

85-35-13475



PLACER DEVELOPMENT LIMITED

GROUND GEOPHYSICS SURVEYS

GOOD HOPE GROUP, CANTY GROUP, HORSEFLY-TERRIER GROUP,

SUNSET GROUP

OSOY00S MINING DIVISION
NTS 82E/5W, 92H/8E

Latitude 49°20', Longitude 120°00'

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,475

Owned By: Good Hope Resources Ltd.
Worked By: Placer Development Limited

R.W. Cannon, P. Eng.

November, 1984

STATEMENT OF EXPENDITURES

Field Expenditures occurred between May 20th, 1984 and Oct. 20th, 1984.

1. Magnetometer and VLF-EM Surveys.

Days Worked

R. Cannon	45 days	@ 340	15,300.00
B. Ott	30 days	@ 260	7,800.00
B. Barde	1 day	@ 255	255.00
H. Goddard	2 days	@ 250	500.00
M. Chan	6 days	@ 127	762.00
G. Adie	6 days	@ 150	900.00
P. Kowalczyk	2 days	@ 375	750.00
	<u>92 days</u>		
		(Salary & Benefits)	\$ 26,267.00

Camp Cost @ \$25 /day/man x 92 \$2,300.00

Equipment Charges

2-G-856 magnetometers @ \$1500 /month/inst 12,000.00
for 4 months. 1500 x 2 x 4

1 Kaypro computer & Plotter @ \$ 360 /month x 4 1,440.00

1 Geonics E.M. - 16 @ \$ 800 /month x 4 3,200.00

Transportation

1-3/4 Chev Suburban @ \$1500 /month x 4 6,000.00

Plotting, Drafting and computer work. during (Oct. & Nov) 16 days @ \$ 275 /day 4,400.00

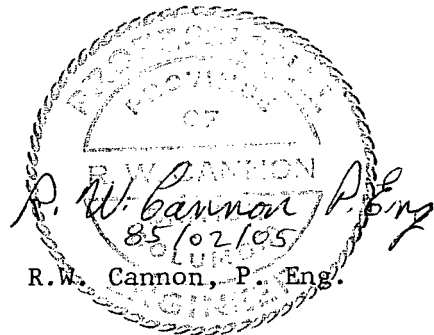
Report Preparation 13 days @ \$ 340 /day 4,420.00
(Oct & Nov)

Total Cost for Mag & VLF \$ 60,027.00

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05/02/05

2. Induced Polarization Survey.

Days worked			
R. Cannon	3 days	@ 340	1020.00
H. Goddard	3 days	@ 250	750.00
B. Ott	3 days	@ 260	780.00
S. Tennant	3 days	@ 395	1185.00
J. Thornton	4.5 days	@ 275	1237.50
B. Young	4.5 days	@ 390	1755.00
B. Rear	4.5 days	@ 127	571.50
P. Pacor	4.5 days	@ 265	1192.50
	<u>30 man days</u>		<u>Salary & Benefits \$8,491.50</u>
Camp cost	@ \$25 /day/man x 30		\$ 750.00
Equipment Charges			
I.P. Gear for 7.5 days	@ \$75 /day		\$ 562.50
Transportation			
1 3/4 T. Chev Suburban	@ \$1500 /month x $\frac{7.5}{30}$		\$ 375.00
Plotting, Drafting	@ \$ 275		\$ 1100.00
4 days			
(Oct & Nov)			
Report preparation	@ \$ 340		\$ 680.00
2 days			
(Oct & Nov)			
TOTAL COST FOR I.P. SURVEY			\$11,959.00



Expenditures per group based on Km surveyed.

Magnetometer and VLF-EM Coverage

Good Hope group (includes York Clms)	78.7 Km.
Horsefly-Terrier group	22.1 Km.
Canty Group	82.6 Km.
Sunset	1.7 Km.
	<hr/>
	185.1 Km.

I.P. Coverage

Good Hope group	1.08 Km.
Horsefly-Terrier group	.92 Km.
Canty Group	3.4 Km.
	<hr/>
	5.40 Km.

