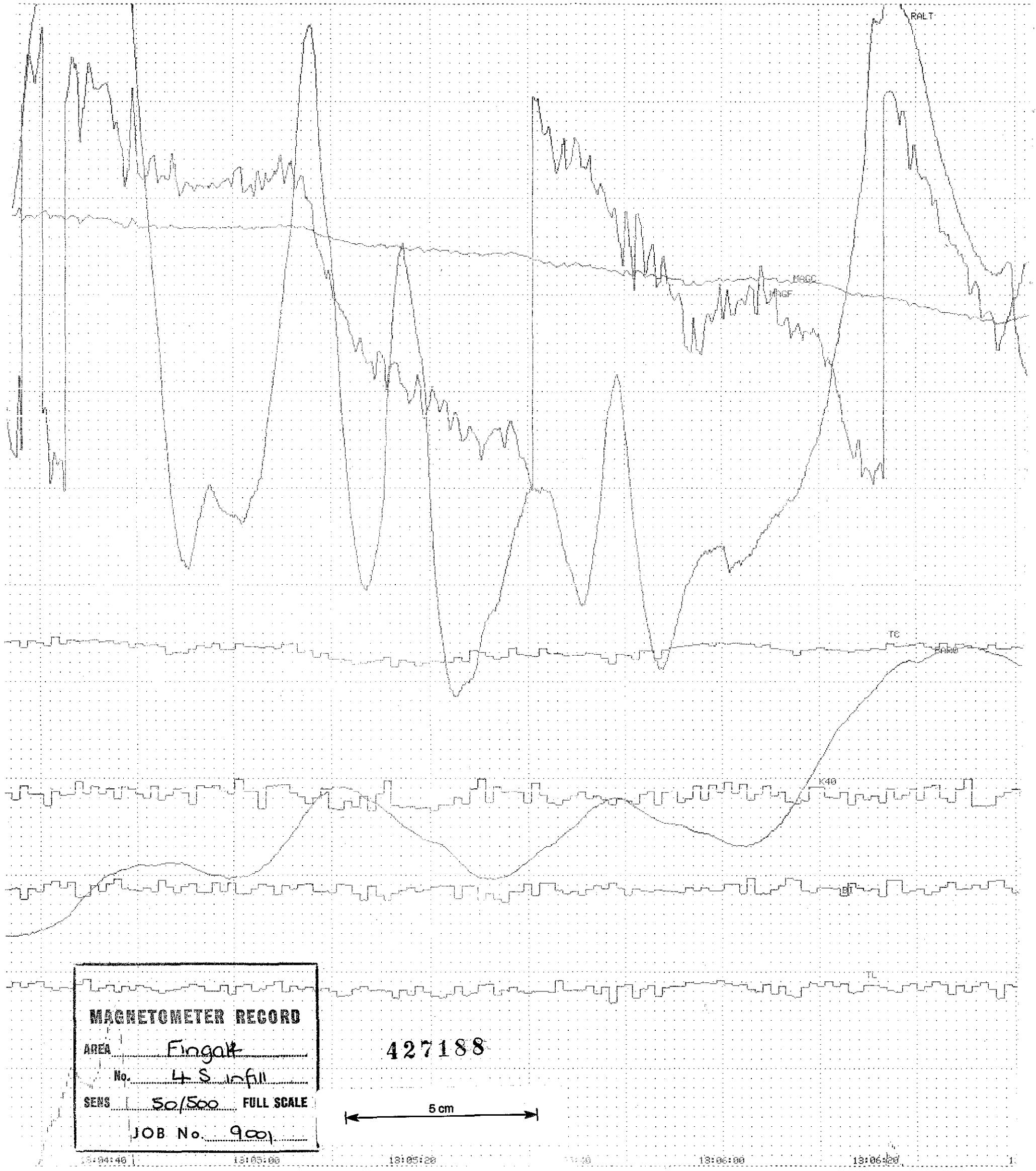
AREA Fingal
No. 95
SENS 50/500 FULL SCALE
JOB No. 9001
427182
6cm


MAGNETOMETER RECORD
AREA Fingal
No. 104
SENS 50/500 FULL SCALE
JOB No. 900
427183
5 cm


5 cm
RALT
MAGC
BARO
K40
BI
TL
427185
5 cm
MAGNETOMETER RECORD
AREA Fingal
No. 03S infill
SENS 50/500 FULL SCALE
JOB No. 9001


5 cm
MAGNETOMETER RECORD
AREA Fingal
No. 6 S infill
SENS 50/500 FULL SCALE
JOB No. 9001
427186


26180 26190 26200 26210 26220 26230 26240 26250 26260 26270 26280 26290 26300 26310 26320 26330 26340 26350 26360 26370 26380 26390 26400 26410 26420 26430 26440 26450 26460 26470 26480
MAGE
MAGC
PALT
TC
K40
BT
BARO
TL
MAGNETOMETER RECORD
AREA Fingal
No. 2N infill
SENS 50/500 FULL SCALE
JOB No. 9001
427187
5 cm
13:07:00
13:07:20
13:07:40
13:08:20
13:08:40
13:09:00


25970 25980 25990 26000 26010 26020 26030 26040 26050 26060 26070 26080 26090 26100 26110 26120 26130 26140 26150 26160 26170
RALT
MAGC
MAGF
TC
K40
TL
MAGNETOMETER RECORD
AREA Fingalk
No. 4 S infill
SENS 50/500 FULL SCALE
JOB No. 9001
427188
5 cm
13:04:40
13:05:00
13:05:20
13:06:00
13:06:20

25410 25420 25430 25440 25450 25460 25470 25480

GF

MAGC

RALT

TC

BARO

VS

BI

TI

MAGNETOMETER RECORD

AREA Fingal

No. 5S 1961

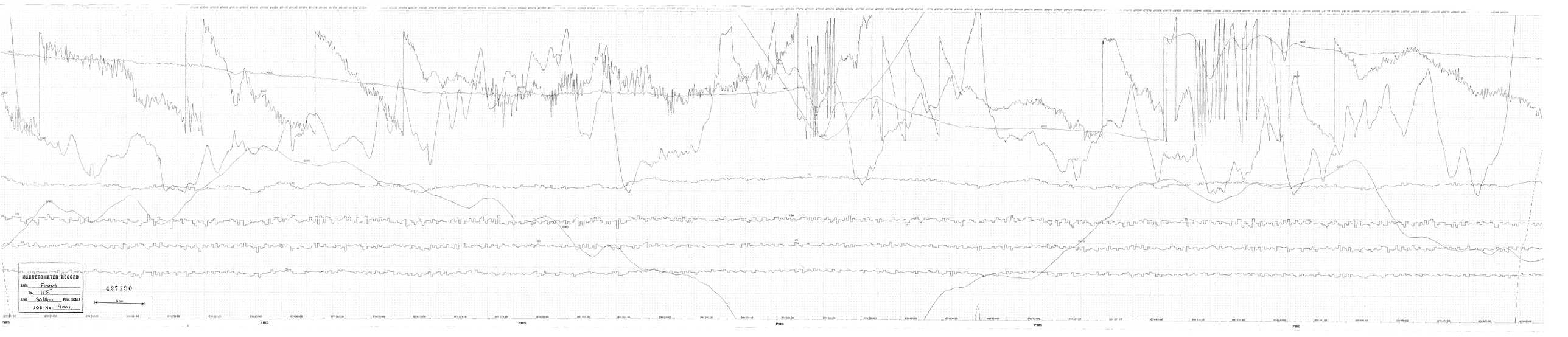
SENS 50/500 FULL SCALE

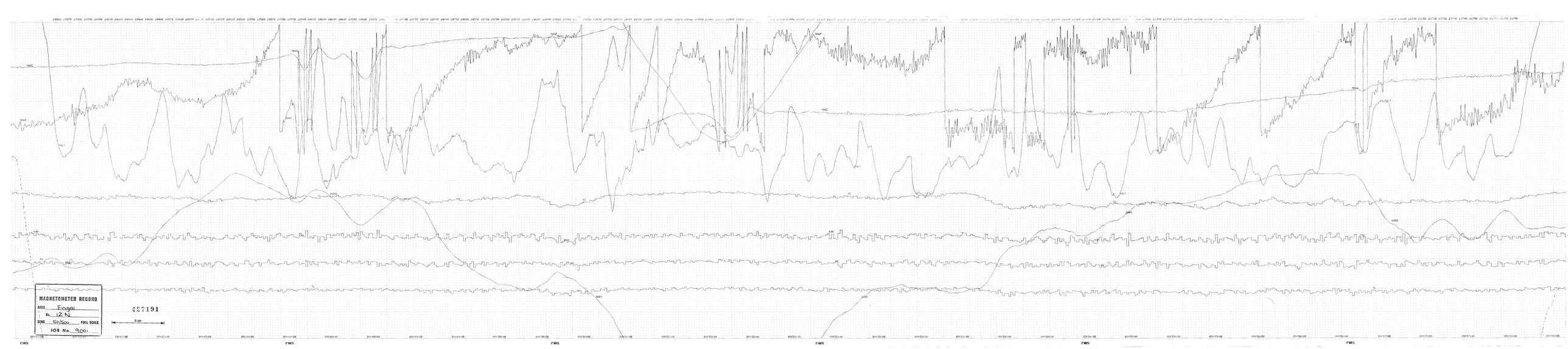
JOB No. 9001

427189

5 cm

12:54:20 12:55:00 12:55:20 12:55:40 12:56:00 12:56:20


MAGNETOMETER RECORD
AREA Finoa
No. 11 S
SENS 50/500 FULL SCALE
JOB No. 9001
427120
5 cm
FMS
FMS
FMS
FMS
FMS


MAGNETOMETER RECORD
AREA Fingal
No. 12 N
SCALE 500gn FULL SCALE
JOB No. 900
427191
5 cm
HVC
VVC
HVF
VVF
HVC
VVC
HVF
VVF
HVC
VVC
HVF
VVF
HVC
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HVF
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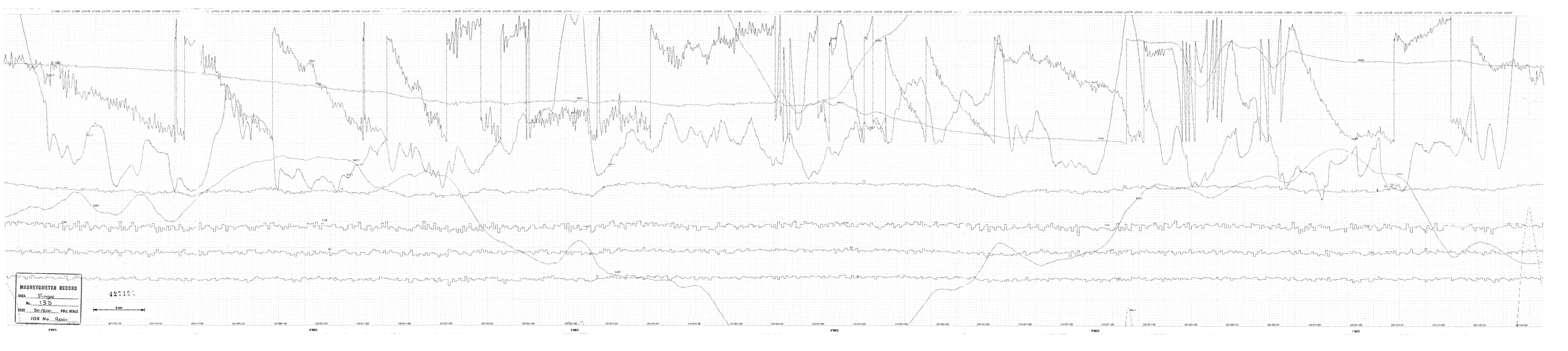
FMS
FMS
FMS
FMS


MAGNETOMETER RECORD
AREA Fogal
No. 135
SCALE 50/500 FULL SCALE
JOB No. 900
42710
5cm
FMS

MAGF

MAGC

BALT

BARO

TC

TC

40

BI

BI

TL

TL

MAGNETOMETER RECORD

AREA Fingal

No. 14N

SENS 50/500 FULL SCALE

JOB No. 9001

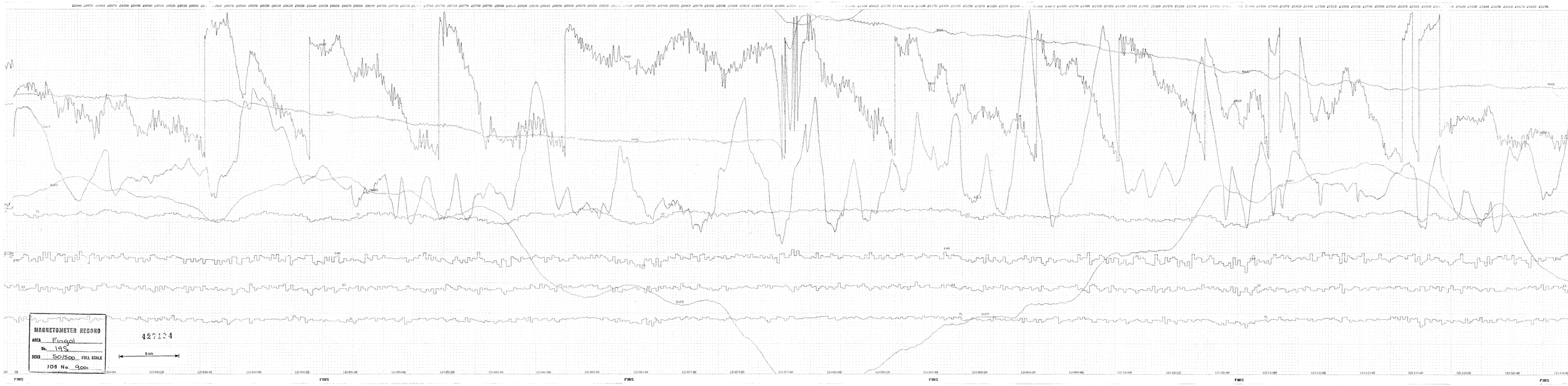
427133

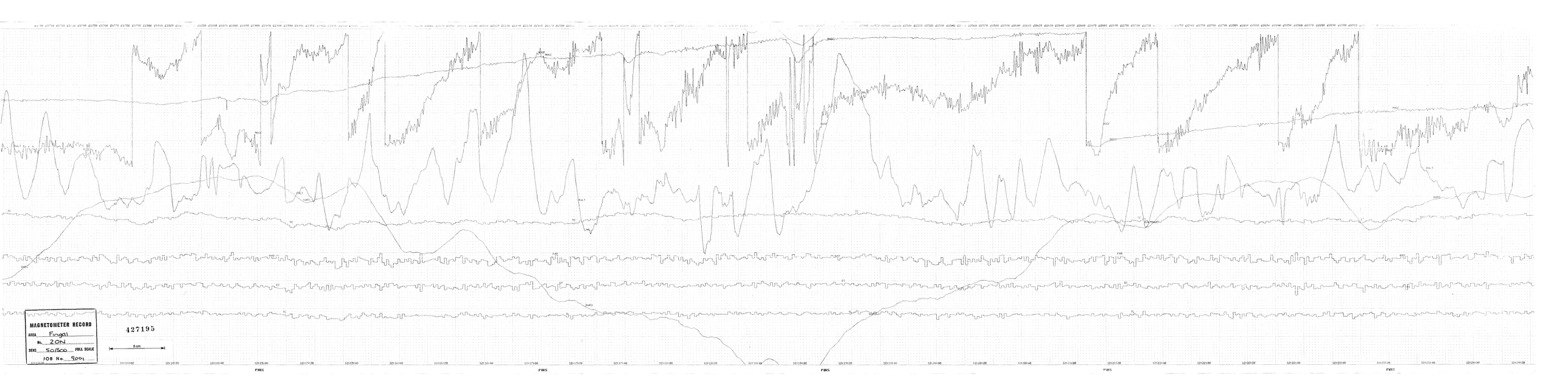
5 cm

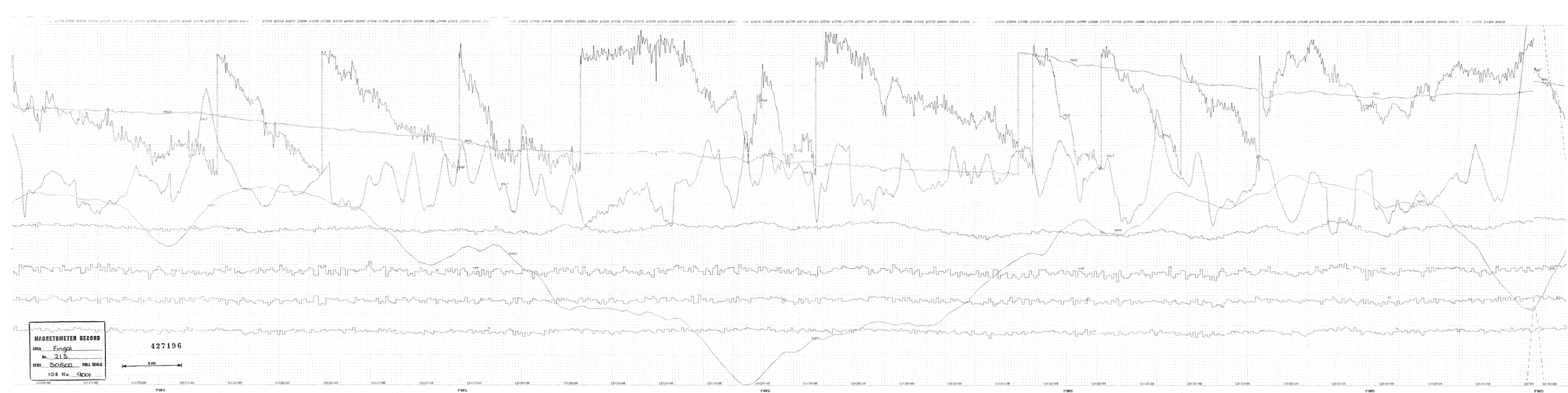
10:11:00 10:11:20 10:11:40 10:12:00 10:12:20 10:12:40 10:13:00 10:13:40

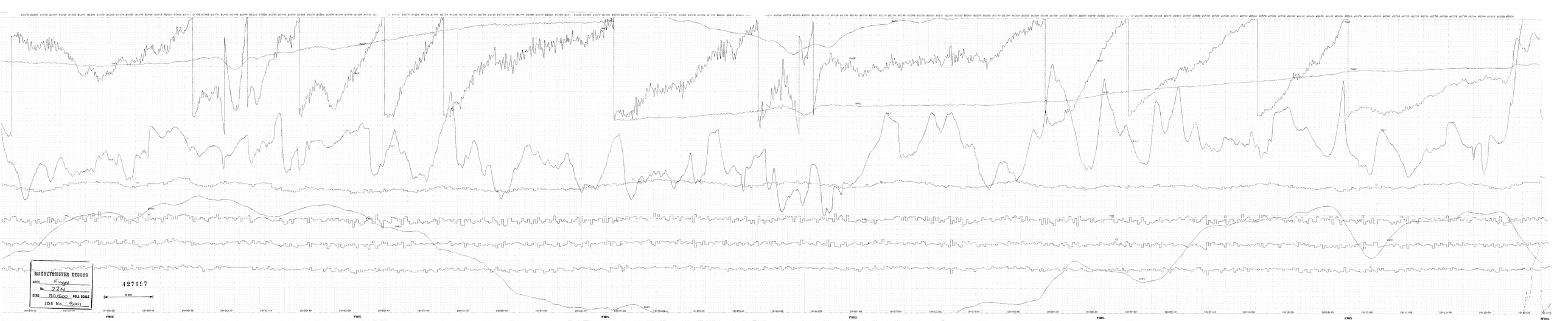
mins

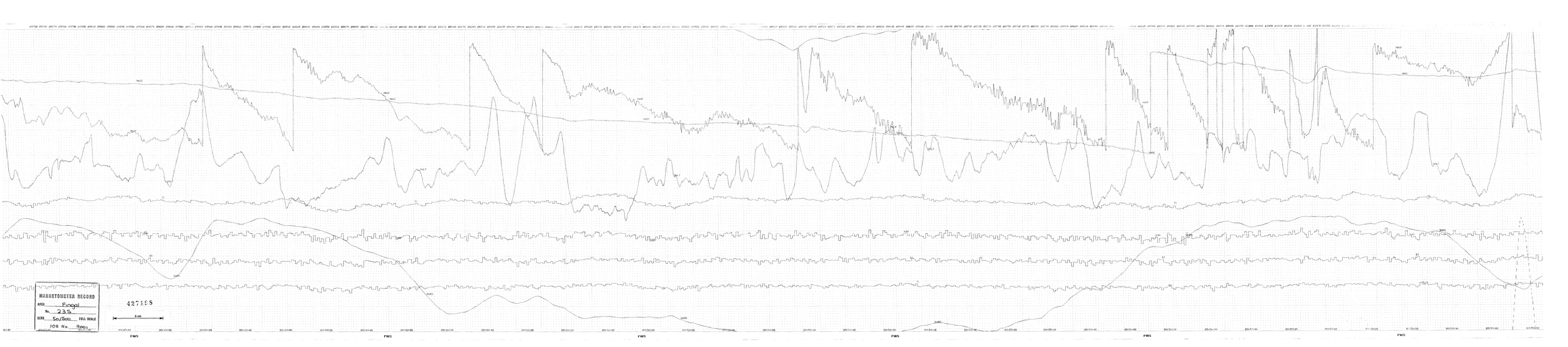
mins


MAGNETOMETER RECORD
AREA Finggal
No. 193
SENS 50/500 FULL SCALE
108 No. 900
427134
5 cm


MAGNETOMETER RECORD
AREA Fingal
No. 20N
SENS 50/500 FULL SCALE
JOB No. 9001
427195
5 cm
FMS
FMS
FMS
FMS
FMS


MAGNETOMETER RECORD
AREA Fingal
No. 215
SENS 50/150 FULL SCALE
IOS No. 9001
427196
5cm
TIME


MAGNETOMETER RECORD
AREA Fingal
No. 2225
SENS SCI500 FULL SCALE
JOB No. 9001
427197
5 cm


MAGNETOMETER RECORD
AREA Enugu
No. 235
SCRS 50/500 FULL SCALE
JOB No. 9001
42715S
5 cms
HAGC
VC
AC
HAD
VAD
ZAD
HAD
VAD
ZAD
HAD
VAD
ZAD
HAD
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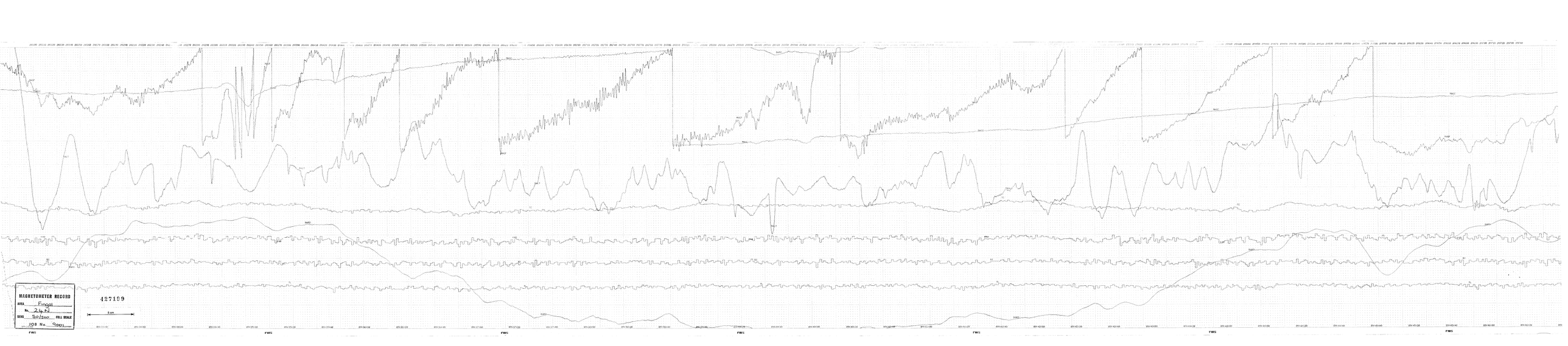
ZAD
FMS
FMS
FMS
FMS
FMS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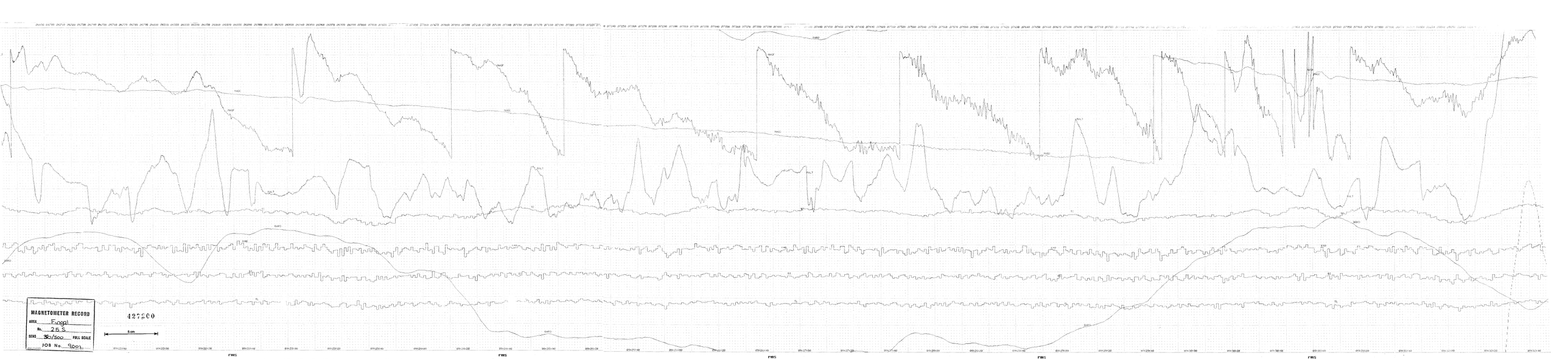
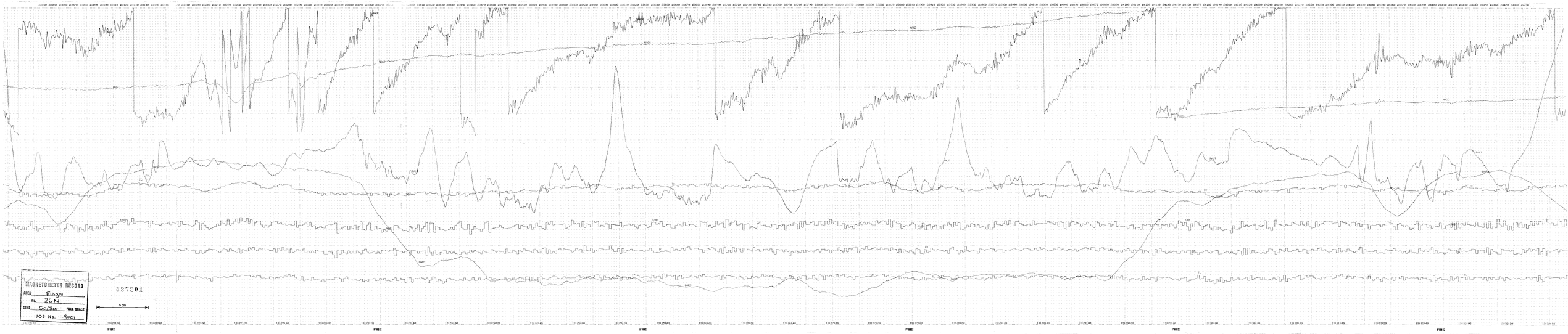
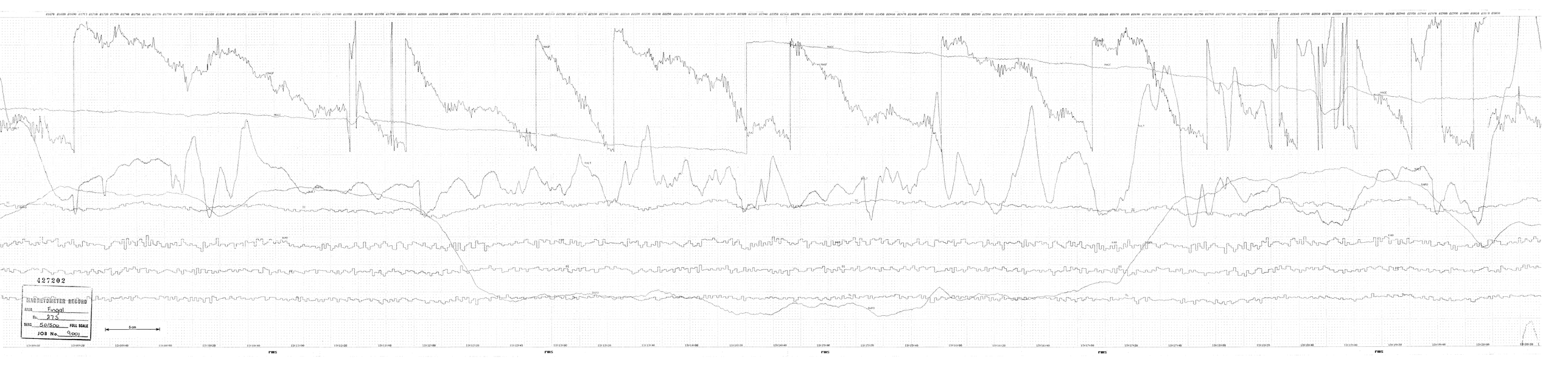
AREA Fingal
No. 24 N
SENS 50/500 FULL SCALE
108 No. 901
427159
5 cm
FMS


MAGNETOMETER RECORD
AREA Fiogal
No. 25 S
SENS 50/500 FULL SCALE
JOB No. 9091
427200
5cm
FWS
FWS
FWS
FWS


MAGNETOMETER RECORD
AREA Fuego
Ex. 26N
SENS 50/500 FULL SCALE
JOB No. 8901
427201
5cm
FWS
FWS
FWS
FWS
FWS


427202
MAGNETOMETER RECORD
AREA Fingal
No. 275
SENS 50/50 FULL SCALE
JOB No. 9001
5 cm
HHGF
HHGC
HHGT
HHGD
HHGS
HHGV
HHGH
HHGA
HHGB
HHGG
HHGE
HHGK
HHGL
HHGM
HHGN
HHGP
HHGQ
HHGR
HHGU
HHGW
HHGX
HHGY
HHGZ
HHG1
HHG2
HHG3
HHG4
HHG5
HHG6
HHG7
HHG8
HHG9
HHG0
HHGJ
HHGI
HHGO
TC
HHGF
HHGC
HHGT
HHGD
HHGS
HHGV
HHGH
HHGA
HHGB
HHGG
HHGE
HHGK
HHGL
HHGM
HHGN
HHGP
HHGQ
HHGR
HHGU
HHGW
HHGX
HHGY
HHGZ
HHG1
HHG2
HHG3
HHG4
HHG5
HHG6
HHG7
HHG8
HHG9
HHG0
HHGJ
HHGI
HHGO
TC
HHGF
HHGC
HHGT
HHGD
HHGS
HHGV
HHGH
HHGA
HHGB
HHGG
HHGE
HHGK
HHGL
HHGM
HHGN
HHGP
HHGQ
HHGR
HHGU
HHGW
HHGX
HHGY
HHGZ
HHG1
HHG2
HHG3
HHG4
HHG5
HHG6
HHG7
HHG8
HHG9
HHG0
HHGJ
HHGI
HHGO
TC
HHGF
HHGC
HHGT
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HHGS
HHGV
HHGH
HHGA
HHGB
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HHGE
HHGK
HHGL
HHGM
HHGN
HHGP
HHGQ
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HHGU
HHGW
HHGX
HHGY
HHGZ
HHG1
HHG2
HHG3
HHG4
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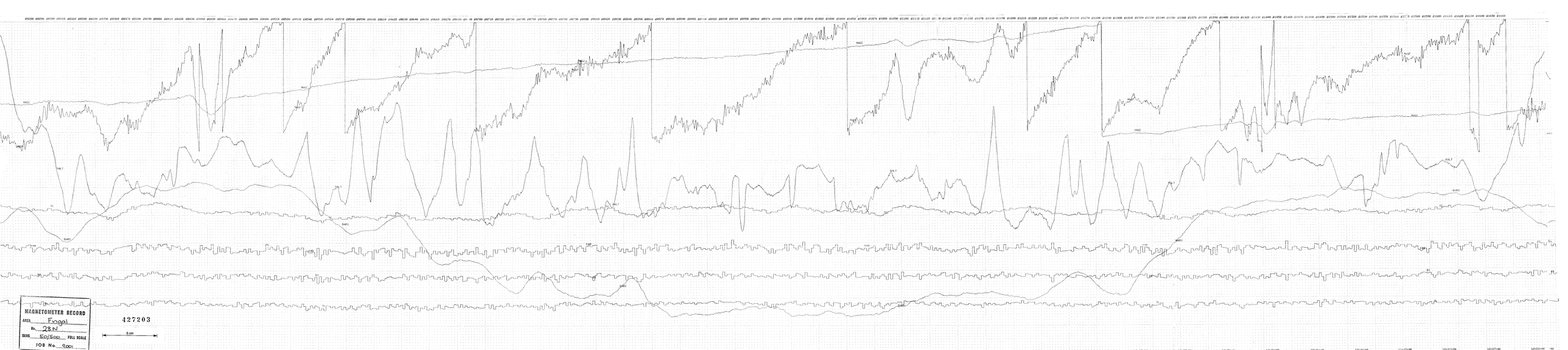
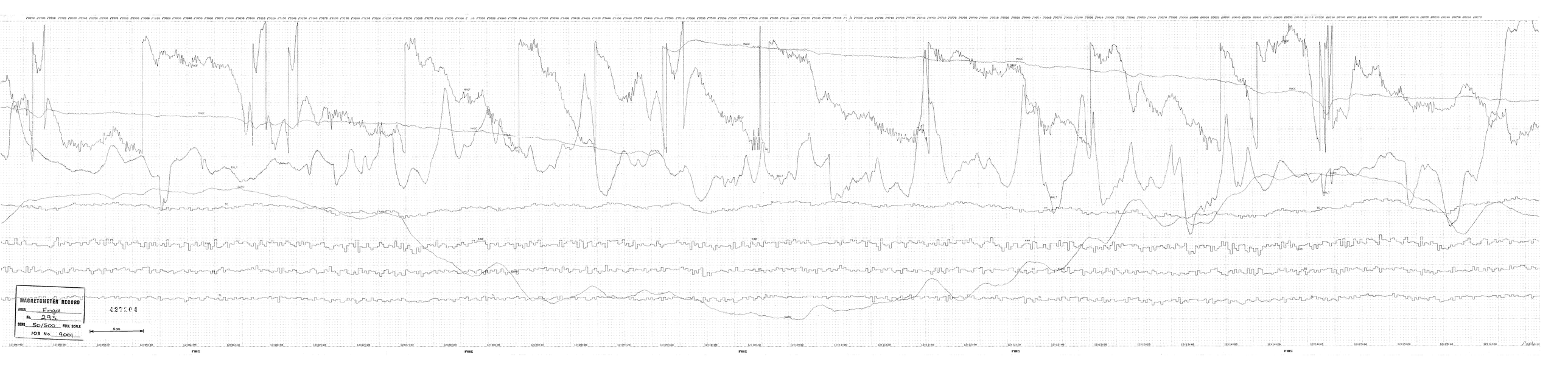
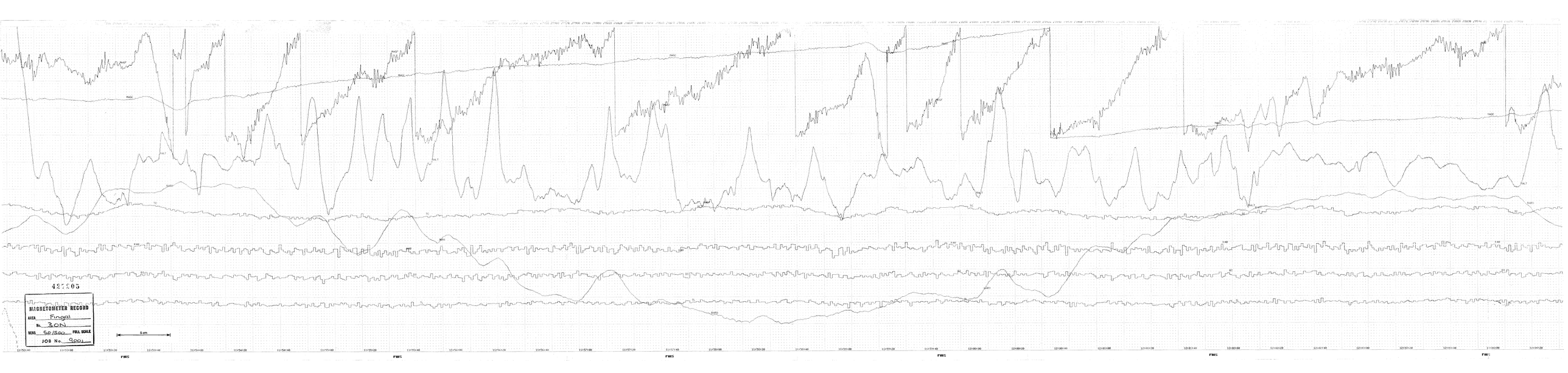
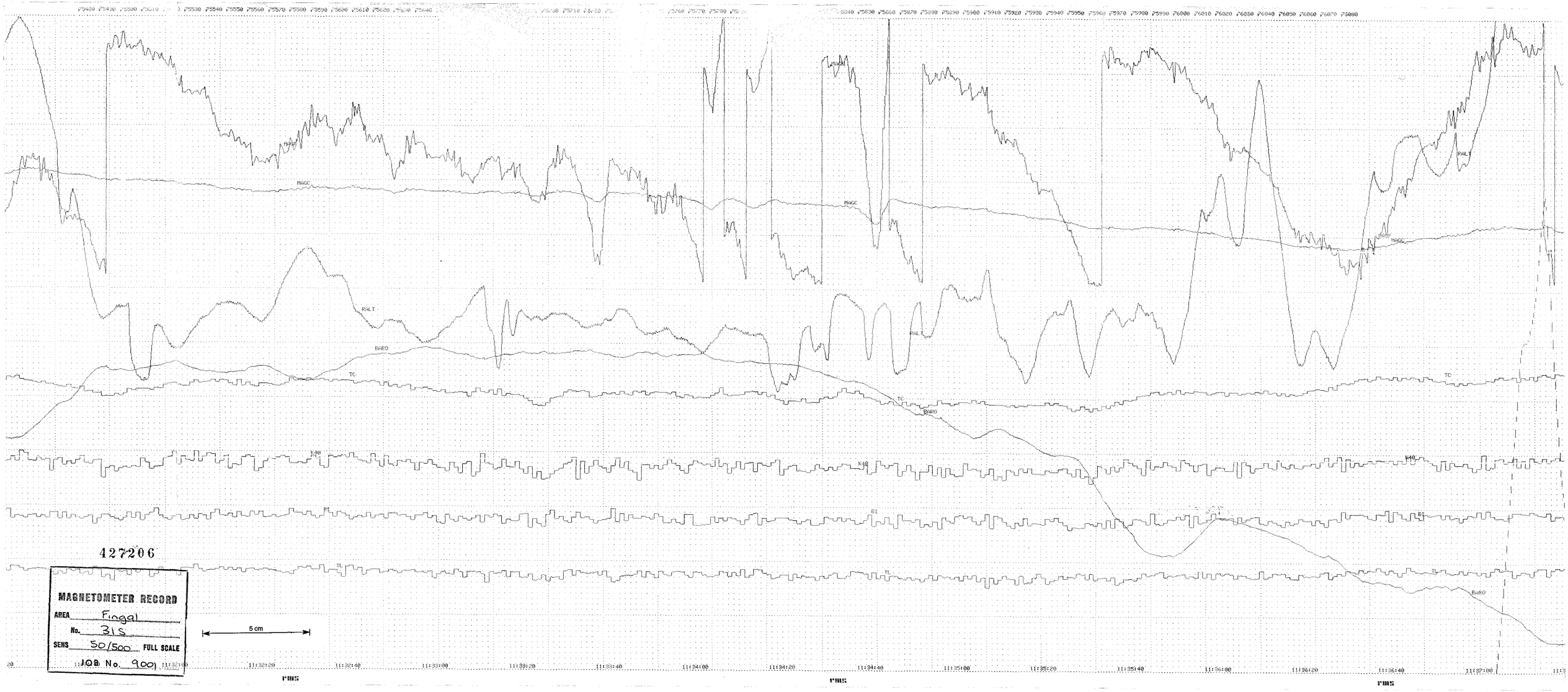
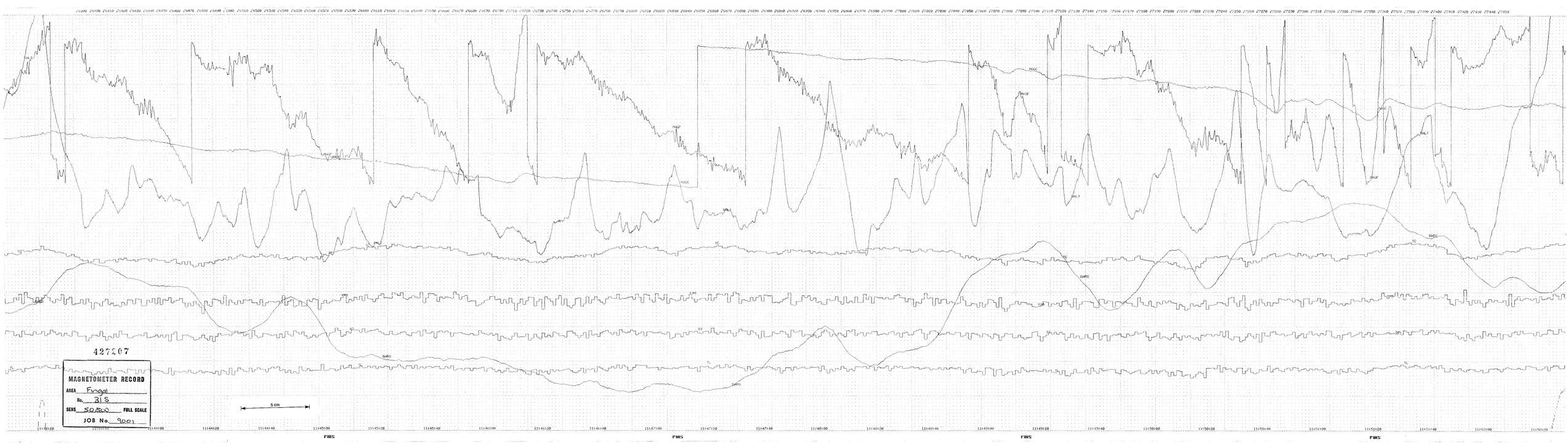
HHGJ
HHGI
HHGO
TC
FMS
FMS
FMS
FMS

