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**DEC 13 1995**

**Gold Commissioner's Office  
VANCOUVER, B.C.**

**ASSESSMENT REPORT**

on the

**SURFACE PULSE EM GEOPHYSICAL SURVEY  
CONDUCTED ON THE GOATFELL PROPERTY**

**GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORTS**

DATE RECEIVED

JAN 05 1996

Work performed May 29, 1995 to June 13, 1995 by Scott Geophysics Ltd.

**FORT STEELE and NELSON MINING DISTRICTS**

**NTS 82 F/1**

**LATITUDE 49 08'N LONGITUDE 116 12'W**

**OWNER**

**MR. GORDON LEASK  
922-510 WEST HASTINGS STREET  
VANCOUVER, BRITISH COLUMBIA  
V6B1L8**

**OPERATOR**

**INMET MINING CORPORATION  
3 rd FLOOR 311 WATER STREET  
VANCOUVER, BRITISH COLUMBIA  
V6B1B8**

**FILMED**

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**John Kapusta, P. Geo.**

**DECEMBER 8, 1995**

**24,223**

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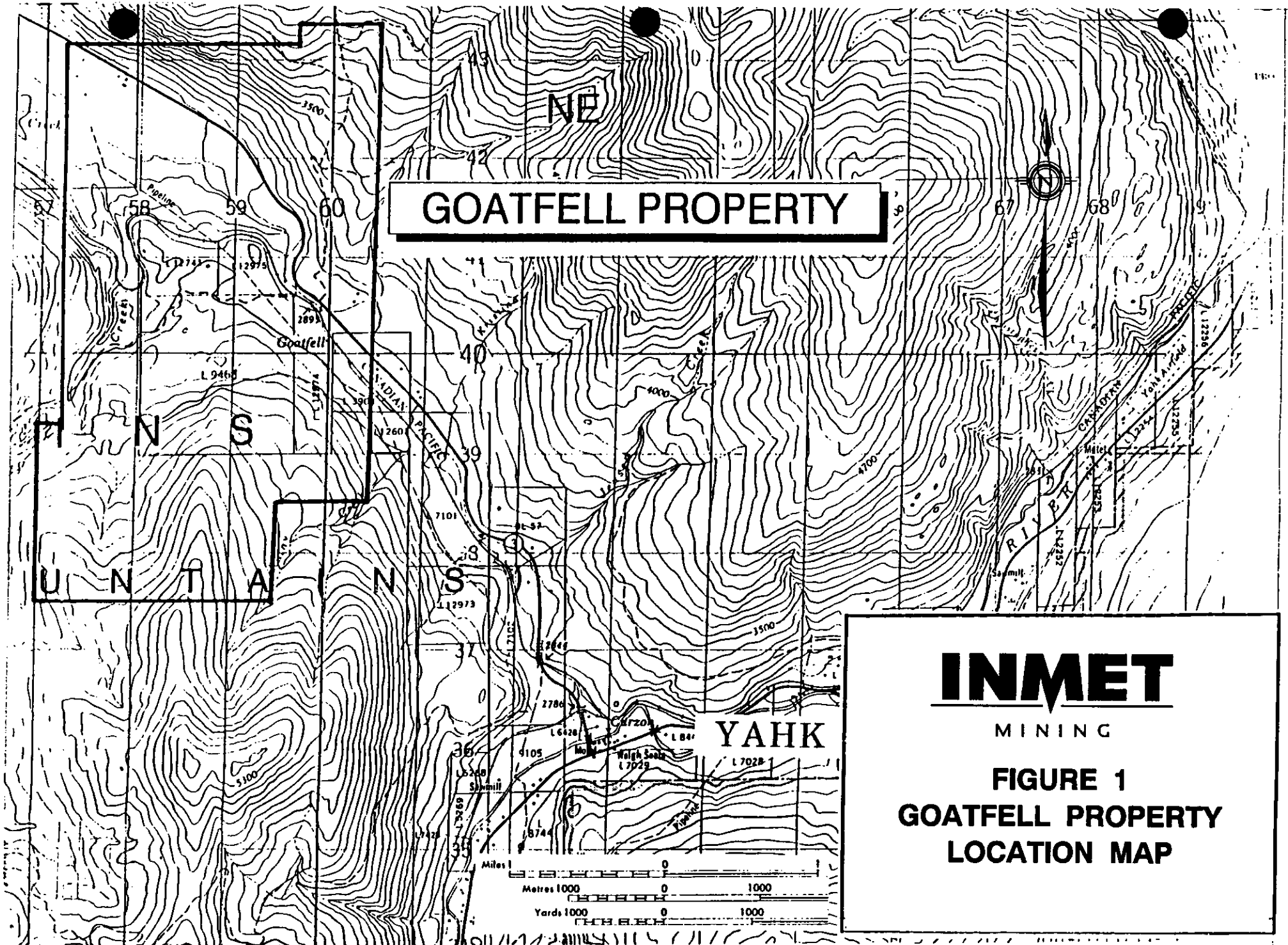
## **Introduction**

A surface Crone Pulse E.M. Survey was conducted on the Goatfell Property, located near Yahk, British Columbia by Scott Geophysics Ltd. for Inmet Mining Corporation. A total of ten Loops with approximate dimensions of 1 km by 1 km were surveyed. The horizontal (dBx/dt) and vertical (dBz/dt) components of the secondary magnetic fields were measured at 50 meter station intervals on lines with 200 meter separations. The survey was conducted between May 29 th. and June 13 th.

## **Location and Access**

The Goatfell property is located approximately 10 km northwest of the town of Yahk, British Columbia (Figure 1). The property is located on N.T.S. Map sheet 82F/1, and straddles the Fort Steele and Nelson Mining Divisions.

Access to the property is via Highway 3 that cuts across the northern portion of the property. At the present time there is an excellent network of Forestry, logging and private roads throughout most of the property. These roads are driveable using a two wheel drive vehicle, however four wheel drive is recommended. In addition to the excellent road network there is a natural gas pipeline corridor and the CPR branch line that connects Creston and Cranbrook present on the property.



### Property -- Claim Status

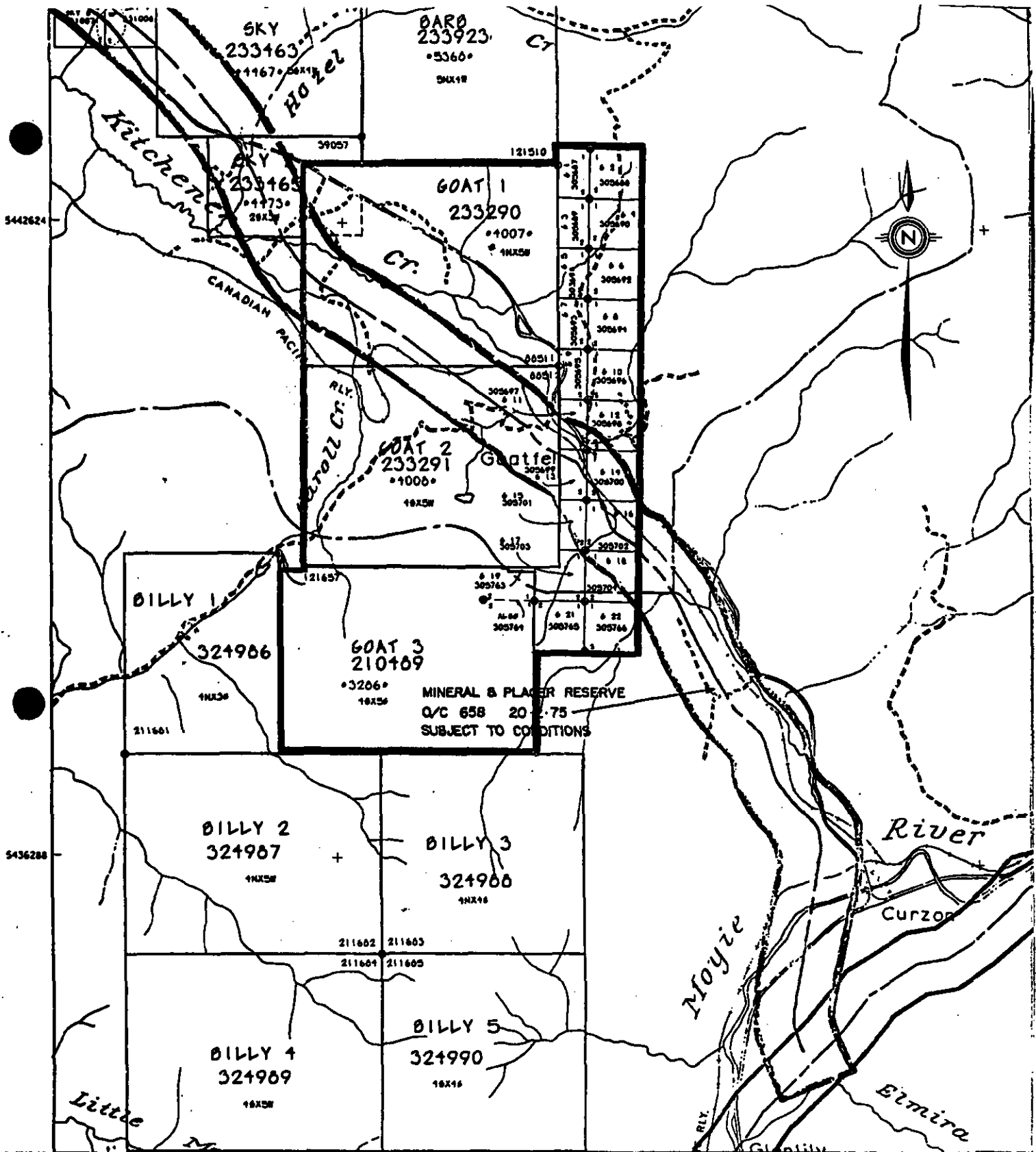
The Goatfell Property consists of 25 claims totaling 83 units (Figure 2). Inmet Mining Corporation entered into an option agreement to earn an interest in the property from White Knight Resources Ltd. The Goatfell Property contains the following claims:

<u>Claim Name</u>	<u>Record No.</u>	<u>Units</u>	<u>Mining District</u>	<u>Expiry Date</u>	<u>New Expiry Date</u>
Goat 1	4007	20	Nelson	January 29, 1999	January 29, 2002
Goat 2	4008	20	Nelson	January 29, 1999	January 29, 2001
Goat 3	3286	20	Fort Steele	February 7, 1999	February 7, 2001
G1	305687	1	Nelson	October 4, 1998	October 4, 2001
G2	305688	1	Nelson	October 4, 1998	October 4, 2001
G3	305689	1	Nelson	October 4, 1998	October 4, 2001
G4	305690	1	Nelson	October 4, 1998	October 4, 2001
G5	305691	1	Nelson	October 4, 1998	October 4, 2001
G6	305692	1	Nelson	October 4, 1998	October 4, 2001
G7	305693	1	Nelson	October 4, 1998	October 4, 2001
G8	305694	1	Nelson	October 4, 1998	October 4, 2001
G9	305695	1	Nelson	October 4, 1998	October 4, 2001
G10	305696	1	Nelson	October 4, 1998	October 4, 2001
G11	305697	1	Nelson	October 4, 1998	October 4, 2001
G12	305698	1	Nelson	October 4, 1998	October 4, 2001
G13	305699	1	Nelson	October 4, 1998	October 4, 2001
G14	305700	1	Nelson	October 4, 1998	October 4, 2001
G15	305701	1	Nelson	October 5, 1998	October 5, 2001
G16	305702	1	Nelson	October 5, 1998	October 5, 2001
G17	305703	1	Nelson	October 5, 1998	October 5, 2001
G18	305704	1	Nelson	October 5, 1998	October 5, 2001
G19	305763	1	Nelson	October 5, 1998	October 5, 2001
G20	305764	1	Nelson	October 5, 1998	October 5, 2001
G21	305765	1	Fort Steele	October 5, 1998	October 5, 2001
G22	305766	1	Fort Steele	October 5, 1998	October 5, 2001

### Property -- History

In 1984, a tourmalinized outcrop of middle Aldridge sediments exposed in the CPR right of way was staked by Gordon Leask. During 1985 and 1986 prospecting and geological mapping was conducted on the property by Gordon Leask.

The property was optioned to Chevron Minerals Ltd. in 1987. Chevron formed a joint venture with Formosa Resources Corporation to explore the property. Chevron acted as the operator to the joint venture. Between 1987 and 1990 Chevron completed Transient EM-37, magnetometer and VLF geophysical surveys in addition to geological mapping and soil geochemical surveys. A total of 2,005



meters of diamond drilling was completed in four drill holes. The property was returned to Gordon Leask and associates during the latter part of 1990.

During 1991 Gordon Leask and associates carried out a program consisting of prospecting, geologic mapping, and soil geochemistry. The property was optioned to Goldpac Investments Ltd. in 1992. Goldpac Investments Ltd. returned the property back to the vendor in 1993.

The property was optioned to Inmet Mining Corporation from White Knight Resources Ltd. in 1995.

### **Regional Geology**

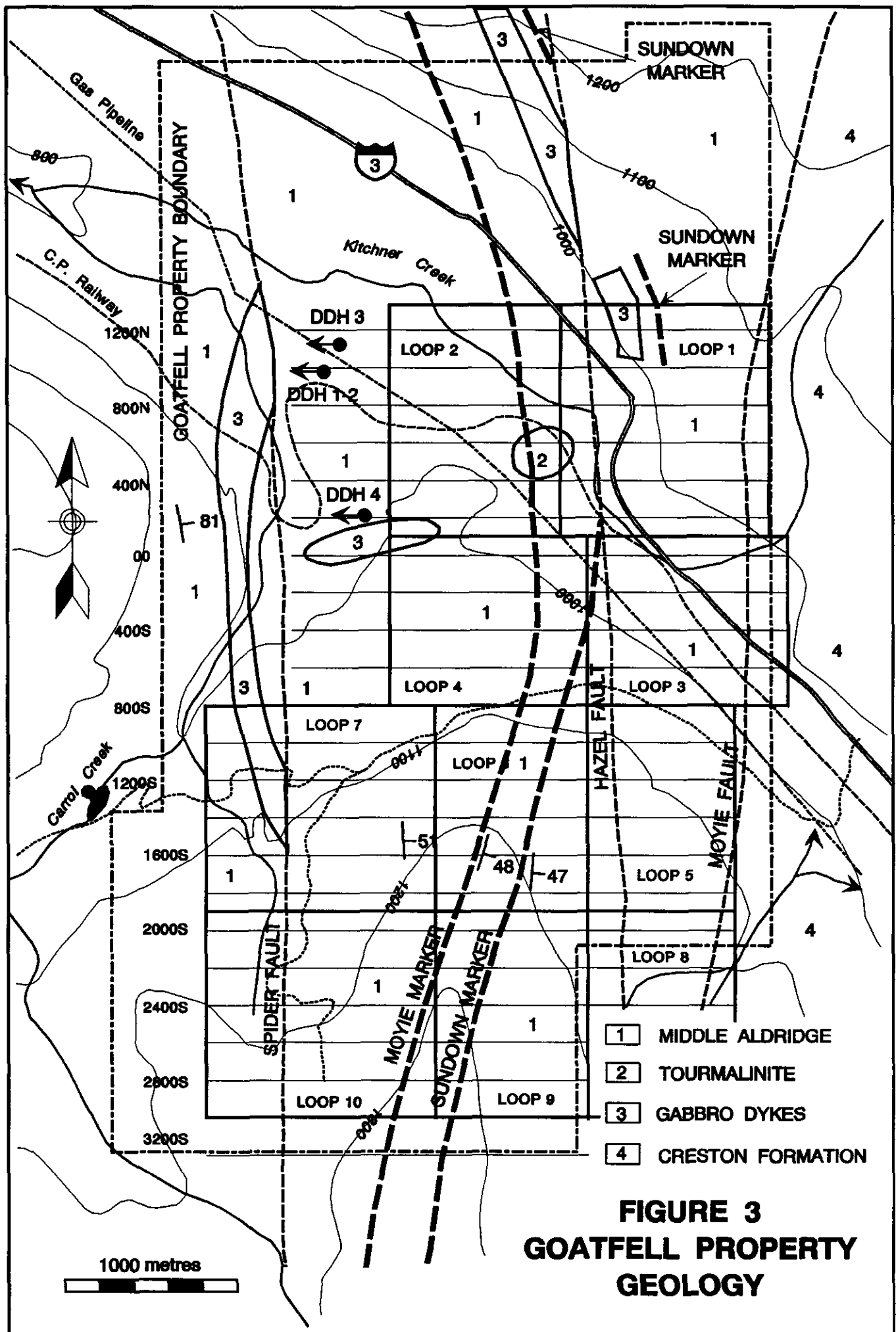
The Goatfell property is situated in the western part of the Foreland Thrust and Fold Belt, on the west flank of the Purcell Anticlinorium. The Purcell Anticlinorium is a north dipping structure that has the Proterozoic age Aldridge and Creston Formations of the Belt-Purcell Supergroup exposed in its core. The Aldridge Formation consists of a thick sequence of turbidites (Lower, Middle and Upper divisions) that have been intruded by semi-conformable gabbroic sills known as the Moyie Intrusions. The Creston Formation overlies the Upper Aldridge Formation, and consists of a thick sedimentary sequence dominated by quartzite, siltstone and argillites.

Major structures in the Purcell Anticlinorium are a series of northeast trending faults. These are the Moyie and St. Mary faults, which divide the Aldridge package into three structural blocks. To the east the Anticlinorium is cut by the Gold Creek and Rocky Mountain Trench faults.

The Aldridge Formation is host to several sediment hosted massive sulphide deposits. The most significant of which is the world class Sullivan deposit. Other known stratiform deposits include the Kootenay King and North Star Deposits.

### **Property Geology**

The Goatfell property is underlain by the Proterozoic age Aldridge (Middle) and Creston Formations of the Belt-Purcell Supergroup (Figure 3). The Middle Aldridge is represented by a thick succession of turbidite beds composed of grey quartzite, greywacke, siltstone and argillite. The Creston Formation consists of variably colored quartzite, siltstone and argillites.



**FIGURE 3  
GOATFELL PROPERTY  
GEOLOGY**



The Middle Aldridge sediments are intruded by Moyie dykes and sills. The dykes and sills vary from meta-gabbro to meta-diorite and are fine to coarsely crystalline in nature.

There are three major north trending structures present on the property. These are the Moyie, Hazel and Spider Creek faults. The Moyie fault separates the Middle Aldridge sediments from the Creston Formation rocks. The Hazel and Spider Creek faults occur within the Middle Aldridge sediments.

The most significant tourmaline alteration present on the property is located on the CPR right-of-way. This outcrop is oval shaped and is approximately 500 by 300 meters in size. Tourmaline alteration varies from less than 1% fine disseminated needles to 100% tourmaline replacement. Boulders of tourmaline altered sediments can be found on virtually every road cut on the property.

### **1995 Work Program**

Inmet Mining Corporation optioned the Goatfell property from White Knight Resources Ltd. in 1995. A Crone Pulse EM Survey was planned to cover areas of stratigraphy known to contain the Moyie Time Horizon. The Moyie Time Horizon occurs approximately 800 meters stratigraphically above the Sullivan Time Horizon. Massive sulphide mineralization discovered on the Kid-Star property is believed to occur proximal to the Moyie Time Horizon. The Kid-Star property is located approximately nine kilometers northwest of the Goatfell property.

A total of 38.50 kilometers of cut line grid and 9.70 kilometers of flagged grid were established prior to the geophysical survey commencing. Work on the cut and flagged line grid commenced on May 6, 1995 and was completed May 29, 1995.

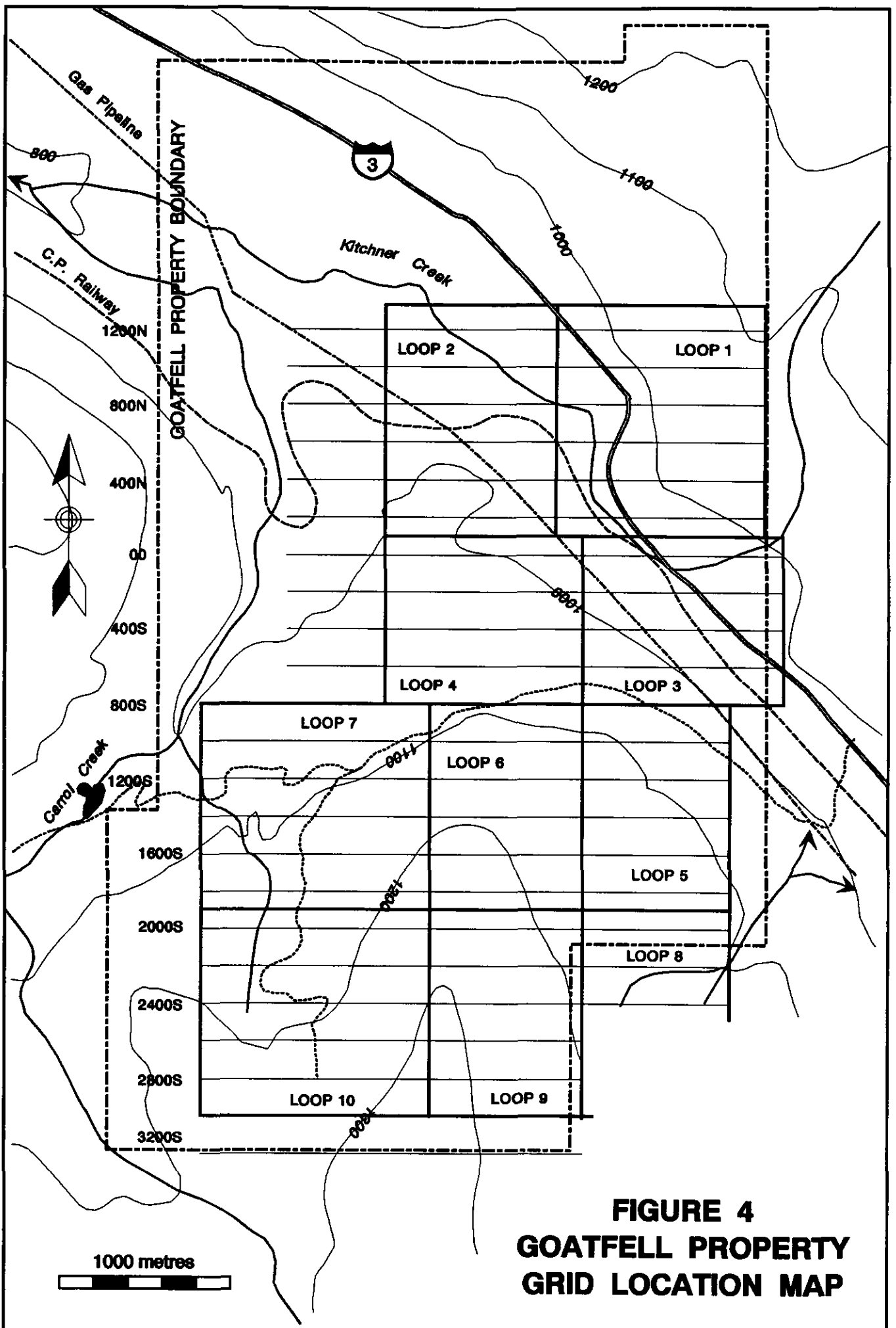
Scott Geophysics Ltd. was contracted to complete a surface Crone Pulse E.M. Survey on the property. A total of ten Loops (Figure 4) with approximate dimensions of 1 km by 1 km were surveyed. The horizontal (dBx/dt) and vertical (dBz/dt) components of the secondary magnetic fields were measured at 50 meter station intervals on lines with 200 meter separations.

### **Conclusions**

The Crone Pulse EM Survey failed to locate any significant geophysical anomalies, within the survey area. A more detailed Loop by Loop breakdown of the results can be found in Appendix "C," Crone Surface Pulse Electromagnetic Survey Report, prepared by Jim Hawkins of Scott Geophysical Ltd.

**Recommendations**

Do to the lack of any significant geophysical anomalies in the survey area no further work is recommended.



**FIGURE 4  
GOATFELL PROPERTY  
GRID LOCATION MAP**

**APPENDIX "A"**  
**STATEMENT OF EXPENDITURES**

**Statement of Expenditures**

**Scott Geophysics Ltd.**

**As per attached Invoices**

<b>Invoice 9521101 -- June 16, 1995 .....</b>	<b>\$37,480.62</b>
<b>Invoice 9521101 -- July 31, 1995 .....</b>	<b>2,678.28</b>
<b>Total .....</b>	<b>\$ 40,158.90</b>

MR. ALAN SCOTT  
 SCOTT GEOPHYSICS LTD.  
 4013 West 1st Avenue  
 Vancouver, B.C. V6R 2X3

June 16, 1995

INMET MINING CORPORATION  
 3rd floor - 311 Water Street  
 Vancouver, B.C. V6B 1B8

Invoice: PEM Survey, Goatfell Property, B.C. (9521101)

Field work on the above survey is now complete and the following charges are due per our agreement of May 3, 1995. The airfreight from Toronto and Brad Malpage's airfare will be invoiced via Crone Geophysics.

Fixed fee (preparations and testing - sec 9.1) \$ 500.00

Daily charges per sections 9.2 and 9.3:

Geophysicist (JHawkins), vehicle, equipment:  
 May 29, June 13 (mob/demob) 2 travel days @ 775 1550.00  
 May 30-June 12 (PEM survey) 14 survey days @ 1150 16100.00

Technician (EMalpage), 2nd vehicle and receiver:  
 May 29, June 13 (mob/demob) 2 travel days @ 475 950.00  
 May 30-June 12 (PEM survey) 14 survey days @ 575 8050.00

Expenses (sec 9.4)  
 Per attached expense summary (2305.63 - 120.41 GST) 2185.22  
 Plus 10 percent 218.52  
 Per attached expense summary (2393.84 - 142.13 GST) 2251.71  
 Plus 10 percent 225.17

For field assistants (sec 9.6)  
 Scott Benson: May 29-June 13 16 days @ 150 2400.00  
 Brendon Miller: May 29-June 13 16 days @ 150 2400.00

For additional presentation (sec 9.6)  
 JHawkins (June 15): Geophysicist 1 day @ 400 400.00  
 Transfer maps to vellums, copies 250.00

Total SCOTT charges: 37480.62  
 Plus GST (registration no. 104754106) @ 7 percent 2623.64

TOTAL THIS INVOICE: \$40104.26

Regards,



Alan Scott

Encl. (production reports, expense summaries)

EXPENSE	DETAIL	PROJECT	AMOUNT	CR X
70280	600	684	37480.62	
12050	000	000	2623.64	
APPROV	CODED	EXT & ADOS	CHECK NO	
			12182	
			J645	

PAID JUN 16 1995

SCOTT GEOPHYSICS LTD.  
 4013 West 14th Avenue  
 Vancouver, B.C. V6R 2X3

(604) 228 0237  
 Fax (604) 228 0254

GEOPHYSICAL SURVEY PRODUCTION REPORT

page 1 of 3

CRONE PEM SURVEY: nominally 50 meter stations, X & Z components

Project No.: 9521 Client: INMET MINING CORP Area: GOATFELL, CRESTON, B.C.

Date	Lines surveyed and comments	Production
Sun		
Mon May 29	Mobilized from Vancouver to Creston	mob
Tues May 30	Checked equipment, laid out Loop #10, Station numbering and tieline position confusing.	
Wed May 31	Surveyed Loop #10, L28S, L26S, L22S, L20S. Laid north and east sides of Loop #9.	4.00 km
Thurs June 1	Finished Loop #10, L24S; Surveyed Loop #9, L20S, L22S, L24S (500 m). Laid one side of Loop #8.	4.50 km
Fri June 2	Finished Loop #9, L24S (1000 m), L26S, L28S. Laid Loop #8 and one side of Loop #6.	4.00 km
Sat June 3	Finished Loop #8, L28S, L26S, L24S, L22S, L20S. Picked up Loop #8 and laid Loops #5 and #6.	4.90 km

Remarks:	Totals (this wk)	17.40 km
Crone digital receivers	Totals (to date)	17.40 km
4.8 kw transmitter		
50 m Station separation	Personnel:	S M T W T F S
X and Z component recorded	J Hawkins	m l c r r r
	B Malpage	m l r r r r
	S Benson	m l l l l l
	B Miller	m l l l l l

r = receiver      c = coil  
 l = loop laying    m = mob/demob  
 d = data proc.    s = standby

Signed: Jim Hawkins

Date: June 3, 1995

SCOTT GEOPHYSICS LTD.  
4013 West 14th Avenue  
Vancouver, B.C. V6R 2X3

(604) 228 0237  
Fax (604) 228 0254

GEOPHYSICAL SURVEY PRODUCTION REPORT

page 2 of 3

CRONE PEM SURVEY: nominally 50 meter stations, X & Z components

Project No.: 9521 Client: INMET MINING CORP Area: GOATFELL, CRESTON, B.C.

Date	Lines surveyed and comments	Production
Sun June 4	Finished Loop #6, L18AS, L16S, L14S, L12S, L10S. Finished laying Loop #5, part of Loop #7	7.35 km
Mon June 5	Finished Loop #5, L18AS, L16S, L14S, L12S, L10S.	6.50 km
Tues June 6	Finished laying Loop #7. Severe weather stopped work.	
Wed June 7	Surveyed Loop #7, L18AS, L16S, L14S, L12S, L10S. Laid Loop #4 (north edge on L0 by mistake).	4.70 km
Thurs June 8	Finished Loop #4, L8S, L6S, L4S, L2S. West ends of lines not cut. Laid part of Loop #2.	5.50 km
Fri June 9	Finished Loop #2, L12N, L8N, L6N, L4N, L2N, L1N. Three northern lines not cut. Laid part of Loop #1.	6.40 km
Sat June 10	Finished laying Loop #1. Surveyed Loop #1, L12N, L10N, western end of L8N.	3.40 km

Remarks:	Totals (this wk)	33.85 km
Crone digital receivers	Totals (to date)	51.25 km
4.8 kw transmitter		
50 m Station separation	Personnel:	S M T W T F S
X and Z component recorded	J Hawkins	r r l r r r r
	B Malpage	r r l r r r r
	S Benson	l c l l l l l
	B Miller	l c l l l l l
		l l l l l l l

r = receiver c = coil  
l = loop laying m = mob/demob  
d = data proc. s = standby

Signed: Jim Hawkins

Date: June 10, 1995



SCOTT GEOPHYSICS LTD.  
 4013 West 14th Avenue  
 Vancouver, B.C. V6R 2X3

(604) 228 0237  
 Fax (604) 228 0254

GEOPHYSICAL SURVEY PRODUCTION REPORT

page 3 of 3

CRONE PEM SURVEY: nominally 50 meter stations, X & Z components

Project No.: 9521 Client: INMET MINING CORP Area: GOATFELL, CRESTON, B.C.

Date	Lines surveyed and comments	Production
Sun June 11	Finished Loop #1, L8N, L6N, L4N, L2N. Laid Loop #3, surveyed L0N. Parts of lines effected by pipeline, railroad, and powerline.	4.40 km
Mon June 12	Finished Loop #3, L8N, L6N, L4N, L2N. Picked up Loop #3.	4.65 km
Tues June 13	Demobilized from Creston to Vancouver.	demob
Wed		
Thurs		
Fri		
Sat		

Remarks:	Totals (this wk)	9.05 km
Crone digital receivers	Totals (to date)	60.30 km
4.8 kw transmitter		
50 m Station separation	Personnel:	S M T W T F S
X and Z component recorded	J Hawkins	r r m
	B Malpage	r r m
	S Benson	l l m
	B Miller	l l m

r = receiver      c = coil  
 l = loop laying    m = mob/demob  
 d = data proc.    s = standby

Signed: Vin Hawkins

Date: June 13, 1995

Property: GOATFELL, CRESTON, B.C.

Project No.: 9521

Date	Item	Vendor and location	Total including GST		GST
			expense account	charged to SGL	
May 27	courier	Greyhound, Kelowna (9515)	13.80		0.90
May 27	repairs	MowerMart, Kelowna	31.36		1.93
May 29	gas	Mohawk, Merritt	48.00		3.14
May 29	toll	Coquihalla Highway	10.00		--
May 29	meal	Burger King, Kelowna	6.88		0.45
May 29	meal	Burger King, Kelowna	5.44		0.36
May 29	gas	Canadian Tire, Kelowna	18.73		1.32
May 29	supplies	Petrocan, Rock Creek	7.05		--
May 29	meal	Cariboo, Hope	17.94		1.17
May 29	gas	Petrocan, Rock Creek	38.66		2.22
May 29	meal	Gardeli's, Castlegar	18.79		1.23
May 29	meal	Subway, Creston	14.71		0.96
May 29	hotel	Valley View, Creston	193.20		11.76
May 30	meal	Iron Kettle, Creston	24.87		1.50
May 30	hotel	Valley View, Creston	193.20		11.76
May 30	groc	Overwaite, Creston	286.69		5.27
May 30	supplies	Creston Bldg Supply, Creston	26.28		1.61
May 30	gas	Petrocan, Creston	126.13		8.26
May 30	meal	Hacienda, Creston	80.10		4.59
May 31	meal	Rendevous, Creston	59.36		3.36
May 31	meal	Taco Time, Cranbrook	10.41		0.68
May 29	map	Vancouver (Brad) (NR)	3.00		--
May 29	taxi	Bonny's Taxi, Vancouver	21.00		--
June 1	gas	Petrocan, Creston	97.11		7.02
June 1	gas	Petrocan, Creston	29.12		2.05
June 1	meal	Kelly O'Bryan's, Creston	96.44		5.39
June 2	groc	Overwaite, Creston	37.58		0.87
June 2	meal	Demetre's, Creston	94.65		5.41
June 2	groc	Overwaite, Creston	37.28		1.35
June 3	meal	Little Italy, Creston	95.92		7.17
June 4	groc	Overwaite, Creston	91.10		1.07
June 4	meal	Sun R, Creston	47.46		2.71
June 5	gas	Petrocan, Creston	69.63		4.62
June 5	gas	Petrocan, Creston	33.80		2.33
June 5	supplies	Builder's Supply, Creston	6.28		0.39
June 5	supplies	Briscoe Hardware, Creston	7.97		0.49
June 5	meal	Rendevous, Creston	64.20		3.27
June 5	fuses	Shell, Creston (NR)	5.00		--
June 6	meal	Kelly O'Bryan's, Creston	76.82		4.27
June 7	gas	Petrocan, Creston	19.47		1.41
June 7	dozer	Road Clearance	46.65		2.79
June 7	meal	Hacienda, Creston	93.55		5.33
Totals:			\$2305.63		120.41

Signed: 

Date: June 7, 1995

Property: GOATFELL PROP. CRESTON, B.C.

Project No.: 9521

Date	Item	Vendor and location	Total including GST		
			expense account	charged to SGL	GST
		Jim Hawkins expenses:			
June 6	groc	Overwaite, Creston	14.10		0.47
June 8	groc	Overwaite, Creston	67.03		1.57
June 8	meal	Pizza Factory, Creston	40.29		2.64
June 8	gas	Petrocan, Creston	89.25		5.84
June 9	tape	Briscoe Hardware, Creston	8.53		0.52
June 9	gas	Petrocan, Creston	51.89		3.55
June 9	meal	Pizza Factory, Creston	65.46		3.96
June 9	supplies	Briscoe Hardware, Creston (NR)	10.14		0.62
June 10	supplies	Creston Outdoor Power, Creston	9.17		0.56
June 10	meal	Kootenay Rose, Creston	47.84		3.13
June 12	meal	Kelly O'Bryan's, Creston	76.25		4.32
June 12	gas	Petrocan, Creston	26.00		1.70
June 12	hotel	Valley View, Creston	1547.60		94.08
June 12	supplies	Overwaite, Creston	2.84		0.17
June 13	meal	Airport, Castlegar	14.25		0.93
June 13	gas	Petrocan, Rock Creek	22.56		1.24
		Scott Benson expenses:			
June 11	gas	Petro-Can, Creston	53.58		3.50
June 11	meal	Kelly O'Bryan's, Creston	117.36		6.53
June 12	meal	Charlie's Pizza, Salmo	15.65		
June 13	toll	Coquihalla	10.00		
June 13	gas	Esso, Rutland	43.45		2.84
June 14	gas	Esso, Vancouver	60.60		3.96
Totals:			\$2393.84		\$142.13

Signed: \_\_\_\_\_

Date: June 14, 1995

Mr. Alan Scott  
 SCOTT GEOPHYSICS LTD.  
 4013 West 14th Avenue  
 Vancouver, B.C. V6R 2X3

July 31, 1995

Attention: Irene

INMET MINING CORPORATION  
 3rd floor - 311 Water Street  
 Vancouver, B.C. V6B 1B8

RECEIVED AUG 02 1995

Revised Invoice: PEM Survey, Goatfell Property, B.C. (9521J02 of June 10)



The following expenses are due from the above project per our agreement of May 3, 1995. These expenses were paid by Crone Geophysics and are the return freight charges for shipping the equipment from Toronto and Brad Malpage's airfare. We have reimbursed Crone Geophysics for the same.

Expenses (sec 9.4)				
Freight charges - CAI	(at cost)	613.94	- 40.16 GST	573.78 ✓
Freight charges - Yamoto	(at cost)			325.00 ✓
Airfare - CAI	(at cost)	1869.29	- 122.29 GST	1747.00 ✓
Taxi	(at cost)			32.50 ✓
Total SCOTT charges:				2678.28
Plus GST (registration no. 104754106) @ 7 percent				187.48
TOTAL THIS INVOICE:				\$2865.76 ✓

Regards,

  
 Alan Scott

Encl. - copy of receipts

EXPENSE	DETAIL	PROJECT	AMOUNT	CF Y
70280	600	684	2678.28	
12957	000	000	187.48	
PAID BY	CHECKED	EXT & ADDS	CHECK NO	
J.R.			C00059 J695	

PAID AUG 10 1995

**APPENDIX "B"**  
**STATEMENT OF QUALIFICATIONS**

## **Statement of Qualifications**

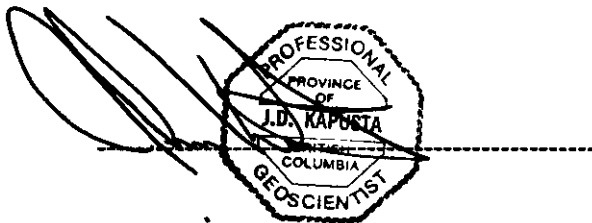
I John D. Kapusta, do hereby certify that:

I am a resident of British Columbia, residing at 7260 Gilhurst Crescent, Richmond, V7A1N9.

I am a graduate of the University of Manitoba, 1981 with a B.Sc. degree in Geology, and have practiced my profession on a full time basis since 1981.

I am a fully qualified geologist, registered as a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

I have been employed by Inmet Mining Corporation as a full time employee since 1988.



**John Kapusta -- Project Geologist**

**APPENDIX "C"**  
**CRONE SURFACE PULSE ELECTROMAGNETIC SURVEY REPORT**  
Prepared By Jim Hawkins of SCOTT GEOPHYSICAL LTD.

LOGISTICAL REPORT

CRONE SURFACE PULSE  
ELECTROMAGNETIC SURVEY

GOATFELL PROPERTY  
CRESTON AREA, B.C.

on behalf of

INMET MINING CORP.  
3rd Floor, 311 Water St.  
Vancouver, B.C. V6B 1B8

Field work completed  
May 29 to June 13, 1995

by

Jim Hawkins, Geophysicist  
SCOTT GEOPHYSICS LTD.  
4013 West 14th Avenue  
Vancouver, B.C. V6R 2X3

June 16, 1995



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Statement of Qualifications	rear of report
Crone PEM Profiles, 1:5000 scale	rear of report
Maps included with report (copies)	
Stacked Profile Maps - Loops #1 to #10, Horizontal and Vertical Components, Late Times, 1:5000 scale	map pockets
Loop Compilation Maps Horizontal and Vertical Components, Late Times, 1:10000 scale	map pockets
Maps accompanying report (reproducible vellums)	
As above:	map roll
Additional materials	
One floppy disk with all survey data	envelope

## 1. INTRODUCTION

A surface Crone Pulse EM survey was performed on the Goatfell Property, near Creston, B.C., by Scott Geophysics Ltd. on behalf of Inmet Mining Corp. The field work was done within the period of May 29 to June 13, 1995.

The Crone Pulse EM survey consisted of ten loops approximately 1 km x 1 km in size on the Goatfell Property. The horizontal (dBx/dt) and vertical (dBz/dt) components of the secondary magnetic field were measured at a 50 metre station interval on lines 200 metres apart.

This report presents the results of the survey and describes the instrumentation and procedures used on the survey.

## 2. PERSONNEL

Jim Hawkins, Geophysicist, was the party chief on the survey and acted as one of the operators of the PEM receiver. Brad Malpage of Crone Geophysics acted as technical advisor and operated the second PEM receiver. Two Scott Geophysics assistants, Scott Benson and Brendon Miller acted as loop layers. John Kapusta, Project Geologist, was the Inmet representative for the survey.

## 3. INSTRUMENTATION AND PROCEDURES

A Crone 20 channel digital PEM receiver and a Crone 4.8 kilowatt PEM transmitter were used on the surface Crone PEM surveys.

A single turn of 10 gauge wire, or two 12 gauge, approximately 1 km x 1 km was laid around the areas of interest and lines were surveyed within the transmitter loop, and 500 metres west of the loop edges, to get the optimum coupling. The dBx/dt and dBz/dt components were recorded every 50 metres, with closer readings taken to detail any anomalies.

Time reference between the receiver and transmitter was maintained by crystal clocks.

The receiver/transmitter settings were constant for the entire survey, namely; Ramp - 1.5 msec, Time Base - 16.6 msec, Current - 12 to 16 amps (peak to peak), and Stacking - 512.

The survey data was archived, processed, and plotted using a Toshiba T3200SX microcomputer running Crone PEM and proprietary software.

#### 4. DISCUSSION OF RESULTS

Please refer to Loop Compilation Maps in rear map pockets for overall loop layout, and individual loop Stacked Profile Maps. Cultural objects such as gas pipelines, railroads, etc. are noted on the Crone profiles at rear of the report.

##### Loop #1

The data collected on Loop #1 was greatly affected by cultural objects, such as the railroad, gas pipeline, and power line. Even though BC Gas turned off the rectifiers on the two gas pipelines in the area at our request, they still corrupted large amounts of the survey coverage.

No significant anomalies, other than cultural effects, appear to be present on any of these lines (see plots at end of this report).

##### Loop #2

Loop #2 was also greatly affected by the same cultural objects. For this reason, and the fact that the three northern lines and all western line extensions were not cut in very bad bush, some line sections were not surveyed. Coverage was such to ensure that no significant anomalies were missed. The southern loop edge was mistakenly laid down Line ON, so Line 100N was surveyed to compensate.

No significant anomalies, other than cultural effects, were found on these lines.

##### Loop #3

Loop #3 was also greatly affected by the gas pipeline, railroad, and powerline. No significant anomalies, other than cultural effects, were found.

##### Loop #4

The northern edge of Loop #4 was mistakenly laid down Line ON, so only four lines were surveyed from Loop #4. The western extensions of these lines were not cut.

No significant anomalies were detected.

Loop #5

A two station anomaly in the horizontal component is apparent on the extreme eastern end of Line 1800AS. There is no apparent north-south extension. There appears to be a general increase in amplitude from west to east, indicating a possible "charged body" off the survey area to the east.

Loop #6

No significant anomalies were detected on these lines.

Loop #7

Significant chainage errors resulted in what appears to be quite different line coverage, although all lines were surveyed from loop edge to loop edge. No significant anomalies were detected.

Loop #8

No significant anomalies were detected on these lines.

Loop #9

No significant anomalies were detected on these lines.

Loop #10

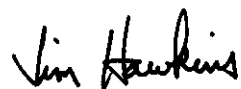
This portion of the grid was very confused, with lines suddenly jogging over up to 100 metres when you crossed the baseline. The results are plotted on an idealized grid, as little sense could be made of the real grid. No significant anomalies were detected on these lines.

5. RECOMMENDATIONS

Little or no significant anomalies that are not the result of cultural effects were found on the survey.

A detailed interpretation of these results, and correlation to geological and geochemical data, is required before any specific recommendations could be made.

Respectfully submitted,

A handwritten signature in cursive script that reads "Jim Hawkins".

Jim Hawkins, P. Geoph.

Statement of Qualifications

for

Jim Hawkins, Geophysicist

of

762 Dehart Road  
Kelowna, B.C. V1Y 8R3

I, Jim Hawkins, hereby certify the following statements regarding my qualifications, and my involvement in the program of work described in this report.

1. The work was performed by individuals sufficiently trained and qualified for its performance.
2. I have no material interest in the property under consideration in this report, nor in the company on whose behalf the work was performed.
3. I graduated from the University of Western Ontario with a Bachelor of Science degree (Geophysics) in 1977.
4. I am a licensee of the Association of Professional Engineers, Geologists, and Geophysicists of Alberta (P. Geoph.).
5. I have been practicing my profession as a Geophysicist since 1977.

Respectfully submitted,



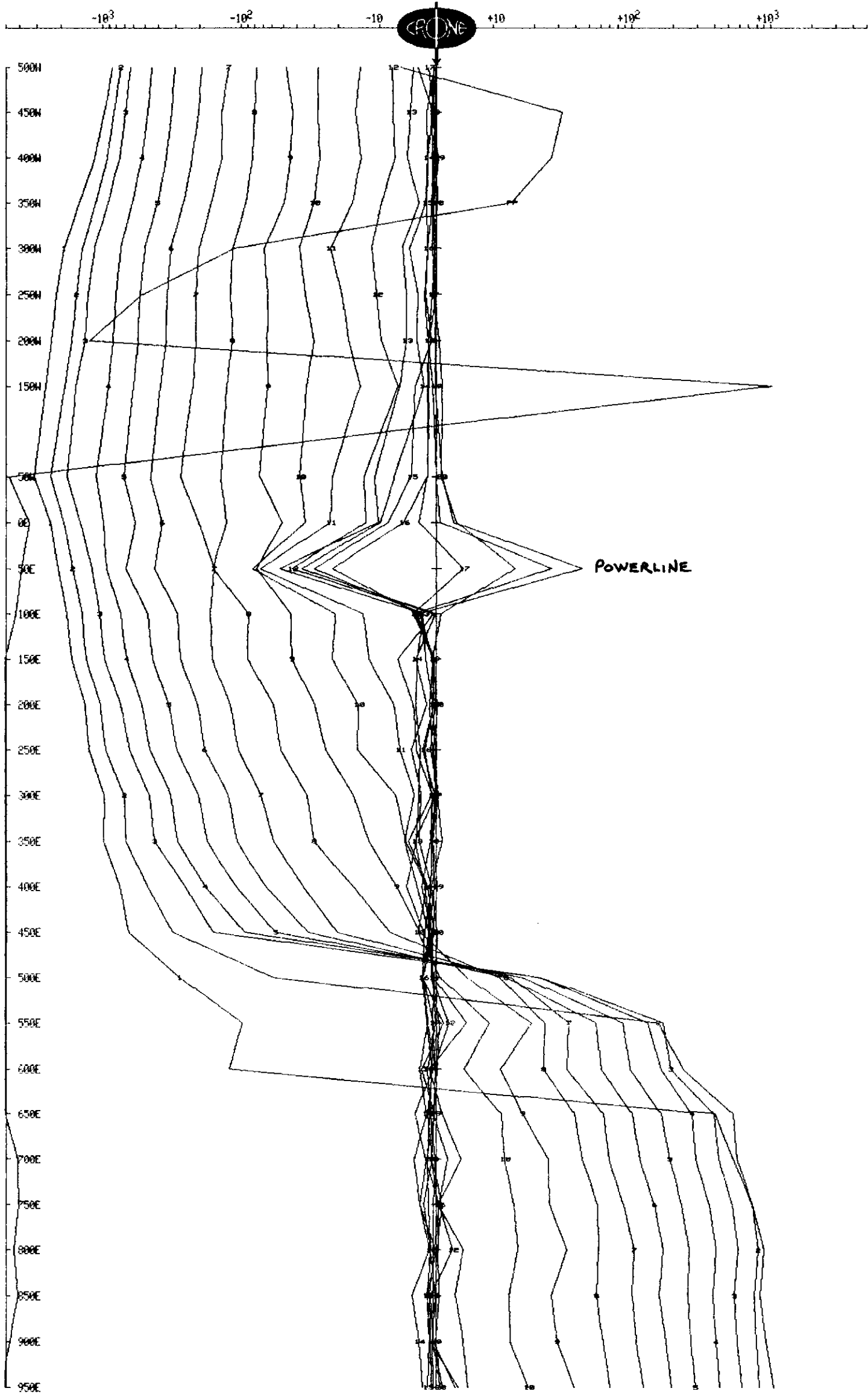
Jim Hawkins, P. Geoph.

# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 10, 1995

Line : L1200N  
Tx Loop : 1  
File name : L12N1.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000

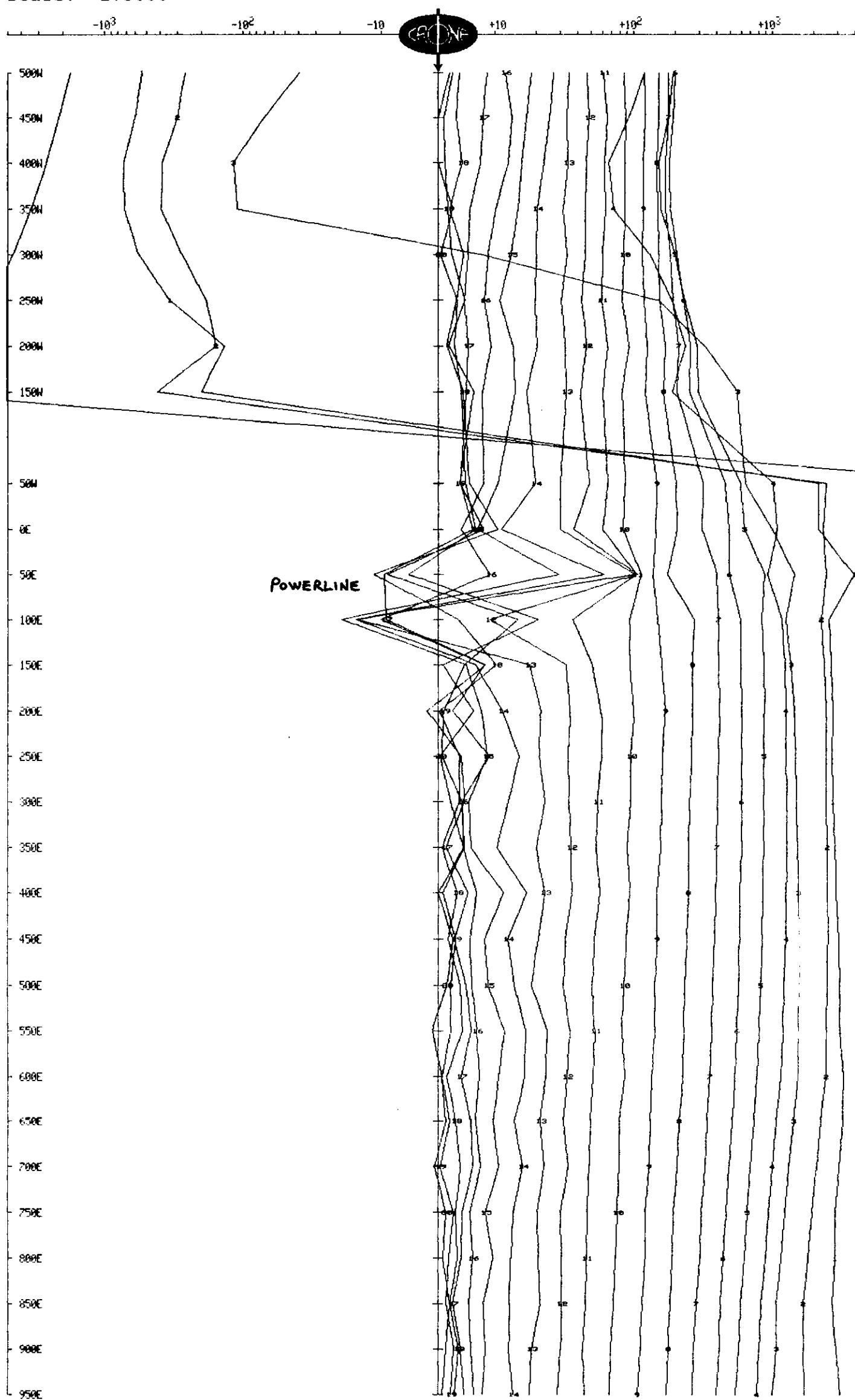


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Grid : GOATFELL  
Date : Jun 10, 1995

Line : L1200N  
Tx Loop : 1  
File name : L12N1.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



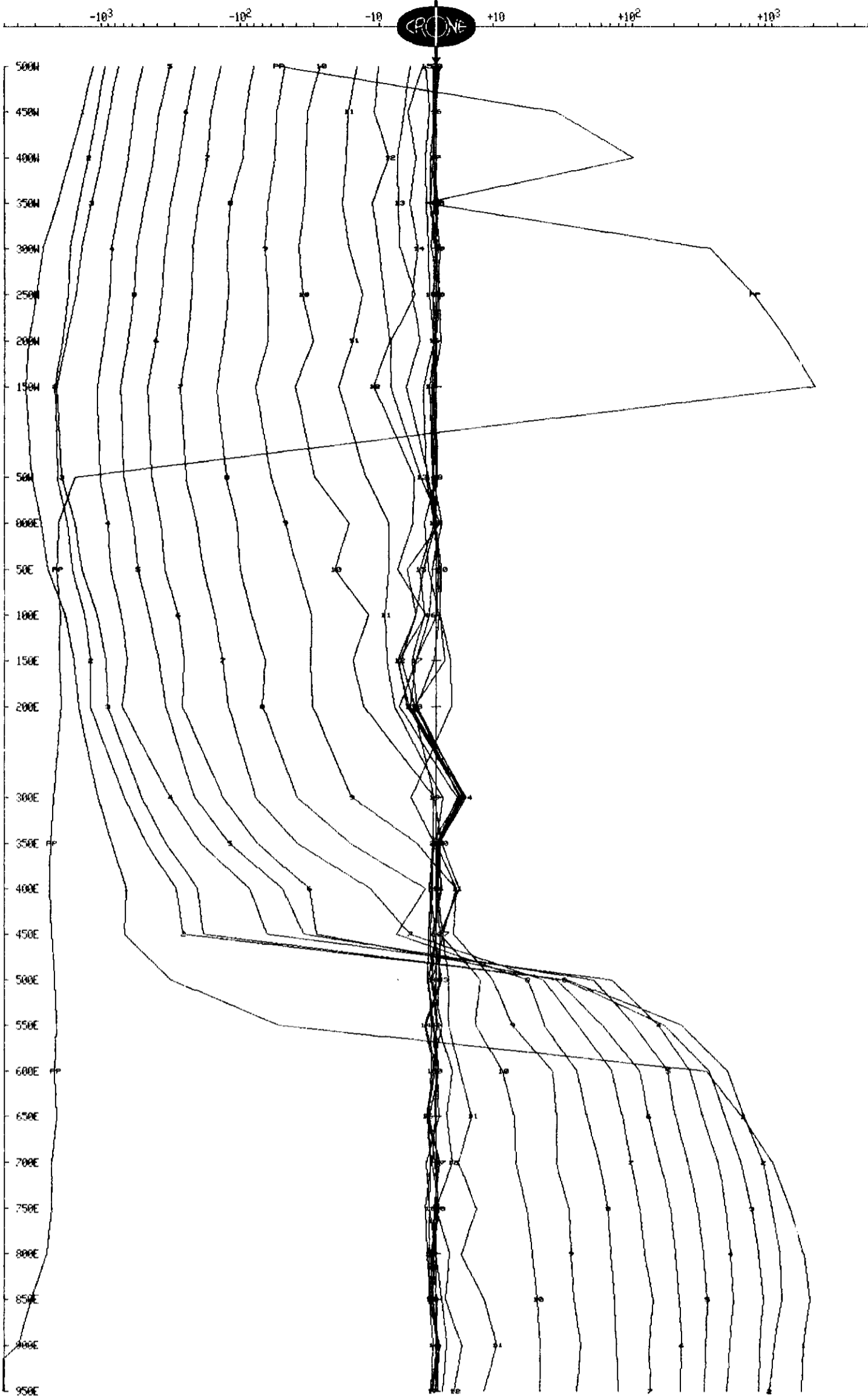


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Grid : GOATFELL  
Date : Jun 10, 1995

Line : L1000N  
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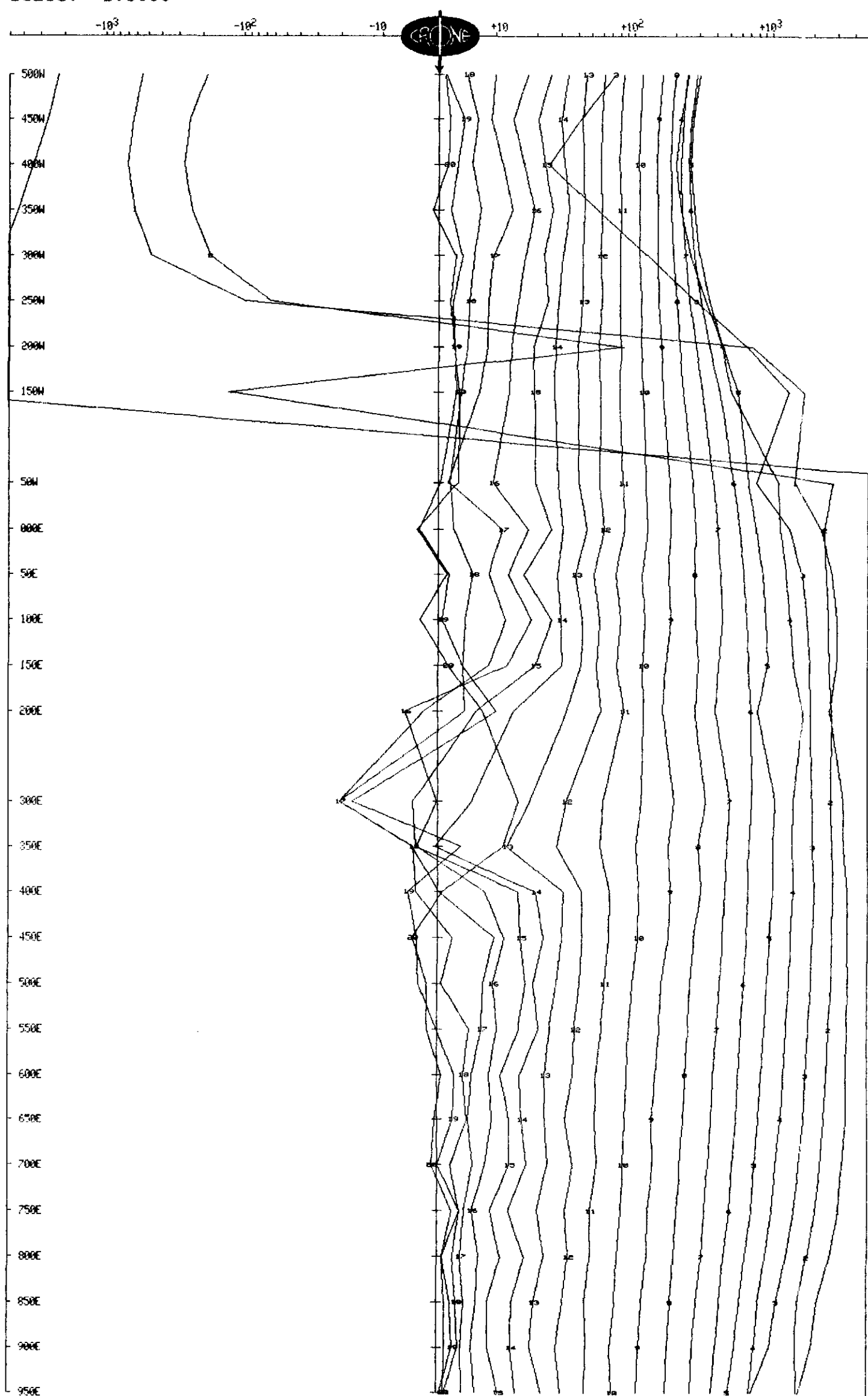


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Grid : GOATFELL  
Date : Jun 10, 1995

Line : L1000N  
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File name : L10N1.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
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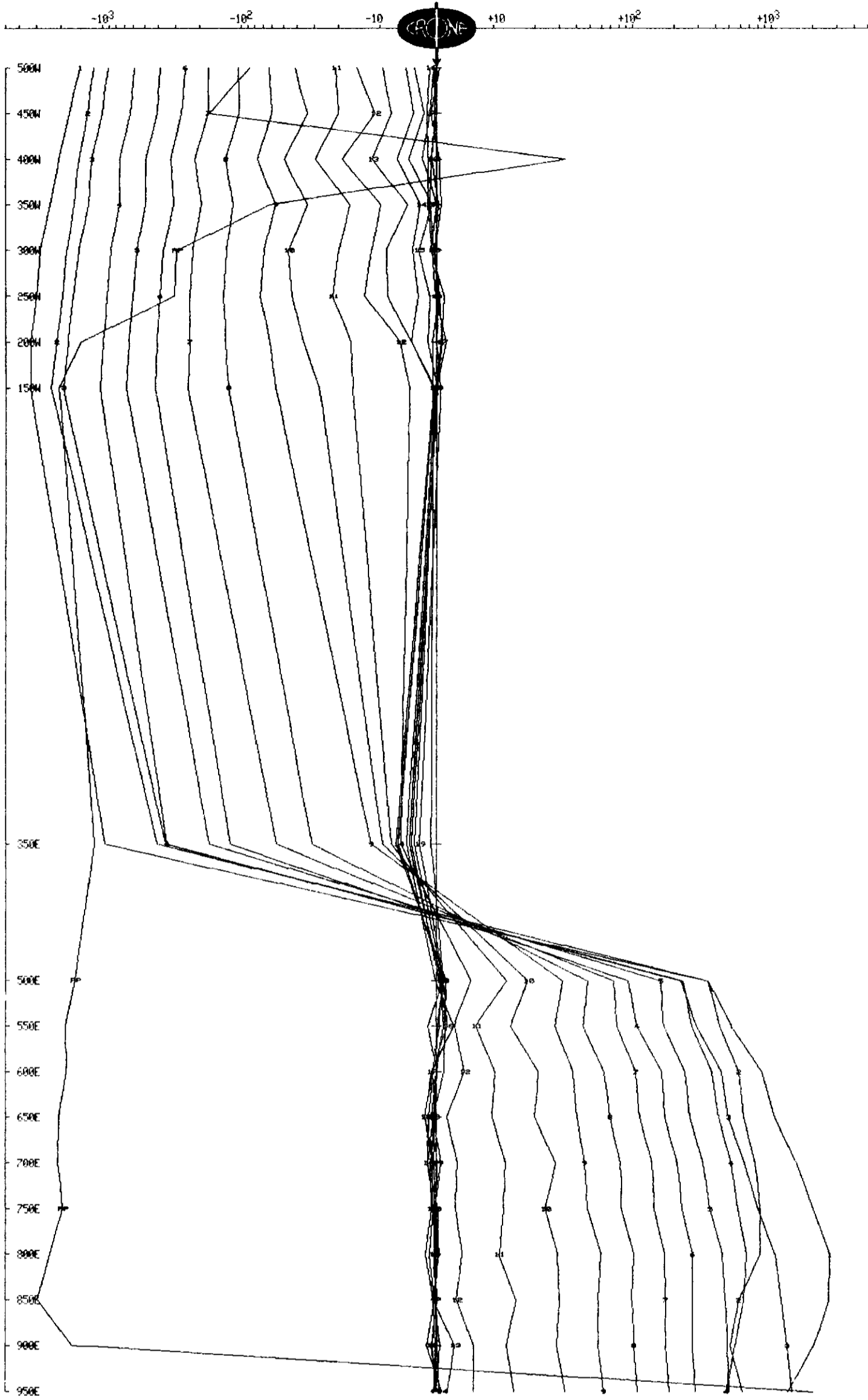


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Client : INMET  
Grid : GOATFELL  
Date : Jun 10, 1995

Line : L800N  
Tx Loop : 1  
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IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
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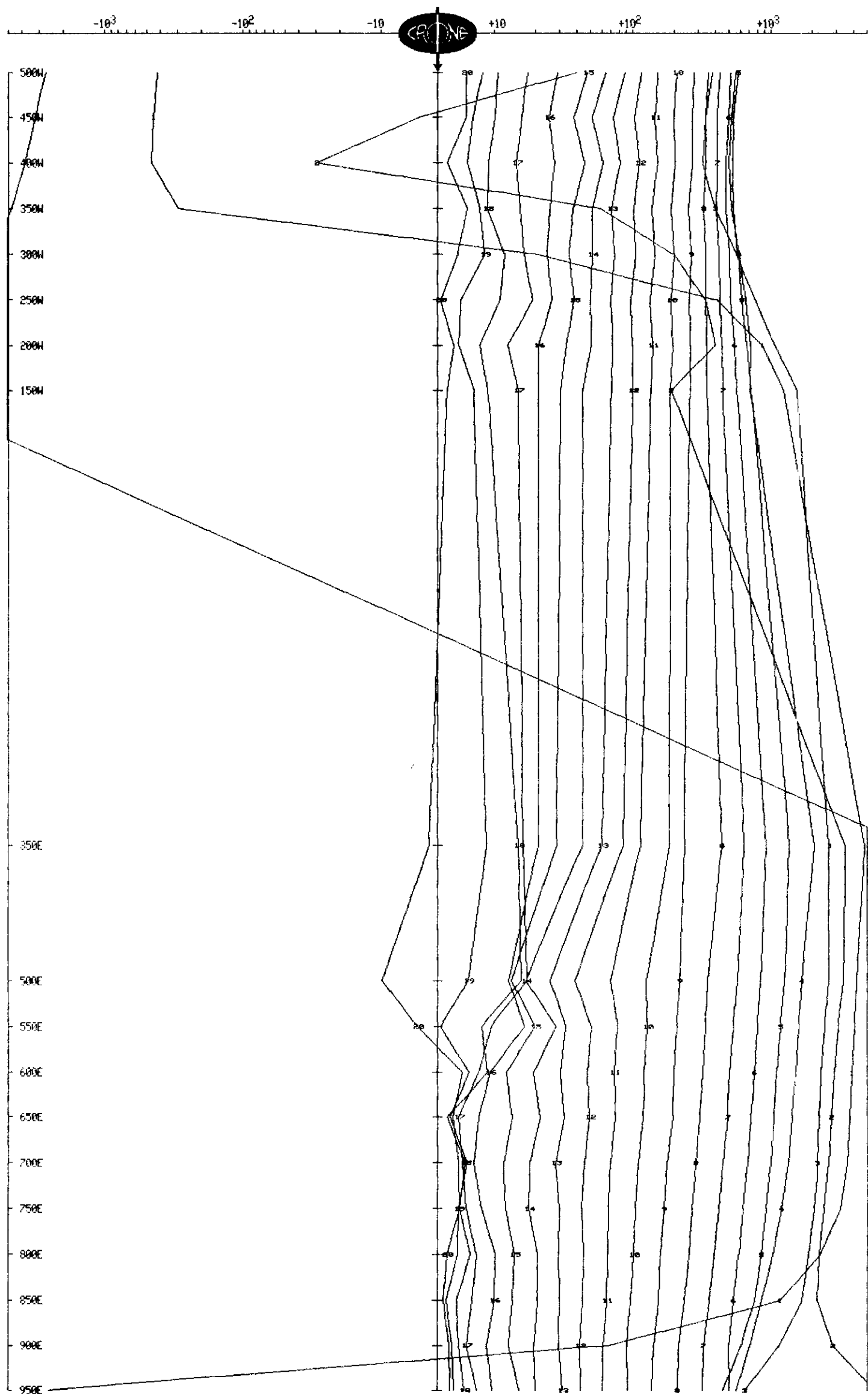