Good Hope Group			
Mag & VLF	$\frac{78.7}{185.1} \times 60,027.00$	=	25,522.01
I.P.	$\frac{1.08}{5.4} \times 11,959.00$	=	<u>2,391.80</u>
			\$ 27,913.81
Horsefly-Terrier group.			
Mag & VLF	$\frac{22.1}{185.1} \times 60,027.00$	=	7,166.92
I.P.	$\frac{.92}{5.4} \times 11,959.00$	=	<u>2,037.46</u>
			\$ 9,204.38
Canty group			
Mag & VLF	$\frac{82.6}{185.1} \times 60,027.00$	=	26,786.77
I.P.	$\frac{3.4}{5.4} \times 11,959.00$	=	<u>7,529.74</u>
			\$ 34,316.51
Sunset group			
Mag & VLF	$\frac{1.7}{185.1} \times 60,027.00$	=	\$ 551.30

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 R.W. Cannon, P. Eng.
 85/02/05
 ENGINEER

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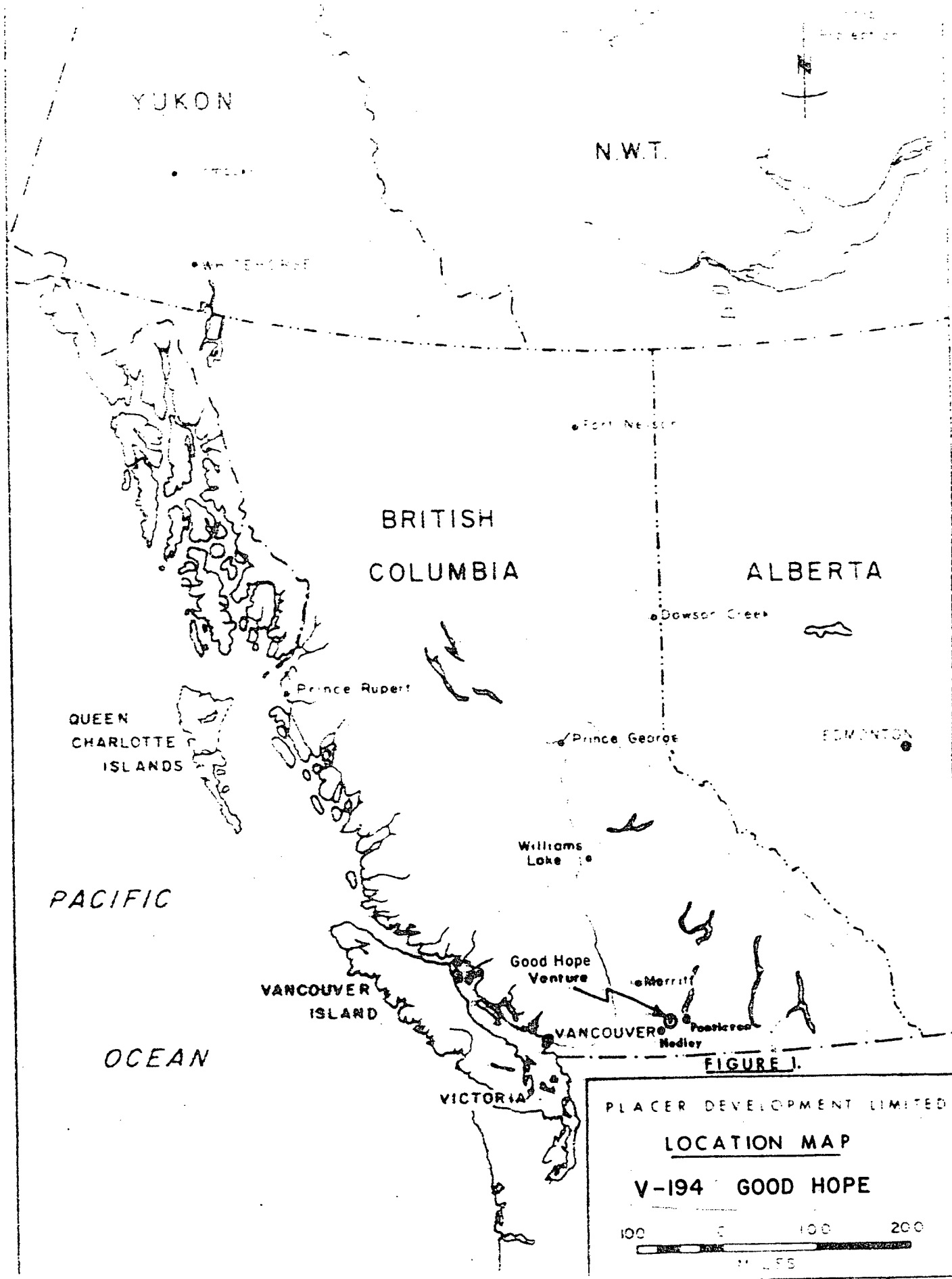
GOOD HOPE RESOURCES - GROUND GEOPHYSICAL SURVEYS