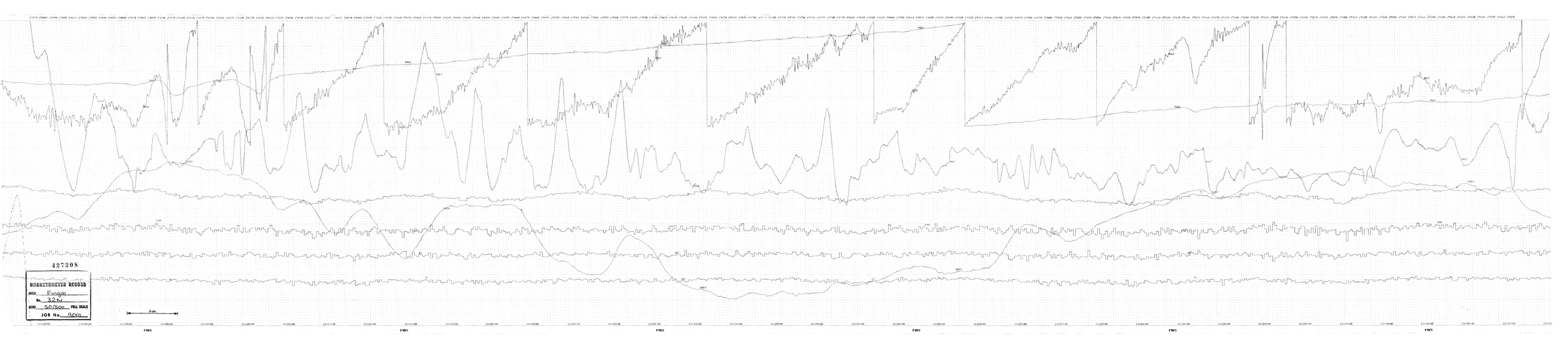

MAGNETOMETER RECORD
AREA Fingal
Rx. 28N
SENS 50/500 FULL SCALE
JOB No. 9001
427203
5 cm
FMS

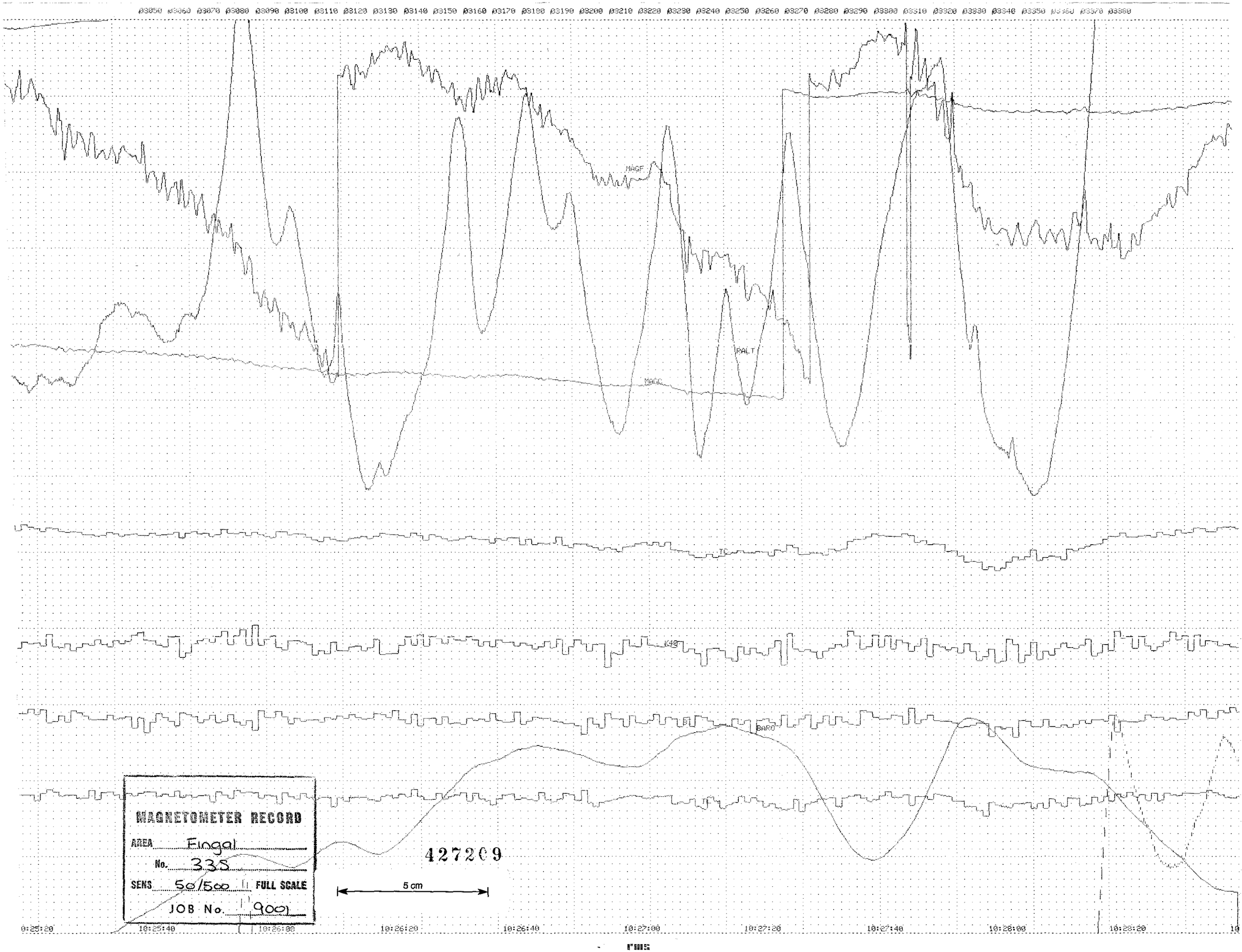

MAGNETOMETER RECORD
AREA Finger
No. 295
SENS. 50/500 FULL SCALE
JOB No. 9001
427804
5cm
PWC
TC
FWS

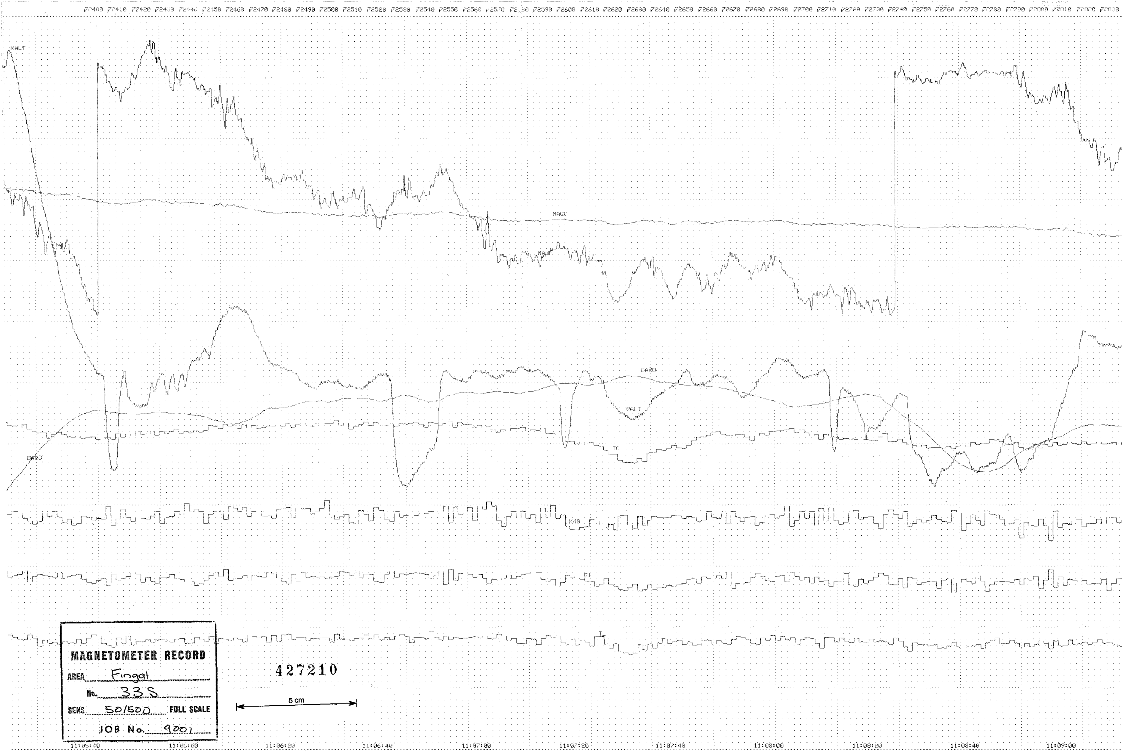

427505
MAGNETOMETER RECORD
AREA Fingal
No. 30N
DIRN SE/SW FULL SCALE
JOB No. 9001
5 cm
TMAG
TC
RMS


MAGC
RALT
BARO
TC
K40
U
TH
427206
MAGNETOMETER RECORD
AREA Fingal
No. 31S
SENS 50/500 FULL SCALE
JOB No. 900
5 cm
FMS


427207
MAGNETOMETER RECORD
AREA Fingal
No. 315
SENS 50/500 FULL SCALE
JOB No. 9021
5 cm
HMGF
VMLT
TC
BARO
TL


427208
MAGNETOMETER RECORD
DATE 5 Aug 91
Bz 32 nT
SENS 50/500 FULL SCALE
JOB No. 4041
5 cm
FMS
FMS
FMS
FMS
FMS


MAGF
RALT
MAGC
BARO
MAGNETOMETER RECORD
AREA Fingal
No. 335
SENS 50/500 FULL SCALE
JOB No. 9001
427209
5 cm
10:25:20
10:25:40
10:26:00
10:26:20
10:26:40
10:27:00
10:27:20
10:27:40
10:28:00
10:28:20



MAGNETOMETER RECORD

AREA Fingal

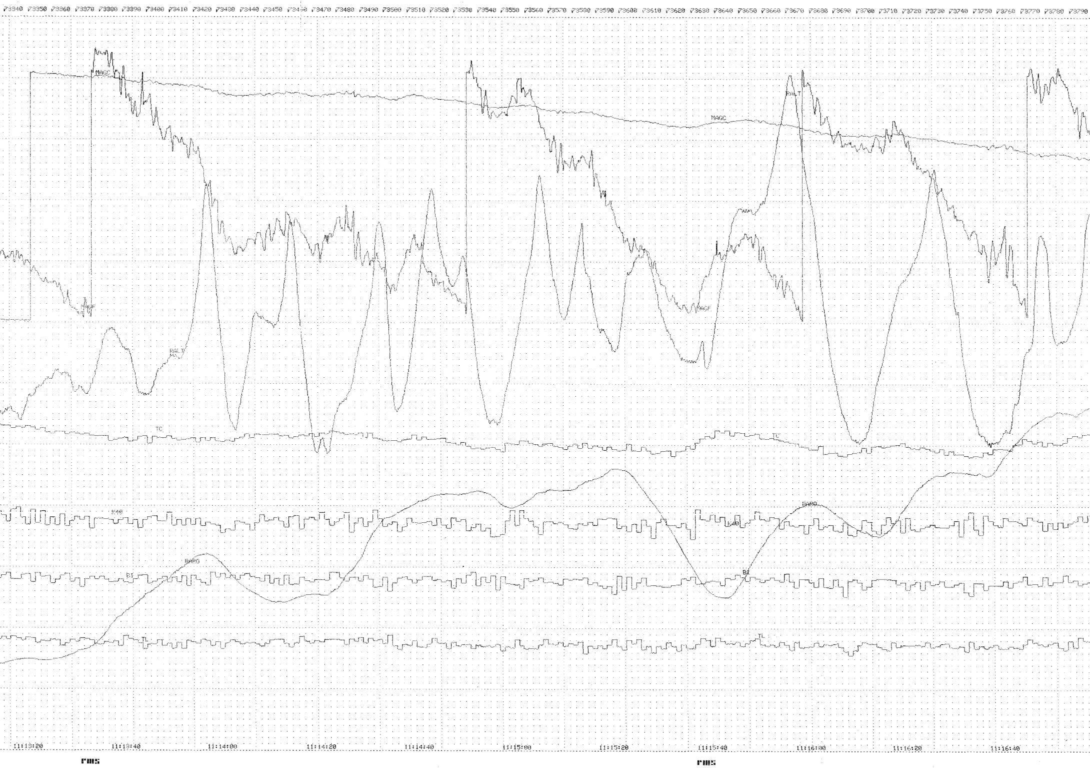
No. 33S

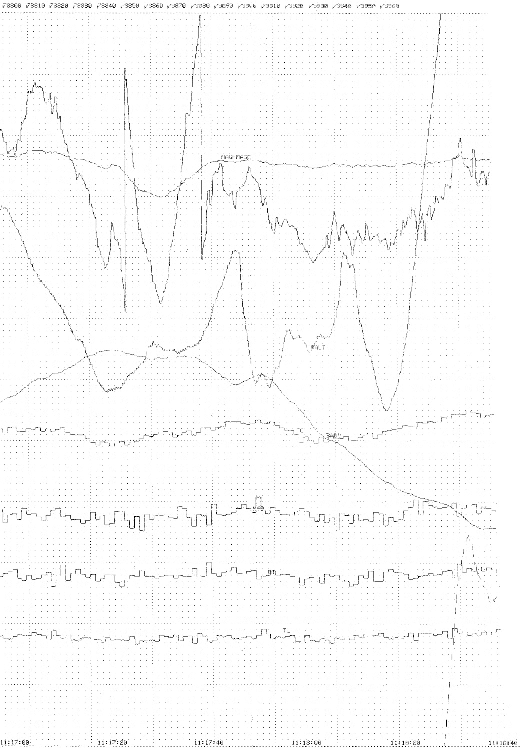
SENS 50/500 **FULL SCALE**

JOB No. 9001

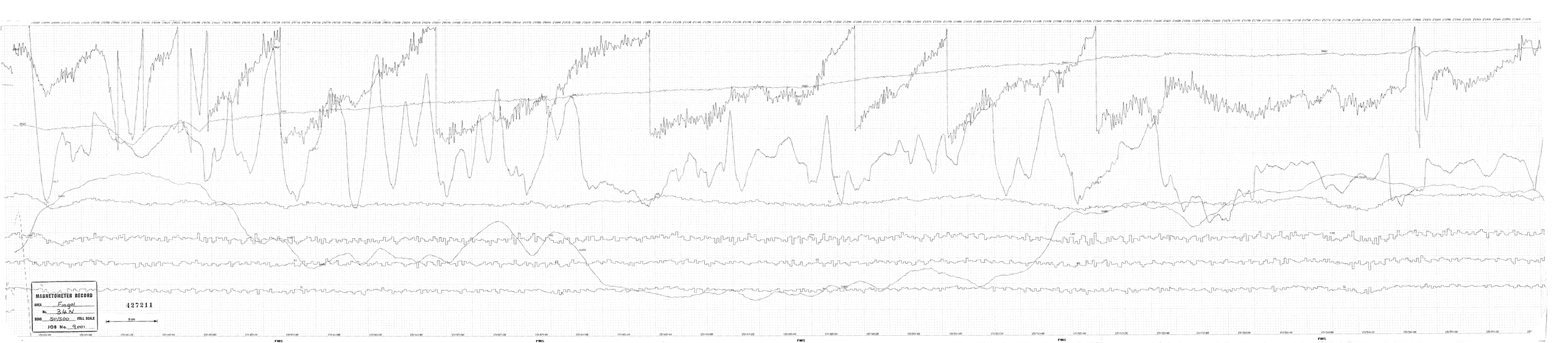
427210

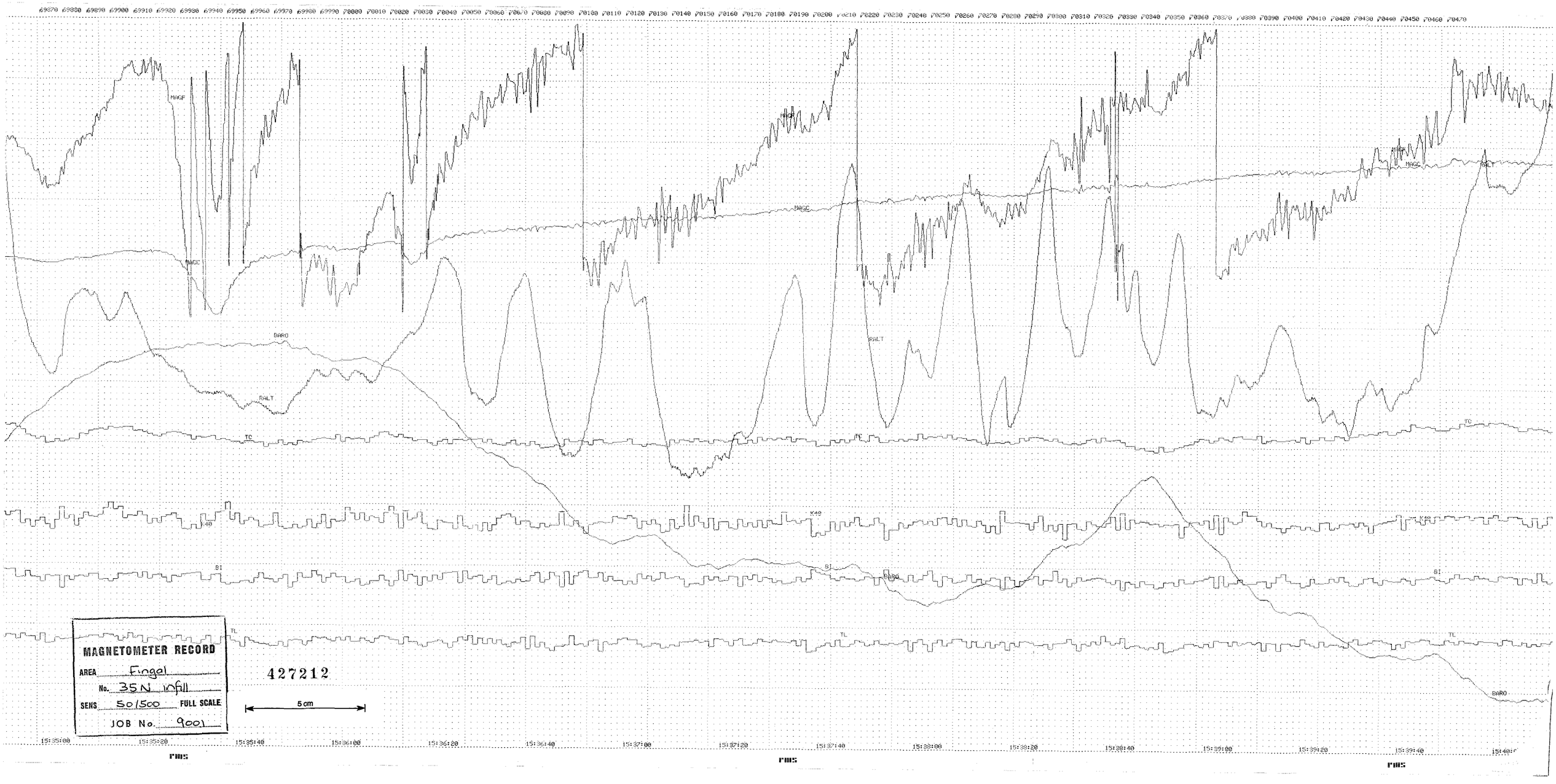
PMS PMS





FMS


MAGNETOMETER RECORD
AREA Fingal
No. 34N
SENS 50/500 FULL SCALE
JOB No. 9001
427211
5cm
FMS


MAGF
MAGC
BARO
RALT
TC
K40
BI
TL
MAGNETOMETER RECORD
AREA Fingal
No. 35N infill
SENS 50/500 FULL SCALE
JOB No. 9001
427212
5cm
15:35:00
15:35:20
15:35:40
15:36:00
15:36:20
15:36:40
15:37:00
15:37:20
15:37:40
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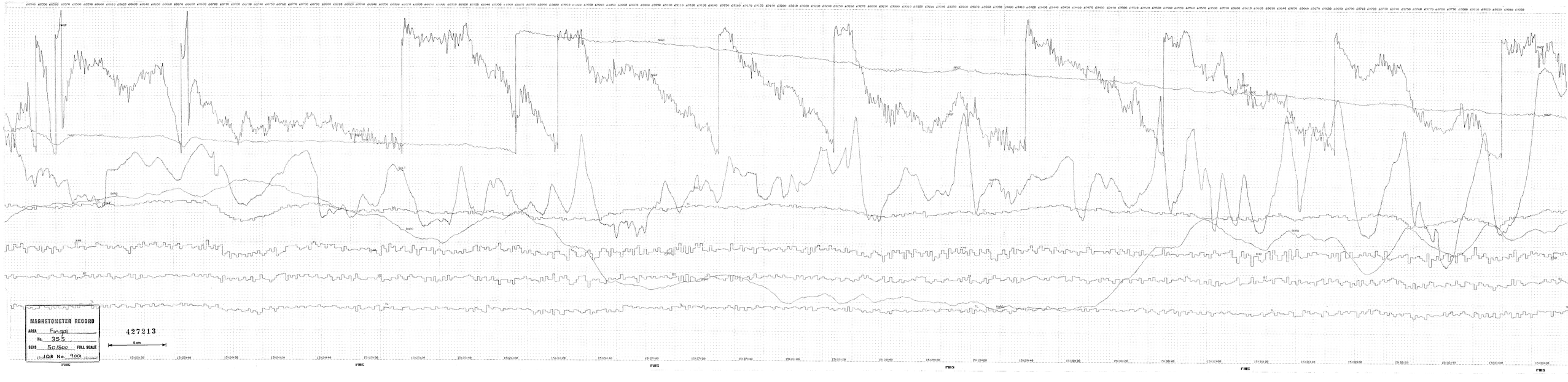
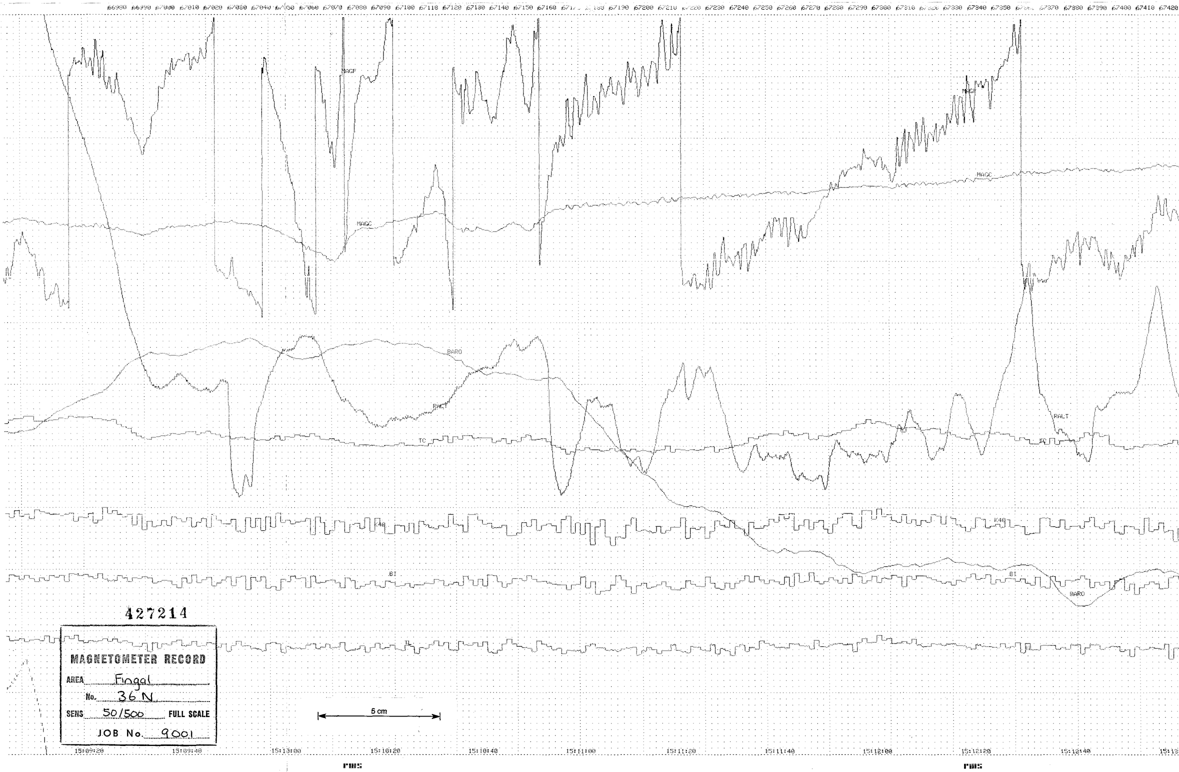
15:39:40
15:40:0
mins