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Grid : GOATFELL  
Date : Jun 10, 1995

Line : L800N  
Tx Loop : 1  
File name : L8N1.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



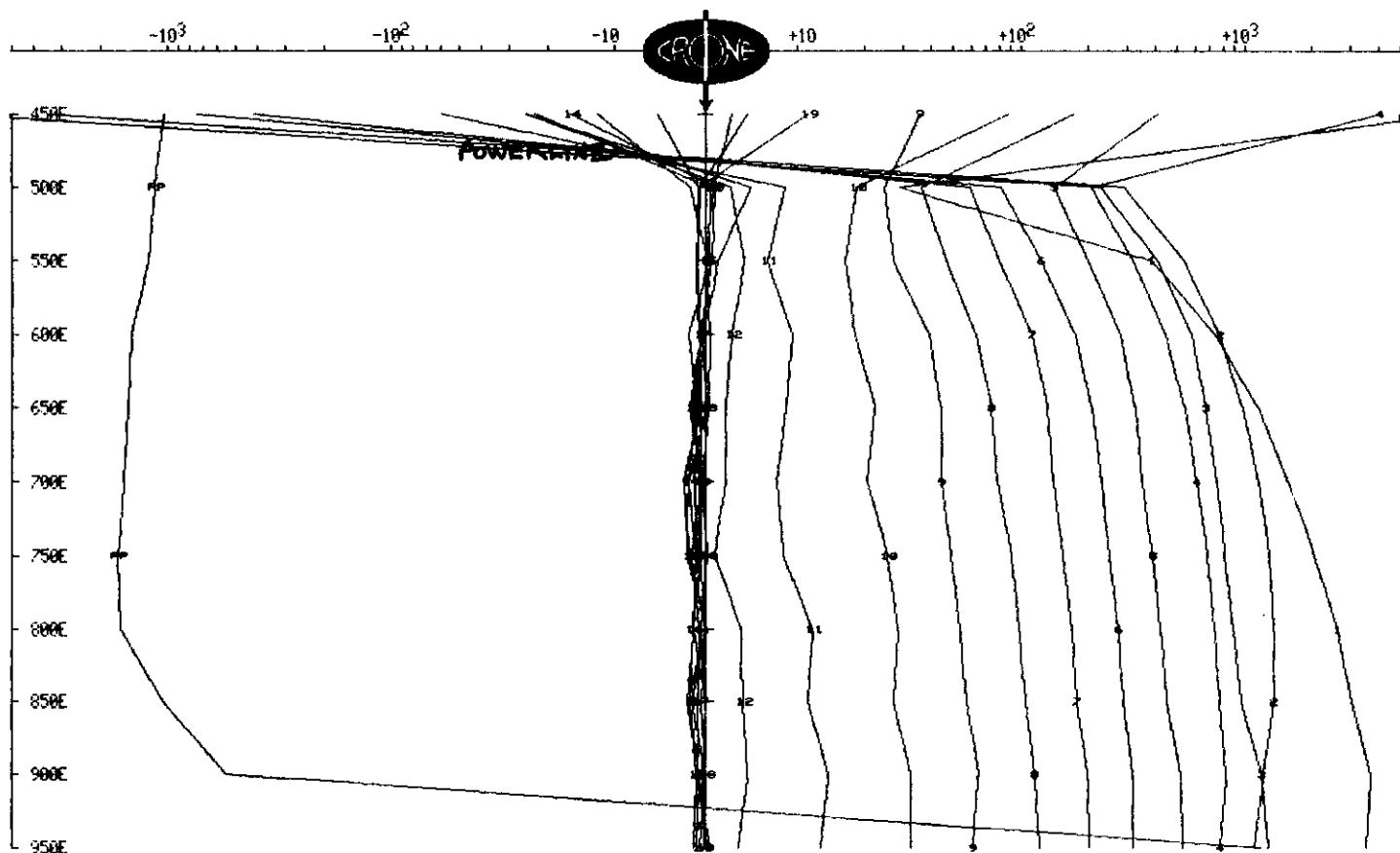
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Grid : GOATFELL  
Date : Jun 11, 1995

Line : L600N  
Tx Loop : 1  
File name : L6N1.PEM

IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



# CRONE GEOPHYSICS & EXPLORATION LTD

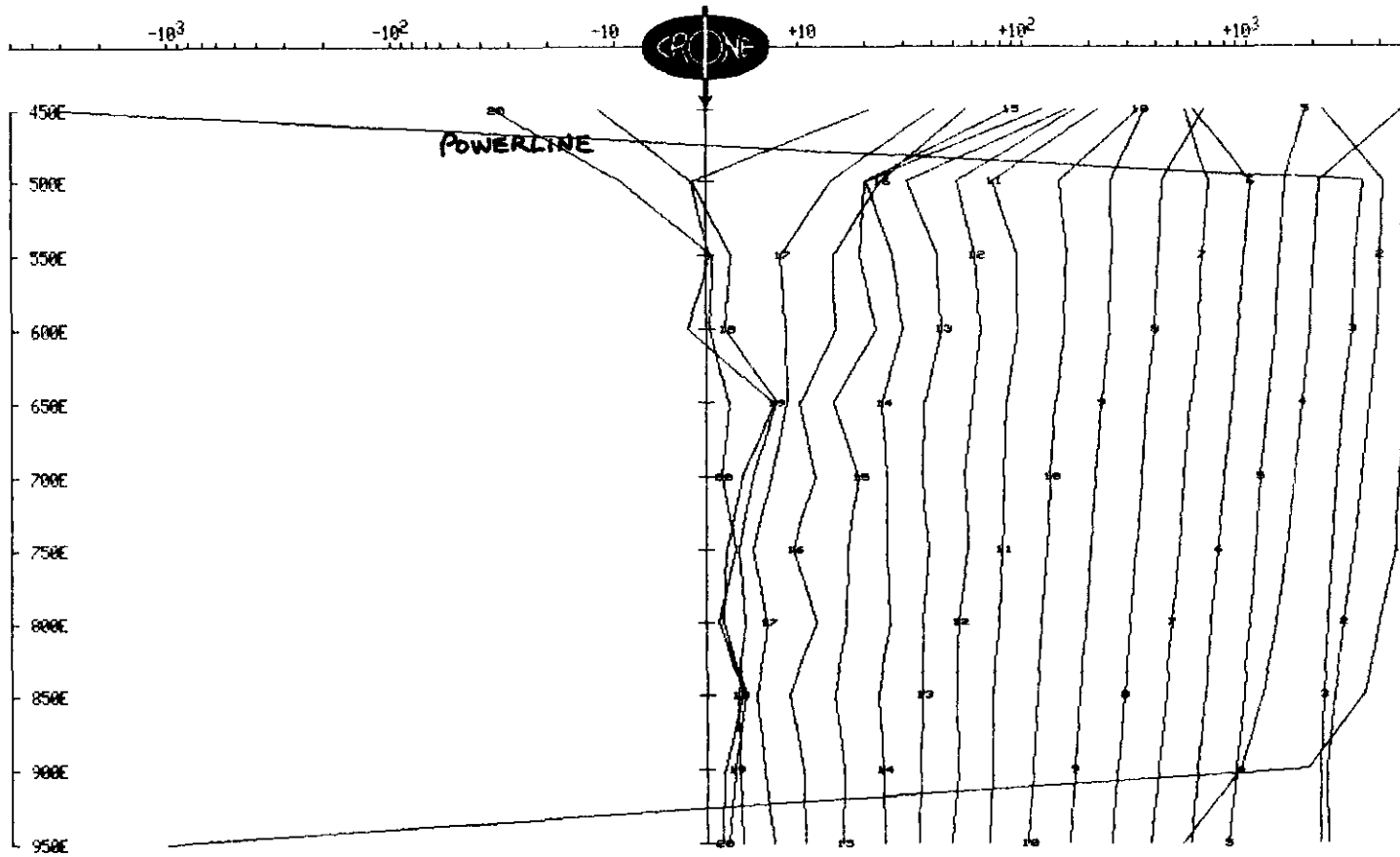
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Date : Jun 11, 1995

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VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

Scale: 1:5000



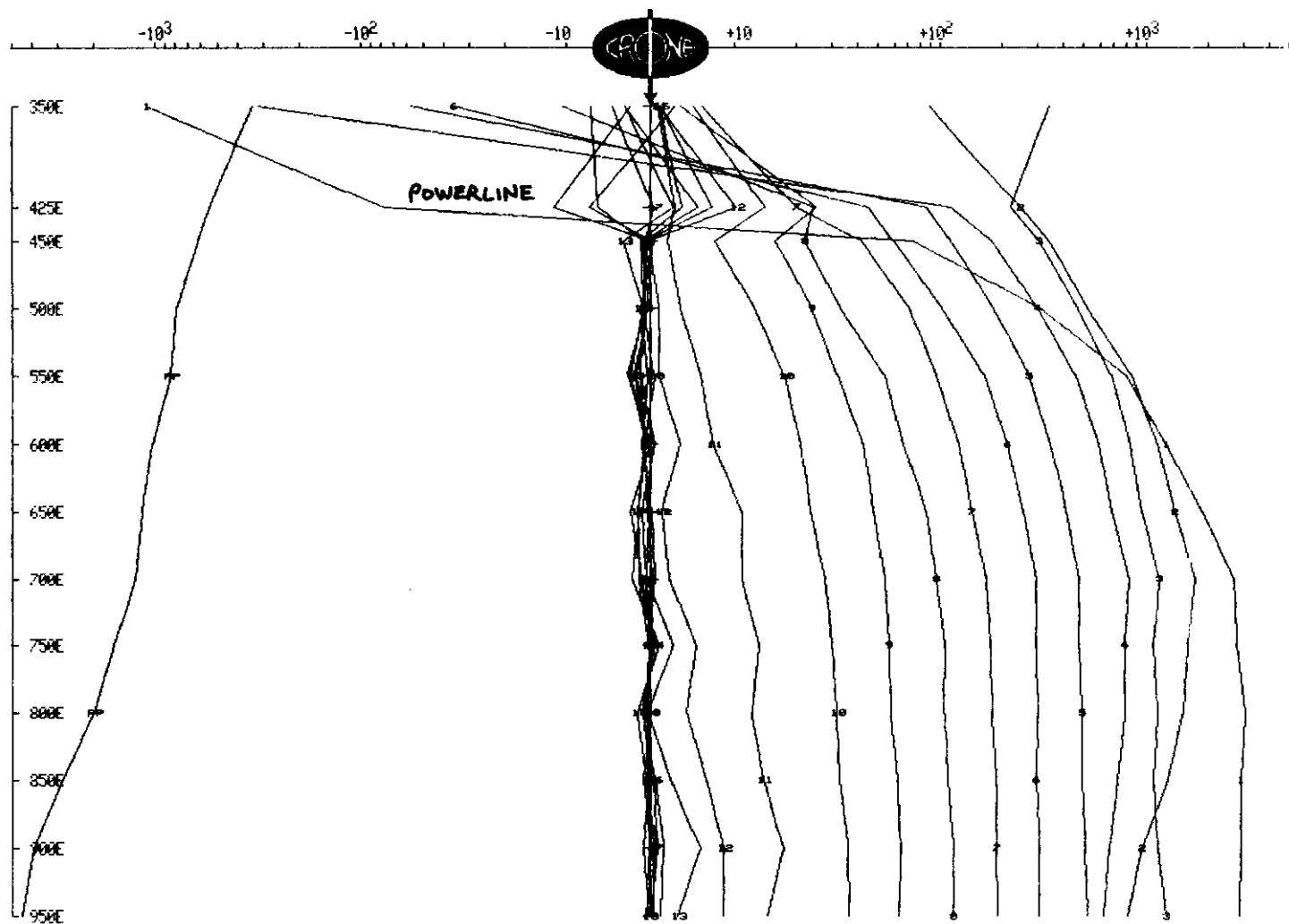
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Client : INMET  
Grid : GOATFELL  
Date : Jun 11, 1995

Line : L400N  
Tx Loop : 1  
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IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
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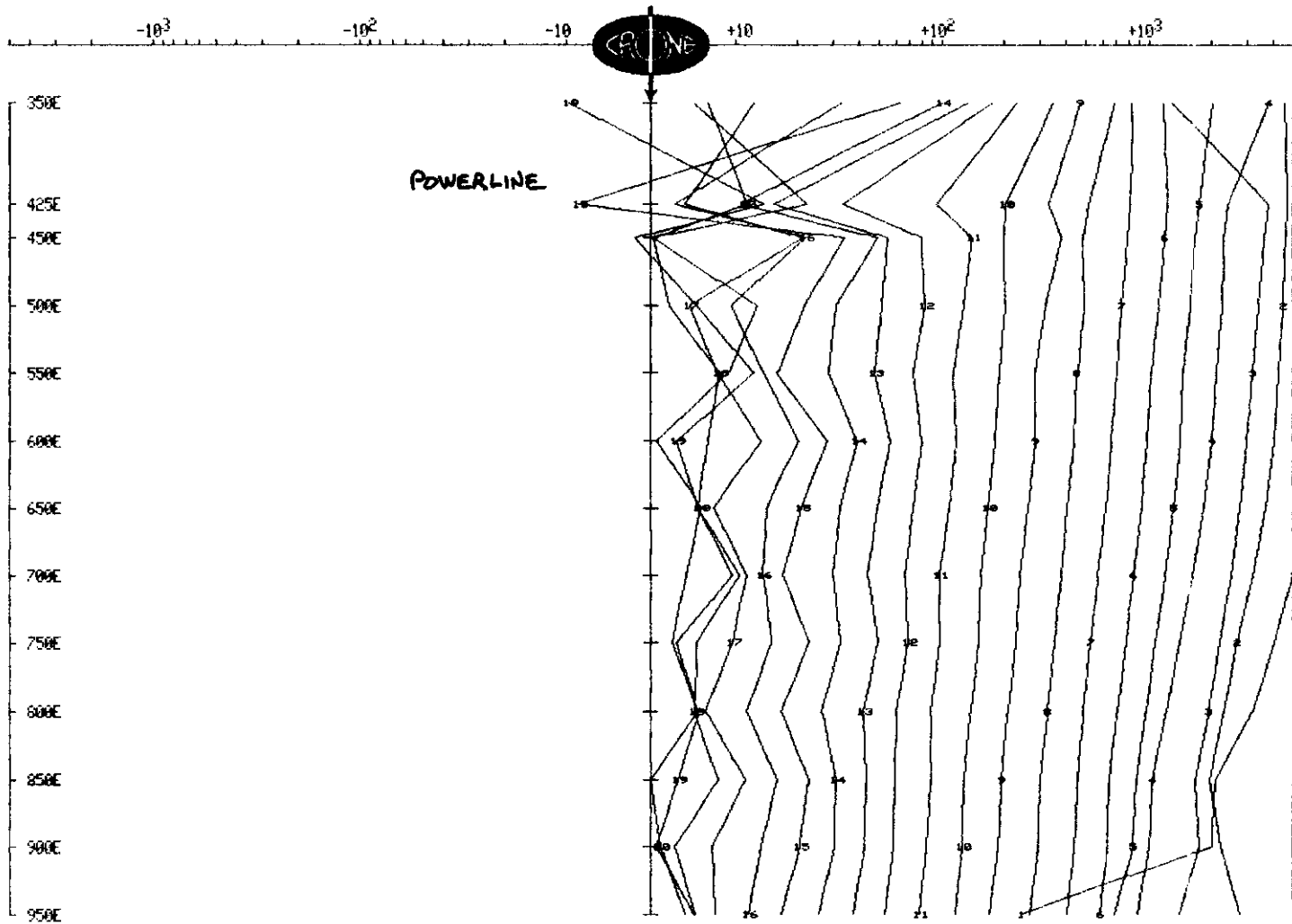
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Date : Jun 11, 1995

Line : L400N  
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File name : L4N1.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000





# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 11, 1995

Line : L200N  
Tx Loop : 1  
File name : L2N1.PEM

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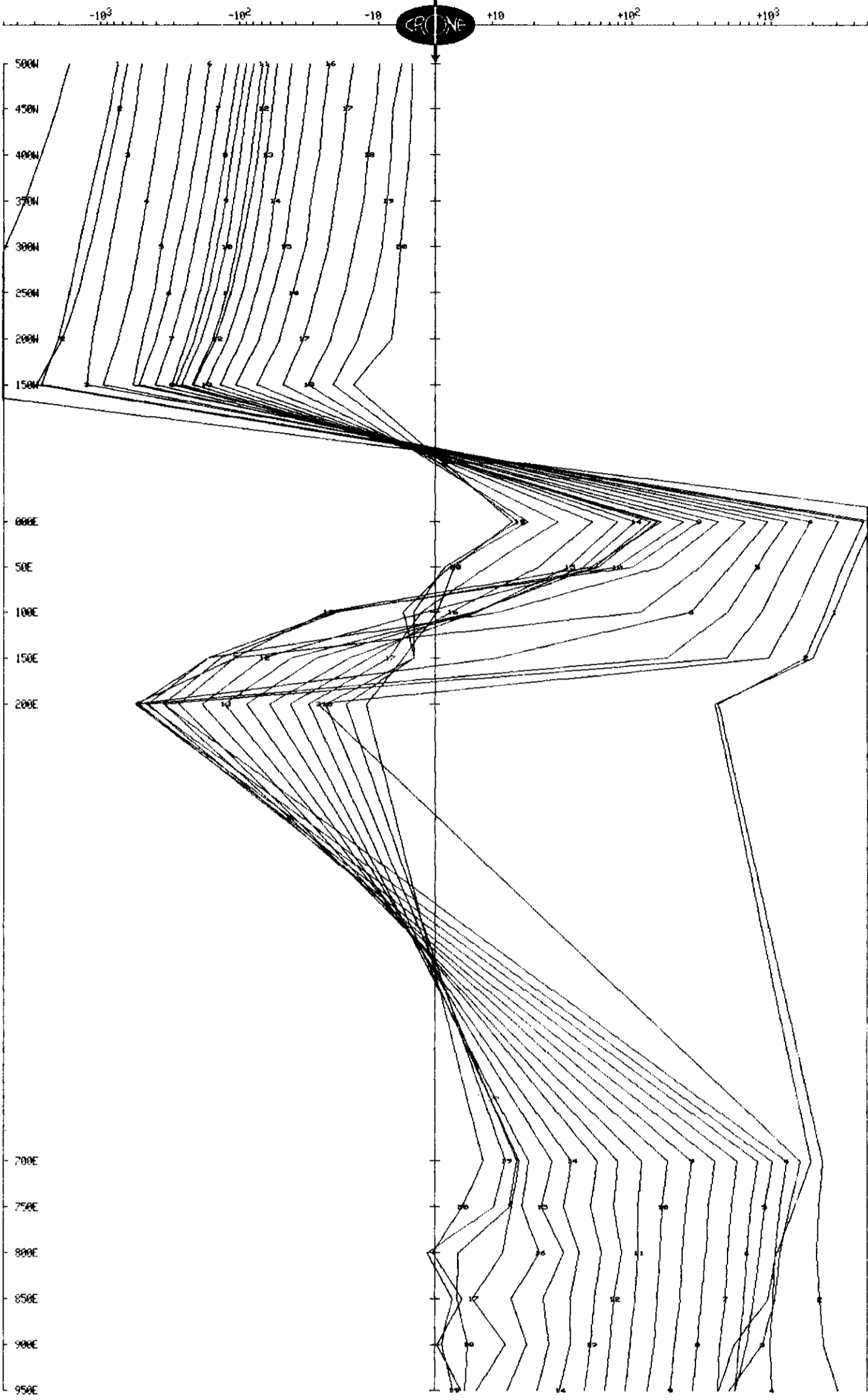


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Date : Jun 11, 1995

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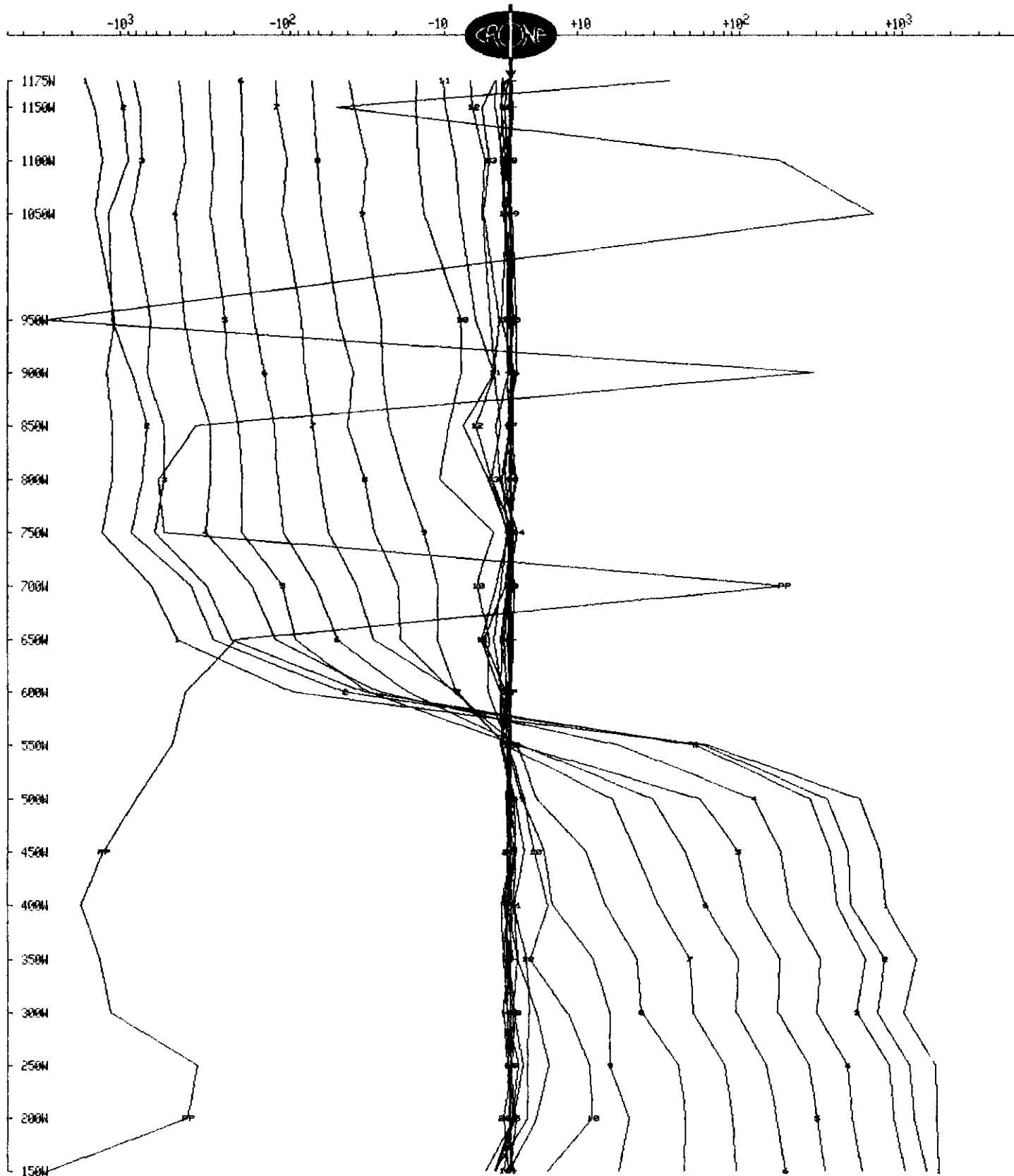
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Client : INMET  
Grid : GOATFELL  
Date : Jun 9, 1995

Line : L1200N  
Tx Loop : 2  
File name : L12N2.PEM

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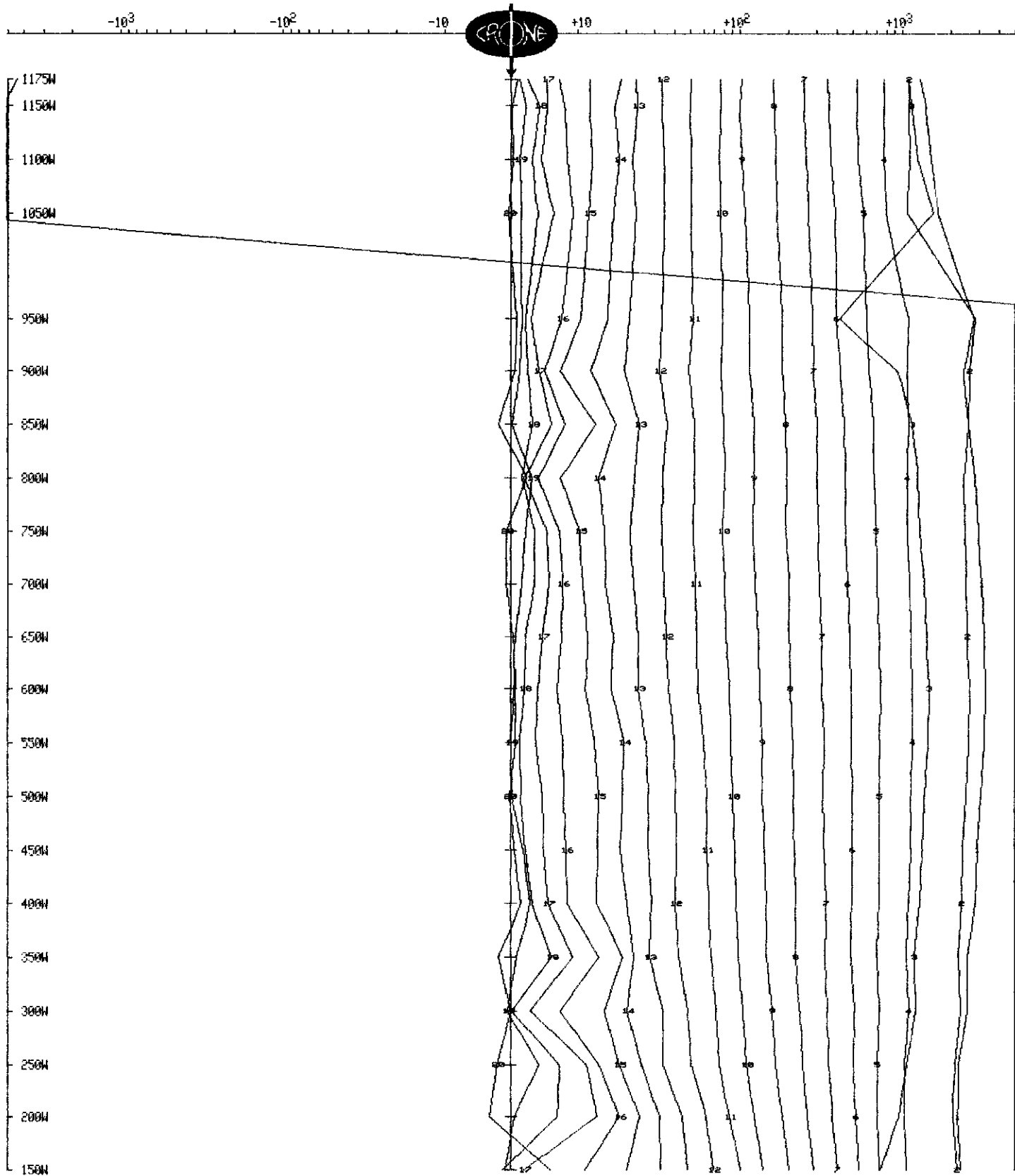
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Date : Jun 9, 1995

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File name : L12N2.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
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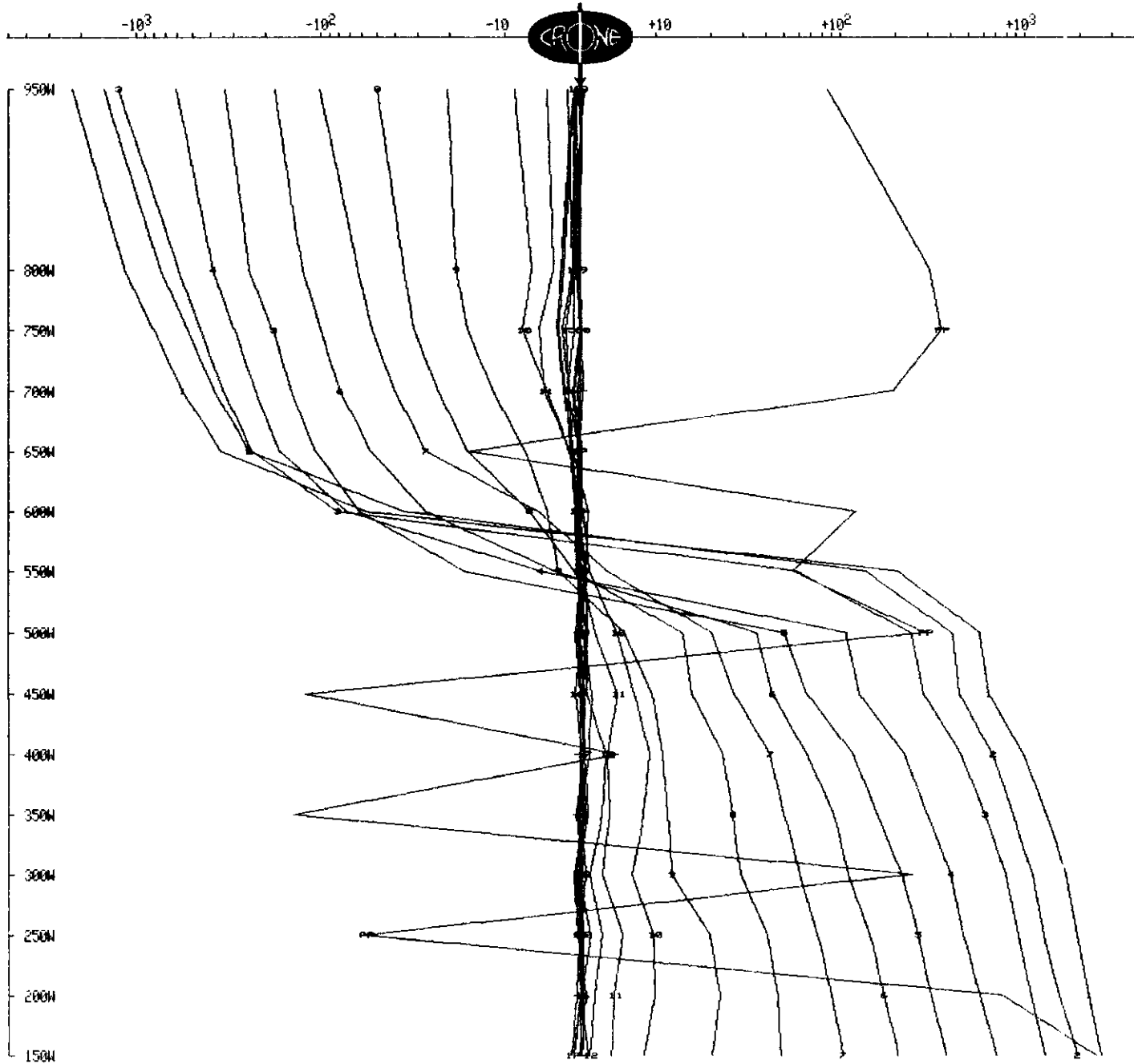
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Client : INMET  
Grid : GOATFELL  
Date : Jun 9, 1995

Line : L800N  
Tx Loop : 2  
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IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
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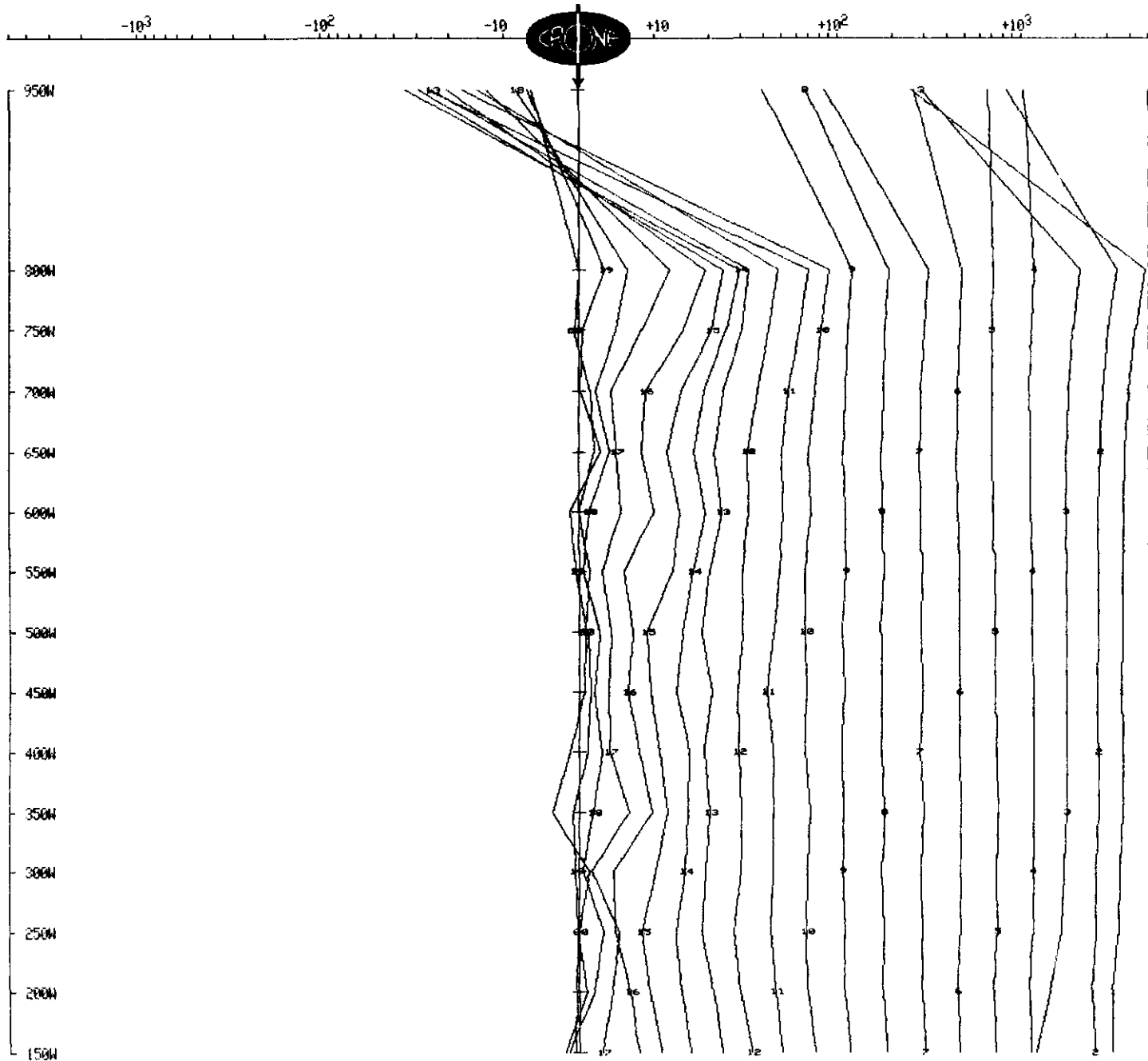
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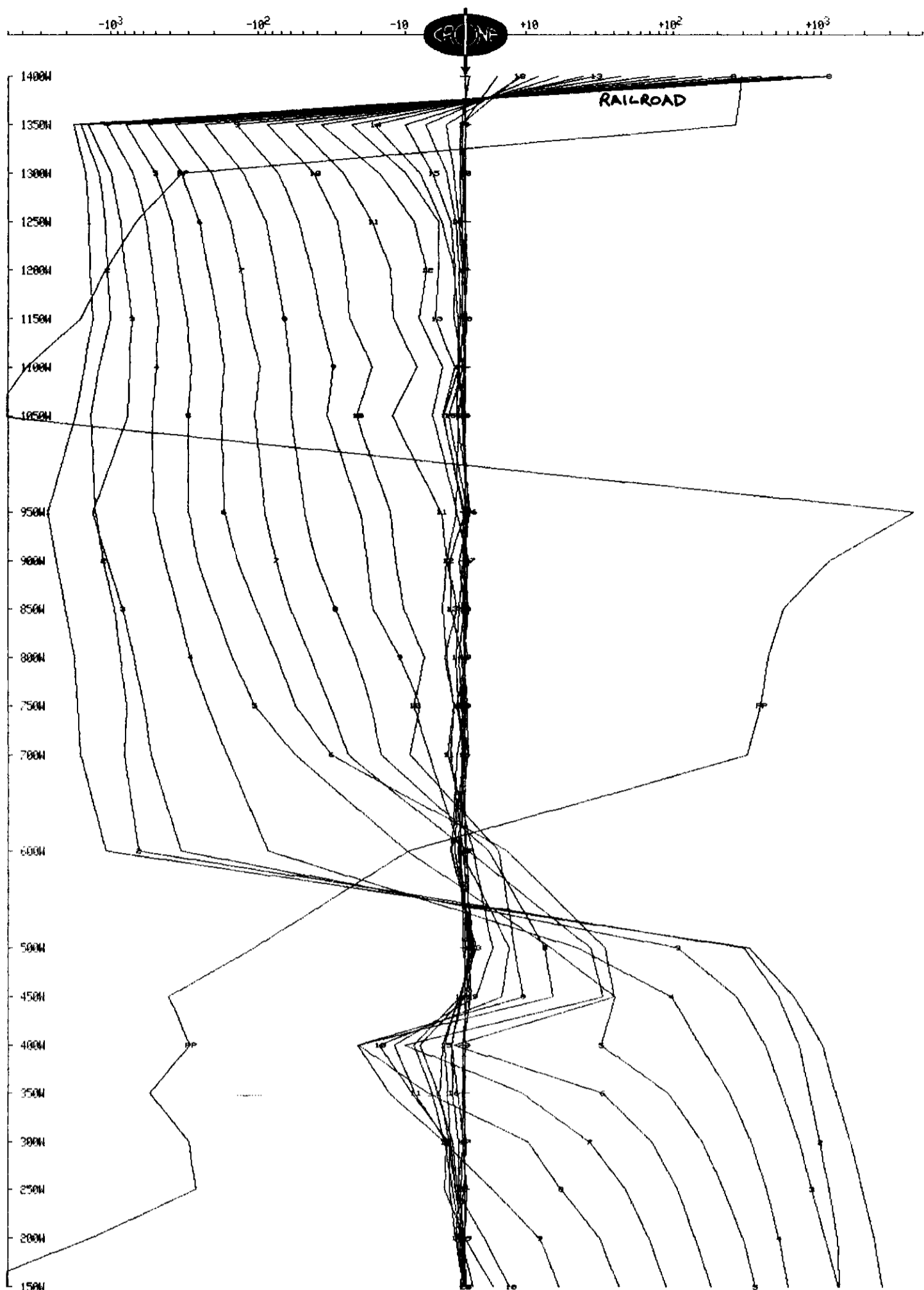


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Client : INMET  
Grid : GOATFELL  
Date : Jun 9, 1995

Line : L600N  
Tx Loop : 2  
File name : L6N2.PEM

IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
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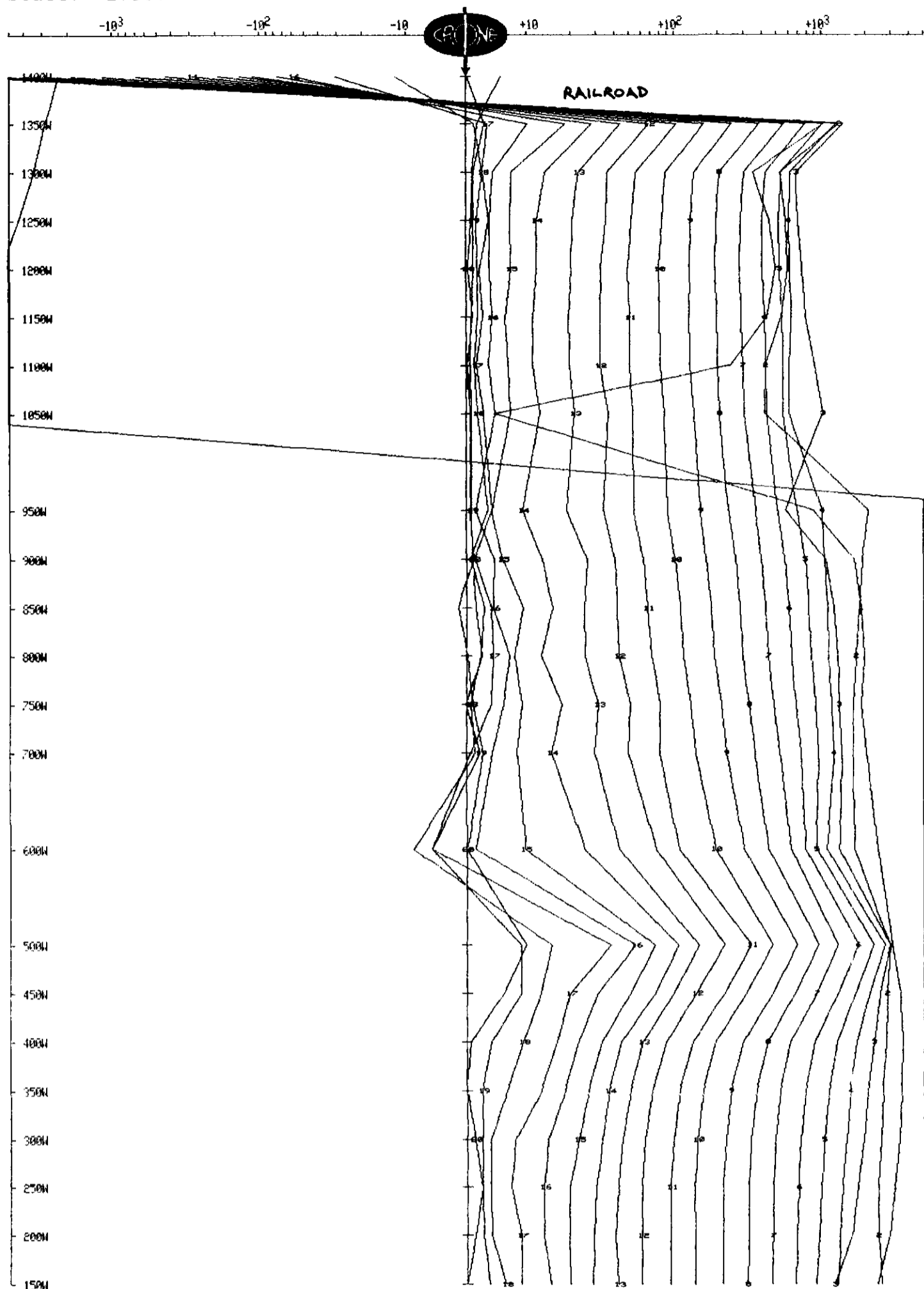


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Grid : GOATFELL  
Date : Jun 9, 1995

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File name : L6N2.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
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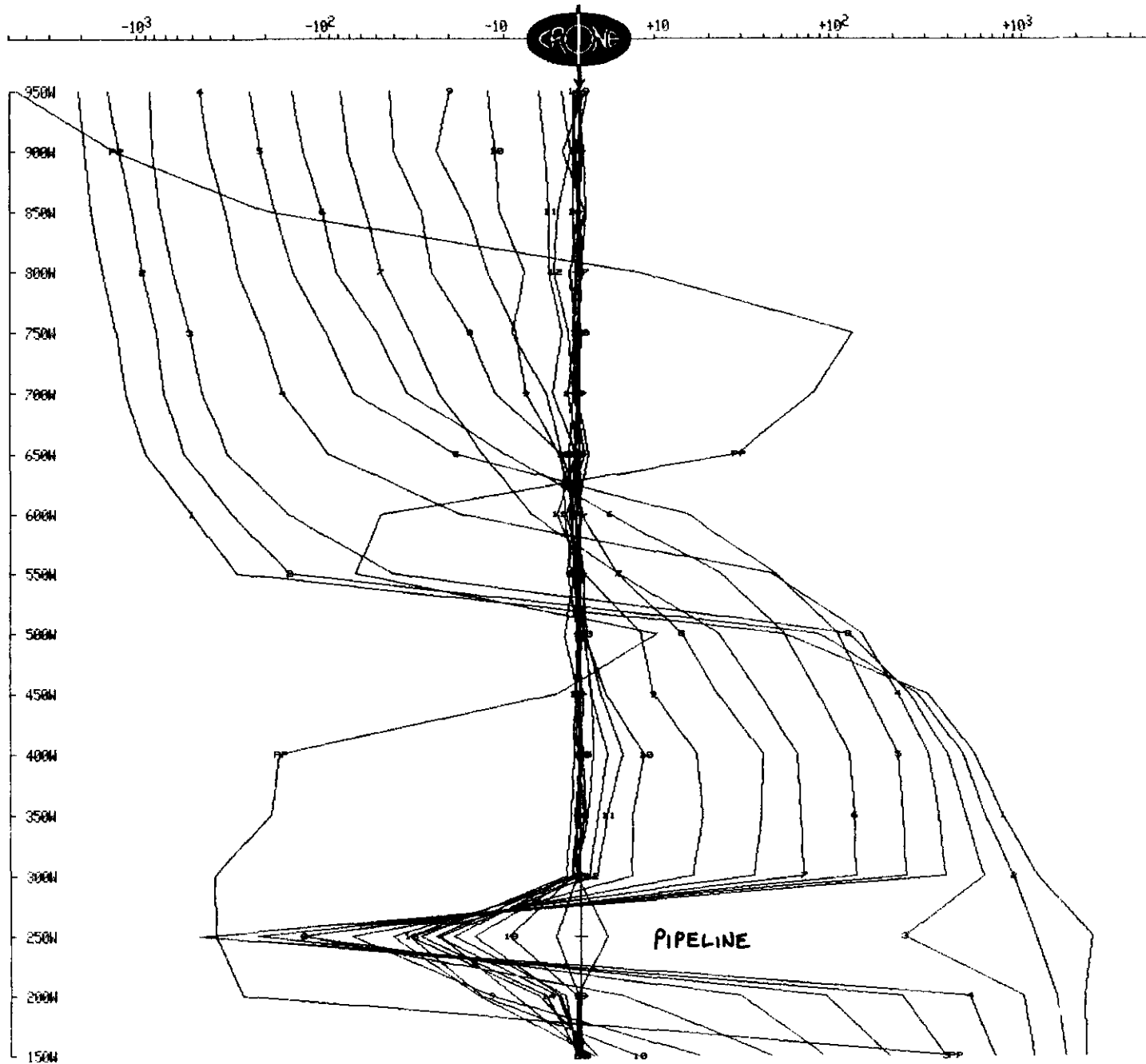
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## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 9, 1995

Line : L400N  
Tx Loop : 2  
File name : L4N2.PEM

IN-LINE HORIZONTAL COMPONENT  $\text{dBx/dt}$  nanoTesla/sec - 20 channels and PP  
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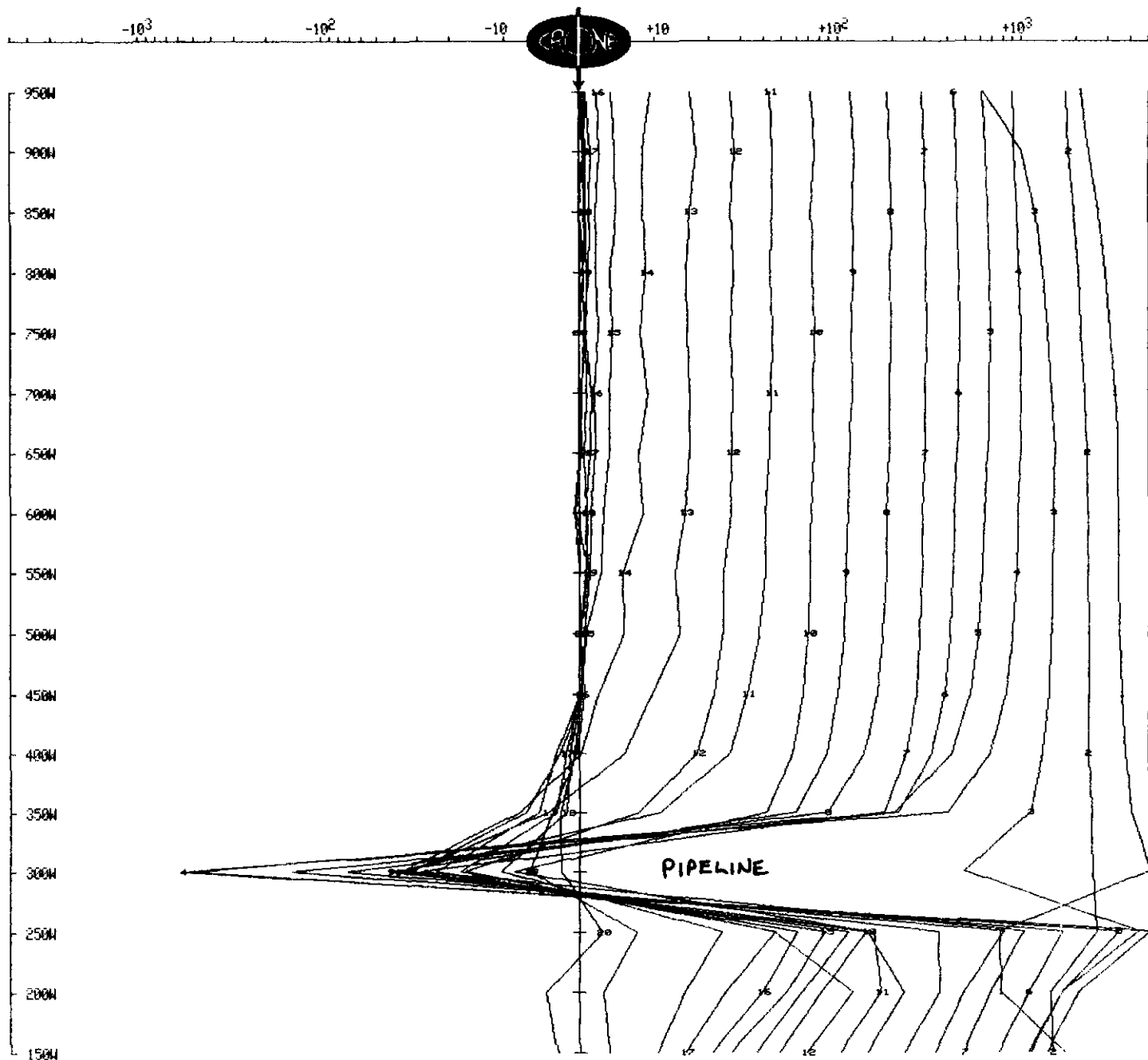
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Line : L400N  
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File name : L4N2.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
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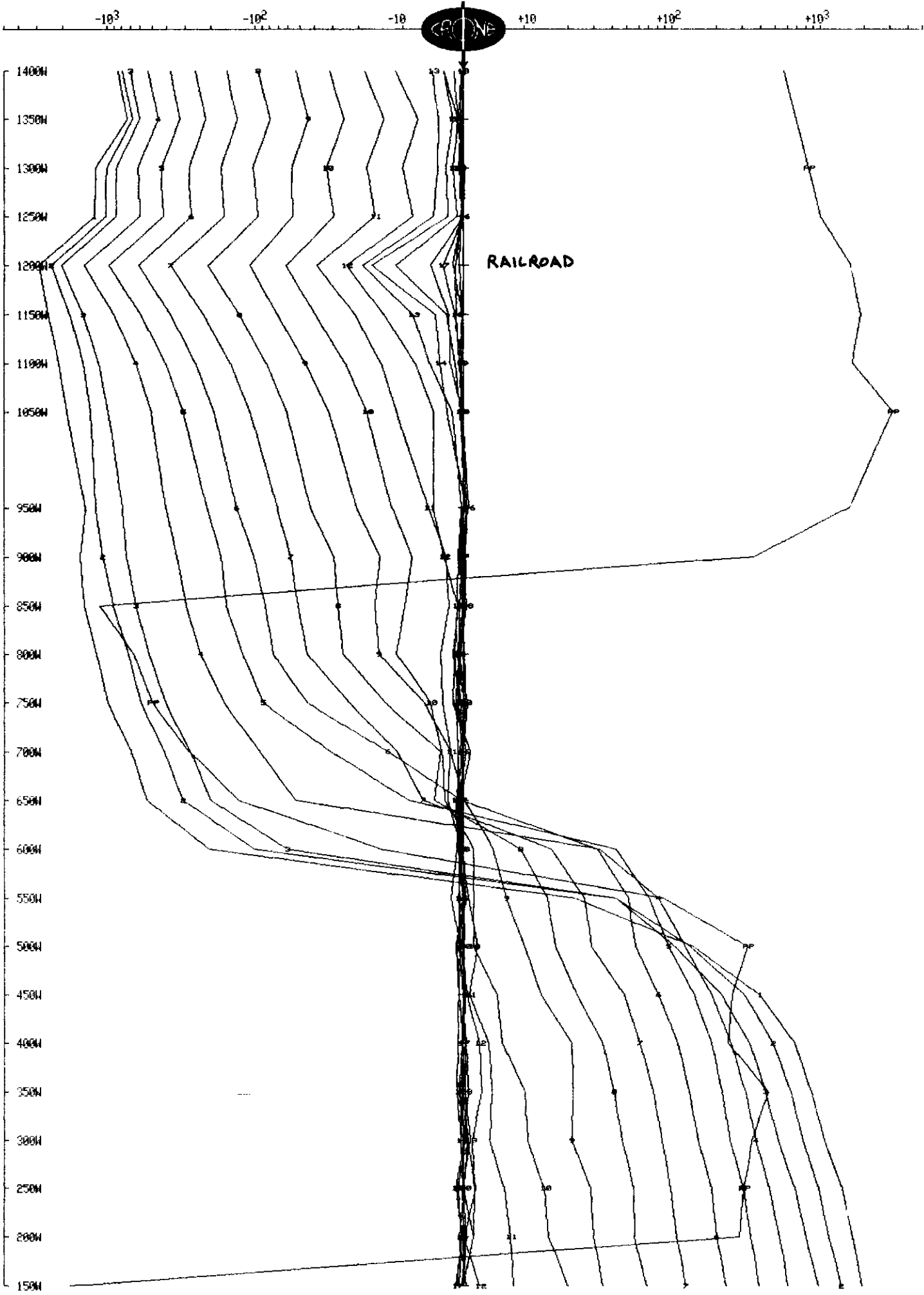
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Client : INMET  
Grid : GOATFELL  
Date : Jun 9, 1995

Line : L200N  
Tx Loop : 2  
File name : L2N2.PEM

IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
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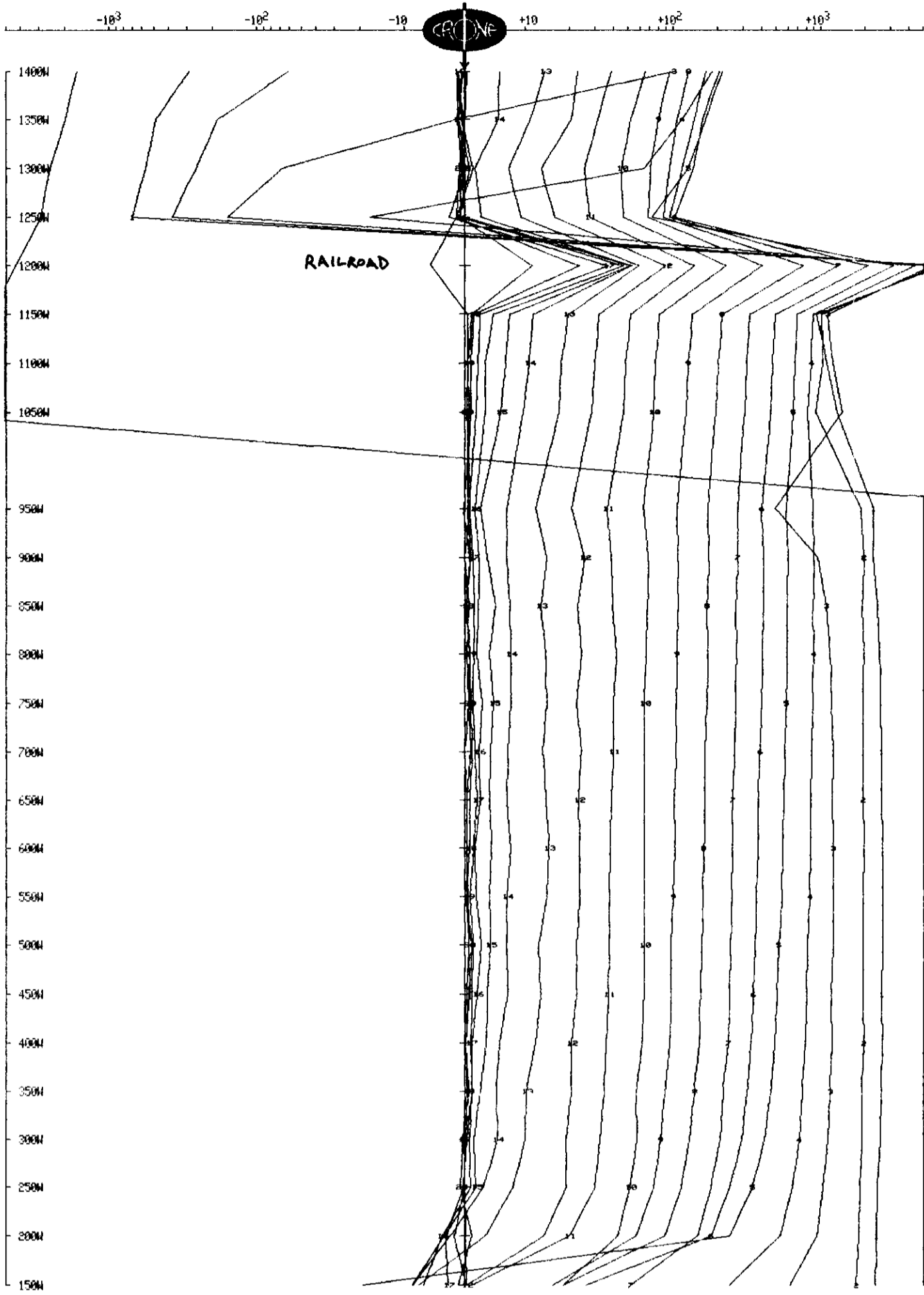


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Client : INMET  
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Date : Jun 9, 1995

Line : L200N  
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VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
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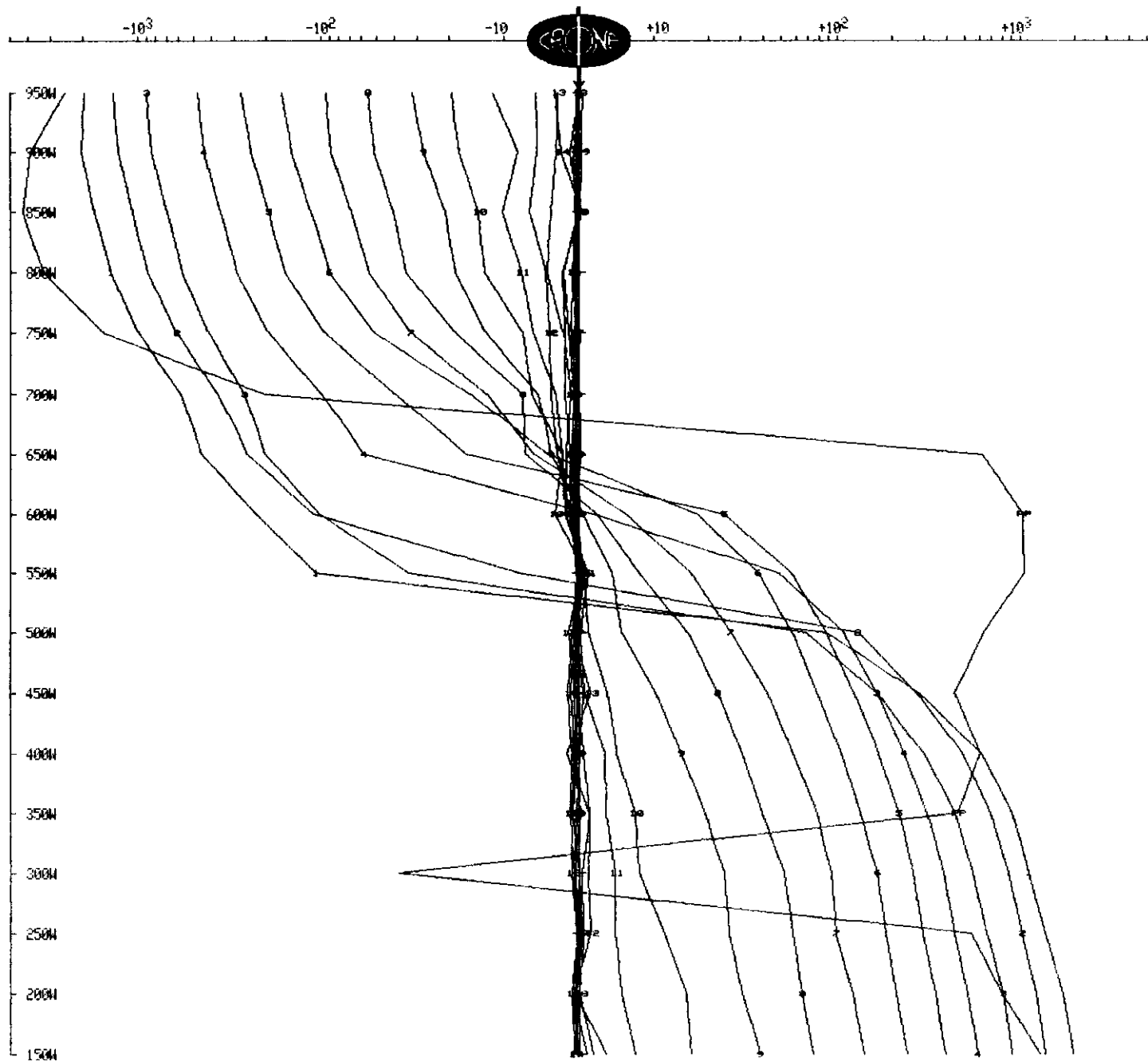
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## SURFACE PEM

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Grid : GOATFELL  
Date : Jun 9, 1995

Line : L100N  
Tx Loop : 2  
File name : L1N2.PEM

IN-LINE HORIZONTAL COMPONENT  $\text{dBx}/\text{dt}$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



# CRONE GEOPHYSICS & EXPLORATION LTD

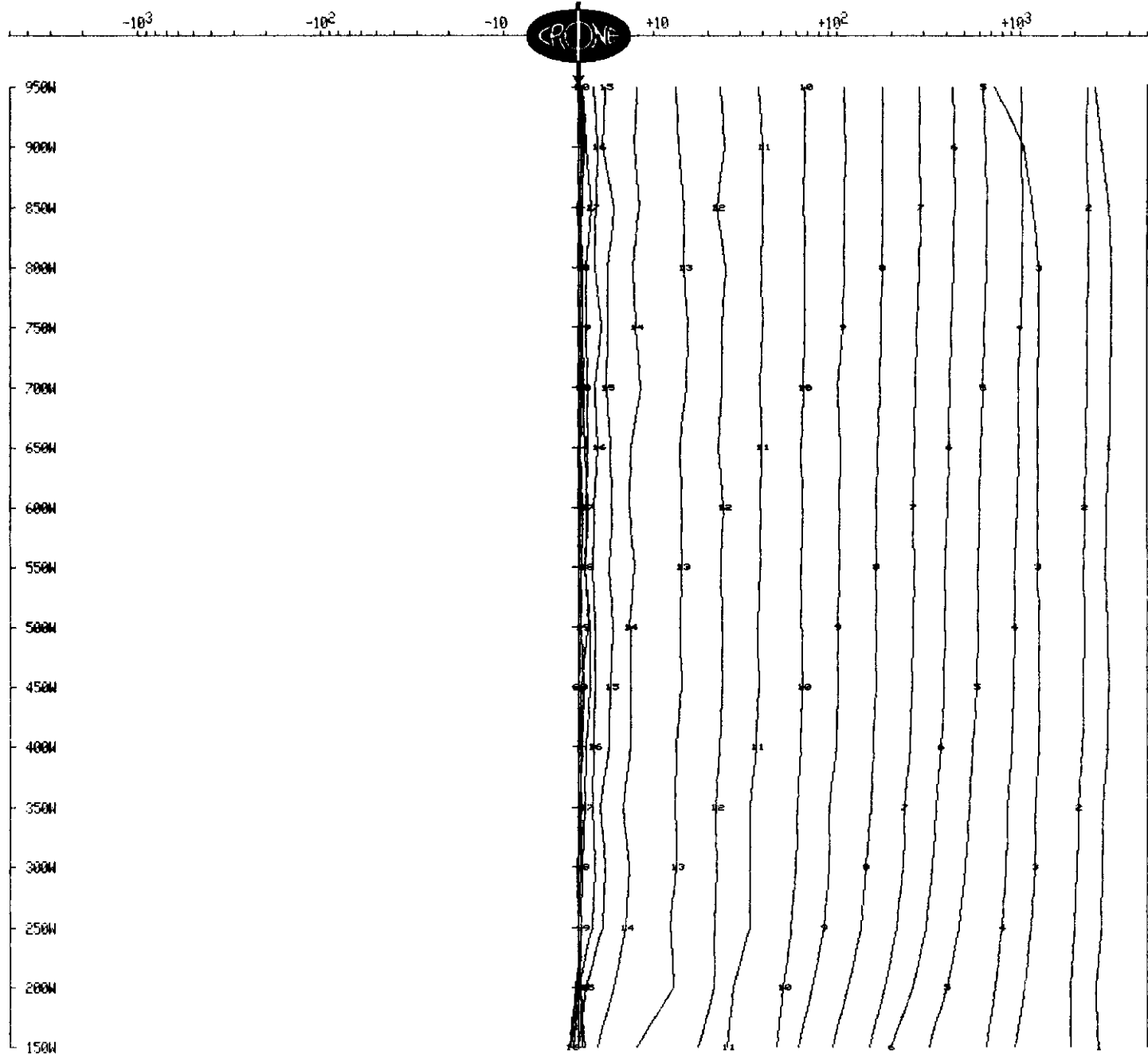
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Client : INMET  
Grid : GOATFELL  
Date : Jun 9, 1995

Line : L100N  
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VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