Summary:

A total of 183.4 Km. of lines were flagged as well as 14.8 Km. of baseline cut and flagged. VLF-EM readings were taken at 20 m. stations while the magnetometer readings were at 10 m. intervals. The VLF survey revealed three main conductor strike directions (022°, 035° and 360°) and two subsidiary directions (014° and 047°). Magnetometer survey results were helpful in mapping rock unit boundaries in addition to outlining pyrrhotite rich areas. Known pyrrhotite zones could be traced through areas of overburden cover and several new areas were discovered. The known mineralization at the Canty and Good Hope areas proved to be undetectable by magnetometer and VLF-EM surveys but did show up as I.P. and resistivity anomalies.

Introduction:

It was decided to cover the optioned ground with East-West lines 100 m apart with stations marked every 20 m. Flagging and cutting of these lines and baselines was carried out by Dividend Mountain - Mining, Exploration and Development of Keremeos. Magnetometer and VLF-EM surveys were conducted along these lines as well as geochemical soil sampling and geological mapping. Four main grids were established and are known as: 1) Good Hope, 2) Horsefly-Terrier, 3) Canty and 4) York. The initial work was done on the listed grids from May through August 1984. Some follow-up magnetometer and VLF were done in September through October 1984. In addition to the above follow-up, Induced Polarization (I.P.) and Crone shootback E.M. (CEM) surveys were done on a limited basis. No results of the CEM survey have been presented because of noise problems due to moisture in the equipment.



YUKON

N.W.T.

BRITISH
COLUMBIA

ALBERTA

QUEEN
CHARLOTTE
ISLANDS

PACIFIC

OCEAN

VANCOUVER
ISLAND

VICTORIA

Good Hope
Venture

VANCOUVER

Fort Nelson

Dowson Creek

Prince Rupert

Prince George

EDMONTON

Williams
Lake

Merritt

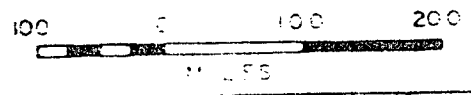
Postkreek
Medley

FIGURE 1.

PLACER DEVELOPMENT LIMITED

LOCATION MAP

V-194 GOOD HOPE



Location and Access

The property is located on the north side of the Similkameen Valley, between Twenty-mile (Hedley) Creek and Winters Creek at an elevation which varied across the property from 1100 m to 2000 m. Access is by means of 2 wheel drive vehicle over a narrow gravel road which joins Highway 3 just east of Hedley, B.C. This road has many switchbacks and therefore access is slow. A better gravel road connects the upper portion of this road to the Apex Alpine Ski resort which is located approximately 10 km to the east of the property (See Figure 1). Many old mining roads and some recent logging roads make access easy throughout the property.

Claim Ownership

A total of 117 claim units, fractions, reverted crown grants and crown grants were optioned by Placer Development Limited from Good Hope Resources Ltd. A detailed summary of the status of these claims is given in Appendix I (see also plate 1).

Geophysical Surveys

VLF-EM and magnetometer surveys were carried out along 183.4 km of line on 4 related grids. A breakdown of the coverage is as follows:

- (1) Good Hope 48.6 Km.
- (2) Horsefly-Terrier 22.1 Km.
- (3) Canty 82.6 Km.
- (4) York 30.1 Km.

The VLF-EM survey was conducted using the transmitting station of Jim Creek (near Seattle), Washington. The direction to the station was 227° , therefore, readings were taken facing azimuth 137° (47° off line) at 20 m. intervals along the lines.