MAGNETOMETER RECORD
AREA Fingal
No. 353
SENS 50/500 FULL SCALE
JOB No. 9001
427213
5 cm
FMS



427214

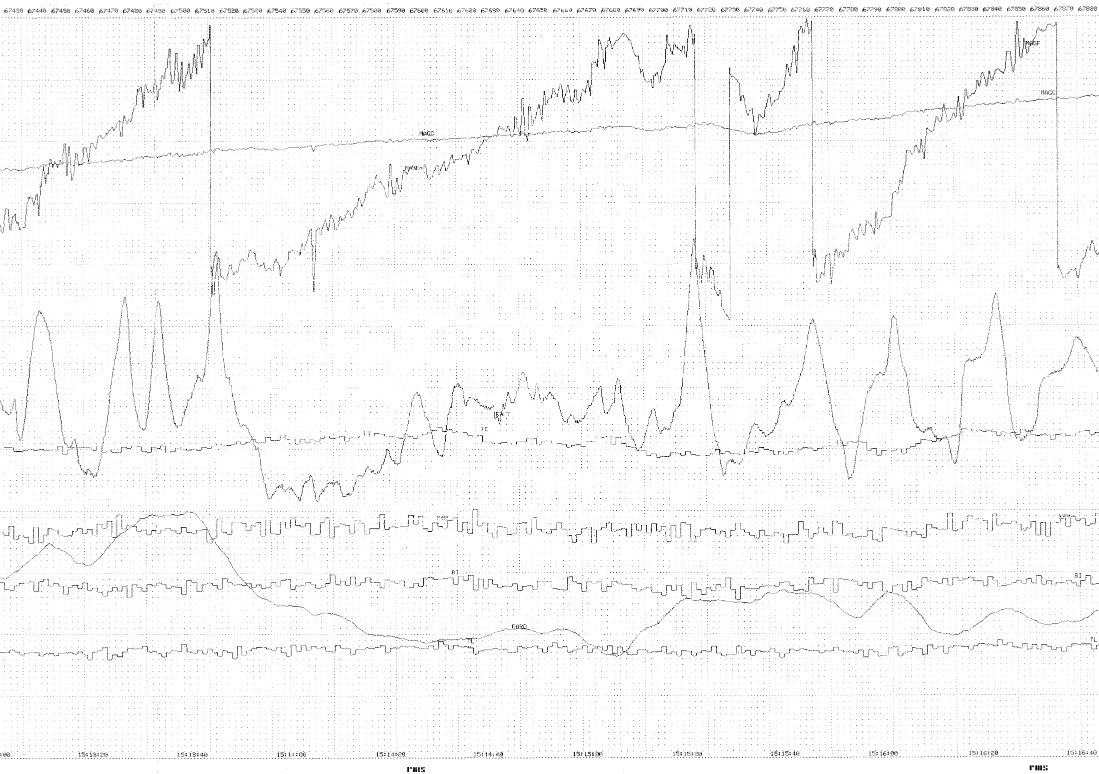
MAGNETOMETER RECORD

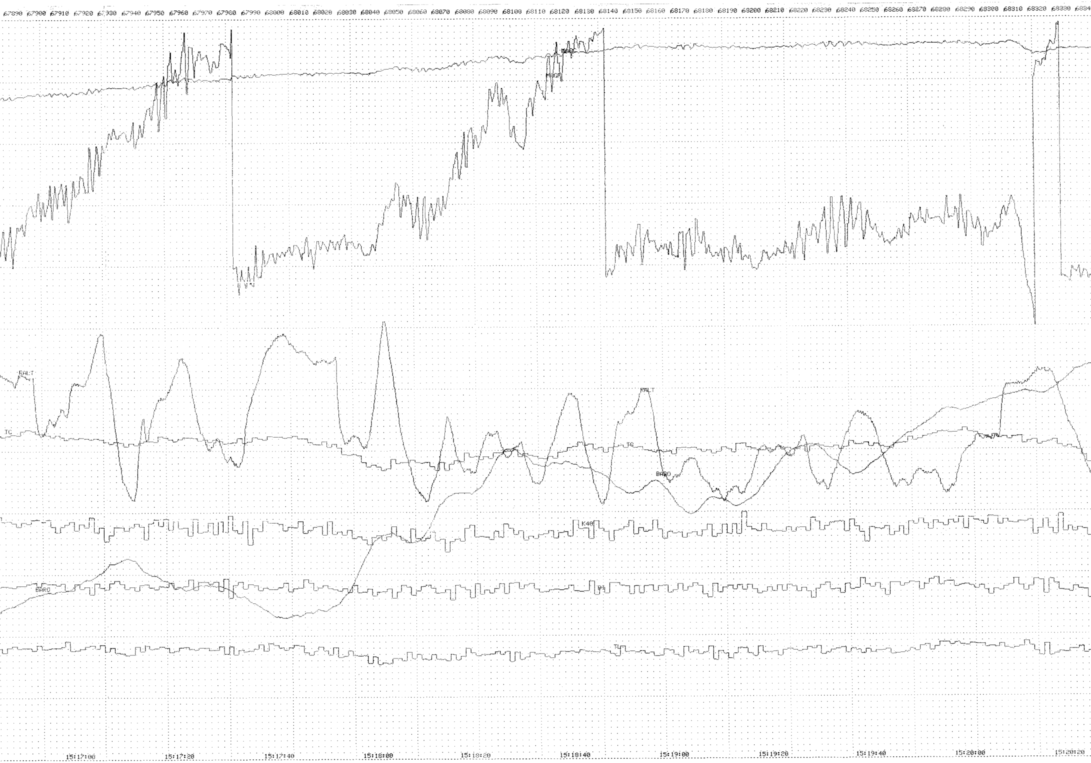
AREA Fingal

No. 36 N

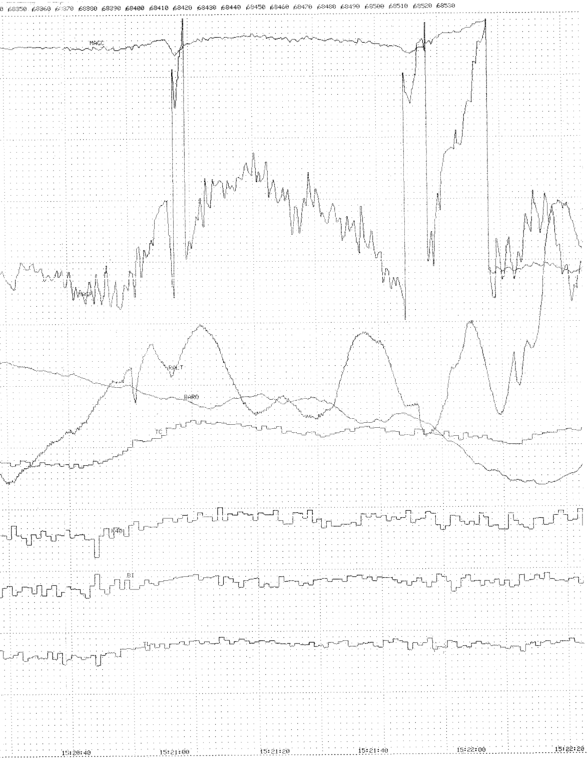
SENS 50/500 FULL SCALE

JOB No. 9001

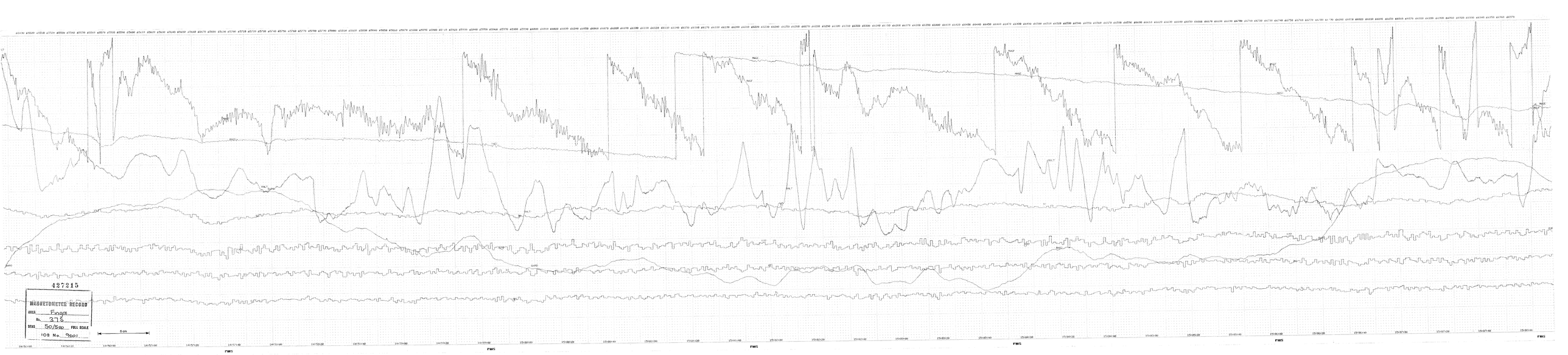


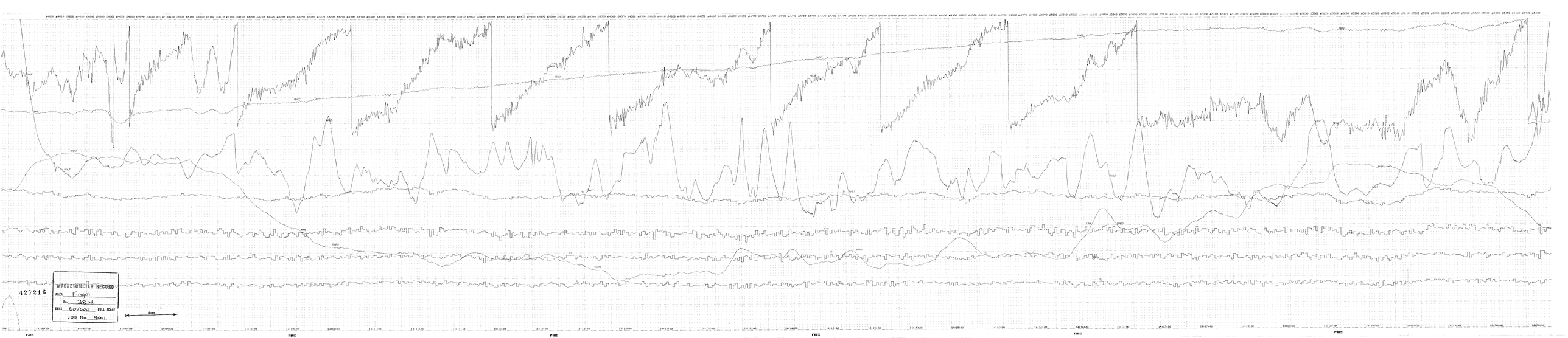


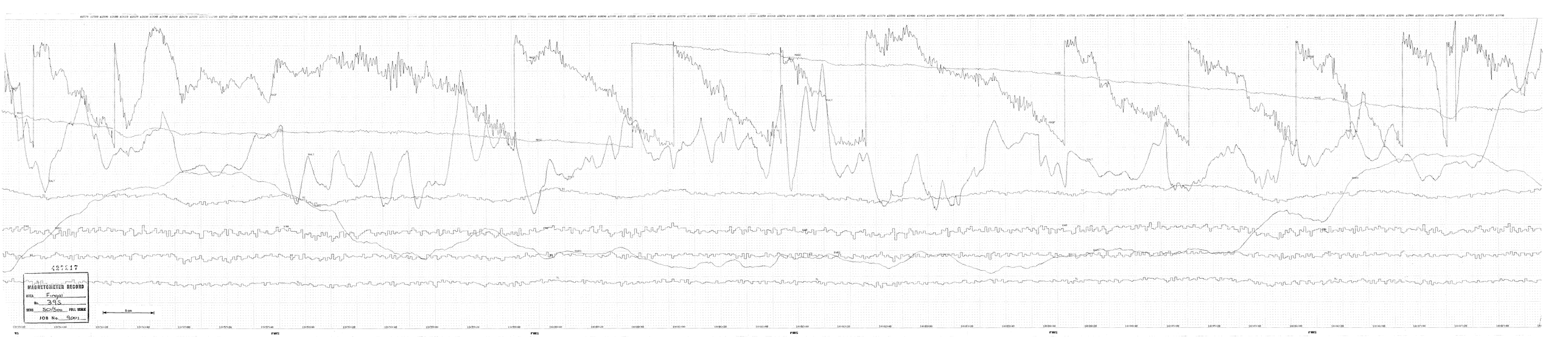
rms

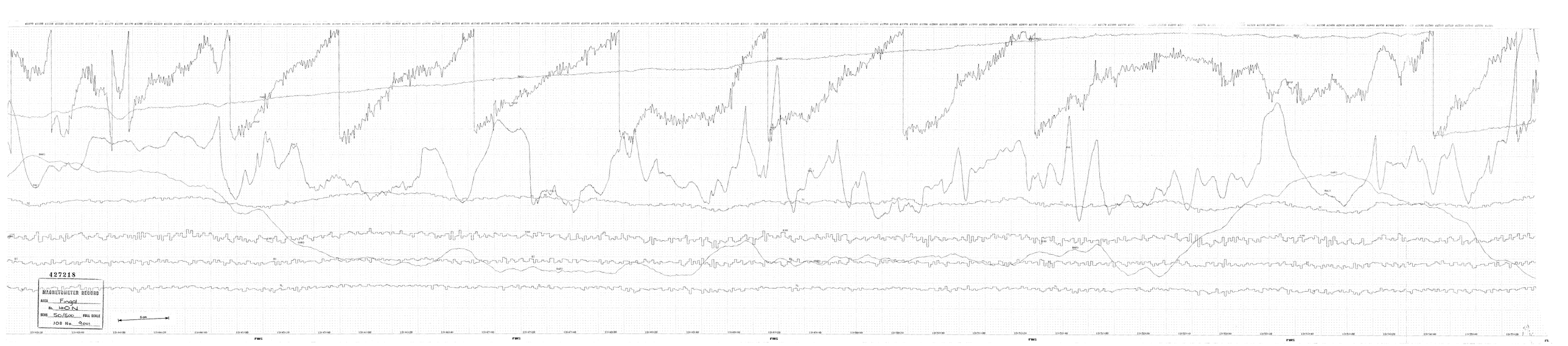


PMS


427215
MAGNETOMETER RECORD
AREA Enagri
No. 275
SENS 50/500 FULL SCALE
IOB No. 9001
5 cm


MAGNETOMETER RECORD
AREA Fingal
DIR. 38N
SENS 50/500 FULL SCALE
JOB No. 9001
427216
6cm
FMS
FMS
FMS
FMS


427217
MAGNETOMETER RECORD
AREA Fingal
No. 395
SENS 50/500 FULL SCALE
JOB No. 9001
5 cm
HHDC
HHDC
HHDC


427218
MAGNETOMETER RECORD
AREA Fingal
EL. 40N
SENS 50/500 FULL SCALE
JOB No. 9001
5 cm
FMS

2560 2570 2580 2590 2600 2610 2620 2630 2640 2650 2660 2670 2680 2690 2700 2710 2720 2730 2740 2750 2760 2770

MAGC

MAGF

BALT

BARO

TC

MAGNETOMETER RECORD

AREA Fingal

No. 40S Infill

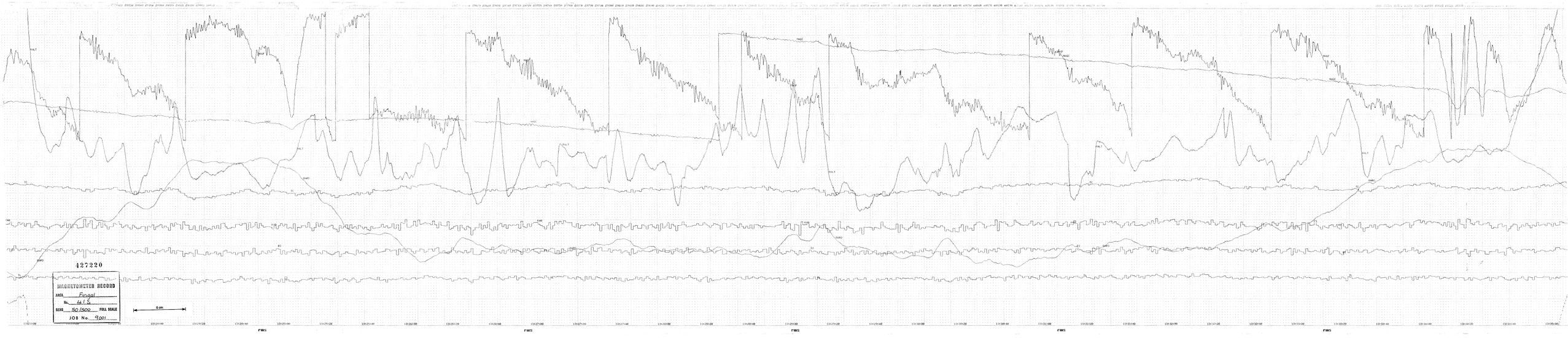
SENS 50/500 FULL SCALE

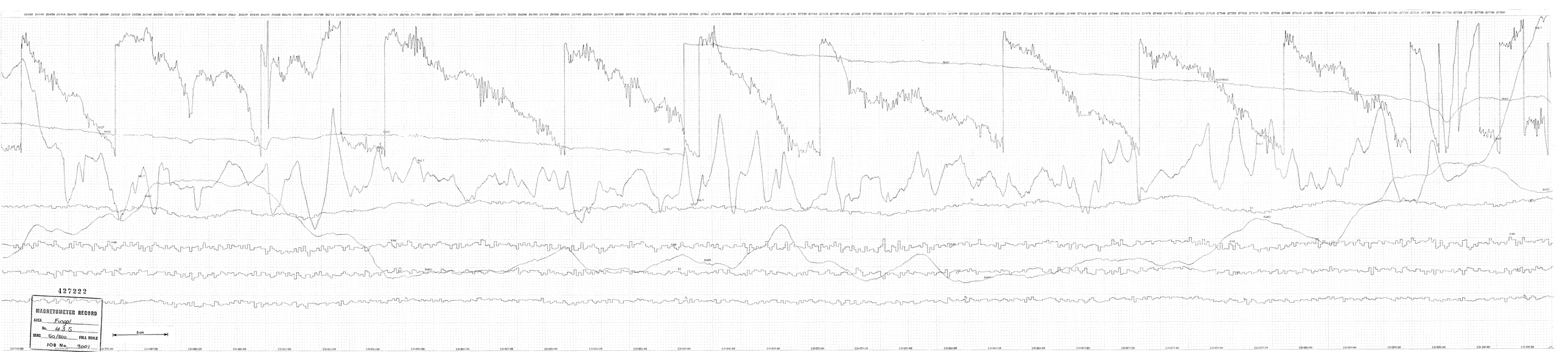
JOB No. 9001

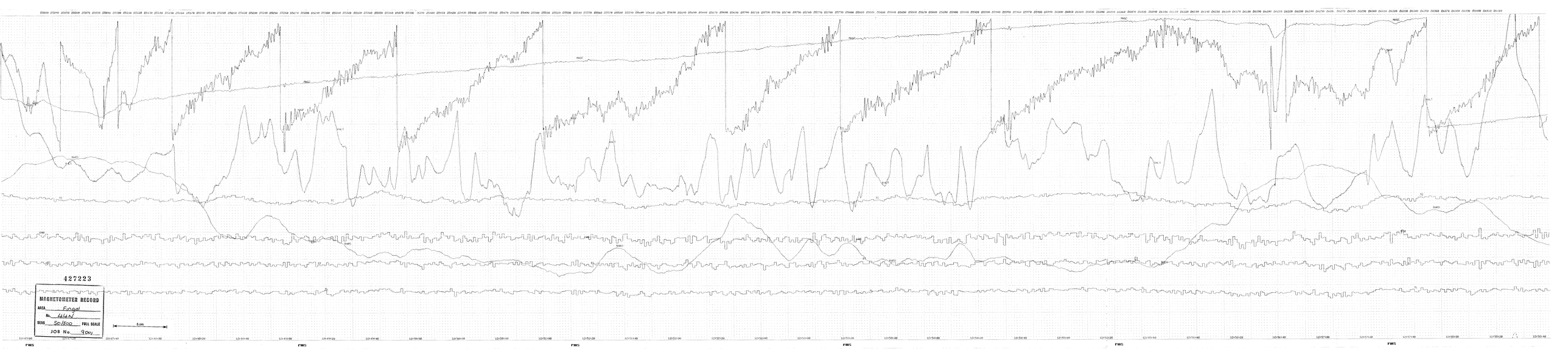
427219

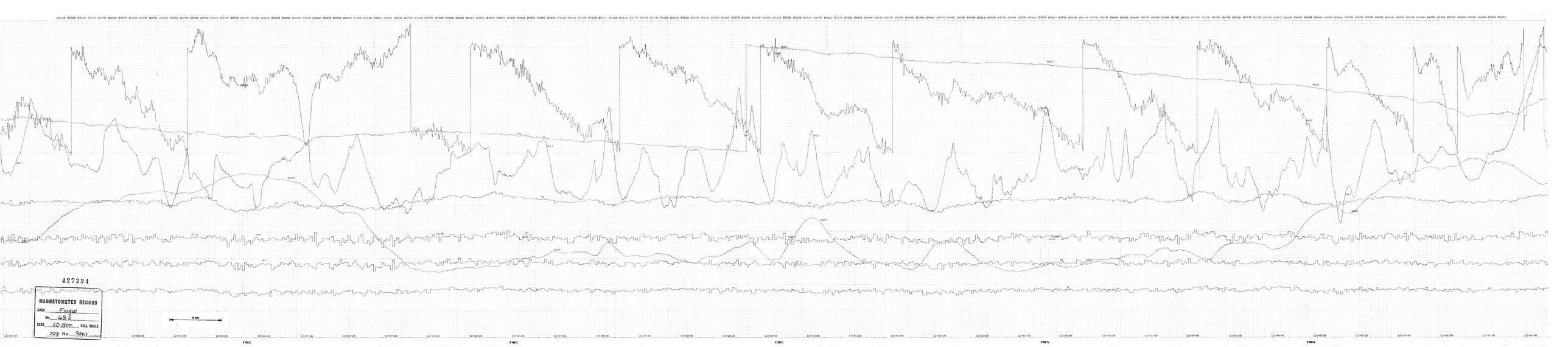
5 cm

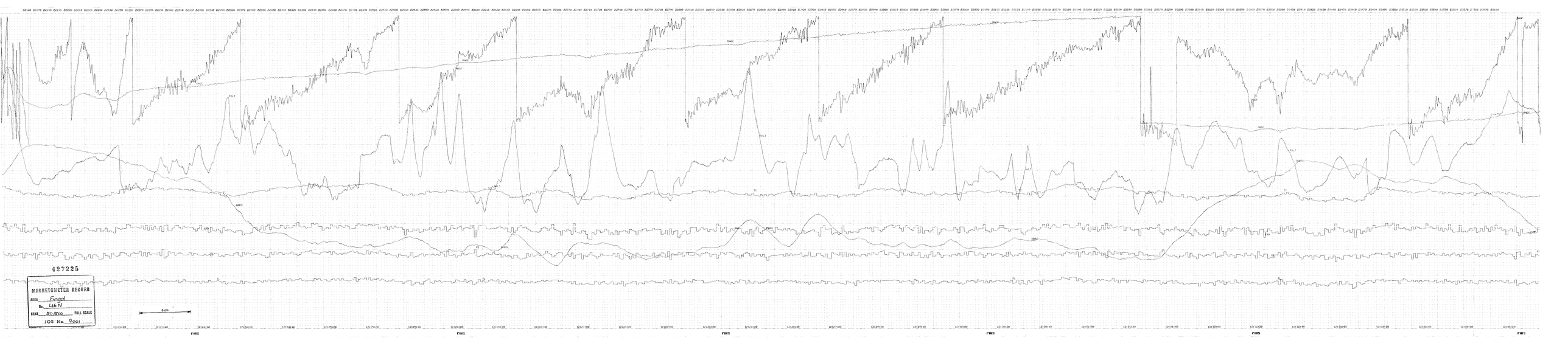
12:39:00 12:39:20 12:39:40 12:40:00 12:40:20 12:40:40 12:41:00

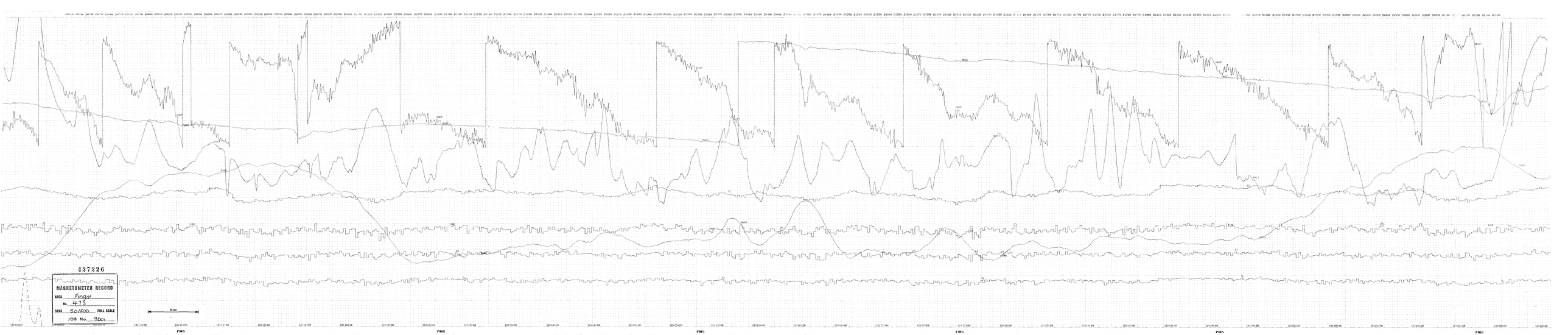

427220
MAGNETOMETER RECORD
AREA Fingal
No. 1615
SENS 50/500 FULL SCALE
5cm
JOB No. 9001
FMS
FMS
FMS
FMS

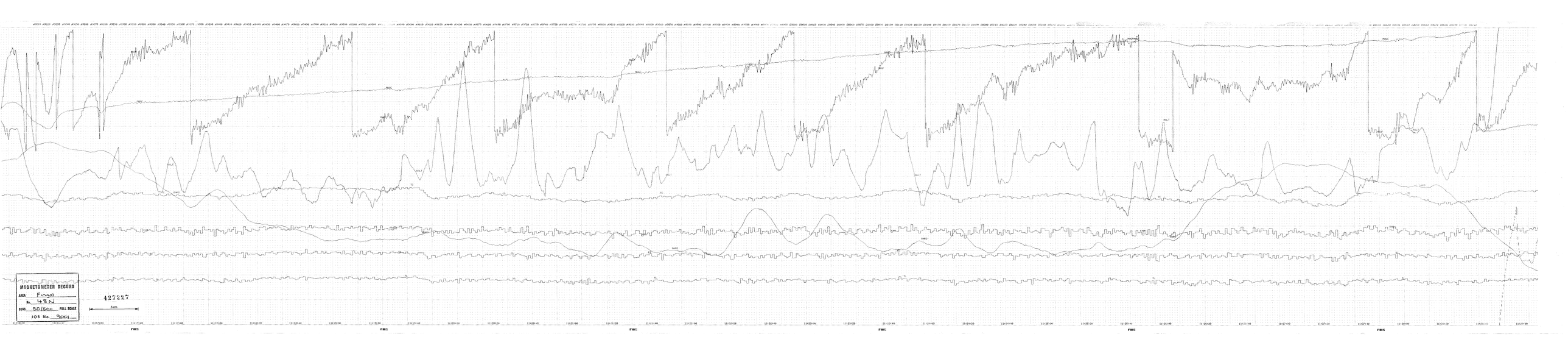

427222
MAGNETOMETER RECORD
AREA Fingal
RL 43 S
SENS 60/500 FULL SCALE
JOB No. 9001
5 cm
FMS
FMS
FMS
FMS
FMS

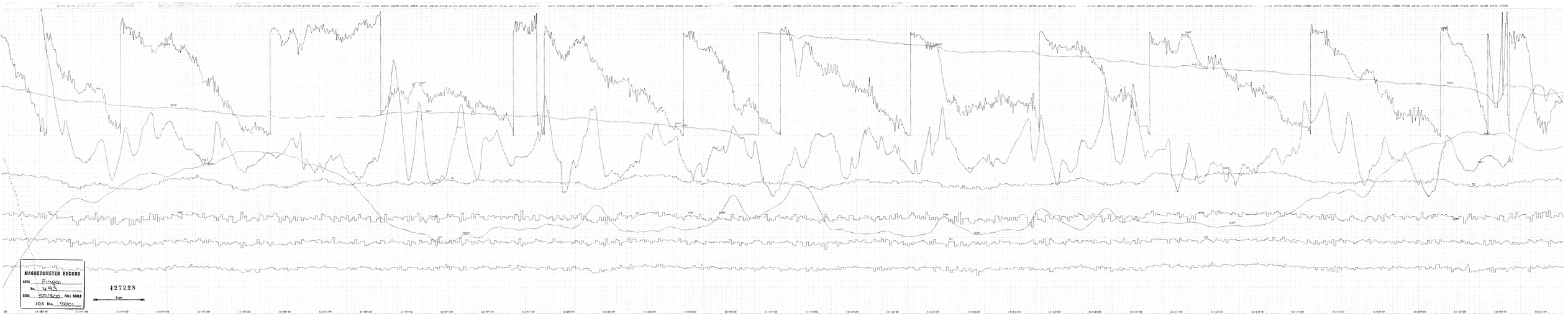

427223
MAGNETOMETER RECORD
AREA Fingal
No. 444N
SCALE 50,000 FULL SCALE
JOB No. 9001
5 cm
FMS
FMS
FMS
FMS
FMS
FMS

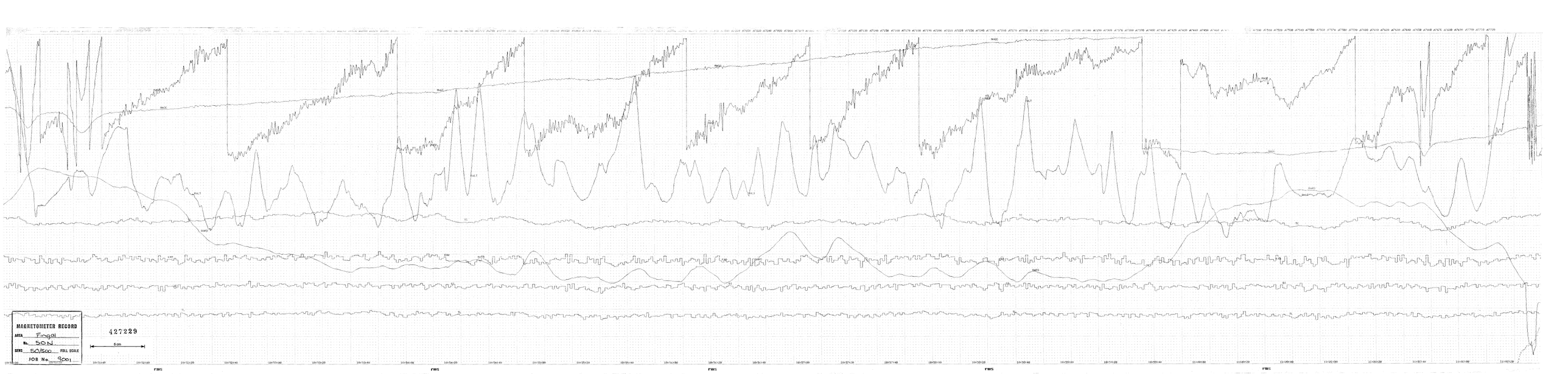

427224
MAGNETOMETER RECORD
AREA Engai
No. 45
SENS 50/500 FULL SCALE
108 No. 900
5 cm
FMS
FMS
FMS
FMS


427225
MAGNETOMETER RECORD
AREA Fingal
No. Lab N
DIAL 50-800 FULL SCALE
JOB No. 9001
5 cm

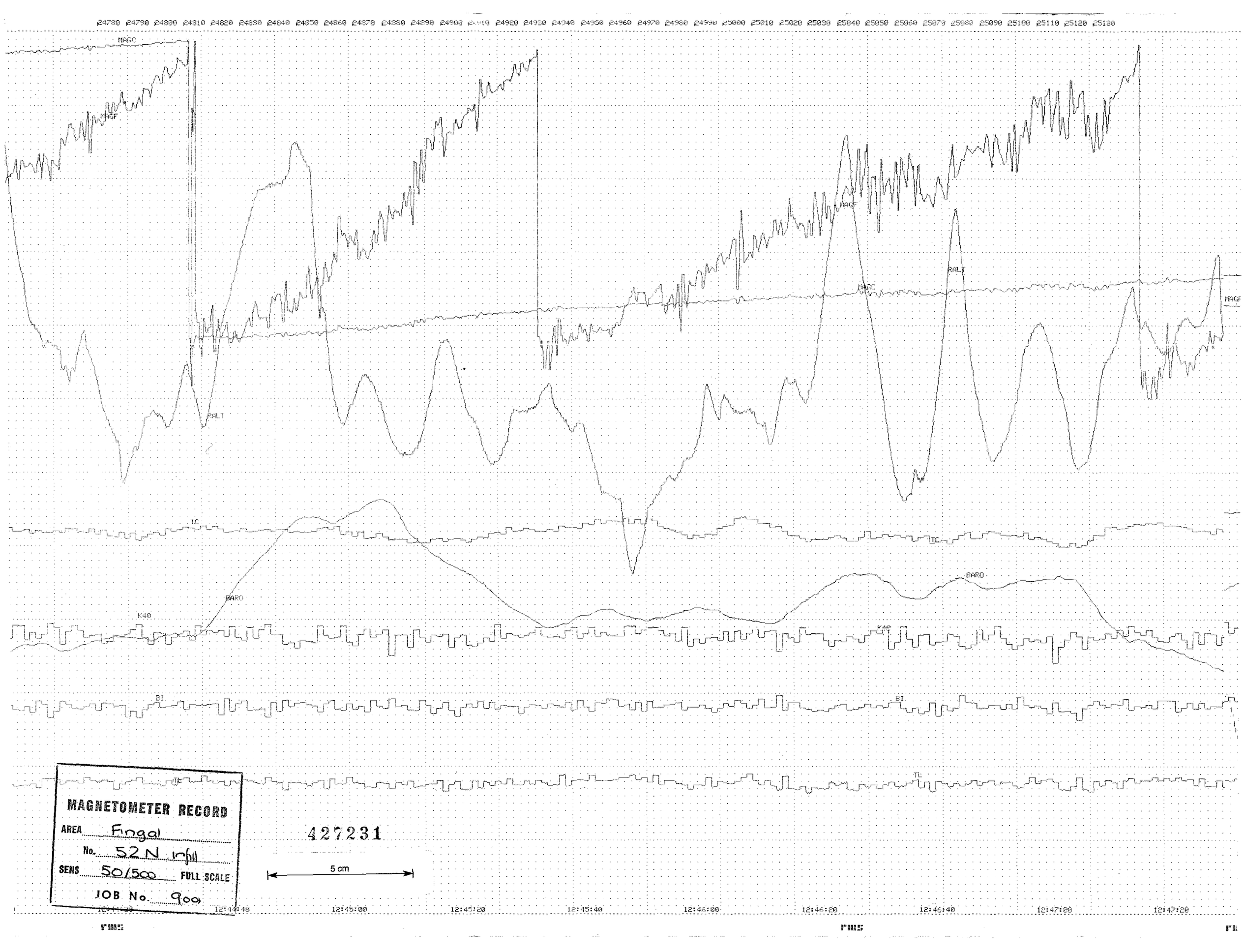

427226
MAGNETOMETER RECORD
AREA Fingal
No. 475
SENS 50/1500 FULL SCALE
JOB No. 9001
5 cm
FMS
FMS
FMS
FMS

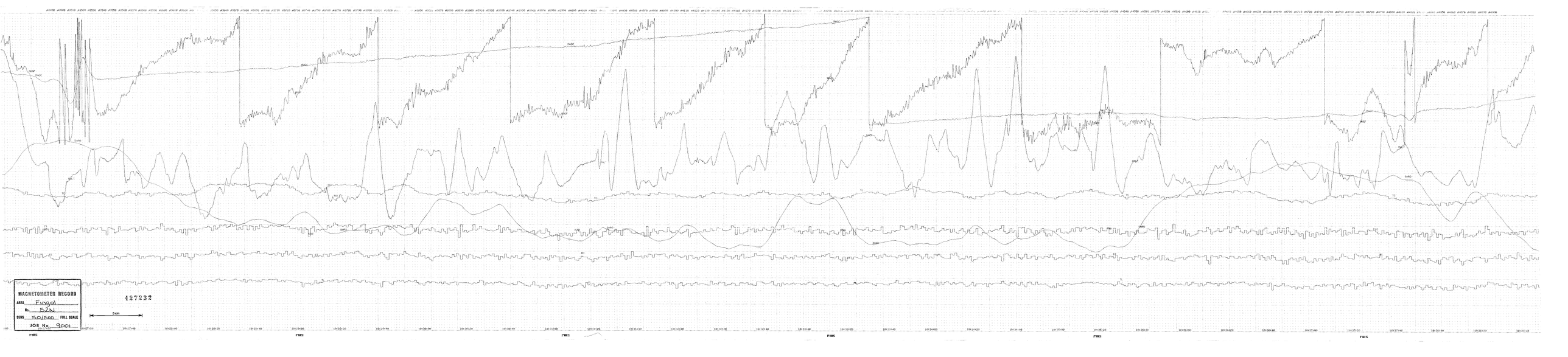

MAGNETOMETER RECORD
AREA Fingal
Rx 48N
SENS 50/500 FULL SCALE
JOB No. 9001
427227
5 cm
FMS
FMS
FMS
FMS
FMS

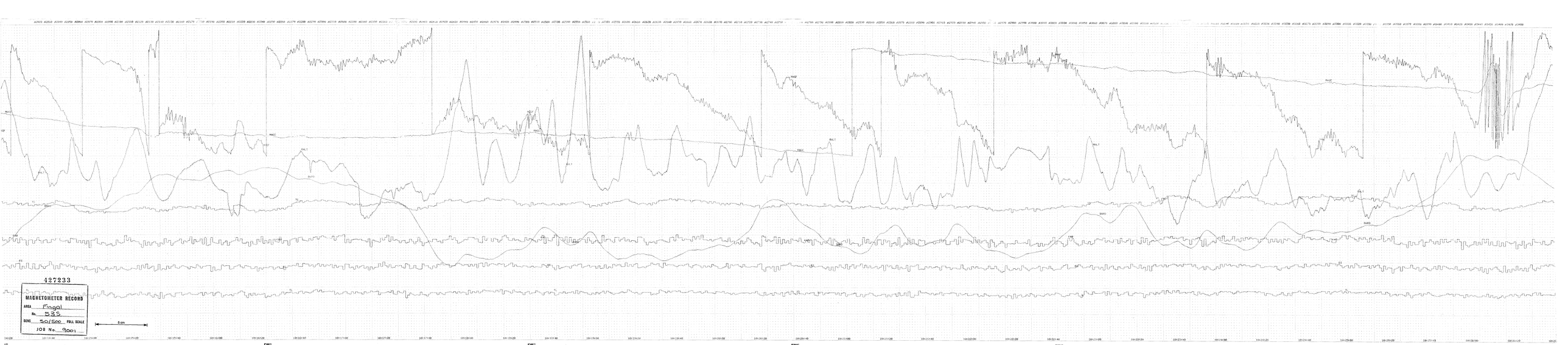

MAGNETOMETER RECORD
AREA Finggi
No. 495
SENS 500/500 FULL SCALE
JOB No. 9001
427228
5cm
HHZ
HHY
HHX
HZ
HY
HX
ZAMP
YAMP
XAMP
FMS

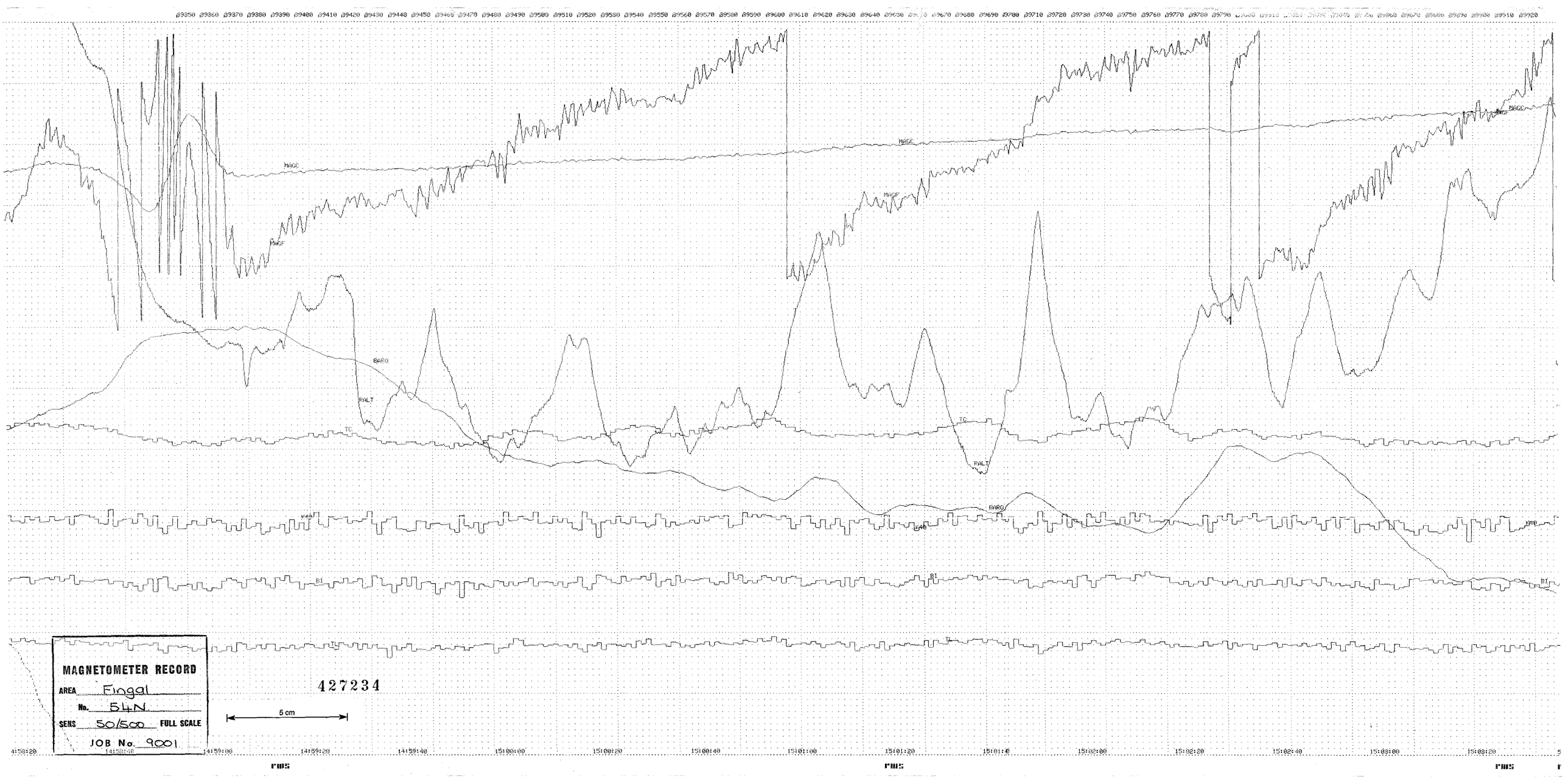

MAGNETOMETER RECORD
AREA Fingal
No. 50N
SENS 50/500 FULL SCALE
JOB No. 9001
427229
5 cm
RMS
RMS
RMS
RMS

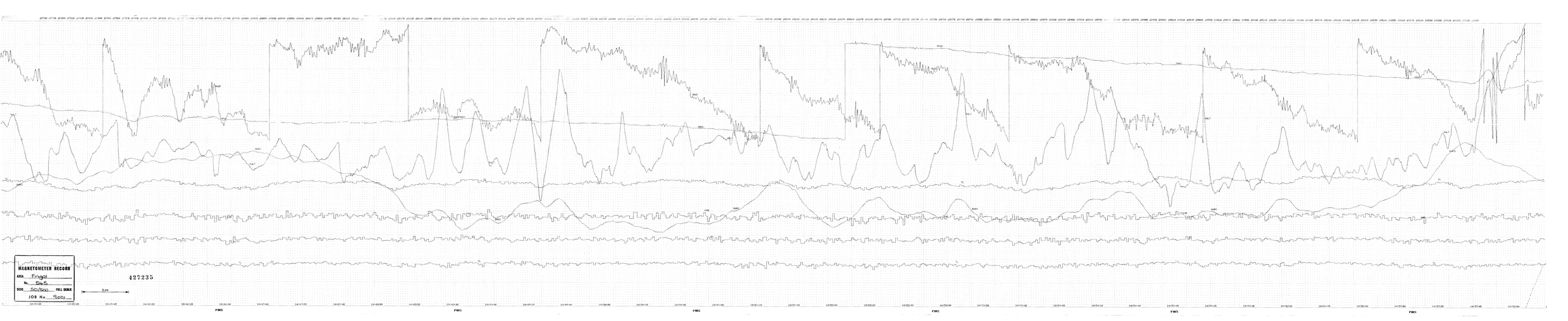
MAGNETOMETER RECORD
AREA Fingal
No. S1S
SENS 50/500 FULL SCALE
JOB No. 9001
427230
5 cm
FMS

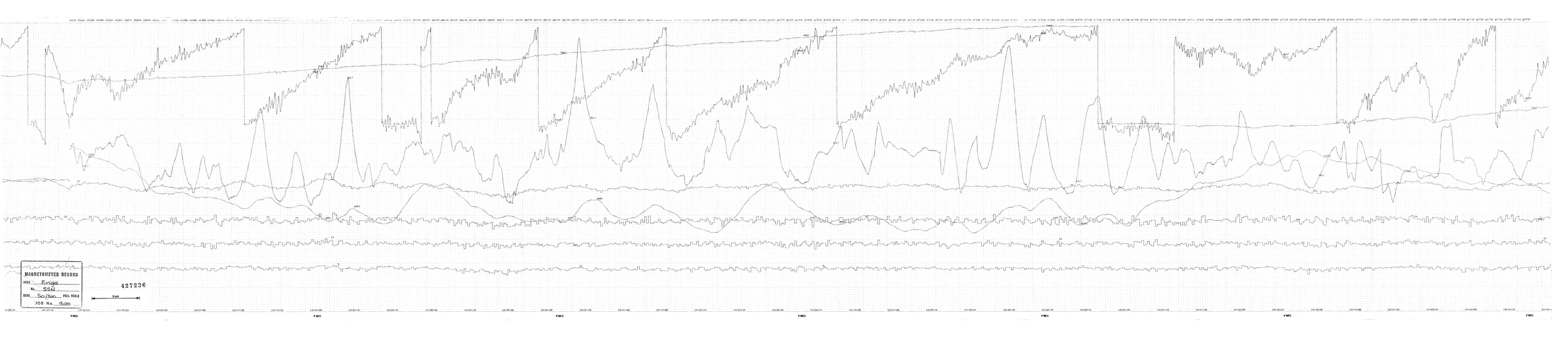

MAGC
MAGF
RALT
MAGC
MAGF
RALT
MAGF
IC
IC
BARO
BARO
K40
K40
BI
BI
TL
TL
MAGNETOMETER RECORD
AREA Fingal
No. 52N infill
SENS 50/500 FULL SCALE
JOB No. 900
427231
5 cm
12:44:40
12:45:00
12:45:20
12:45:40
12:46:00
12:46:20
12:46:40
12:47:00
12:47:20