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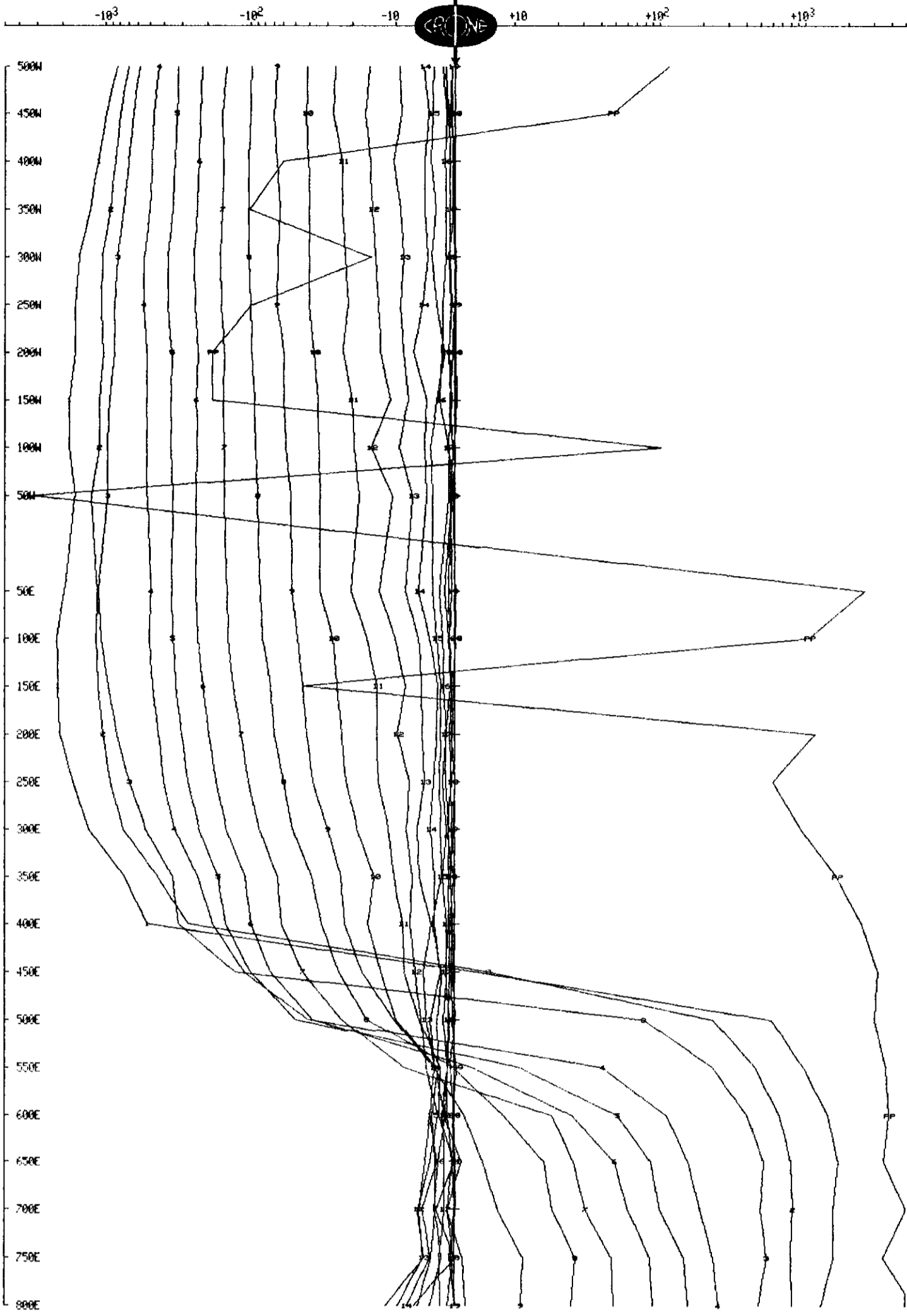


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 12, 1995

Line : L800N  
Tx Loop : 3  
File name : L8S3.PEM

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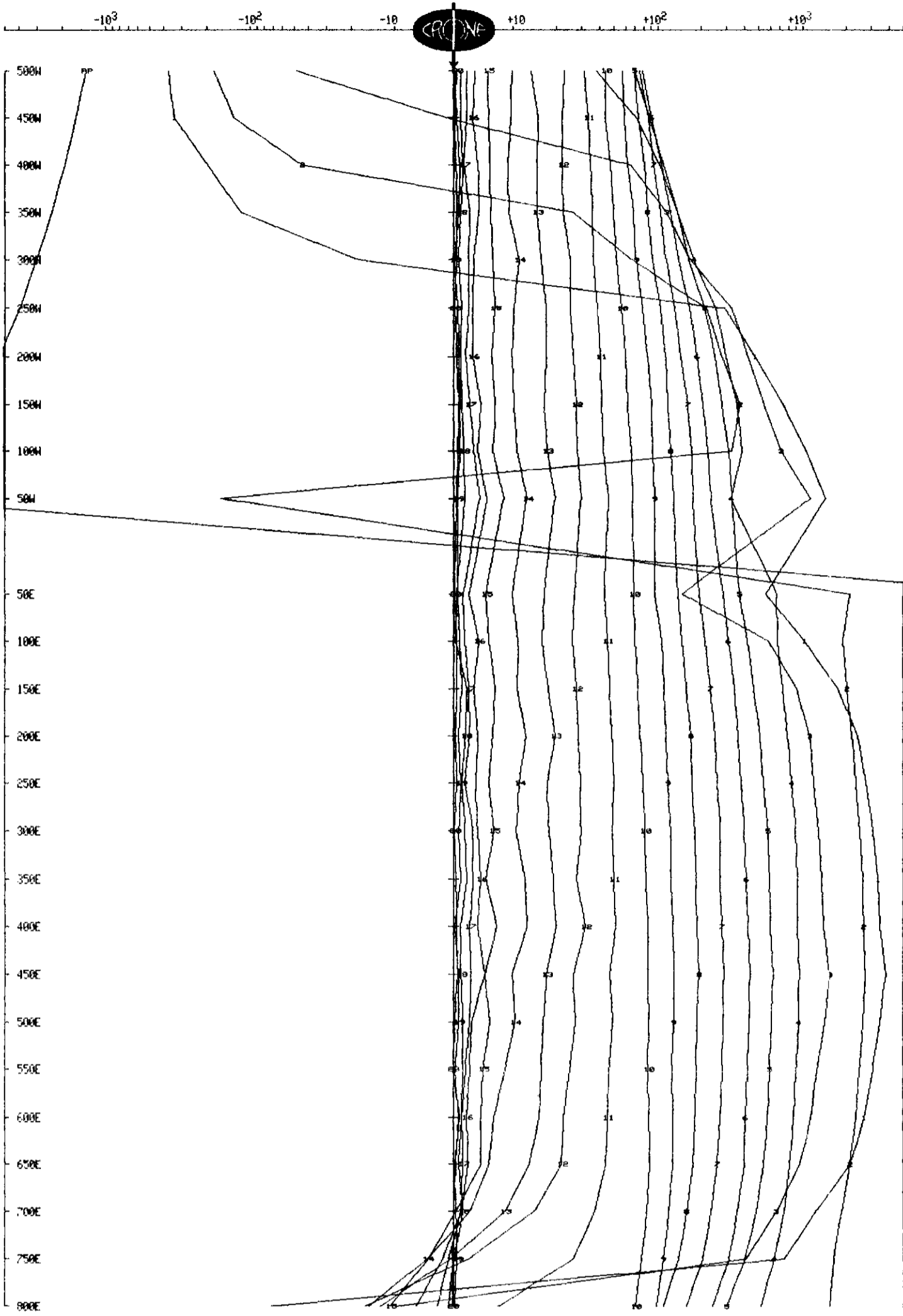


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Date : Jun 12, 1995

Line : L800N  
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File name : L8S3.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
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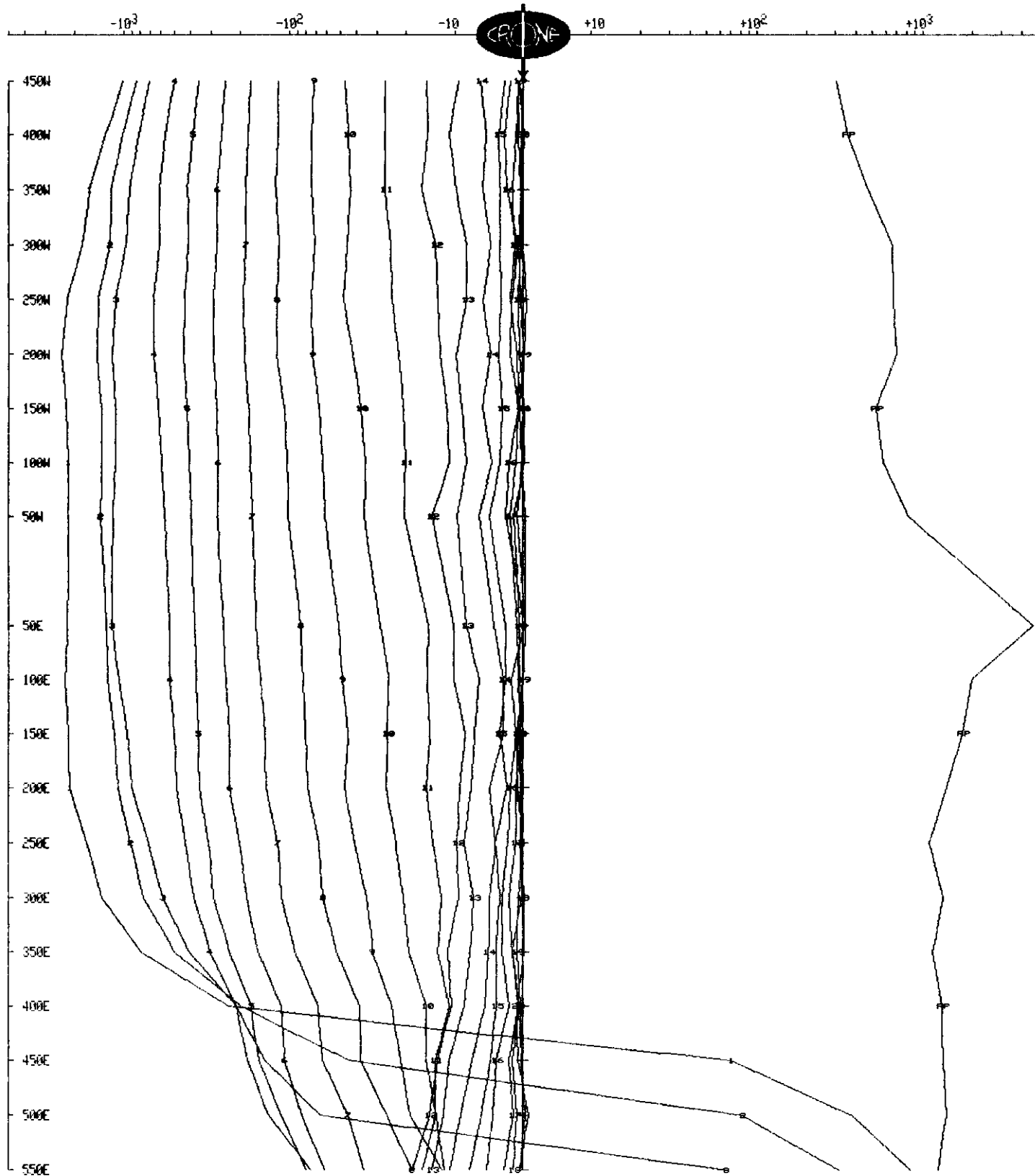
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## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 12, 1995

Line : L600N  
Tx Loop : 3  
File name : L6S3.PEM

IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



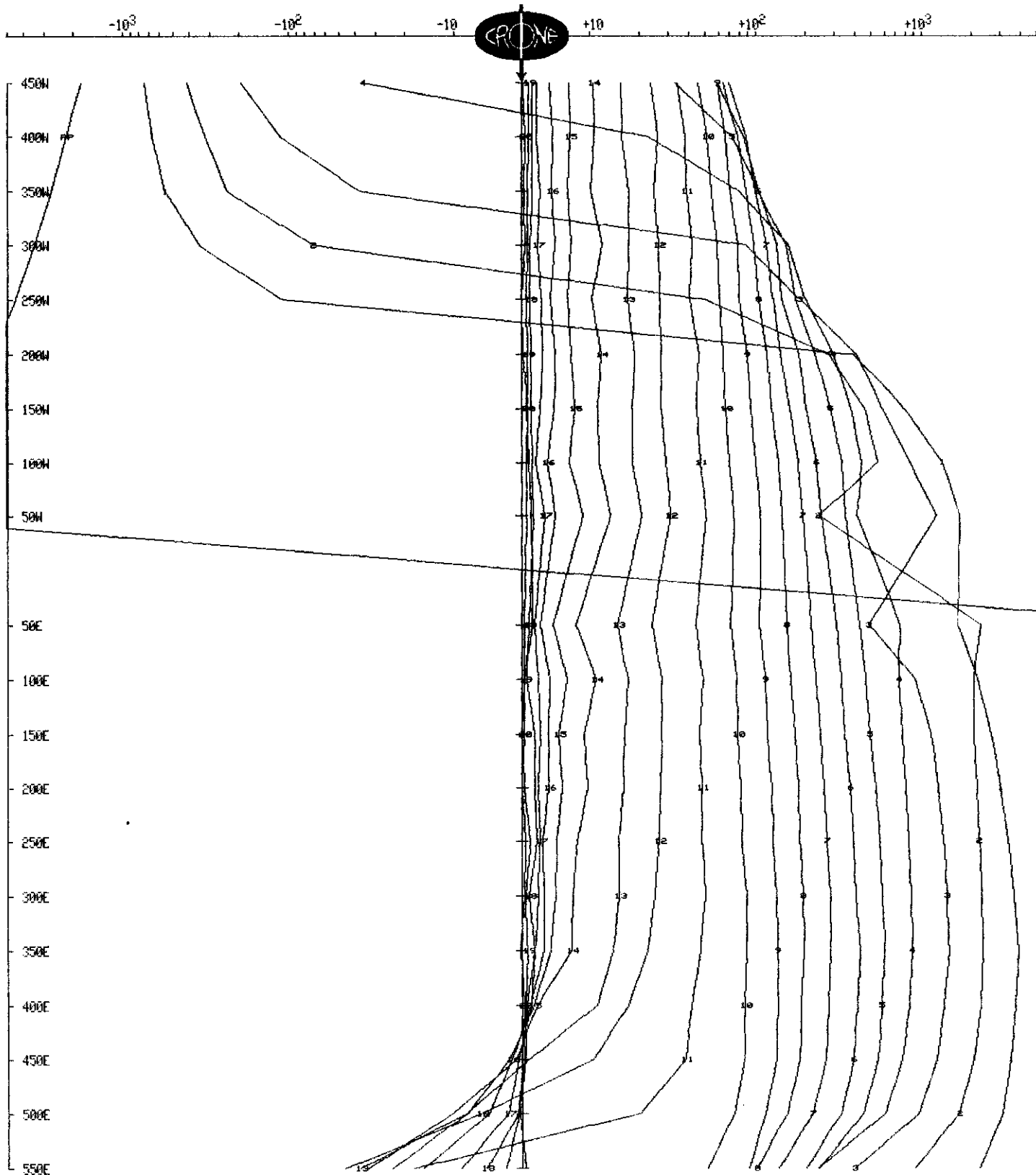
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## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 12, 1995

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VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
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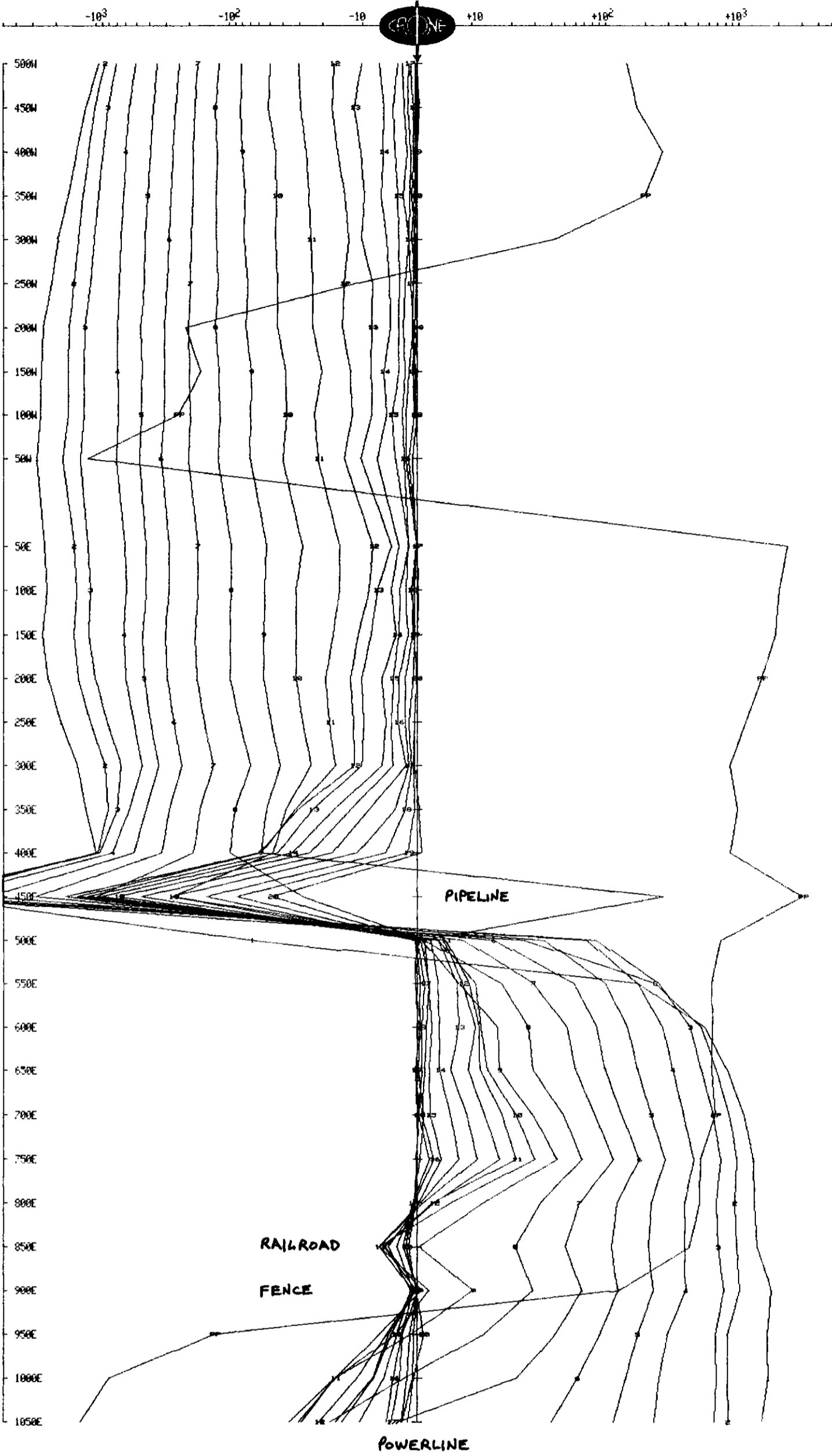


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Client : INMET  
Grid : GOATFELL  
Date : Jun 12, 1995

Line : L400S  
Tx Loop : 3  
File name : L4S3.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
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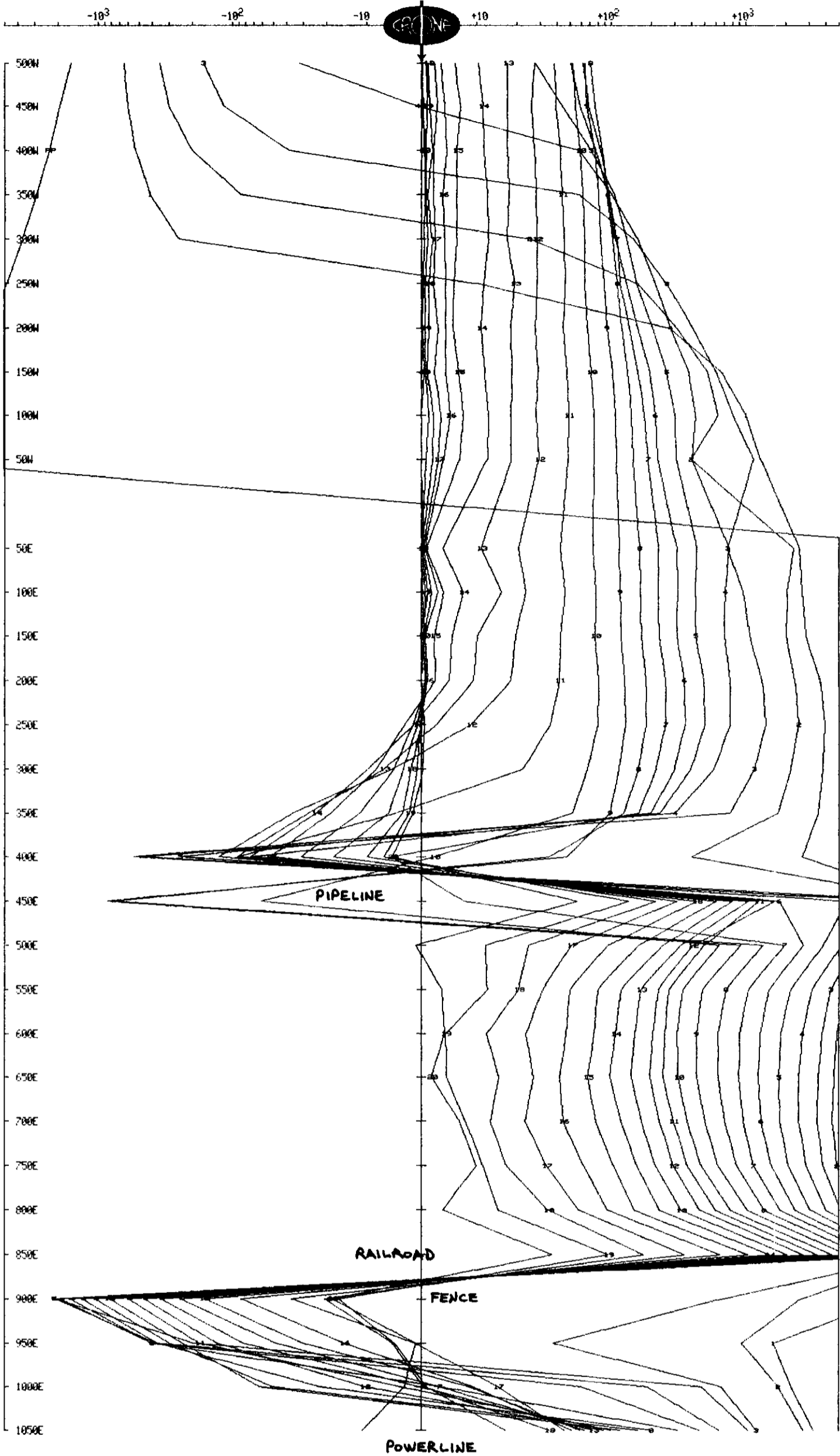


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

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Grid : GOATFELL  
Date : Jun 12, 1995

Line : L400S  
Tx Loop : 3  
File name : L4S3.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



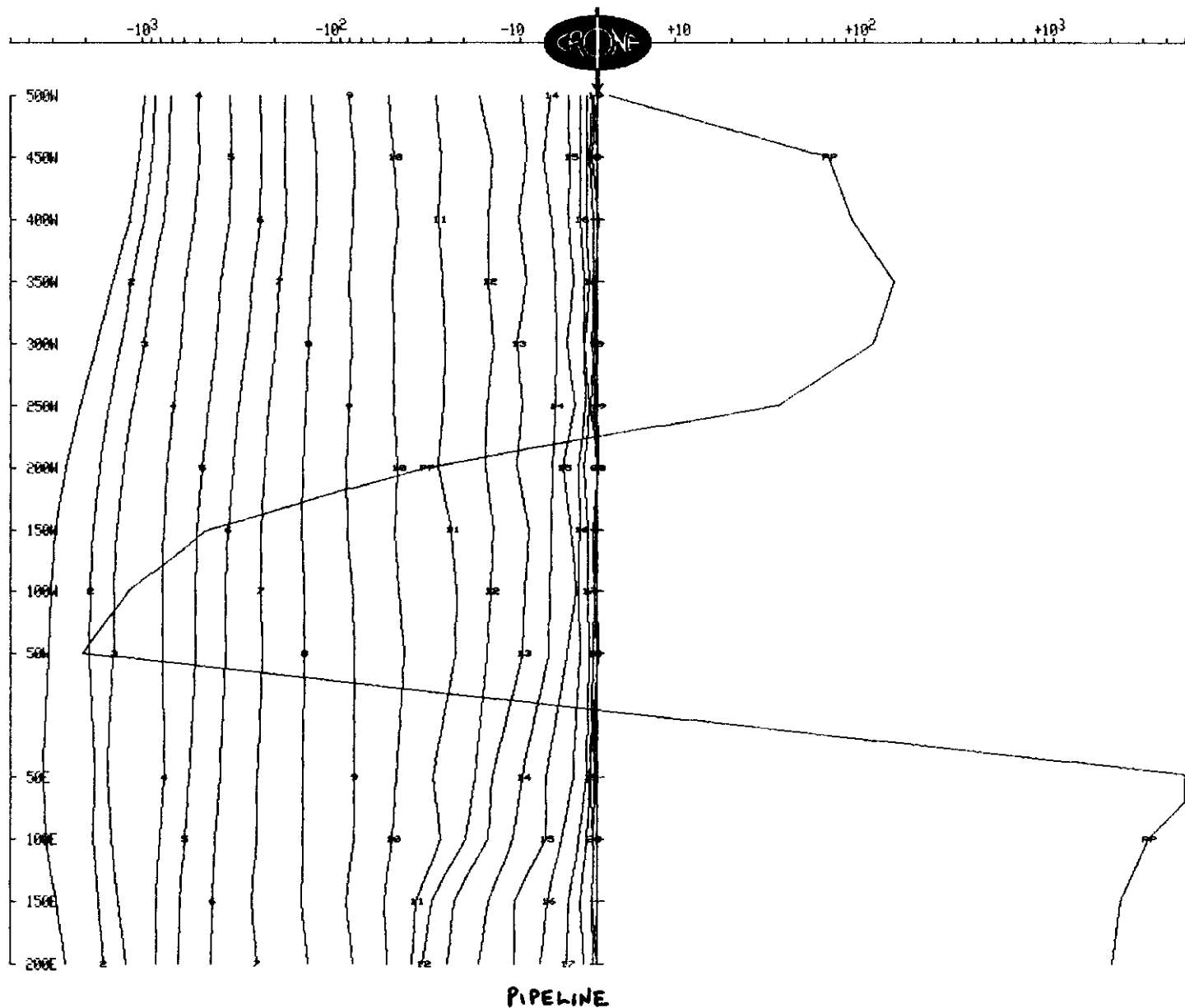
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## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 12, 1995

Line : L200S  
Tx Loop : 3  
File name : L2S3.PEM

IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



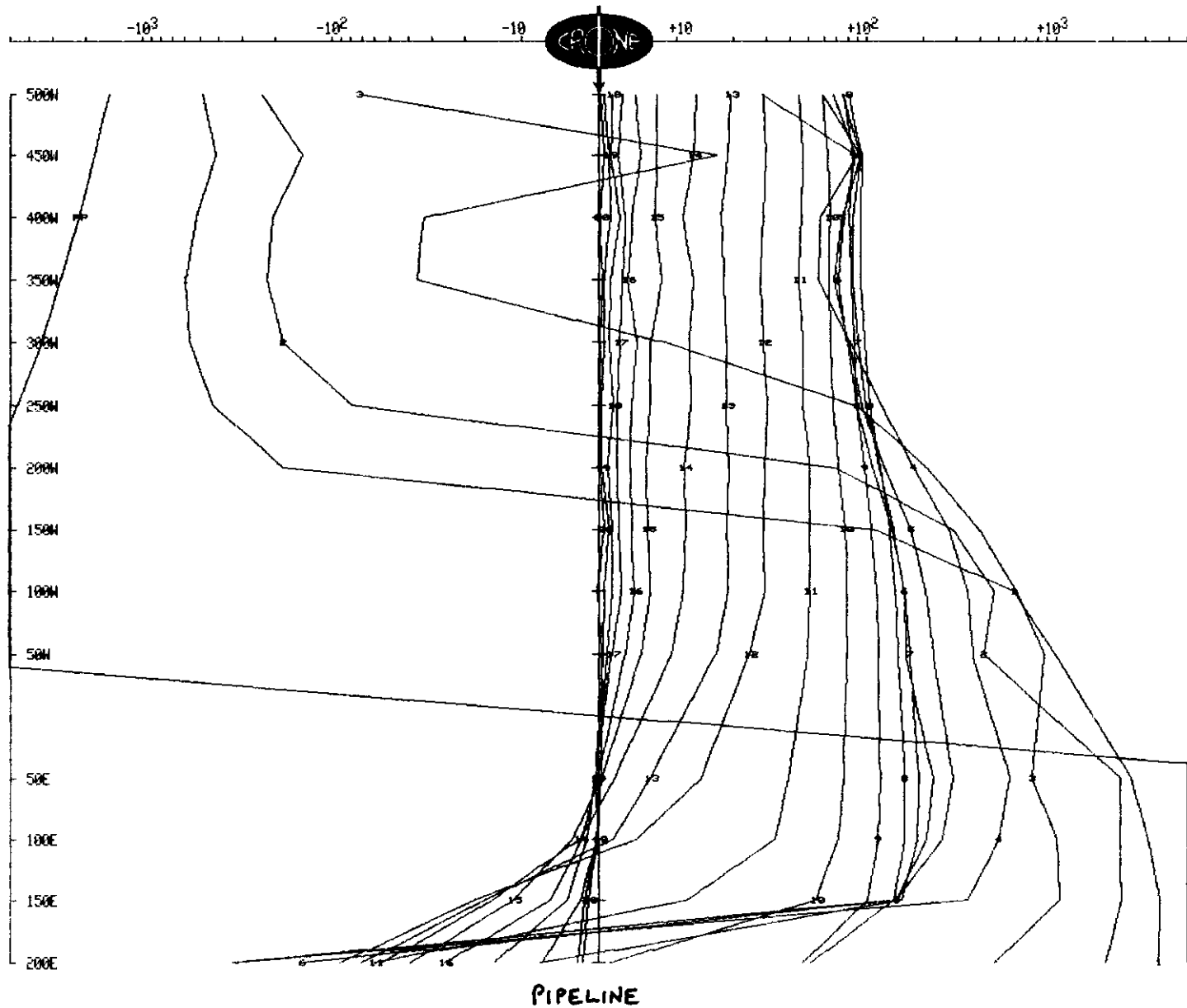
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## SURFACE PEM

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Date : Jun 12, 1995

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File name : L2S3.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
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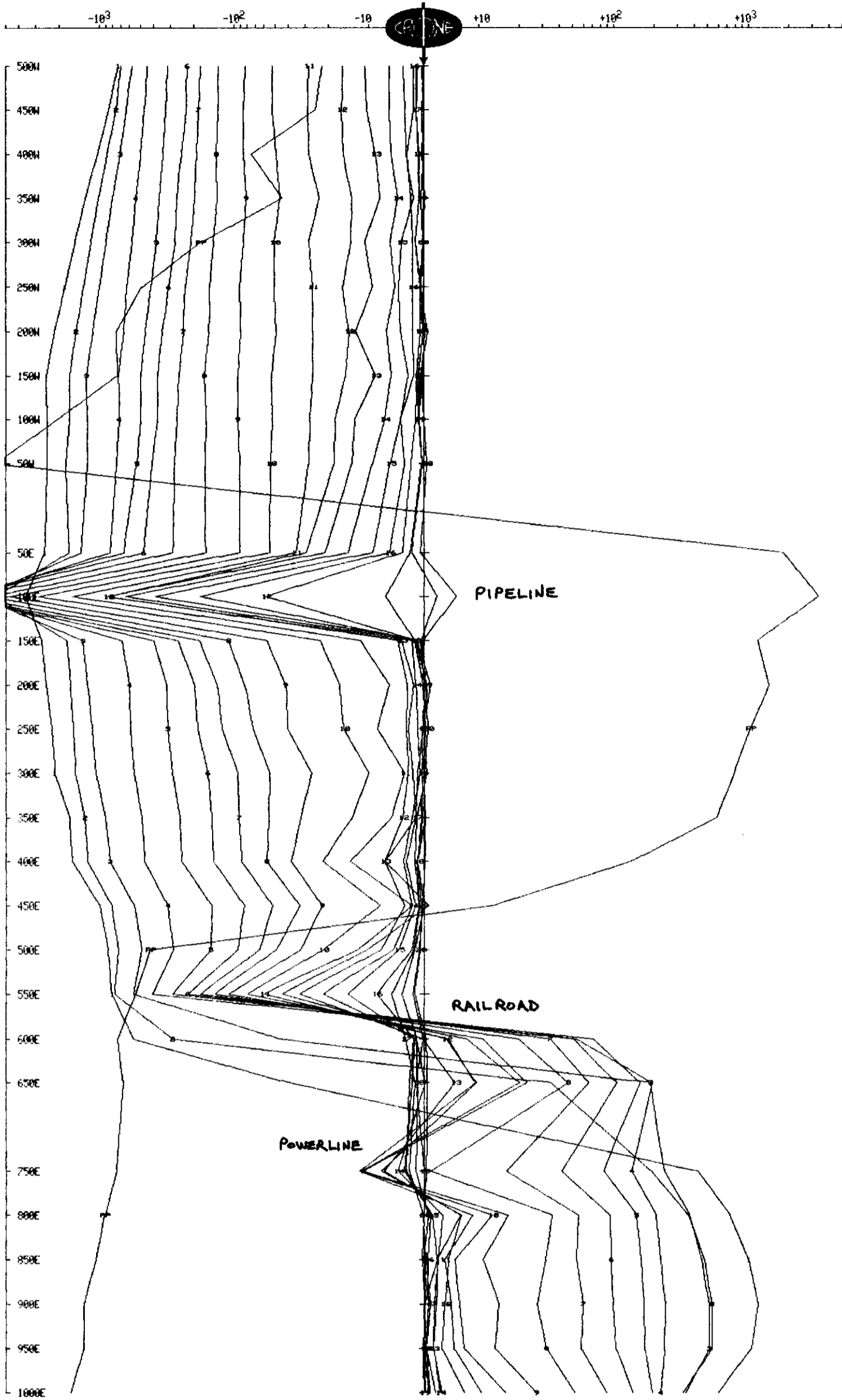


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Grid : GOATFELL  
Date : Jun 11, 1995

Line : LON  
Tx Loop : 3  
File name : LON3.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



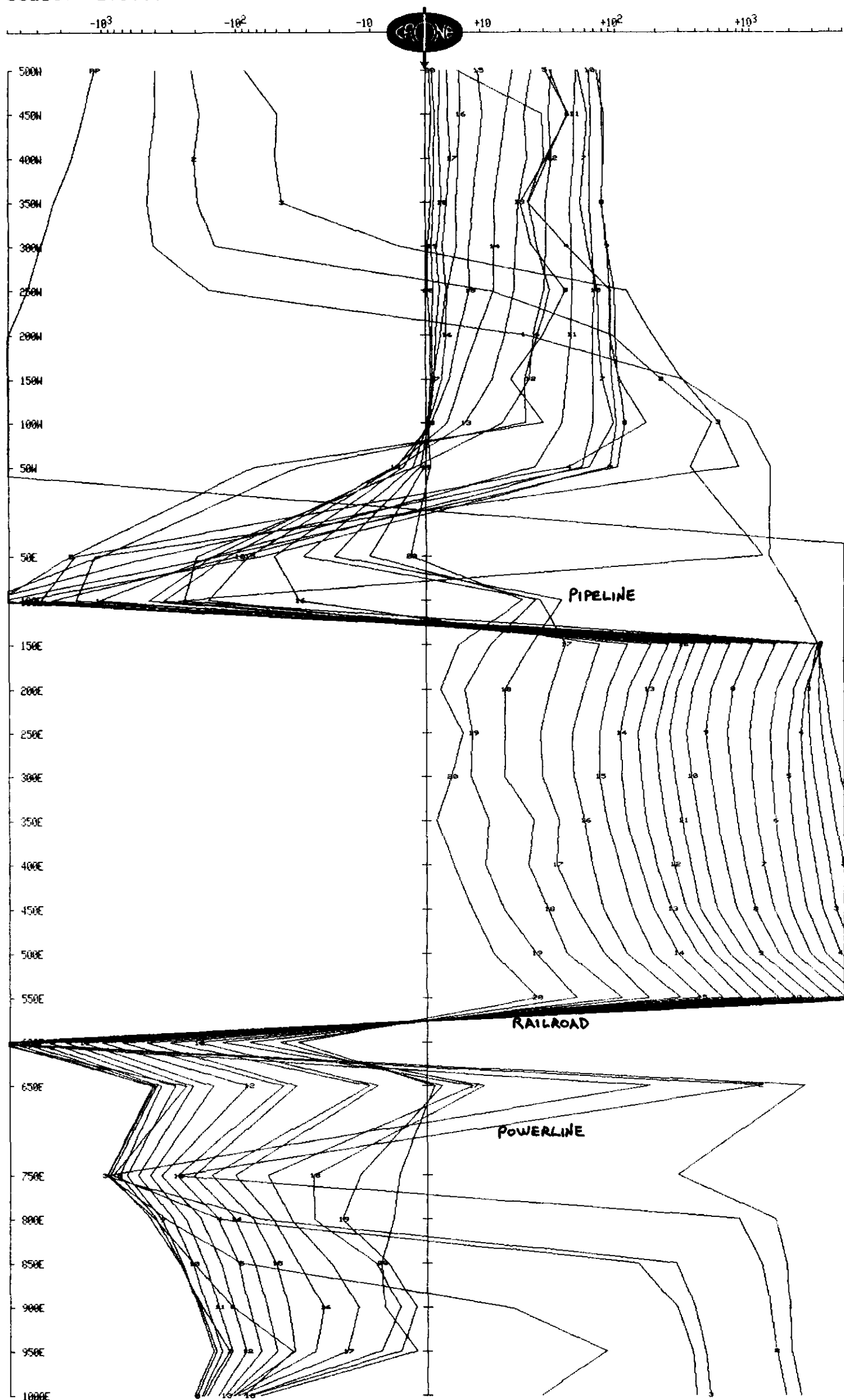
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Client : INMET  
Grid : GOATFELL  
Date : Jun 11, 1995

Line : L0N  
Tx Loop : 3  
File name : L0N3.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



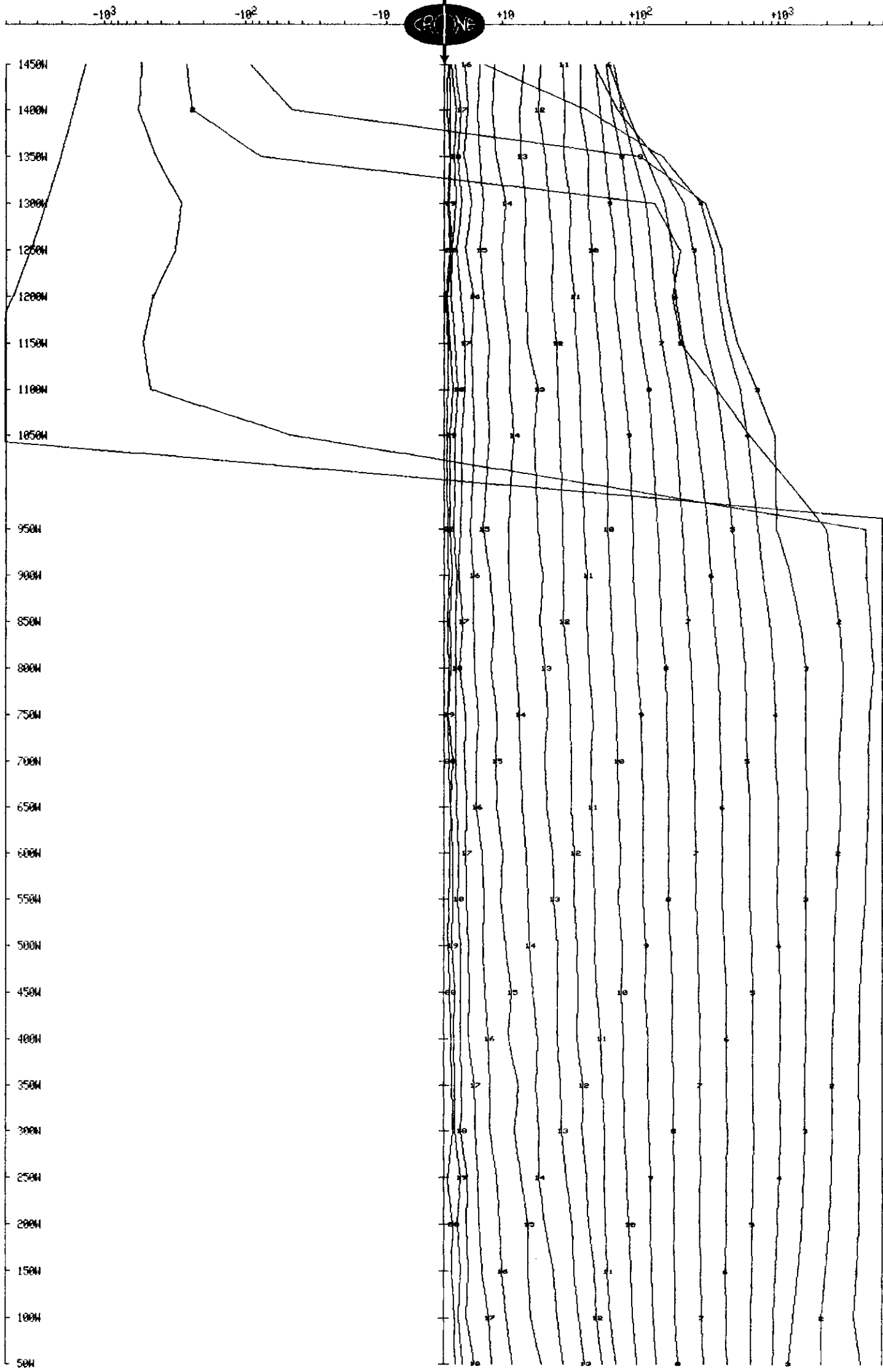


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 8, 1995

Line : L200S  
Tx Loop : 4  
File name : L2S4.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



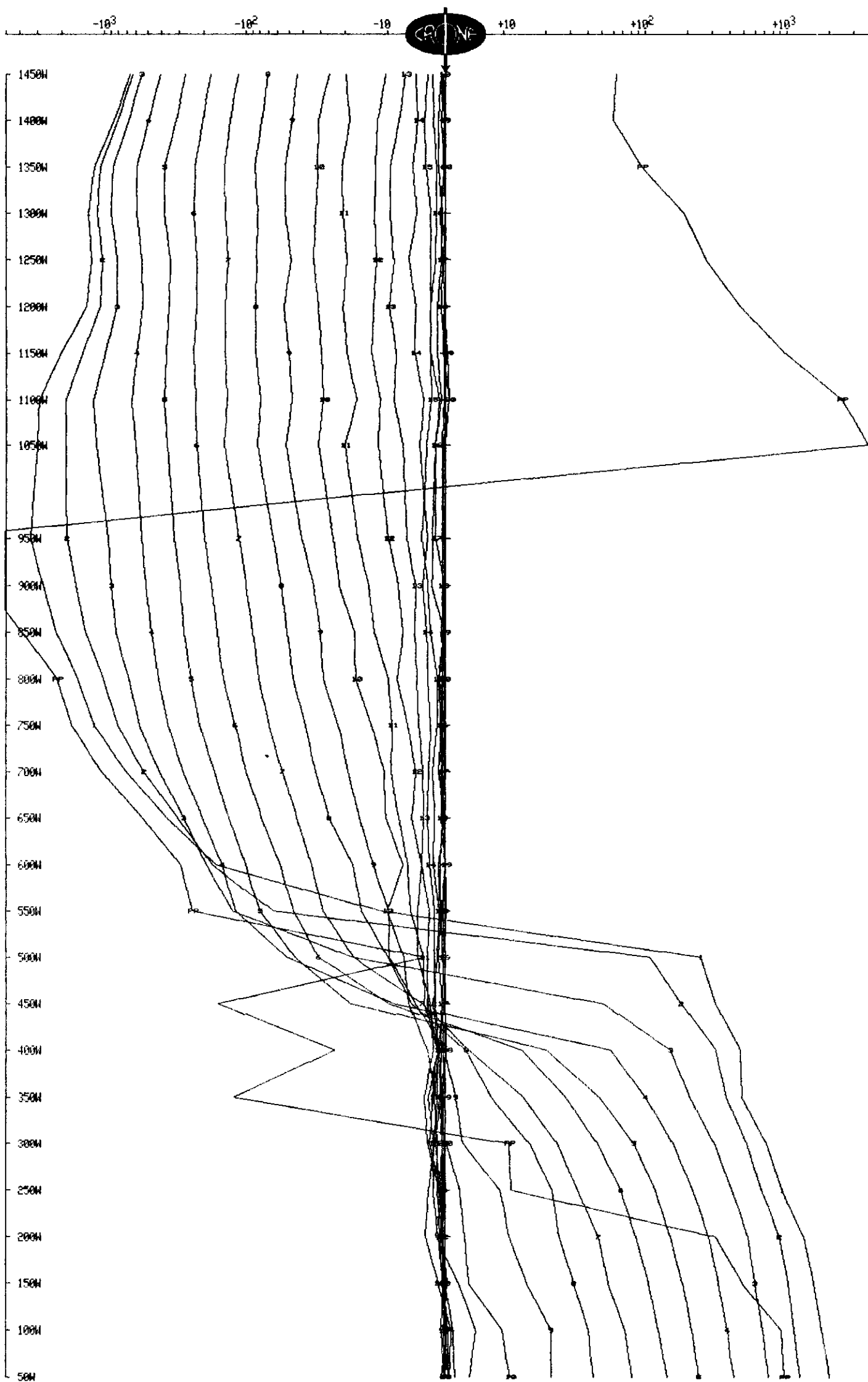
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 8, 1995

Line : L200S  
Tx Loop : 4  
File name : L2S4.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000

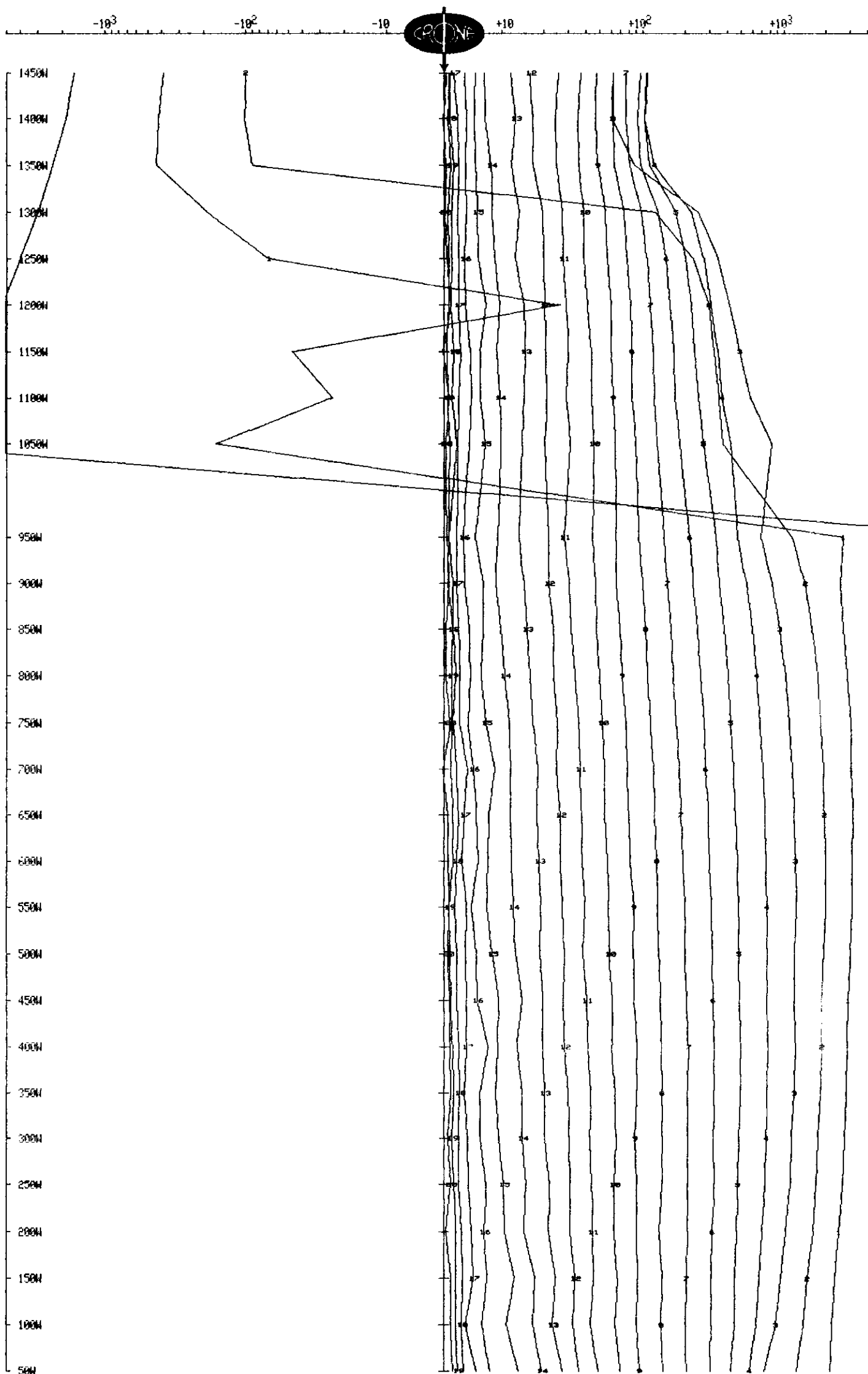


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 8, 1995

Line : L400S  
Tx Loop : 4  
File name : L4S4.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000

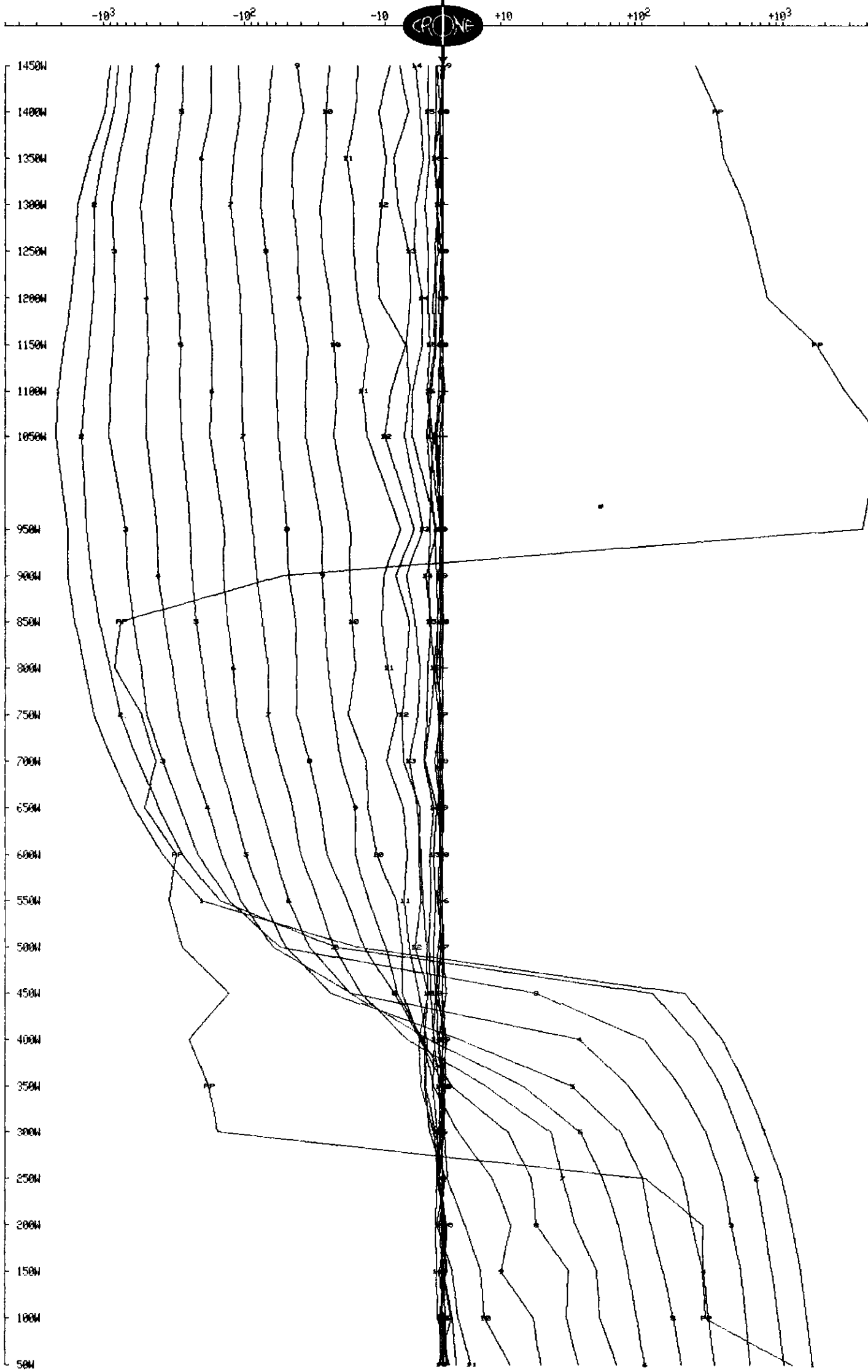


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 8, 1995

Line : L400S  
Tx Loop : 4  
File name : L4S4.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



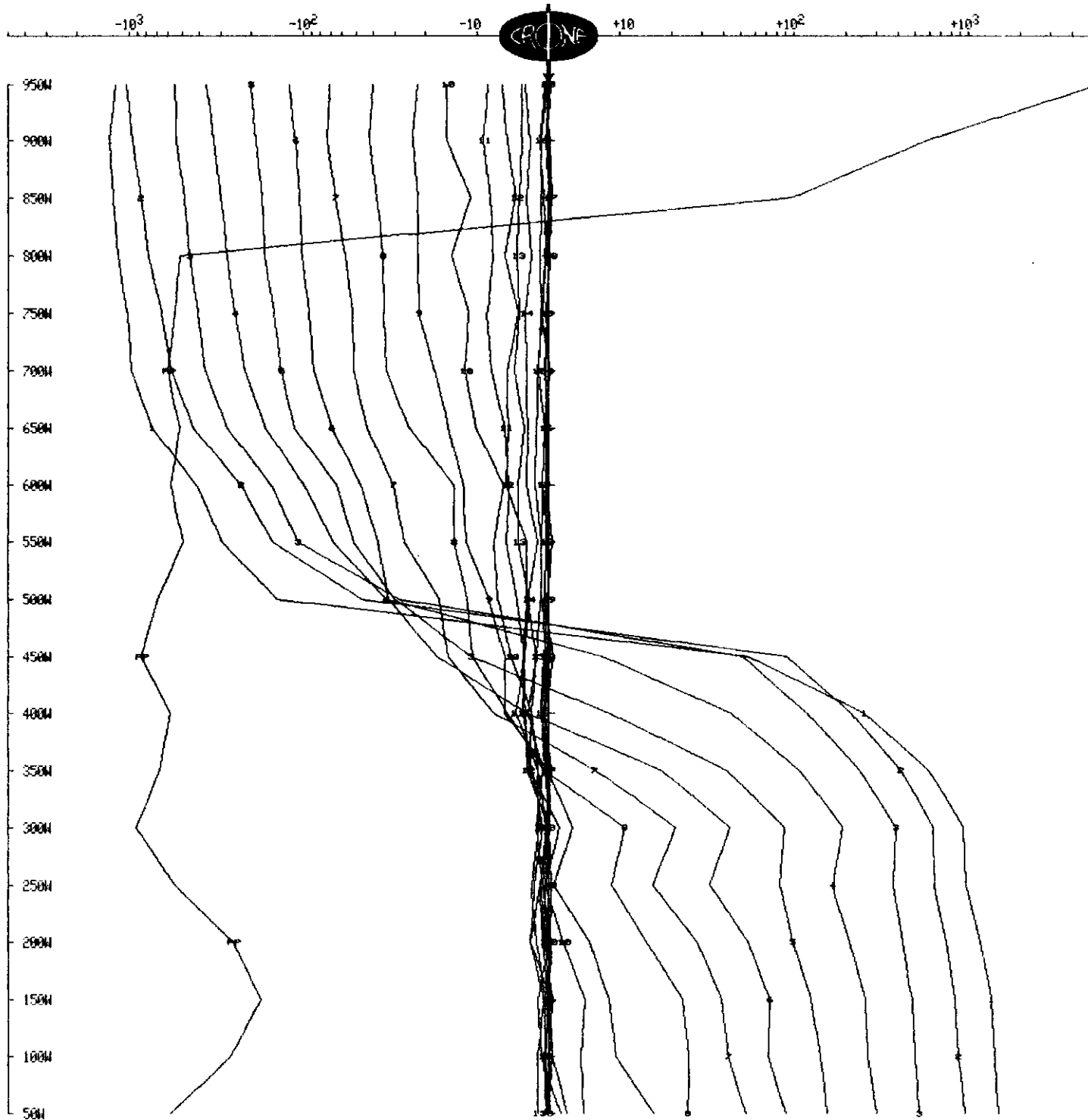
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 8, 1995

Line : L600S  
Tx Loop : 4  
File name : L6S4.PEM

IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



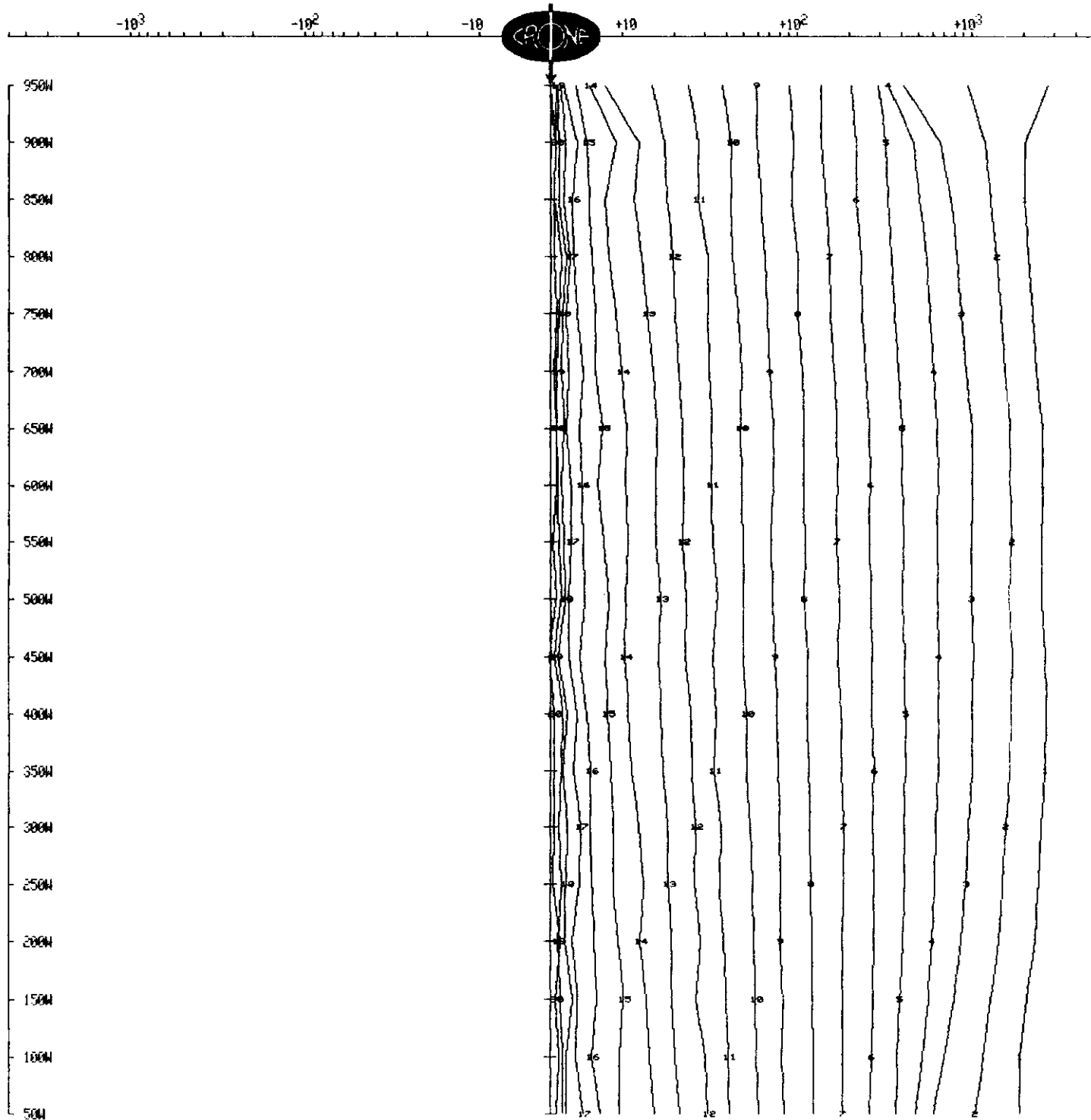
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 8, 1995

Line : L600S  
Tx Loop : 4  
File name : L6S4.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



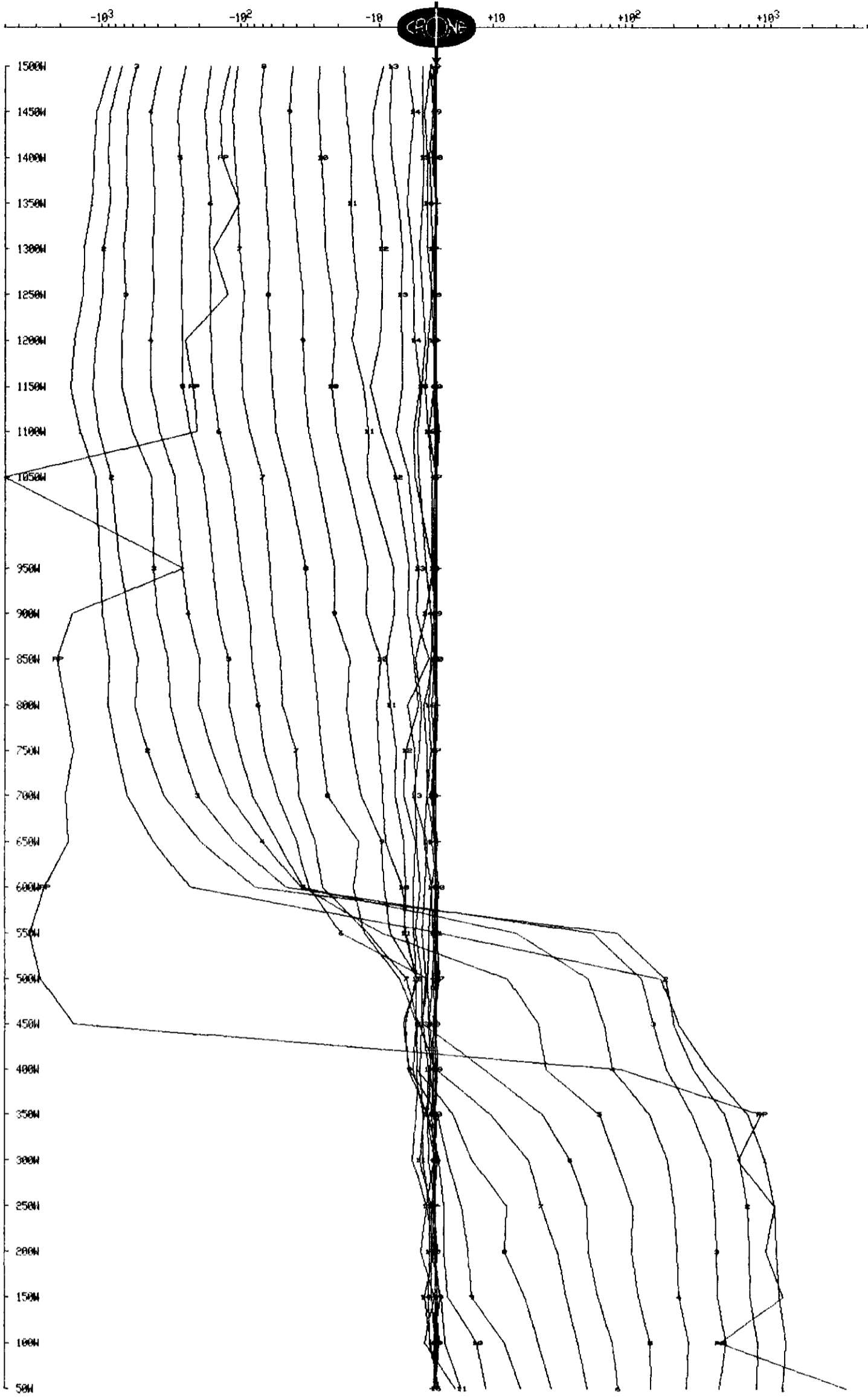
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 8, 1995

Line : L800S  
Tx Loop : 4  
File name : L8S4.PEM

IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000

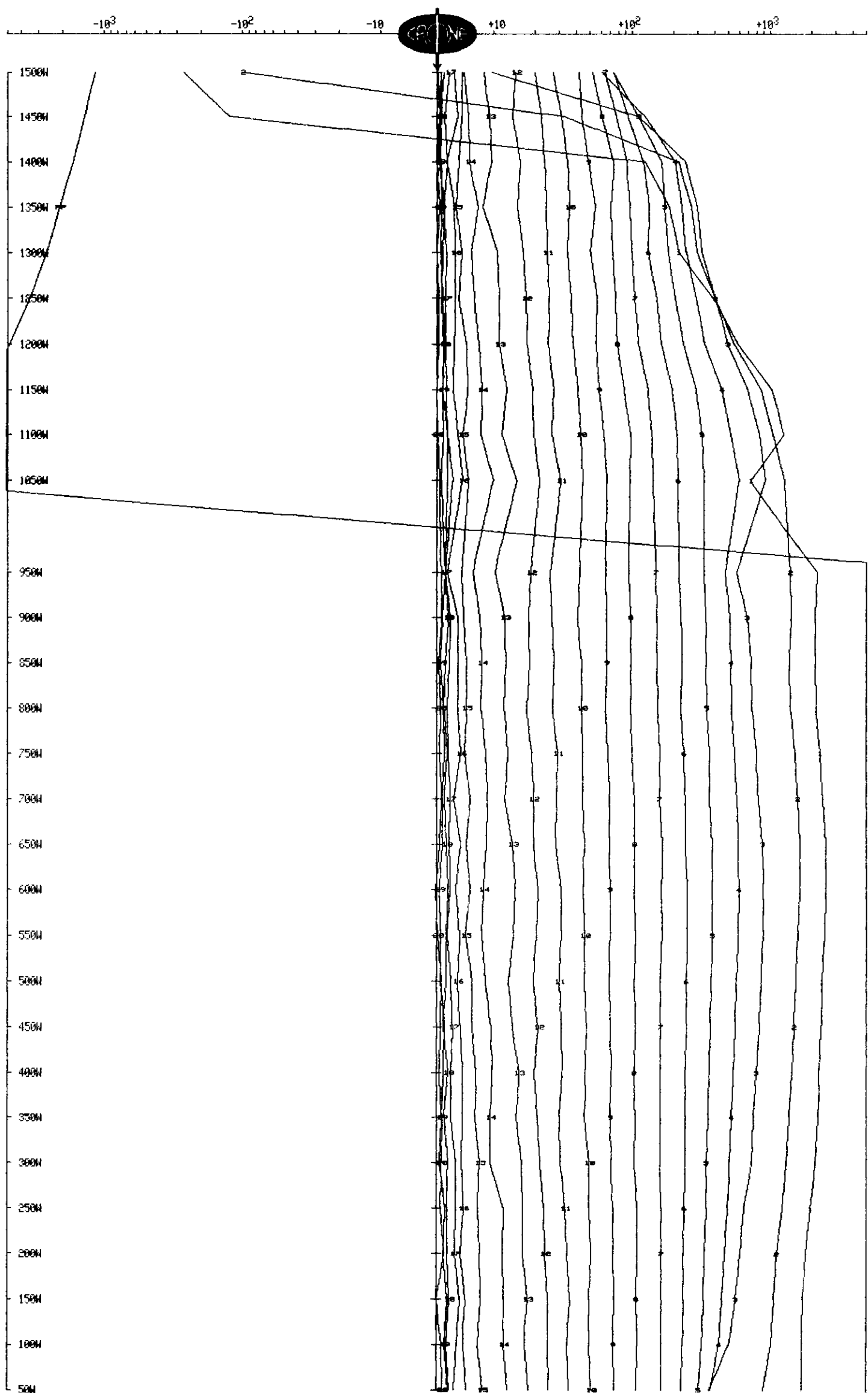


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 8, 1995

Line : L800S  
Tx Loop : 4  
File name : L8S4.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000