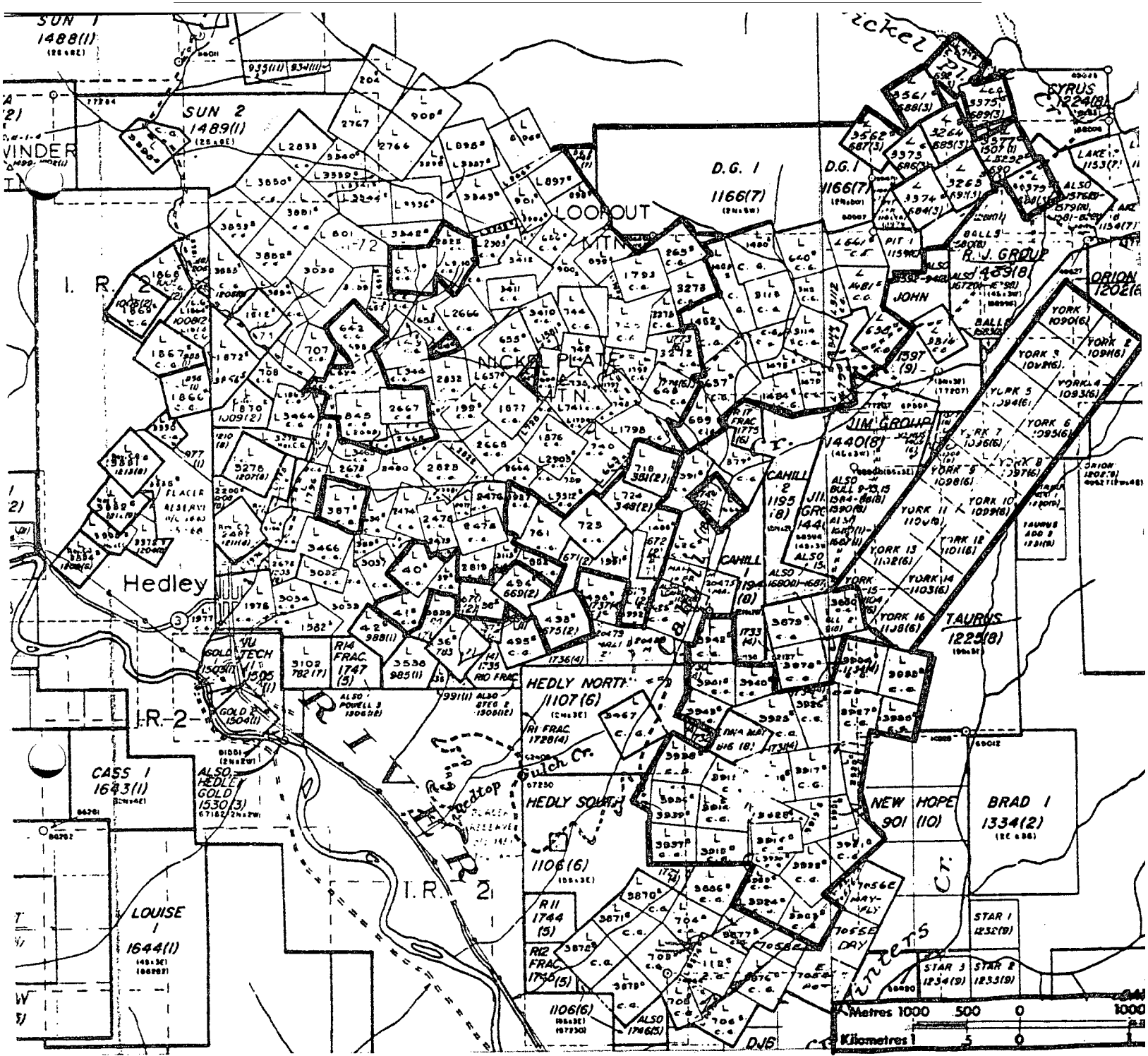


FIGURE 2

GOOD HOPE RESOURCES

CLAIM MAP

Magnetometer readings were taken at 10 m stations and corrections for drift and diurnal changes were made by use of a base station recording magnetometer.