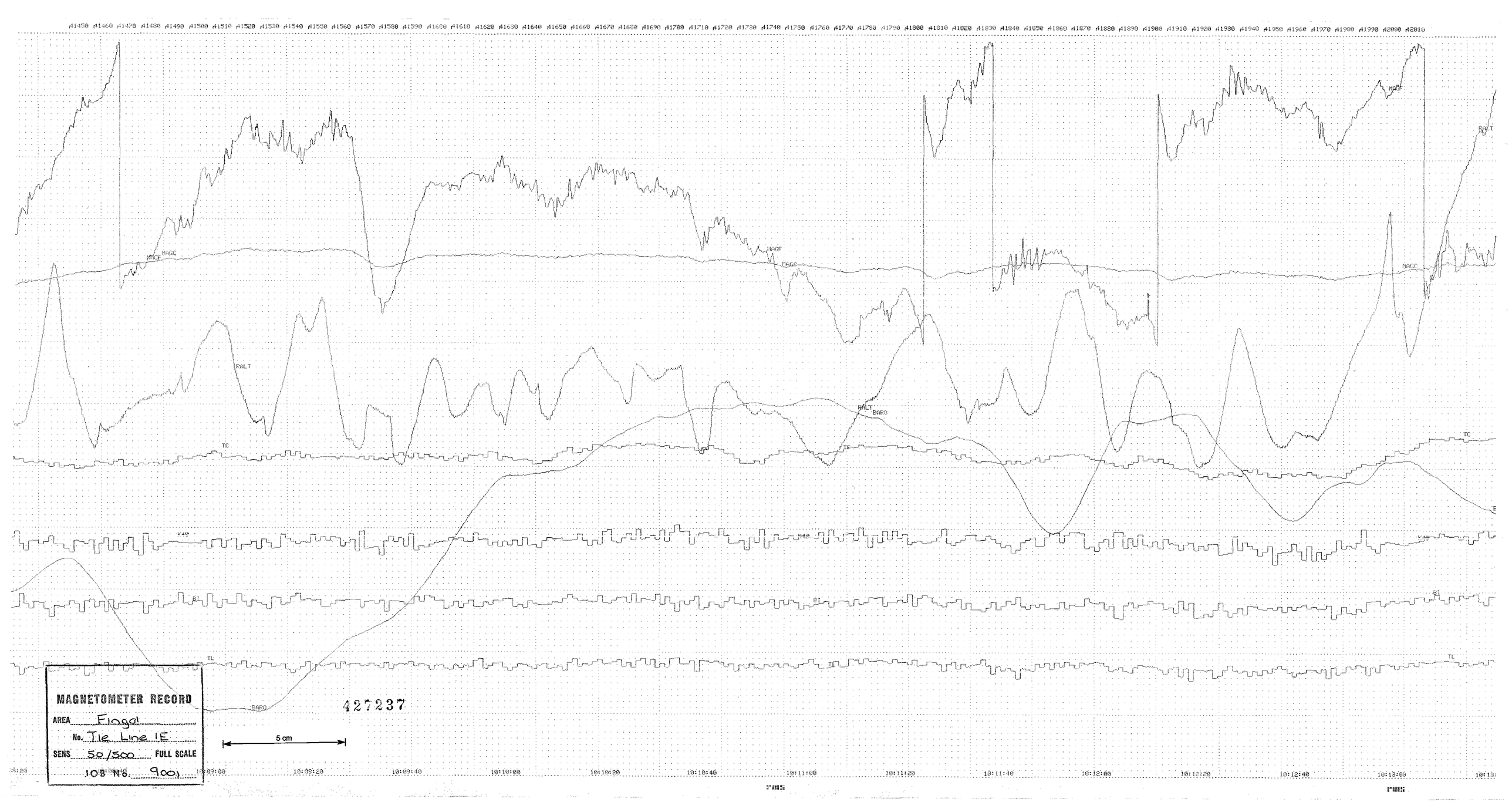

MAGNETOMETER RECORD
AREA Fingal
BL 52N
SENS 50/500 FULL SCALE
JOB No 9001
427232
5cm
FMS
FMS
FMS
FMS
FMS

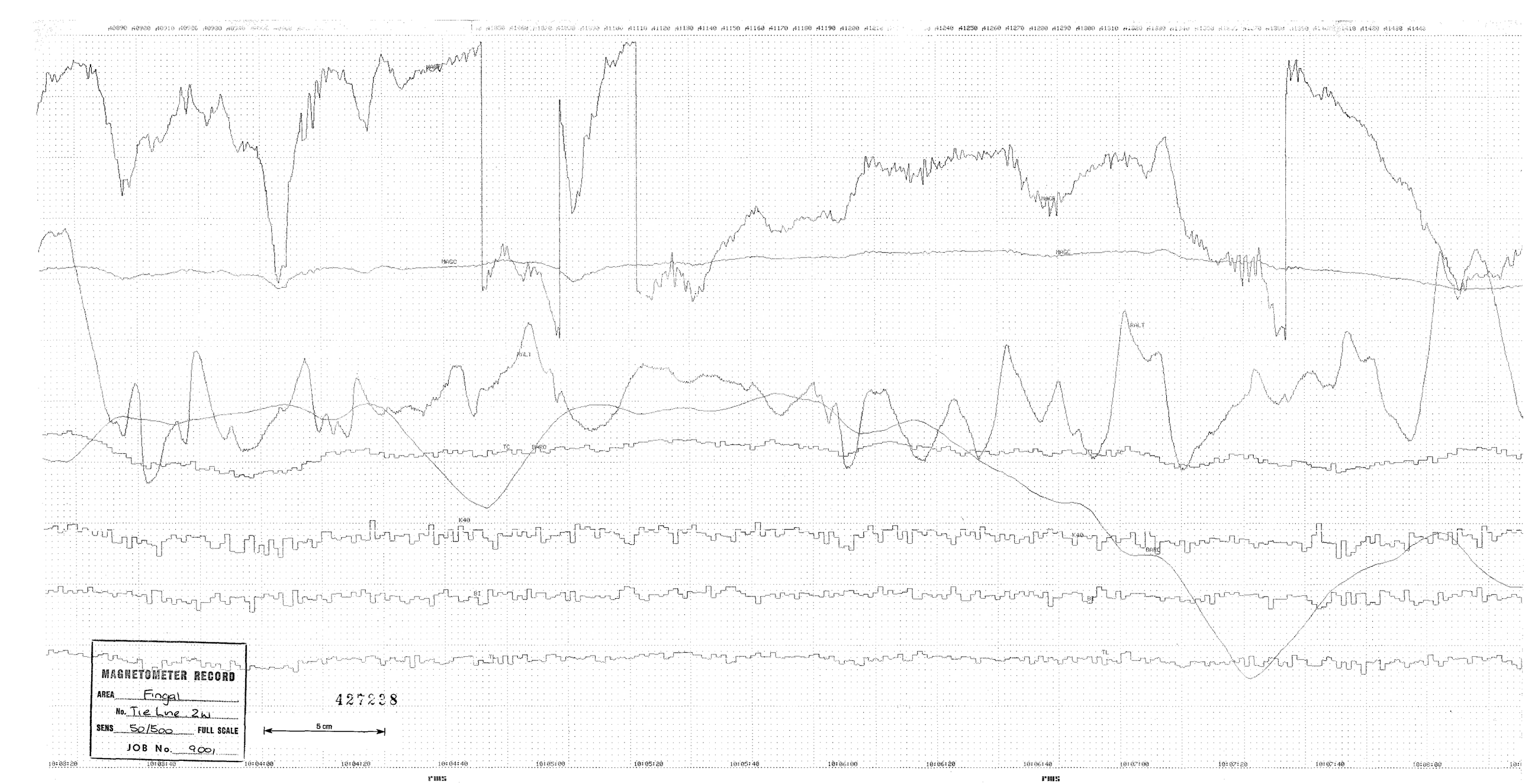

427233
MAGNETOMETER RECORD
AREA Fingal
No. 553
SENS 50/500 FULL SCALE
JOB No. 9001
5 cm


MAGC
MAGF
BARO
RALT
TC
MAG
BI
TI
MAGNETOMETER RECORD
AREA Fingal
No. 54N
SENS 50/500 FULL SCALE
JOB No. 9001
427234
5 cm
14:58:20
14:59:00
14:59:20
14:59:40
15:00:00
15:00:20
15:00:40
15:01:00
15:01:20
15:02:00
15:02:20
15:02:40
15:03:00
15:03:20


MAGNETOMETER RECORD
AREA Fingal
No. SAS
SENS 50/500 FULL SCALE
TOD No. 9067
427235
5 cms
FMS


MAGNETOMETER RECORD
AREA Fingal
No. 55N
SCALE 50/500 FULL SCALE
JOB No. 9001
427236
5cm
FMS
FMS
FMS
FMS
FMS


MAGF
MAGC
RALT
BARO
TC
MAGF
MAGC
RALT
BARO
TC
MAGF
MAGC
RALT
TC
MAGNETOMETER RECORD
AREA Fiaga
No. Tie Line 1E
SENS 50/500 FULL SCALE
JOB No. 900
427237
5 cm


MAGC
MAGC
MAGC
RALT
RALT
TC
BARO
K40
K40
BARO
BI
BI
TL
TL
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 2W
SENS 50/500 FULL SCALE
JOB No. 9001
427238
5 cm
10:03:20
10:03:40
10:04:00
10:04:20
10:04:40
10:05:00
10:05:20
10:05:40
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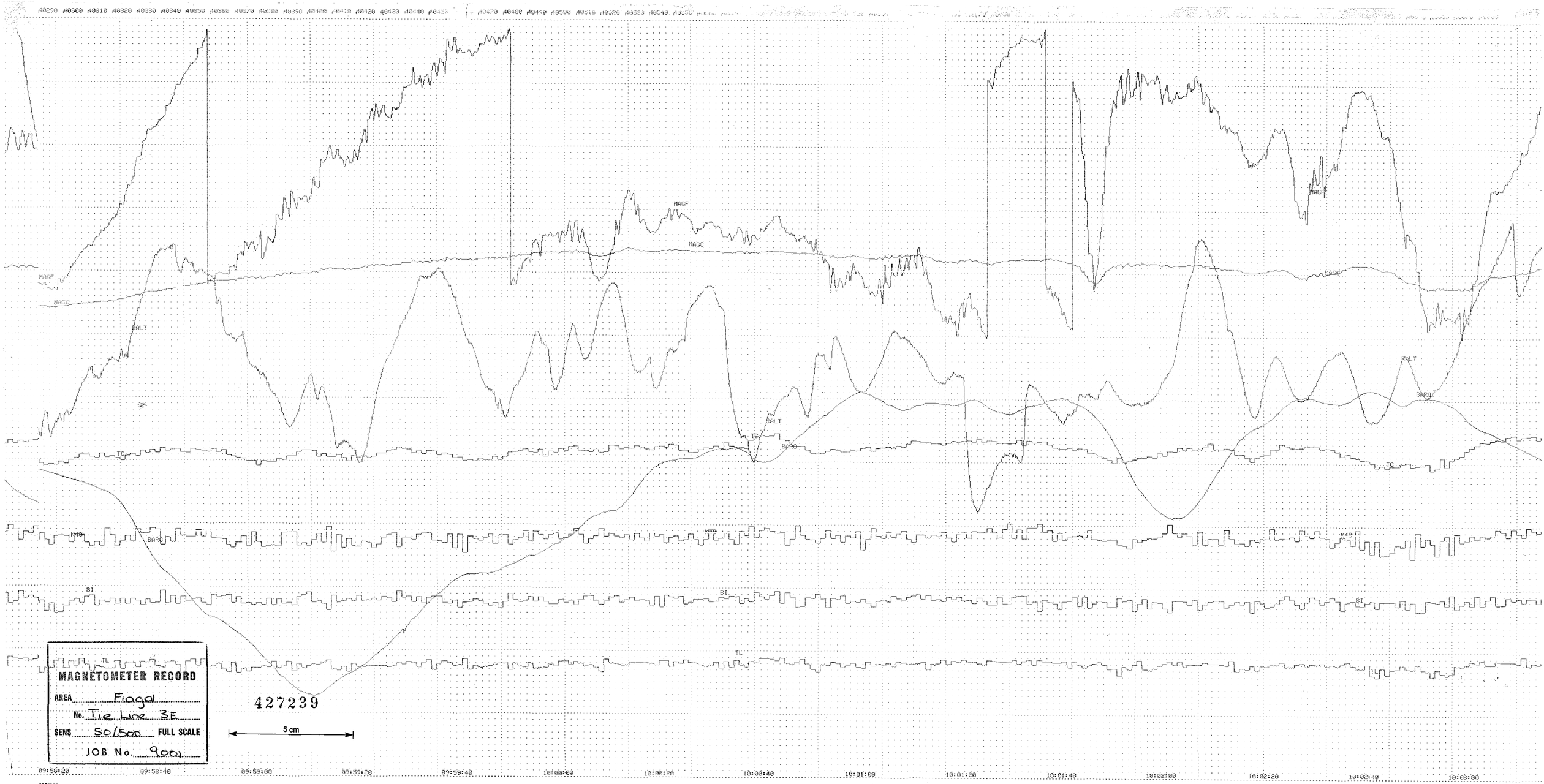
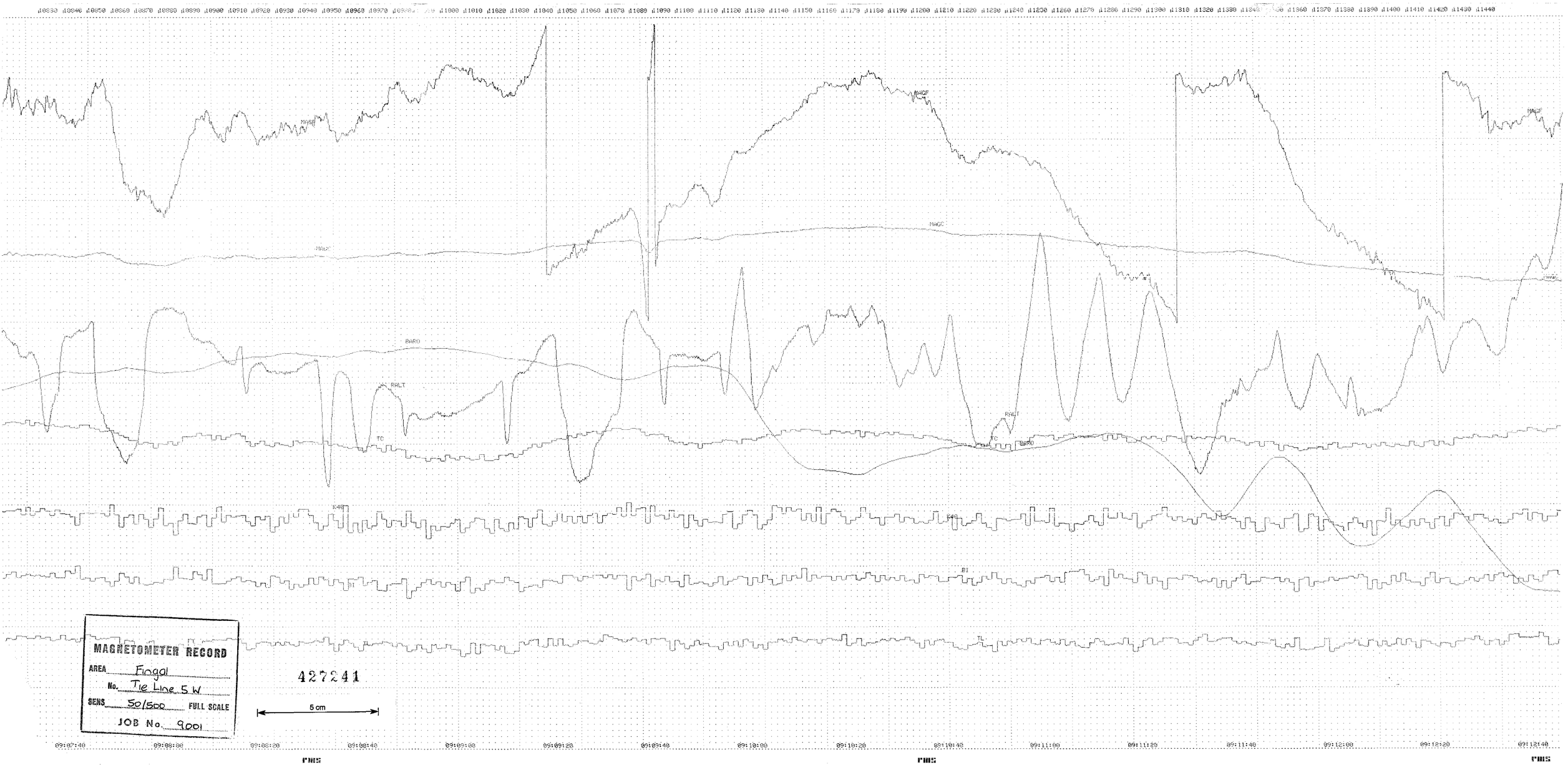
10:06:40
10:07:00
10:07:20
10:07:40
10:08:00
PMS
PMS


MAGF
MAGC
BARO
TC
TL
BI
09:58:20
09:58:40
09:59:00
09:59:20
09:59:40
10:00:00
10:00:20
10:00:40
10:01:00
10:01:20
10:01:40
10:02:00
10:02:20
10:02:40
10:03:00
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 3E
SENS 50/500 FULL SCALE
JOB No. 9001
427239
5 cm

MAGF
MAGC
RALT
BARO
TC
K40
BI
TK
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 4E
SENS 50/500 FULL SCALE
JOB No. 9001
427240
5 cm
09:13:40
09:14:00
09:14:20
09:14:40
09:15:00
09:15:20
09:15:40
09:16:00
09:16:20
09:16:40
09:17:00
09:17:20
09:17:40
09:18:00
mins


MAGE
MAGC
BARO
RALT
TC
K40
BI
TL
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 5 W
SENS 50/500 FULL SCALE
JOB No. 9001
427241
5 cm
09:07:40
09:08:00
09:08:20
09:08:40
09:09:00
09:09:20
09:09:40
09:10:00
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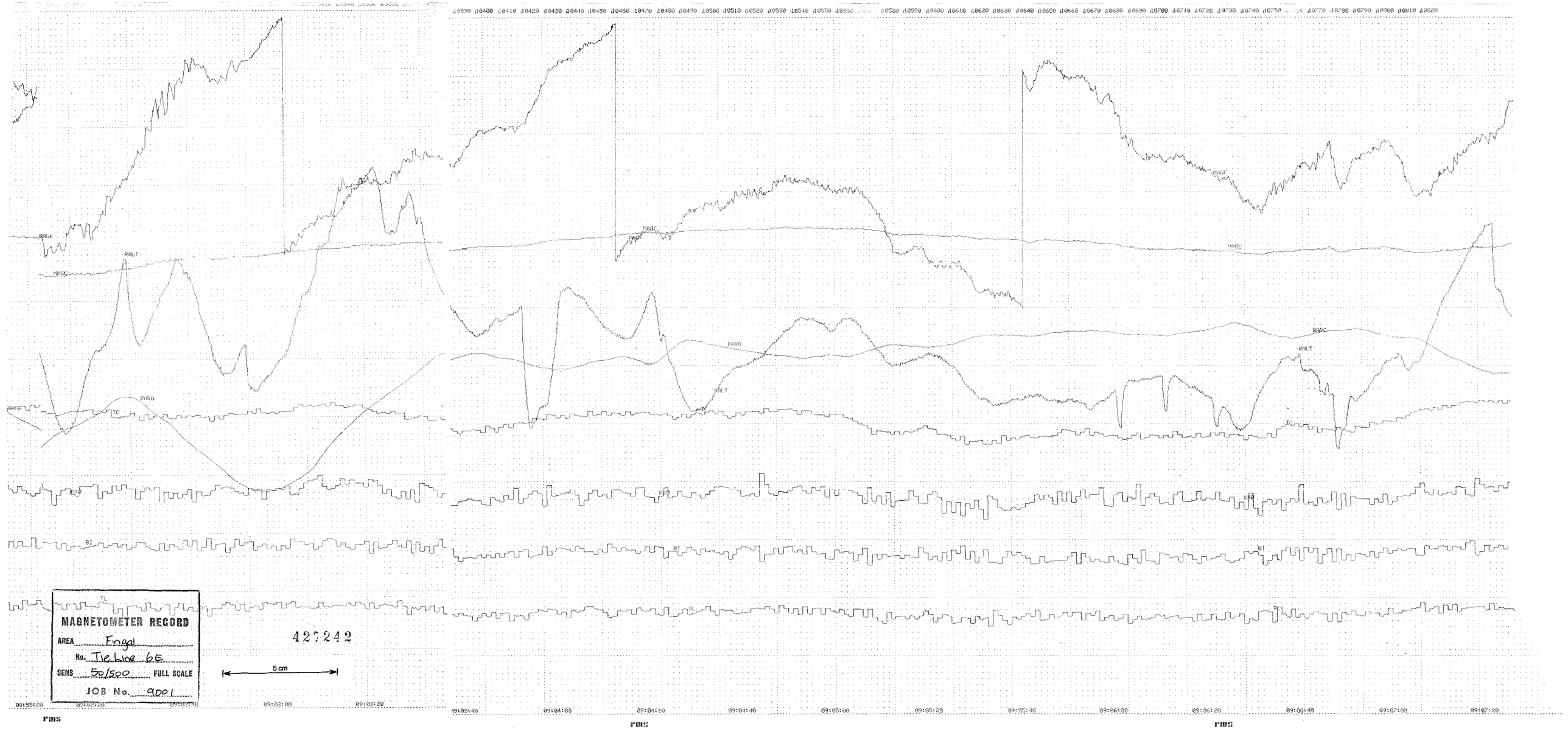
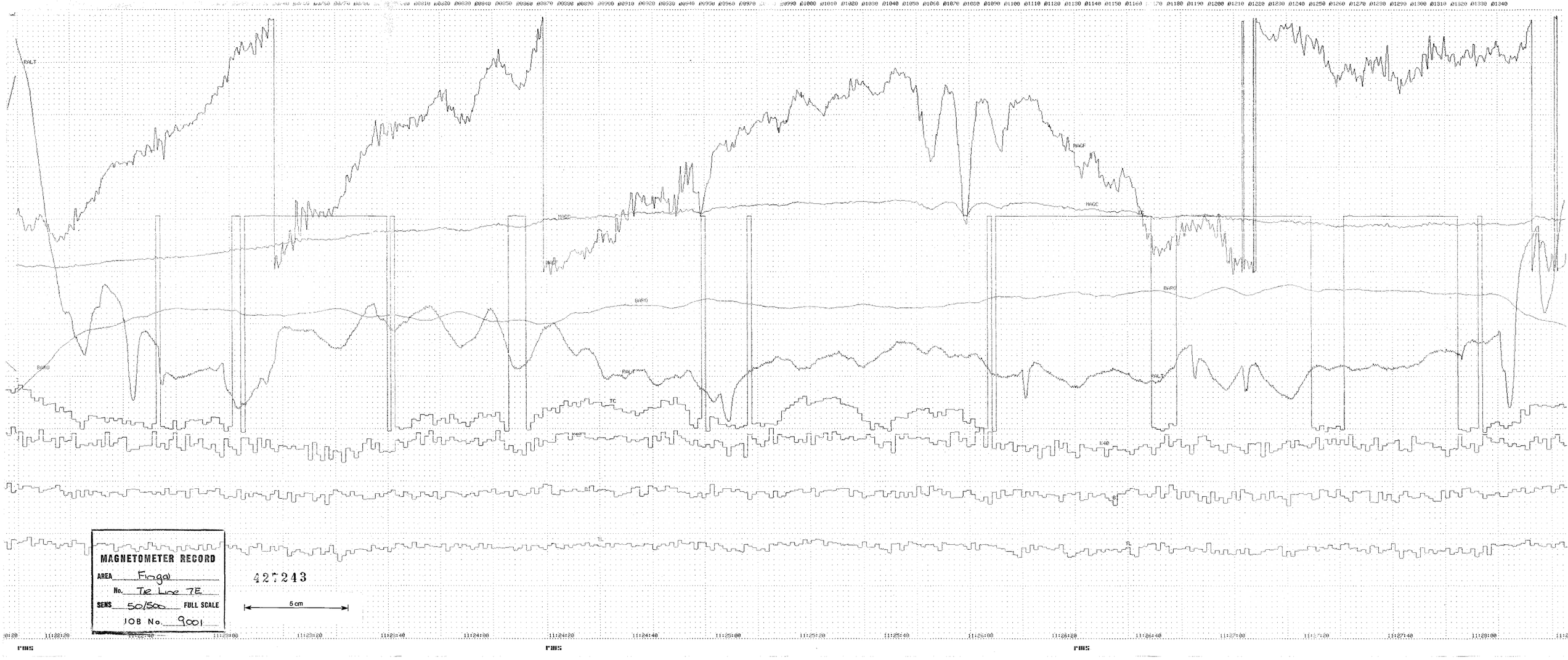
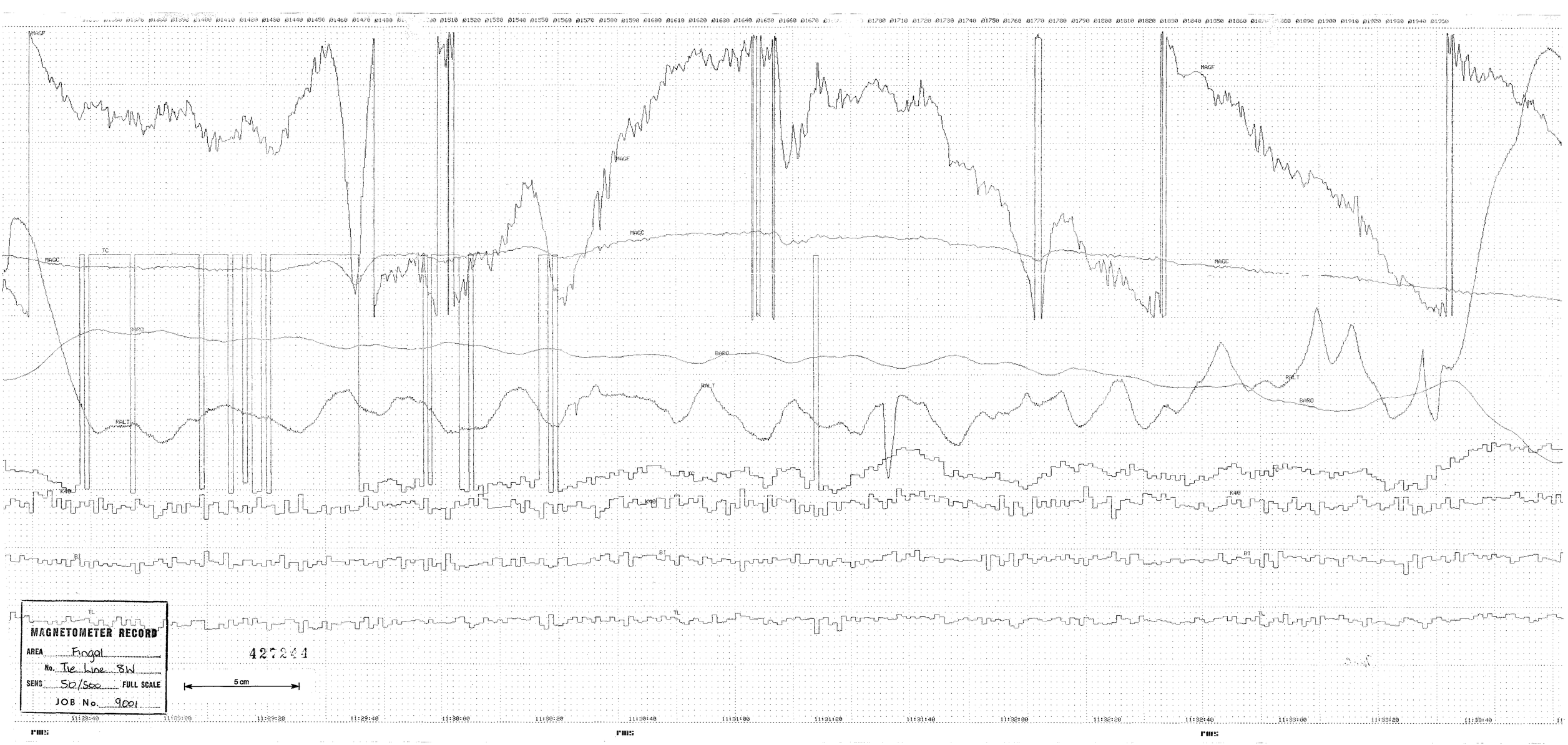
09:12:40
PNS


MAGF
RALT
MAGC
BARO
TC
MAGF
RALT
MAGC
BARO
RALT
MAGC
BARO
RALT
MAGNETOMETER RECORD
AREA Fingal
No. Ireland 6E
SENS 50/500 FULL SCALE
JOB No. 9001
427242
5 cm
09:02:20
09:03:00
09:03:20
09:03:40
09:04:00
09:04:20
09:04:40
09:05:00
09:05:20
09:05:40
09:06:00
09:06:20
09:06:40
09:07:00
09:07:20
rms
rms
rms


RALT
MAGF
MAGC
BARO
TC
K40
TL
MAGNETOMETER RECORD
AREA Fiaga
No. Tie Line 7E
SENS 50/500 FULL SCALE
JOB No. 9001
427243
5 cm
11:22:20
11:23:00
11:23:20
11:23:40
11:24:00
11:24:20
11:24:40
11:25:00
11:25:20
11:25:40
11:26:00
11:26:20
11:26:40
11:27:00
11:27:40
11:28:00
FMS
FMS
FMS


MAGF
MAGC
TC
BARO
RALT
K40
BI
TL
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line SW
SENS 50/Sec FULL SCALE
JOB No. 9001
427244
5 cm
11:28:40
11:29:00
11:29:20
11:29:40
11:30:00
11:30:20
11:30:40
11:31:00
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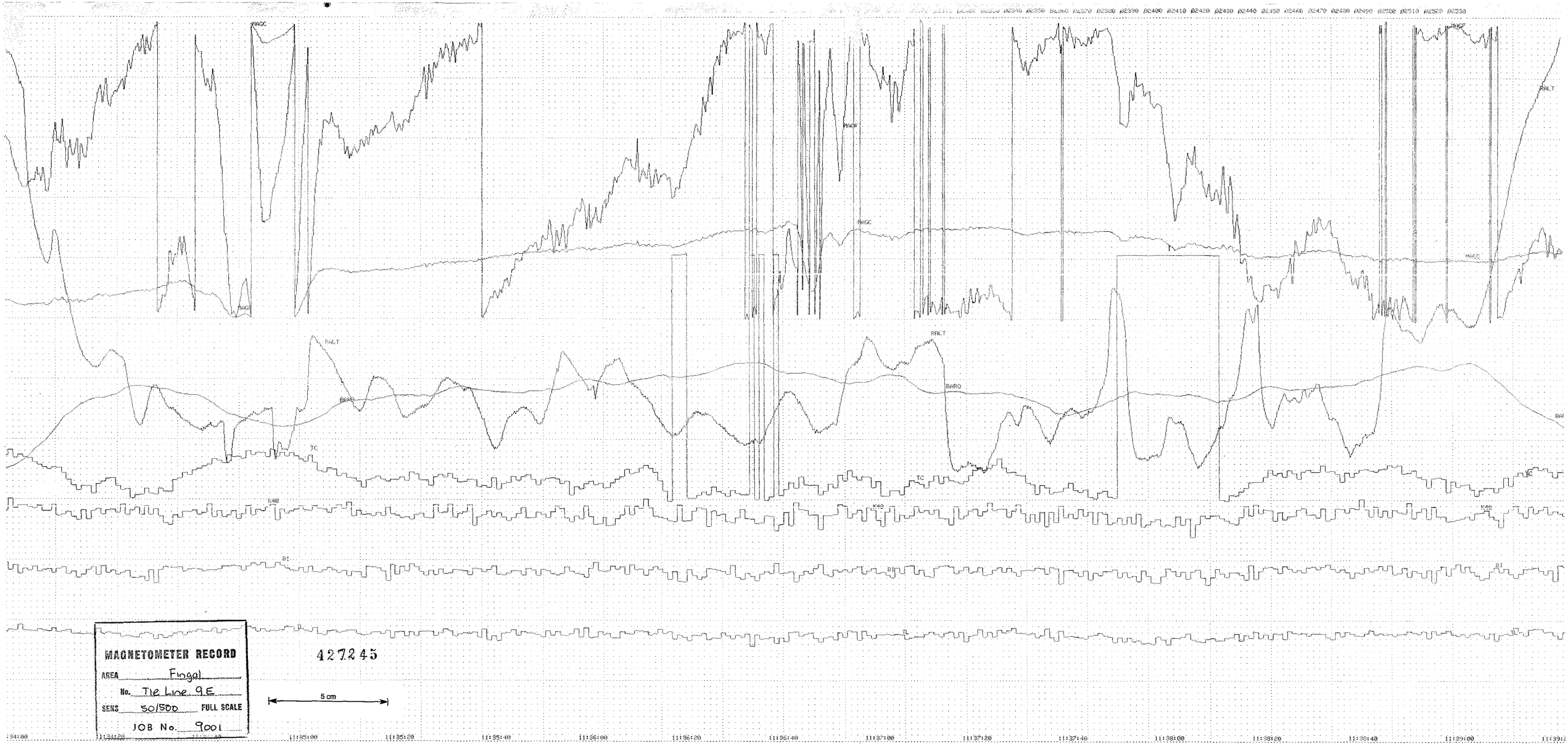
11:33:20
11:33:40
rms


MAGC
MAGF
RALT
BARO
TC
RAD
BI
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 9E
SENS 50/500 FULL SCALE
JOB No. 9001
427245
5 cm
11:34:00
11:34:20
11:34:40
11:35:00
11:35:20
11:35:40
11:36:00
11:36:20
11:36:40
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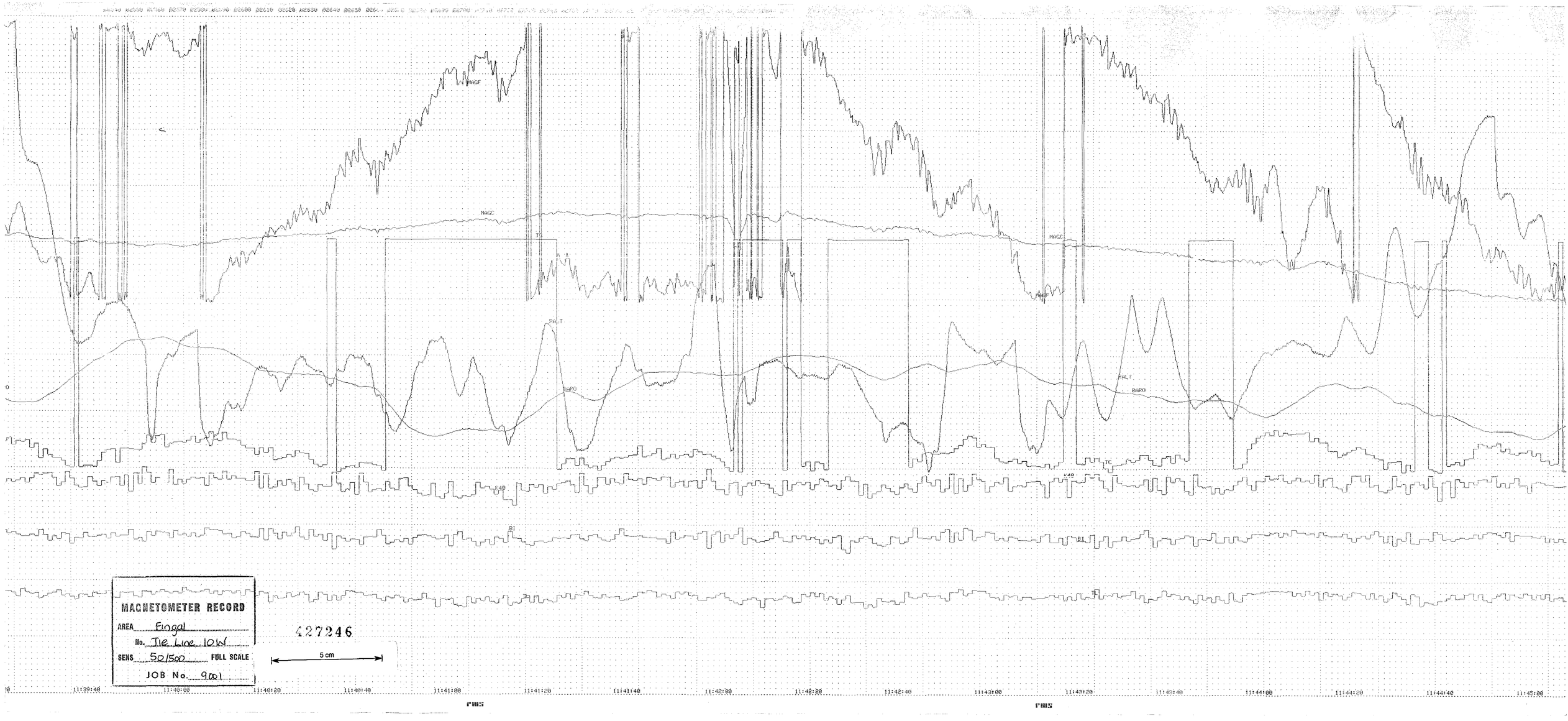
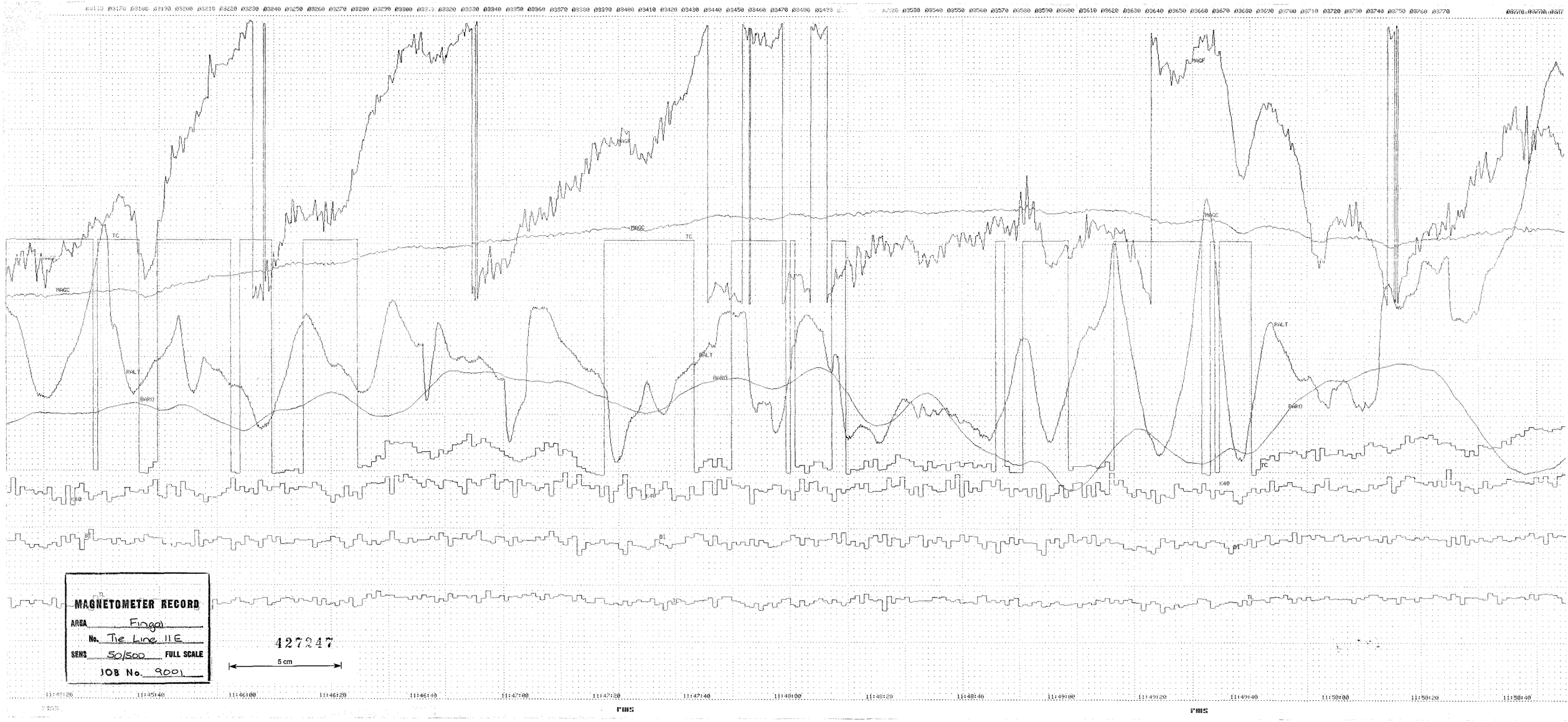
FIDS
FIDS
FIDS