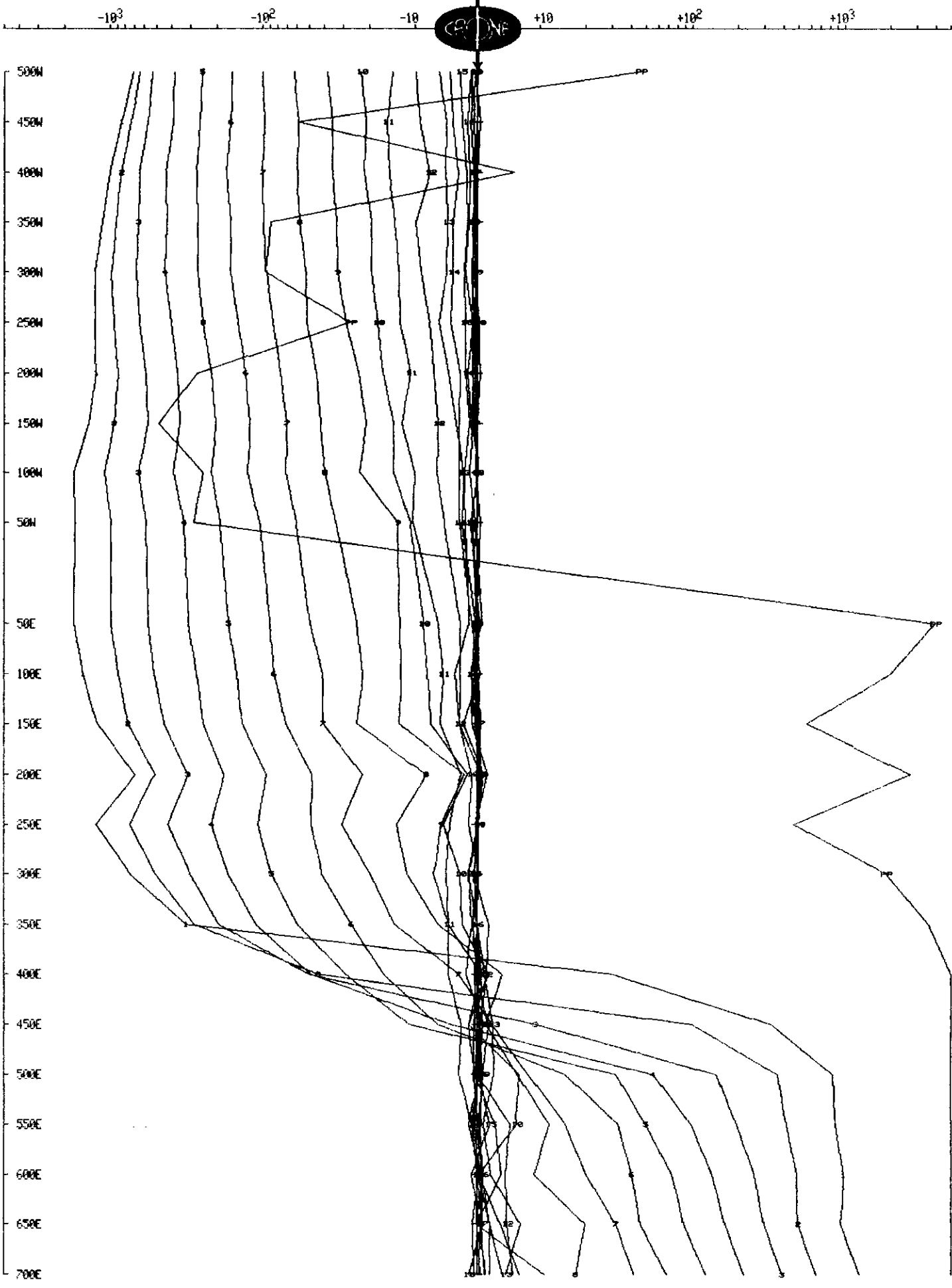
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 5, 1995

Line : L1000S  
Tx Loop : 5  
File name : L10S5.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000

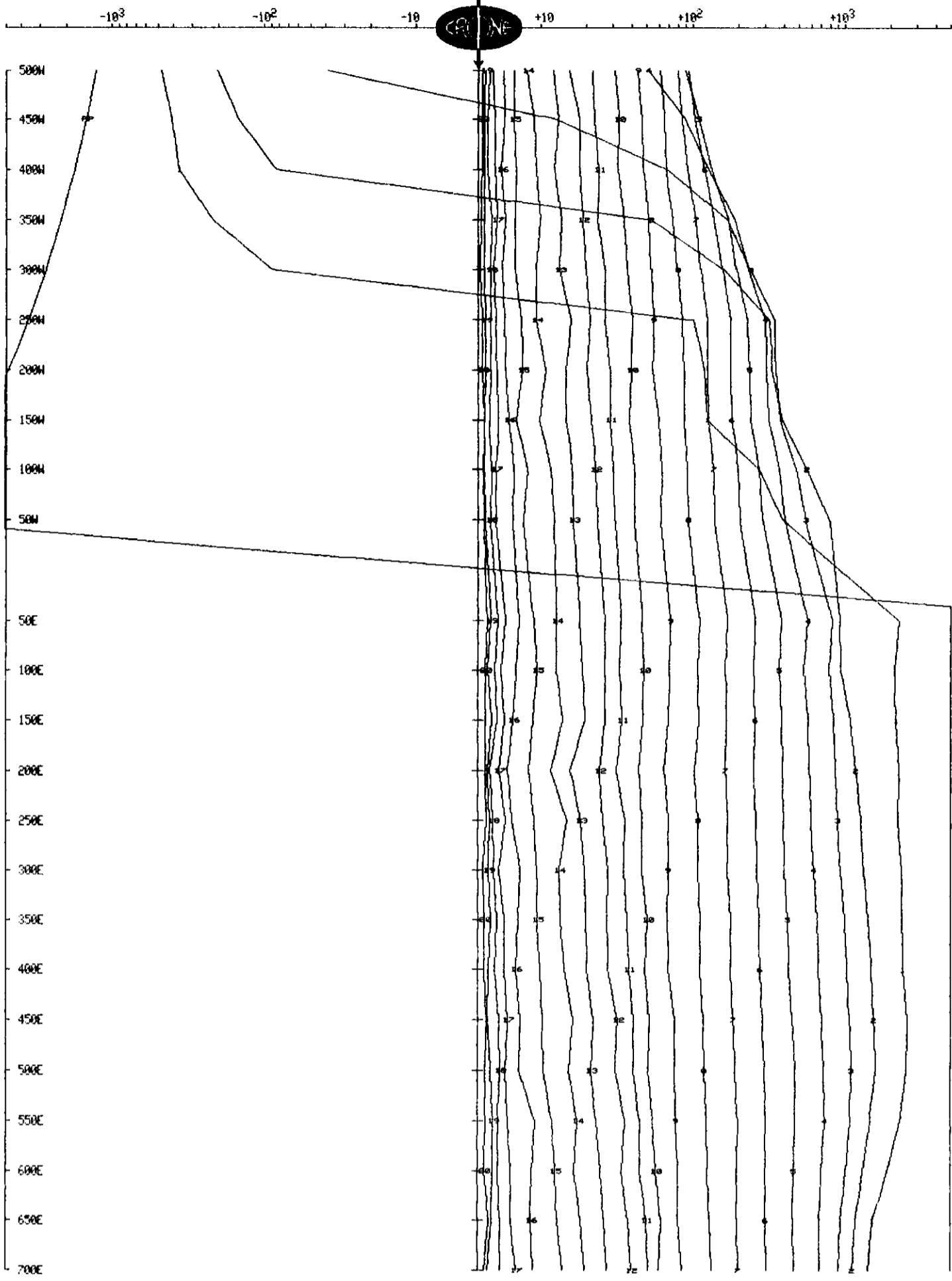


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 5, 1995

Line : L1000S  
Tx Loop : 5  
File name : L10S5.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000

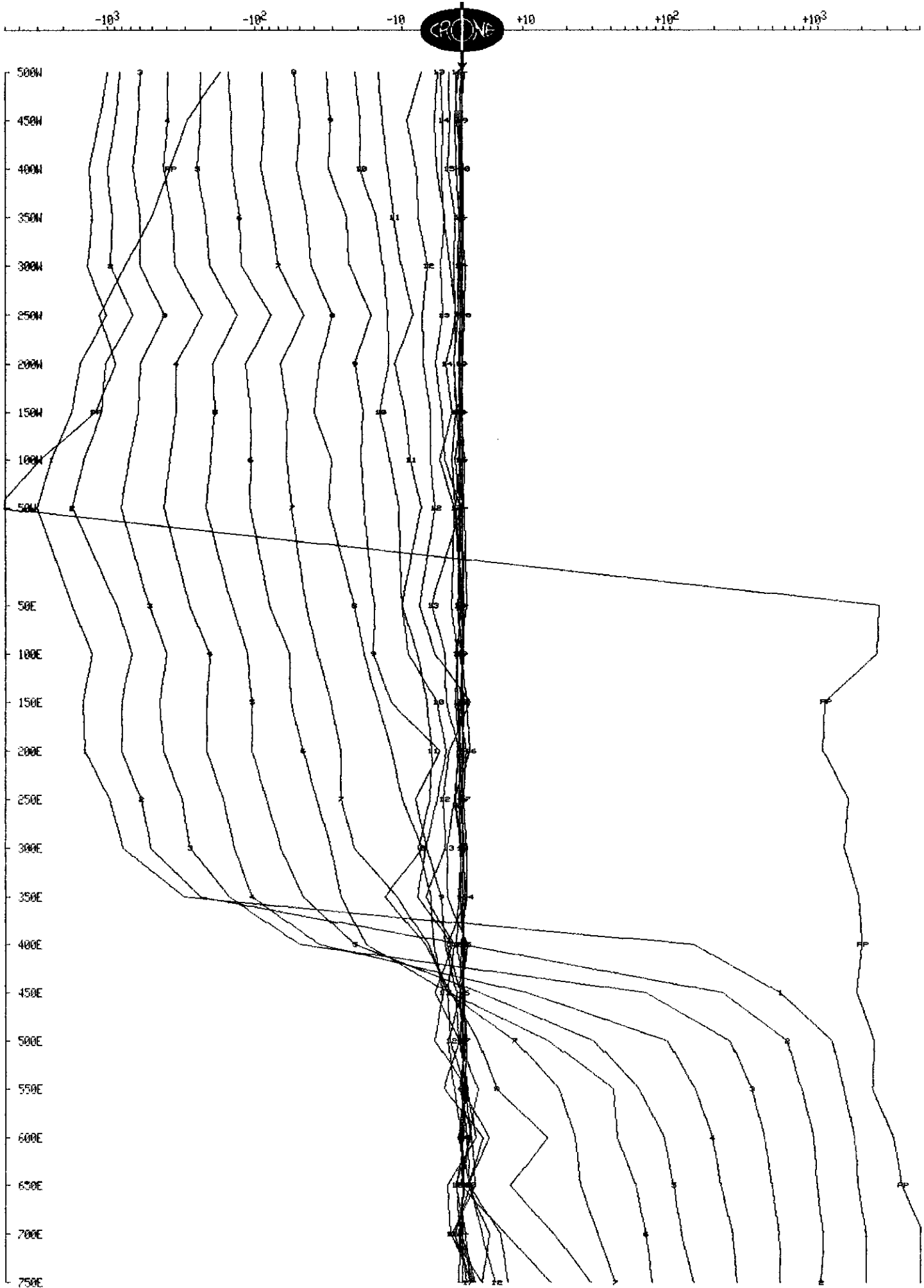


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 5, 1995

Line : L1200S  
Tx Loop : 5  
File name : L12S5.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



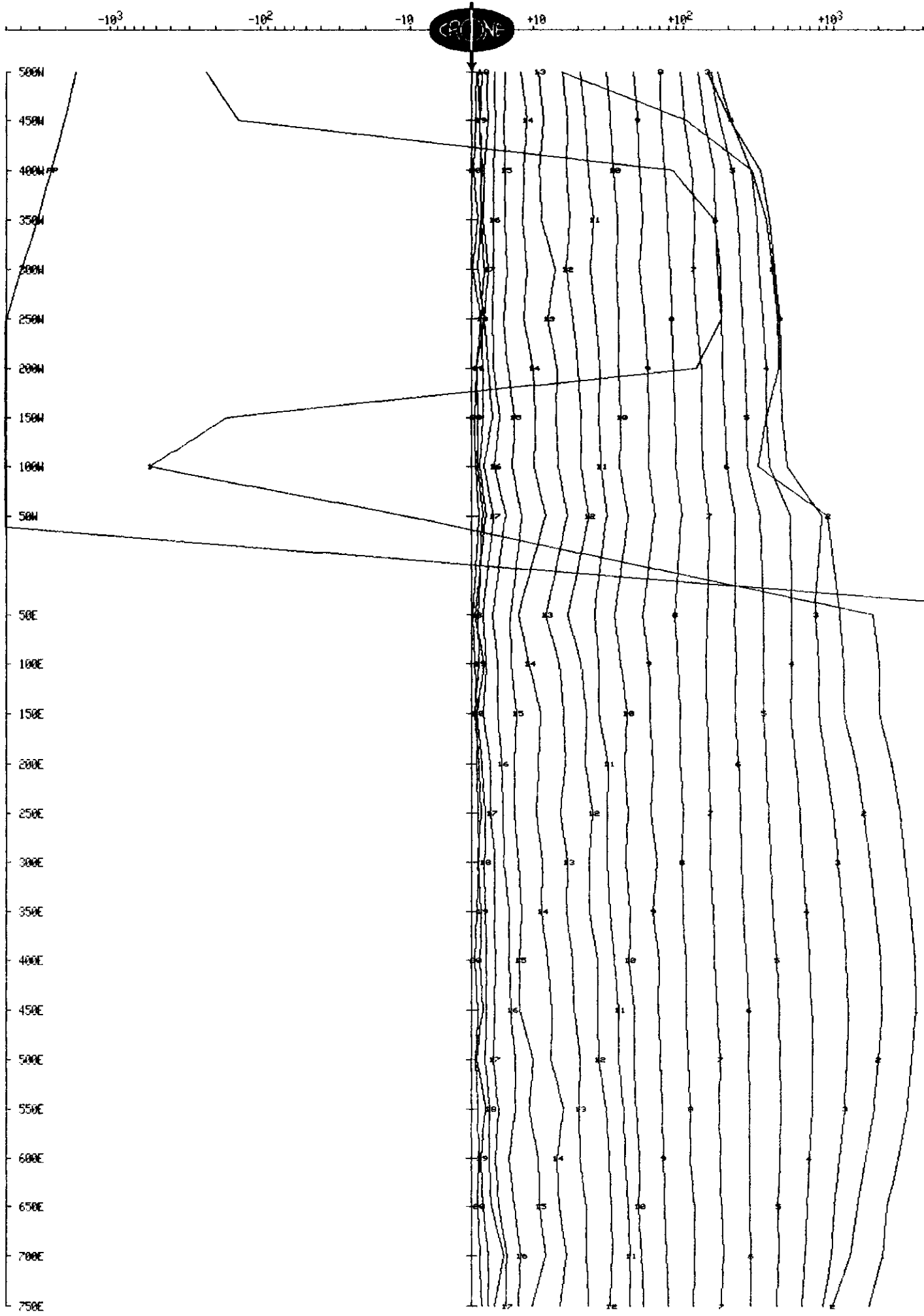
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 5, 1995

Line : L1200S  
Tx Loop : 5  
File name : L12S5.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



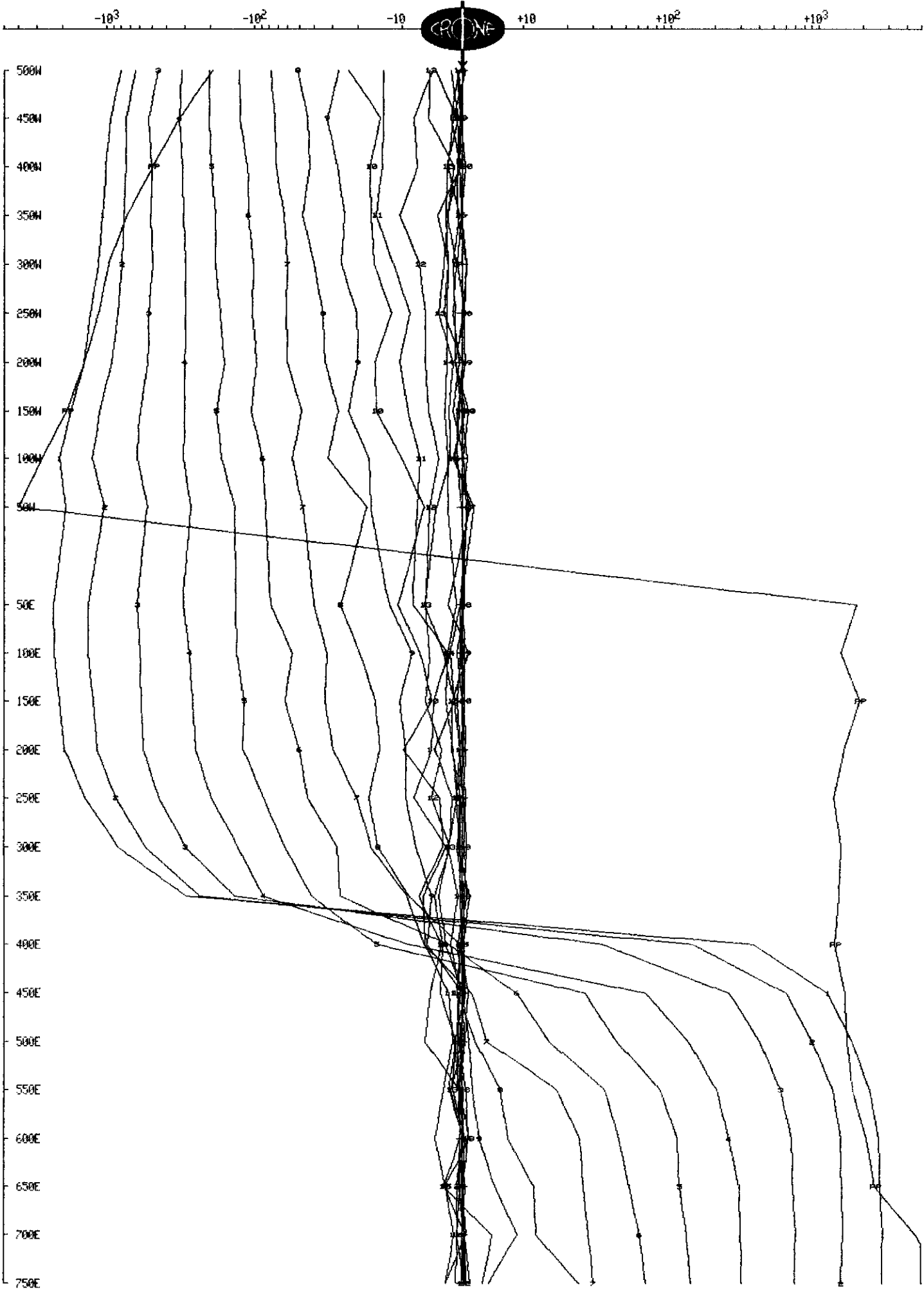
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 5, 1995

Line : L1400S  
Tx Loop : 5  
File name : L14S5.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



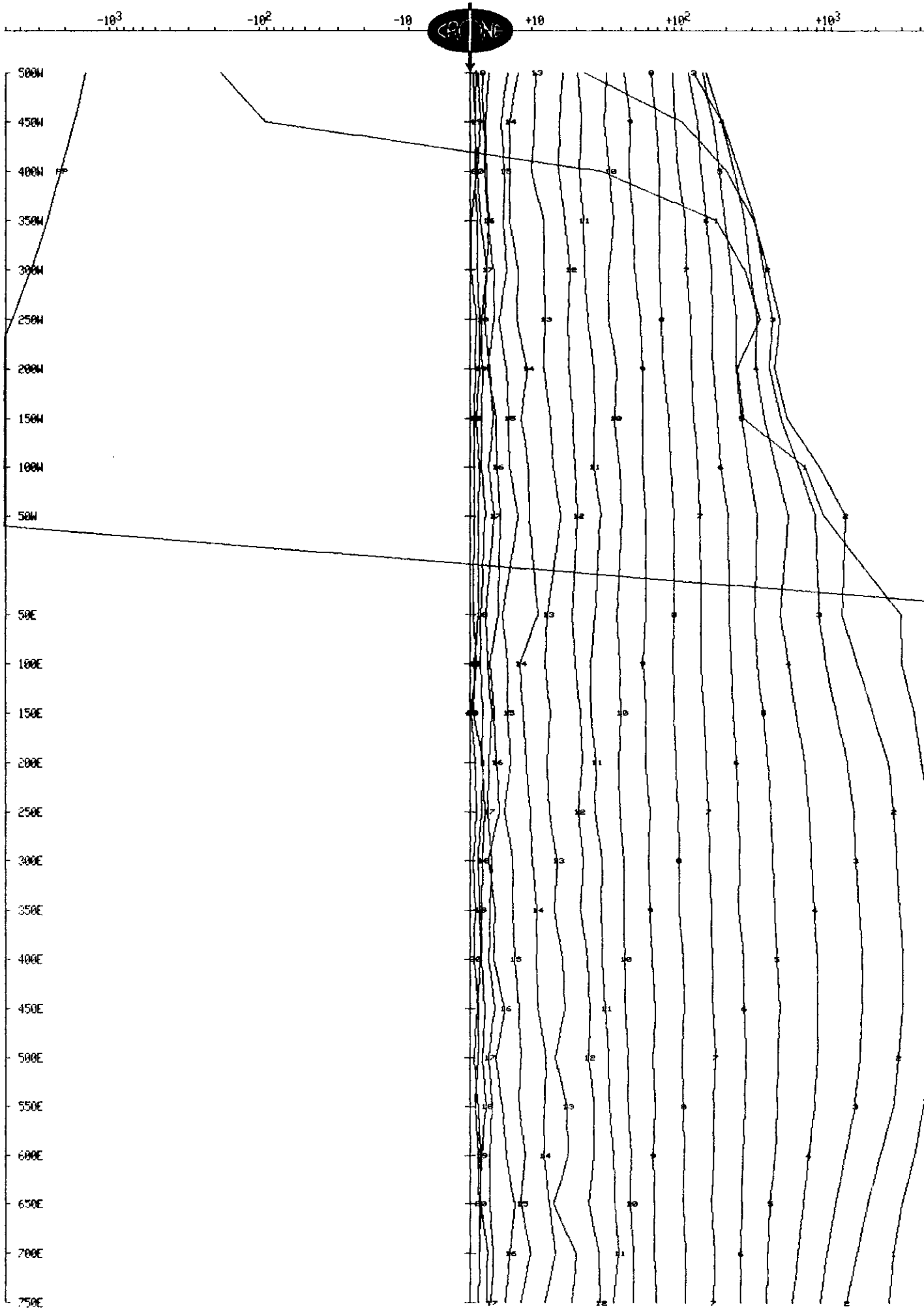
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 5, 1995

Line : L1400S  
Tx Loop : 5  
File name : L14S5.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



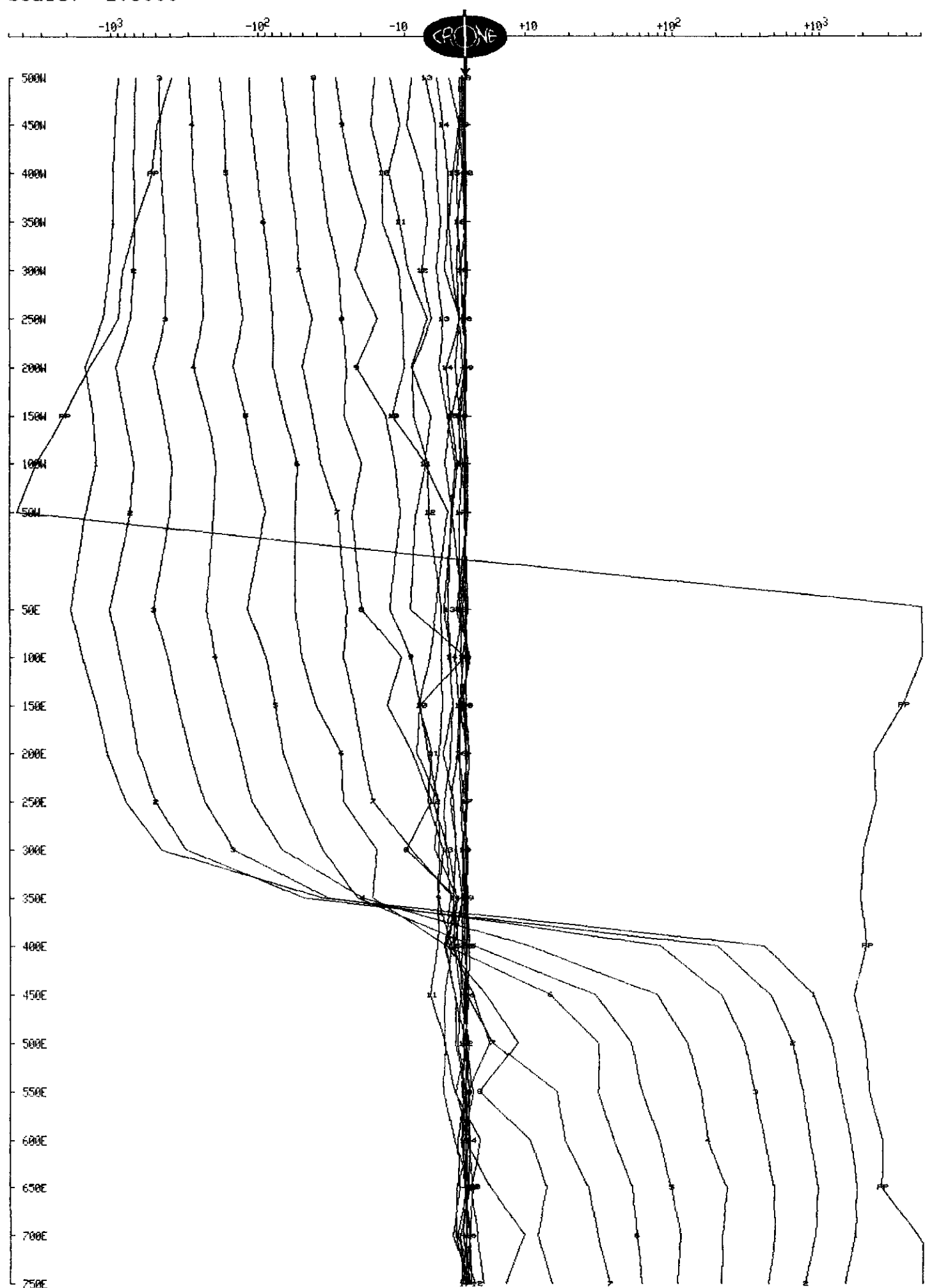
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 5, 1995

Line : L1600S  
Tx Loop : 5  
File name : L16S5.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



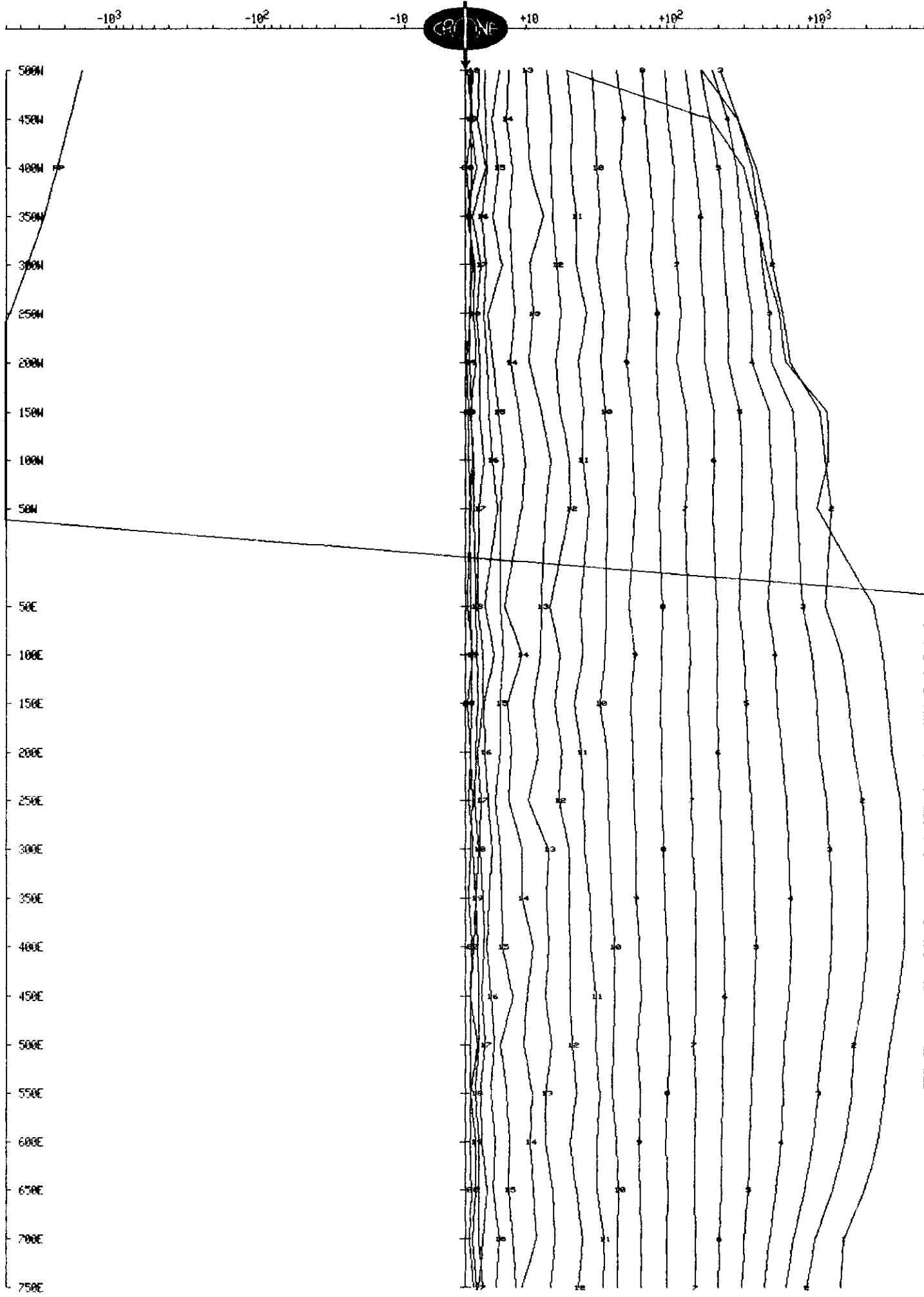
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 5, 1995

Line : L1600S  
Tx Loop : 5  
File name : L16S5.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000





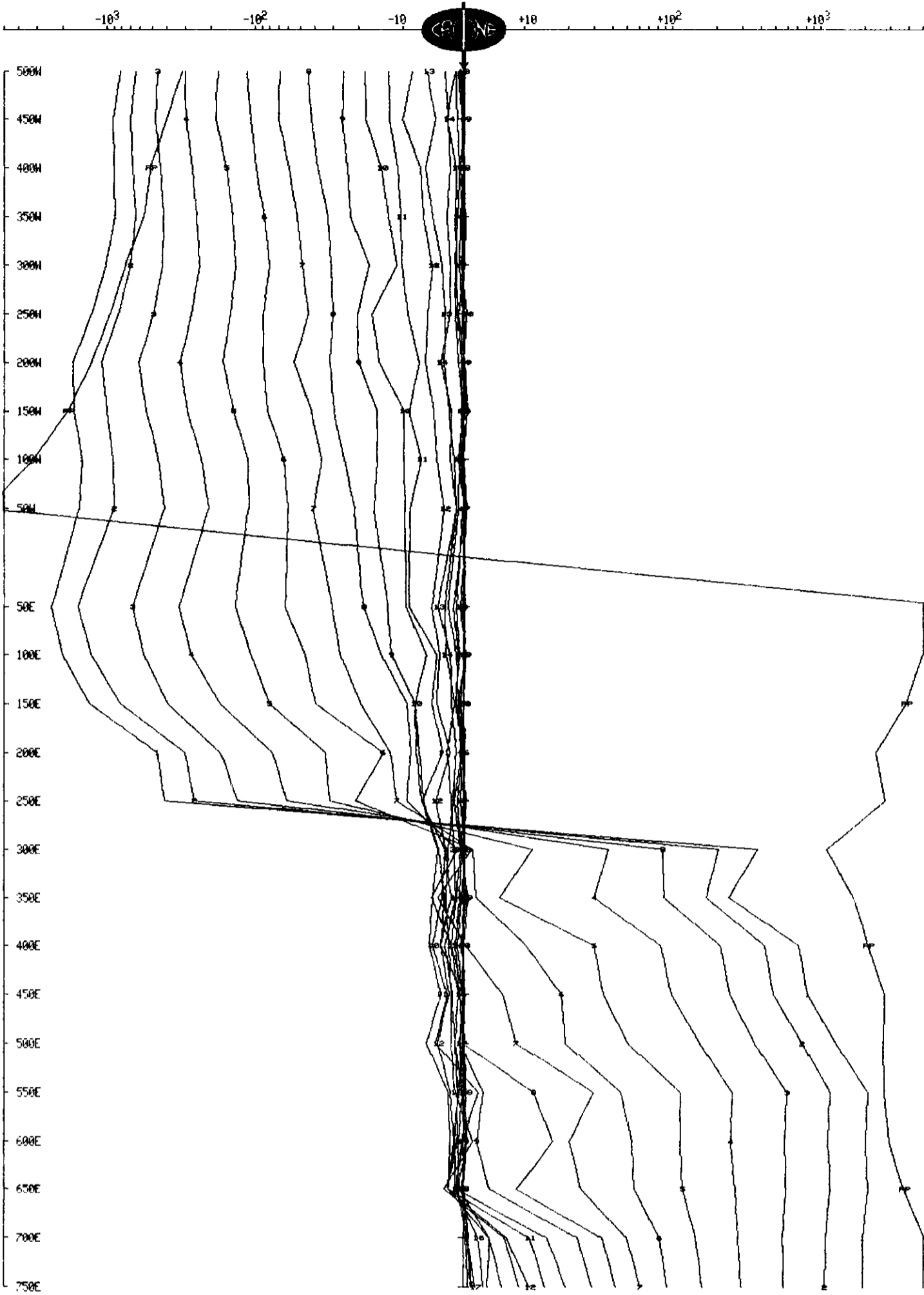
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 5, 1995

Line : L1800AS  
Tx Loop : 5  
File name : L18AS5.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000

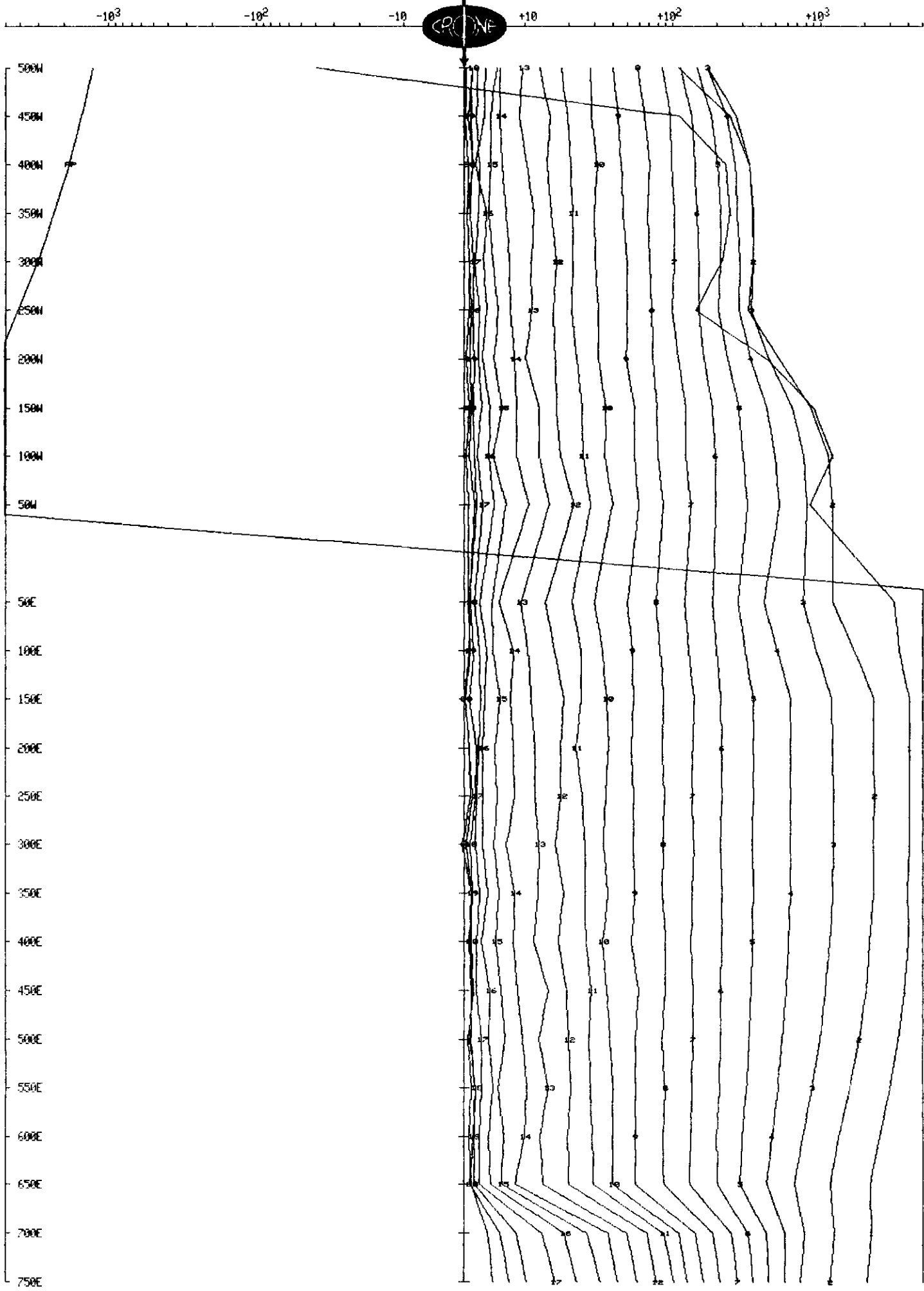


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 5, 1995

Line : L1800AS  
Tx Loop : 5  
File name : L18AS5.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



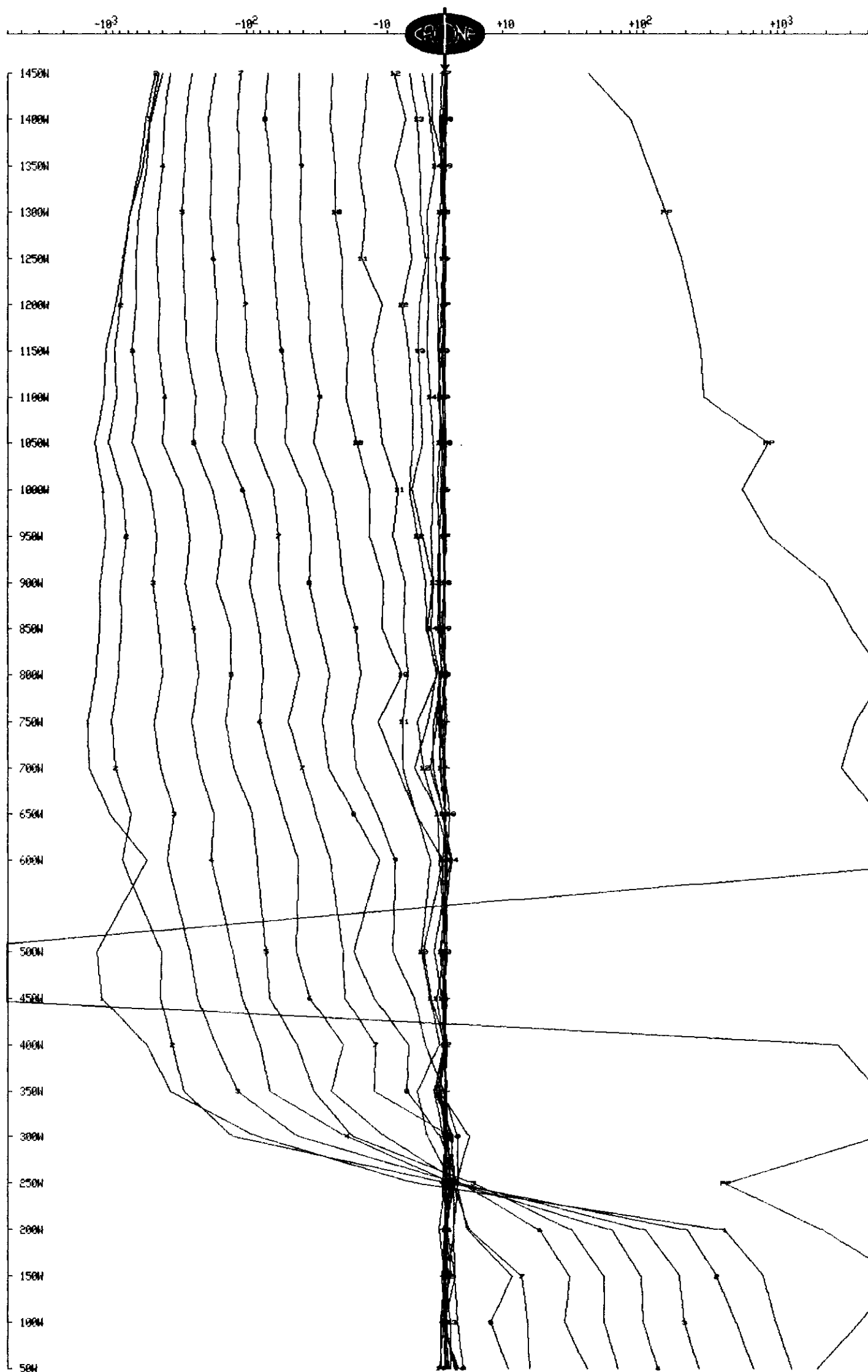
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 4, 1995

Line : L1000S  
Tx Loop : 6  
File name : L10S6.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



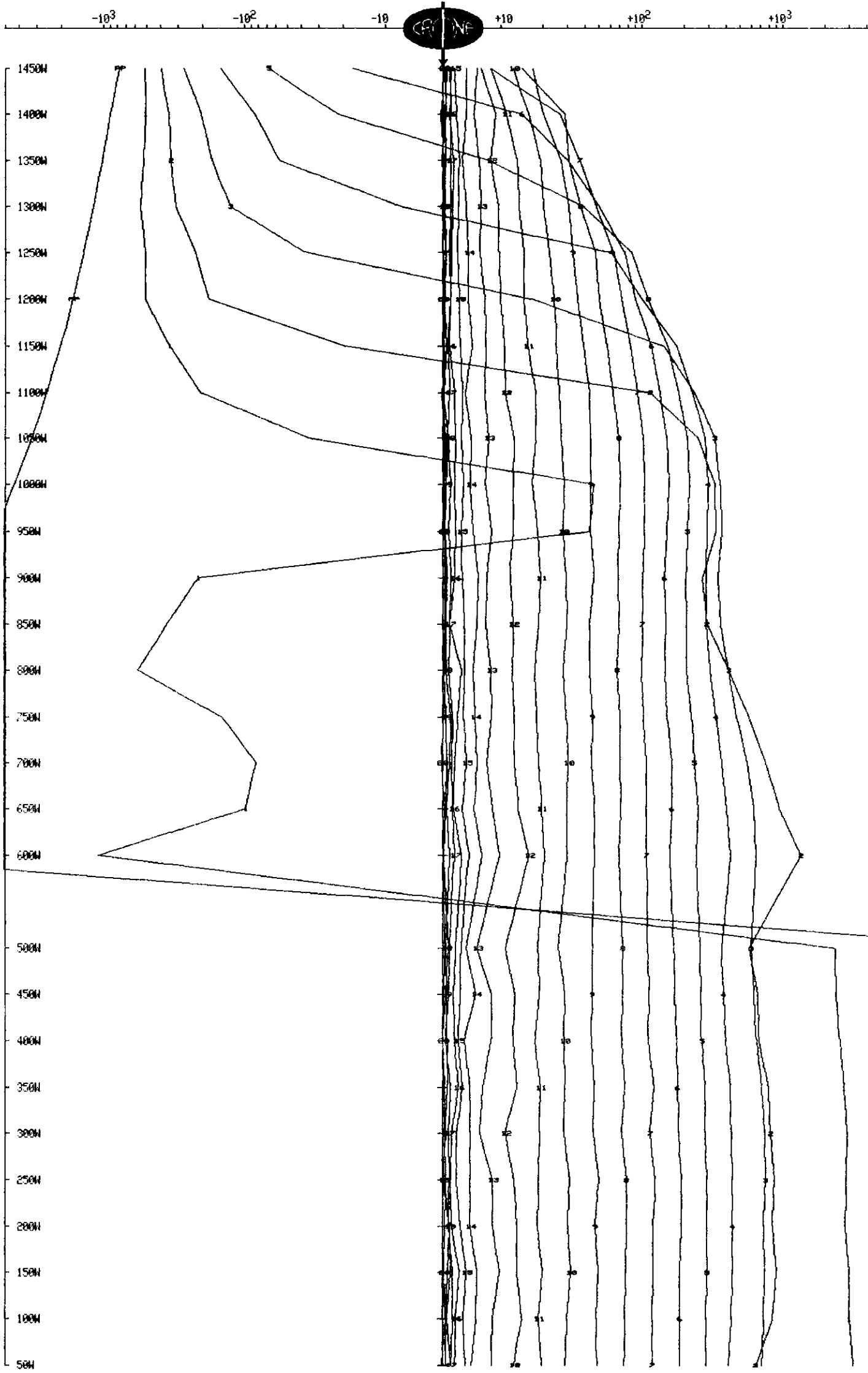
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 4, 1995

Line : L1000S  
Tx Loop : 6  
File name : L10S6.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000

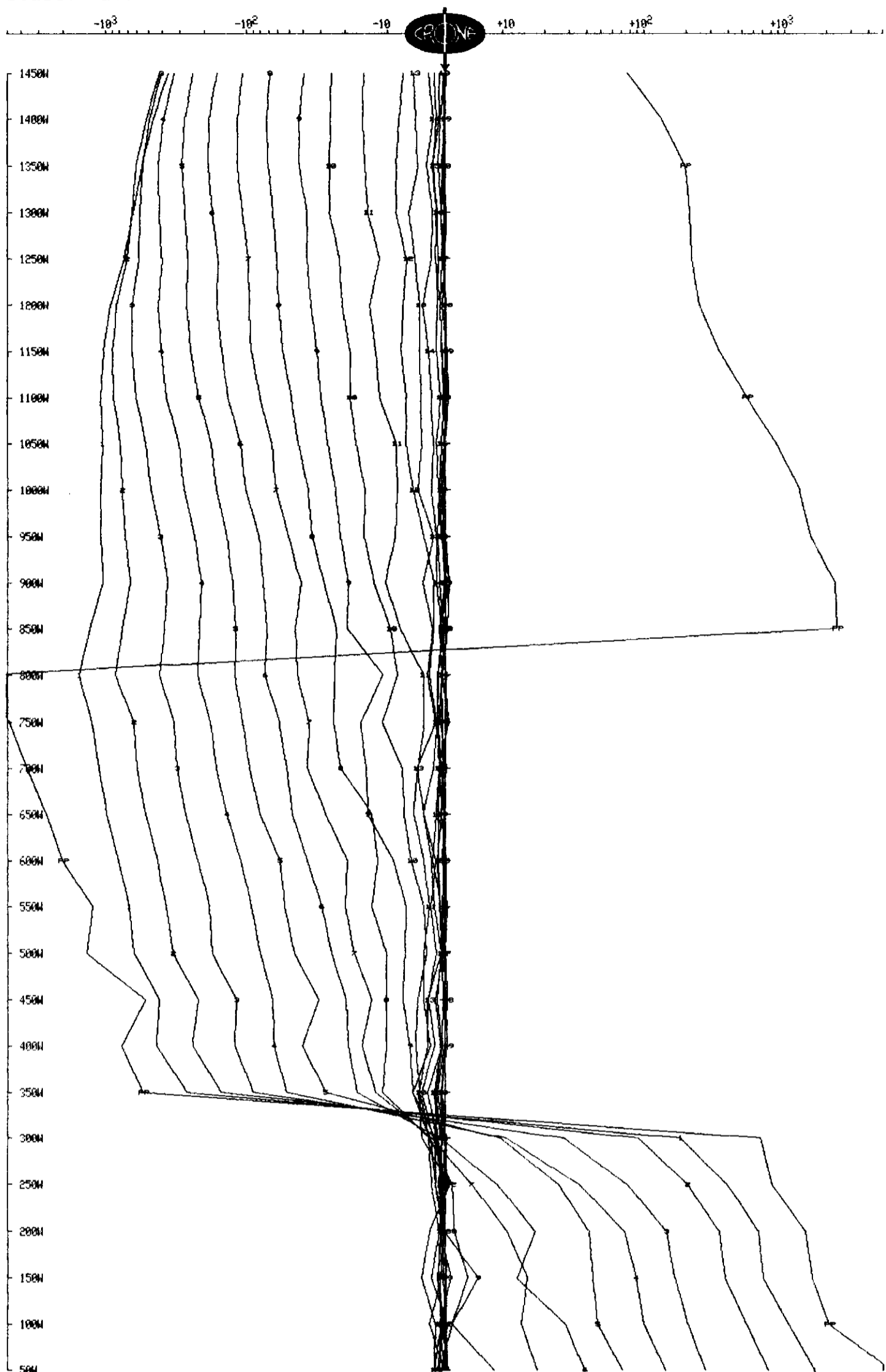


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 4, 1995

Line : L1200S  
Tx Loop : 6  
File name : L12S6.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



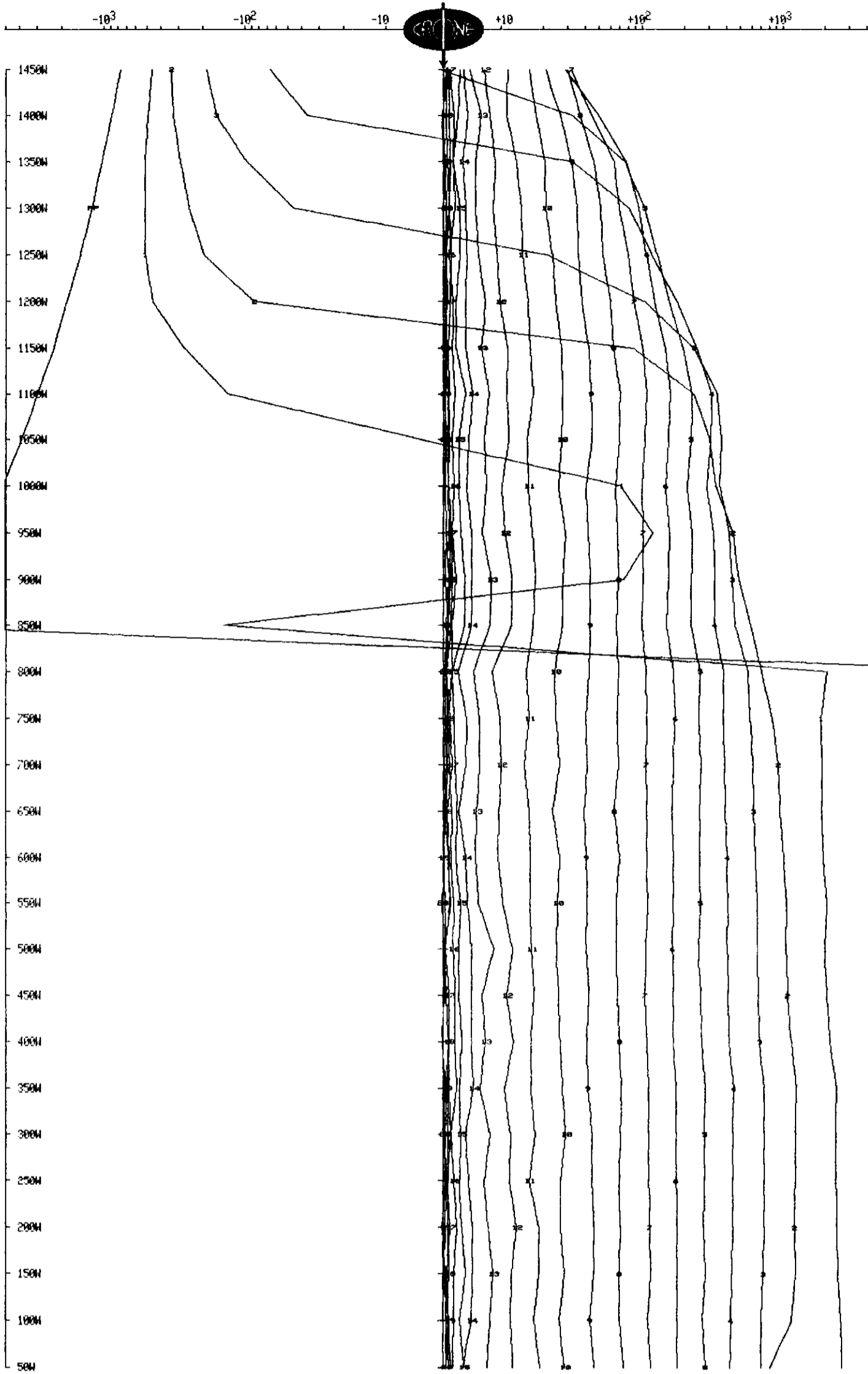
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 4, 1995

Line : L1200S  
Tx Loop : 6  
File name : L12S6.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



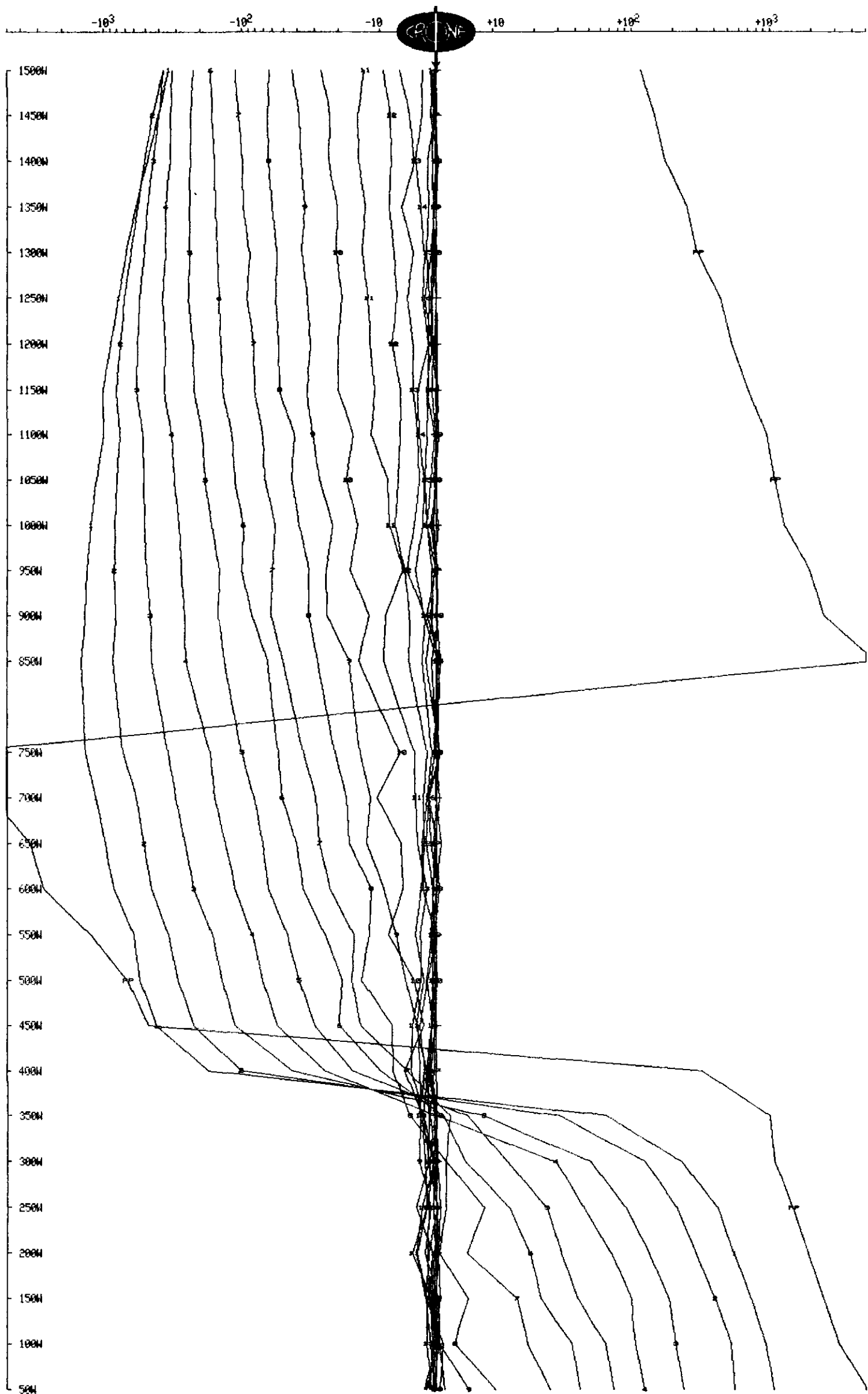
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 4, 1995

Line : L1400S  
Tx Loop : 6  
File name : L14S6.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000

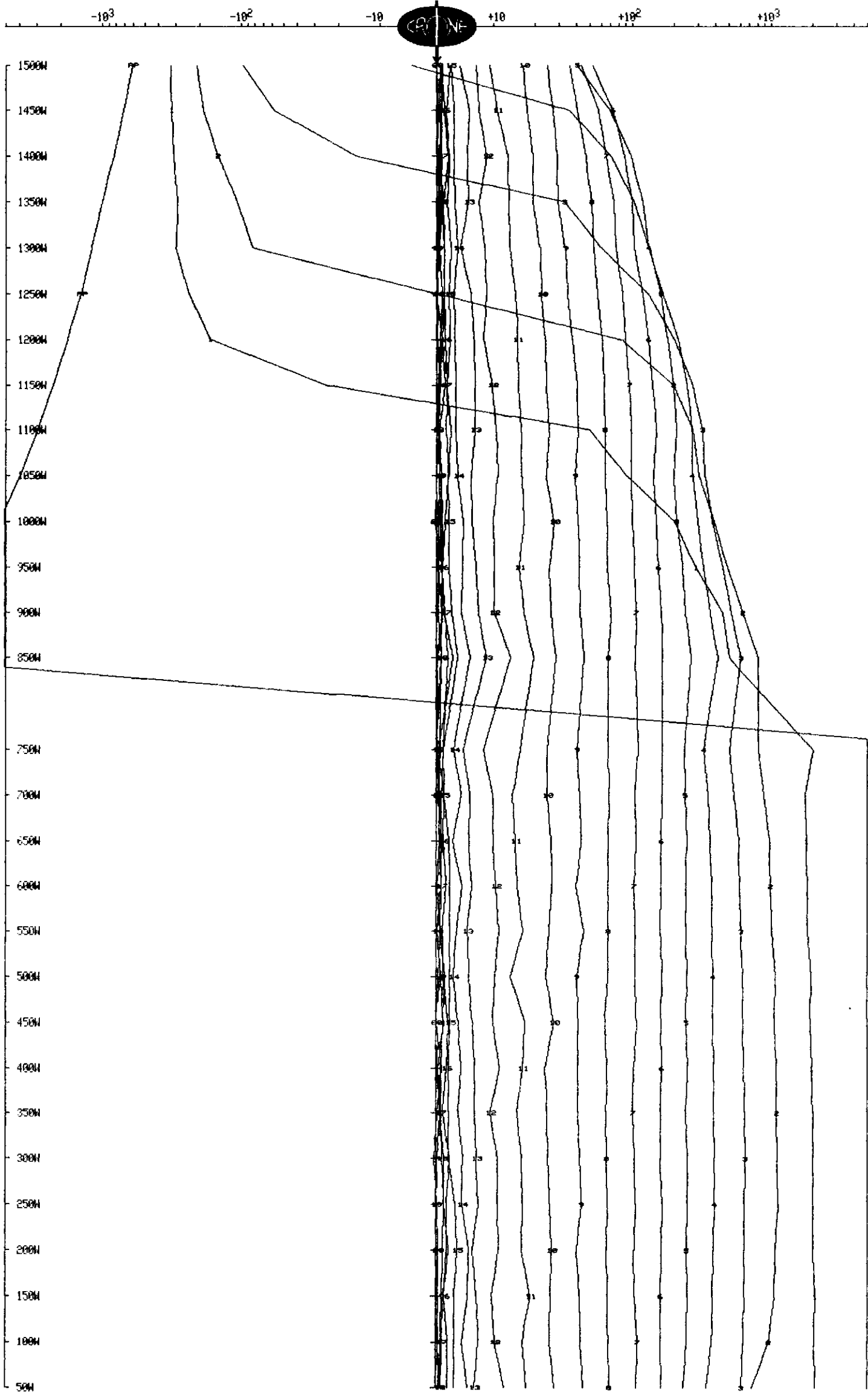


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 4, 1995

Line : L1400S  
Tx Loop : 6  
File name : L14S6.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000





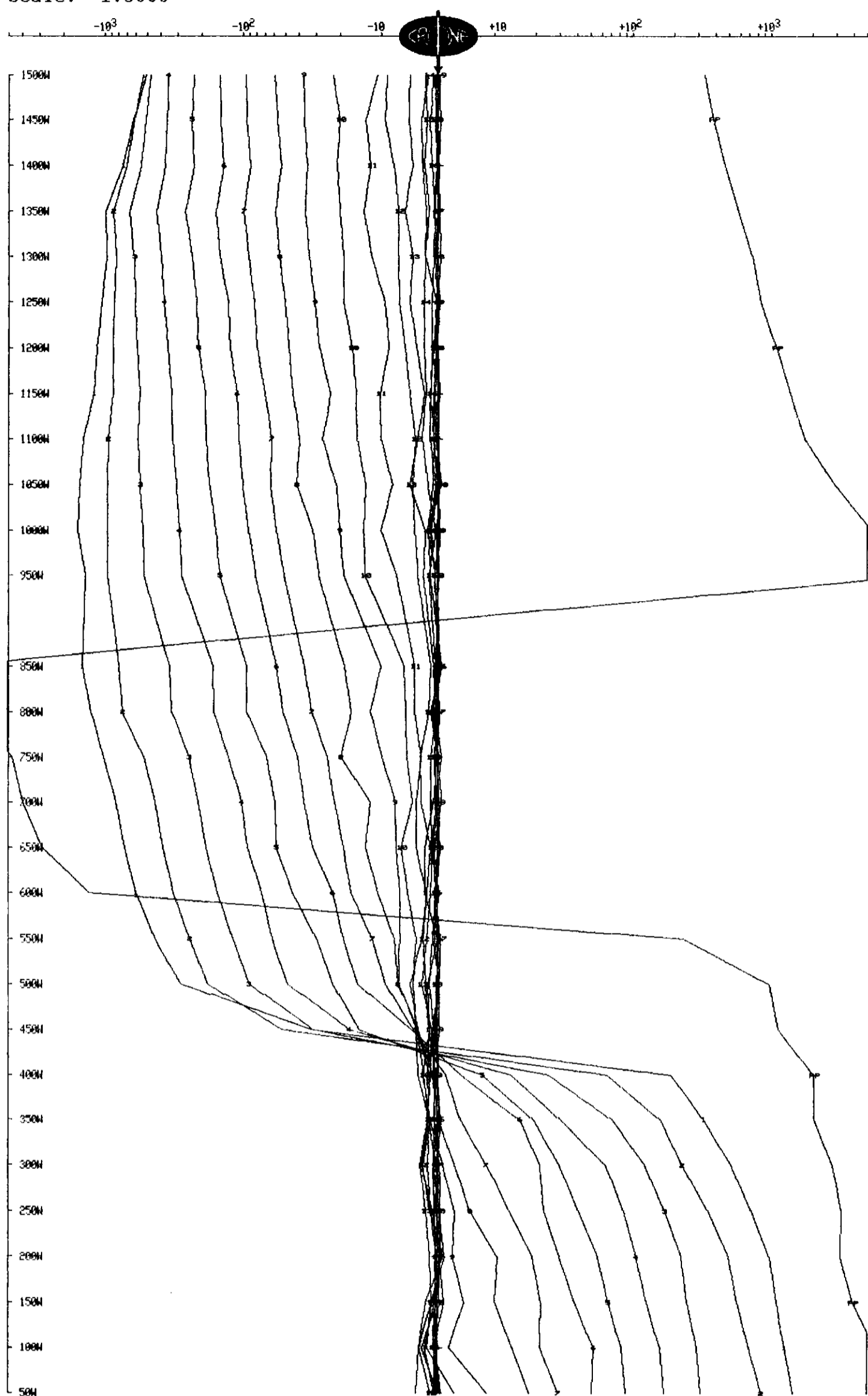
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 4, 1995

Line : L1600S  
Tx Loop : 6  
File name : L16S6.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



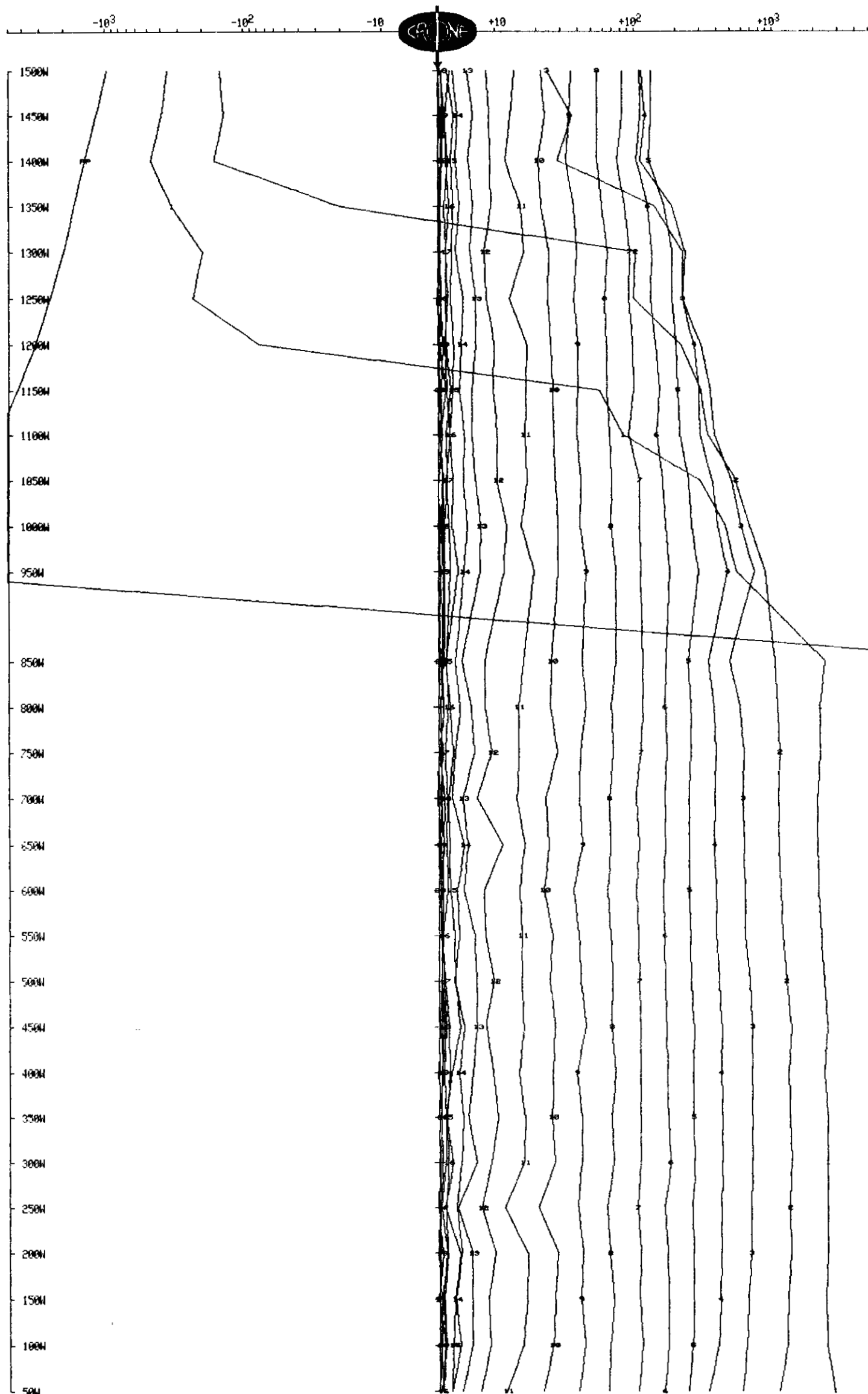
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 4, 1995