Induced Polarization and Resistivity surveys were conducted as test lines on the Good Hope, Horsefly-Terrier and Canty Grids. Six follow-up lines were run on the Canty Grid.

Equipment Used

The magnetometer survey was conducted using two Geometrics G-856A portable proton magnetometers (memory-mag). One was used in the field mode (Ser.No. 27383) while the other was used in a base station mode (Ser. No. 27382). The internal clocks were synchronized before commencement of the survey and subsequent daily readings were dumped out to floppy disc in a Kaypro II portable computer. The data from the two magnetometers was merged and corrected for instrument and diurnal drift. The corrected results were plotted as field profiles and also stored on disc. for eventual transfer to a Univac 1108 for final plotting.

The VLF-EM survey employed a Geonics EM-16 (Ser. No. 8403009) which used the Jim Creek transmitting station (NLK) with frequency 24.8 KHz. Test lines were also run using the Geonics EM-16R (Ser. No. 8403005) for resistivity measurements. VLF readings were also entered onto floppy disc in a Kaypro II computer and field profiles of In-phase, Quadrature and Fraser Filter data were plotted. The stored data was transferred to a Univac 1108 for final processing and plotting.

The I.P. survey used the McPhar P-660 I.P. unit and employed frequencies of 0.3 and 5.0 Hz. A dipole-dipole configuration with 40 m. dipoles and separations of $N= 1,2$ and 3 was used.

Survey Results

The magnetometer survey results were plotted as plan maps of posted data as well as stacked profiles at a scale of 1:5000 (See plates in folder at back of report).

The VLF-EM survey results were plotted as stacked In-phase and Quadrature profiles on plan maps. In addition, contoured Fraser-filter results shown as plan maps of posted data are also presented (scale 1:5000). The Fraser-filter data was calculated as per the method put forth by D.C. Fraser (1969, Contouring of VLF-EM data: Geophysics, v. 34, p.958-967). See plates in the folder at the back of report.

VLF-EM16R results for the test lines on the Canty area are presented in Appendix II.

I.P. results are presented in a contoured profile form in Appendix III.

Discussion of Results

Good Hope Area

A total of 48.6 km of line was surveyed using both magnetometer and EM-16. Two coincident mag-VLF anomalies were detected as follows:

- (1) L11300N, 5000E to L11500N, 4970E
- (2) L11200N, 5170E to L11600N, 5430E

Also a parallel set of Mag-VLF anomalies is located at L10300N to L10500N at 5110E with the magnetic anomaly being 50 m west of this location. Numerous VLF conductors were detected which had predominant strike directions of 022°, 035°, and 360°.

The magnetometer results show several narrow magnetic spikes typical of a dyke response, while the majority of the area is magnetically flat. The intrusive mapped in the NE corner of the grid and a sill-like intrusive located in the SW corner of the grid show more pronounced magnetic effects and were outlined by this survey.

There was a significant lack of anomalous magnetic or VLF-EM response from the area in and around the known mineralization.

Two I.P. lines were run to cover the known mineralization, one N-S and the other E-W, and they were centered at L11200N, 5520E. Line 11200N revealed a zone of high resistivity (1000-3000 ohm-m) and PFE's >3x background (2.1% opposed to 0.5%-0.8%) between stations 5360E and 5560E. Similar anomalies were obtained on Line 5520E between stations 11000N and 11260N.

Horsefly-Terrier Area

A total of 22.1 Km. of line was surveyed using both ground magnetometer and VLF-EM. Numerous VLF conductors were detected with strike directions of 002°, 018°, 035° and 047°. The area underlain by pyrrhotite rich hornblende porphyry is quite magnetic and the data obtained was noisy as a result. The extreme NE corner of the grid contains two intersecting VLF-EM conductors with coincident gold, copper and arsenic soil geochemical anomalies.

Two lines of I.P. were run and anomalous PFE's (up to 5x background) were detected as listed:

- (1) L14400N from 4200E to the west and from 4380E to the east.
- (2) L14300N from 4160E to the west.

The western anomalies on these lines correspond to where a break in the geochem anomalies occurs.