MAGF
MAGC
TC
PALT
BARO
K49
BI
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 10W
SENS 50/500 FULL SCALE
JOB No. 9001
427246
5 cm
11:39:40
11:40:00
11:40:20
11:40:40
11:41:00
11:41:20
11:41:40
11:42:00
11:42:20
11:42:40
11:43:00
11:43:20
11:43:40
11:44:00
11:44:20
11:44:40
11:45:00
PMS


MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 11E
SENS 50/500 FULL SCALE
JOB No. 9001
427247
5 cm
MAGF
MAGC
TC
RALT
BARO
K40
BI
TL
11:45:20
11:45:40
11:46:00
11:46:20
11:46:40
11:47:00
11:47:20
11:47:40
11:48:00
11:48:20
11:48:40
11:49:00
11:49:20
11:49:40
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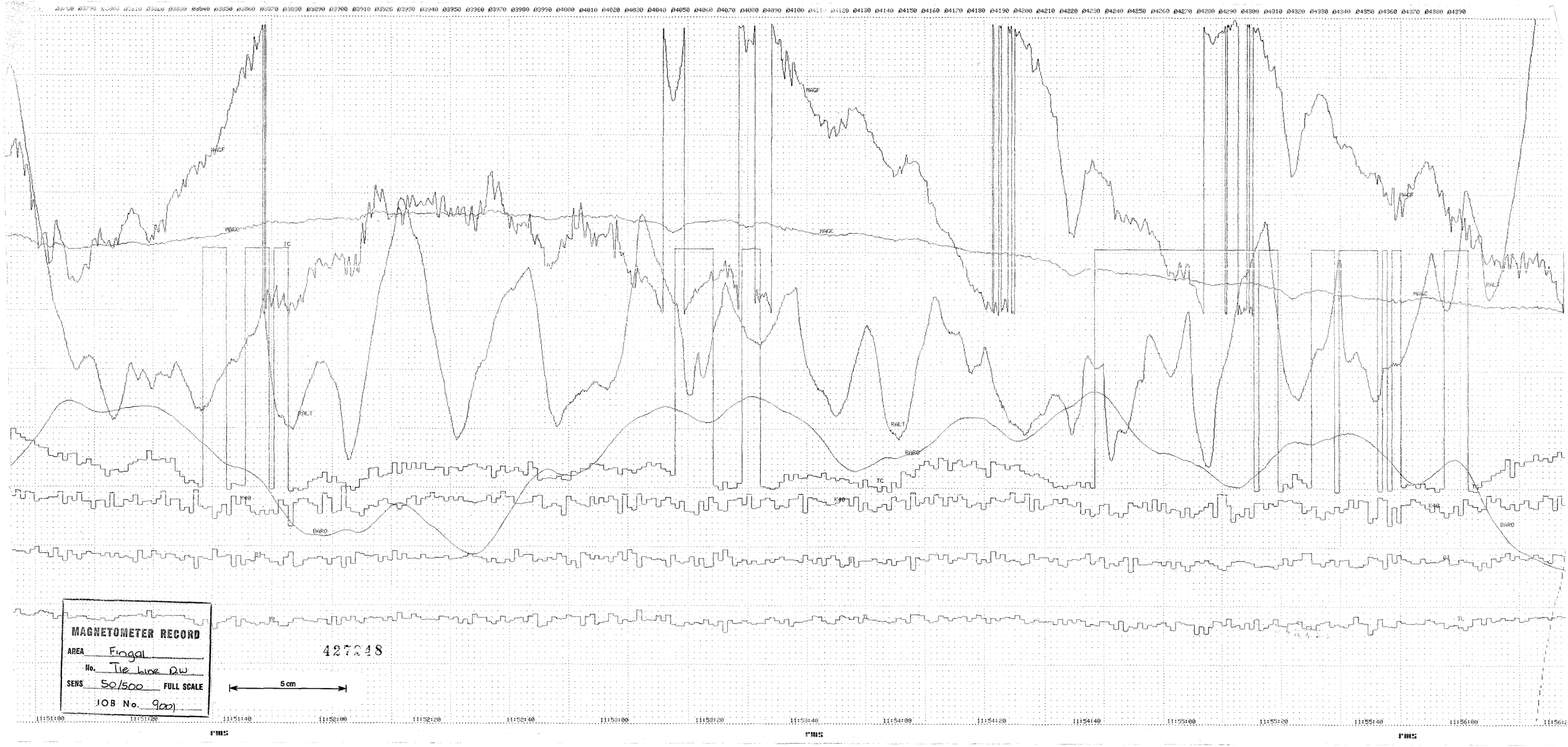
11:50:20
11:50:40
mins


MAGF
MAGC
IC
RALT
BARO
TC
MAGC
RALT
BARO
MAGC
RALT
BARO
MAGF
MAGF
MAGC
RALT
BARO
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 2W
SENS. 50/500 FULL SCALE
JOB No. 9001
427348
5 cm
11:51:00
11:51:20
11:51:40
11:52:00
11:52:20
11:52:40
11:53:00
11:53:20
11:53:40
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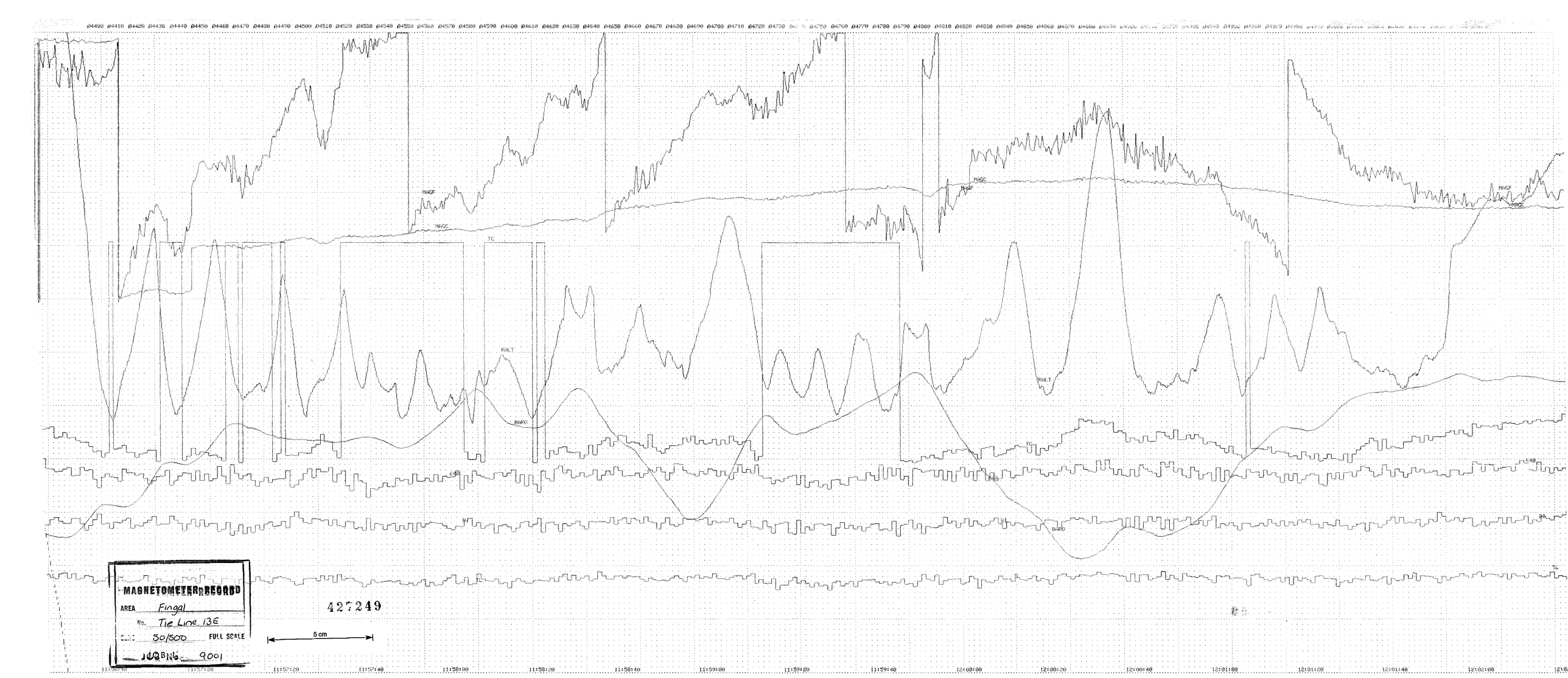
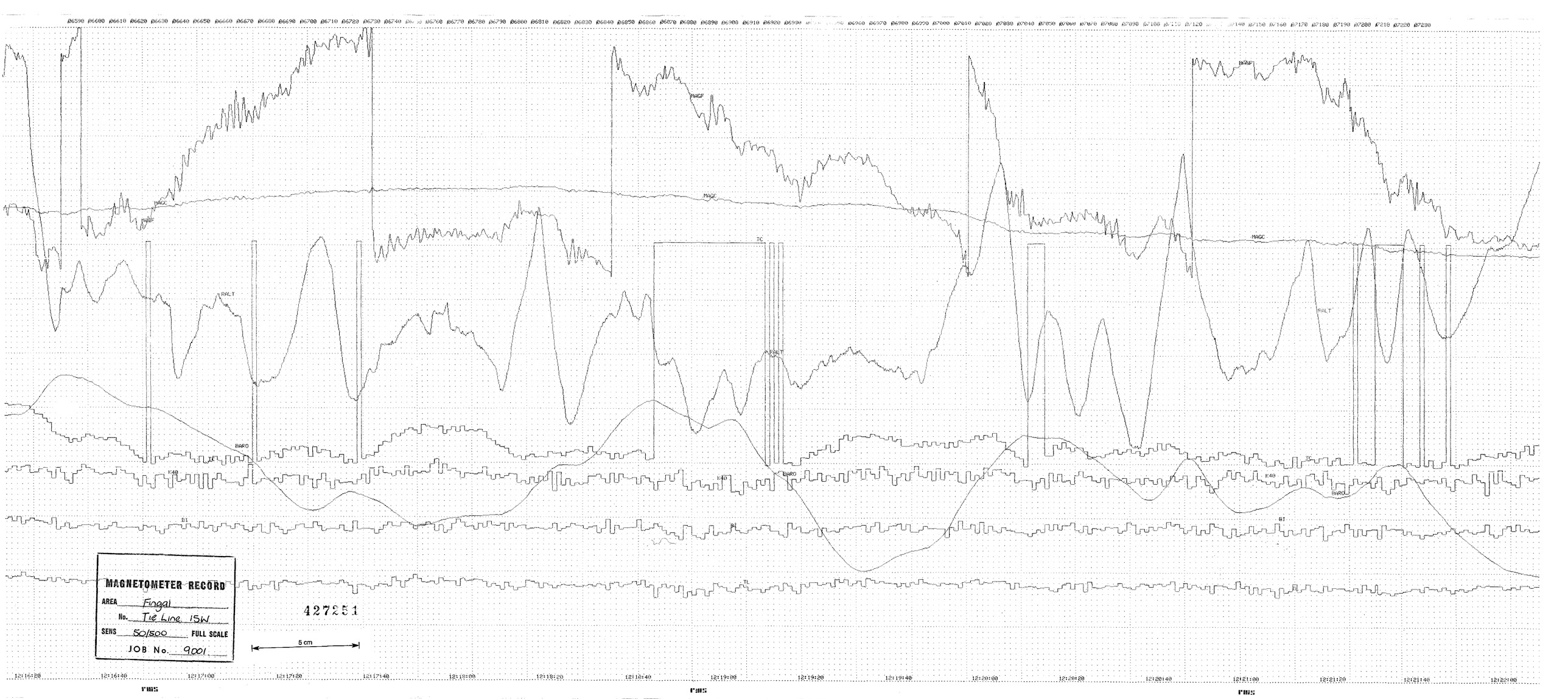
FMS
FMS
FMS


MAGF
MAGC
TC
RALT
BARO
MAGF
MAGC
RALT
BARO
TC
MAGF
MAGC
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 13E
50/500 FULL SCALE
JOB No. 9001
427249
5 cm
11:57:20
11:57:40
11:58:00
11:58:20
11:58:40
11:59:00
11:59:20
11:59:40
12:00:00
12:00:20
12:00:40
12:01:00
12:01:20
12:01:40
12:02:00
PMS
PMS
PMS


MAGF
MAGC
RALT
TC
BARO
K40
BI
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 15W
SENS 50/500 FULL SCALE
JOB No. 9001
427251
5 cm
12:16:20
12:16:40
12:17:00
12:17:20
12:17:40
12:18:00
12:18:20
12:18:40
12:19:00
12:19:20
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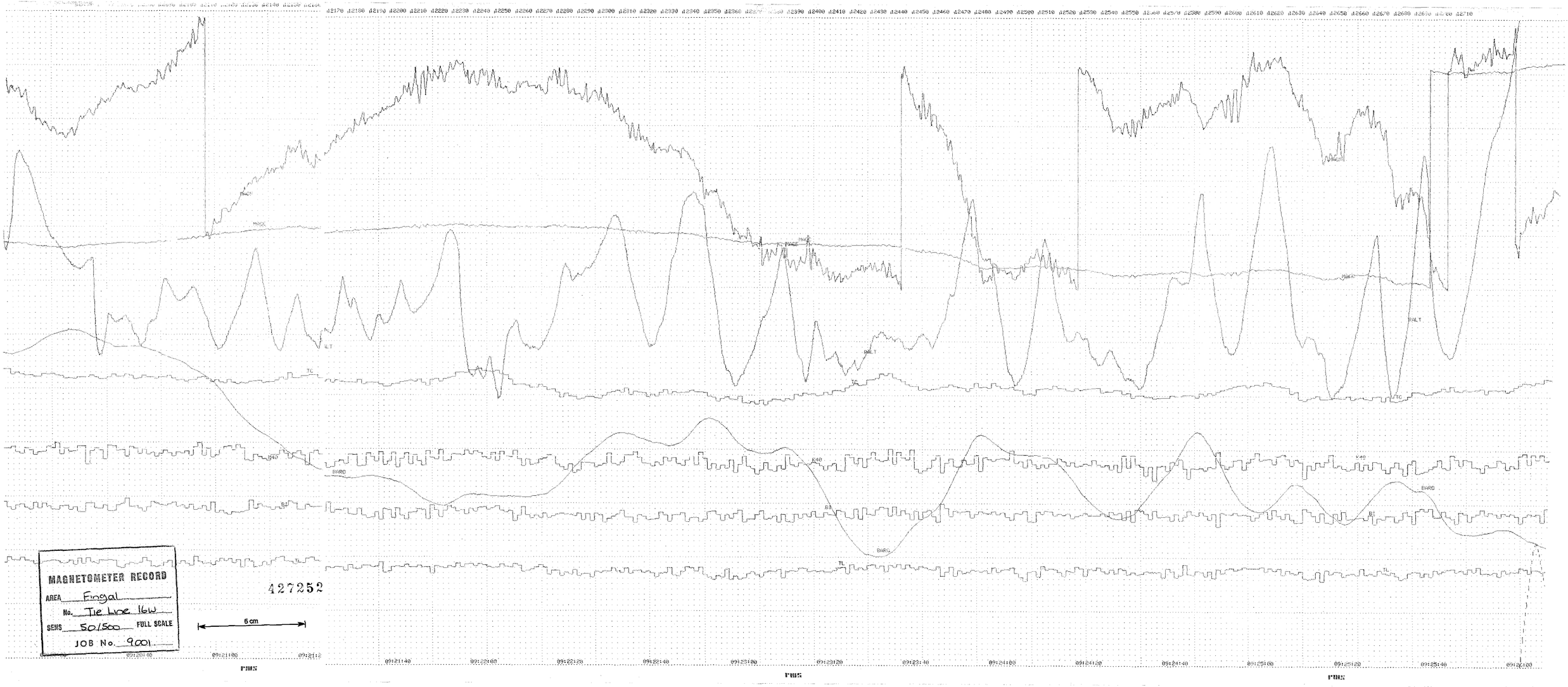
12:21:40
12:22:00
PMS


MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 16W
SENS 50/500 FULL SCALE
JOB No. 9001
427252
5 cm
MAGC
MAGE
MAGZ
ALT
TC
BARO
TL
09:21:40
09:22:00
09:22:20
09:22:40
09:23:00
09:23:20
09:23:40
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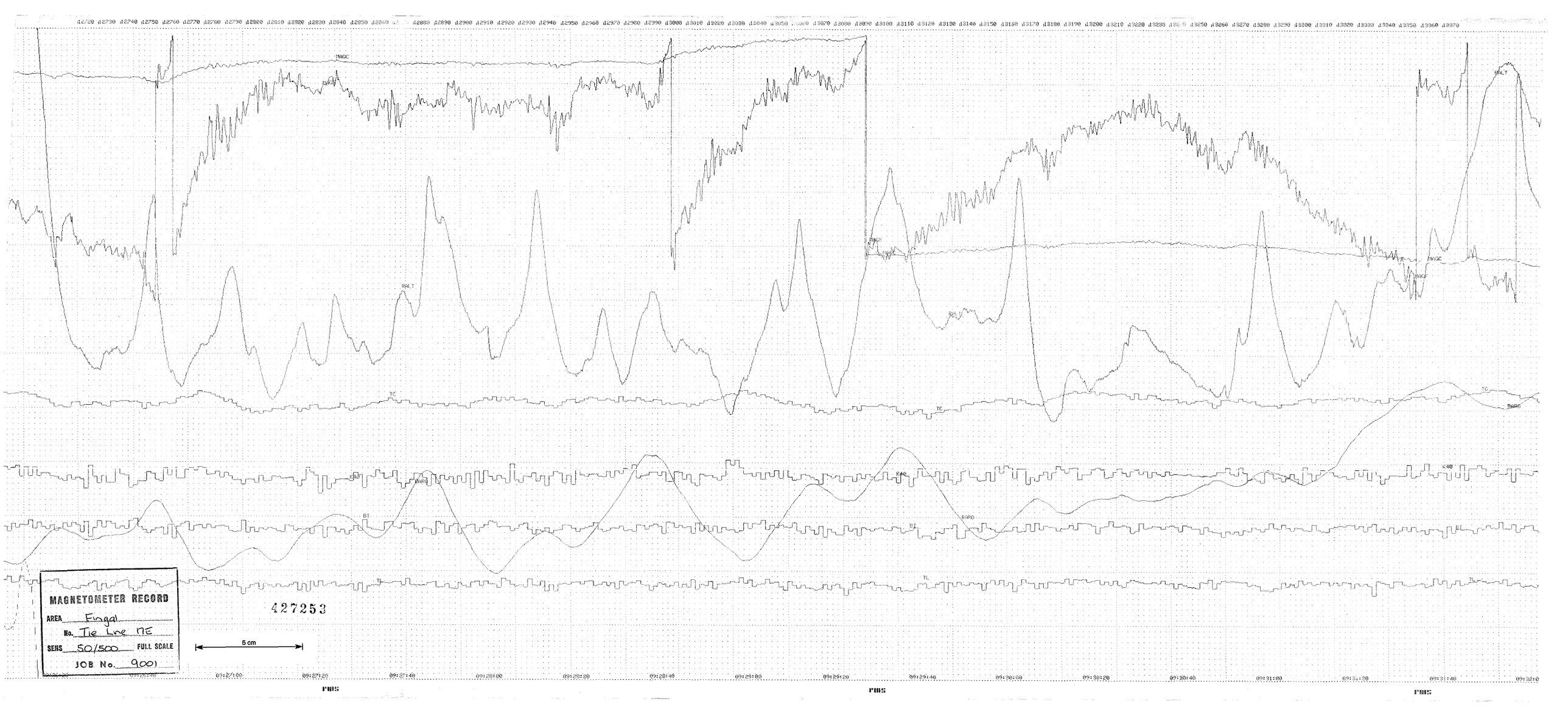
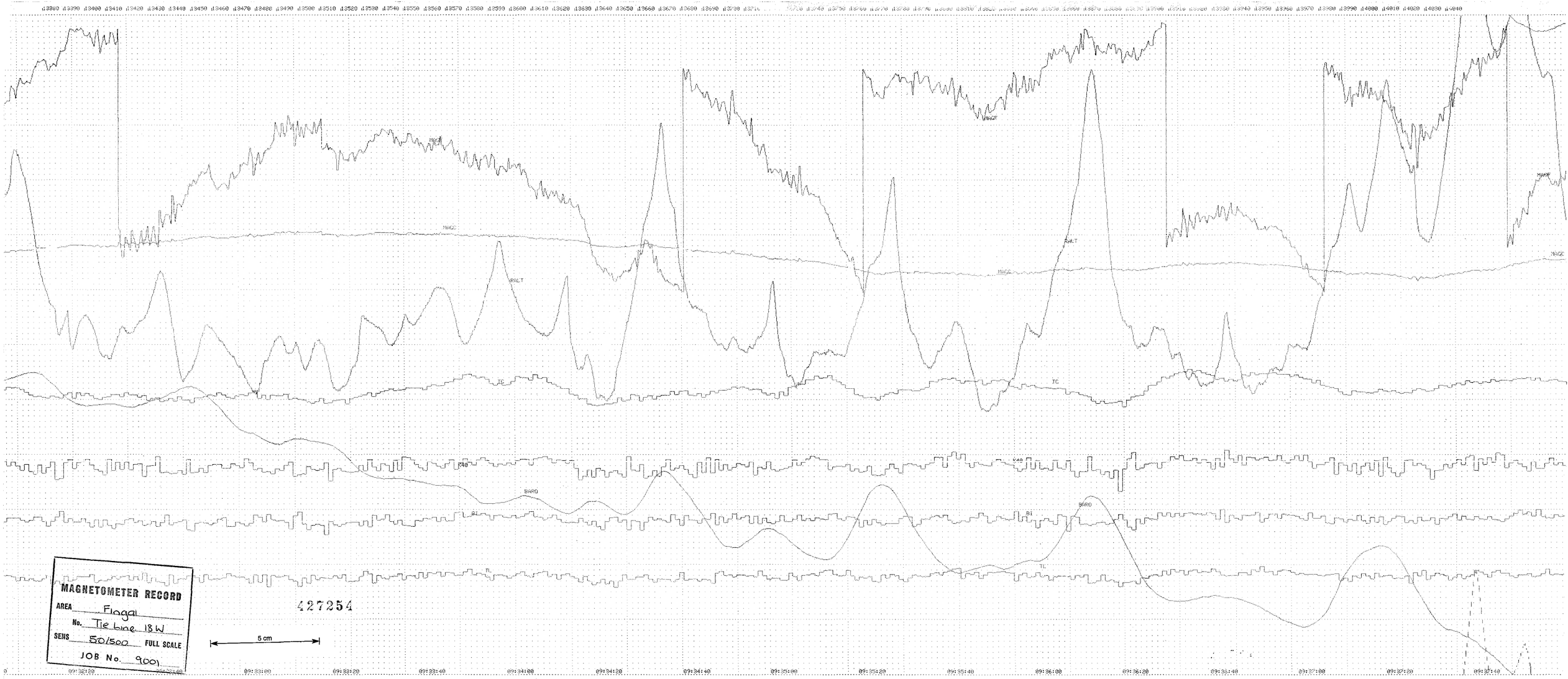
09:24:40
09:25:00
09:25:20
09:25:40
PDS


MAGC
RALT
TC
BARO
BT
TL
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line NE
SENS 50/500 FULL SCALE
JOB No. 9001
427253
5 cm


MAGNETOMETER RECORD
AREA Finga
No. Tie line 18W
SENS 50/500 FULL SCALE
JOB No. 9001
427254
5 cm
MAGF
MAGC
MALT
TC
K40
BARO
BI
TL
09:32:20
09:33:00
09:33:20
09:33:40
09:34:00
09:34:20
09:34:40
09:35:00
09:35:20
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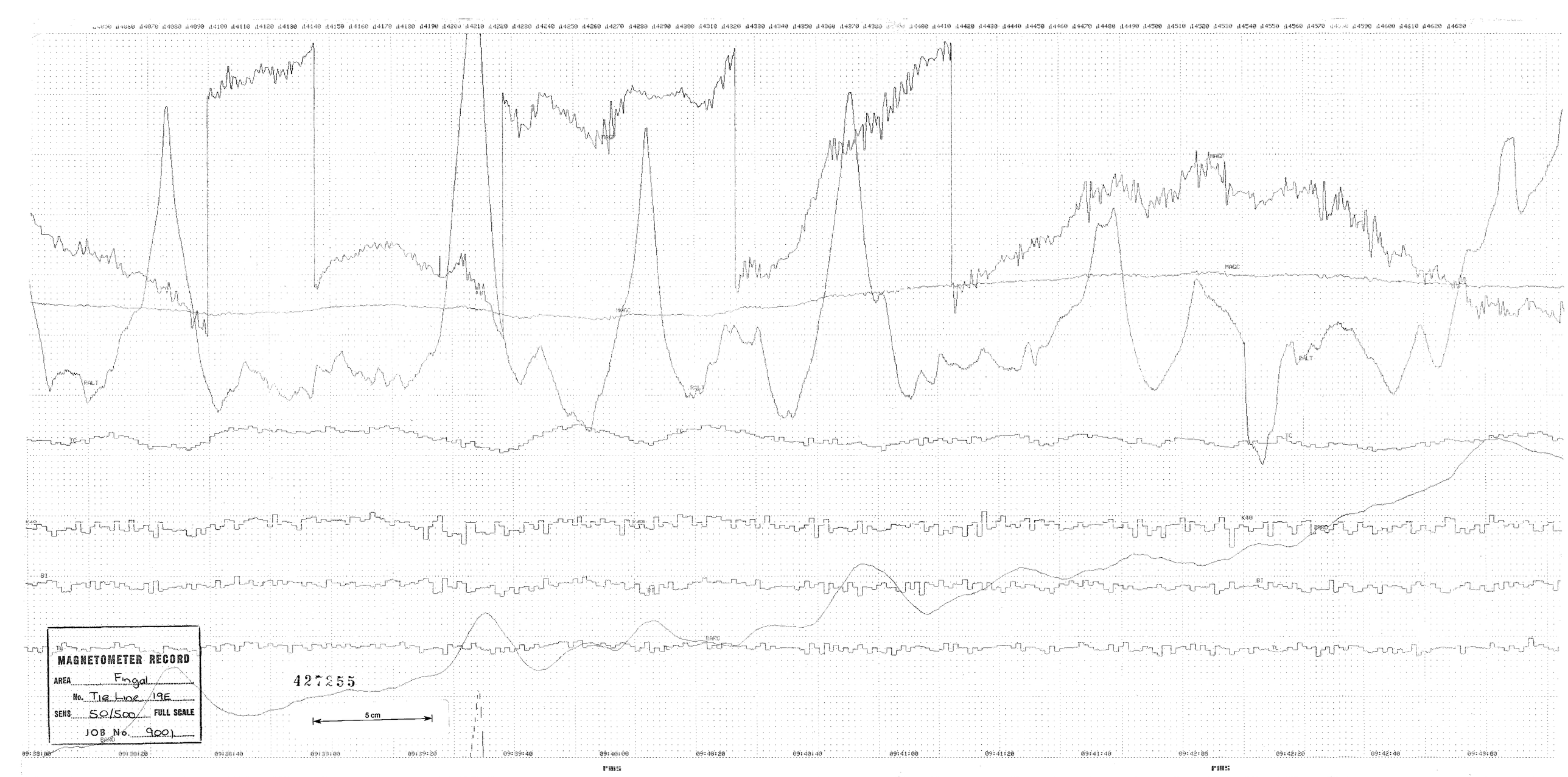
09:37:00
09:37:20
09:37:40
PDS


MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 19E
SENS 50/500 FULL SCALE
JOB No. 9001
427255
5 cm
MAGC
MAGF
PALT
TC
K40
BI
BARC
09:38:00
09:38:20
09:38:40
09:39:00
09:39:20
09:39:40
09:40:00
09:40:20
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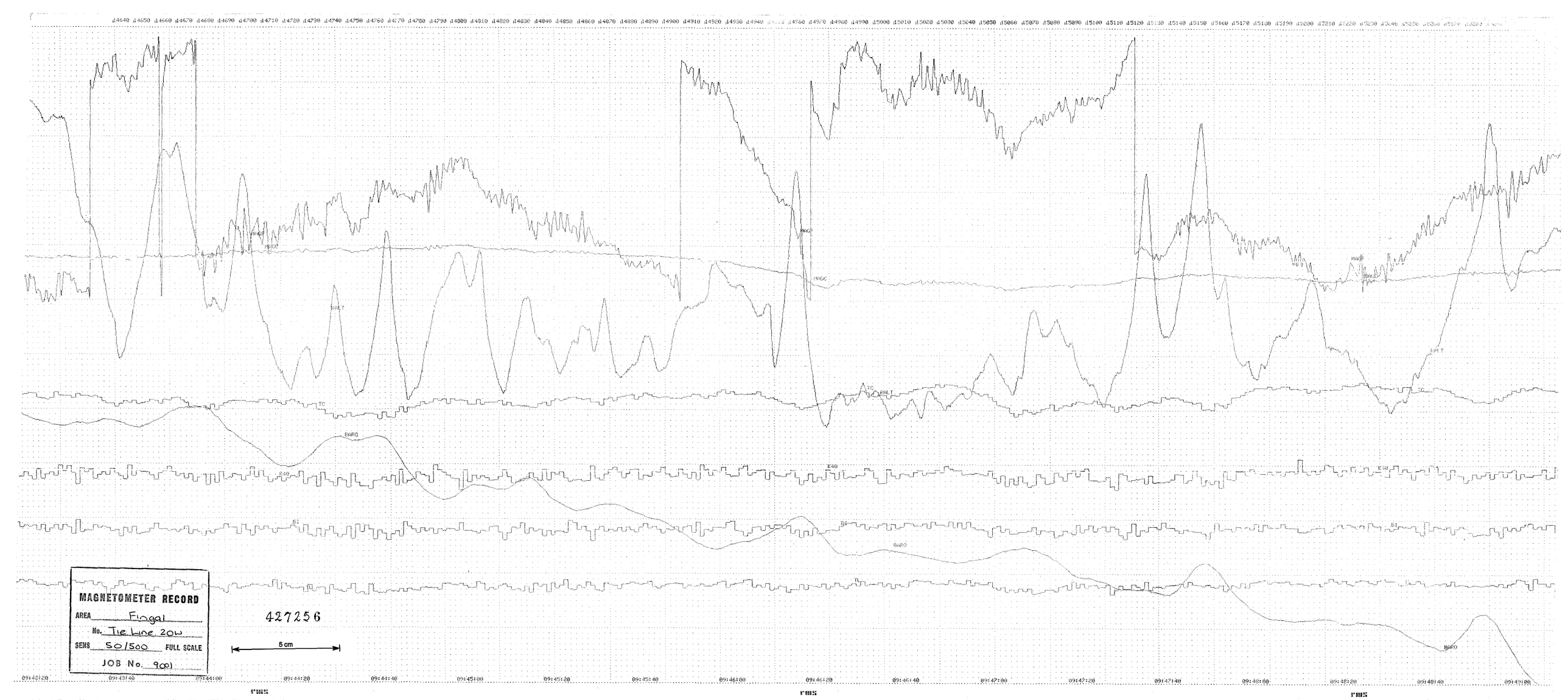
09:43:00
TIME


MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 20W
SENS 50/500 FULL SCALE
JOB No. 9001
427256
5 cm
TC
BARO
E40
E1
R
HNGC
VOLT
09:43:20
09:43:40
09:44:00
09:44:20
09:44:40
09:45:00
09:45:20
09:45:40
09:46:00
09:46:20
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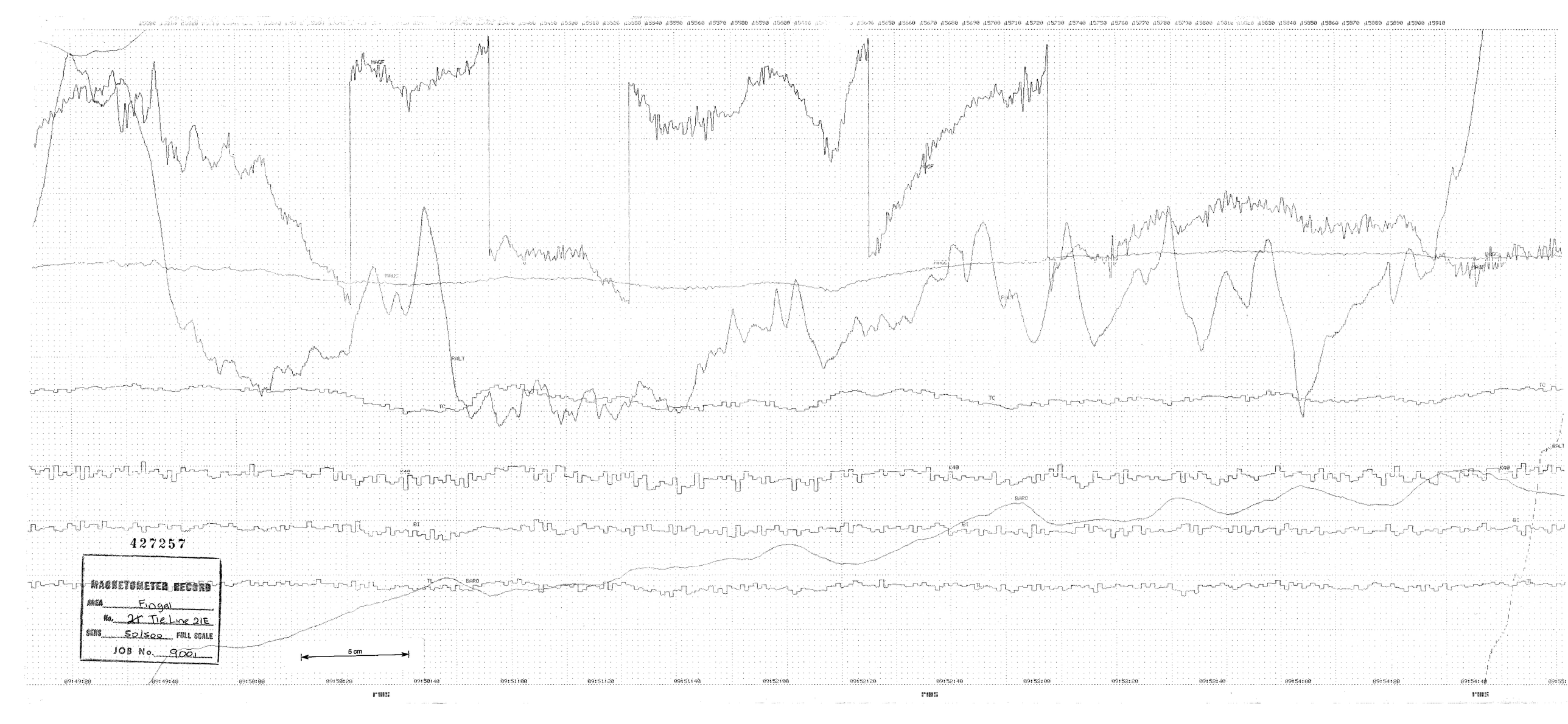
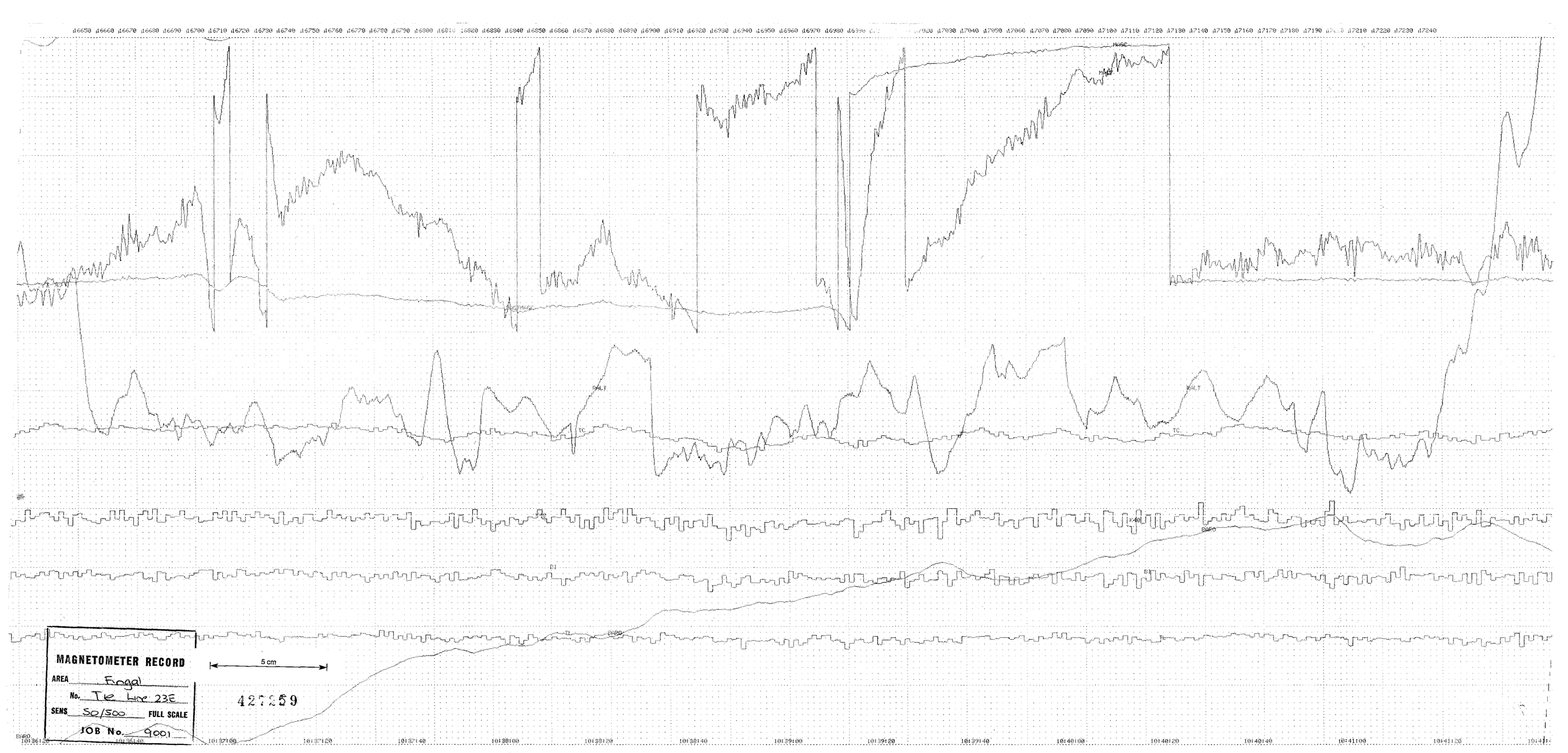
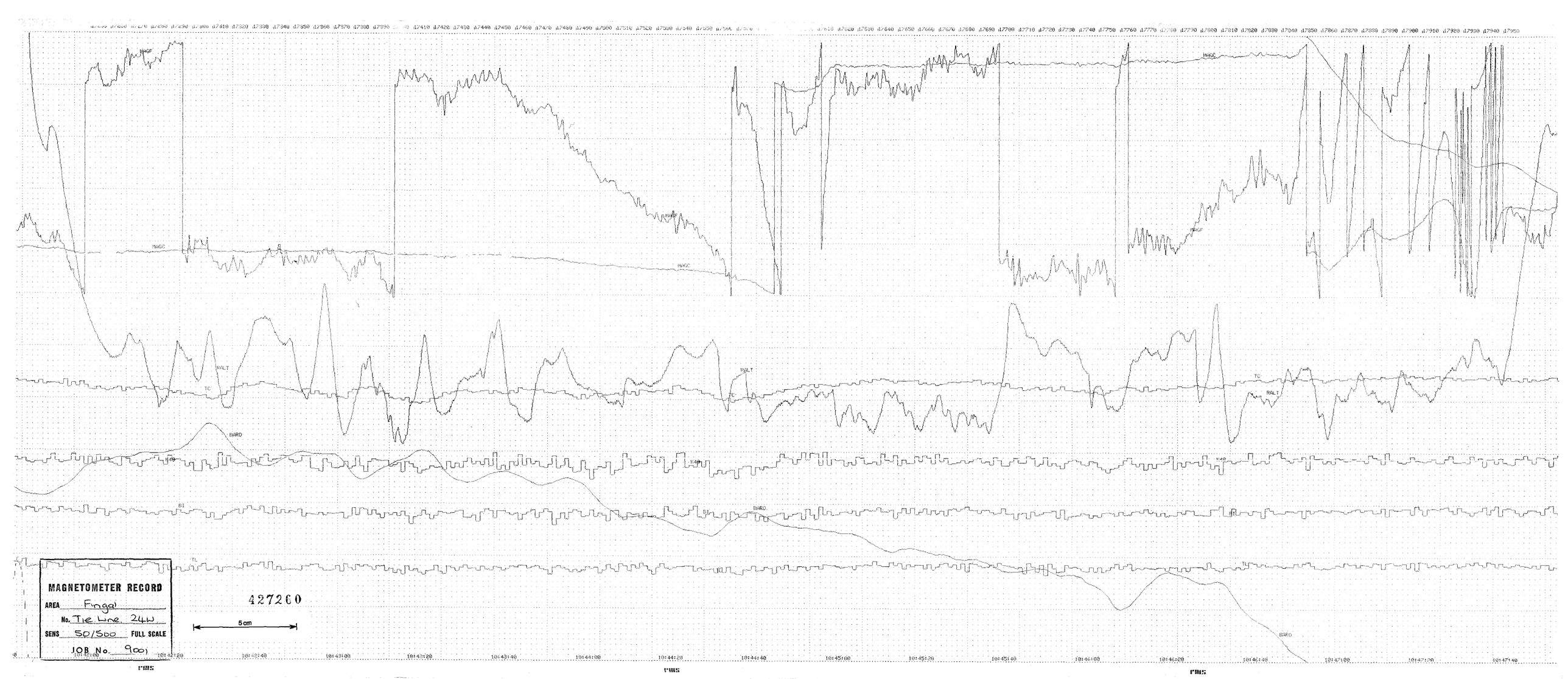
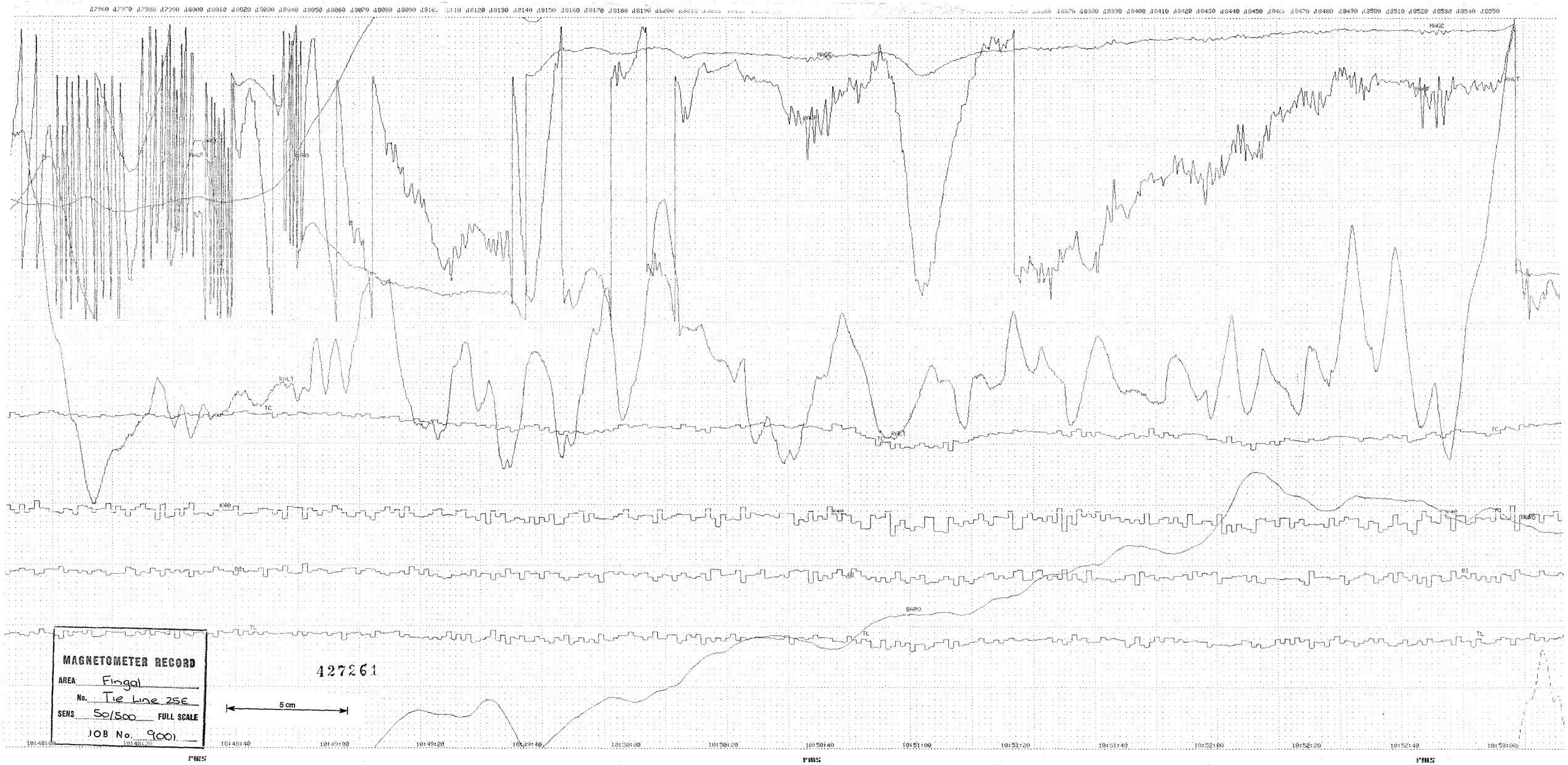
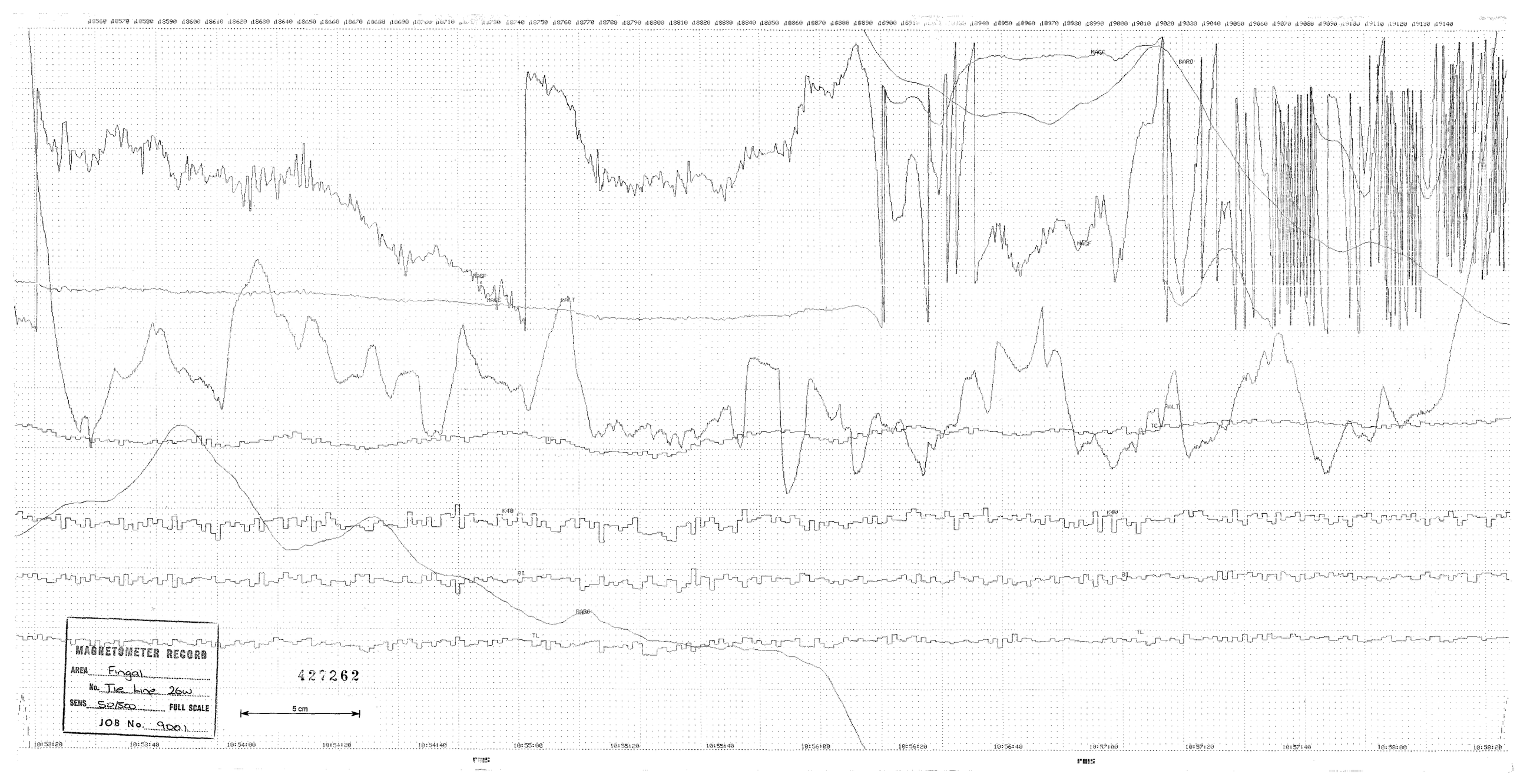
09:48:40
09:49:00
FMS

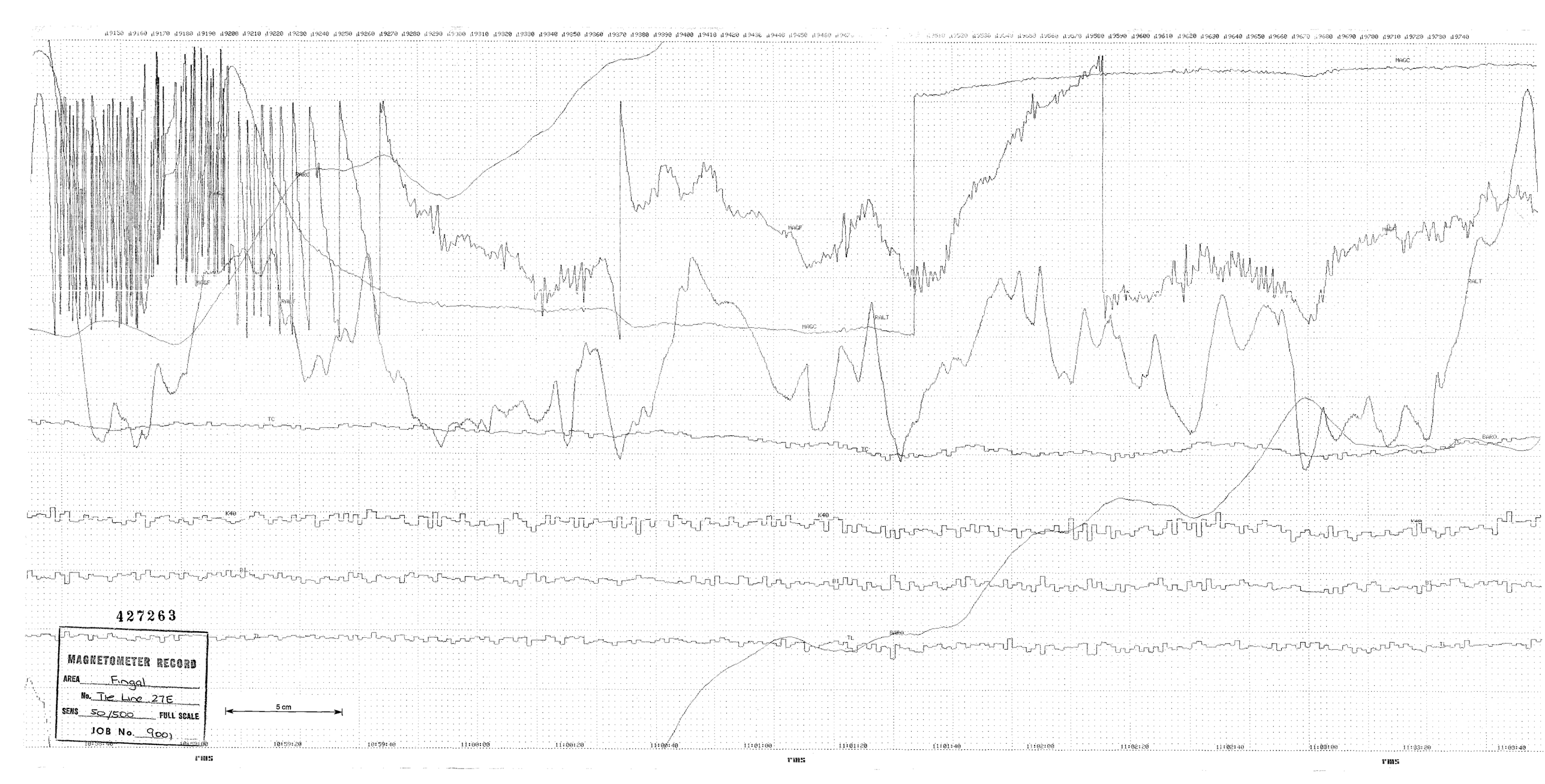

MAGF
MAGC
RALT
TC
K40
BI
BARO
TL
427257
MAGNETOMETER RECORD
AREA Fingal
No. 2K Tie Line 21E
SENS 50/500 FULL SCALE
JOB No. 9001
5 cm
09:49:20
09:49:40
09:50:00
09:50:20
09:50:40
09:51:00
09:51:20
09:51:40
09:52:00
09:52:20
09:52:40
09:53:00
09:53:20
09:53:40
09:54:00
09:54:20
09:54:40


MAGNETOMETER RECORD
AREA Fragal
No. Tie Line 23E
SENS 50/500 FULL SCALE
JOB No. 9001
5 cm
427259
MAG
MAG
SALT
TC
SALT
TC
rms
rms

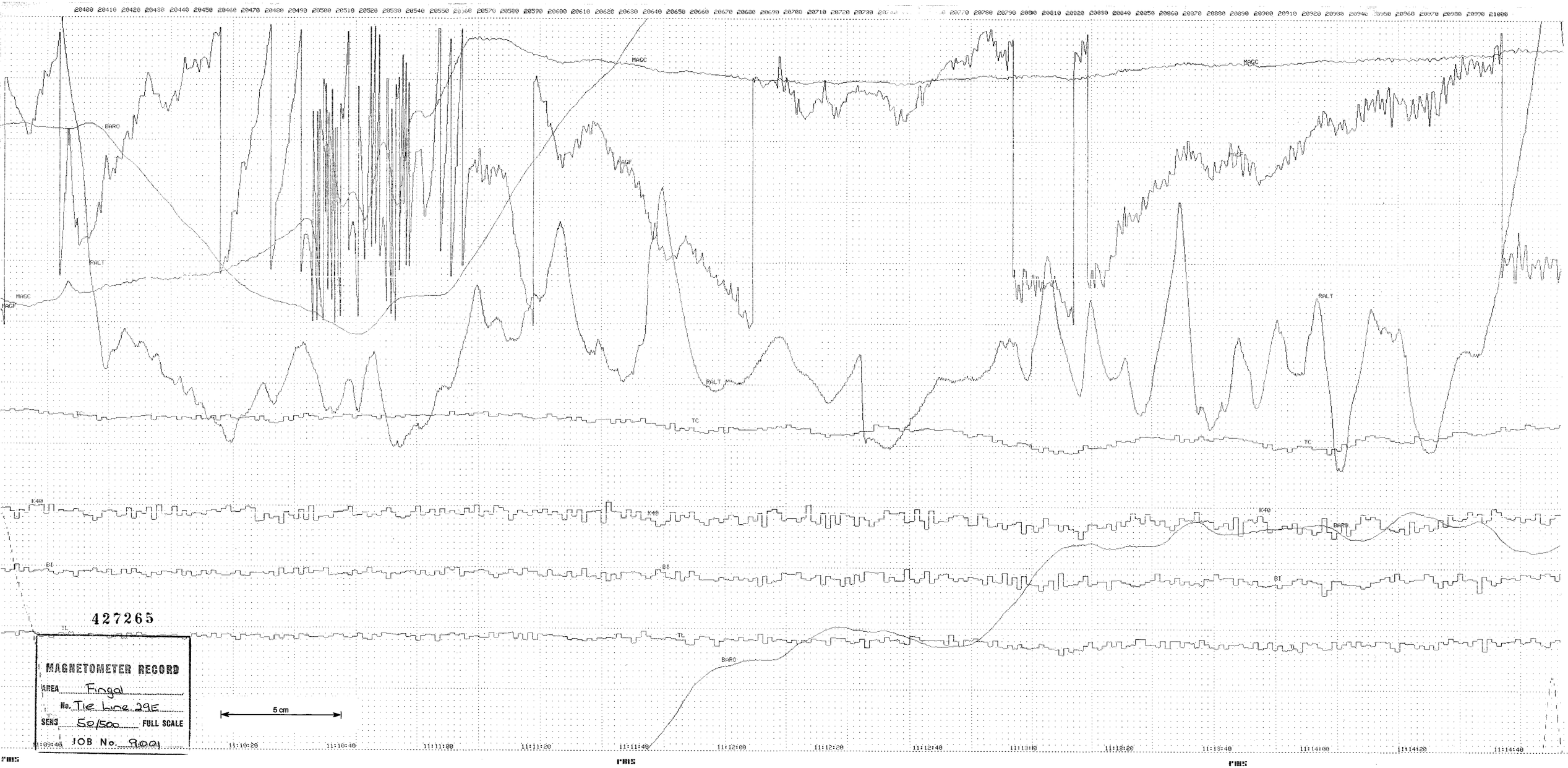

MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 24W
SENS 50/500 FULL SCALE
JOB No. 9001
427260
5cm
MAGF
MAGC
RALT
TC
BARO
BI
TL
10:42:00
10:42:20
10:42:40
10:43:00
10:43:20
10:43:40
10:44:00
10:44:20
10:44:40
10:45:00
10:45:20
10:45:40
10:46:00
10:46:20
10:46:40
10:47:00
10:47:20
10:47:40
mins

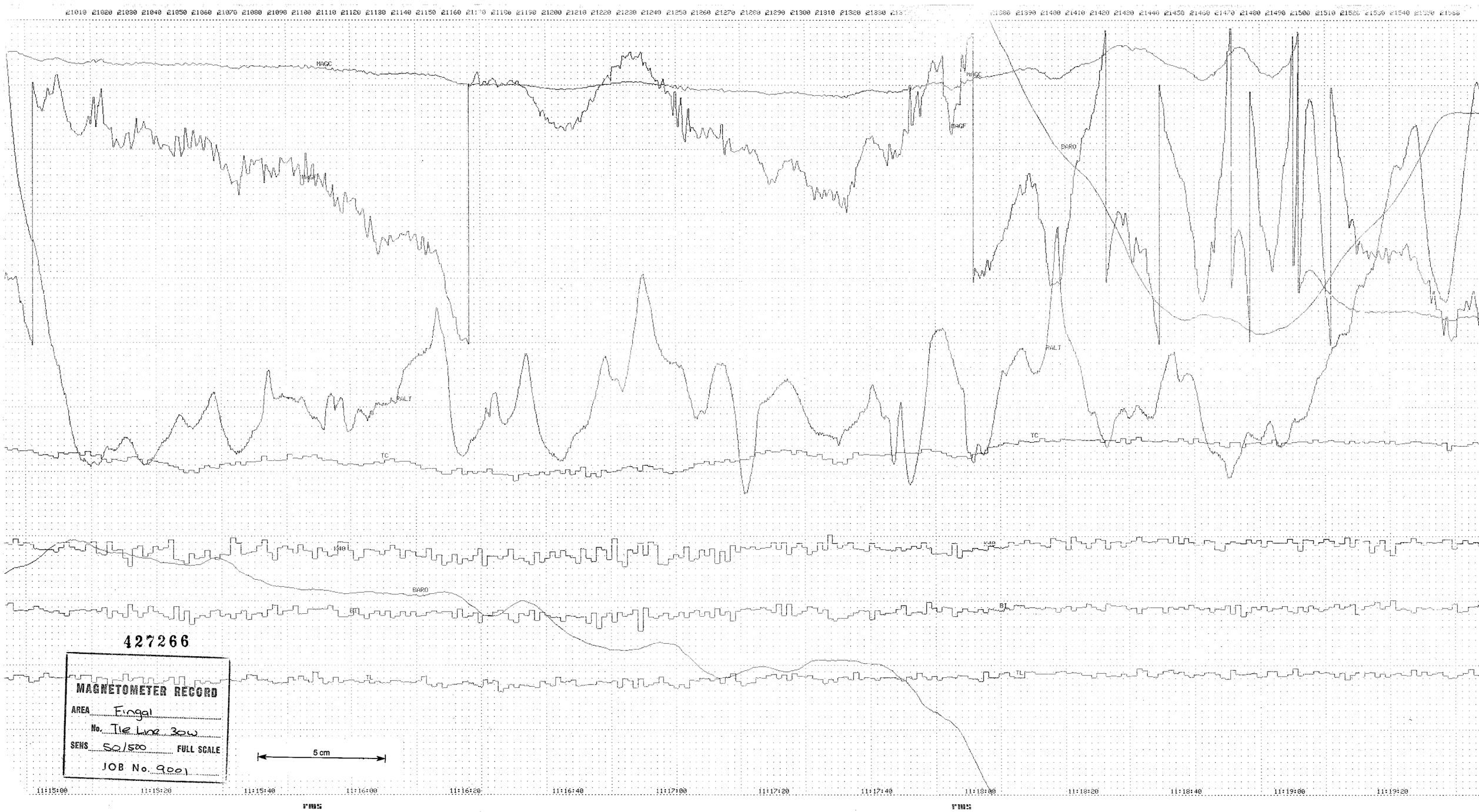

MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 25E
SENS 50/500 FULL SCALE
JOB No. 9001
427261
5 cm
MAGC
RALT
TC
K40
BI
TL
BARO
10:48:00
10:48:40
10:49:00
10:49:20
10:49:40
10:50:00
10:50:20
10:50:40
10:51:00
10:51:20
10:51:40
10:52:00
10:52:20
10:52:40
10:53:00
rms


MAGNETOMETER RECORD
AREA Fingal
No. Tie line 26w
SENS 50/500 FULL SCALE
JOB No. 9001
427262
5 cm
MAGF
BARO
PHLT
K40
BT
TL
10:53:20
10:53:40
10:54:00
10:54:20
10:54:40
10:55:00
10:55:20
10:55:40
10:56:00
10:56:20
10:56:40
10:57:00
10:57:20
10:57:40
10:58:00
10:58:20


427263
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 27E
SENS 50/500 FULL SCALE
JOB No. 9001
5 cm
MAGC
MAGF
BARO
RALT
TC
K40
Bi
TL
10:59:40
11:00:00
11:00:20
11:00:40
11:01:00
11:01:20
11:01:40
11:02:00
11:02:20
11:02:40
11:03:00
11:03:20
11:03:40
FMS

427264
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 28W
SENS 50/500 FULL SCALE
JOB No. 9001
5 cm
MAGC
MAGF
BARO
TC
RALT
11:04:00
11:04:20
11:04:40
11:05:00
11:05:20
11:05:40
11:06:00
11:06:20
11:06:40
11:07:00
11:07:20
11:07:40
11:08:00
11:08:20
11:08:40
11:09:00
11:09:20
PDS


MAGC
BARO
RALT
MAGF
TC
K40
BI
TL
427265
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 29E
SENS 50/500 FULL SCALE
JOB No. 9001
5 cm
11:09:40
11:10:20
11:10:40
11:11:00
11:11:20
11:11:40
11:12:00
11:12:20
11:12:40
11:13:00
11:13:20
11:13:40
11:14:00
11:14:20
11:14:40