Line : L1600S  
Tx Loop : 6  
File name : L16S6.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000

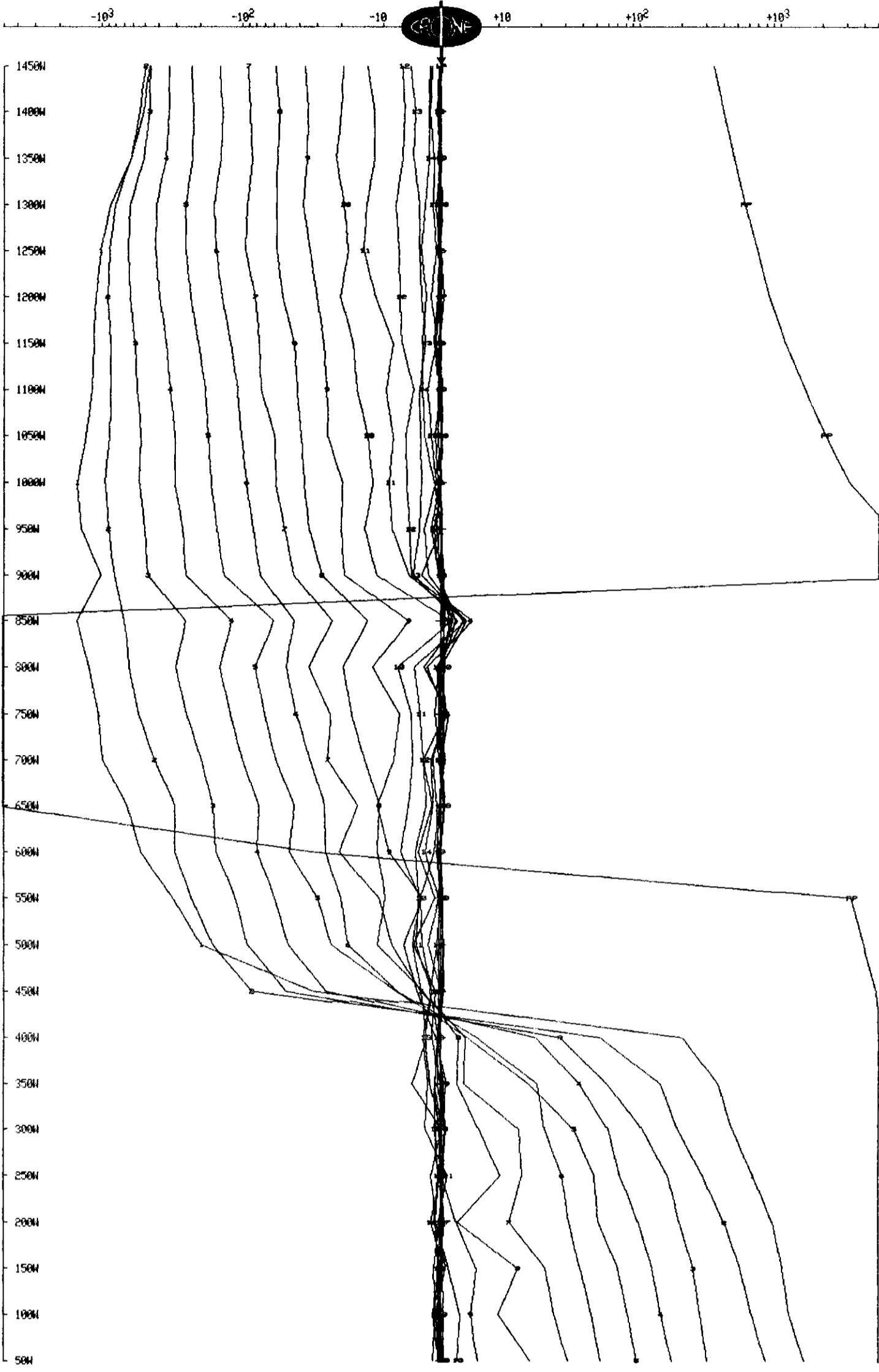


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 4, 1995

Line : L1800S  
Tx Loop : 6  
File name : L18AS6.PEM

IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000

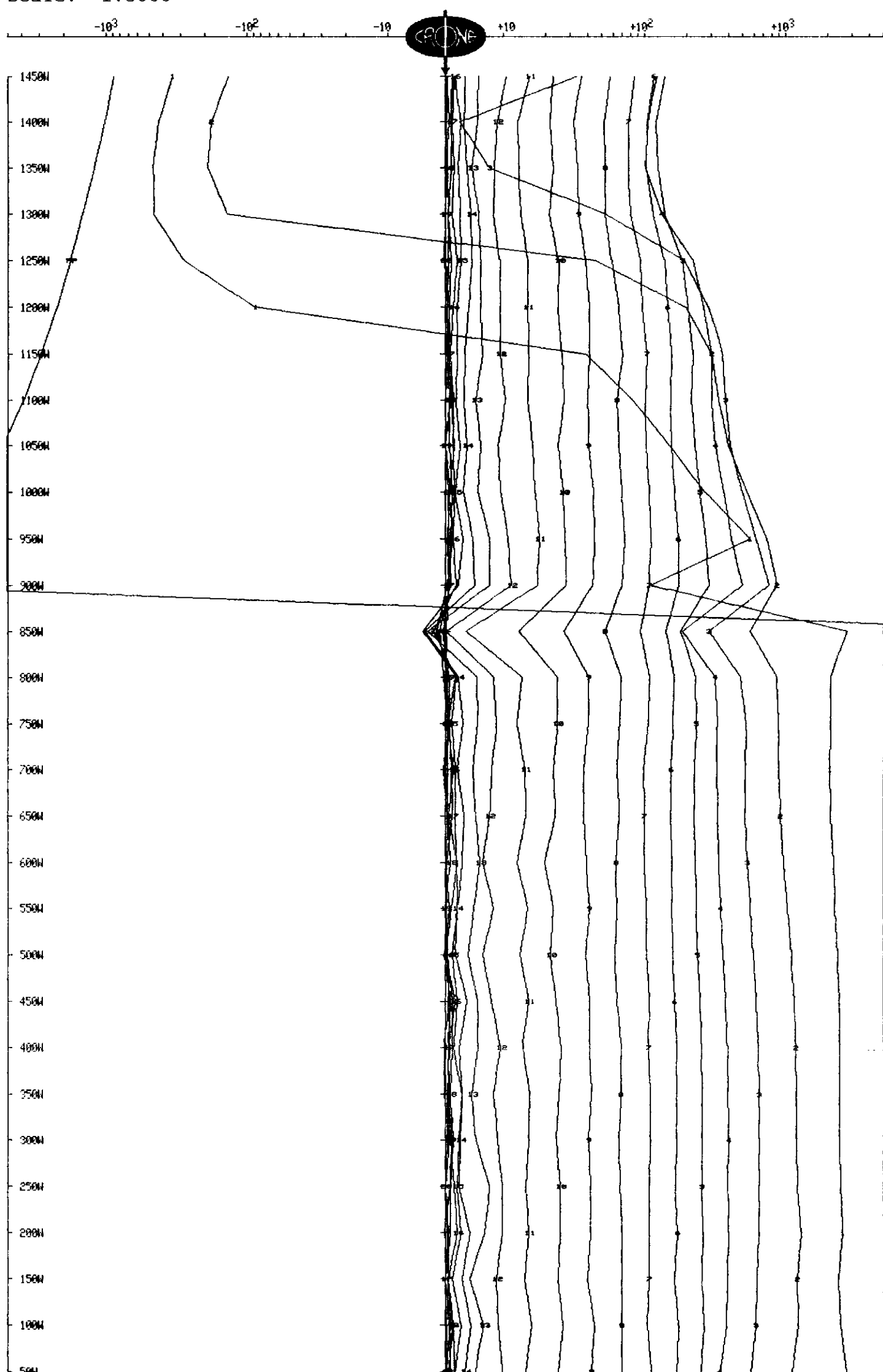


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 4, 1995

Line : L1800S  
Tx Loop : 6  
File name : L18AS6.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



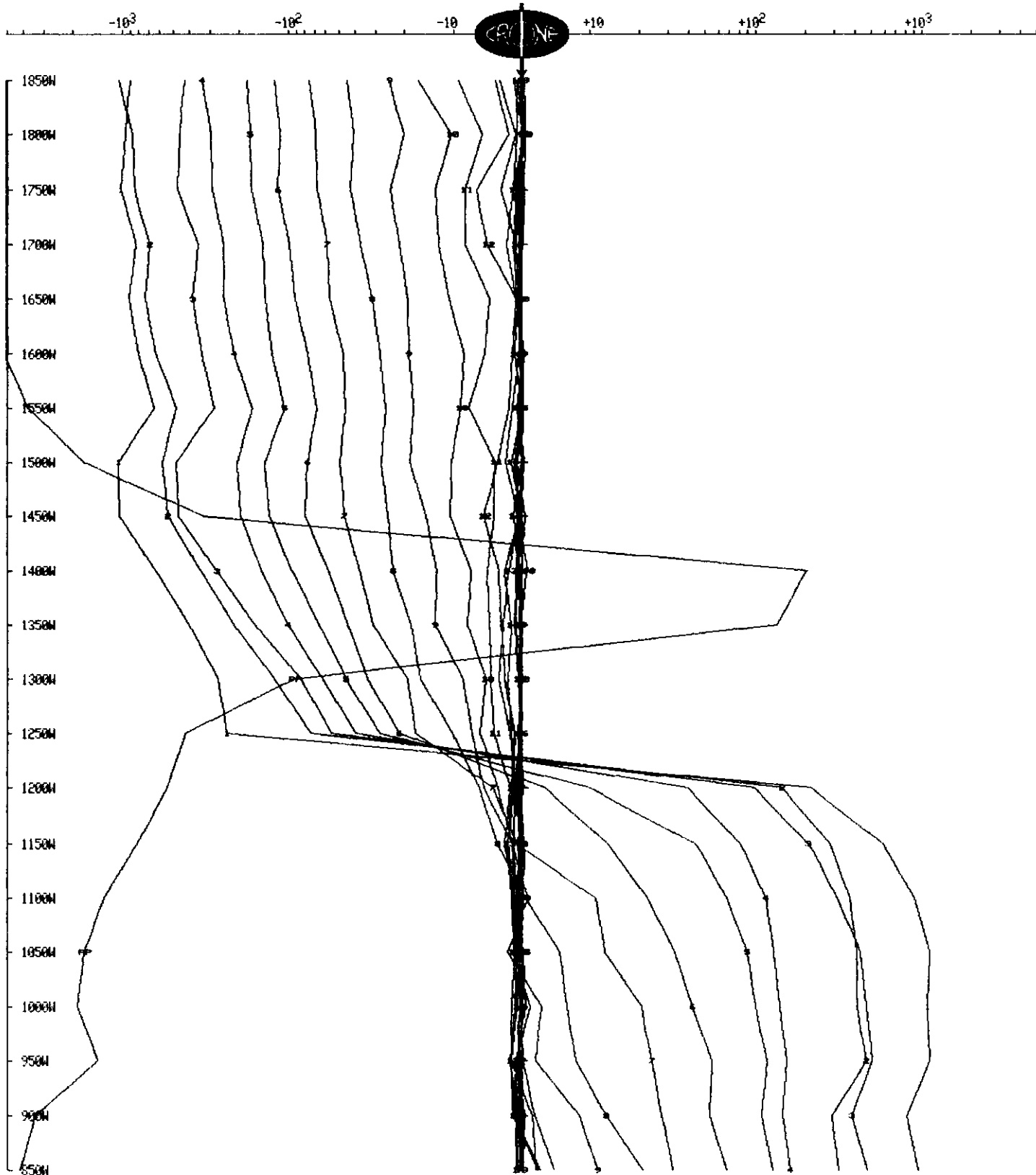
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 7, 1995

Line : L1000S  
Tx Loop : 7  
File name : L10S7.PEM

IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



# CRONE GEOPHYSICS & EXPLORATION LTD

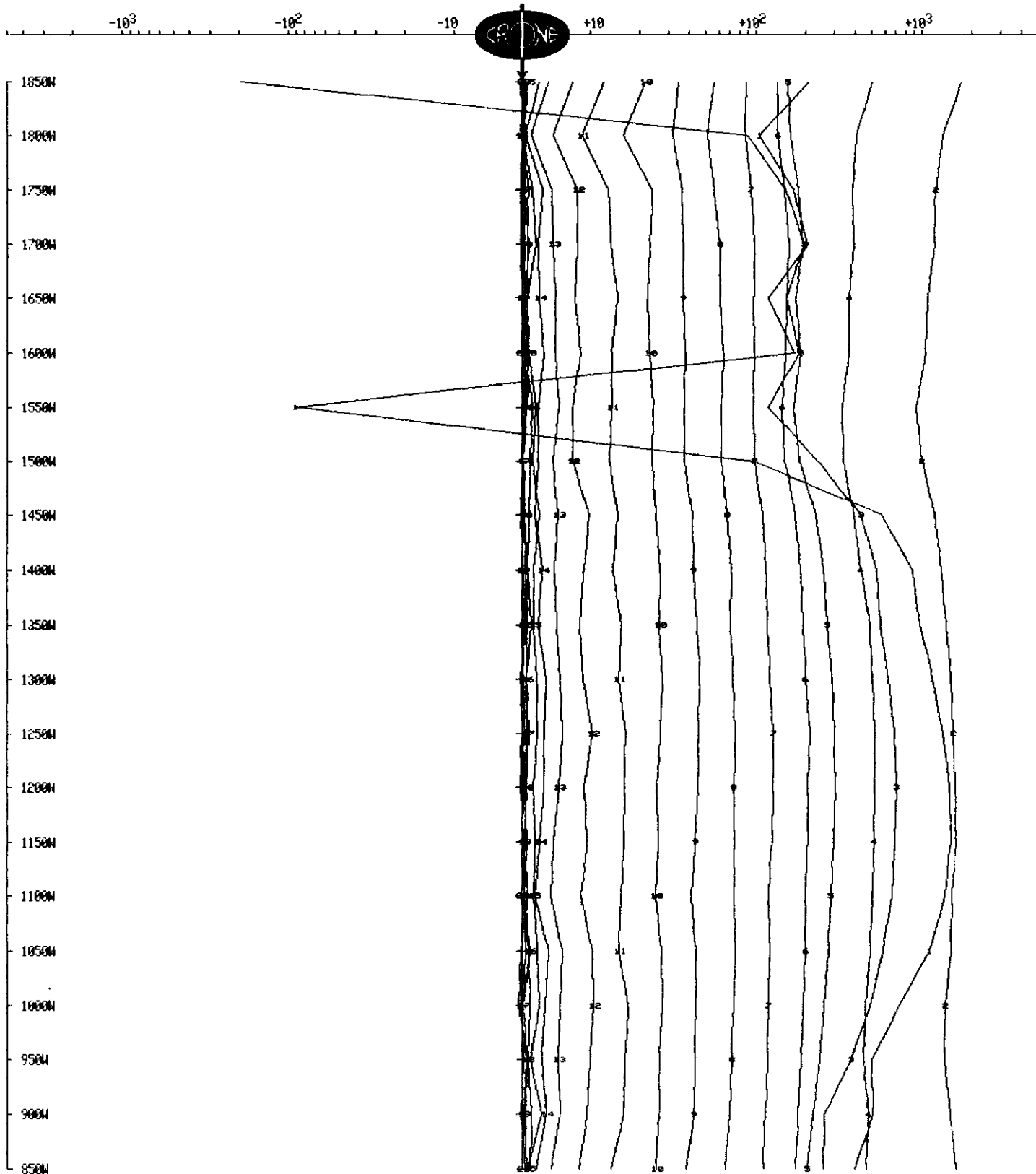
## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 7, 1995

Line : L1000S  
Tx Loop : 7  
File name : L10S7.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

Scale: 1:5000



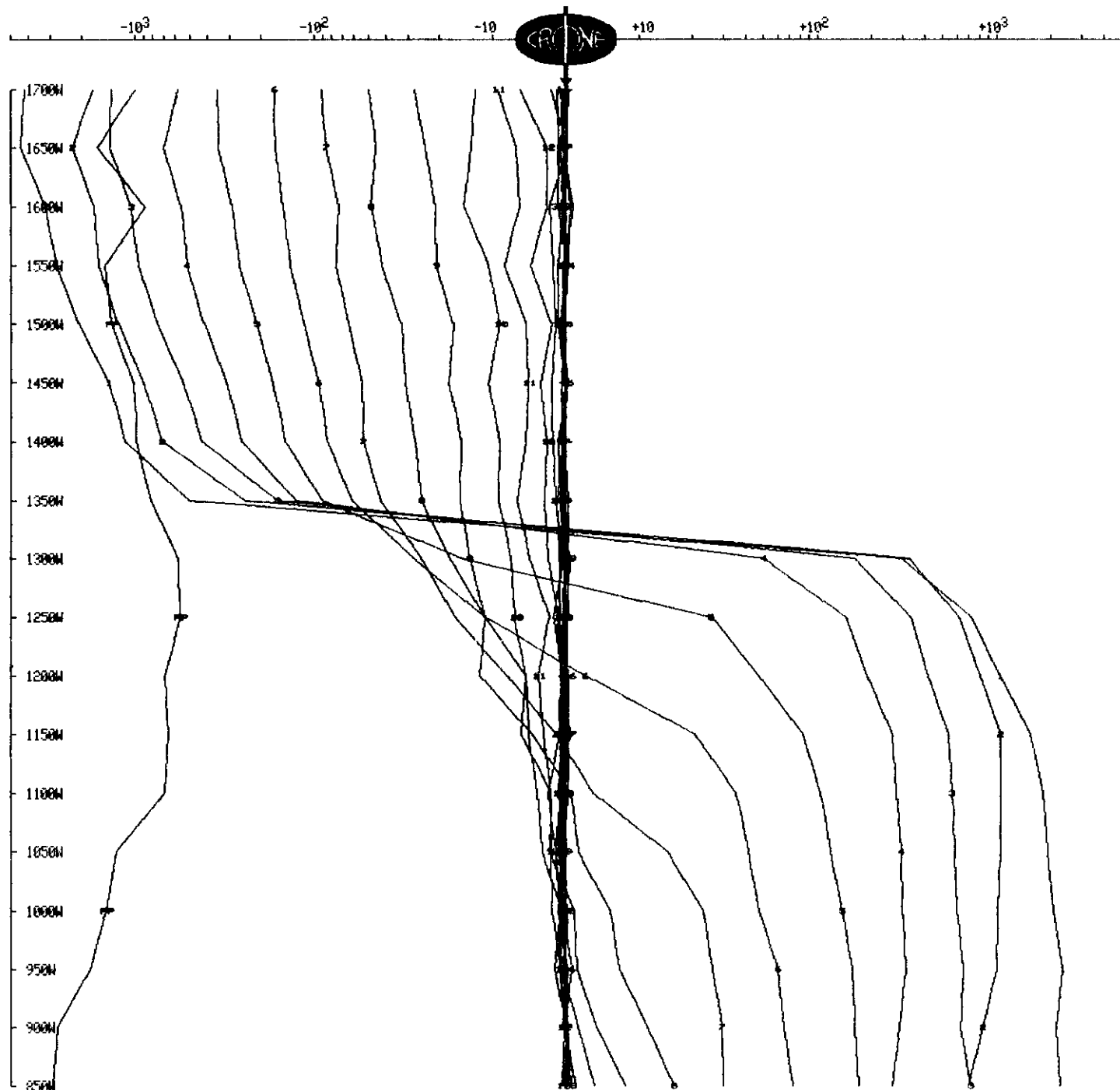
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 7, 1995

Line : L1200S  
Tx Loop : 7  
File name : L12S7.PEM

IN-LINE HORIZONTAL COMPONENT  $\text{dBx}/\text{dt}$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



# CRONE GEOPHYSICS & EXPLORATION LTD

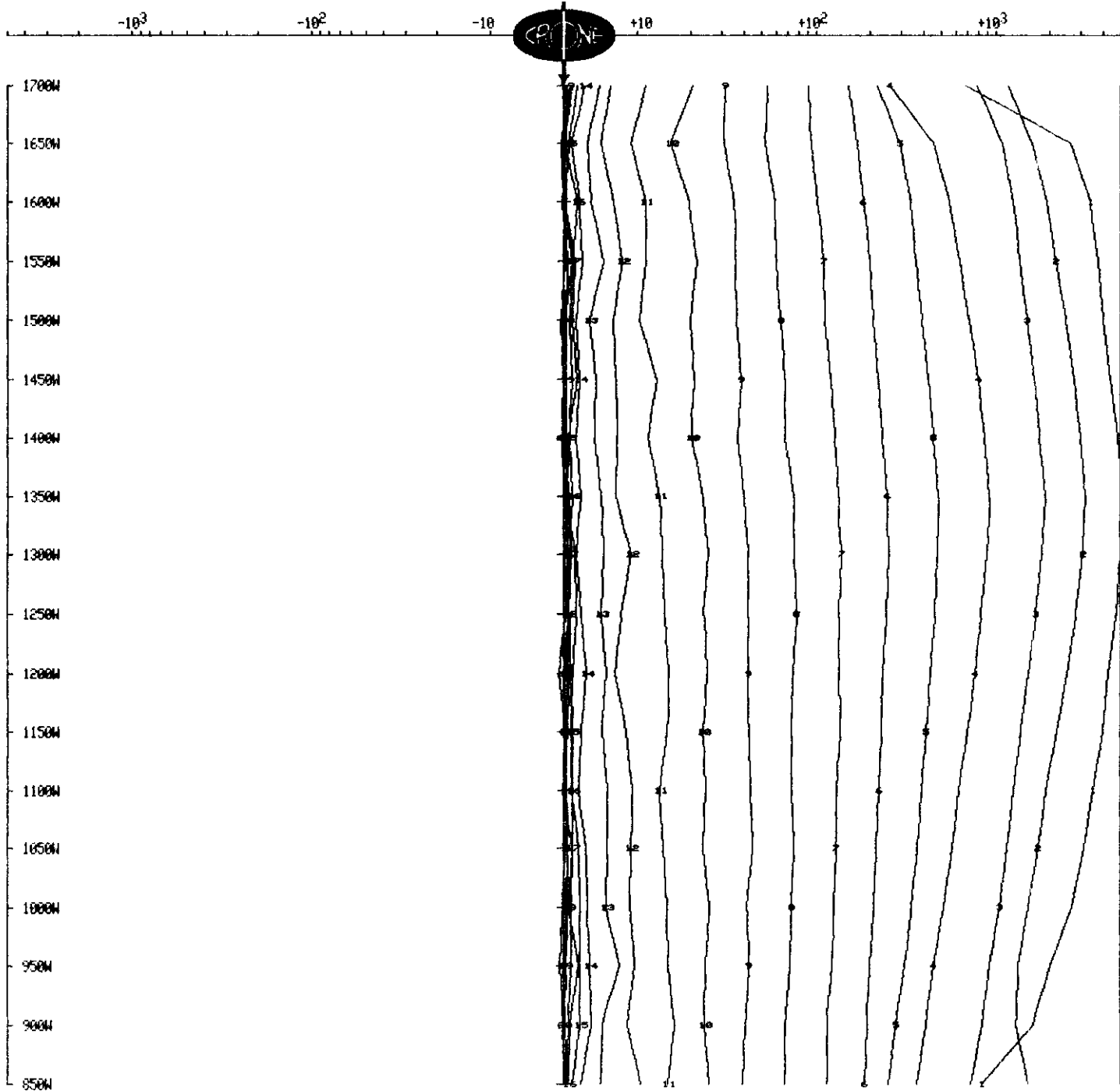
## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 7, 1995

Line : L1200S  
Tx Loop : 7  
File name : L12S7.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

Scale: 1:5000





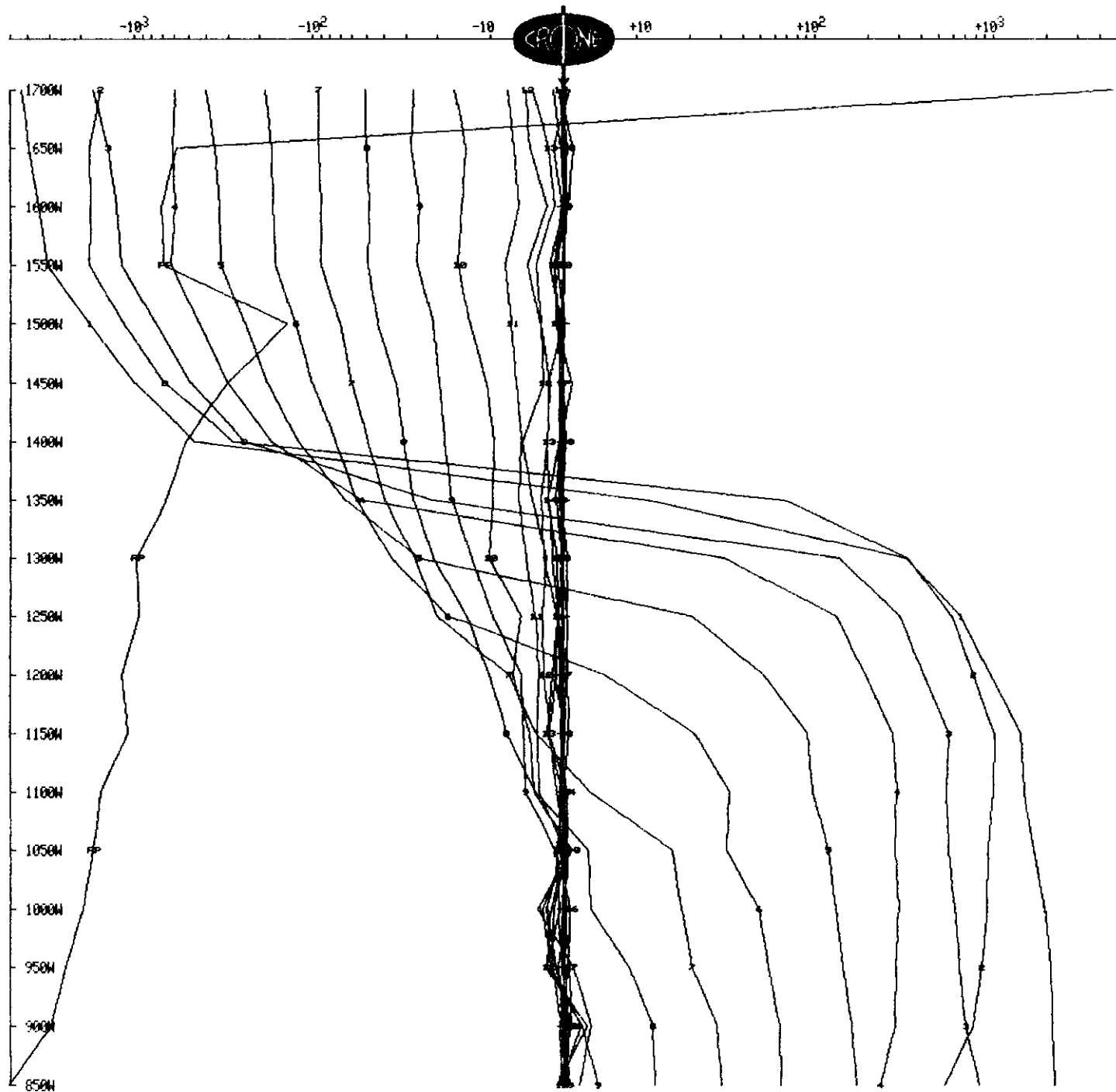
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 7, 1995

Line : L1400W  
Tx Loop : 7  
File name : L14S7.PEM

IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



# CRONE GEOPHYSICS & EXPLORATION LTD

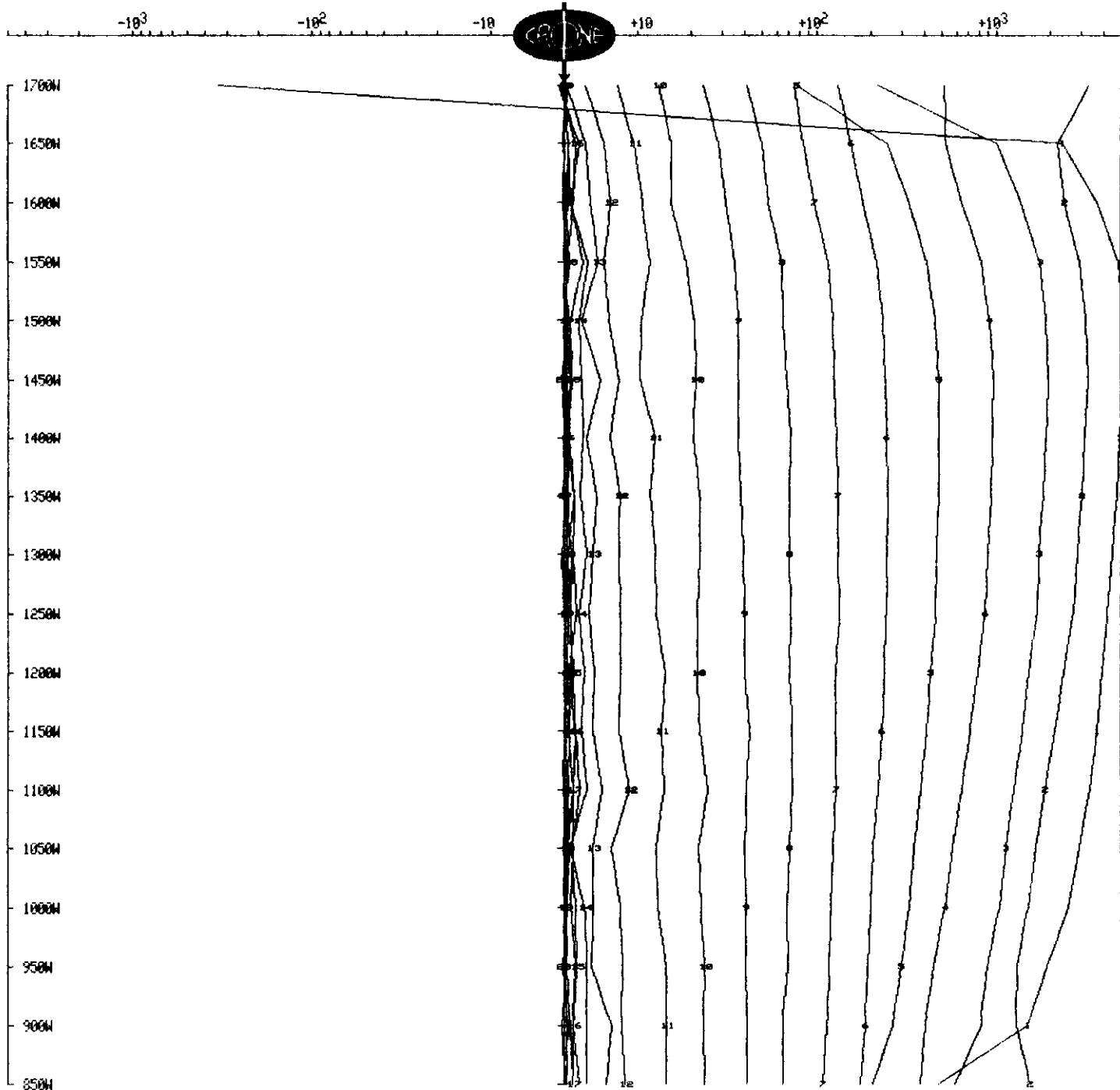
## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 7, 1995

Line : L1400W  
Tx Loop : 7  
File name : L14S7.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

Scale: 1:5000



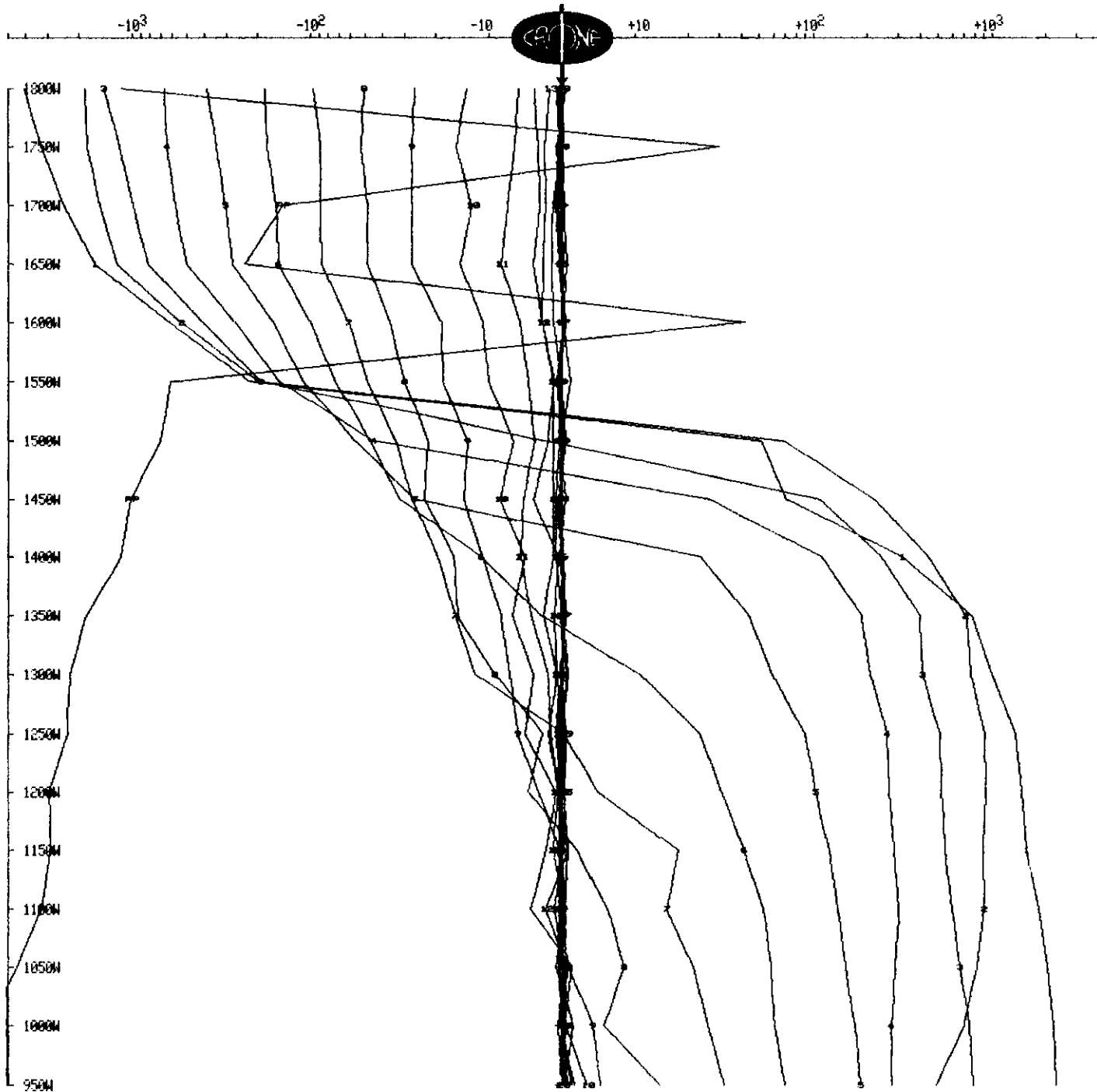
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 7, 1995

Line : L1600S  
Tx Loop : 7  
File name : L16S7.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



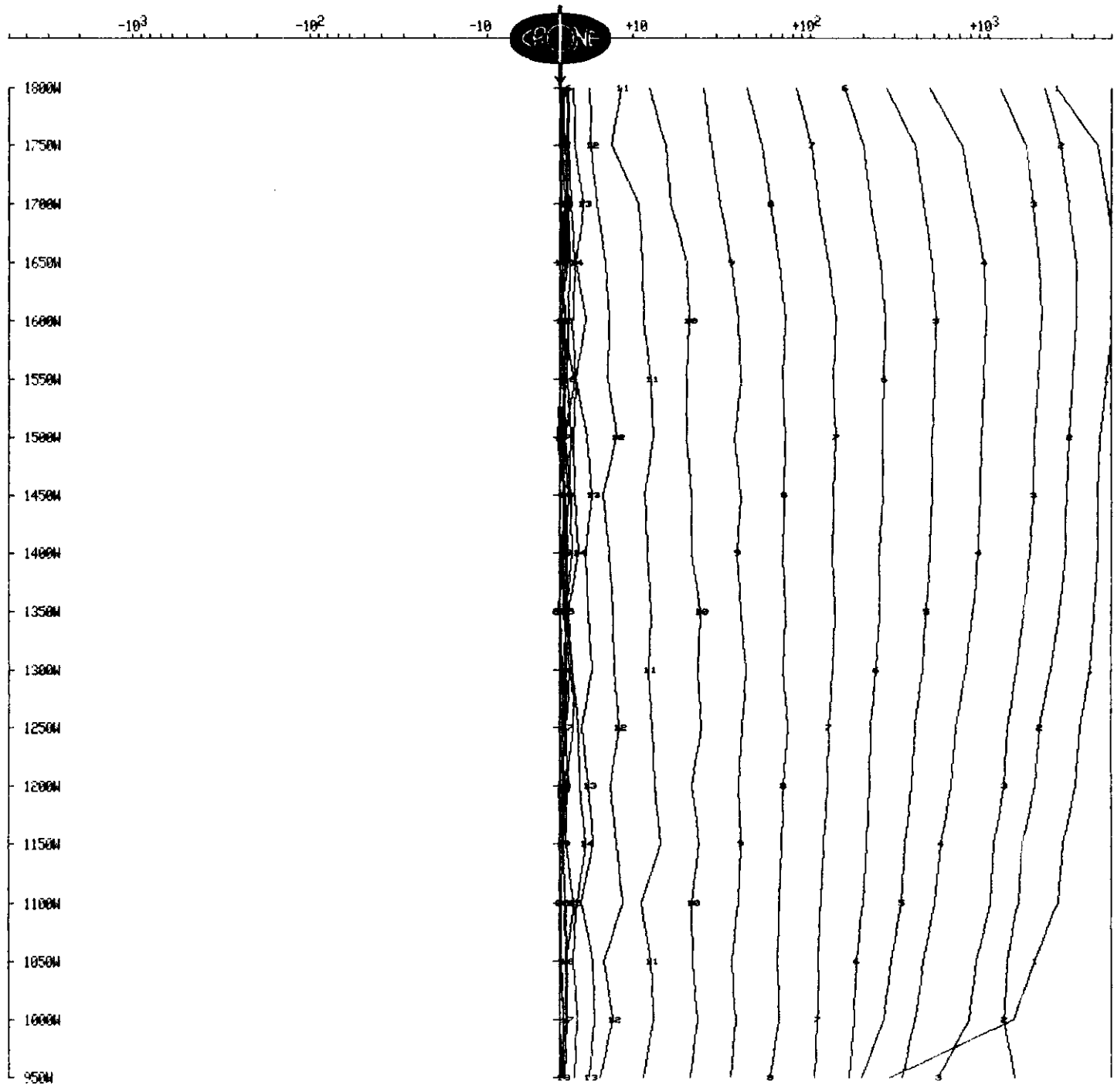
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 7, 1995

Line : L1600S  
Tx Loop : 7  
File name : L16S7.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



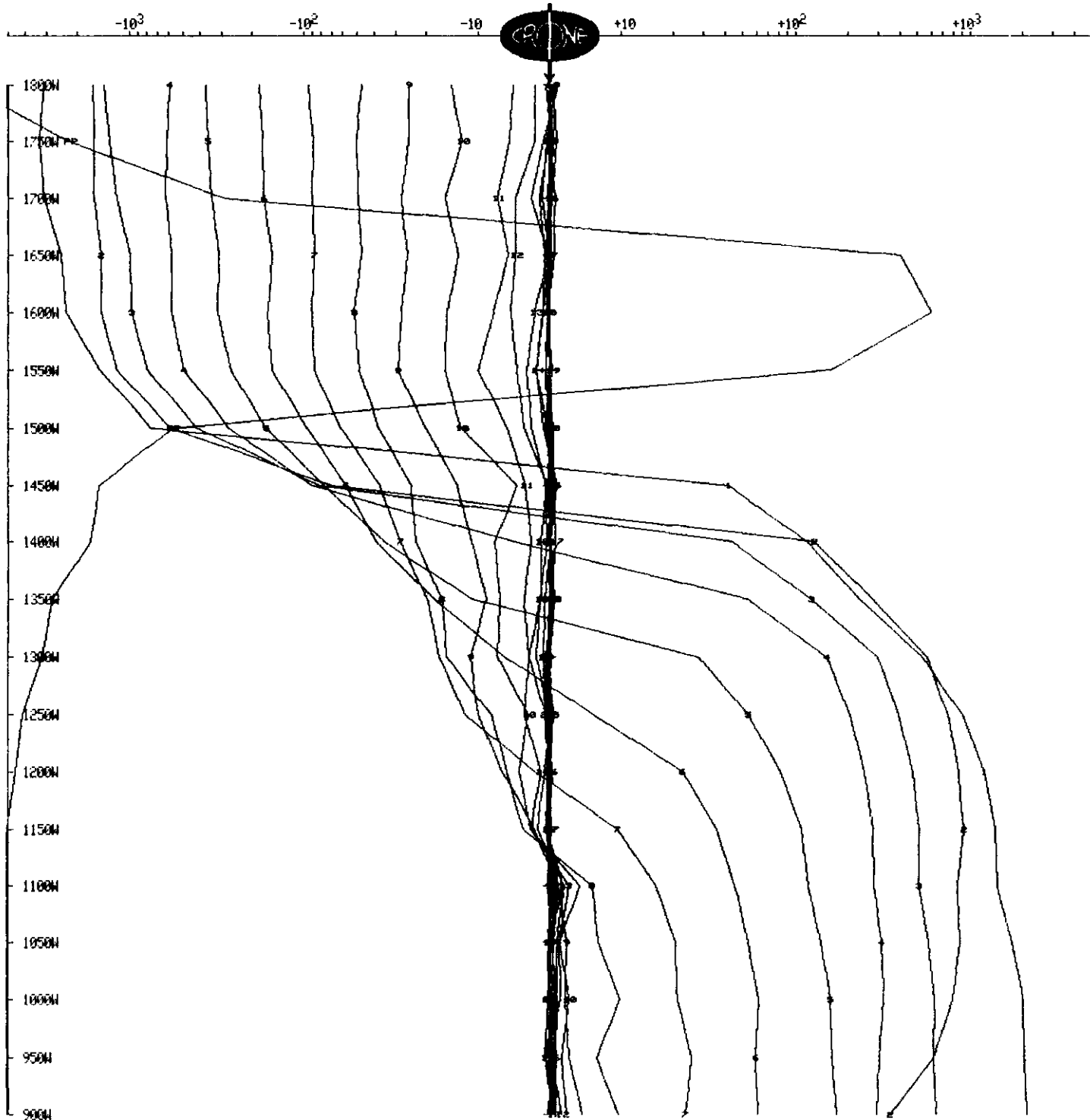
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 7, 1995

Line : L1800AS  
Tx Loop : 7  
File name : L18AS7.PEM

IN-LINE HORIZONTAL COMPONENT  $\text{dBx/dt}$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



# CRONE GEOPHYSICS & EXPLORATION LTD

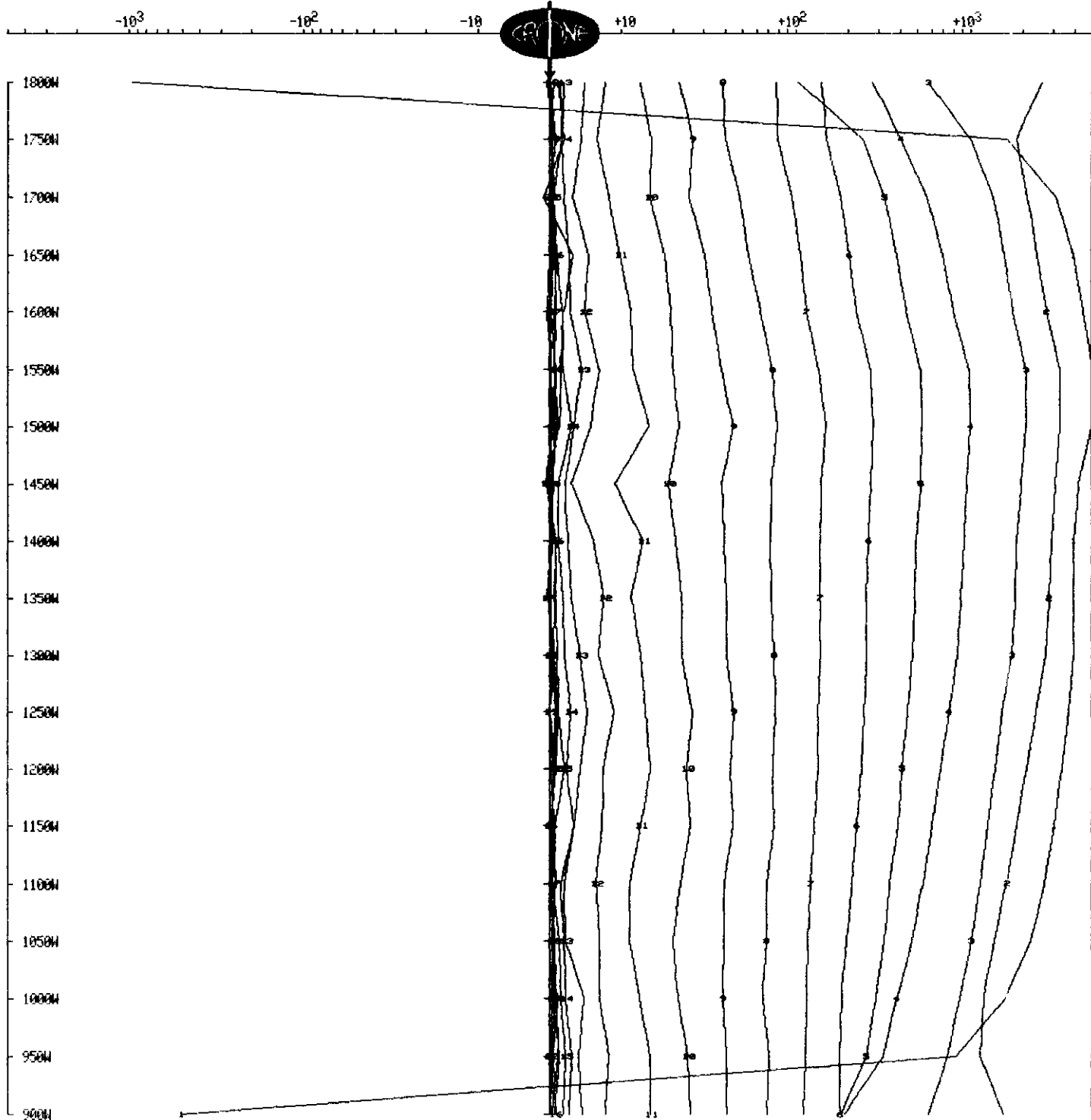
## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 7, 1995

Line : L1800AS  
Tx Loop : 7  
File name : L18AS7.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

Scale: 1:5000

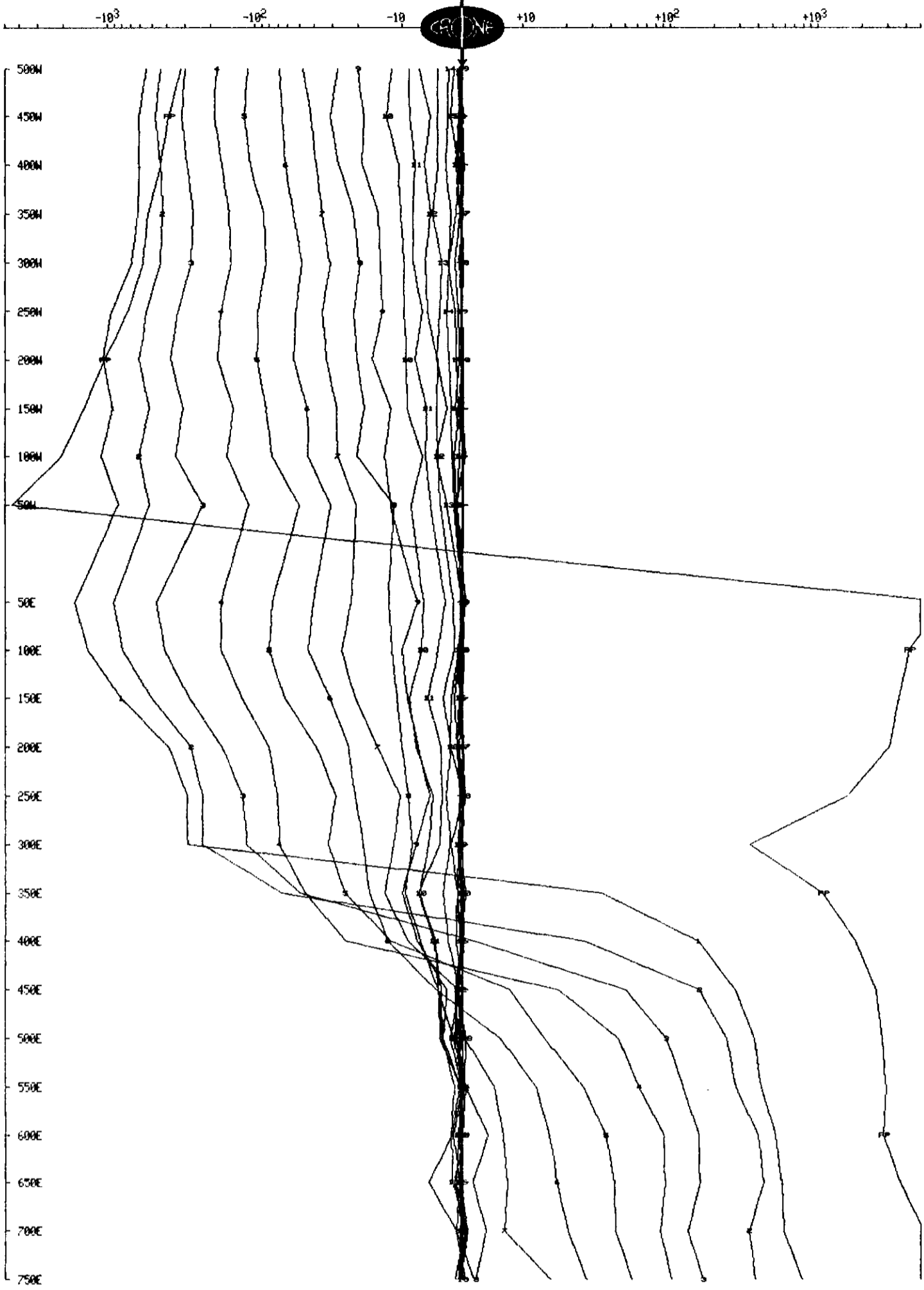


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 3, 1995

Line : L2000S  
Tx Loop : 8  
File name : L20S8.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



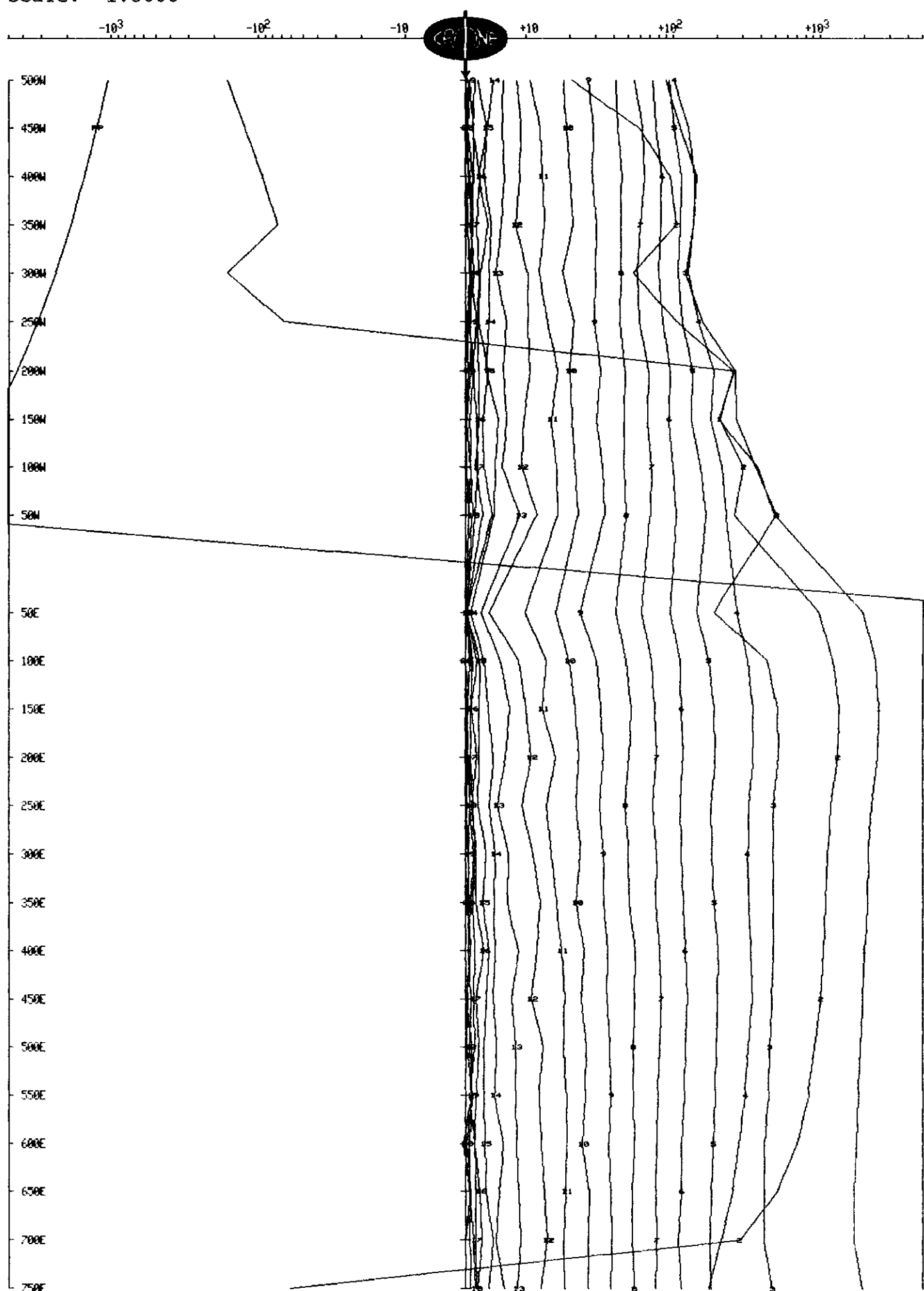
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 3, 1995

Line : L2000S  
Tx Loop : 8  
File name : L20S8.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



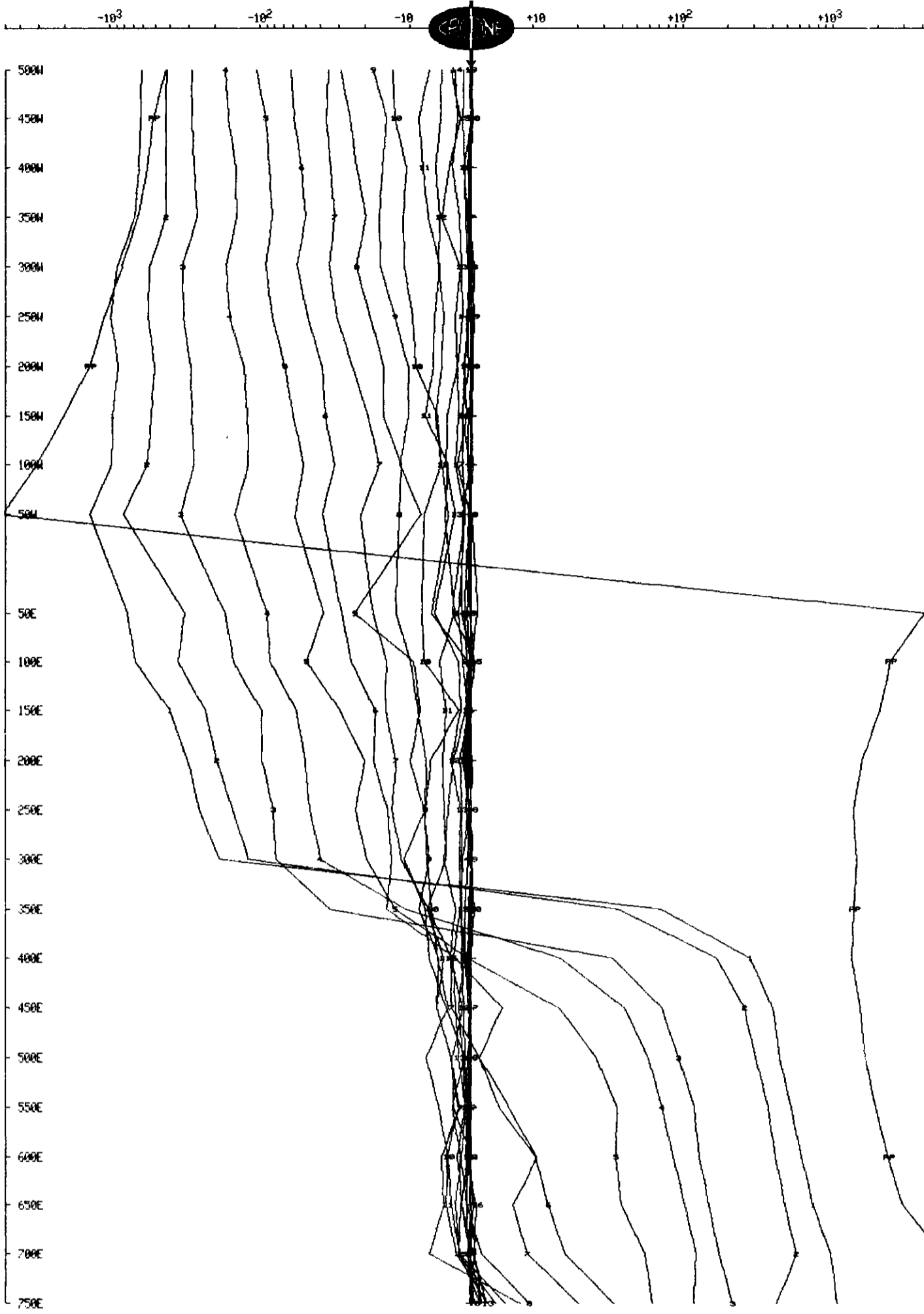


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 3, 1995

Line : L2200S  
Tx Loop : 8  
File name : L22S8.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000

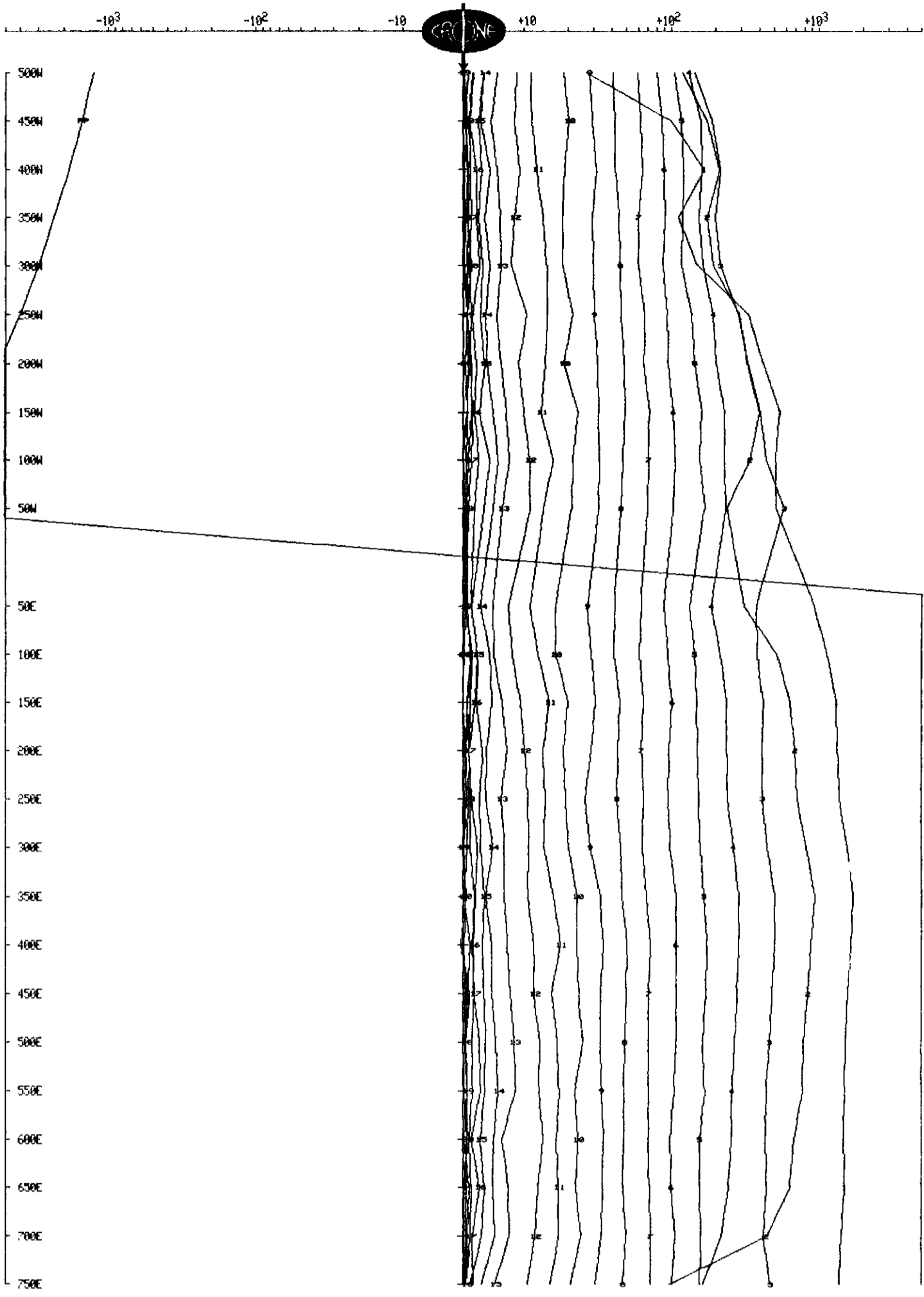


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 3, 1995

Line : L2200S  
Tx Loop : 8  
File name : L22S8.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



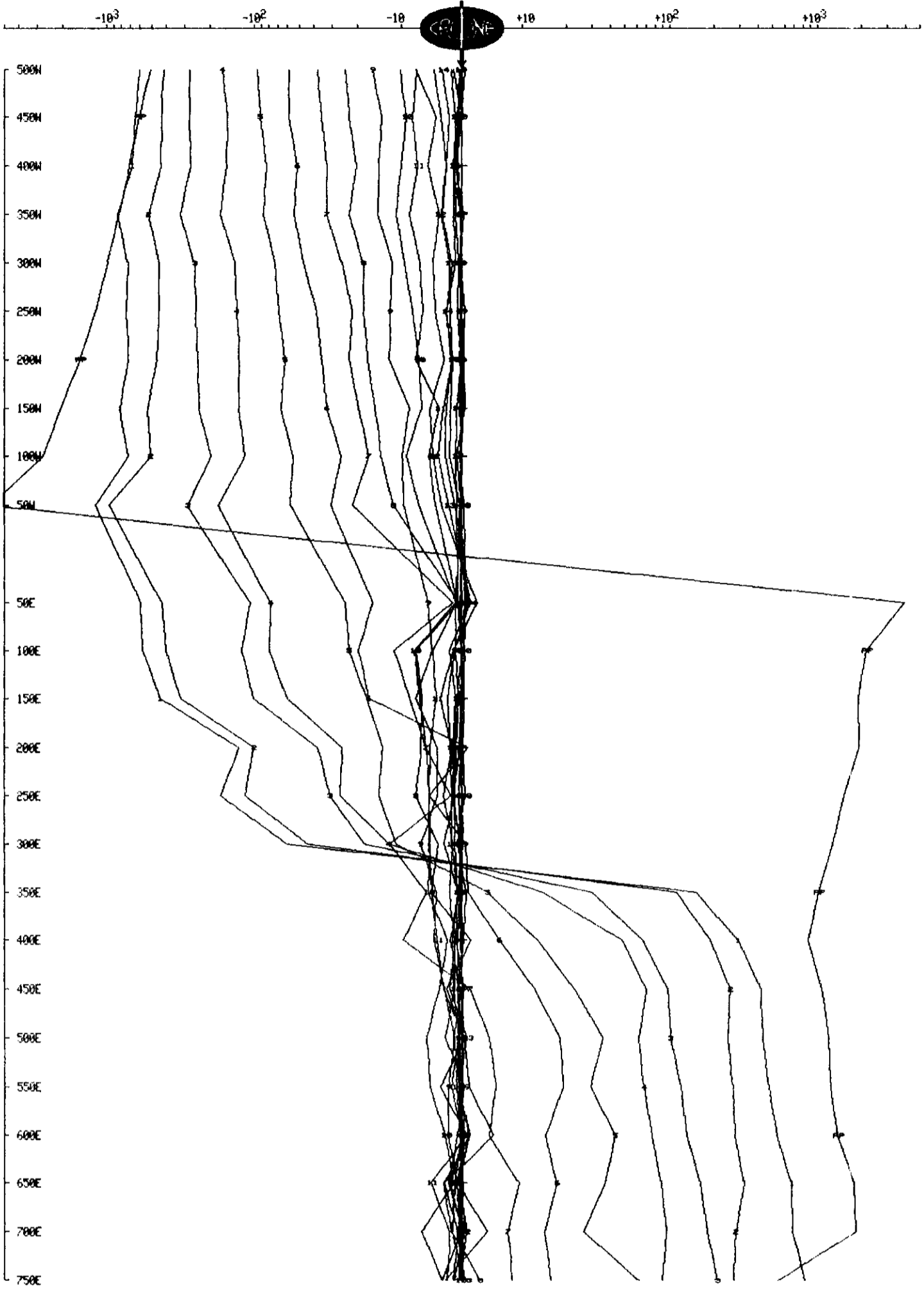
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 3, 1995