Canty Area

A total of 82.6 Km. of line was surveyed by ground magnetometer and VLF-EM. Four prominent VLF conductor directions were detected and they are 014°, 023°, 036° and 358°. The magnetometer survey proved useful in defining the limits of several rock units. There appears to be no relationship between the known mineralization and the detected VLF-EM or magnetic anomalies.

The above mineralized zone was tested with 7 lines of I.P. and did respond with PFE's of 2 to 3x background and high resistivities of up to 4500 ohm-m. A second zone, east and south of the Canty, was detected by the I.P. survey.

York Area

Magnetometer and VLF-EM surveys covered 30.1 km of line of this grid. The strike of the main conductors is 020° and 032°. Several good coincident magnetic and VLF-EM anomalies were detected, some of which correlate with massive pyrrhotite zones. The most interesting anomalies obtained were as follows:

- (1) L14400N, 7440E to L14500N, 7500E
- (2) L14500N, 7610E to L14700N, 76500E
- (3) L14900N, 7770E
- (4) L15000N, 7950E
- (5) L15100N, 8100E

Conclusions and Recommendations

It was concluded that the VLF-EM and magnetometer surveys were of use as an aid to geologic mapping and also for locating new pyrrhotite zones. The I.P. method proved most useful in outlining the two known areas of mineralization. Therefore it is recommended that areas of coincident magnetic and E.M. anomalies be checked with I.P. Also, all Cu-As-Au geochem anomalies should be checked with limited I.P. surveys. Diamond drilling of the new zone detected near the Canty is recommended as a first priority target.

R. W. Cannon P. Eng
R. Cannon



RC/cs

Attachment

11:05:84

STATEMENT OF QUALIFICATIONS

I, Richard W. Cannon, of the City of Vancouver, Province of British Columbia, hereby certify as follows:

1. I am a graduate of the University of British Columbia where I received a B.A. Sc. in Geological Engineering (Geophysics Option) in May 1966.
2. I am a member of the Association of Professional Engineers of British Columbia and have been so since 1968. Registration No. 6742.
3. I am a member of the Canadian Institute of Mining and Metallurgy, Society of Exploration Geophysicists, and B.C. Geophysical Society.
4. I have practised my profession since 1966.



APPENDIX I

PROPERTY HOLDINGS

<u>Claim Name</u>	<u>Lot</u>
Somerset	39"s"
Fairy Queen	40"s"
Florence	650"s"
Zerust	654"s"
Kitty Fractional	910"s"
Lions Paw	642
Midnight Sun	2825
Lorenia	694
Copper World Fraction Fractional	695
Galena	2667
Toronto 2	2668
Reno	845
Terrier	761
Pinnacle	41"s"
Oro Plata	387"s"
Bones Fractional	2669
Leslie Fraction	1863"s"
Jack Pine	637"s"
California	638"s"
Blue Grouse Fraction Fractional	639"s"
Specultor	640"s"
Skipper Fractional	641"s"
Mascot Fractional	642"s"
Good View	659
Deadwood	1478"s"
Last Change	1479"s"
Avoca	1480"s"
Last Chance Fraction	1481"s"
Primrose Fractional	1482"s"
Summit Fractional	1483"s"
Goodview Fraction	1484"s"
Boston	3112
Pittsburgh	3113
Greenwood	3114
Horsefly	1927

PROPERTY HOLDINGS (continued)

<u>Claim Name</u>	<u>Lot</u>
Nighthawk No. 2	3913"s"
Nighthawk No. 4	3914"s"
Nighthawk No. 6	3915"s"
Nighthawk No. 7	3928"s"
Nighthawk No. 8	3916"s"
Nighthawk No. 10	3920"s"
Nighthawk No. 11	3921"s"
Nighthawk No. 12	3922"s"
Nighthawk No. 13	3923"s"
Nighthawk No. 14	3924"s"
Nighthawk No. 15 Fraction	3929"s"
Nighthawk No. 16 Fraction	3930"s"
Good Hope No. 1	3917"s"
Good Hope No. 2	3918"s"
Good Hope No. 3 Fraction	3919"s"
Good Hope No. 4 Fraction	3931"s"
No. 1 Star	3938"s"
No. 2 Star	3936"s"
No. 3 Star	3937"s"
Star M.C. No. 4	3939"s"
Sunny Fraction	3935"s"
Royal Fraction	3926"s"
Crown Fraction	3927"s"
Tungsten Lode No. 1	3933"s"
Tungsten Lode No. 2	3934"s"
Tungsten Lode Fraction	3925"s"
Strike No. 1	3940"s"
Strike No. 5	3941"s"
Strike No. 6	3942"s"
Cabin No. 2	3943"s"
Coldspring	723