427266

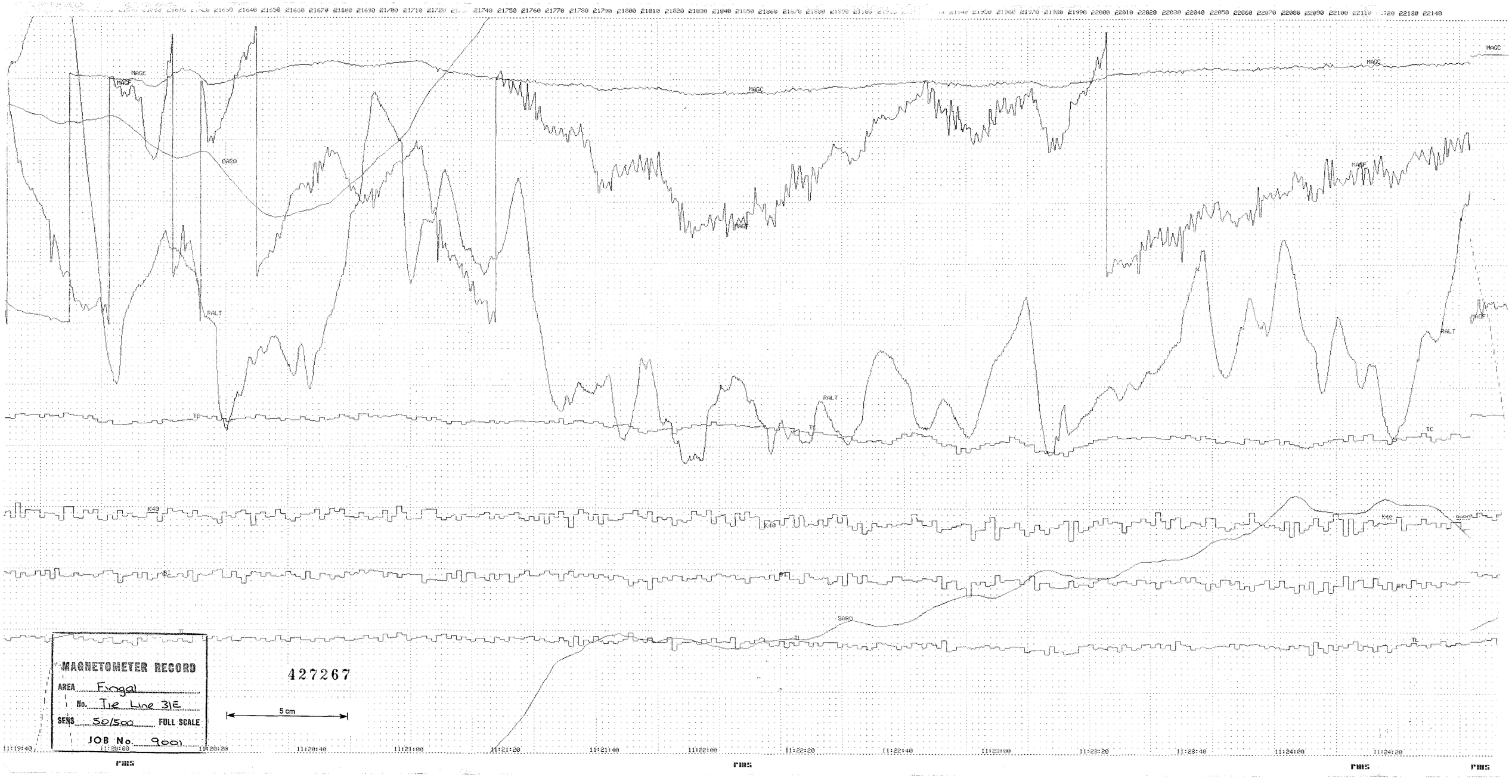
MAGNETOMETER RECORD

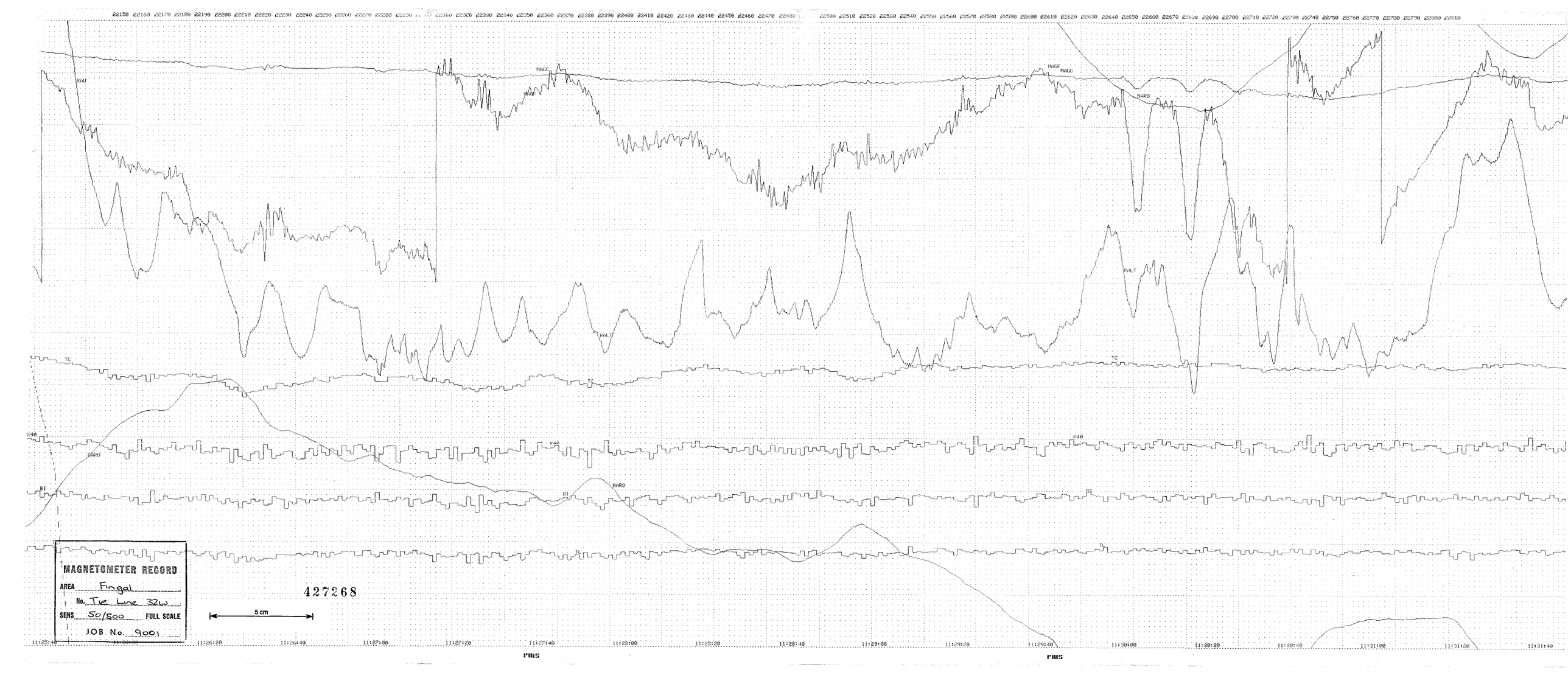
AREA Fingal

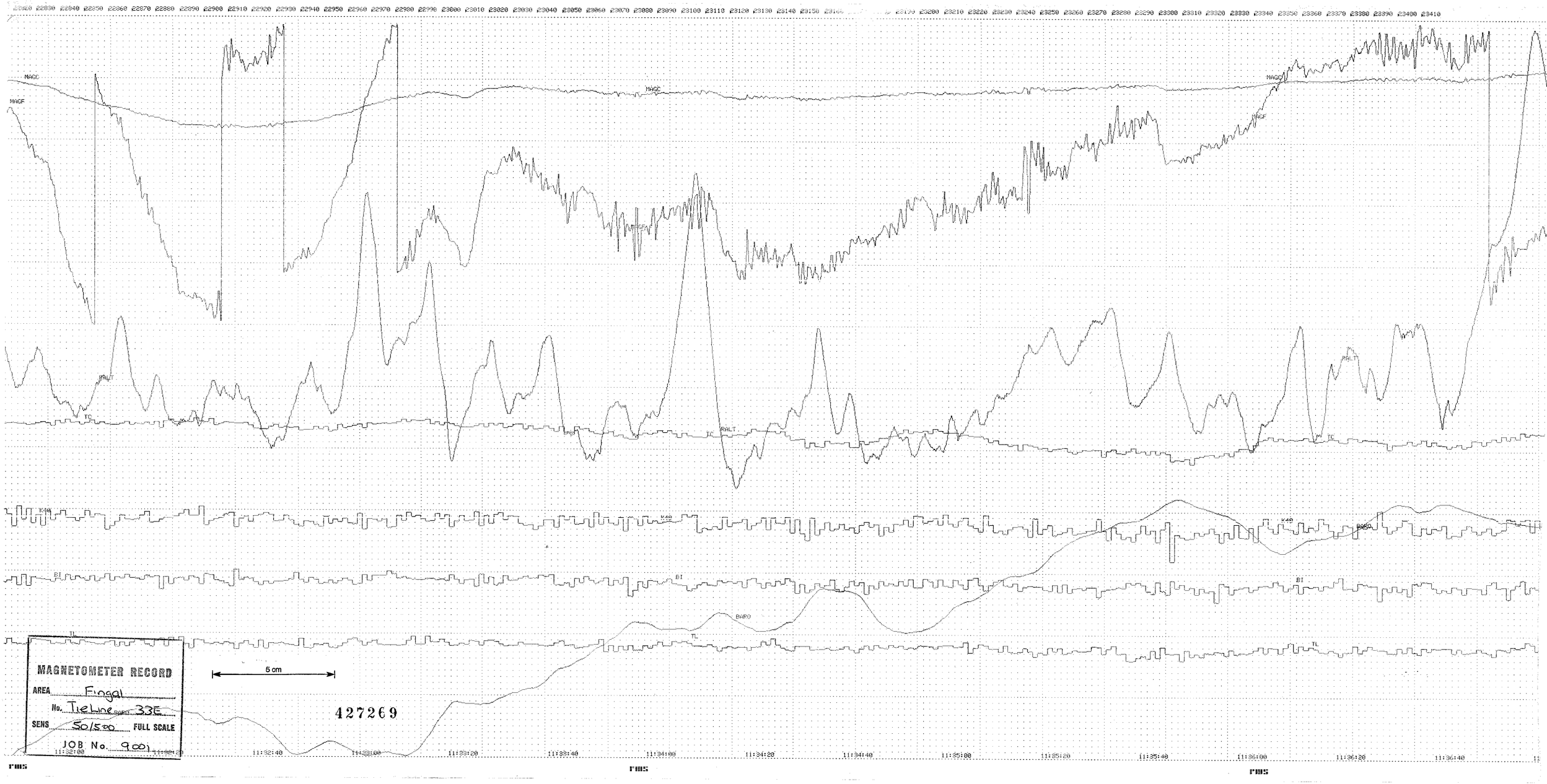
No. Tie Line 30W

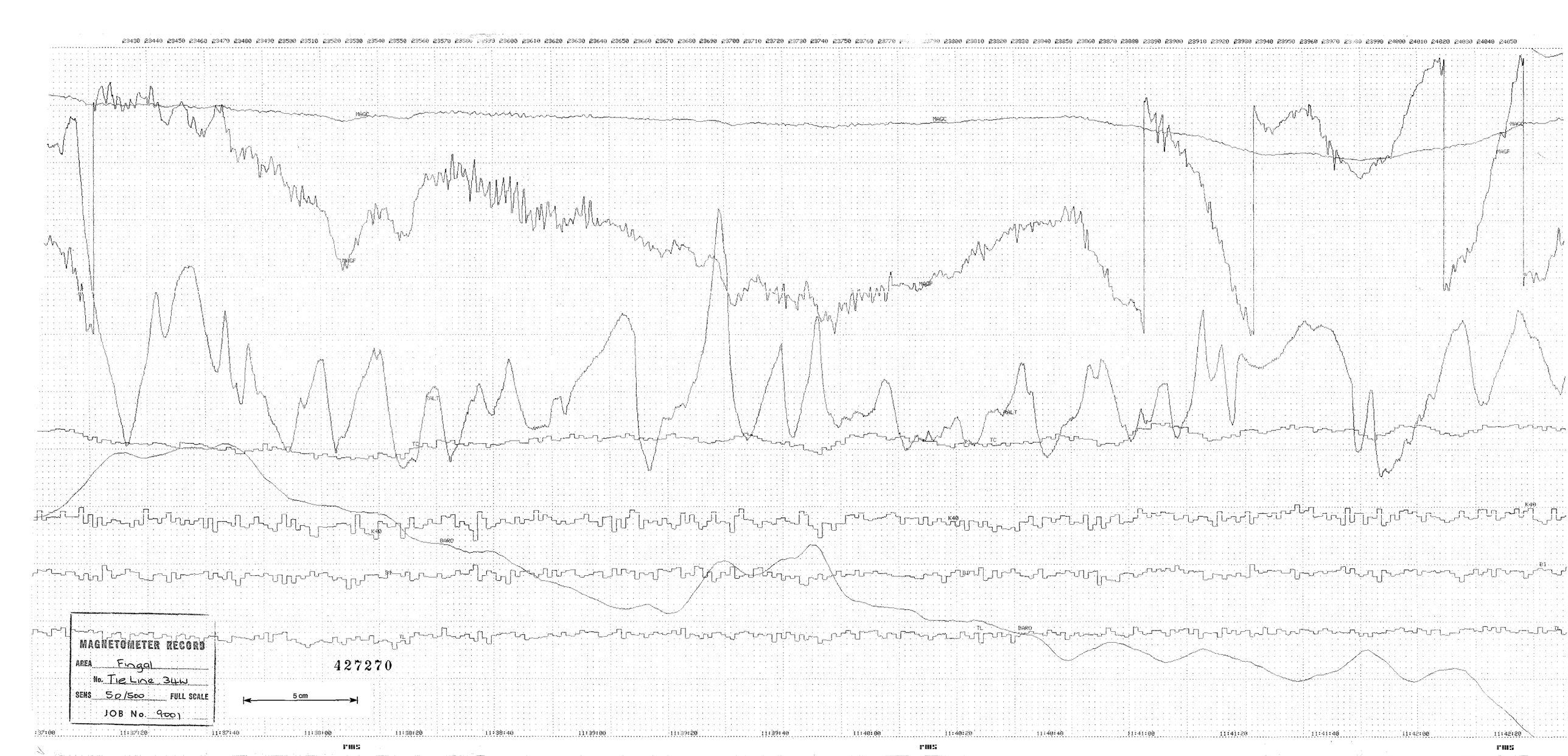
SENS 50/500 FULL SCALE

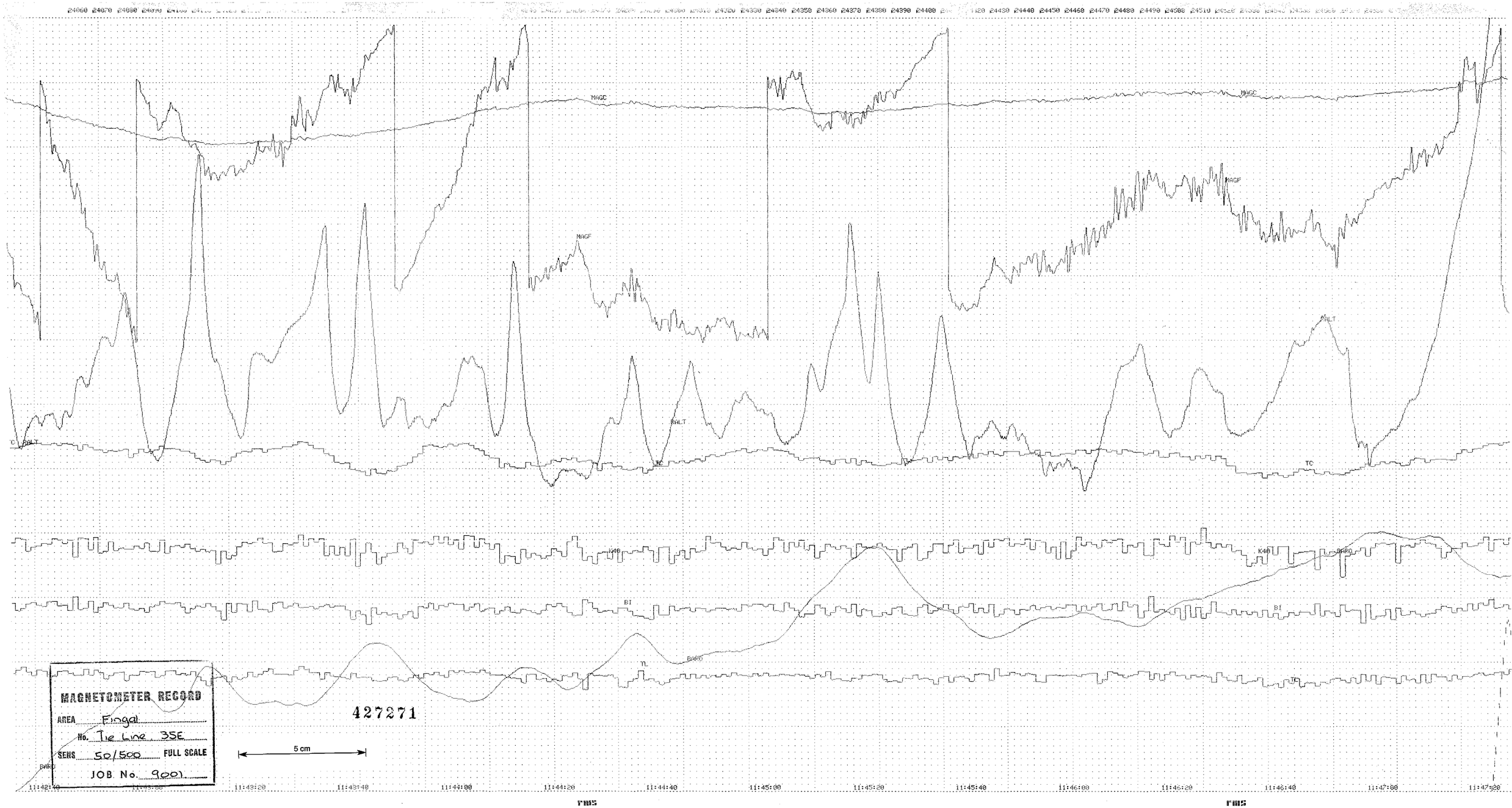
JOB No. 9001

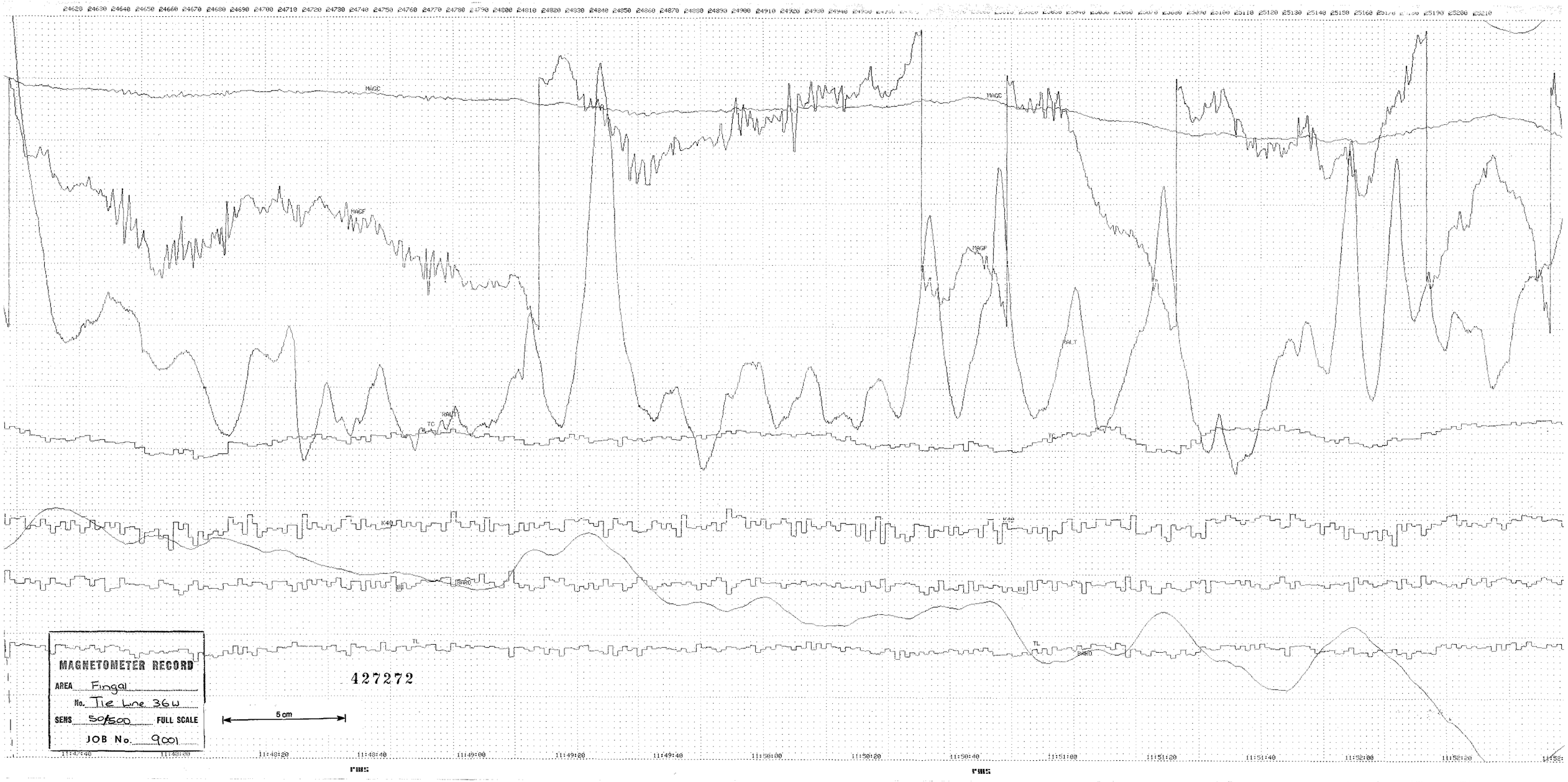

MAGC
MAGF
BARO
RALT
TC
K49
BARO
11:19:40
11:20:00
11:20:20
11:20:40
11:21:00
11:21:20
11:21:40
11:22:00
11:22:20
11:22:40
11:23:00
11:23:20
11:23:40
11:24:00
11:24:20
MAGNETOMETER RECORD
AREA Fogal
No. Tie Line 31E
SENS 50/500 FULL SCALE
JOB No. 9001
427267
5 cm
PMS

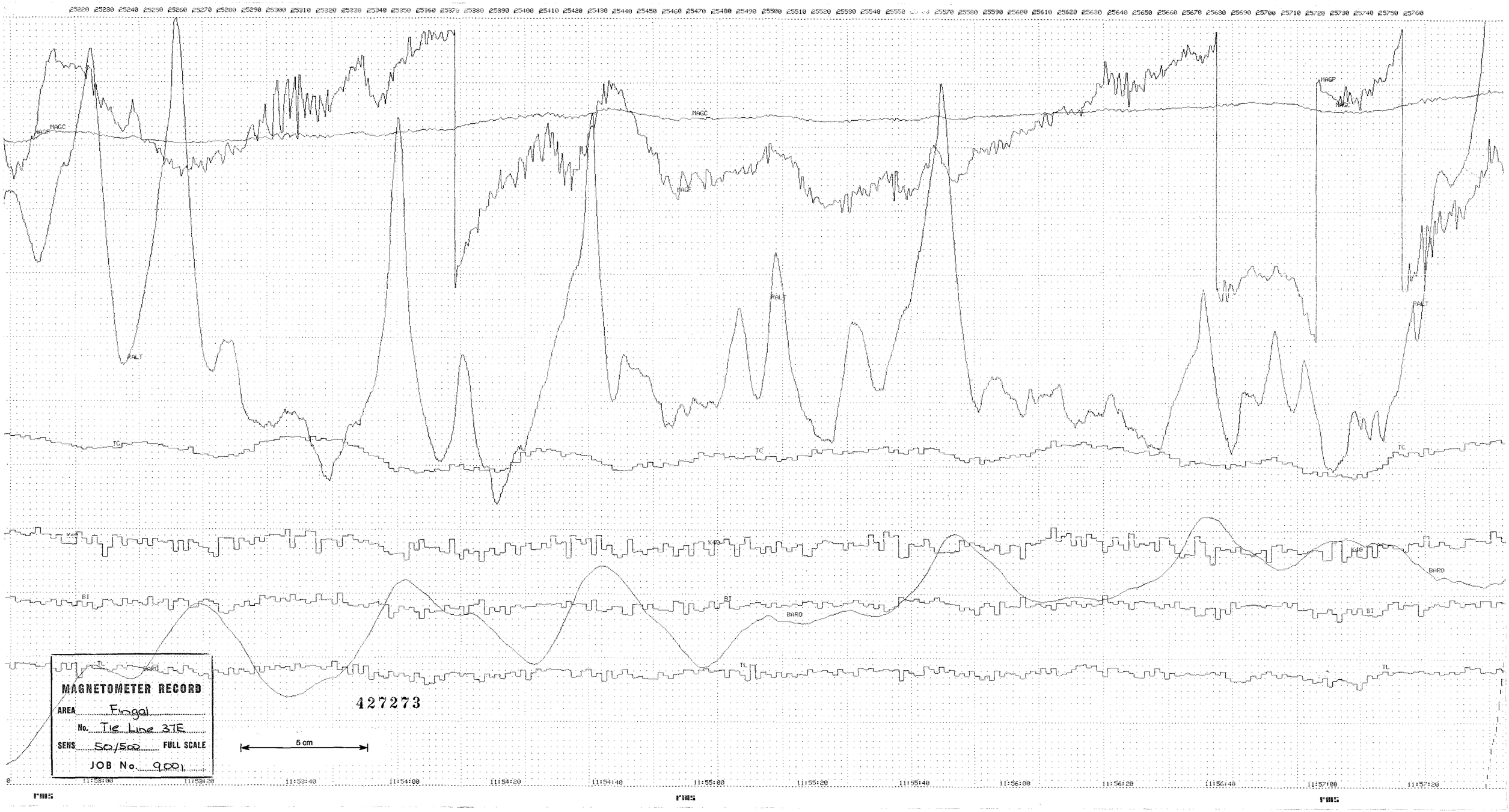

MAGNETOMETER RECORD
AREA Fingal
No. Ire Line 32W
SENS 50/500 FULL SCALE
JOB No. 9001
427268
5 cm
RALT
MAGC
MAGF
BARO
TC
K40
BI
TI
RMS

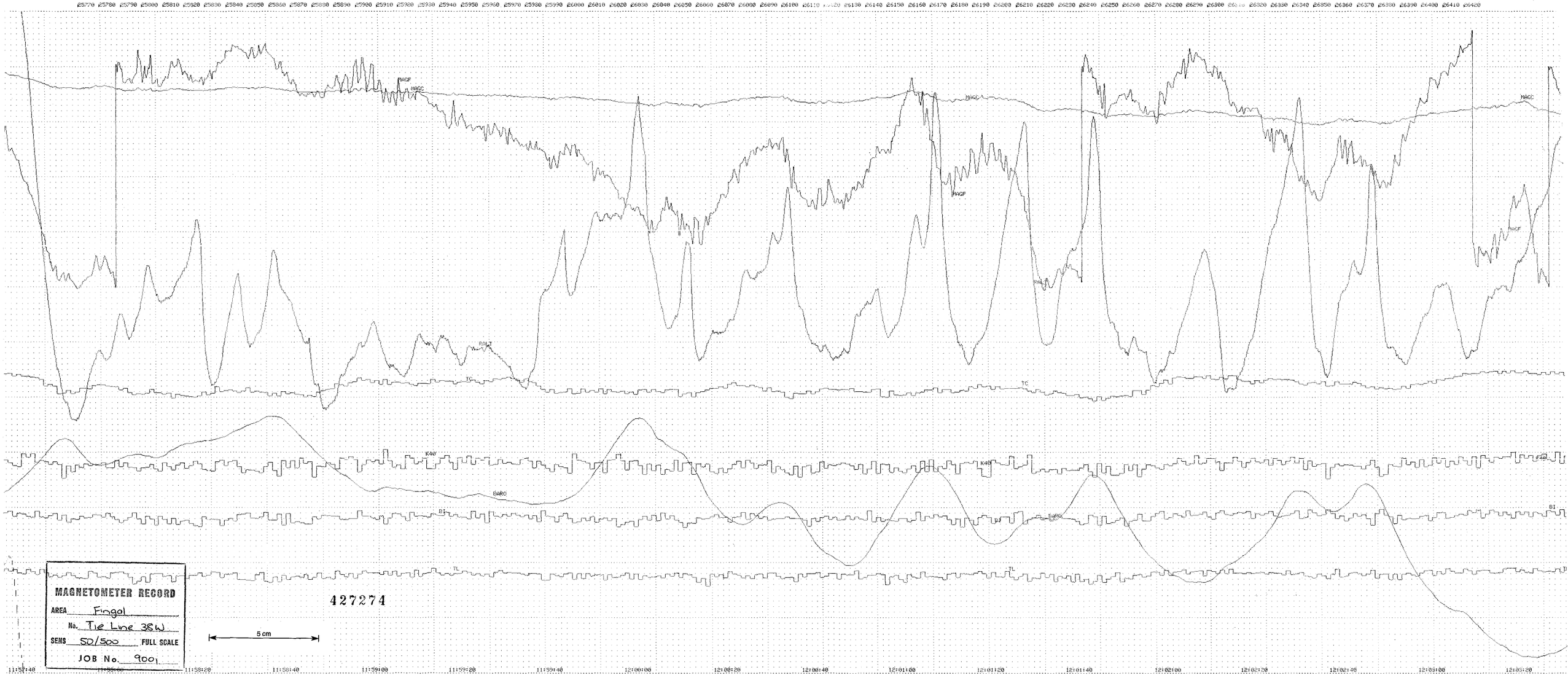

MAGC
MAGF
RALT
TC
K40
BI
BARO
TL
MAGNETOMETER RECORD
AREA Fingal
No. TieLine 33E
SENS 50/500 FULL SCALE
JOB No. 900
5 cm
427269
11:32:00
11:32:20
11:32:40
11:33:00
11:33:20
11:33:40
11:34:00
11:34:20
11:34:40
11:35:00
11:35:20
11:35:40
11:36:00
11:36:20
11:36:40
FMS

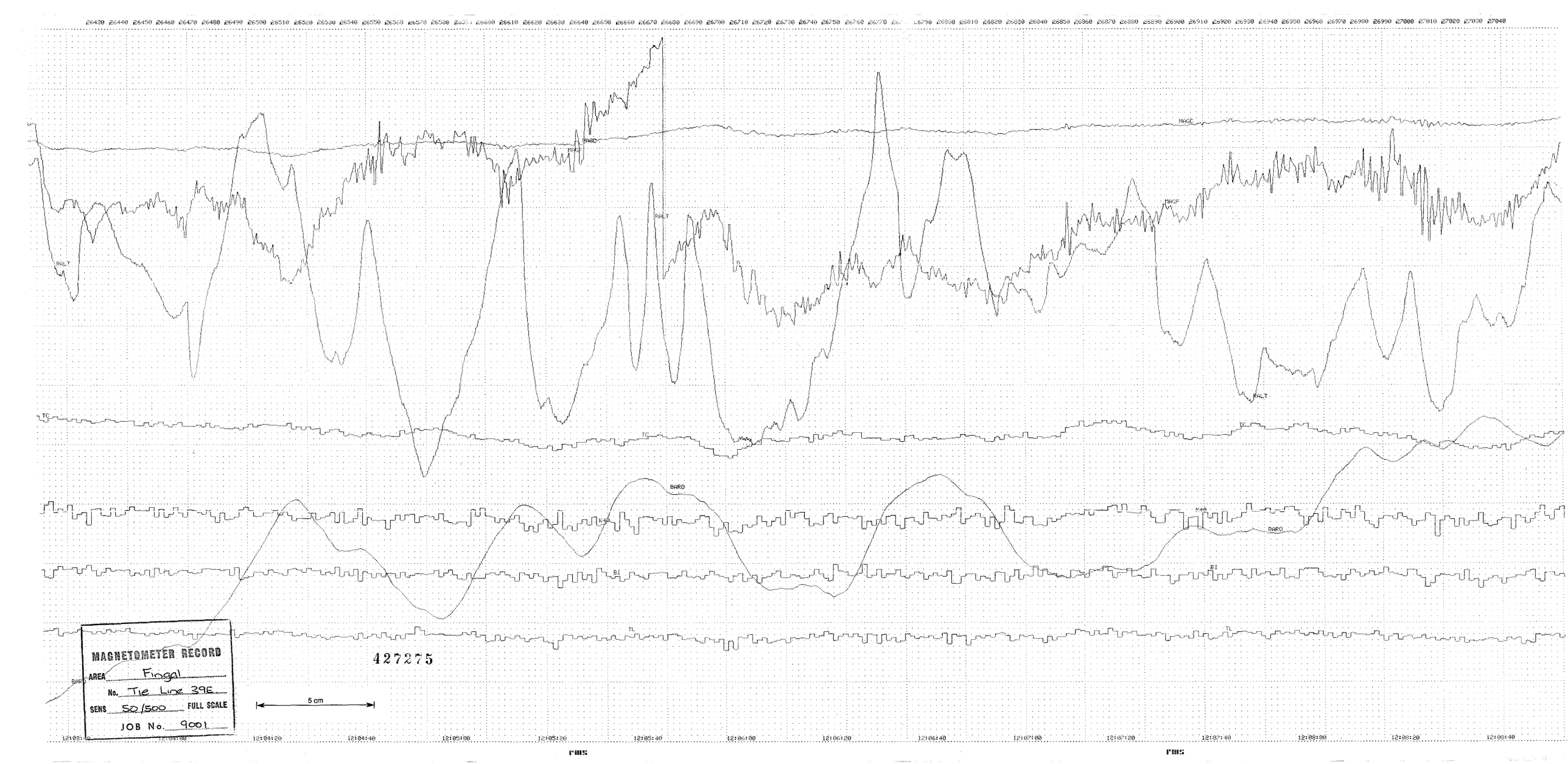

MAGC
MAGF
RALT
TC
K40
BARO
TL
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 34W
SENS 50/500 FULL SCALE
JOB No. 9001
427270
5 cm
11:37:00
11:37:20
11:37:40
11:38:00
11:38:20
11:38:40
11:39:00
11:39:20
11:39:40
11:40:00
11:40:20
11:40:40
11:41:00
11:41:20
11:41:40
11:42:00
11:42:20
rms

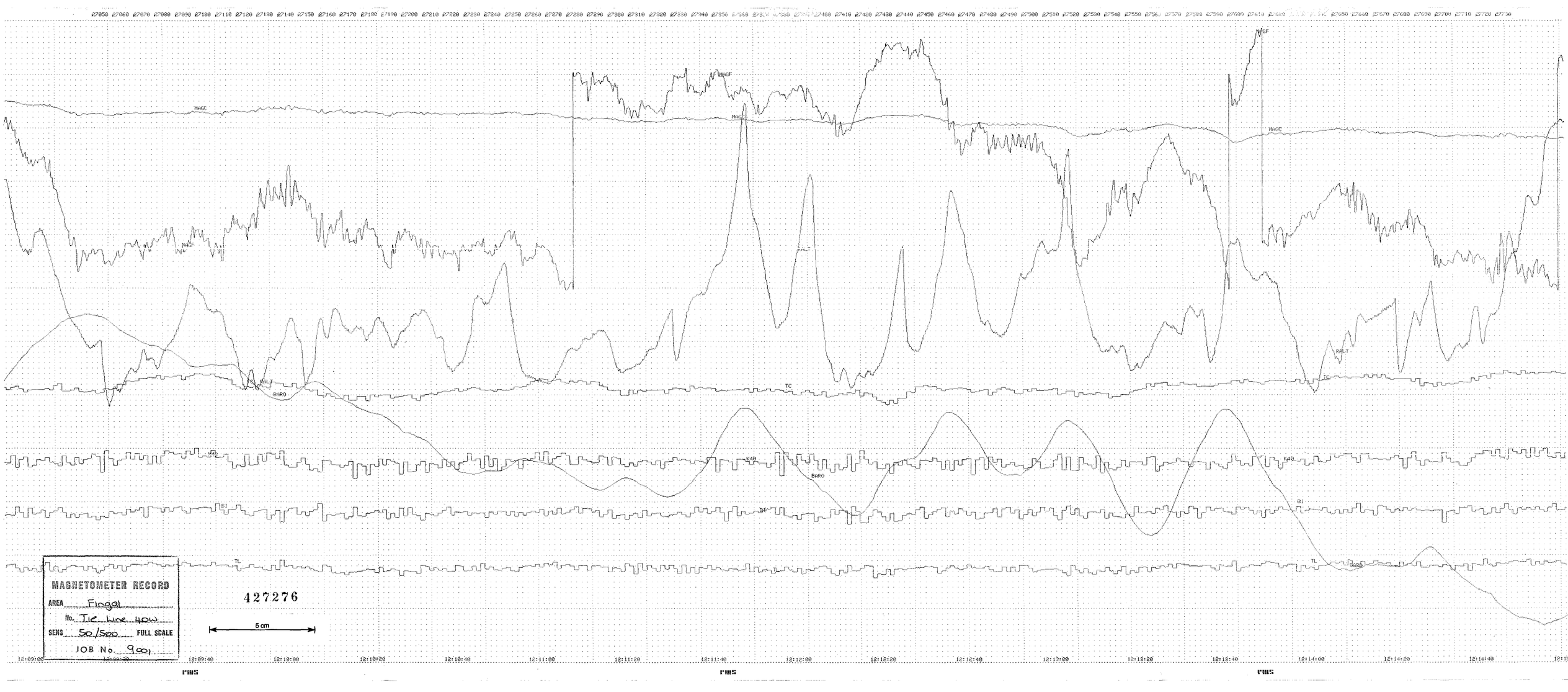

MAGC
MAGF
KALT
TC
K40
BI
BARO
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 35E
SENS 50/500 FULL SCALE
JOB No. 9001
427271
5 cm
11:42:40
11:43:00
11:43:20
11:43:40
11:44:00
11:44:20
11:44:40
11:45:00
11:45:20
11:45:40
11:46:00
11:46:20
11:46:40
11:47:00
11:47:20
PMS

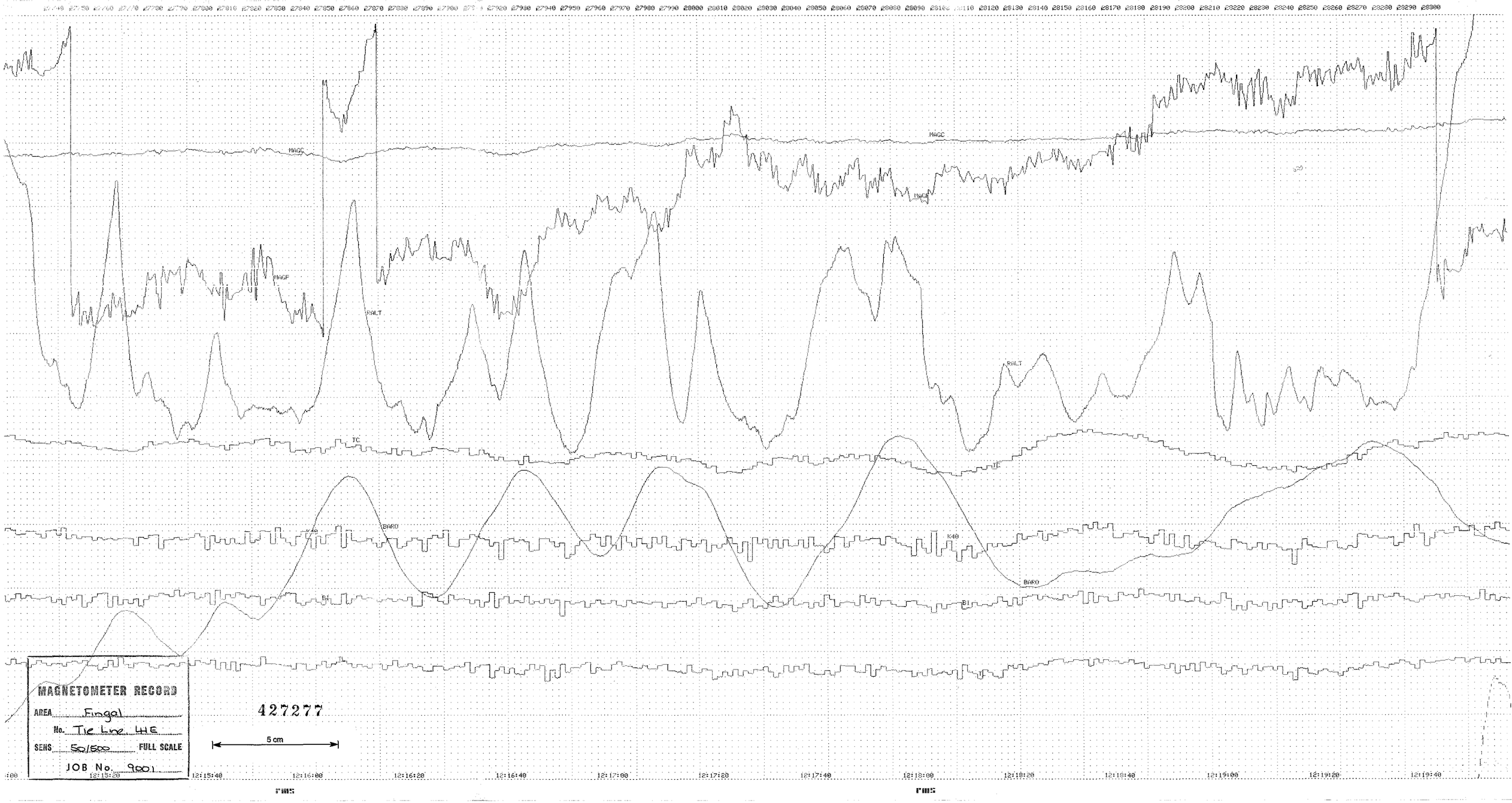

MAGC
MAGF
RALT
TC
TL
K40
BI
BARO
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 36W
SENS 50/500 FULL SCALE
JOB No. 9001
427272
5 cm
11:47:40
11:48:00
11:48:20
11:48:40
11:49:00
11:49:20
11:49:40
11:50:00
11:50:20
11:50:40
11:51:00
11:51:20
11:51:40
11:52:00
11:52:20
FMS

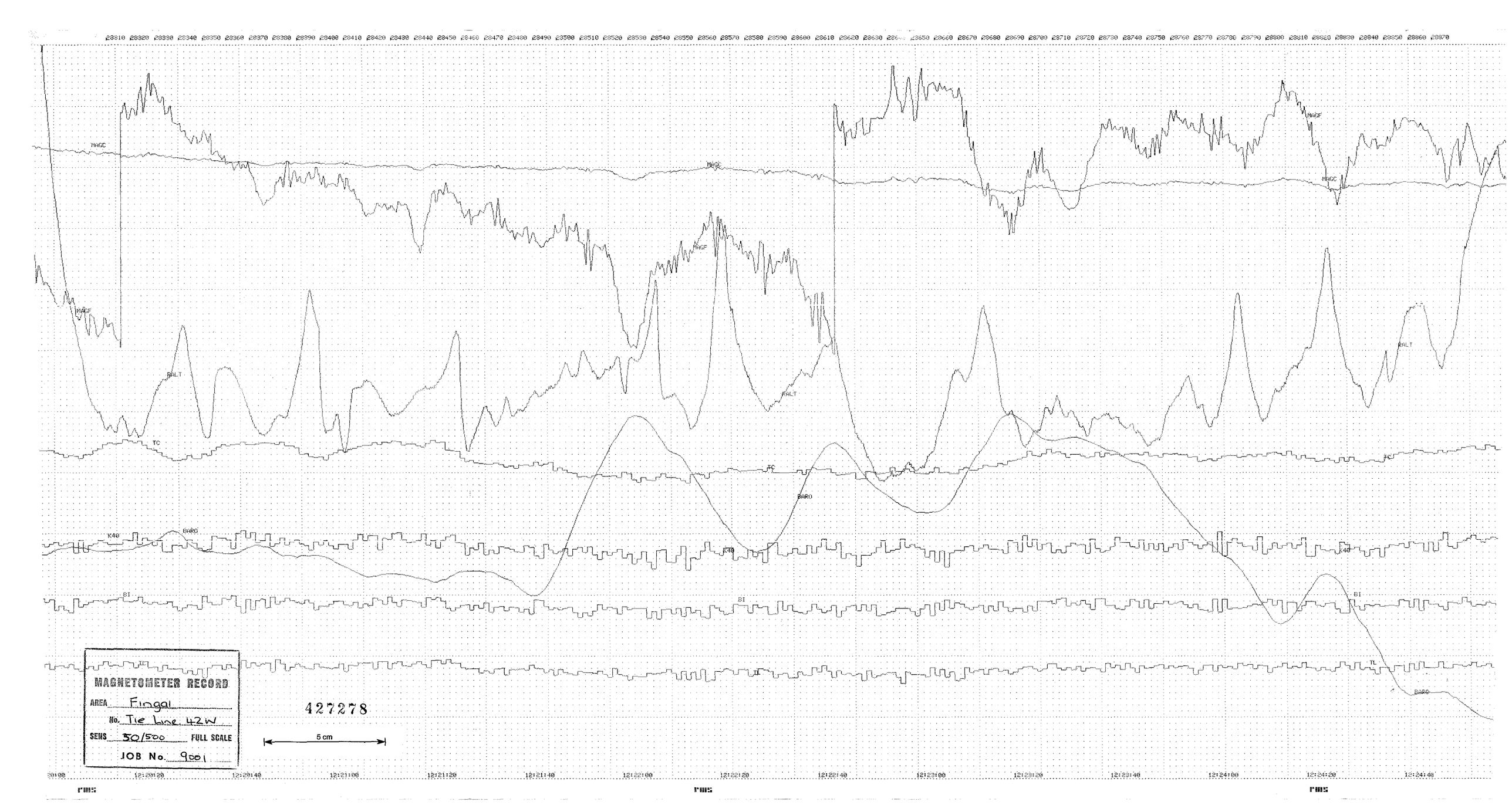

MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 37E
SENS 50/500 FULL SCALE
JOB No. 9001
427273
5 cm
MAGC
MAGF
RALT
TC
KAS
BI
BARO
TL
11:53:00
11:53:20
11:53:40
11:54:00
11:54:20
11:54:40
11:55:00
11:55:20
11:55:40
11:56:00
11:56:20
11:56:40
11:57:00
11:57:20