Line : L2400S  
Tx Loop : 8  
File name : L24S8.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



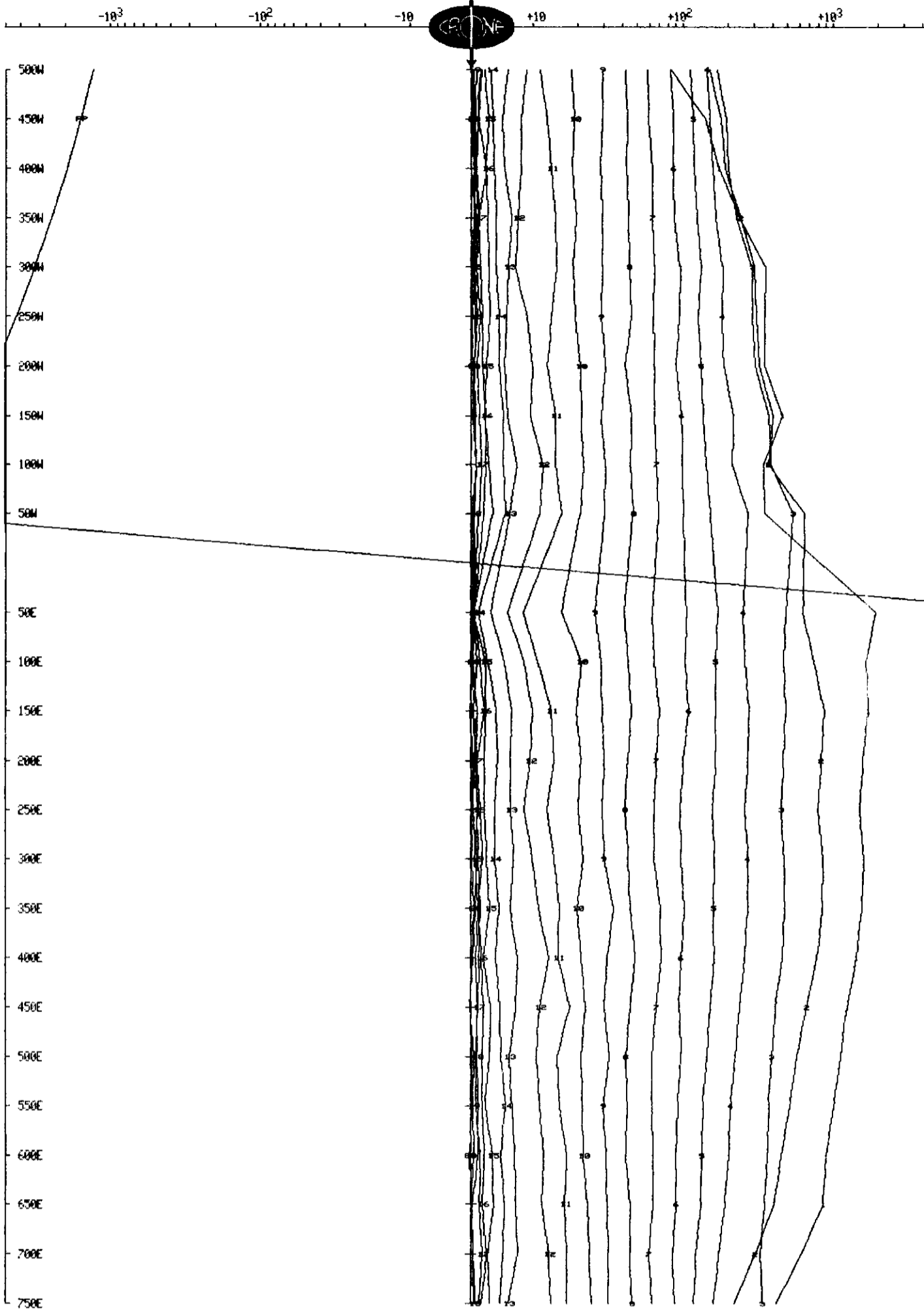
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 3, 1995

Line : L2400S  
Tx Loop : 8  
File name : L24S8.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



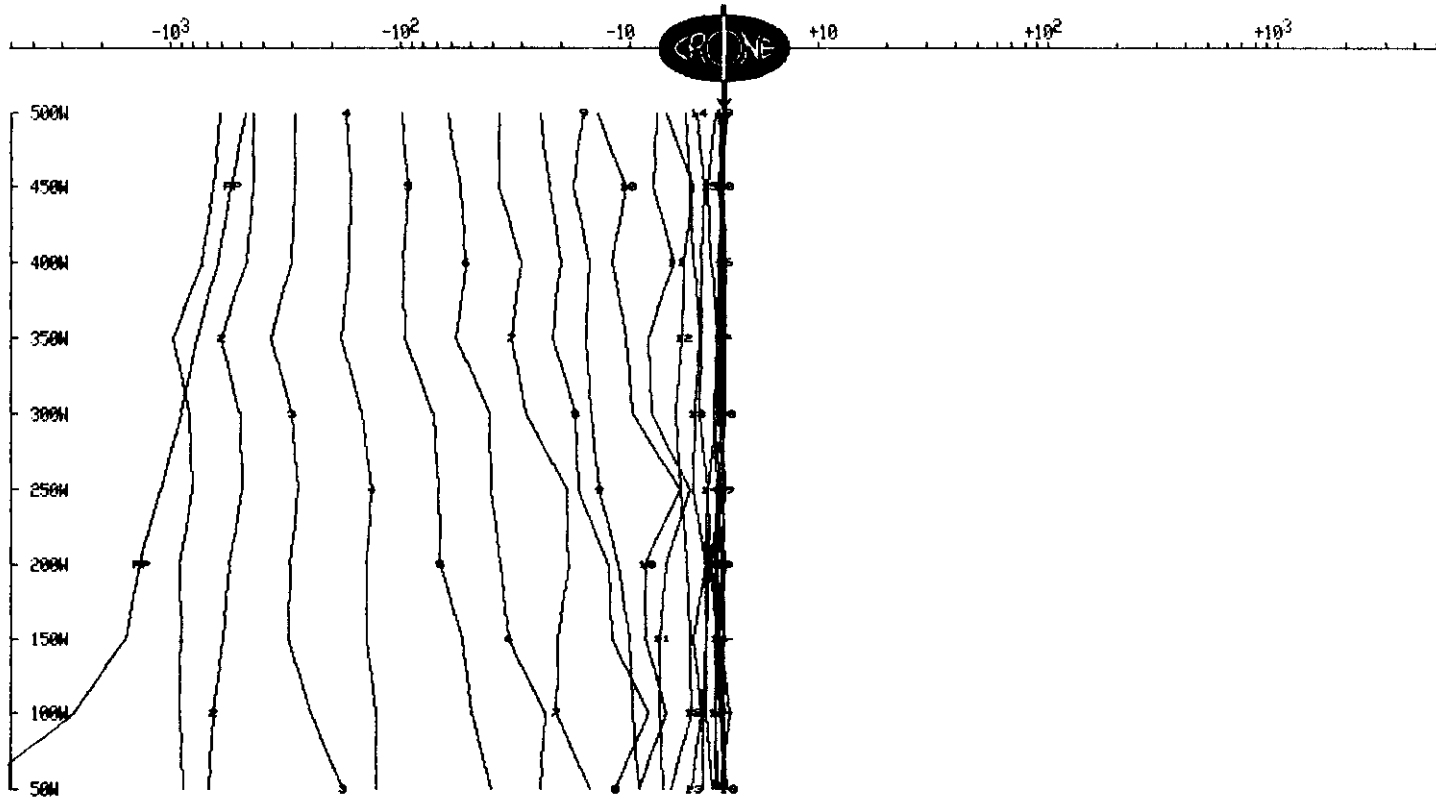
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 3, 1995

Line : L2600S  
Tx Loop : 8  
File name : L26S8.PEM

IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



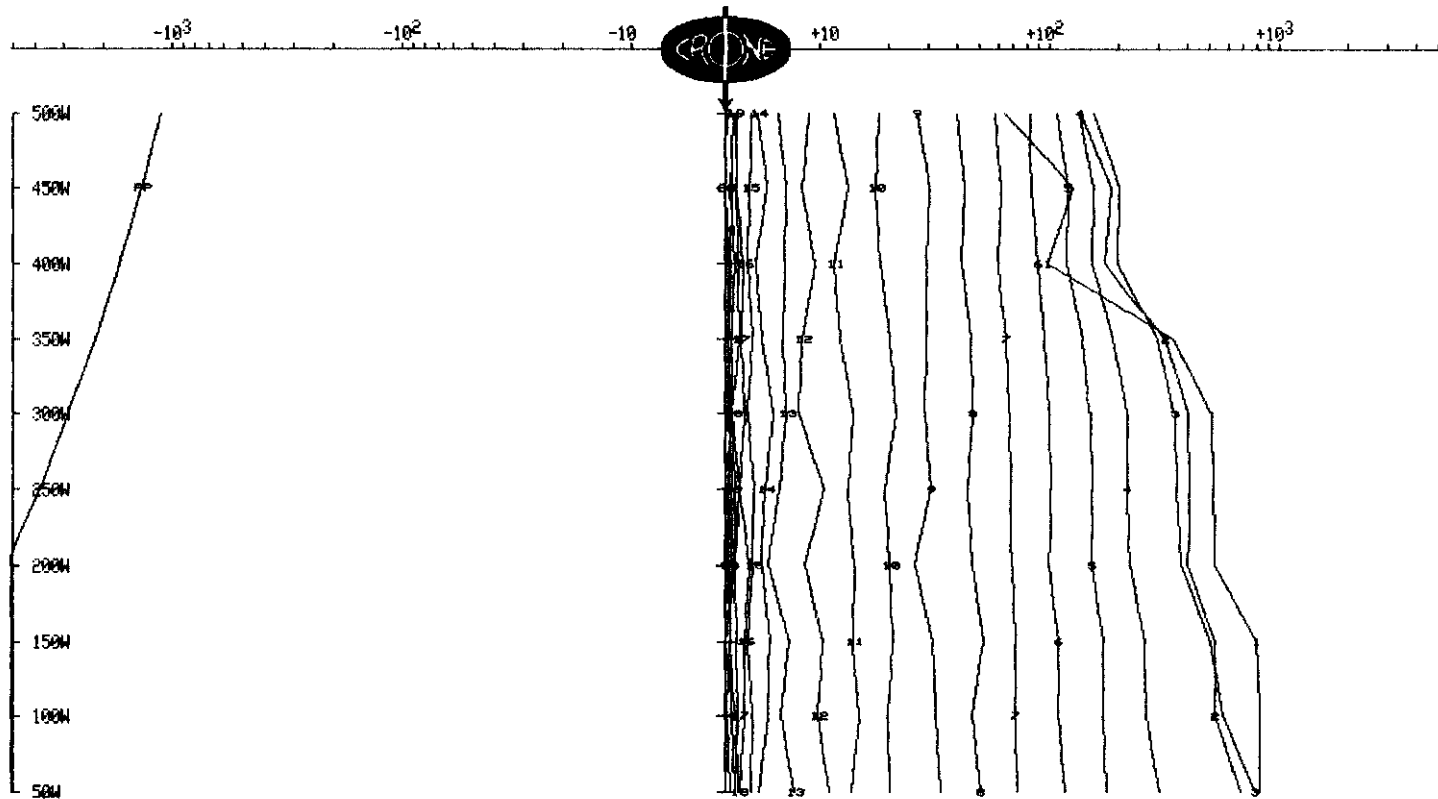
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 3, 1995

Line : L2600S  
Tx Loop : 8  
File name : L26S8.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



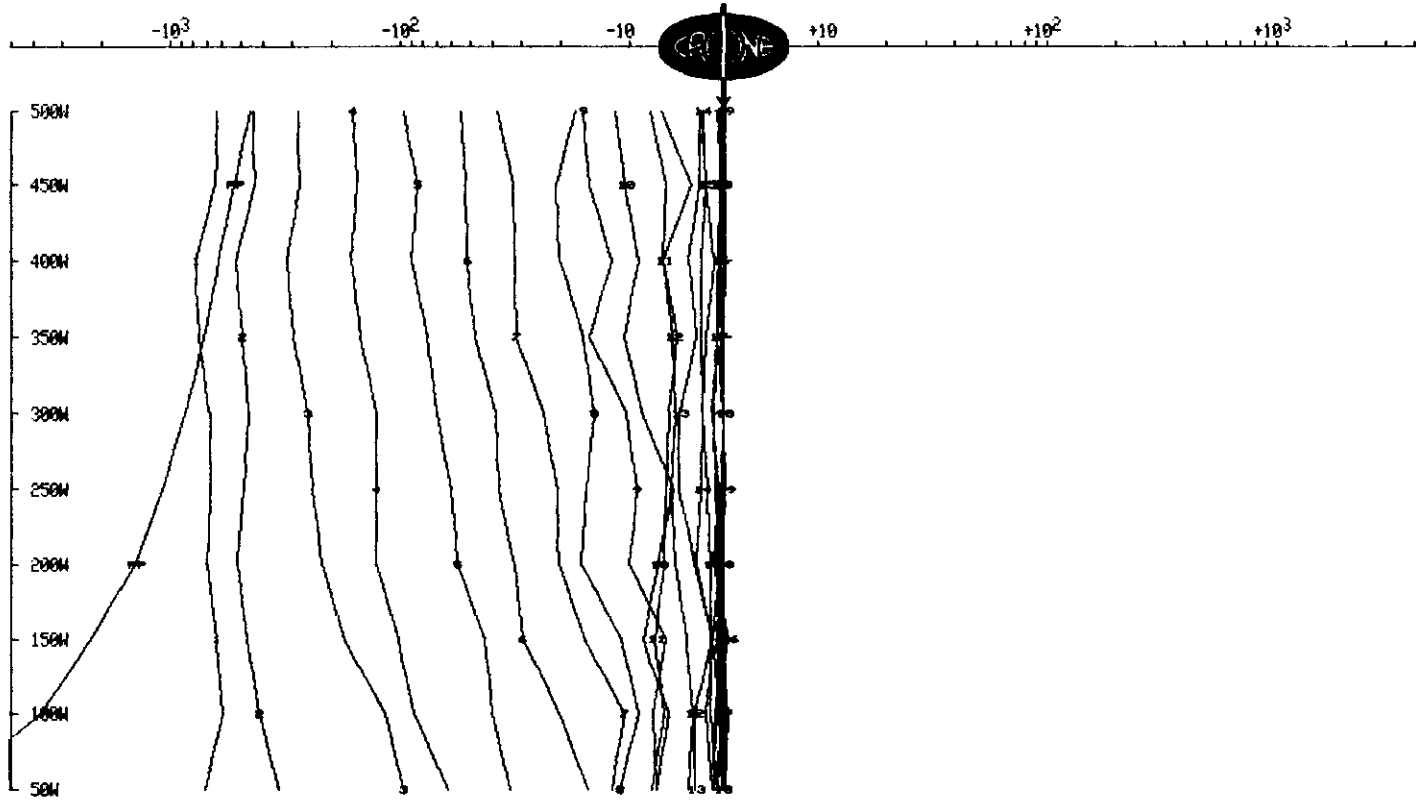
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 3, 1995

Line : L2800S  
Tx Loop : 8  
File name : L28S8.PEM

IN-LINE HORIZONTAL COMPONENT  $\text{dBx/dt}$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



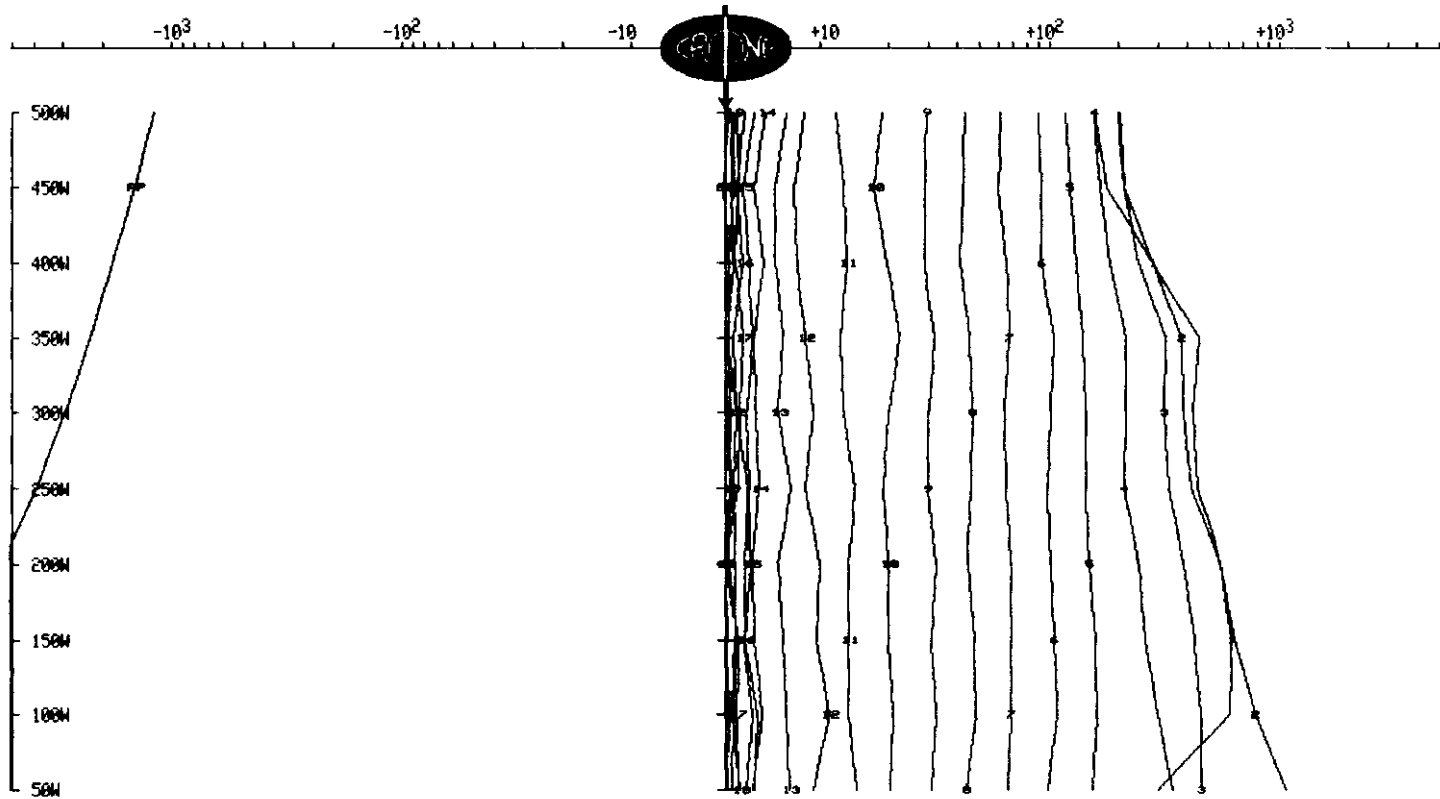
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 3, 1995

Line : L2800S  
Tx Loop : 8  
File name : L28S8.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000





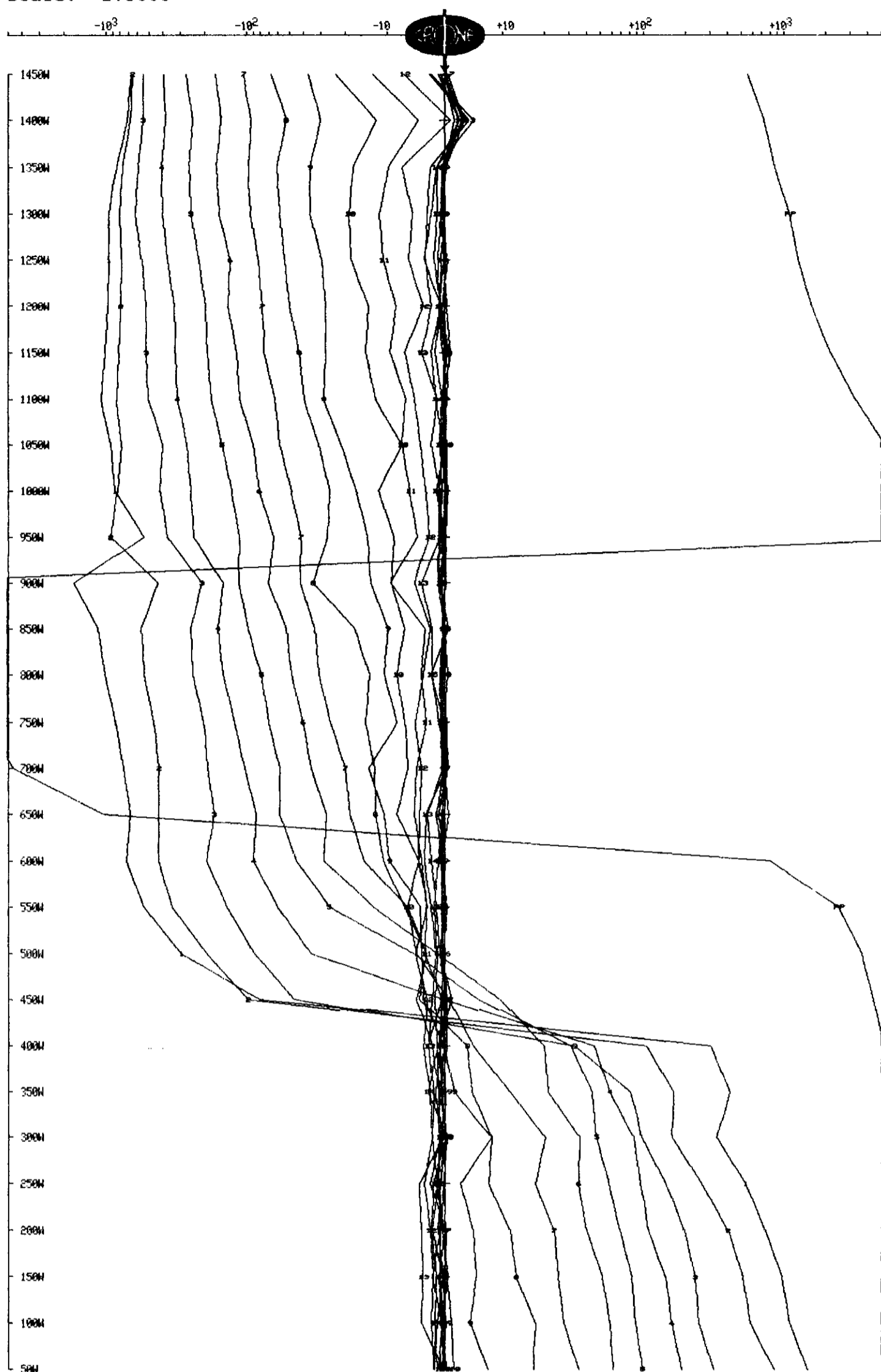
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 1, 1995

Line : L2000S  
Tx Loop : 9  
File name : L20S9.PEM

IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



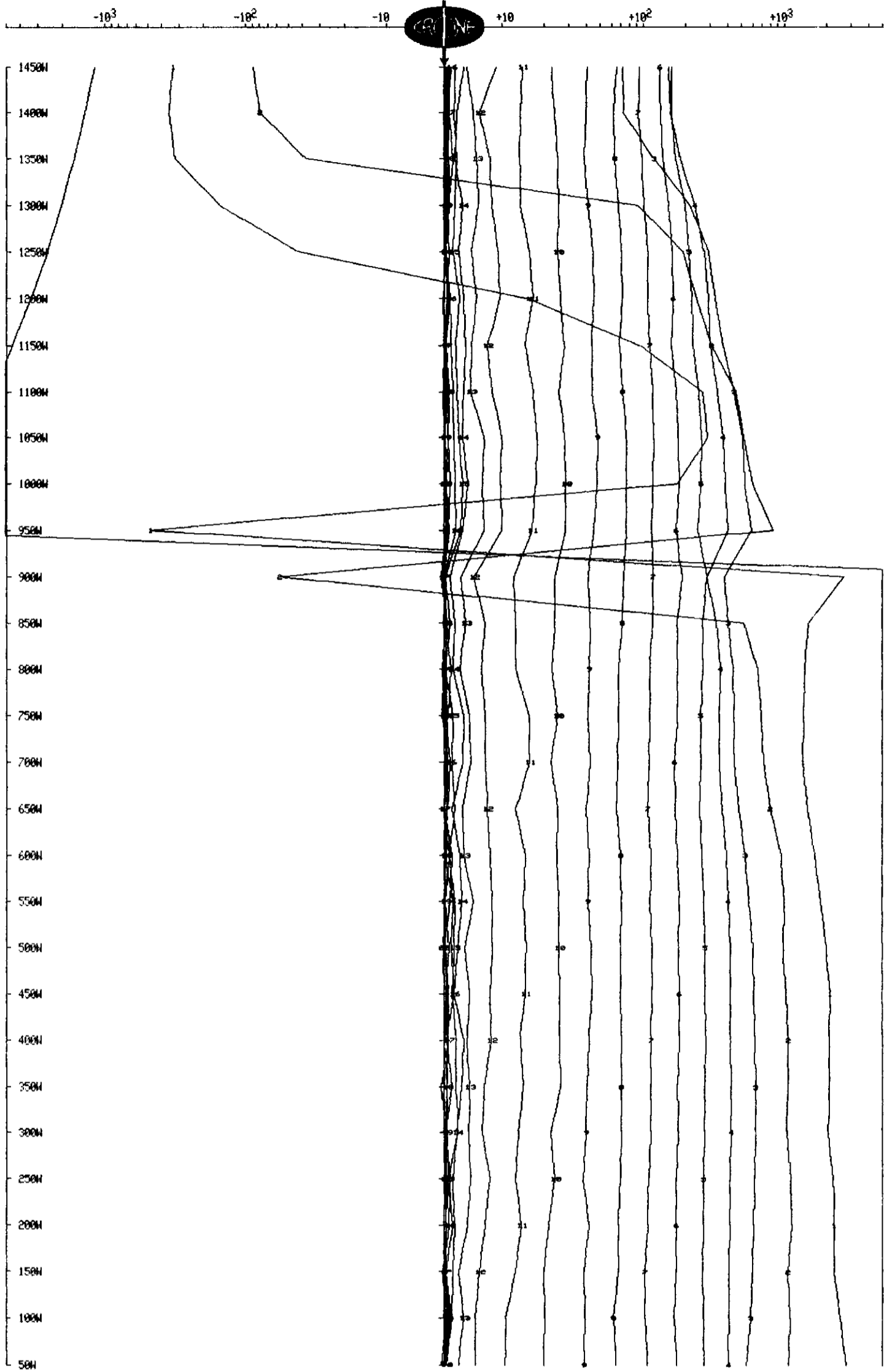
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 1, 1995

Line : L2000S  
Tx Loop : 9  
File name : L20S9.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



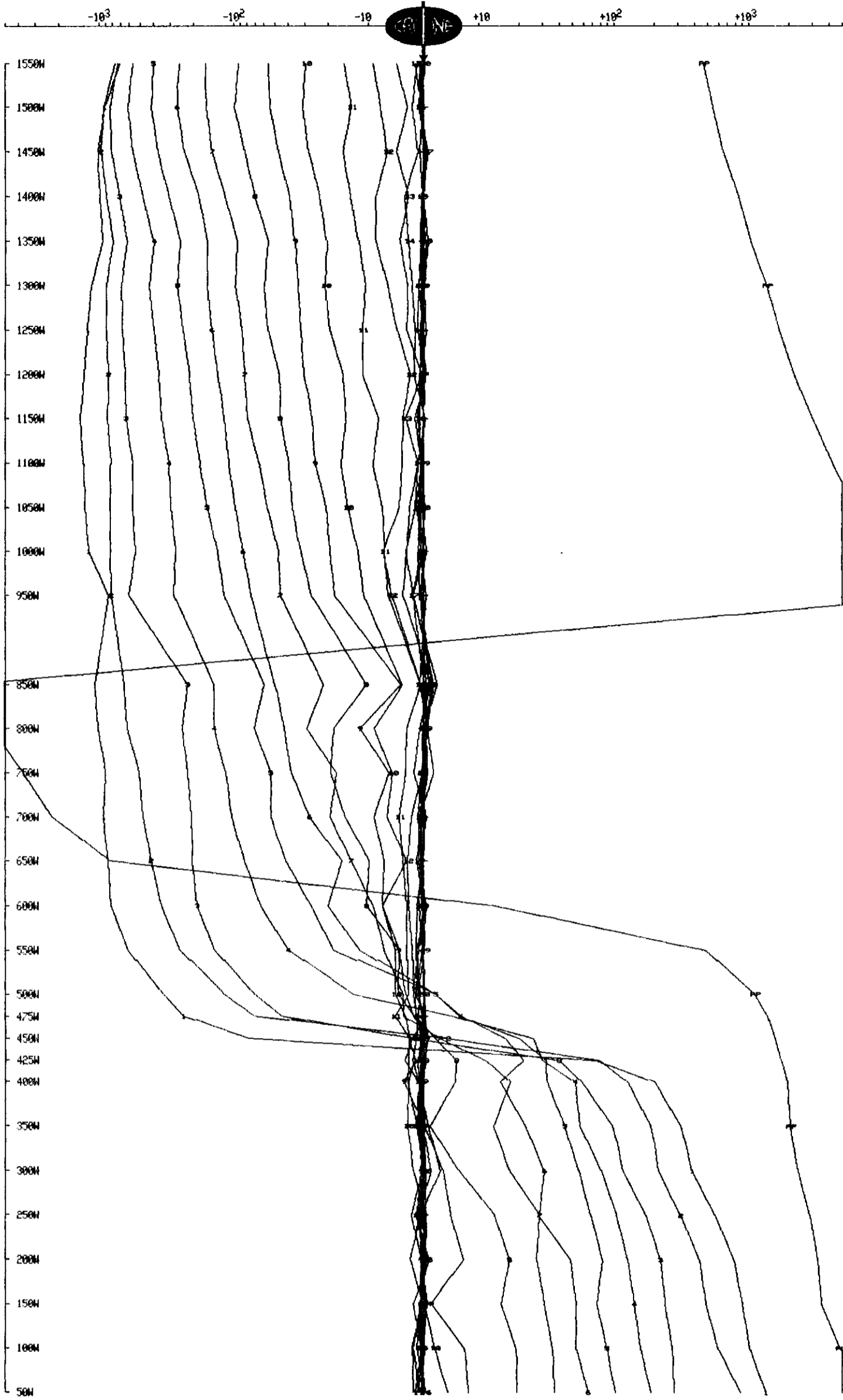
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 1, 1995

Line : 2200S  
Tx Loop : 9  
File name : L22S9.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000

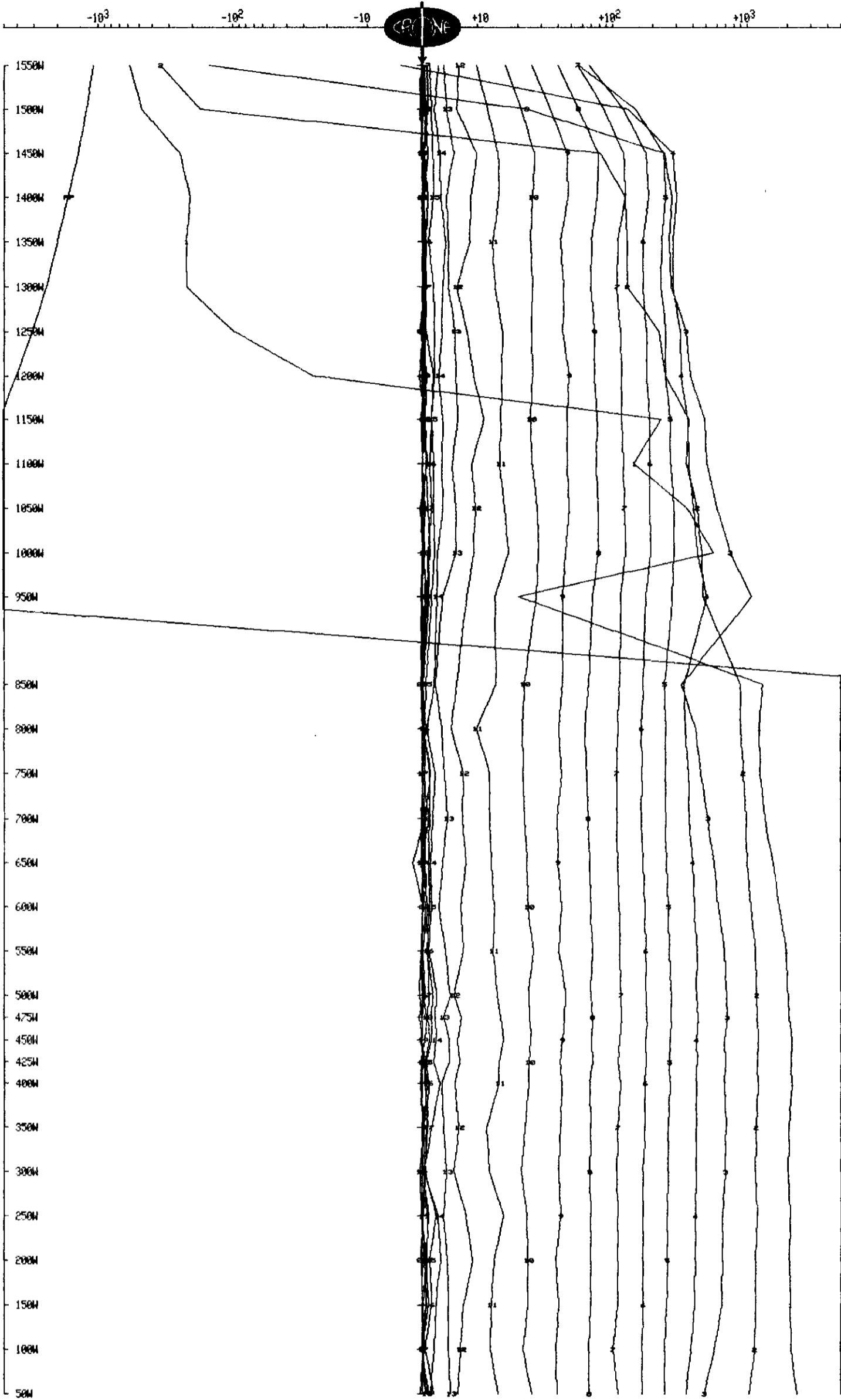


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 1, 1995

Line : 2200S  
Tx Loop : 9  
File name : L22S9.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000

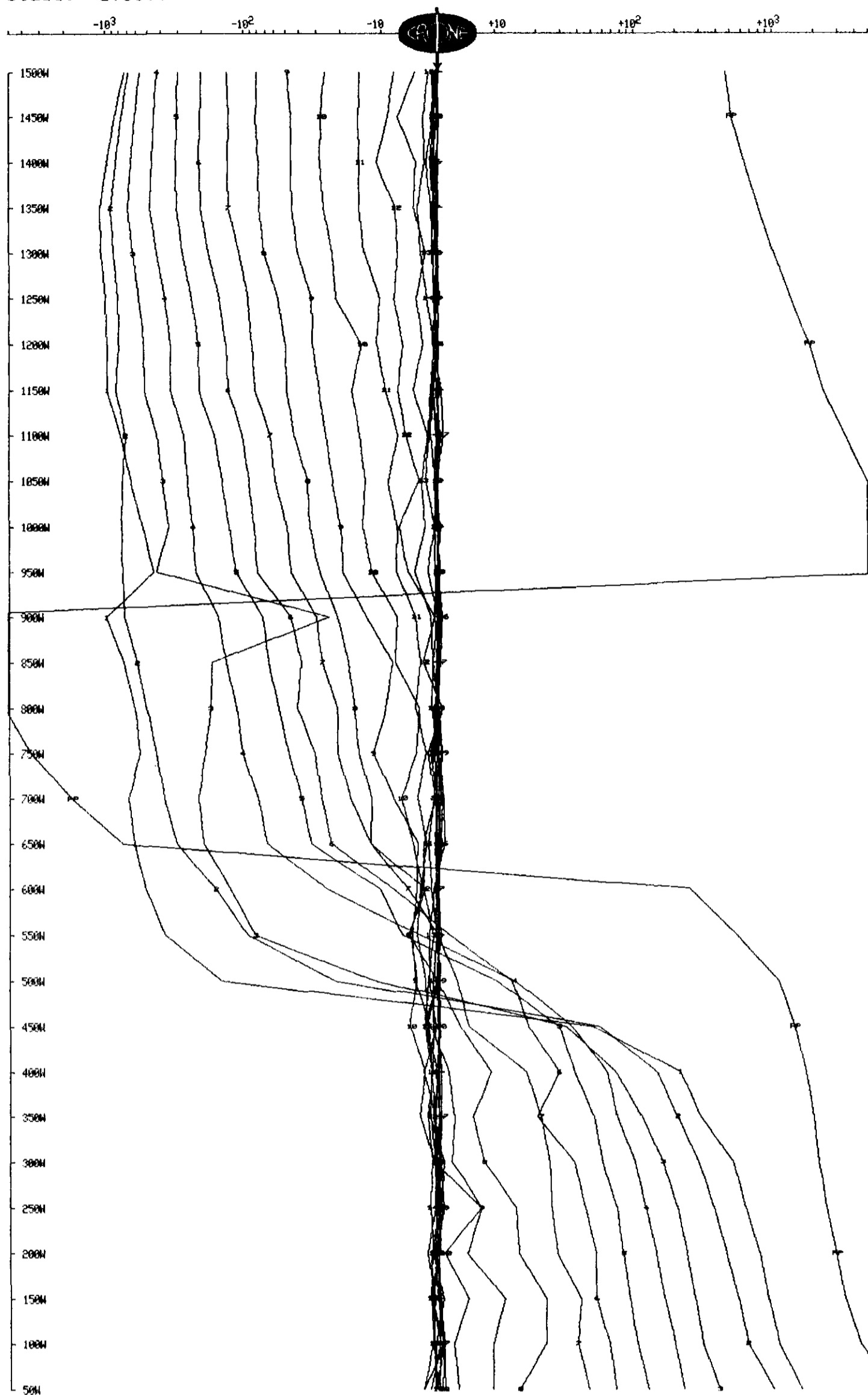


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 1 & 2 , 1995

Line : 2400S  
Tx Loop : 9  
File name : L24S9.PEM

IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



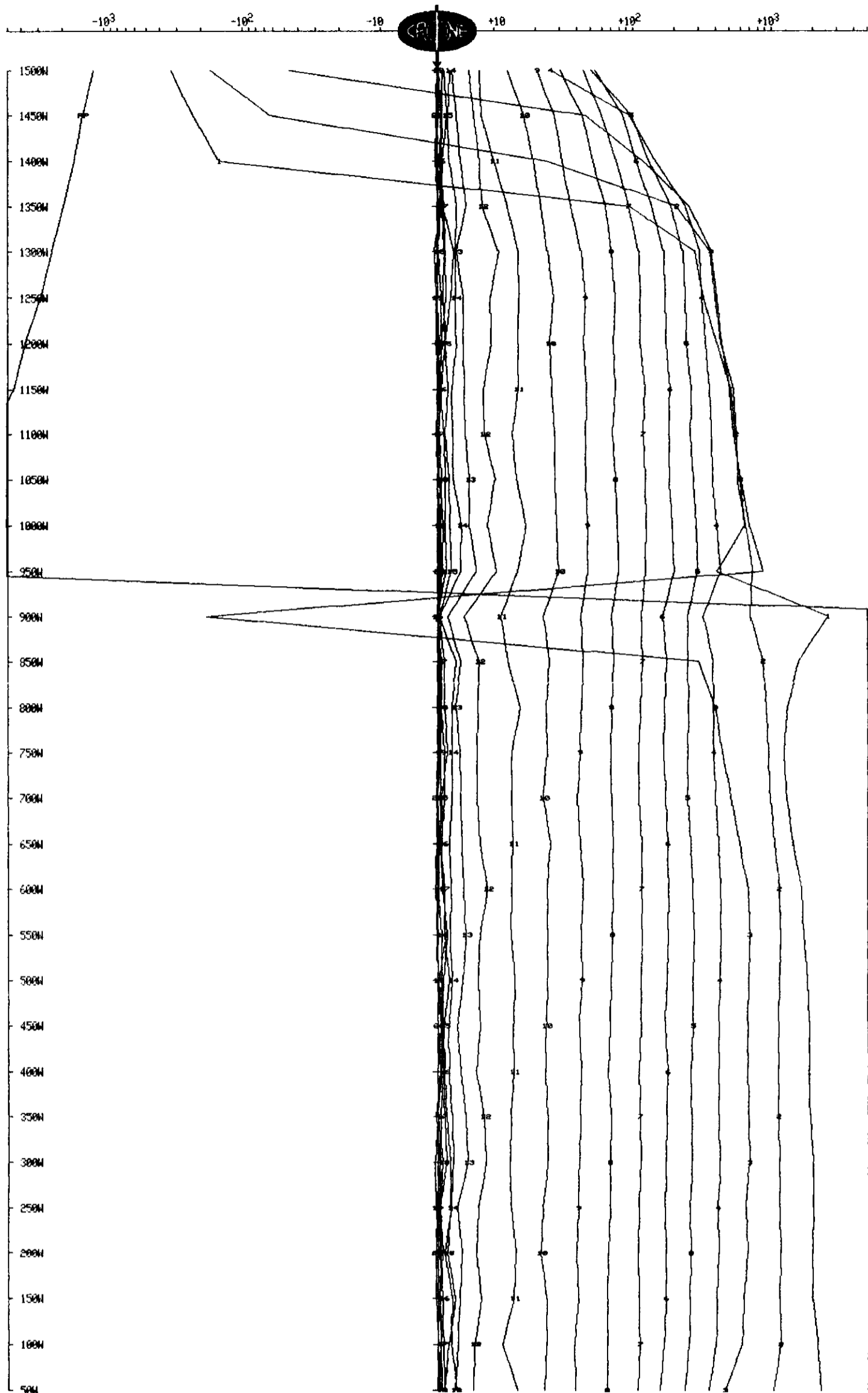
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 1 & 2 , 1995

Line : 2400S  
Tx Loop : 9  
File name : L24S9.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



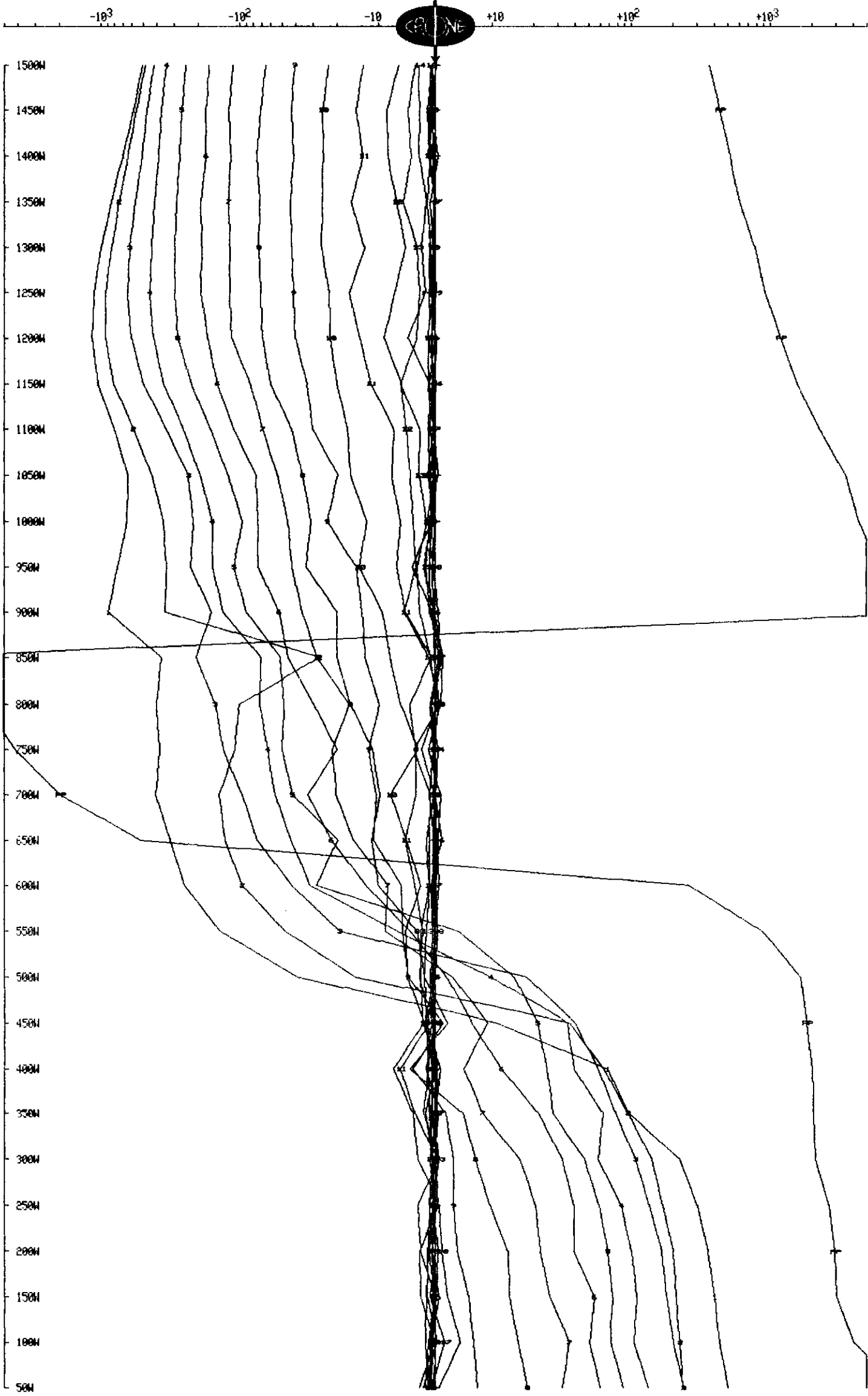
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 2, 1995

Line : 2600S  
Tx Loop : 9  
File name : L26S9.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000

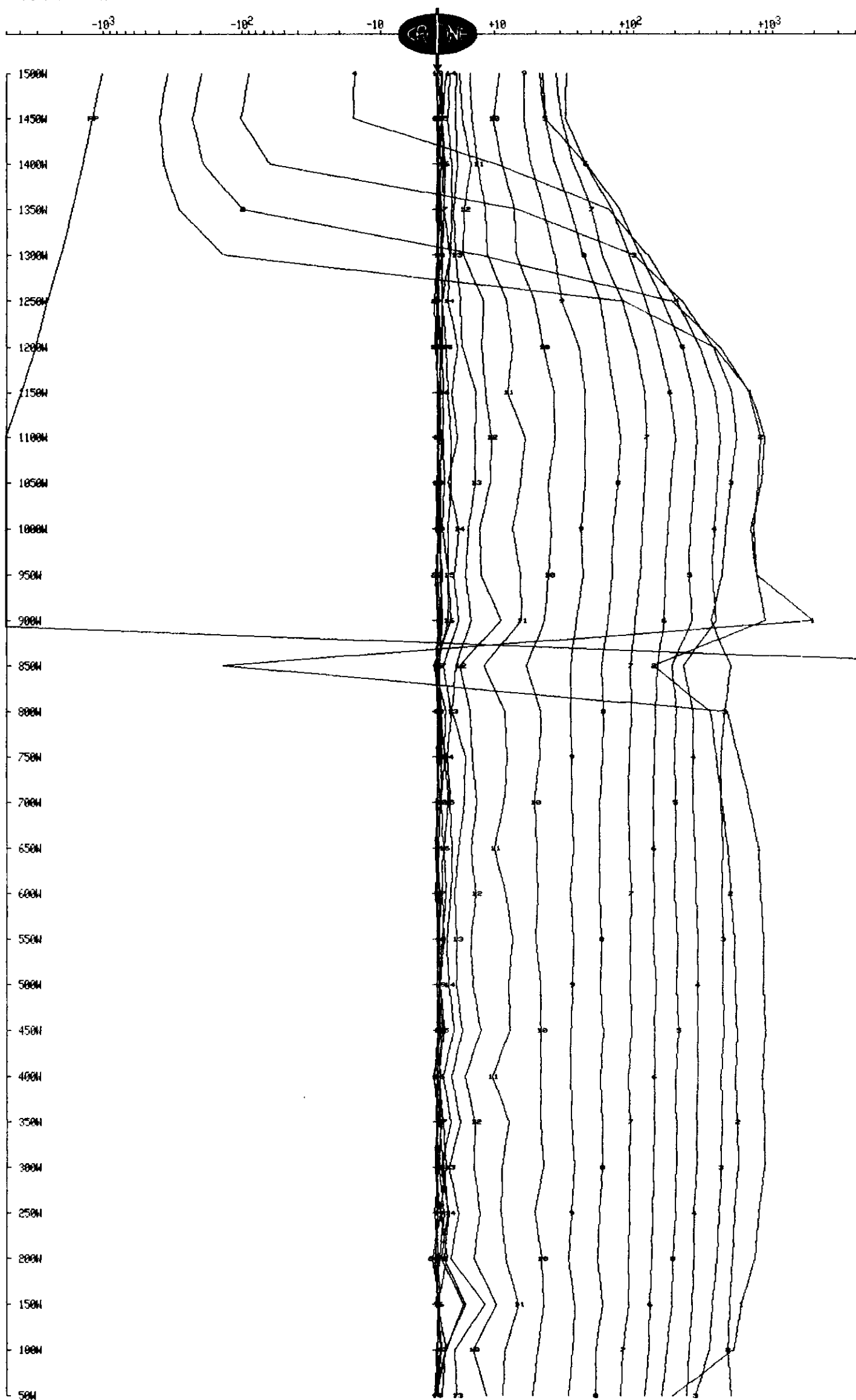


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 2, 1995

Line : 2600S  
Tx Loop : 9  
File name : L26S9.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



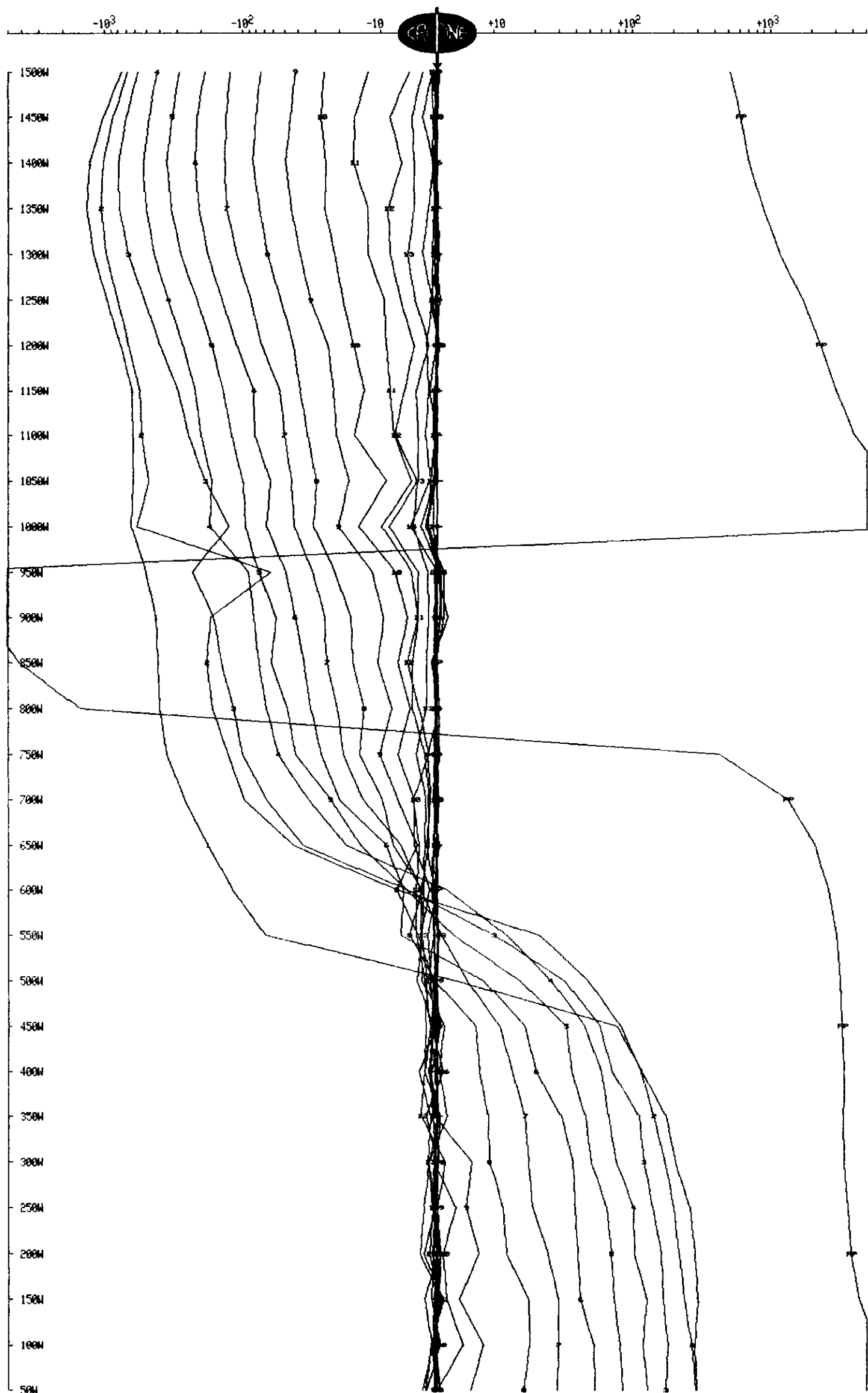


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 2, 1995

Line : 2800S  
Tx Loop : 9  
File name : L28S9.PEM

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000

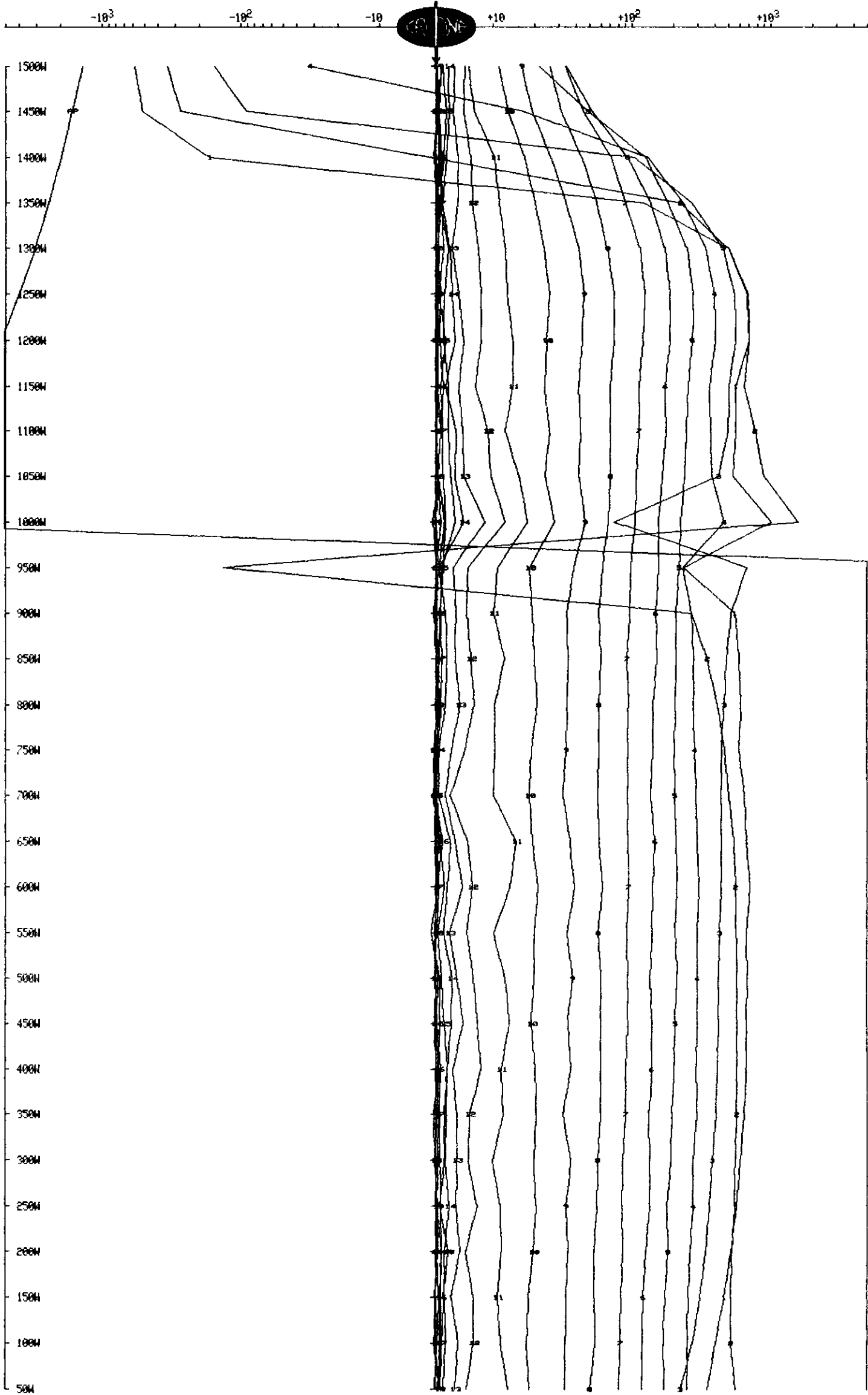


# CRONE GEOPHYSICS & EXPLORATION LTD SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 2, 1995

Line : 2800S  
Tx Loop : 9  
File name : L28S9.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



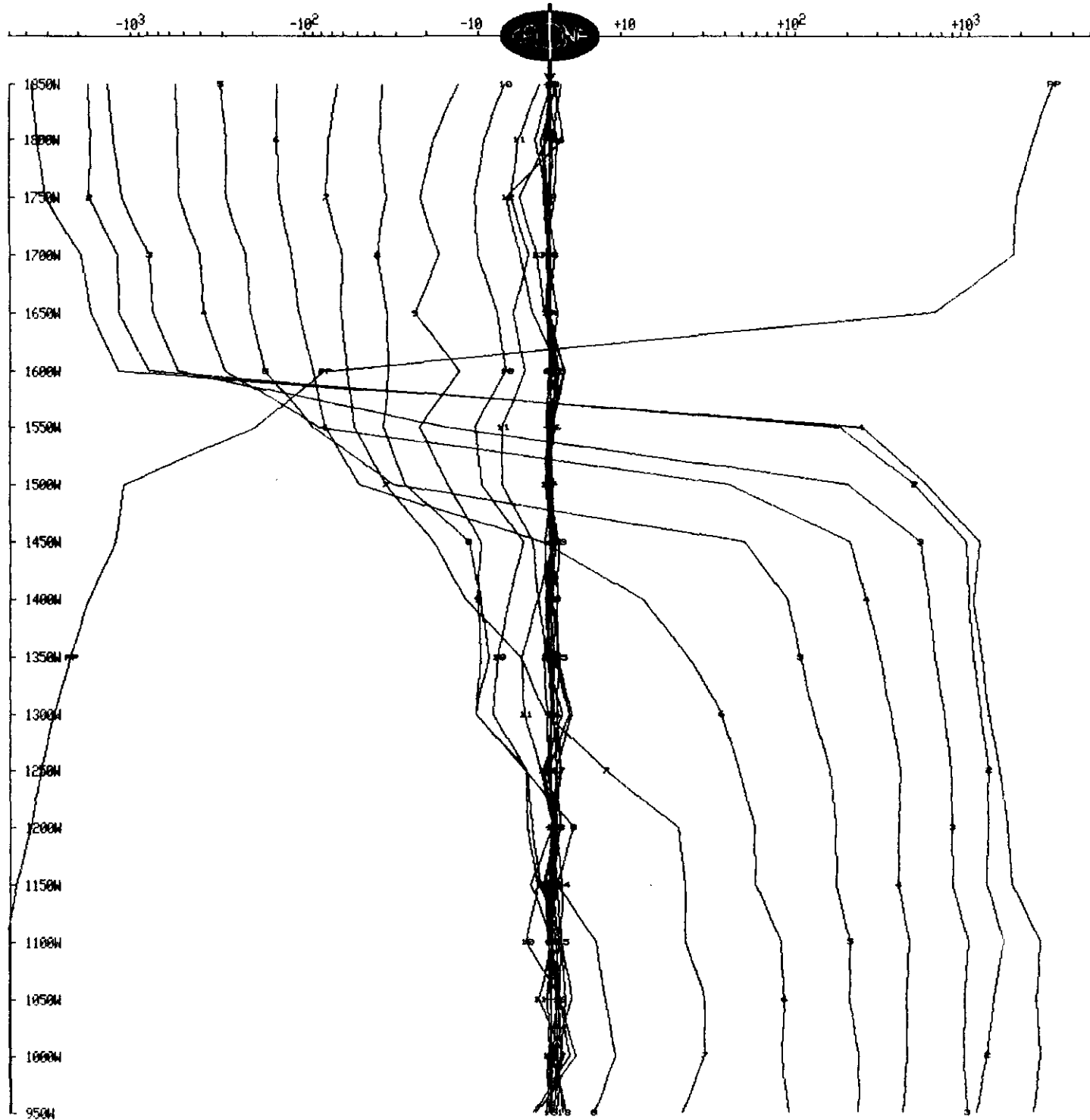
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : May 31, 1995

Line : 2000S  
Tx Loop : 10  
File name : L20S10.PEM

IN-LINE HORIZONTAL COMPONENT  $\text{dBx}/\text{dt}$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



# CRONE GEOPHYSICS & EXPLORATION LTD

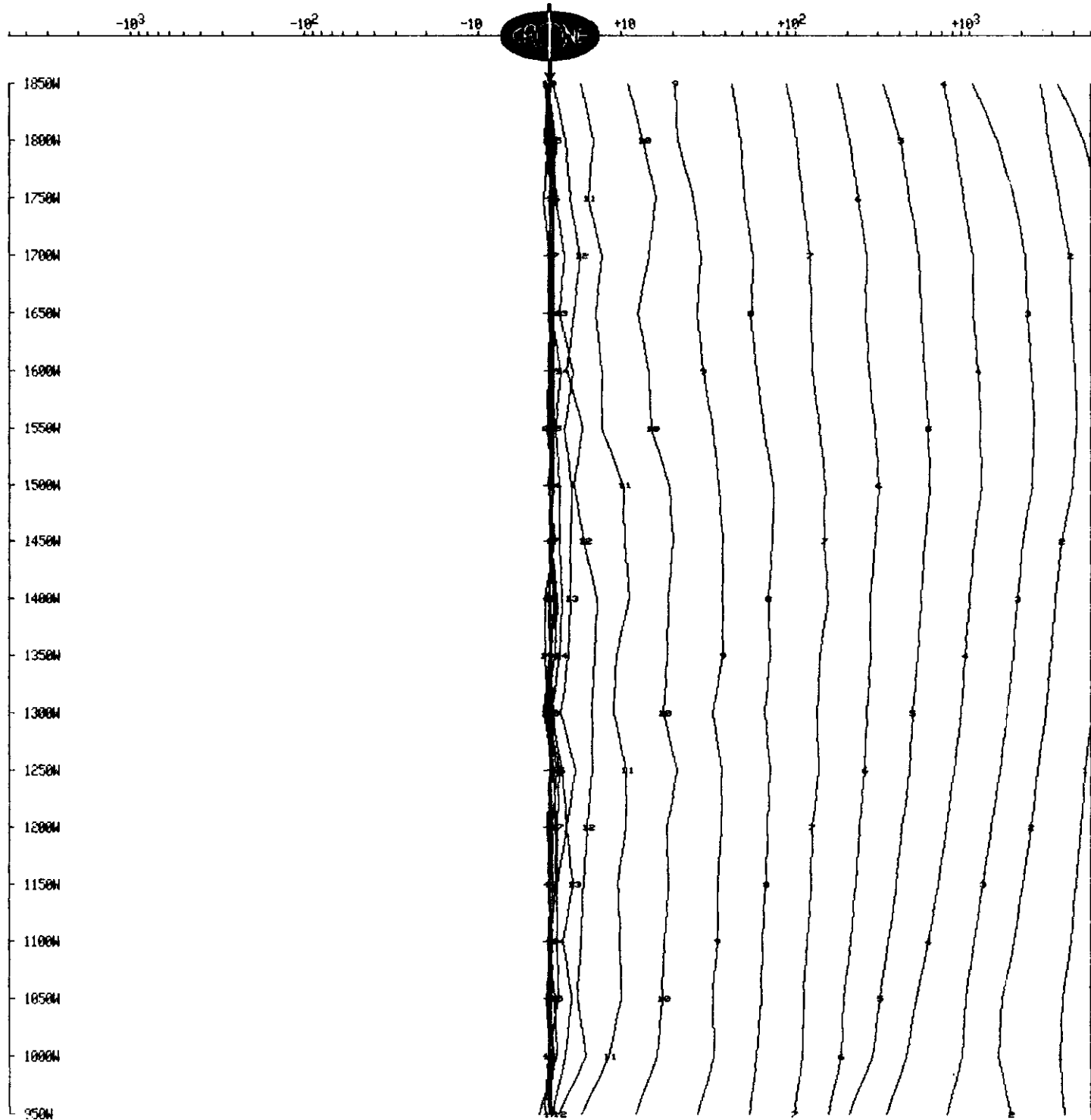
## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : May 31, 1995

Line : 2000S  
Tx Loop : 10  
File name : L20S10.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

Scale: 1:5000



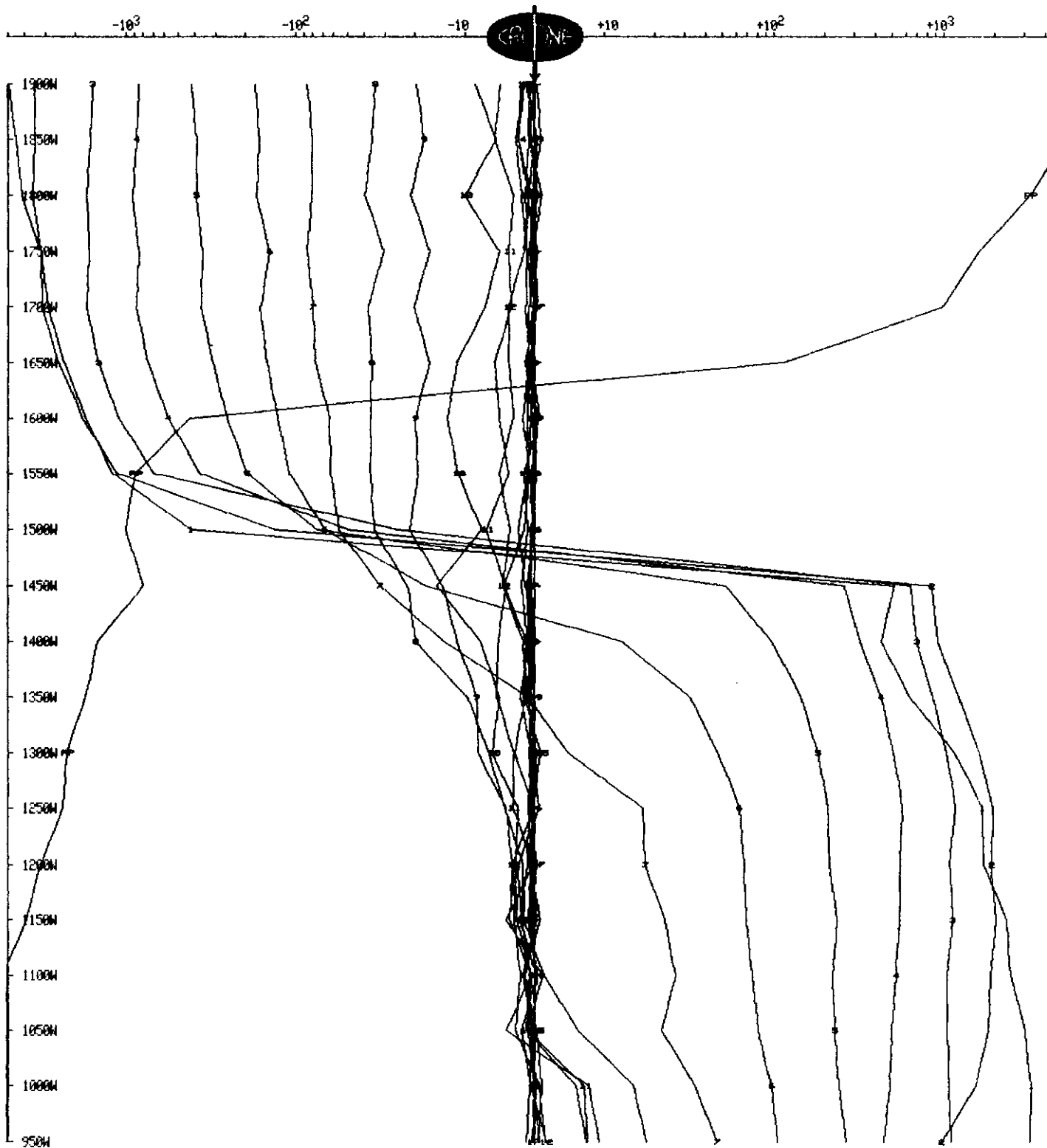
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : May 31, 1995