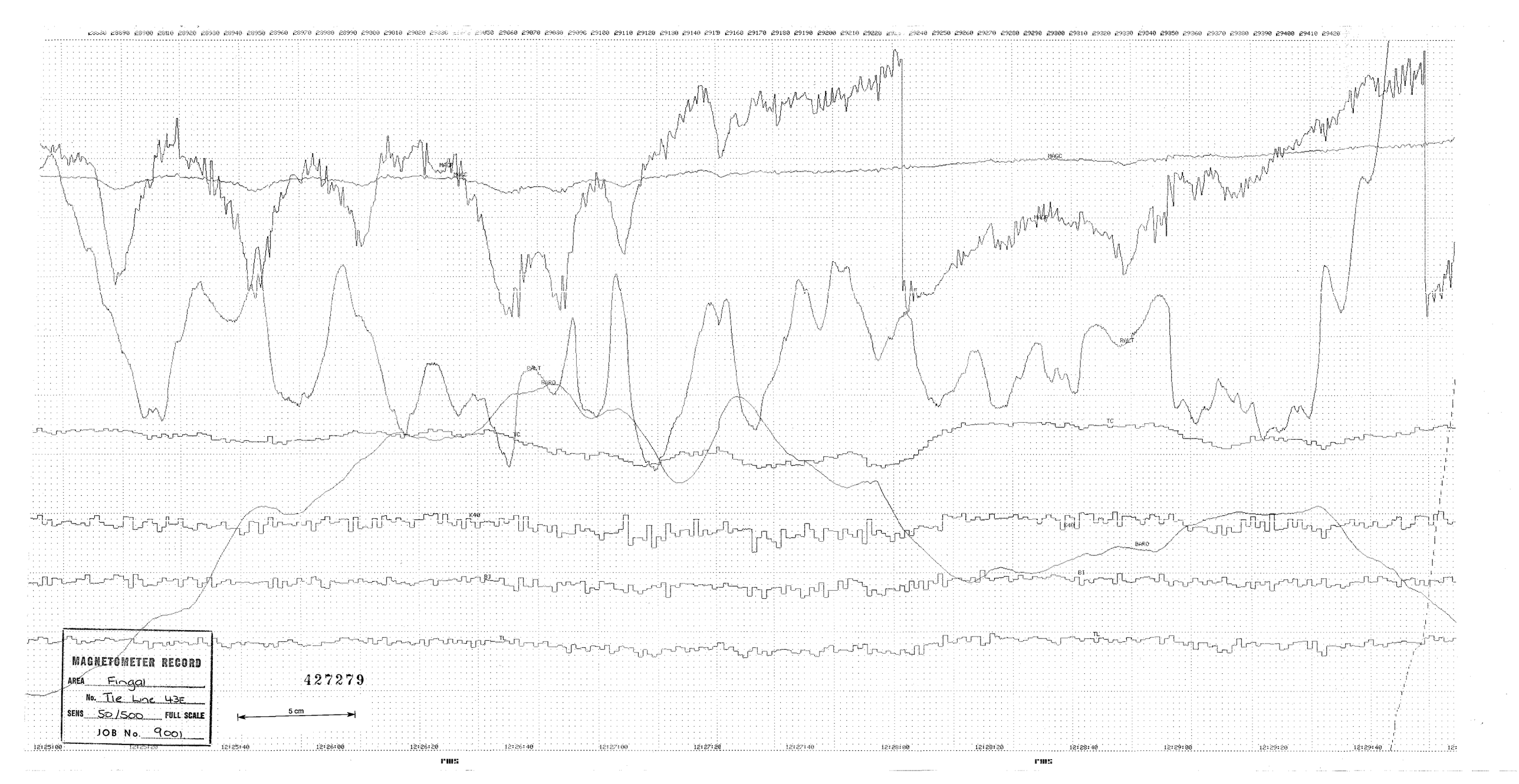

MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 38W
SENS 50/500 FULL SCALE
JOB No. 9001
427274
5 cm
MAGF
MAGC
K40
BARO
TC
TL
11:57:40
11:58:00
11:58:20
11:58:40
11:59:00
11:59:20
11:59:40
12:00:00
12:00:20
12:00:40
12:01:00
12:01:20
12:01:40
12:02:00
12:02:20
12:02:40
12:03:00
12:03:20
mins

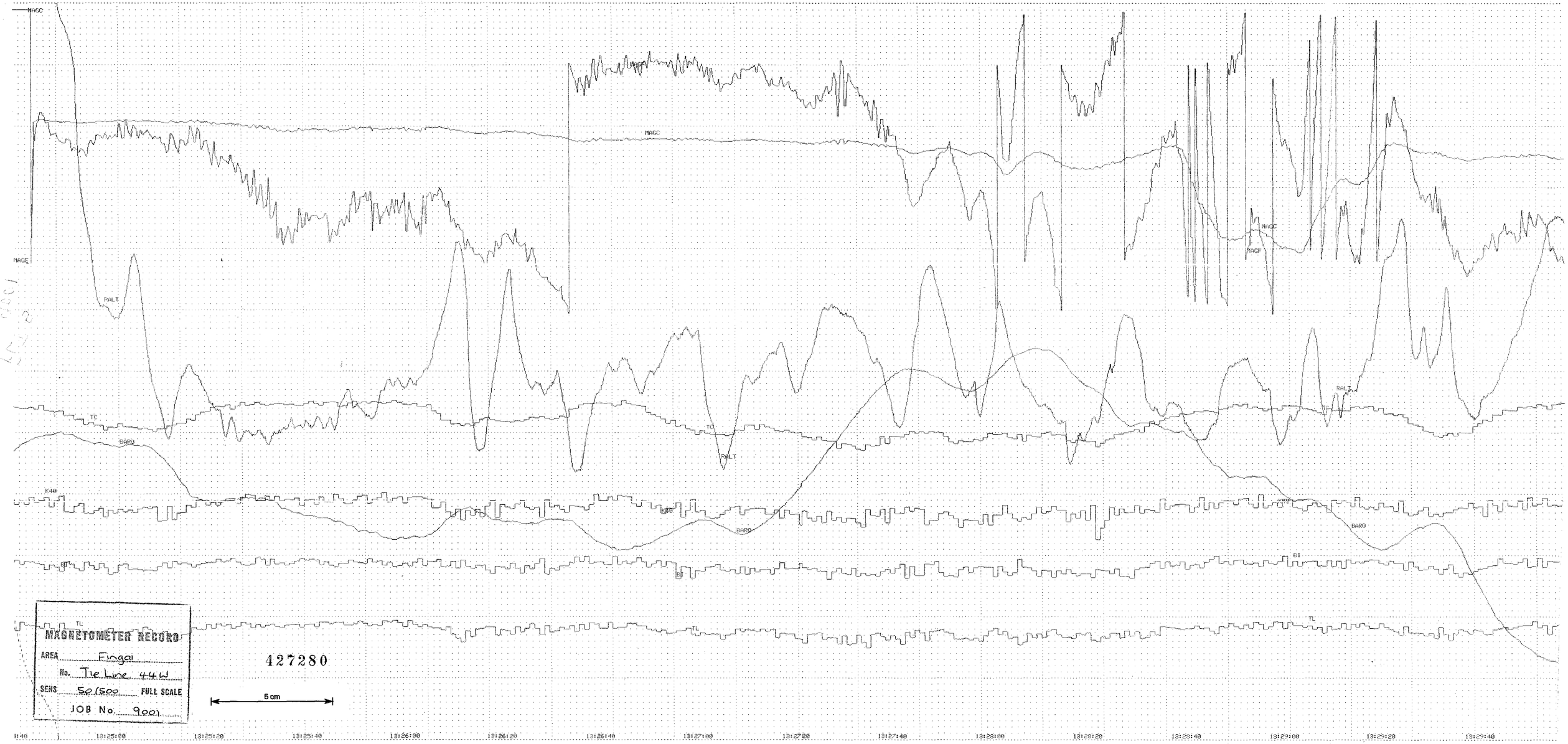

MAGC
MAGF
RALT
TC
BARO
BI
TL
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 39E
SENS 50/500 FULL SCALE
JOB No. 9001
427275
5 cm
PMS
PMS

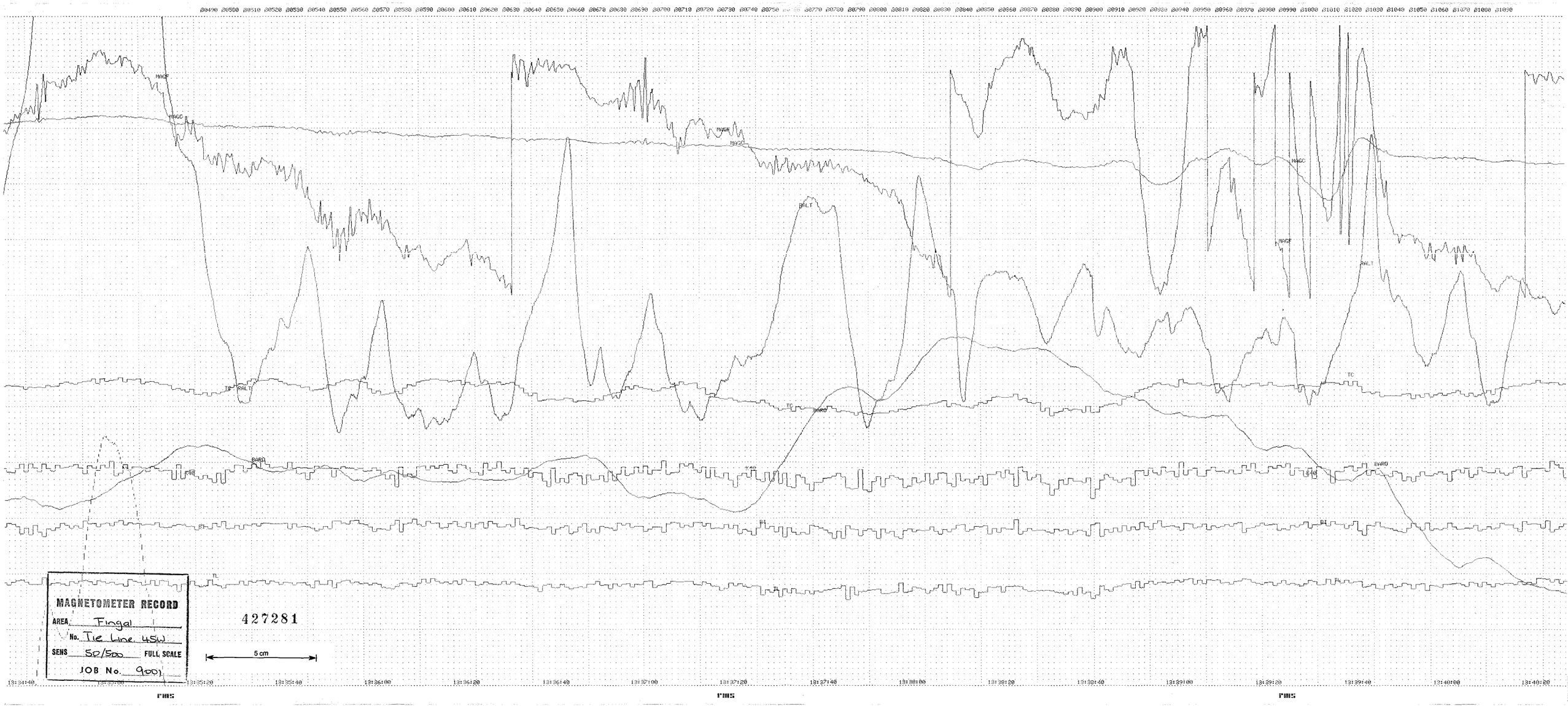

MAGNETOMETER RECORD
AREA Fingal
No. Tie line 40W
SENS 50/500 FULL SCALE
JOB No. 9001
427276
5 cm
MAGF
MAGC
RALT
BARO
TC
K40
BI
TL
12:09:00
12:09:20
12:09:40
12:10:00
12:10:20
12:10:40
12:11:00
12:11:20
12:11:40
12:12:00
12:12:20
12:12:40
12:13:00
12:13:20
12:13:40
12:14:00
12:14:20
12:14:40
PMS


MAGC
MAGF
RALT
TC
BARO
K40
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 4E
SENS 50/500 FULL SCALE
JOB No. 9001
427277
5 cm
12:15:20
12:15:40
12:16:00
12:16:20
12:16:40
12:17:00
12:17:20
12:17:40
12:18:00
12:18:20
12:18:40
12:19:00
12:19:20
12:19:40


MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 42W
SENS 50/500 FULL SCALE
JOB No. 9001
427278
5 cm
MAGC
MAGF
RALT
TC
BARO
K40
BI
TL


MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 43E
SENS 50/500 FULL SCALE
JOB No. 9001
427279
5 cm
MAGC
RALT
RBRO
TC
K40
BJ
TL
12:25:00
12:25:20
12:25:40
12:26:00
12:26:20
12:26:40
12:27:00
12:27:20
12:27:40
12:28:00
12:28:20
12:28:40
12:29:00
12:29:20
12:29:40


MAGC
MAGF
RALT
TC
BARO
K40
BT
TL
MAGNETOMETER RECORD
AREA Engai
No. Tie Line 44W
SENS 50/500 FULL SCALE
JOB No. 9001
427280
5cm


MAGF
MAGC
BALT
TC
BARO
RAD
PI
TL
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 45W
SENS 50/500 FULL SCALE
JOB No. 9001
427281
5 cm
13:34:40
13:35:00
13:35:20
13:35:40
13:36:00
13:36:20
13:36:40
13:37:00
13:37:20
13:37:40
13:38:00
13:38:20
13:38:40
13:39:00
13:39:20
13:39:40
13:40:00
13:40:20
PMS

MAGF

MAGC

RALT

BARO

TC

BI

TL

MAGNETOMETER RECORD

AREA Fingal

No. Tie Line 46E

SENS 50/500 FULL SCALE

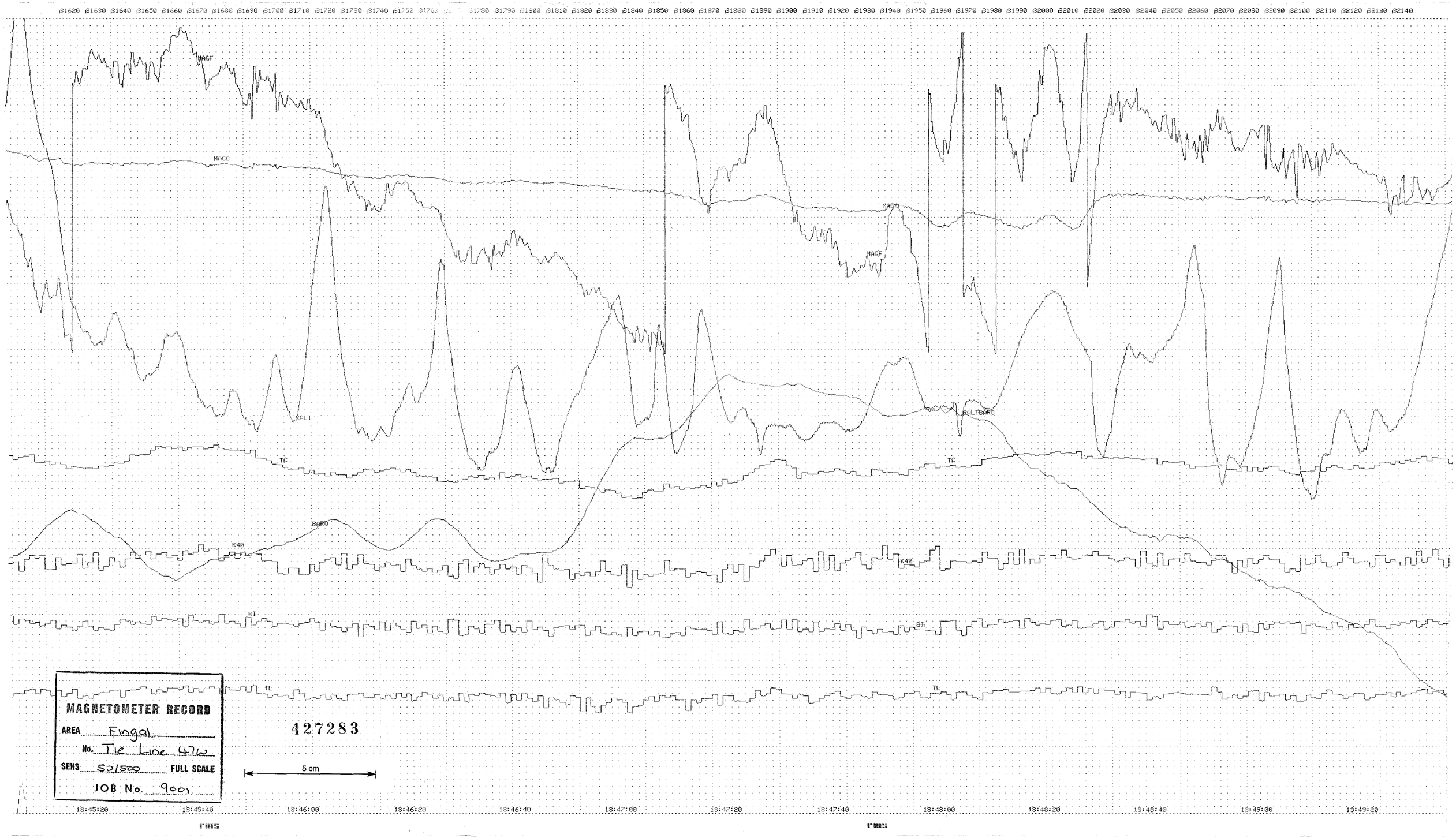
JOB No. 900

427282

5 cm

13:40:40 13:41:00 13:41:20 13:41:40 13:42:00 13:42:20 13:42:40 13:43:00 13:43:20 13:43:40 13:44:00 13:44:20 13:44:40

rms rms


MAGF
MAGC
MAGD
MAGF
KALT
KALTBARO
TC
TC
TC
BARO
K40
K40
K40
BT
BT
TL
TL
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 47W
SENS 52500 FULL SCALE
JOB No. 9001
427283
5 cm
13:45:20
13:45:40
13:46:00
13:46:20
13:46:40
13:47:00
13:47:20
13:47:40
13:48:00
13:48:20
13:48:40
13:49:00
13:49:20
PMS
PMS

MAGC

MAGF

RALT

TC

BARO

K4B

BI

MAGNETOMETER RECORD

AREA Fingal

No. Tie Line 48E

SENS 50/500 FULL SCALE

JOB No. 9001

427284

5 cm

13:49:40 13:50:00 13:50:20 13:50:40 13:51:00 13:51:20 13:51:40 13:52:00 13:52:20 13:52:40 13:53:00 13:53:20 13:53:40 13:54:00

rms rms rms

RALT

MAGF

MAGC

BARO

TC

K40

BI

MAGNETOMETER RECORD

AREA Fingal

No. Tie Line 49W

SENS 50/500 FULL SCALE

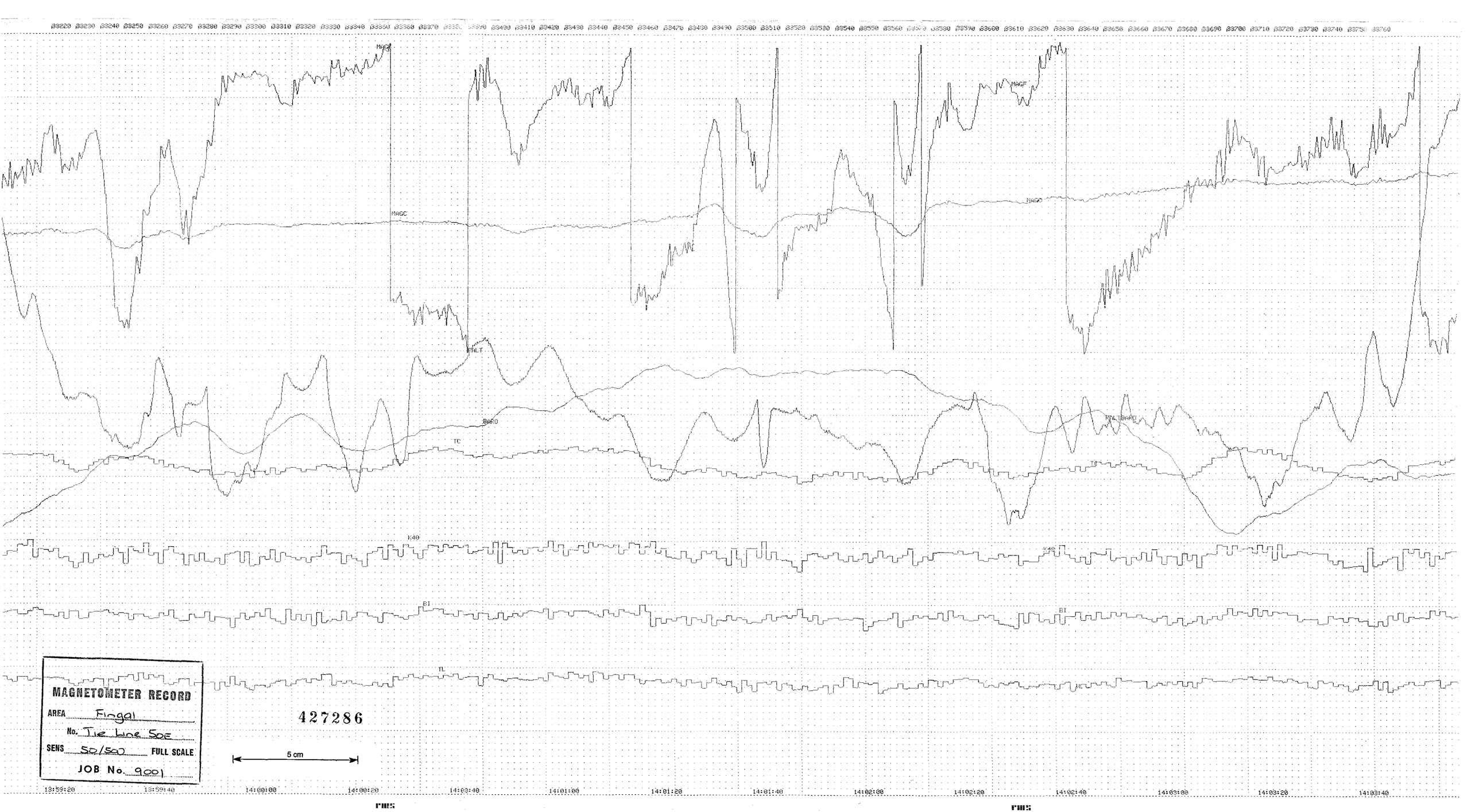
JOB No. 909

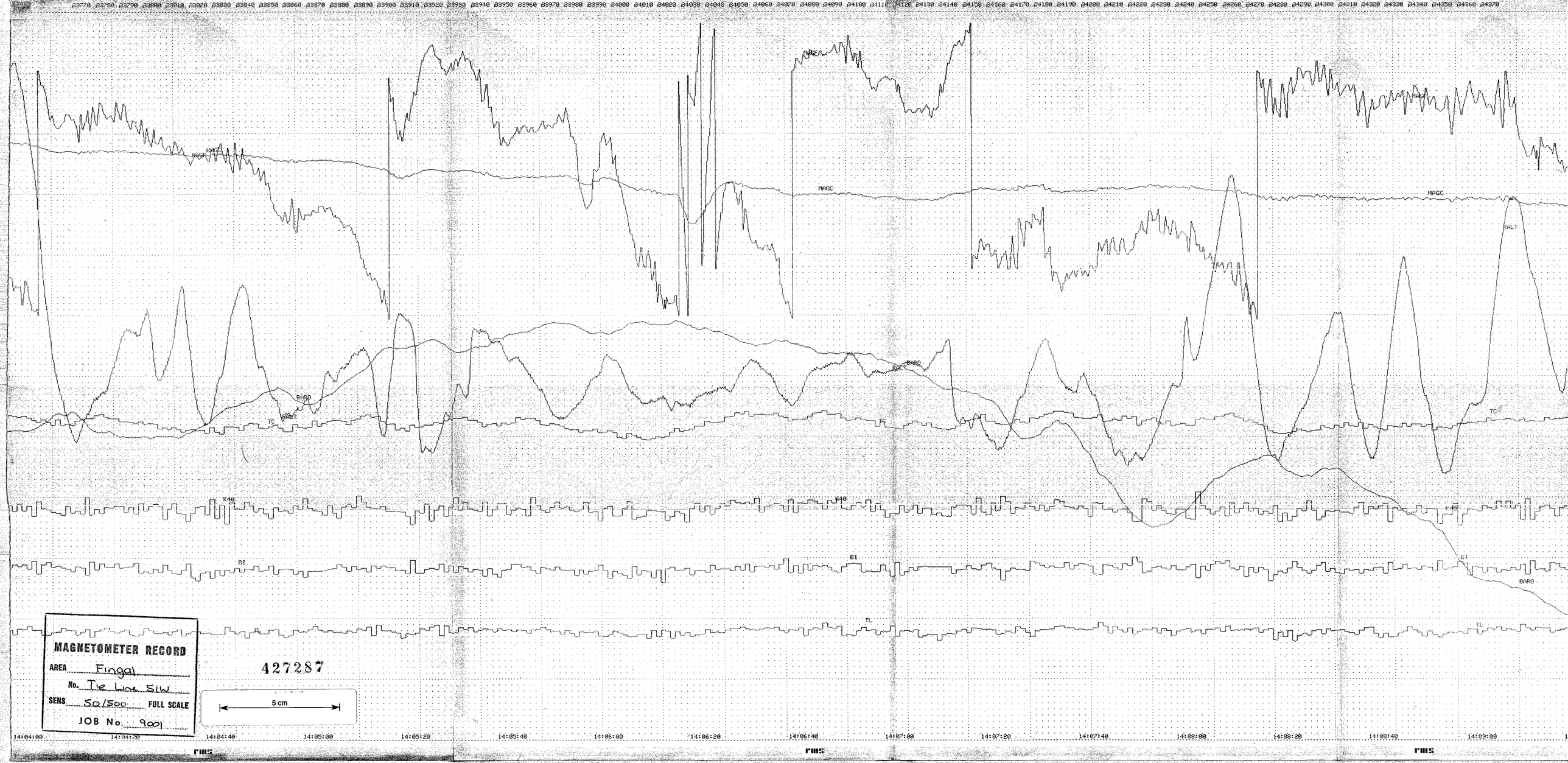
427285

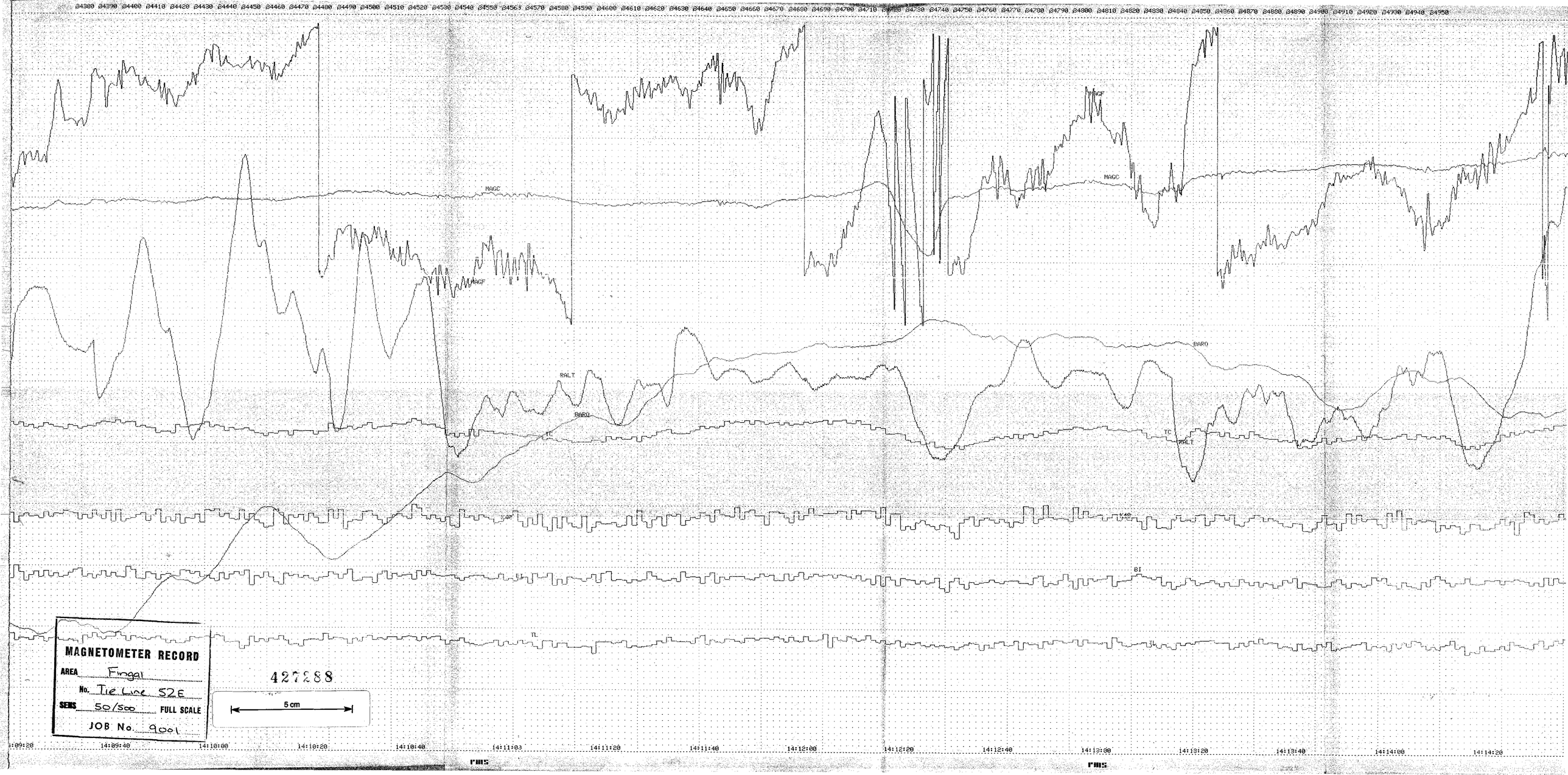
5 cm

13:55:00 13:55:20 13:55:40 13:56:00 13:56:20 13:56:40 13:57:00 13:57:20 13:57:40 13:58:00 13:58:20 13:58:40 13:59:00

rms


MAGF
MAGC
FALT
BARO
TC
K40
EI
TL
MAGNETOMETER RECORD
AREA Fingal
No. Tie line SOE
SENS 50/500 FULL SCALE
JOB No. 9001
427286
5 cm
13:59:20
13:59:40
14:00:00
14:00:20
14:00:40
14:01:00
14:01:20
14:01:40
14:02:00
14:02:20
14:02:40
14:03:00
14:03:20
14:03:40


MAGC
RALT
BARO
TC
K40
BI
TL
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line SW
SENS 50/500 FULL SCALE
JOB No. 9001
427287
5 cm
14:04:00
14:04:20
14:04:40
14:05:00
14:05:20
14:05:40
14:06:00
14:06:20
14:06:40
14:07:00
14:07:20
14:07:40
14:08:00
14:08:20
14:08:40
14:09:00
rms


MAGC
MAGF
RALT
BARO
TC
MAGC
MAGF
BARO
RALT
TC
BI
TL
MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 52E
SENS 50/500 FULL SCALE
JOB No. 9001
427288
5 cm
14:09:20
14:09:40
14:10:00
14:10:20
14:10:40
14:11:00
14:11:20
14:11:40
14:12:00
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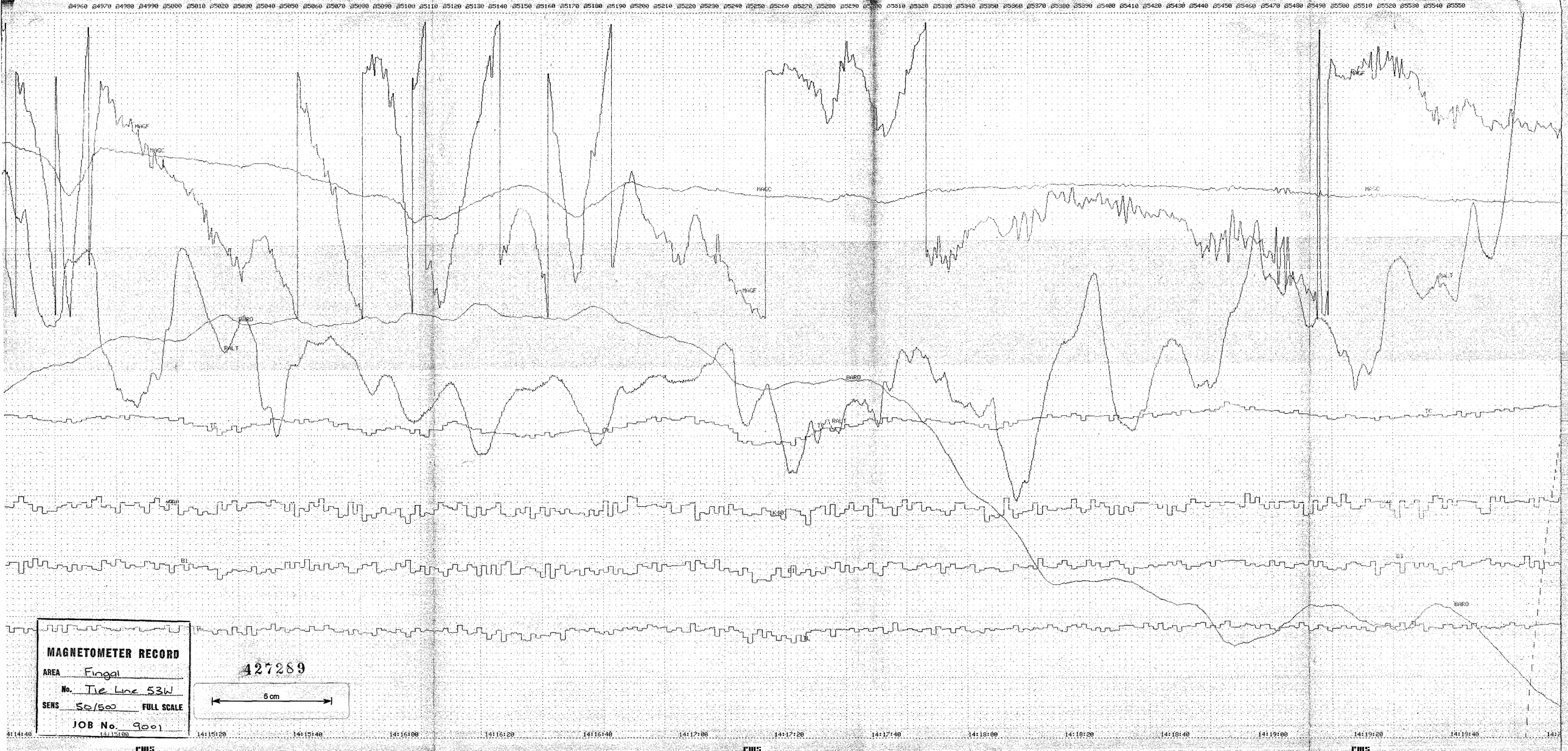
14:13:00
14:13:20
14:13:40
14:14:00
14:14:20
rms
rms


MAGF
MAGC
BARO
RALT
TC
MAGF
MAGC
BARO
RALT
TC
MAGC
RALT
BARO
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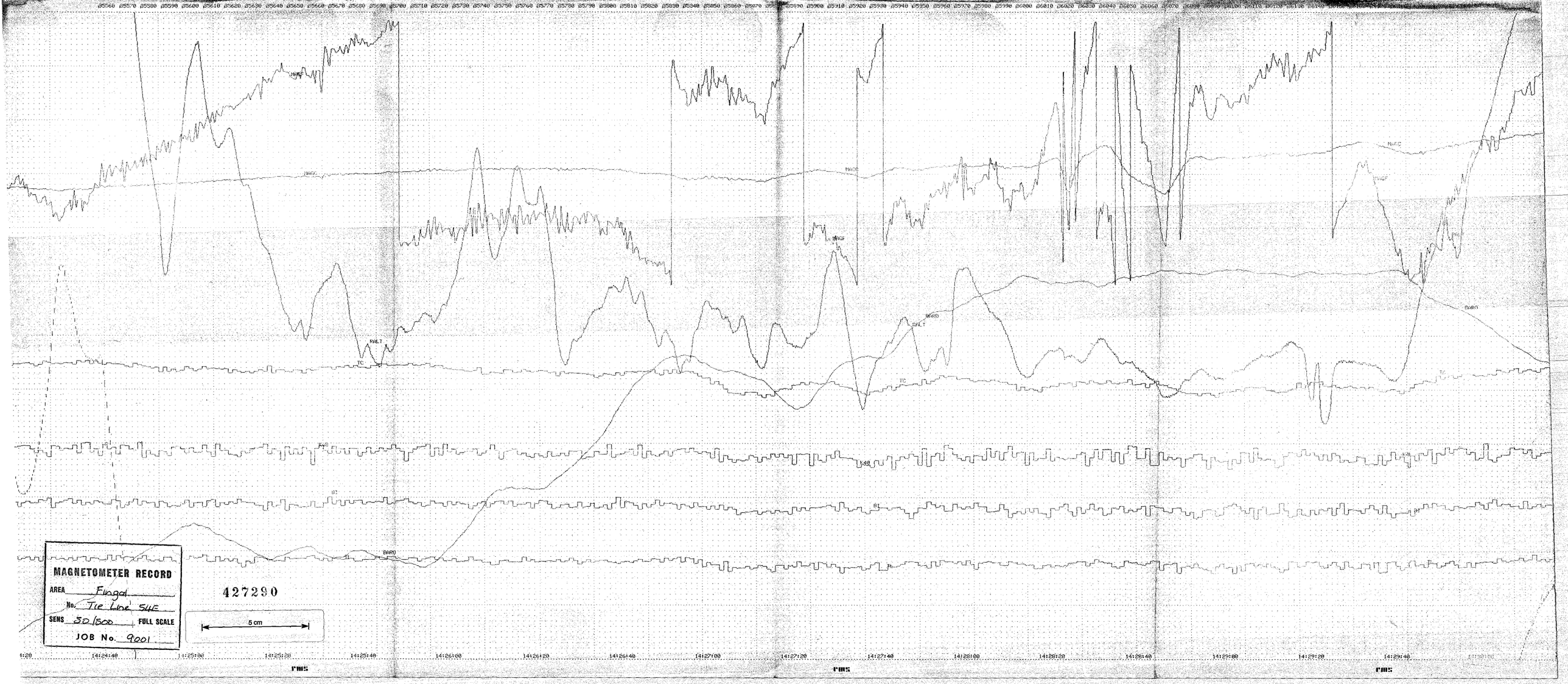
AREA Fingal
No. Tie Line 53W
SENS 50/500 FULL SCALE
JOB No. 9001
427289
5 cm


MAGNETOMETER RECORD
AREA Fingal
No. Tie Line 54E
SENS 50/500 FULL SCALE
JOB No. 9001
427290
5 cm
RMS
RMS
RMS