Line : 2200S  
Tx Loop : 10  
File name : L22S10.PEM

IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



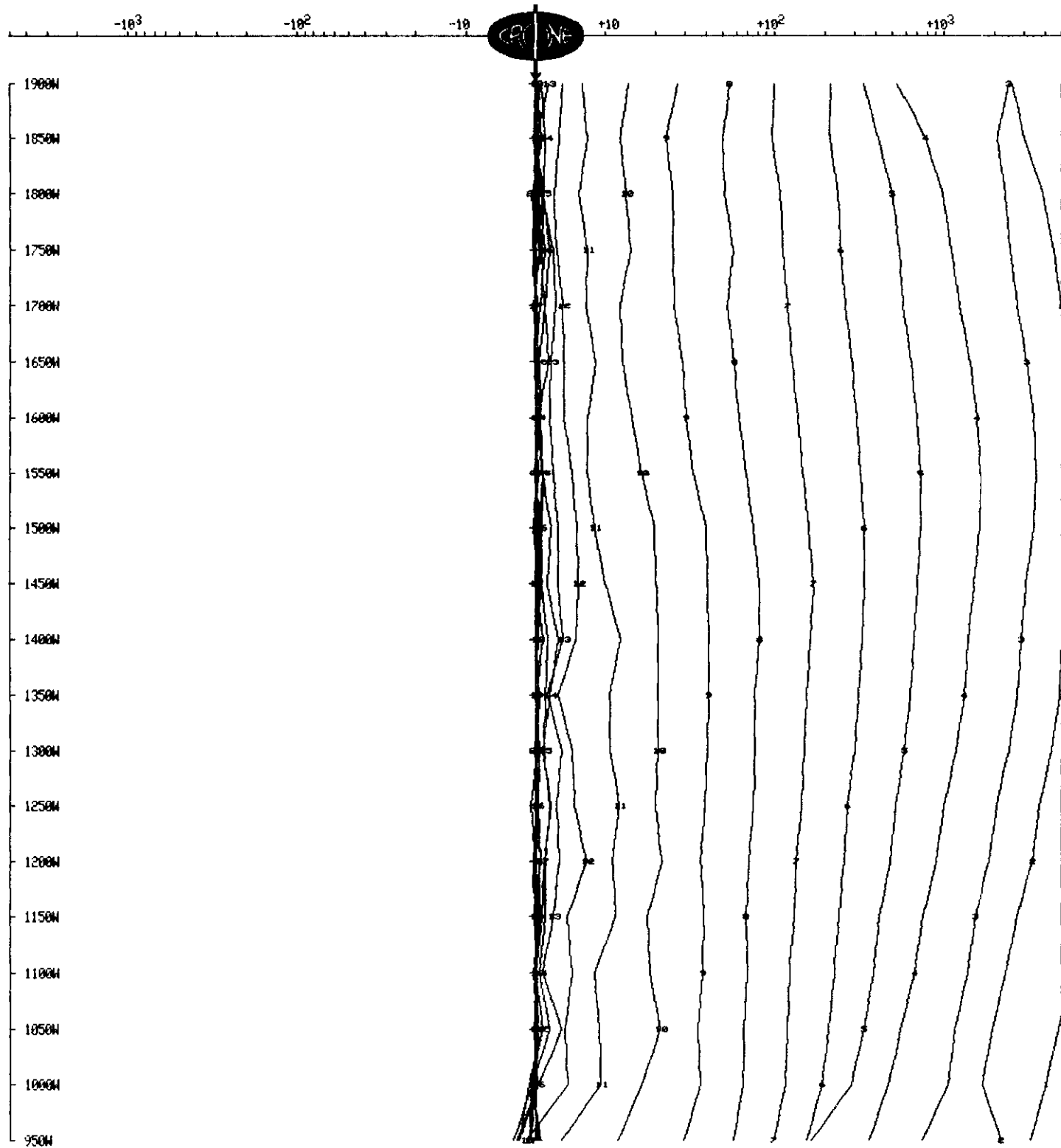
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : May 31, 1995

Line : 2200S  
Tx Loop : 10  
File name : L22S10.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



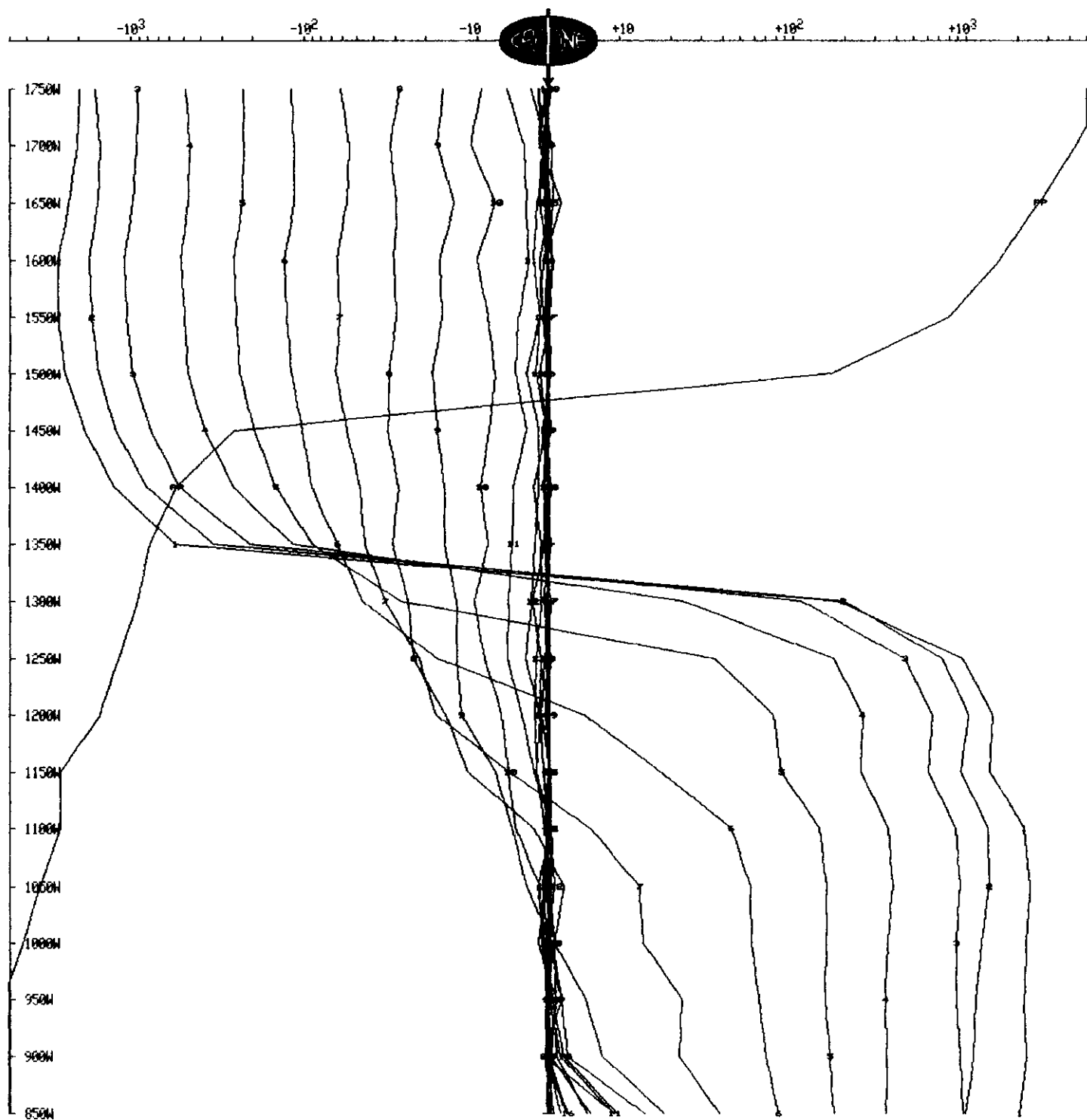
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 1, 1995

Line : L2400S  
Tx Loop : 10  
File name : L24S10.PEM

IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



# CRONE GEOPHYSICS & EXPLORATION LTD

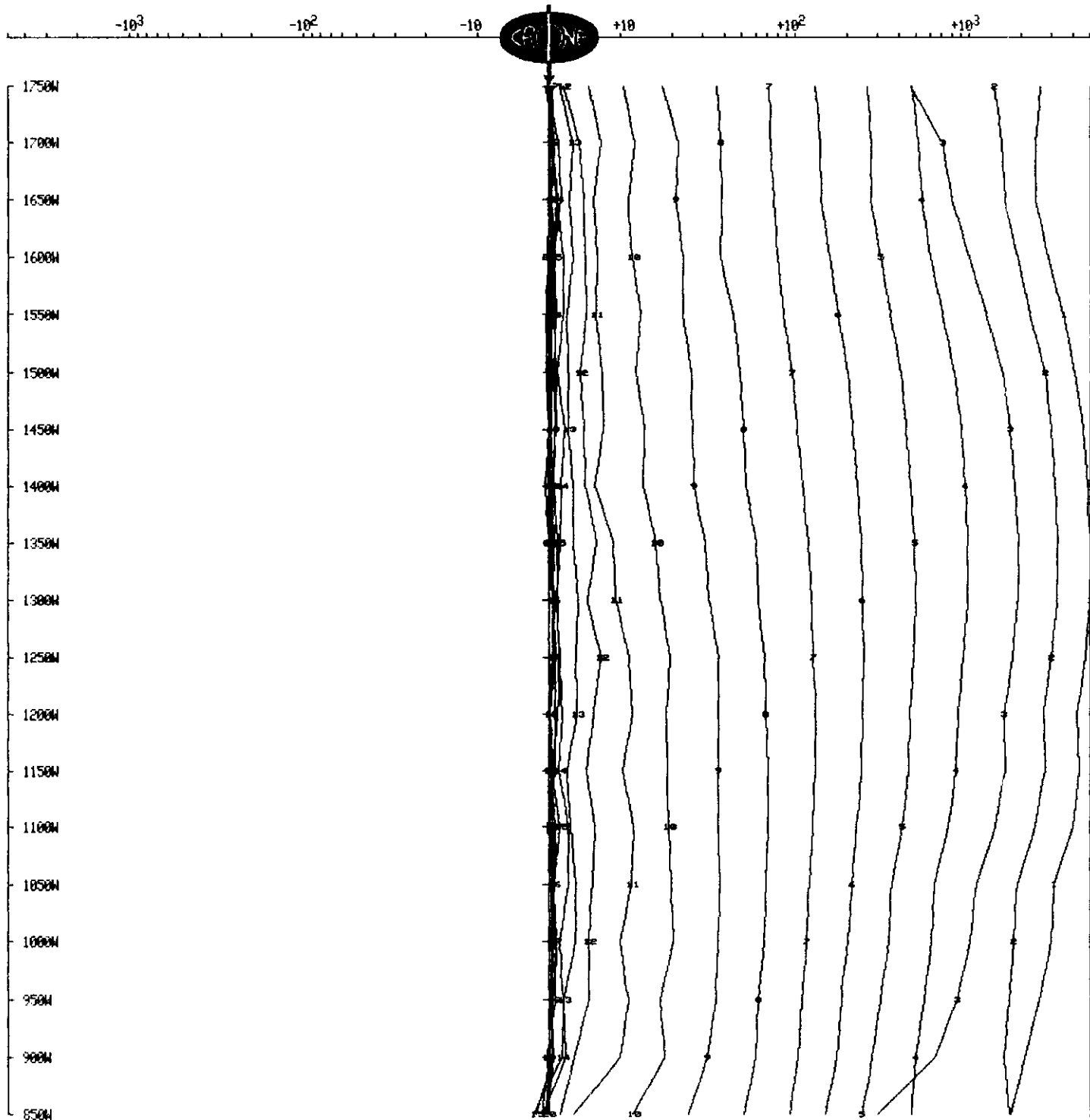
## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : Jun 1, 1995

Line : L2400S  
Tx Loop : 10  
File name : L24S10.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

Scale: 1:5000





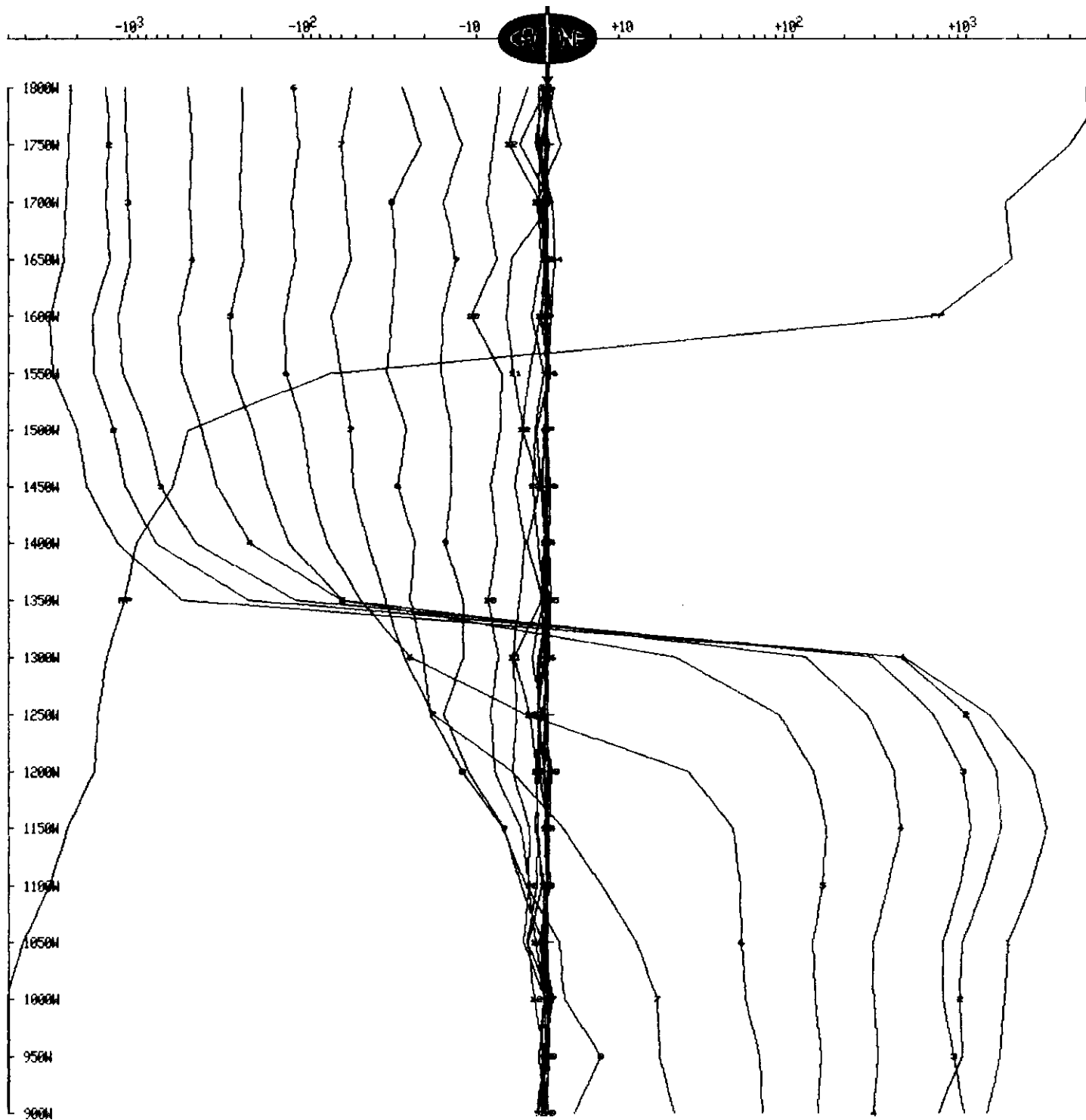
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : May 31, 1995

Line : L2600S  
Tx Loop : 10  
File name : L26S10.PEM

IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



# CRONE GEOPHYSICS & EXPLORATION LTD

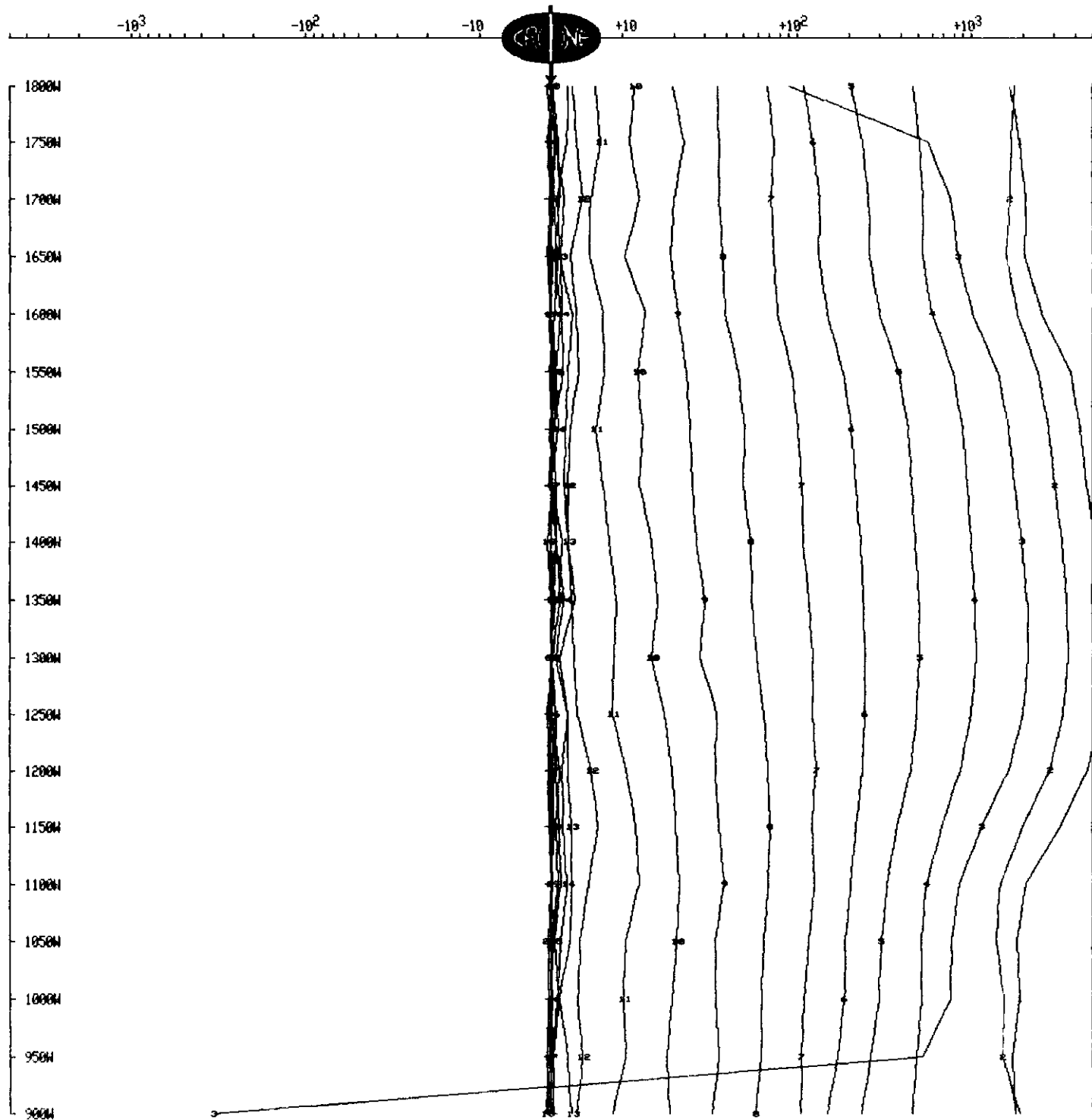
## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : May 31, 1995

Line : L2600S  
Tx Loop : 10  
File name : L26S10.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

Scale: 1:5000



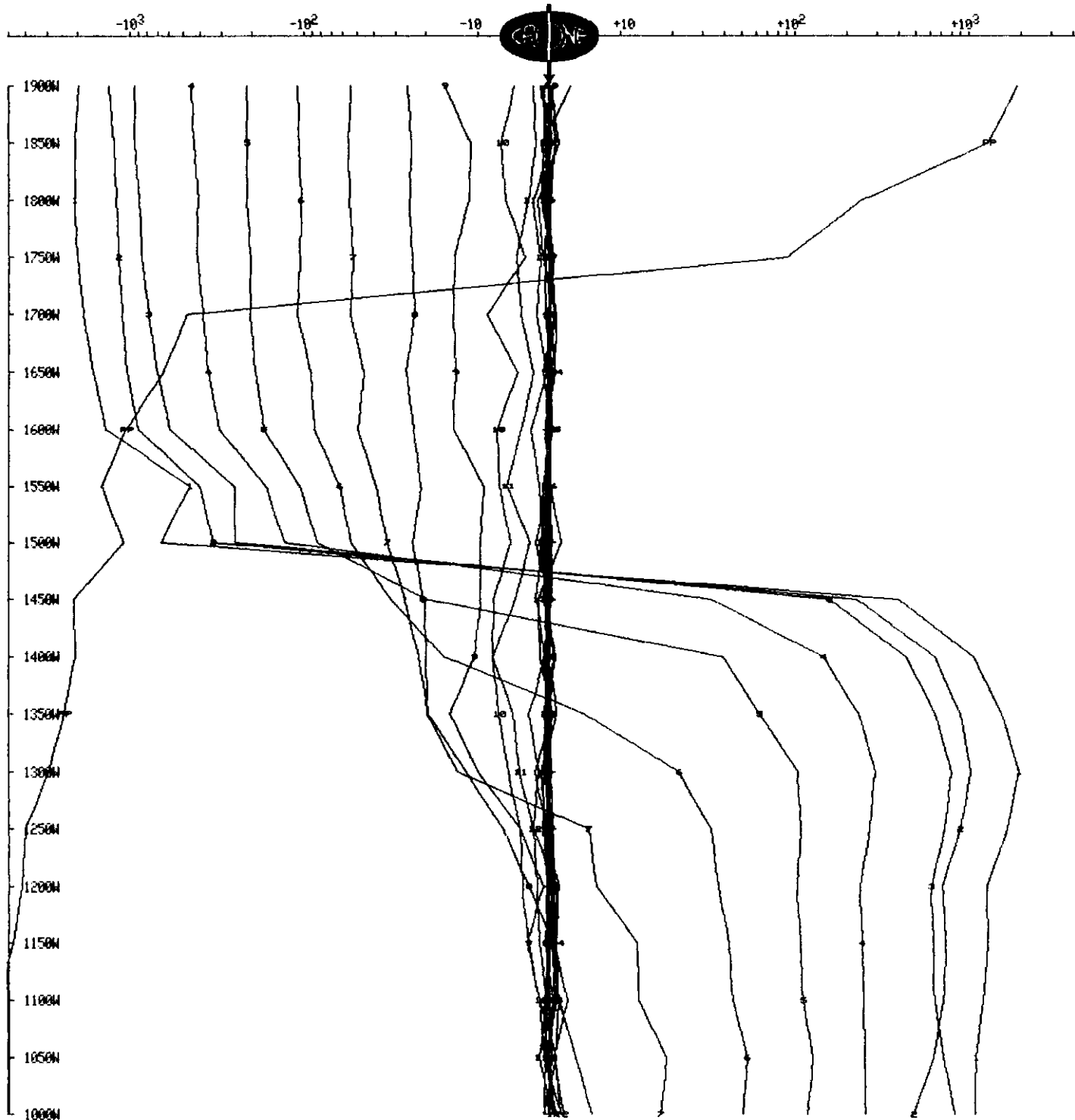
# CRONE GEOPHYSICS & EXPLORATION LTD

## SURFACE PEM

Client : INMET  
Grid : GOATFELL  
Date : May 31, 1995

Line : 2800S  
Tx Loop : 10  
File name : L28S10.PEM

IN-LINE HORIZONTAL COMPONENT  $dBx/dt$  nanoTesla/sec - 20 channels and PP  
Scale: 1:5000



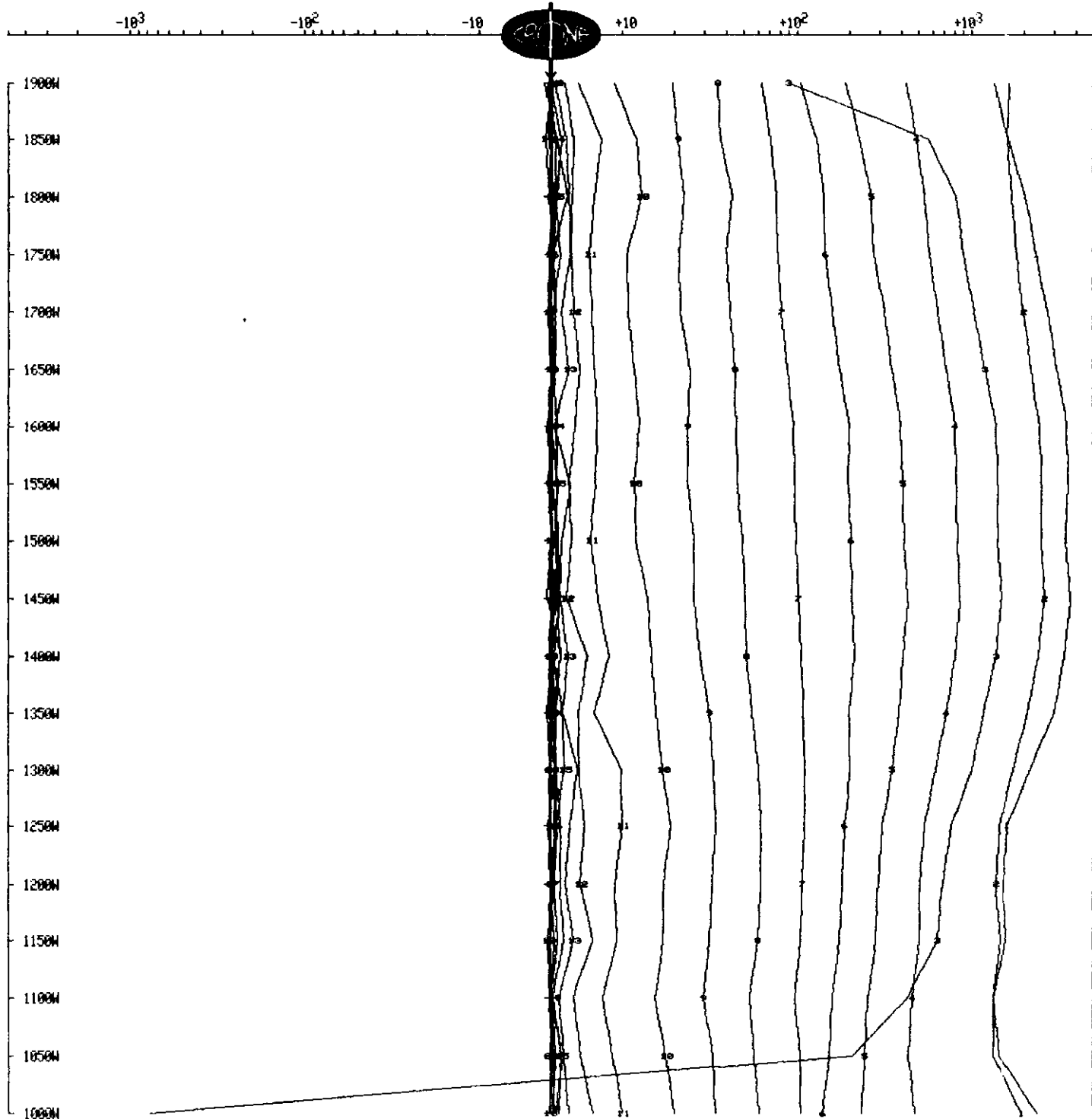
# CRONE GEOPHYSICS & EXPLORATION LTD

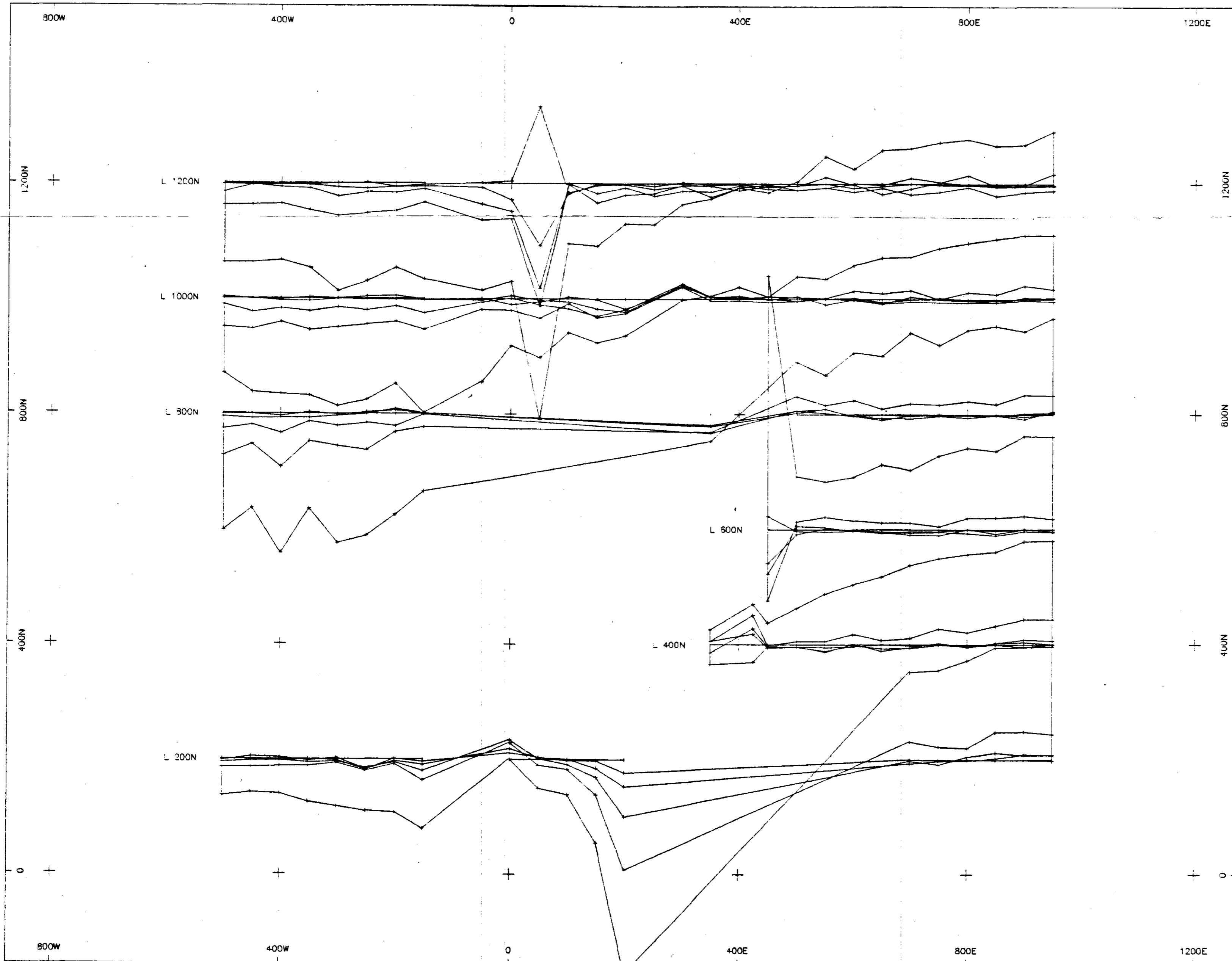
## SURFACE PEM

Client : INMET  
Grid : GOATELL  
Date : May 31, 1995

Line : 2800S  
Tx Loop : 10  
File name : L28S10.PEM

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP  
Scale: 1:5000





SURVEY SPECIFICATIONS

CRONE PULSE EM SYSTEM

receiver	digital
transmitter	4.8 kw
ramp time	1.5 msec
time base	16.66 msec
synchronization	crystal clocks
channels	20 + PP

value plotted:  
horizontal component - dBx/dt

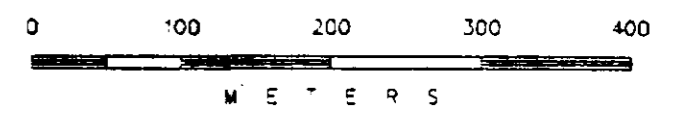
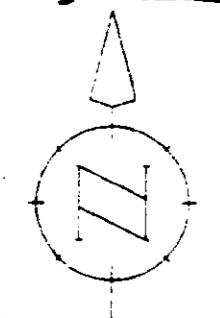
channels plotted:  
10, 12, 14, 16, 18

scale:  
10 nanoTeslas/sec per cm  
positive values above line

Loop #1 - 1.1 km x 1.2 km  
current 13 amps

**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

**24,223**



INMET MINING CORP.

GOATFELL PROPERTY

CRESTON, B.C.

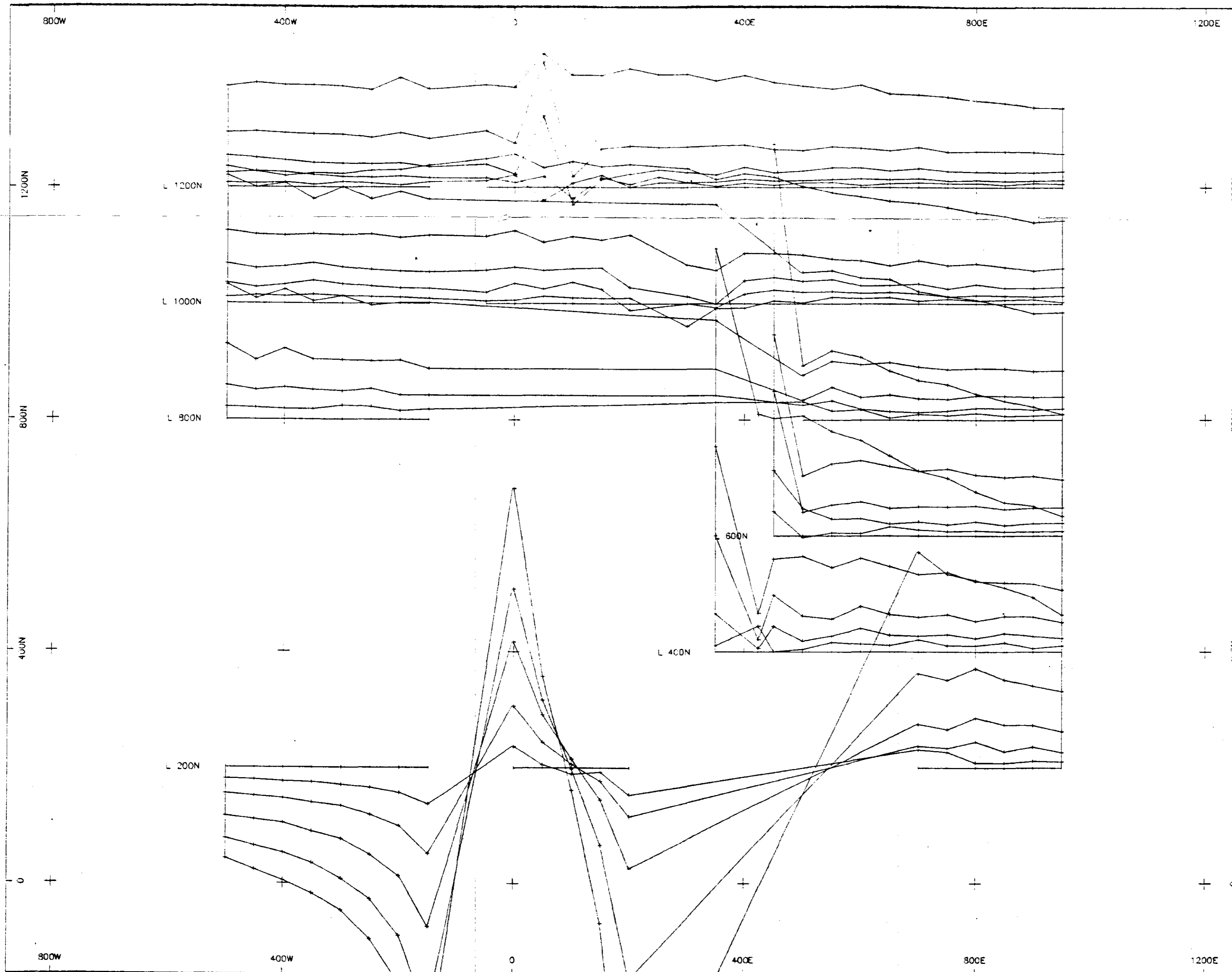
CRONE SURFACE PEM SURVEY

LOOP #1

X COMPONENT - LATE TIMES

DRAWN BY: jph      DATE: June/95      (D)

SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS

DRONE PULSE EM SYSTEM

receiver digital  
 transmitter 4.8 kw  
 ramp time 1.5 msec  
 time base 16.66 msec  
 synchronization crystal clocks  
 channels 20 + PP

value plotted:  
 vertical component - dBz/dt

channels plotted:  
 10, 12, 14, 16, 18

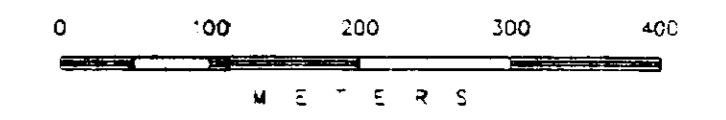
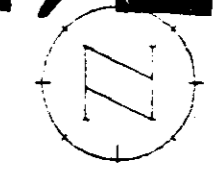
scale:  
 25 nanoTeslas/sec per cm  
 positive values above line

Loop #1 - 1.1 km x 1.2 km  
 current 13 amps

\*\* NOTE SCALE CHANGE \*\*

**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

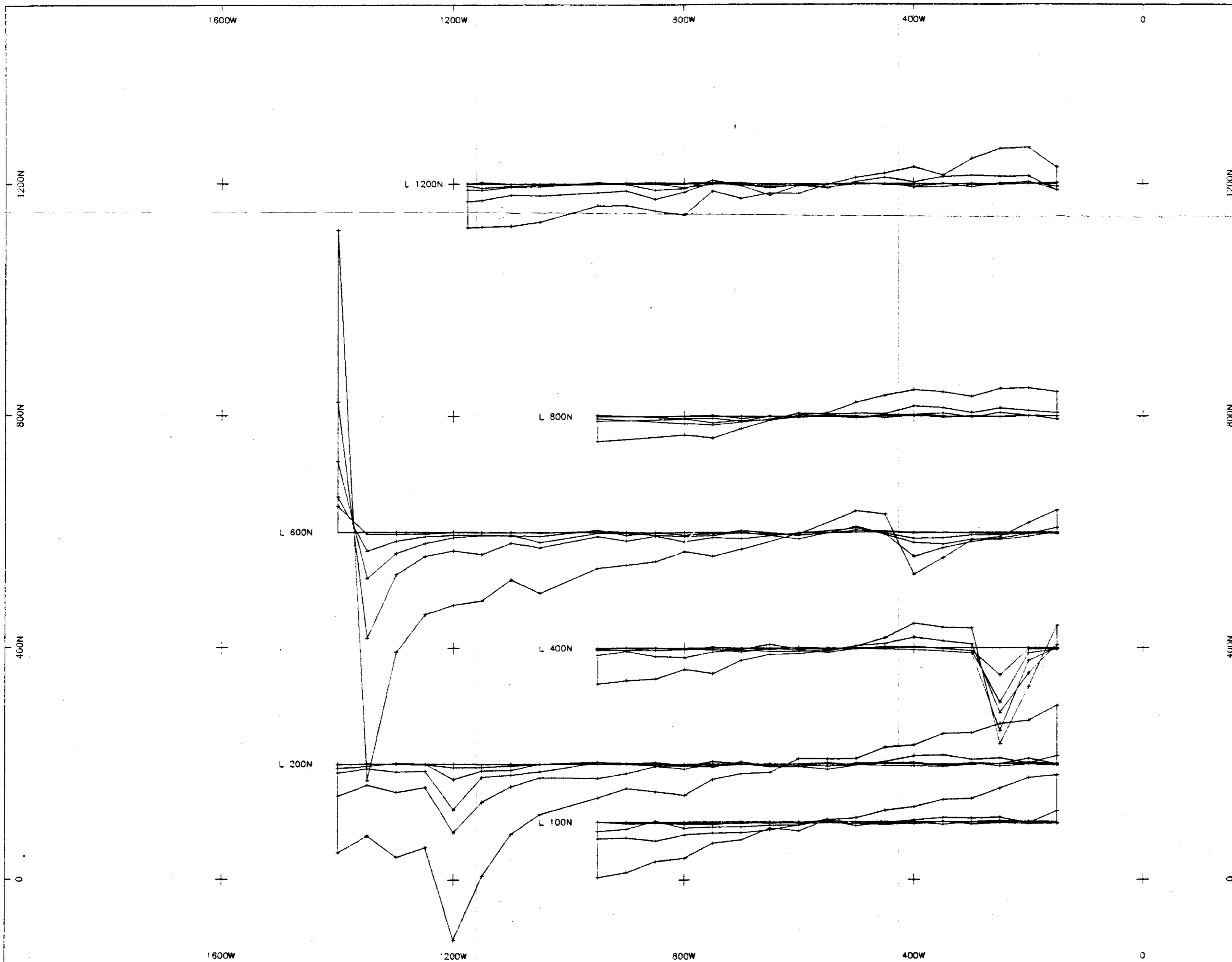
**24,223**



INMET MINING CORP.

GOATFELL PROPERTY  
 CRESTON, B.C.  
 CRONE SURFACE PEM SURVEY  
 LOOP #1  
 Z COMPONENT - LATE TIMES

DRAWN BY: jph DATE: June/95  
 SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS

CRONE PULSE EM SYSTEM

receiver	digital
transmitter	4.8 kw
ramp time	1.5 msec
time base	16.66 msec
synchronization	crystal clocks
channels	20 + PP

value plotted:  
horizontal component - dBx/dt

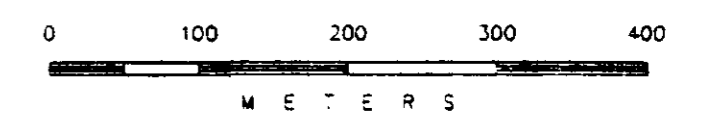
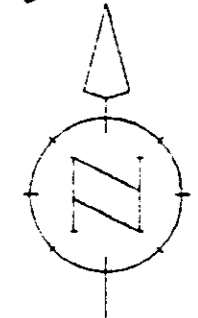
channels plotted:  
10, 12, 14, 16, 18

scale:  
10 nanoTeslas/sec per cm  
positive values above line

Loop #2 - 0.9 km x 1.3 km  
current 12 amps

**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

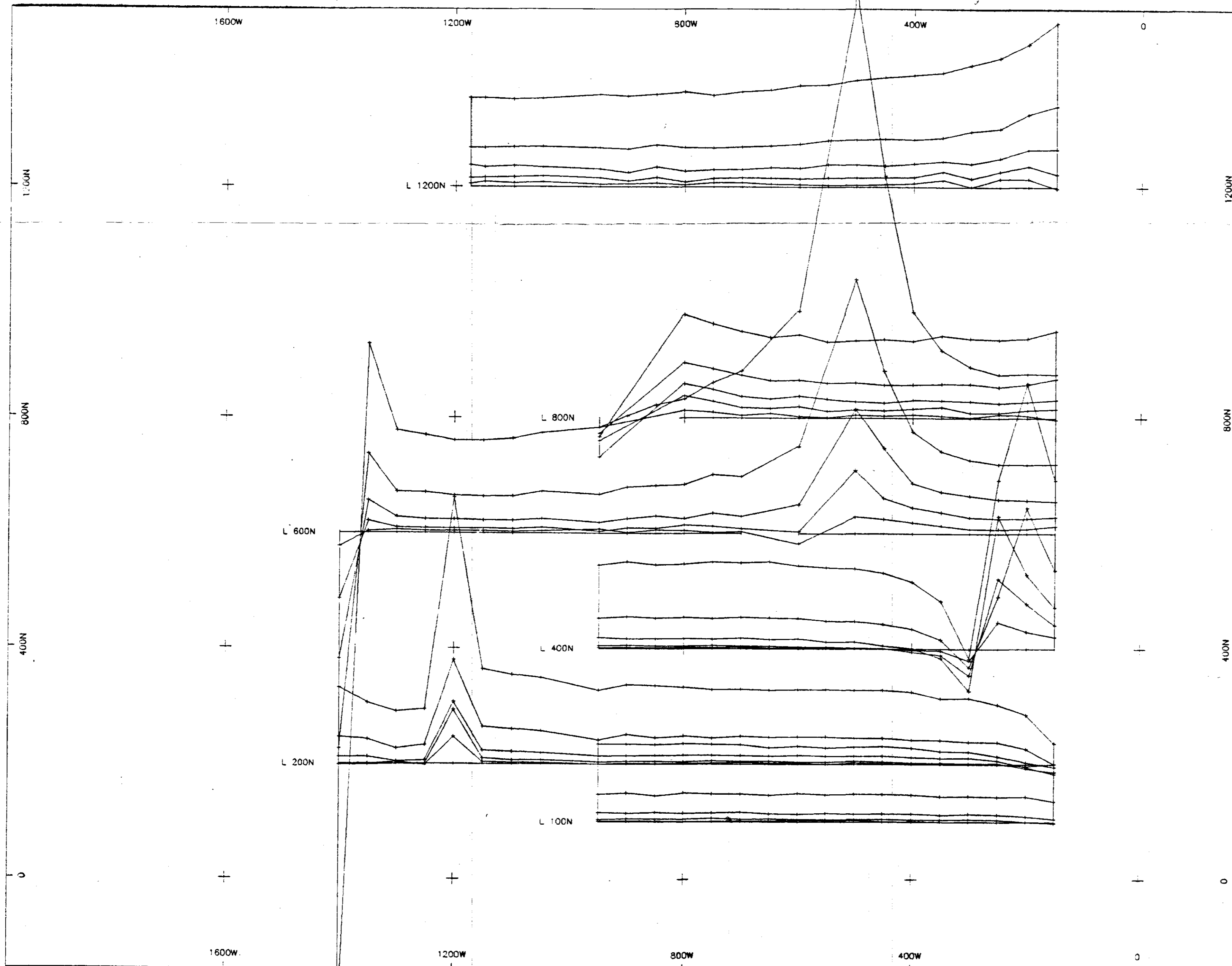
**24,223**



INMET MINING CORP.

GOATFELL PROPERTY  
CRESTON, B.C.  
CRONE SURFACE PEM SURVEY  
LOOP #2  
X COMPONENT - LATE TIMES

DRAWN BY: jph      DATE: June/95      ③  
SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS

CRONE PULSE EM SYSTEM

receiver digital  
 transmitter 4.8 kw  
 ramp time 1.5 msecs  
 time base 16.66 msecs  
 synchronization crystal clocks  
 channels 20 + PP

value plotted:  
 vertical component - dBz/dt

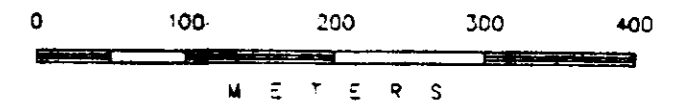
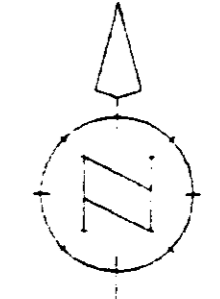
channels plotted:  
 10, 12, 14, 16, 18

scale:  
 25 nanoTeslas/sec per cm  
 positive values above line

Loop #2 - 0.9 km x 1.3 km  
 current 12 amps

**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**  
 \*\* NOTE SCALE CHANGE \*\*

**24,223**

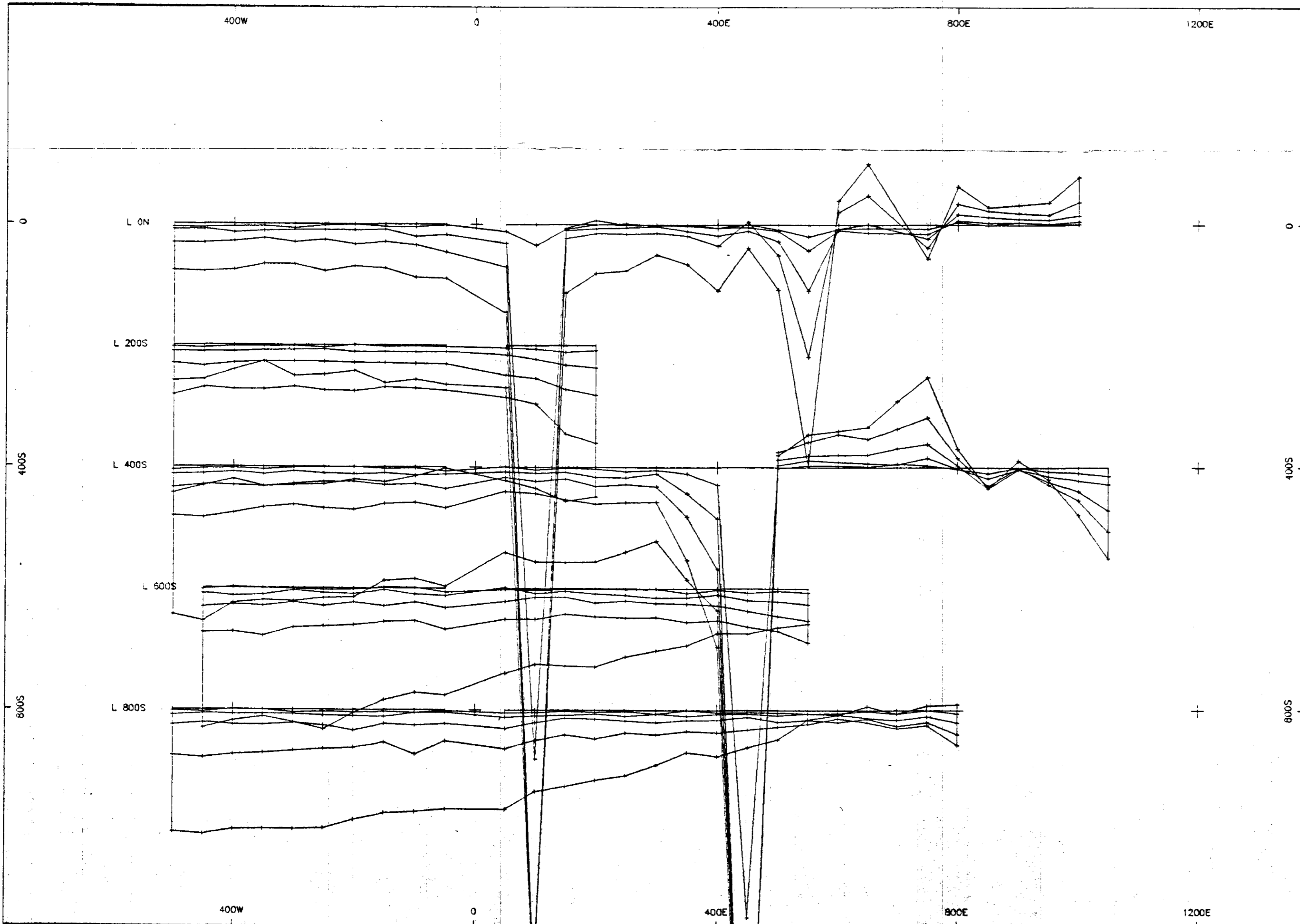


INMET MINING CORP.

GOATFELL PROPERTY  
 CRESTON, B.C.  
 CRONE SURFACE PEM SURVEY  
 LOOP #2  
 Z COMPONENT - LATE TIMES

DRAWN BY: jph DATE: June/95 (4)  
 SCOTT GEOPHYSICS LTD.





SURVEY SPECIFICATIONS

CRONE PULSE EM SYSTEM

receiver	digital
transmitter	4.8 kw
ramp time	1.5 msec
time base	16.66 msec
synchronization	crystal clocks
channels	20 + PP

value plotted:  
horizontal component -  $\delta B_x/dt$

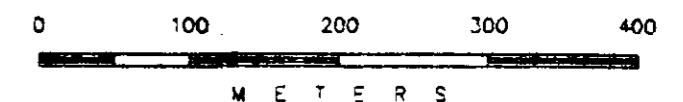
channels plotted:  
10, 12, 14, 16, 18

scale:  
10 nanoTeslas/sec per cm  
positive values above line

Loop #3 - 1.1 km x 1.0 km  
current 13 amps

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

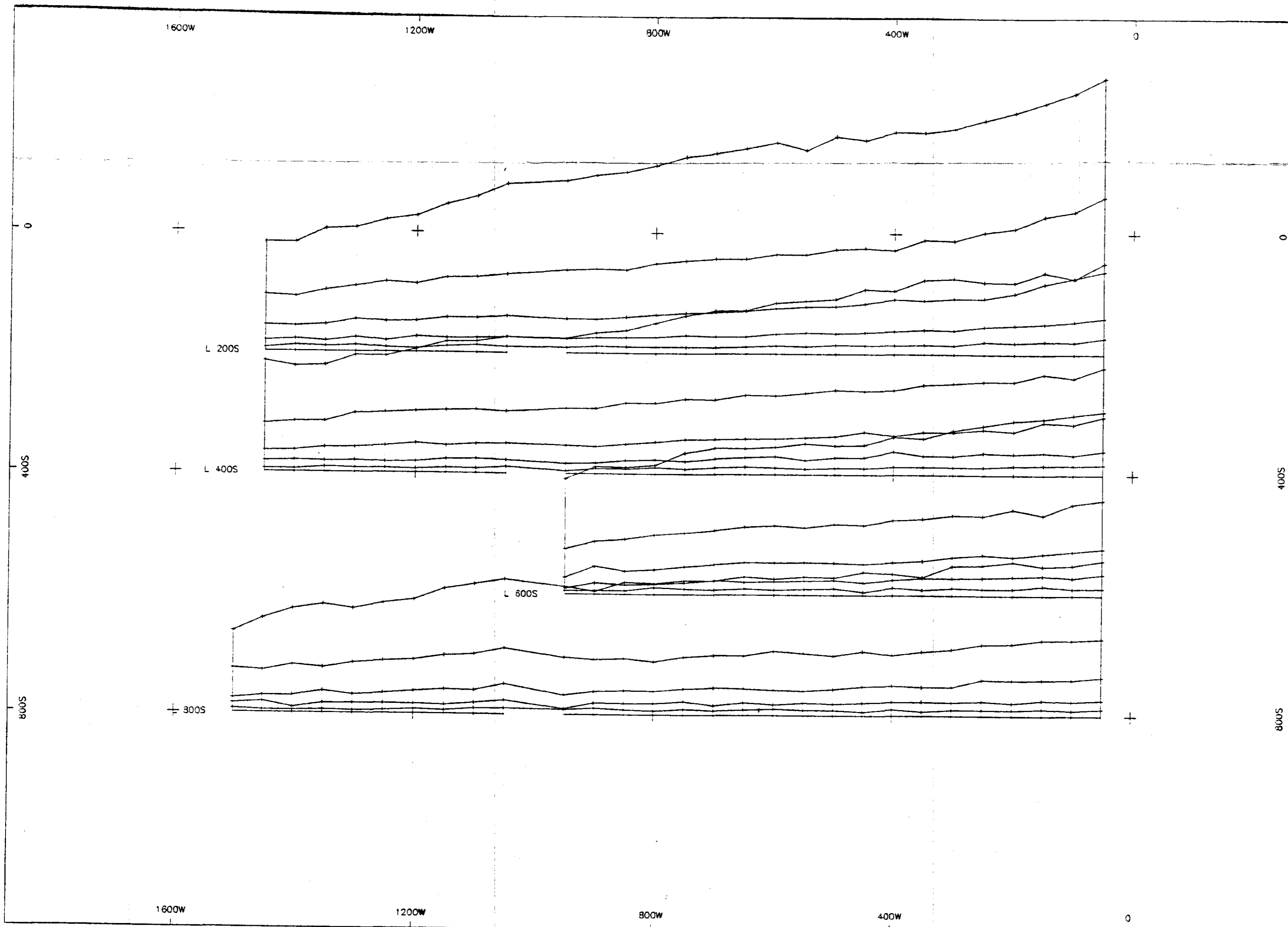
**24,223**



INMET MINING CORP.

GOATFELL PROPERTY  
CRESTON, B.C.  
CRONE PEM SURFACE SURVEY  
LOOP #3  
X COMPONENT - LATE TIMES

DRAWN BY: jph. DATE: June/95 (5)  
SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS

CRONE PULSE EM SYSTEM

receiver	digital
transmitter	4.5 kw
ramp time	1.5 msec
time base	16.66 msec
synchronization	crystal clocks
channels	20 + PP

value plotted:  
vertical component -  $\mu\text{Bz}/\text{dt}$

channels plotted:  
10, 12, 14, 16, 18

scale:  
10 nanoTeslas/sec per cm  
positive values above line

Loop #4 - 1.0 km x 0.9 km  
current 12 amps

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**24,223**

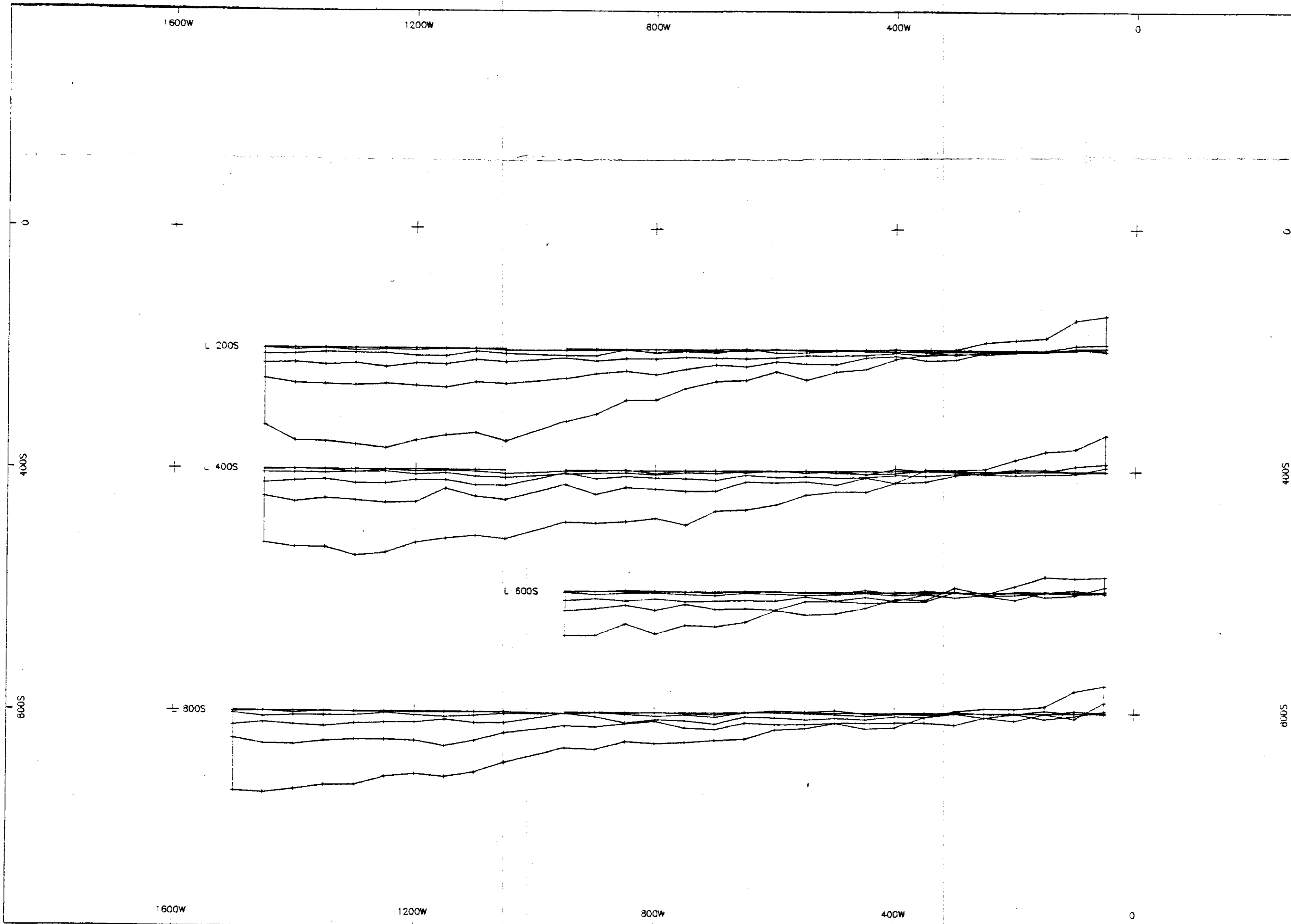
0 100 200 300 400  
M E T E R S

INMET MINING CORP.

GOATFELL PROPERTY  
CRESTON, B.C.  
CRONE SURFACE PEM SURVEY  
LOOP #4  
Z COMPONENT - LATE TIMES

DRAWN BY: jph      DATE: June/95      6

SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS

CRONE PULSE EM SYSTEM

receiver digital  
 transmitter 4.8 kw  
 ramp time 1.5 msec  
 time base 16.66 msec  
 synchronization crystal clocks  
 channels 20 + PP

value plotted:  
 horizontal component - dBx/dt

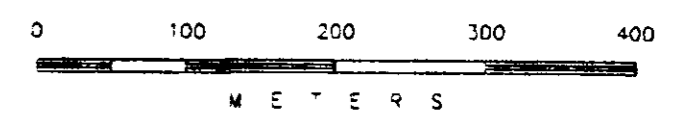
channels plotted:  
 10, 12, 14, 16, 18

scale:  
 10 nanoTeslas/sec per cm  
 positive values above line

Loop #4 - 1.0 km x 0.9 km  
 current 12 amps

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

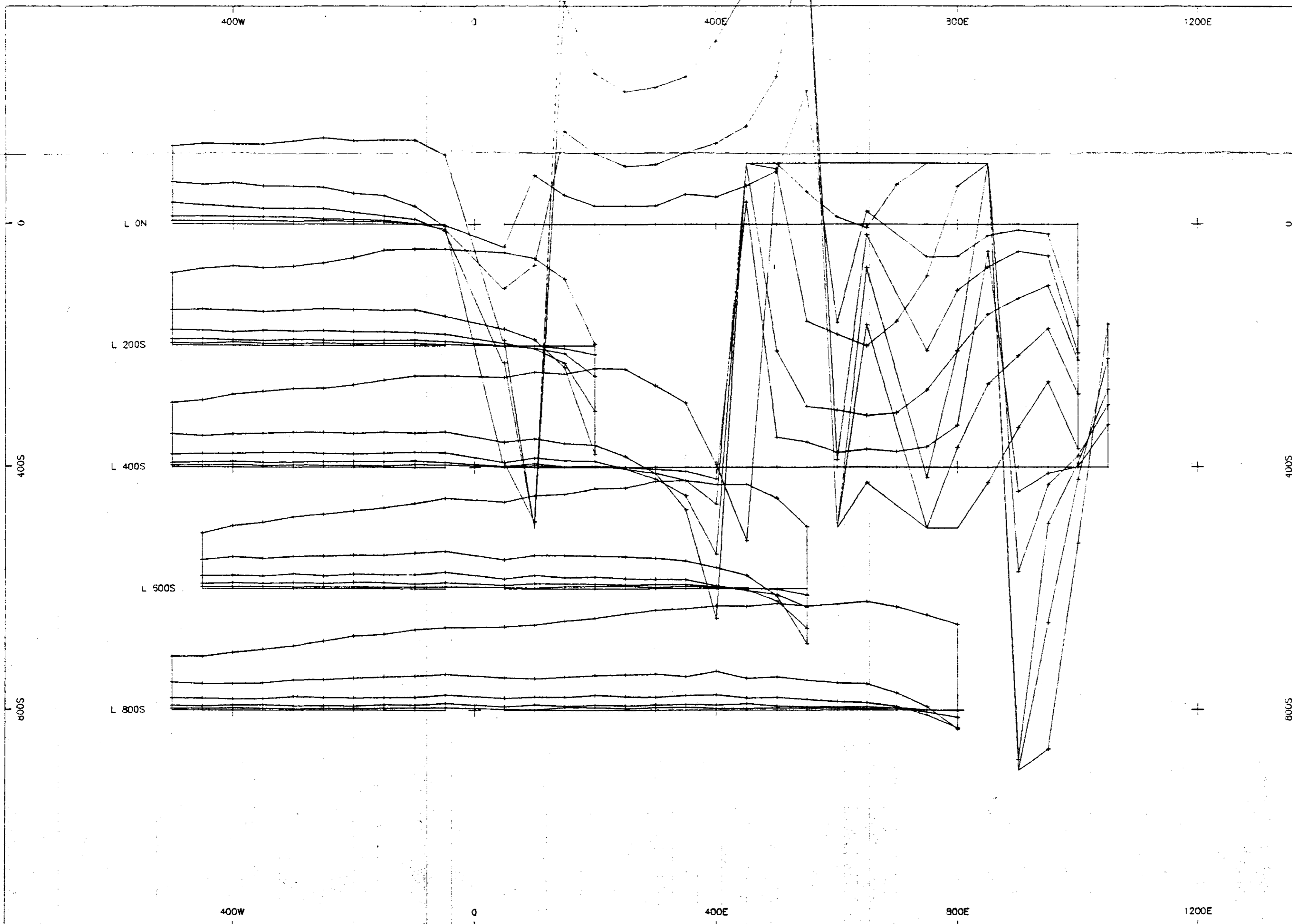
**24,223**



INMET MINING CORP.

GOATFELL PROPERTY  
 CRESTON, B.C.  
 CRONE SURFACE FEM SURVEY  
 LOOP #4  
 X COMPONENT - LATE TIMES

DRAWN BY: jph      DATE: June/95 (7)  
 SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS

CRONE PULSE EM SYSTEM

receiver digital  
 transmitter 4.3 kw  
 ramp time 1.5 msec  
 time base 16.55 msec  
 synchronization crystal clocks  
 channels 20 + PP

value plotted:  
 vertical component - dBz/dt

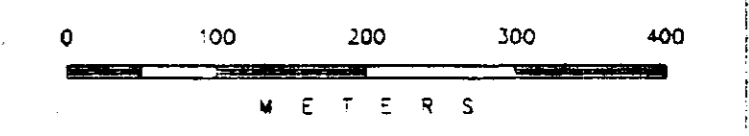
channels plotted:  
 10, 12, 14, 16, 18

scale:  
 25 nanoTeslas/sec per cm  
 positive values above line

Loop #3 - 1.1 km x 1.0 km  
 current 13 amps

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

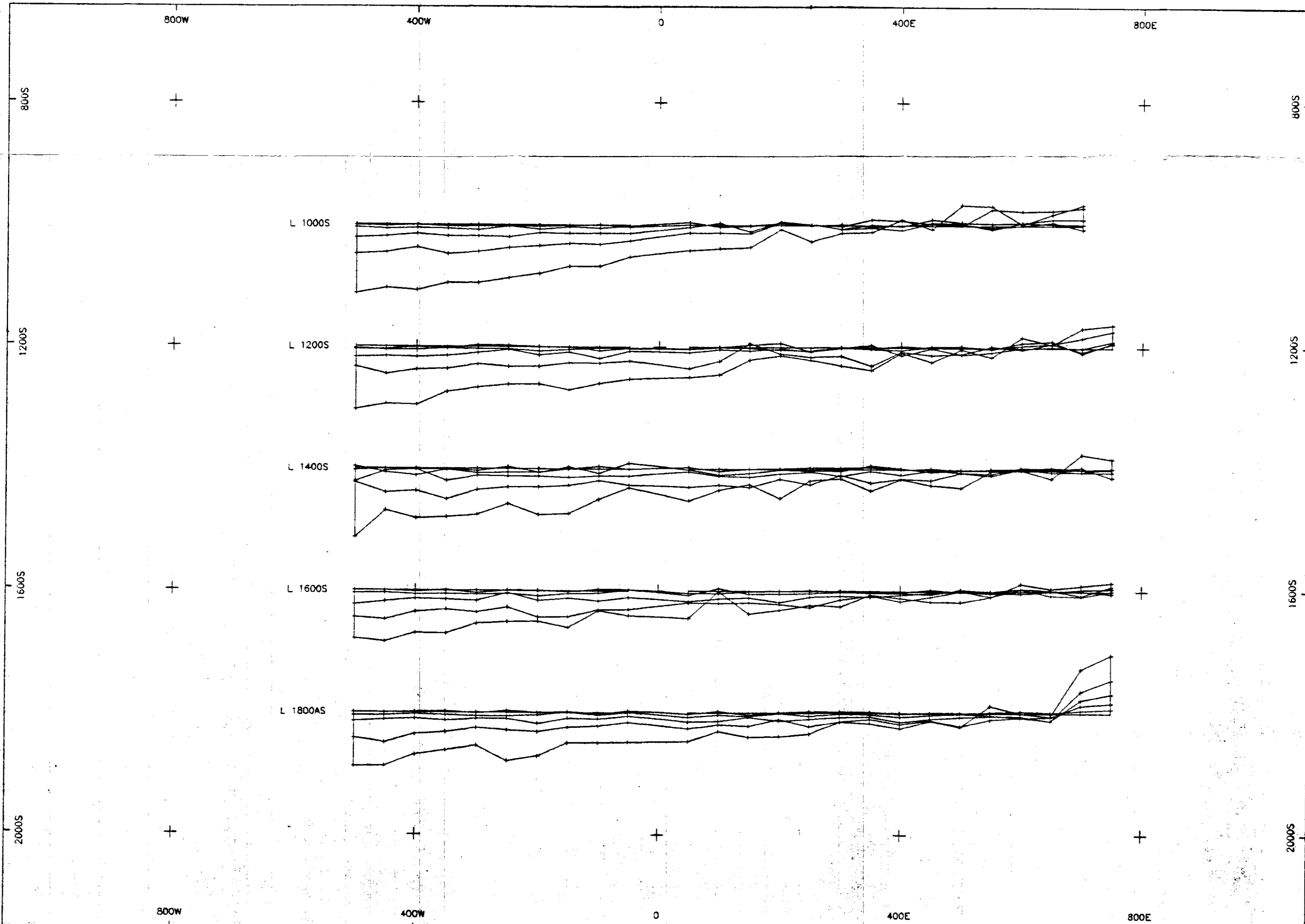
**24,223**



INMET MINING CORP.

GOATFELL PROPERTY  
 CRESTON, B.C.  
 CRONE PEM SURFACE SURVEY  
 LOOP #3  
 Z COMPONENT - LATE TIMES

DRAWN BY: jph DATE: June/95 (8)  
 SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS

CRONE PULSE EM SYSTEM

receiver	digital
transmitter	4.8 kw
ramp time	1.5 msec
time base	16.66 msec
synchronization	crystal clocks
channels	20 + PP

value plotted:  
horizontal component - dBx/dt

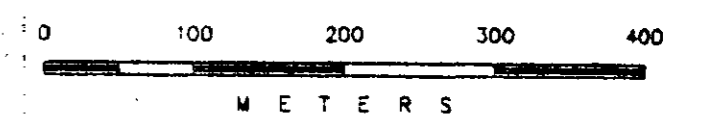
channels plotted:  
10, 12, 14, 16, 18

scale:  
10 nanoTeslas/sec per cm  
positive values above line

Loop #5 - 0.8 km x 1.0 km  
current 16 amps

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**24,223**

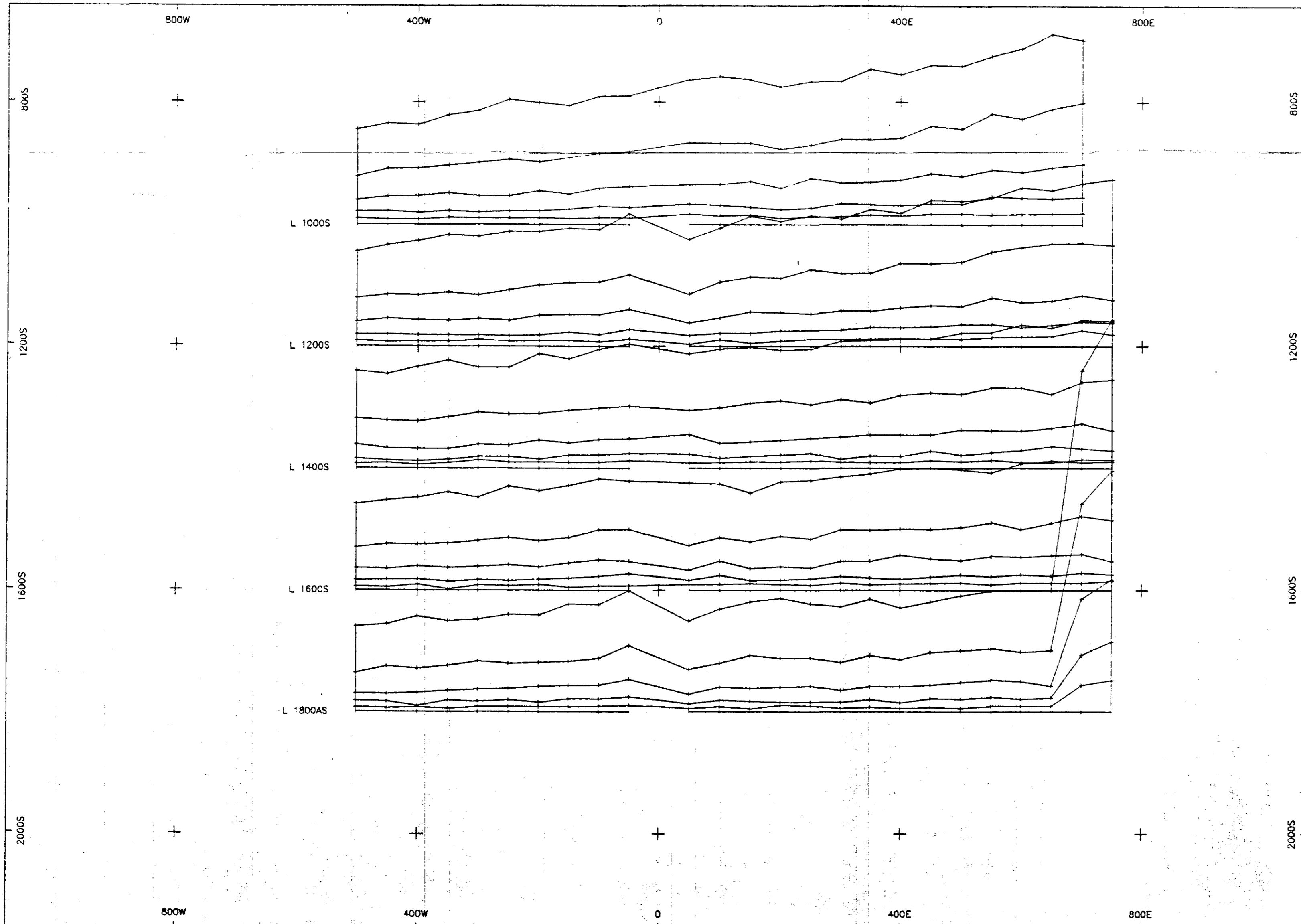


INMET MINING CORP.

GOATFELL PROPERTY  
CRESTON, B.C.  
CRONE SURFACE PEM SURVEY  
LOOP #5  
X COMPONENT - LATE TIMES

DRAWN BY: jph      DATE: June/95 (9)

SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS  
 CRONE PULSE EM SYSTEM

receiver	digital
transmitter	4.8 kw
ramp time	1.5 msec
time base	15.66 msec
synchronization	crystal clocks
channels	20 + PP

value plotted:  
 vertical component - dBz/dt

channels plotted:  
 10, 12, 14, 16, 18

scale:  
 10 nanoTeslas/sec per cm  
 positive values above line

Loop #5 - 0.8 km x 1.0 km  
 current 16 amps

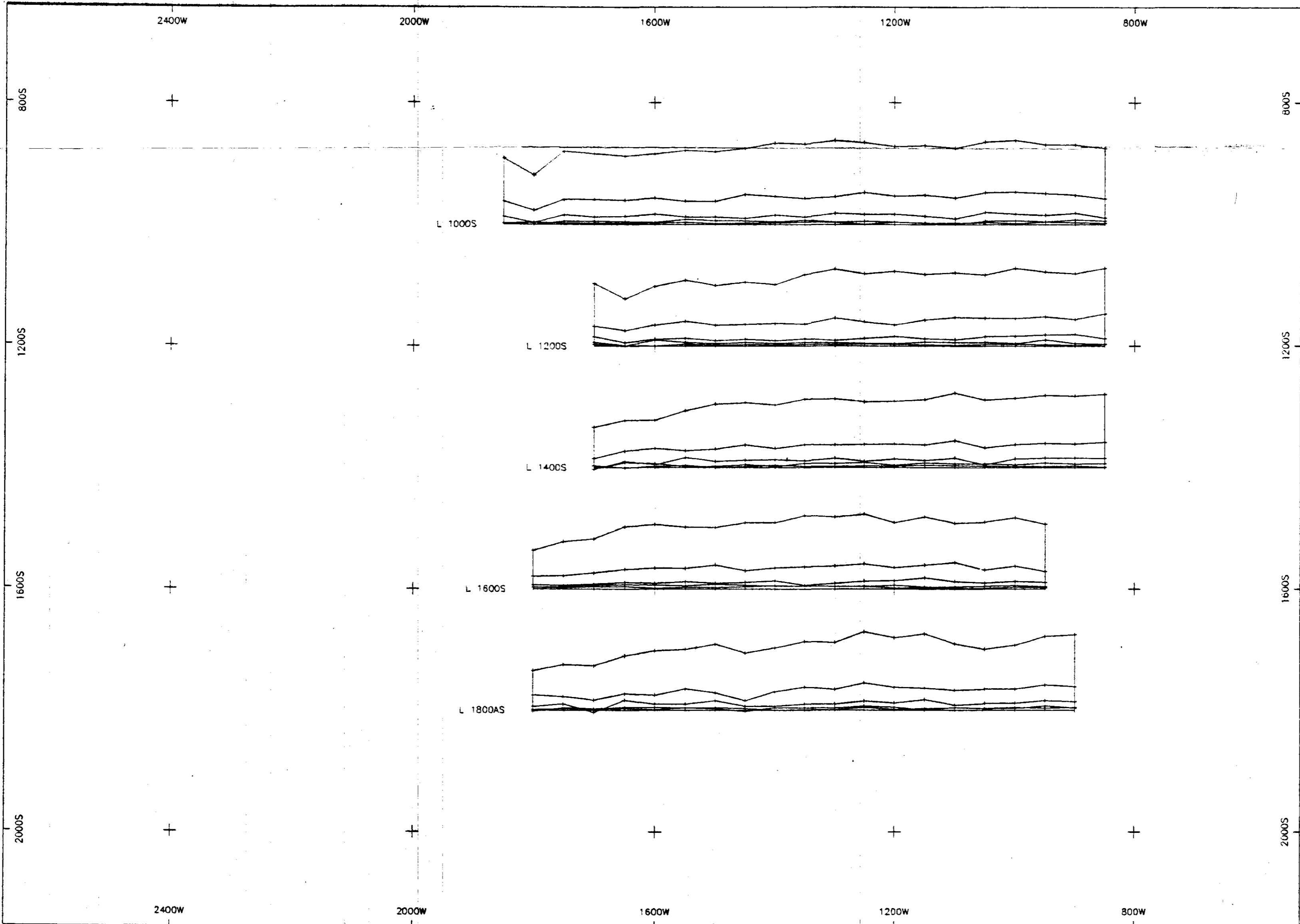
**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

# 24,223

INMET MINING CORP.

GOATFELL PROPERTY  
 CRESTON, B.C.  
 CRONE SURFACE PEM SURVEY  
 LOOP #5  
 Z COMPONENT - LATE TIMES

DRAWN BY: jph	DATE: June/95	©
SCOTT GEOPHYSICS LTD.		



SURVEY SPECIFICATIONS

CRONE PULSE EM SYSTEM

receiver	digital
transmitter	4.8 kw
ramp time	1.5 msec
time base	16.66 msec
synchronization	crystal clocks
channels	20 + PP

value plotted:  
vertical component - dBz/dt

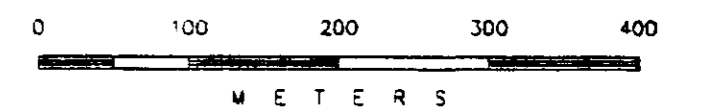
channels plotted:  
10, 12, 14, 16, 18

scale:  
10 nanoTeslas/sec per cm  
positive values above line

Loop #7 - 1.1 km x 1.0 km  
current 12 amps

**LOGIC 1 BRAND**  
**ASSESSMENT REPORT**

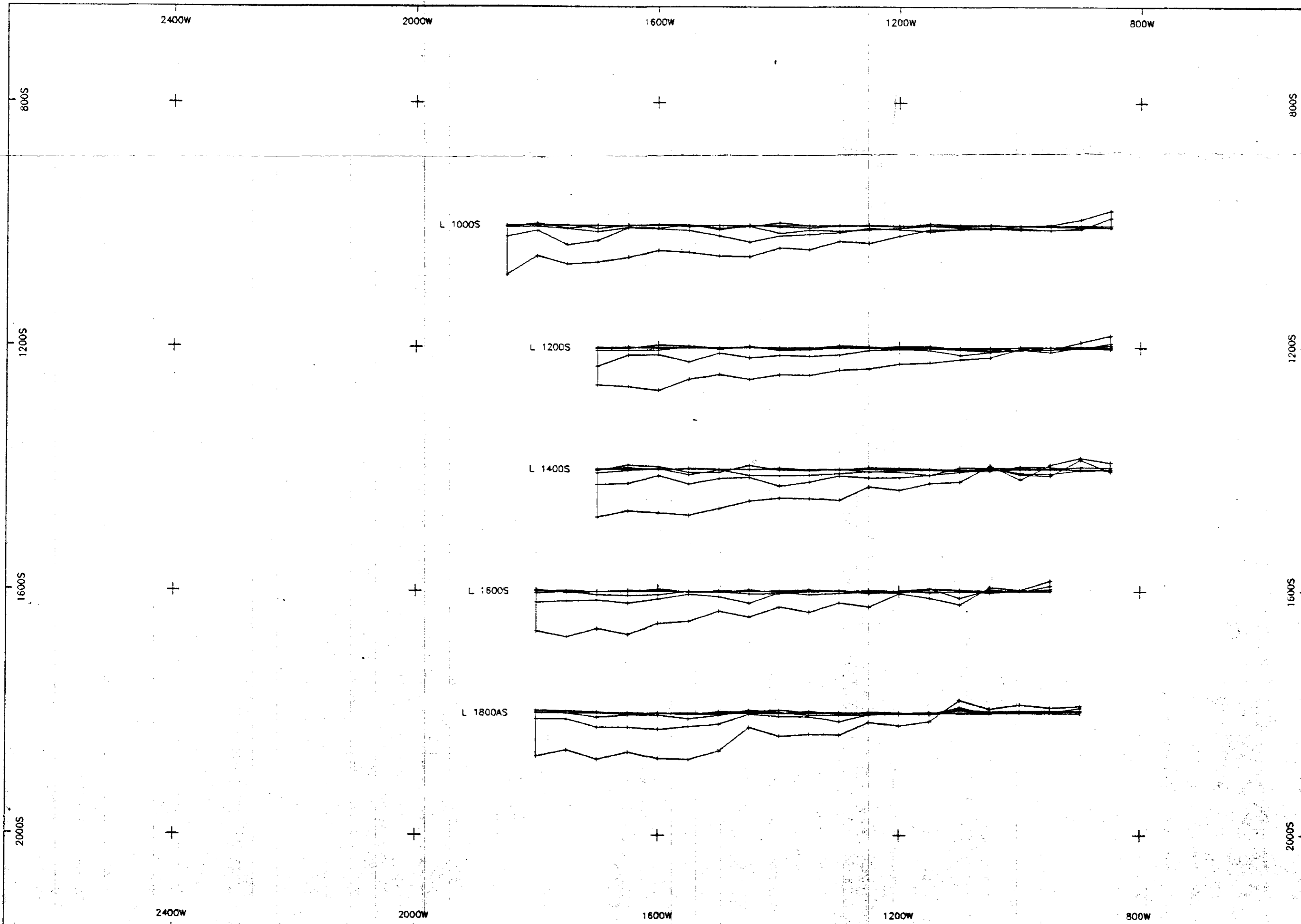
**24,223**



INMET MINING CORP.

GOATFELL PROPERTY  
CRESTON, B.C.  
CRONE SURFACE PEM SURVEY  
LOOP #7  
Z. COMPONENT - LATE TIMES

DRAWN BY: jph	DATE: June/95	(11)
SCOTT GEOPHYSICS LTD.		



**SURVEY SPECIFICATIONS**

CRONE PULSE EM SYSTEM

receiver	digital
transmitter	4.8 kw
ramp time	1.5 msec
time base	16.66 msec
synchronization	crystal clocks
channels	20 + PP

value plotted:  
horizontal component - dBx/dt

channels plotted:  
10, 12, 14, 16, 18

scale:  
10 nanoTeslas/sec per cm  
positive values above line

Loop #7 - 1.1 km x 1.0 km  
current 12 amps

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**24,223**

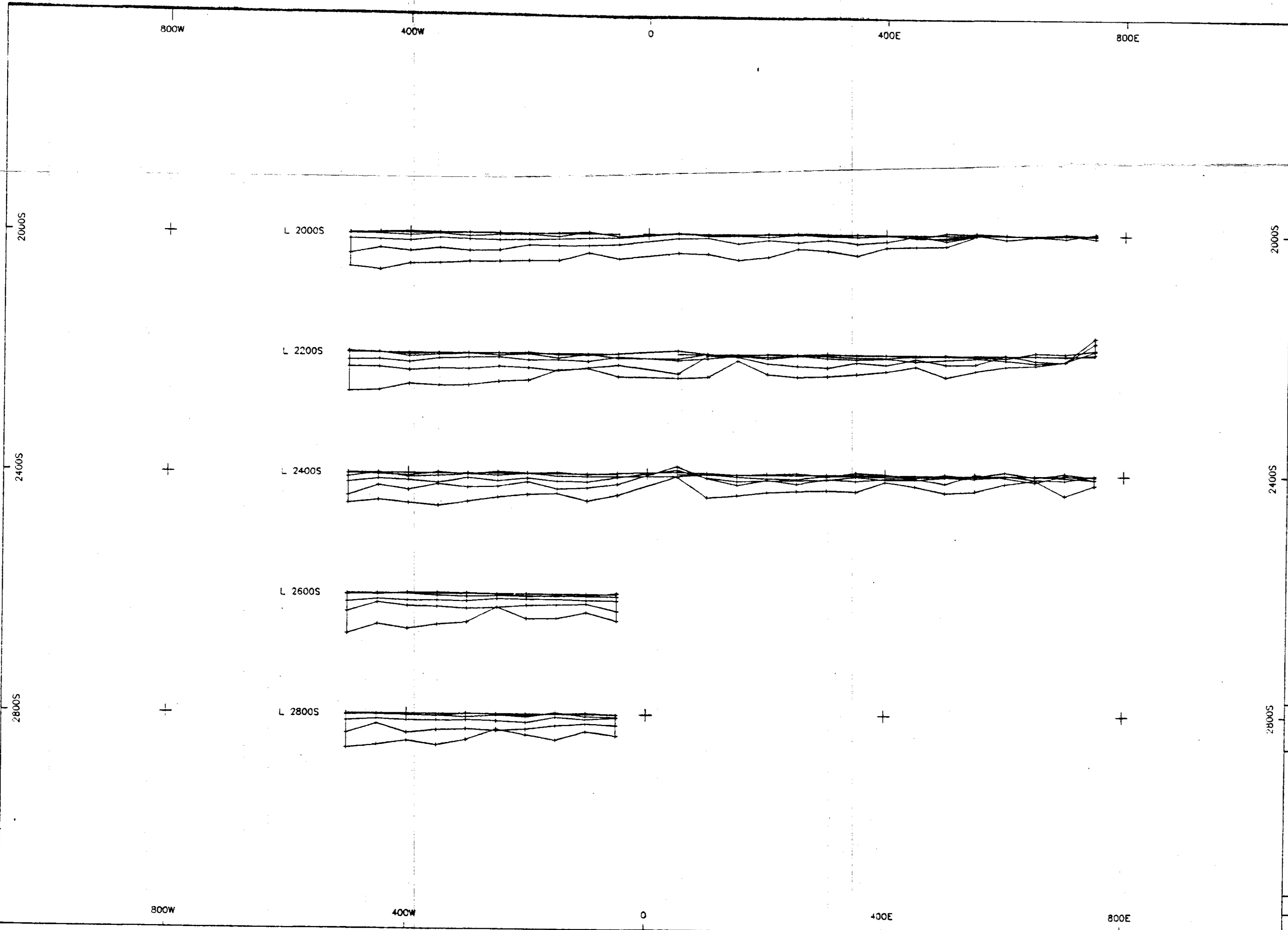


**INMET MINING CORP.**

GOATFELL PROPERTY  
CRESTON, B.C.  
CRONE SURFACE PEM SURVEY  
LOOP #7  
X COMPONENT - LATE TIMES

DRAWN BY: jph      DATE: June/95      (12)  
SCOTT GEOPHYSICS LTD.





SURVEY SPECIFICATIONS

CRONE PULSE EM SYSTEM

receiver digital  
 transmitter 4.8 kw  
 ramp time 1.5 msec  
 time base 16.66 msec  
 synchronization crystal clocks  
 channels 20 + PP

value plotted:  
 horizontal component - dBx/dt

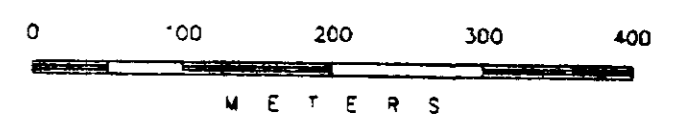
channels plotted:  
 10, 12, 14, 16, 18

scale:  
 10 nanoTeslas/sec per cm  
 positive values above line

Loop #8 - 0.8 km x 1.1 km  
 current 13 amps

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

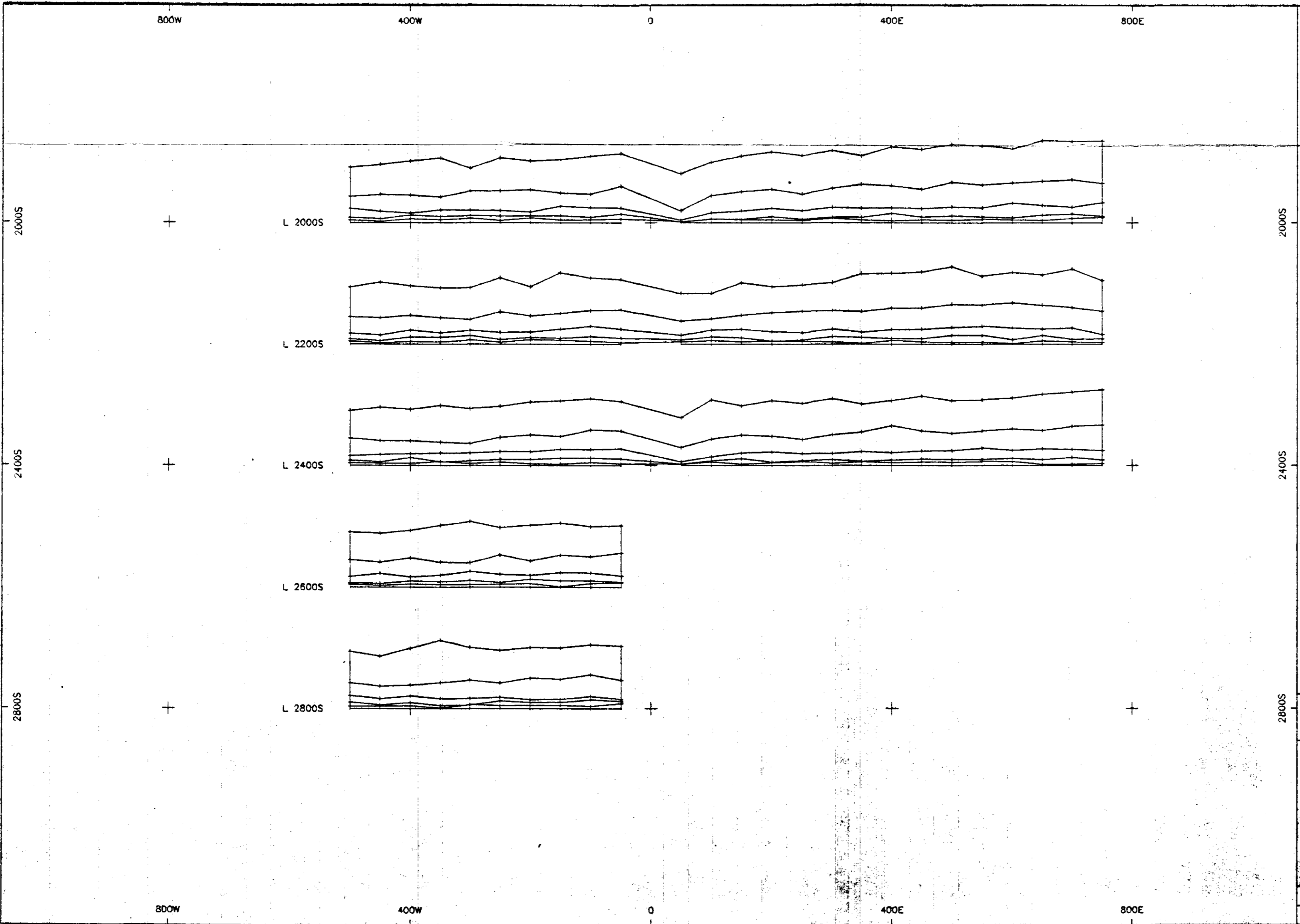
**24,223**



INMET MINING CORP.

GOATFELL PROPERTY  
 CRESTON, B.C.  
 CRONE SURFACE PEM SURVEY  
 LOOP #8  
 X COMPONENT - LATE TIMES

DRAWN BY: jph DATE: June/95 (13)  
 SCOTT GEOPHYSICS LTD.



**SURVEY SPECIFICATIONS**  
**CRONE PULSE EM SYSTEM**  
 receiver digital  
 transmitter 4.8 kw  
 ramp time 1.5 msec  
 time base 16.66 msec  
 synchronization crystal clocks  
 channels 20 + PP

value plotted:  
 vertical component - dBz/dt

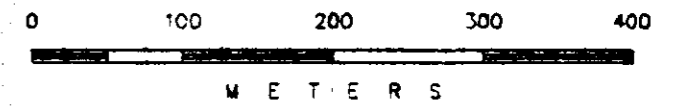
channels plotted:  
 10, 12, 14, 16, 18

scale:  
 10 nanoTeslas/sec per cm  
 positive values above line

Loop #8 - 0.8 km x 1.1 km  
 current 13 amos

**GEOLOGIC I BRANCH**  
**ASSESSMENT REPORT**

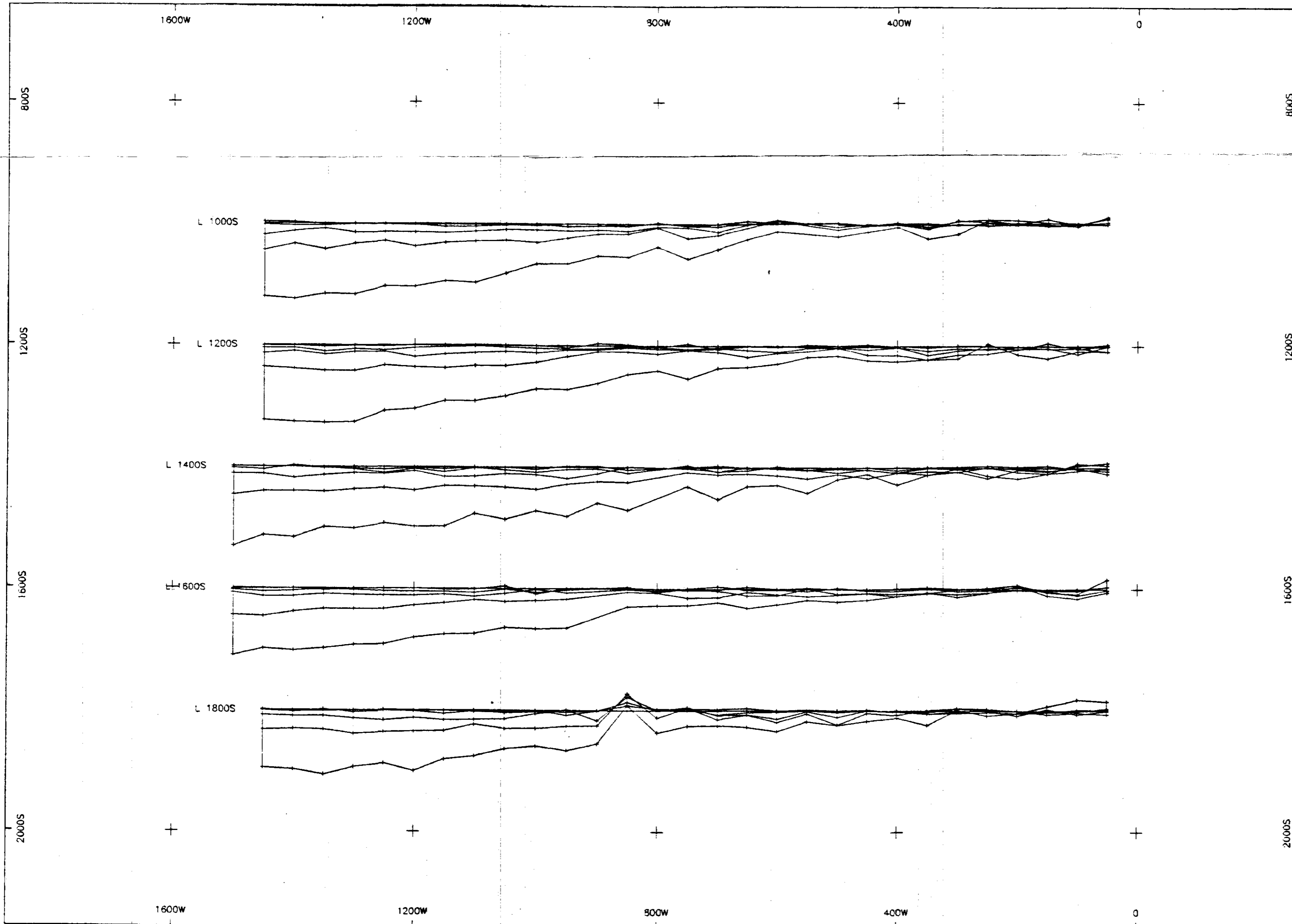
**24,223**



**INMET MINING CORP.**

GOATFELL PROPERTY  
 CRESTON, B.C.  
 CRONE SURFACE PEM SURVEY  
 LOOP #8  
 Z<sub>1</sub> COMPONENT - LATE TIMES

DRAWN BY: jph DATE: June/95 (14)  
 SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS

CRONE PULSE EM SYSTEM

receiver digital  
 transmitter 4.8 kw  
 ramp time 1.5 msec  
 time base 16.66 msec  
 synchronization crystal clocks  
 channels 20 + PP

value plotted:  
 horizontal component - dBx/dt

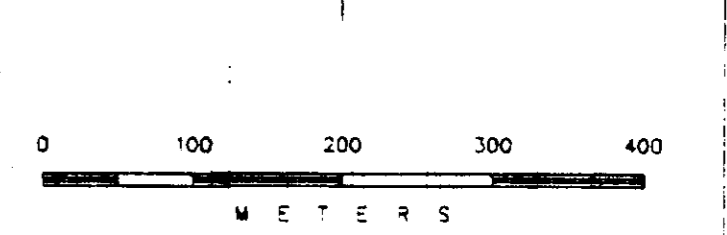
channels plotted:  
 10, 12, 14, 16, 18

scale:  
 10 nanoTeslas/sec per cm  
 positive values above line

Loop #6 - 0.8 km x 1.0 km  
 current 15 amps

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

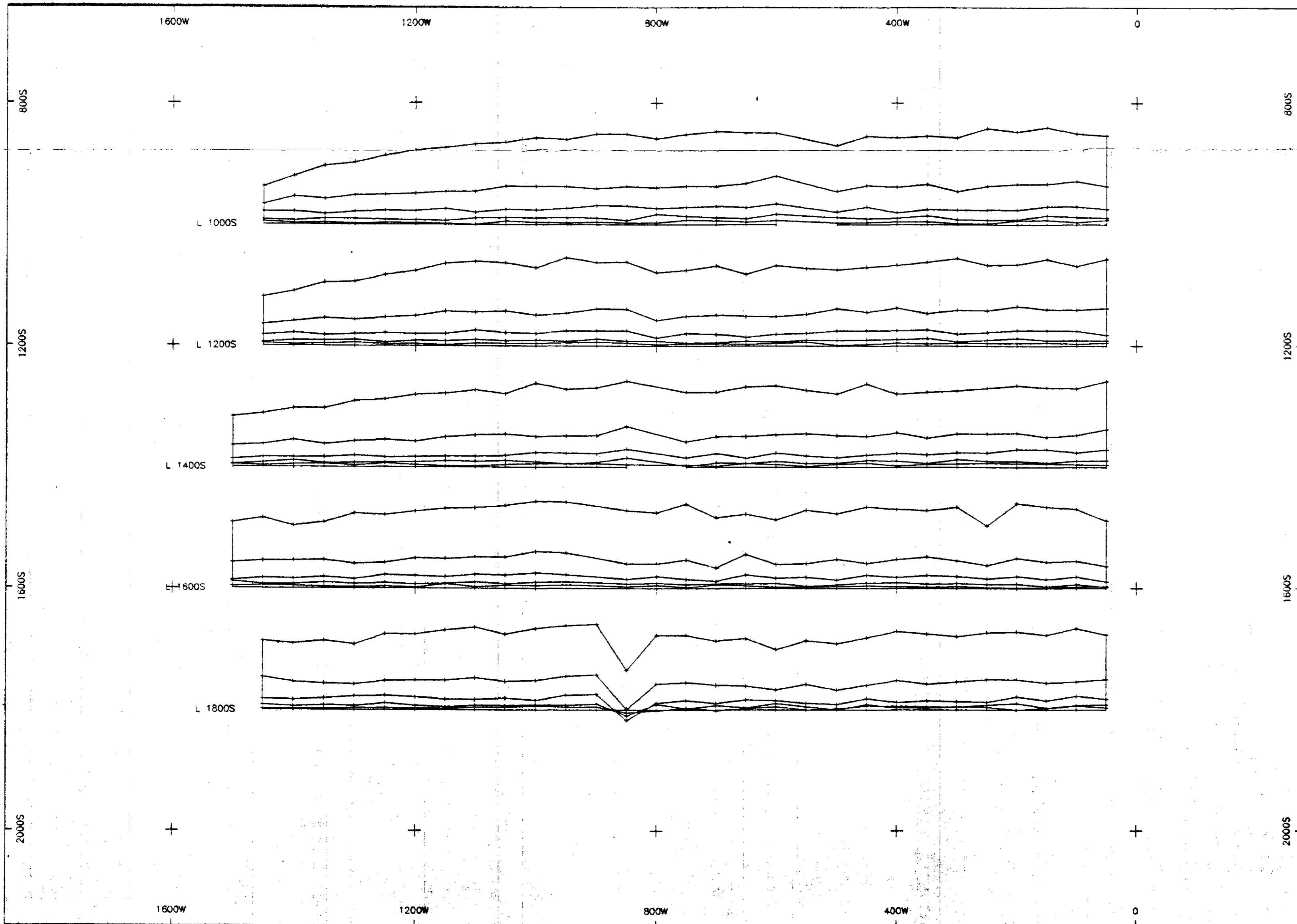
**24,223**



INMET MINING CORP.

GOATFELL PROPERTY  
 CRESTON, B.C.  
 CRONE SURFACE PEM SURVEY  
 LOOP #6  
 X COMPONENT - LATE TIMES

DRAWN BY: jph DATE: June/95 (5)  
 SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS

CRONE PULSE EM SYSTEM

receiver	digital
transmitter	4.8 kw
ramp time	1.5 msec
time base	16.66 msec
synchronization	crystal clocks
channels	20 + PP

value plotted:  
vertical component - dBz/dt

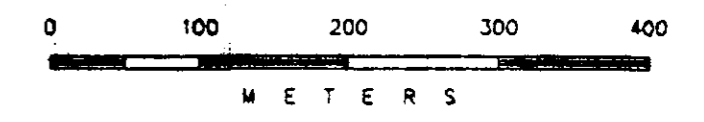
channels plotted:  
10, 12, 14, 16, 18

scale:  
10 nanoTeslas/sec per cm  
positive values above line

Loop #6 - 0.8 km x 1.0 km  
current 15 amps

**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

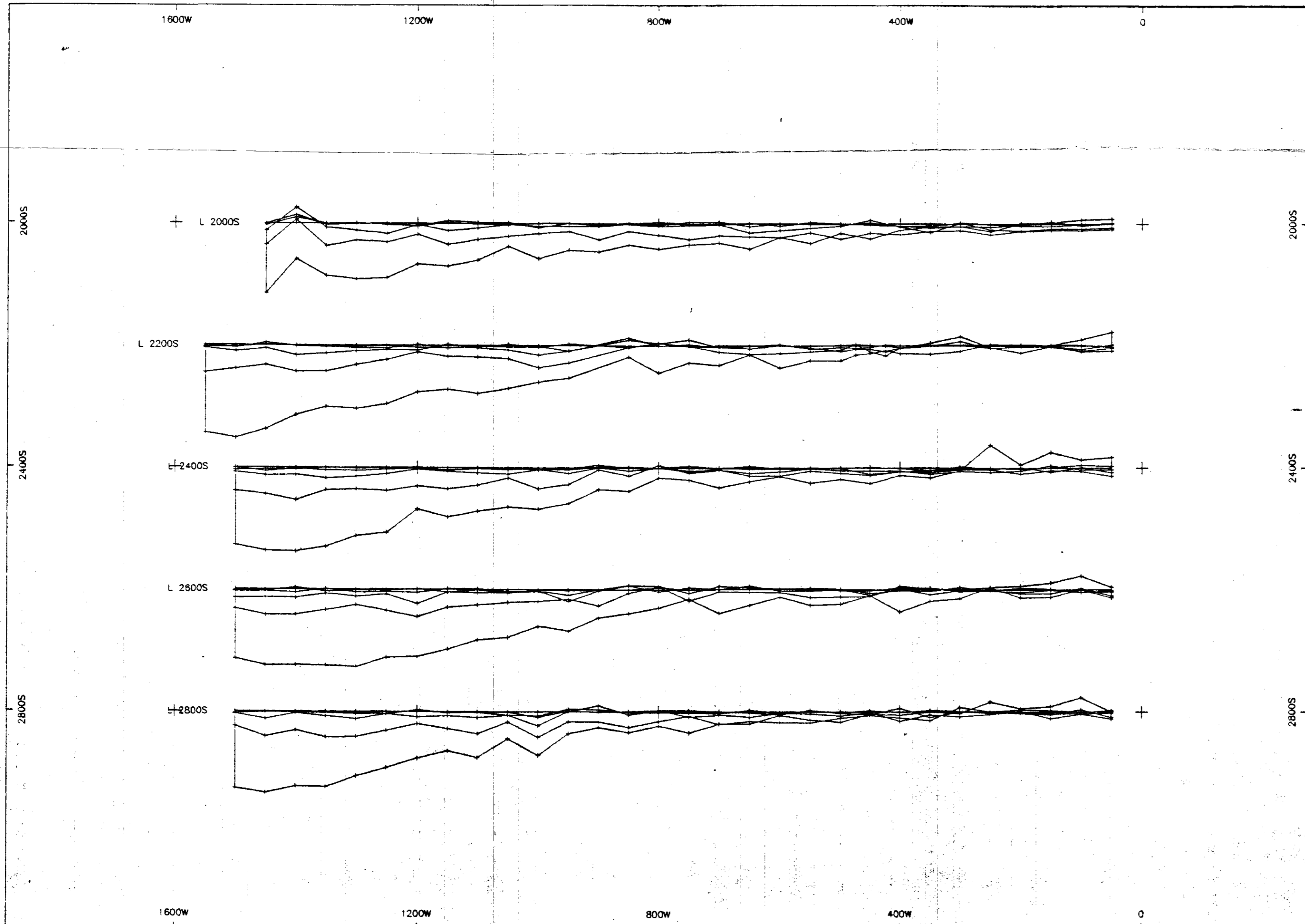
**24,223**



INMET MINING CORP.

GOATFELL PROPERTY  
CRESTON, B.C.  
CRONE SURFACE PEM SURVEY  
LOOP #6  
Z COMPONENT - LATE TIMES

DRAWN BY: jph      DATE: June/95      (16)  
SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS

CRONE PULSE EM SYSTEM

receiver	digital
transmitter	4.8 kw
ramp time	1.5 msec
time base	16.66 msec
synchronization	crystal clocks
channels	20 + PP

value plotted:  
horizontal component - dBx/dt

channels plotted:  
10, 12, 14, 16, 18

scale:  
10 nanoTeslas/sec per cm  
positive values above line

Loop #9 - 0.9 km x 1.1 km  
current 15 amps

**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

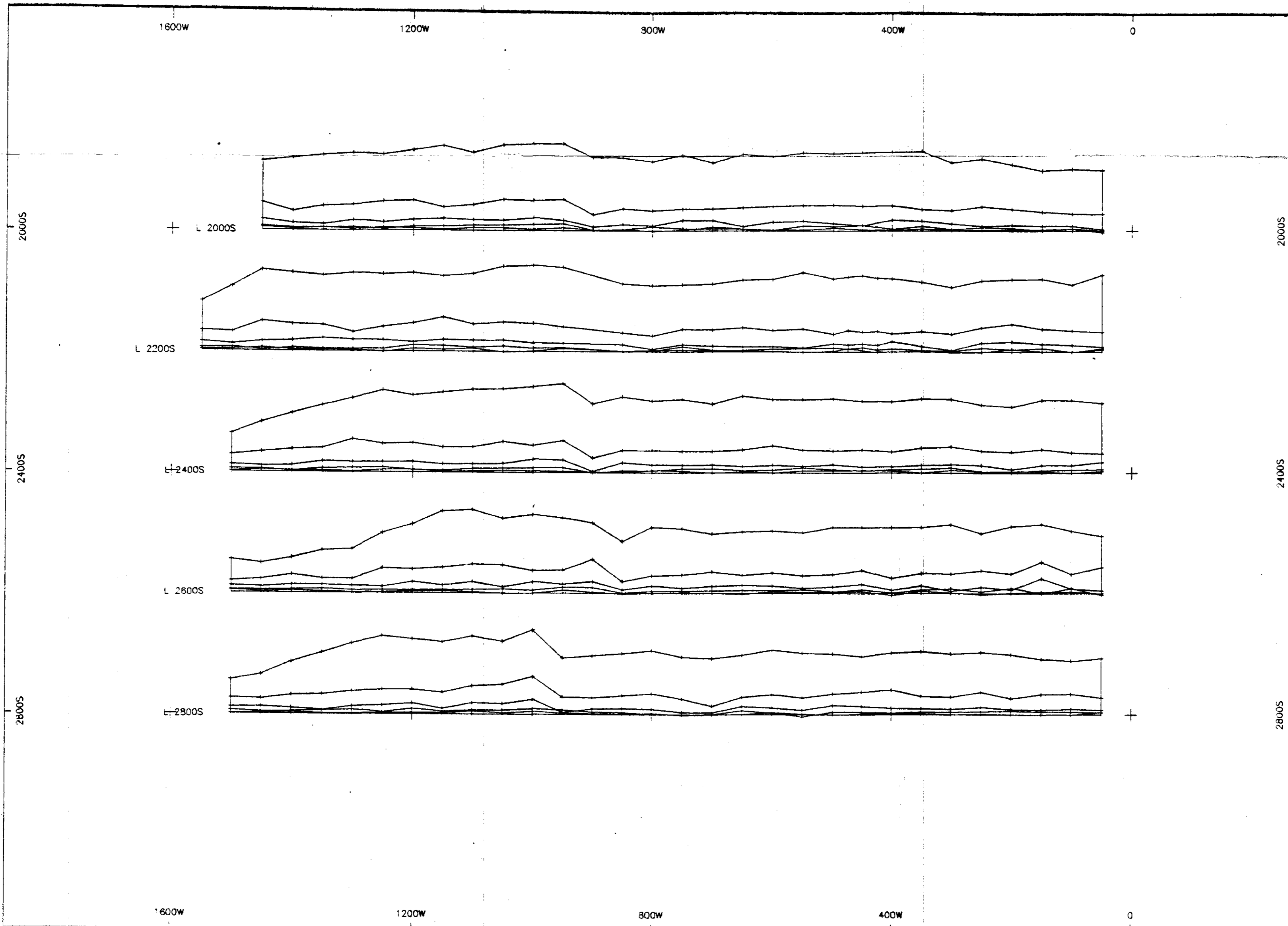
# 24,223

INMET MINING CORP.

GOATFELL PROPERTY  
CRESTON, B.C.  
CRONE SURFACE PEM SURVEY  
LOOP #9  
X COMPONENT - LATE TIMES

DRAWN BY: jph      DATE: June/95 (17)

SCOTT GEOPHYSICS LTD.



**SURVEY SPECIFICATIONS**

CRONE PULSE EM SYSTEM

receiver	digital
transmitter	4.3 kw
ramp time	1.5 msec
time base	16.66 msec
synchronization	crystal clocks
channels	20 + PP

value plotted:  
vertical component - dBz/dt

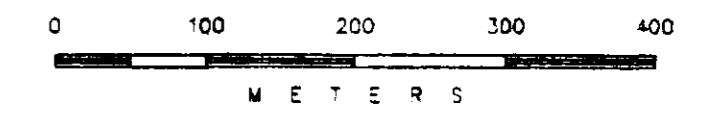
channels plotted:  
10, 12, 14, 16, 18

scale:  
10 nanoTeslas/sec per cm  
positive values above line

Loop #9 - 0.9 km x 1.1 km  
current 15 amps

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

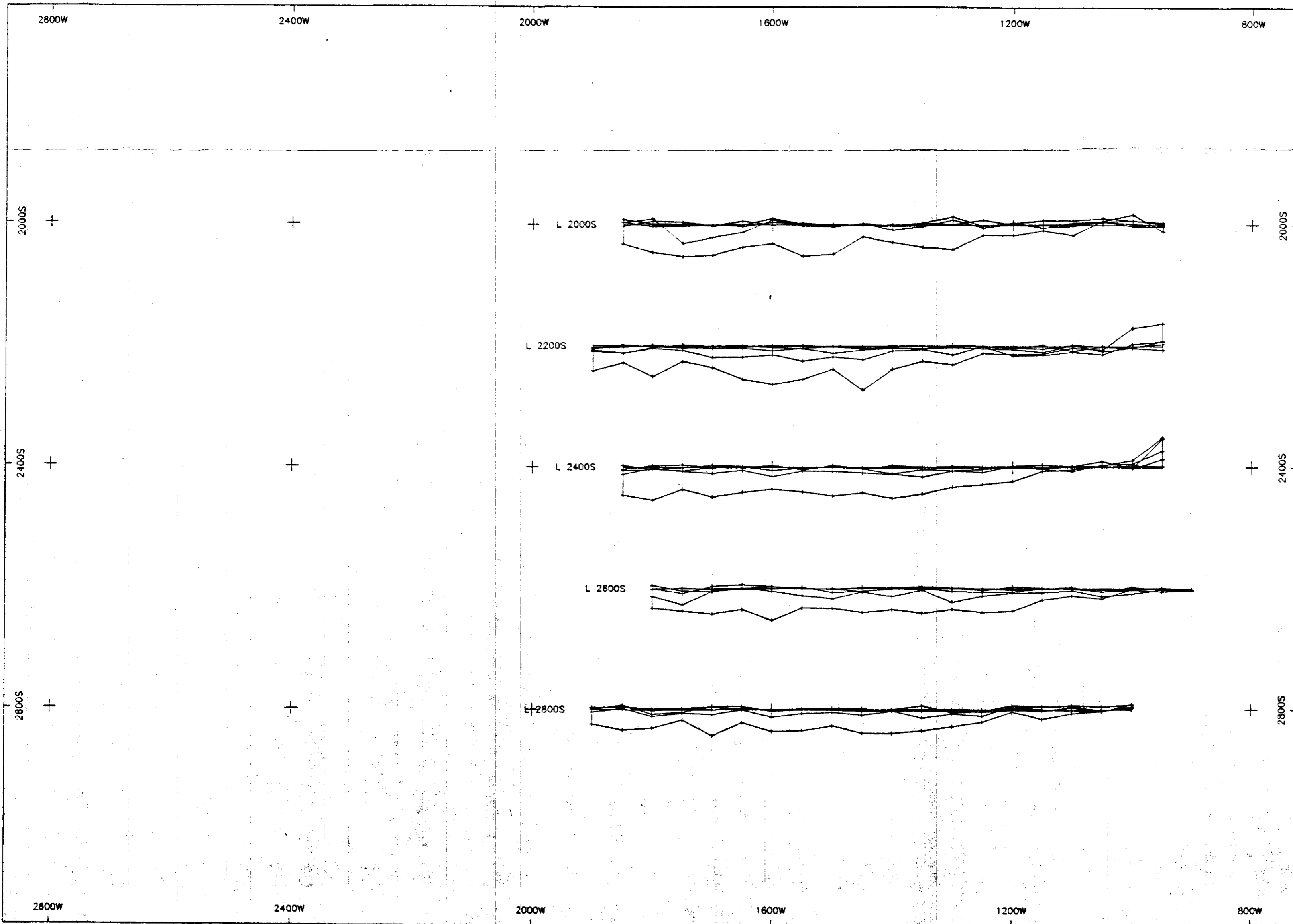
**24,223**



**INMET MINING CORP.**

GOATFELL PROPERTY  
CRESTON, B.C.  
CRONE SURFACE PEM SURVEY  
LOOP #9  
Z COMPONENT - LATE TIMES

DRAWN BY: jph | DATE: June/95 | (18)  
SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS  
 CRONE PULSE EM SYSTEM

receiver	digital
transmitter	4.8 kw
ramp time	1.5 msec
time base	16.66 msec
synchronization	crystal clocks
channels	20 + PP

value plotted:  
 horizontal component - dBx/dt

channels plotted:  
 10, 12, 14, 16, 18

scale:  
 10 nanoTeslas/sec per cm  
 positive values above line

Loop #10 - 1.1 km x 1.1 km  
 current 15 amps

**GEOLOGICAL BRANDS  
 ASSESSMENT REPORT**

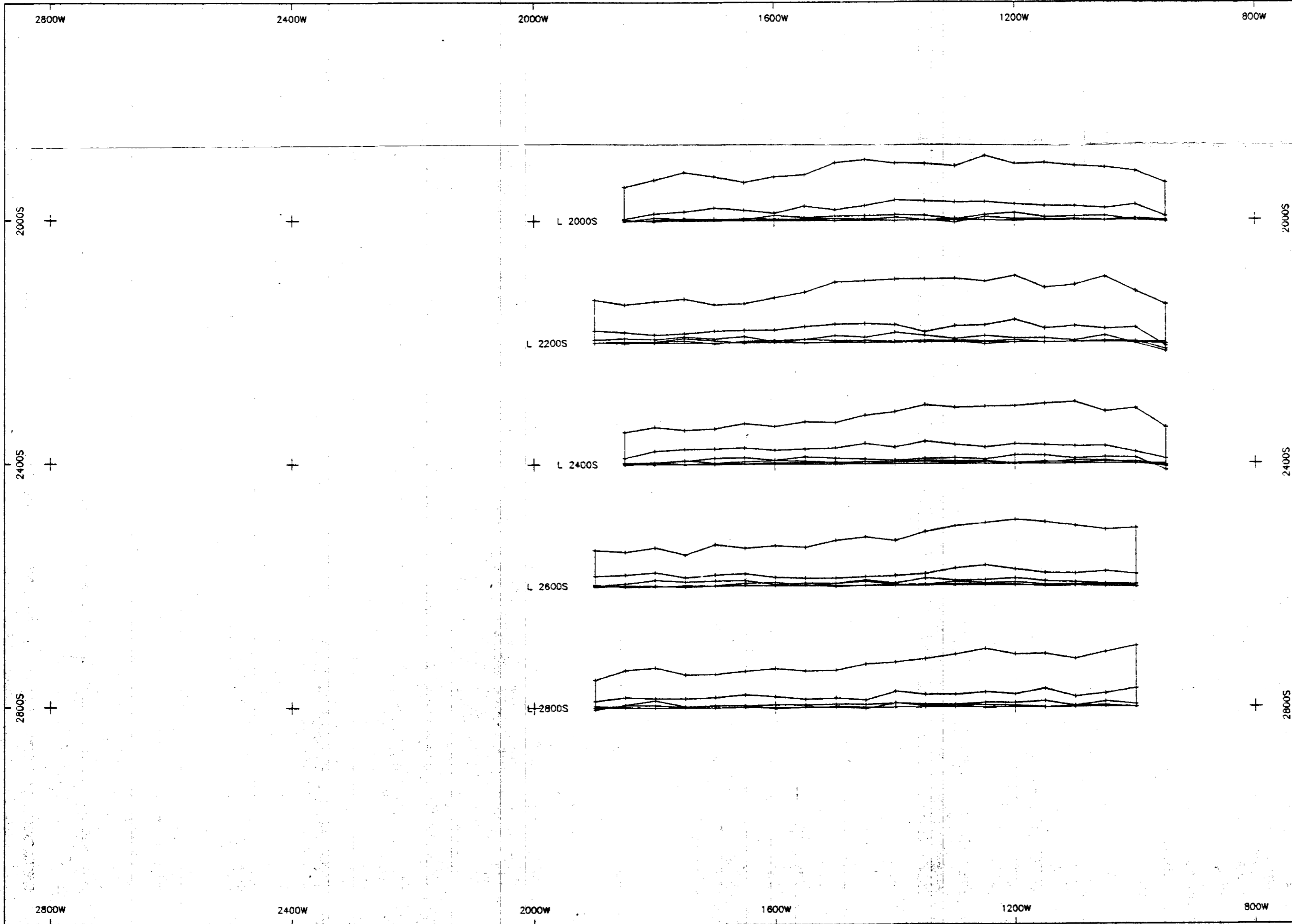
**24,223**



INMET MINING CORP.

GOATFELL PROPERTY  
 CRESTON, B.C.  
 CRONE SURFACE PEM SURVEY  
 LOOP #10  
 X-COMPONENT - LATE TIMES

DRAWN BY: jph	DATE: June/95	(19)
SCOTT GEOPHYSICS LTD.		



SURVEY SPECIFICATIONS

CRONE PULSE EM SYSTEM

receiver digital  
 transmitter 4.8 kw  
 ramp time 1.5 msec  
 time base 16.66 msec  
 synchronization crystal clocks  
 channels 20 + PP

value plotted:  
 vertical component - dBz/dt

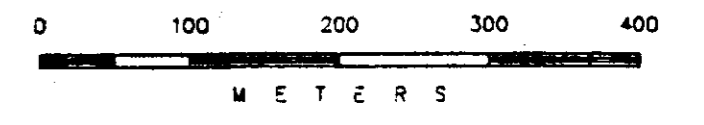
channels plotted:  
 10, 12, 14, 16, 18

scale:  
 10 nanoTeslas/sec per cm  
 positive values above line

Loop #10 - 1.1 km x 1.1 km  
 current 15 amps

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

**24,223**

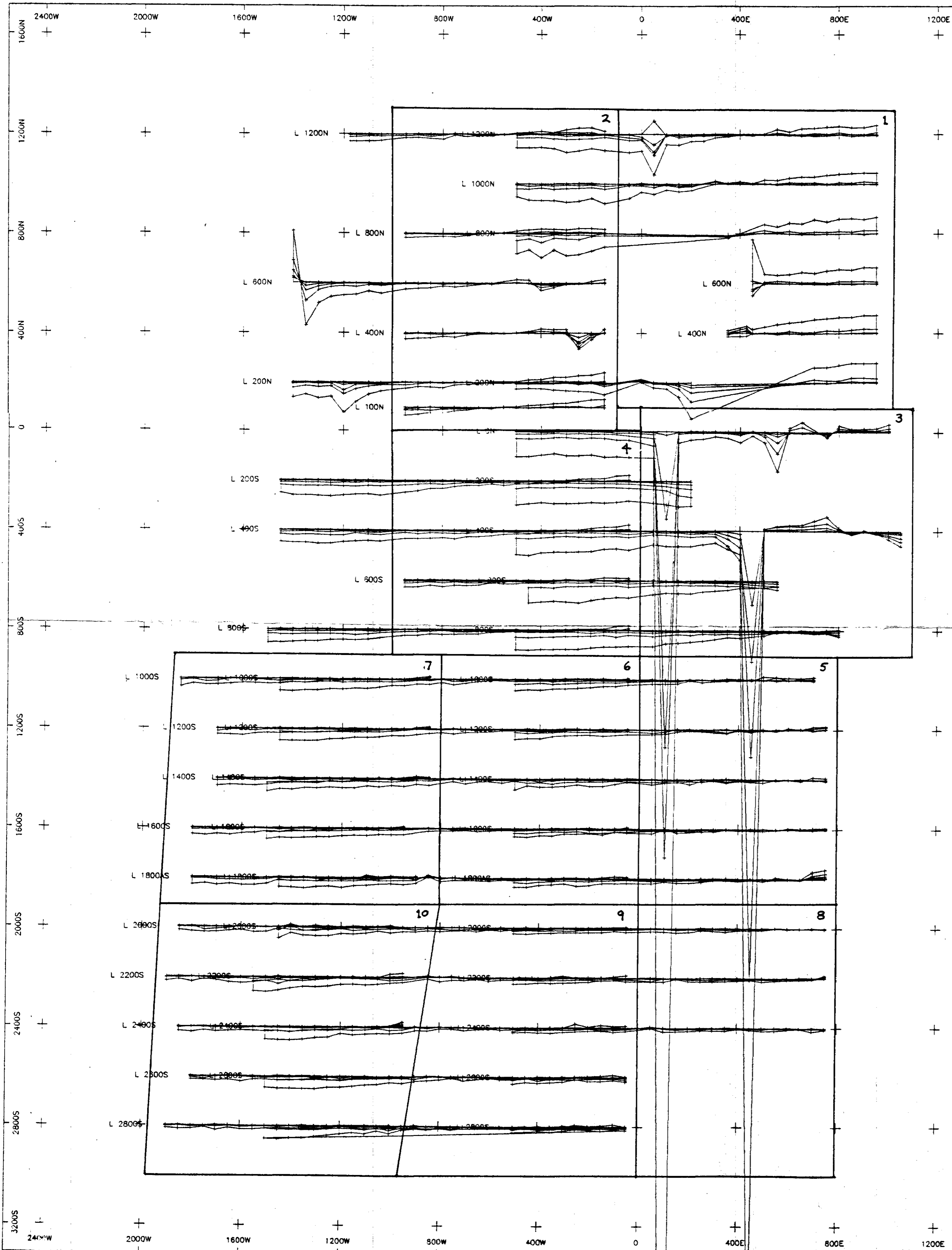


INMET MINING CORP.

GOATFELL PROPERTY  
 CRESTON, B.C.  
 CRONE SURFACE PEM SURVEY  
 LOOP #10  
 Z COMPONENT - LATE TIMES

DRAWN BY: jph DATE: June/95 (20)  
 SCOTT GEOPHYSICS LTD.





**SURVEY SPECIFICATIONS**

**CRONE PULSE EM SYSTEM**

receiver	digital
transmitter	4.8 kw
ramp time	1.5 msec
time base	15.66 msec
synchronization	crystal clocks
channels	20 + PP

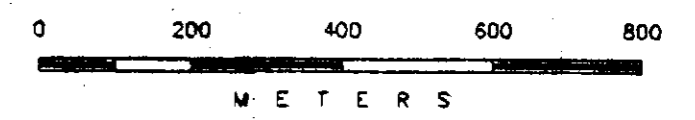
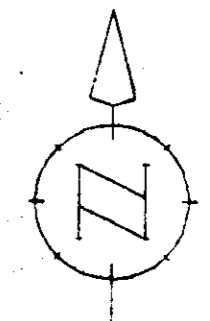
value plotted:  
horizontal component - dBx/dt

channels plotted:  
10, 12, 14, 16, 18

scale:  
50 nanoTeslas/sec per cm  
positive values above line

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**24,223**

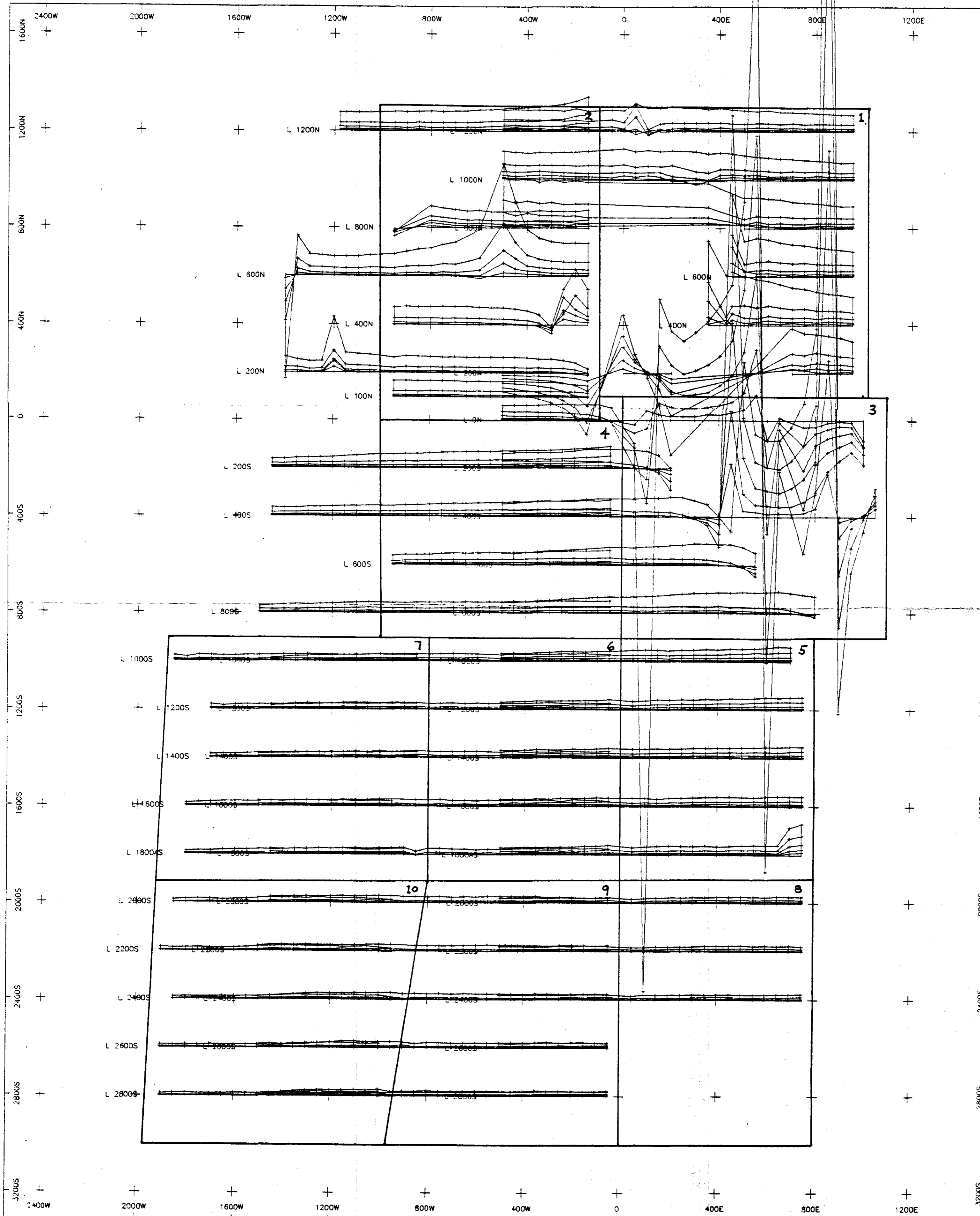


**INMET MINING CORP.**

**GOATFELL PROPERTY**  
CRESTON, B.C.  
CRONE SURFACE PEM SURVEY  
LOOP COMPILATION MAP  
X COMPONENT - LATE TIMES

DRAWN BY: jph      DATE: June/95      (2)

SCOTT GEOPHYSICS LTD.



**SURVEY SPECIFICATIONS**

CRONE PULSE EM SYSTEM

receiver	digital
transmitter	4.8 kw
ramp time	1.5 msec
time base	16.66 msec
synchronization	crystal clocks
channels	20 + PP

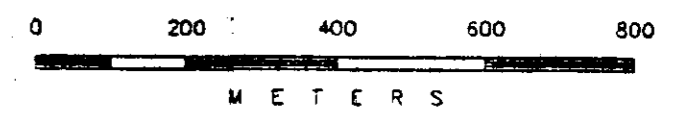
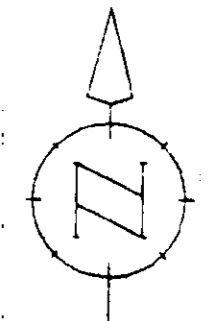
value plotted:  
vertical component - dBz/dt

channels plotted:  
10, 12, 14, 16, 18

scale:  
100 nanoTeslas/sec per cm  
positive values above line

**GEOLOGICAL BRAND'S  
ASSESSMENT REPORT**

**24,223**



INMET MINING CORP.

GOATFELL PROPERTY  
CRESTON, B.C.  
CRONE SURFACE PEM SURVEY  
LOOP COMPILATION MAP  
Z COMPONENT - LATE TIMES

DRAWN BY: jph      DATE: June/95      23  
SCOTT GEOPHYSICS LTD.