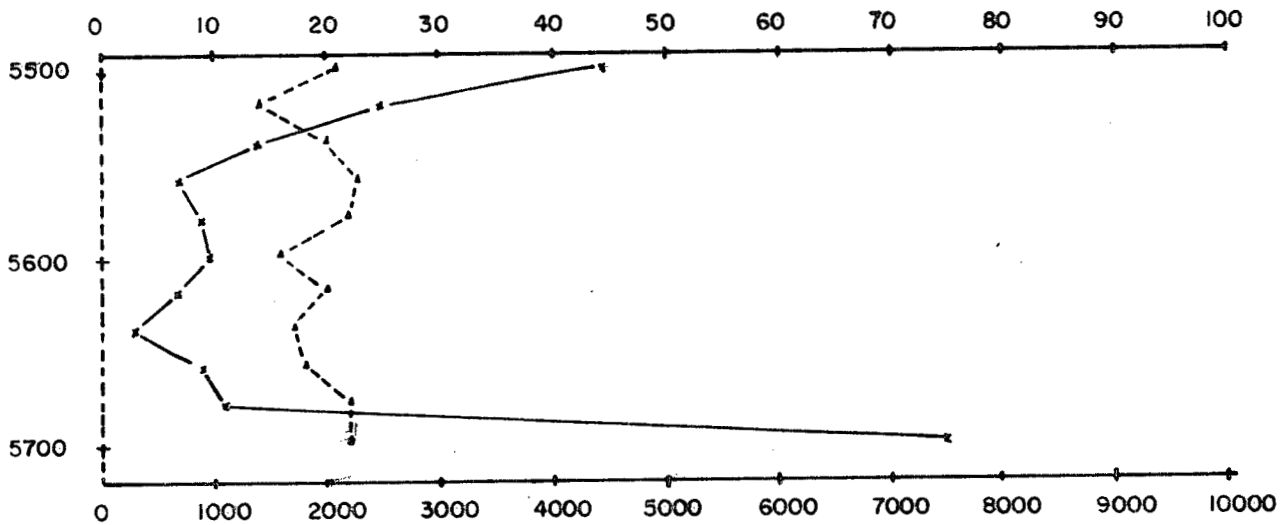
<u>Claim Name</u>	<u>Record No.</u>	<u>Expiry Date</u>
Cabin #3 Fractional	669	February 21, 1989
Castle Fraction	670	February 21, 1989
Cree Fraction	671	February 21, 1989
Cyclone Fraction	672	February 21, 1989
Den Fraction	673	February 21, 1989
Sunset	674	February 21, 1985
Union Jack	675	February 21, 1989
Silverside	351	February 20, 1988
Ironsides	348	February 20, 1988
Bonar	683	March 21, 1991
Golden Glen	684	March 21, 1991
Golden Mabe	685	March 21, 1991
Hughes Gold Mountain	686	March 21, 1991
Lucky Jimmie	687	March 21, 1991
Lucky Jr.	688	March 21, 1991
MC's Ruby	689	March 21, 1991
Nickle Plater	690	March 21, 1991
Paymaster	691	March 21, 1991
Vancouver Jubilee	692	March 21, 1991
York 1 to 16 incl.	1090 to 1105 incl.	June 17, 1991
Pit No. 1	1159	June 30, 1991
Pit No. 1 Fractional	1160	June 30, 1991
Edna May	816	August 22, 1990
D.G. #1	1166	July 17, 1985
D.G. #1 Fractional	1167	July 17, 1985
D.G. #2	1168	July 17, 1985
D.G. #2 Fractional	1169	July 17, 1985

APPENDIX II

PLACER DEVELOPMENT LIMITED
EM-16R TRIAL DATA
L158 N CANTY GRID

HAWAII Aug. 23/84

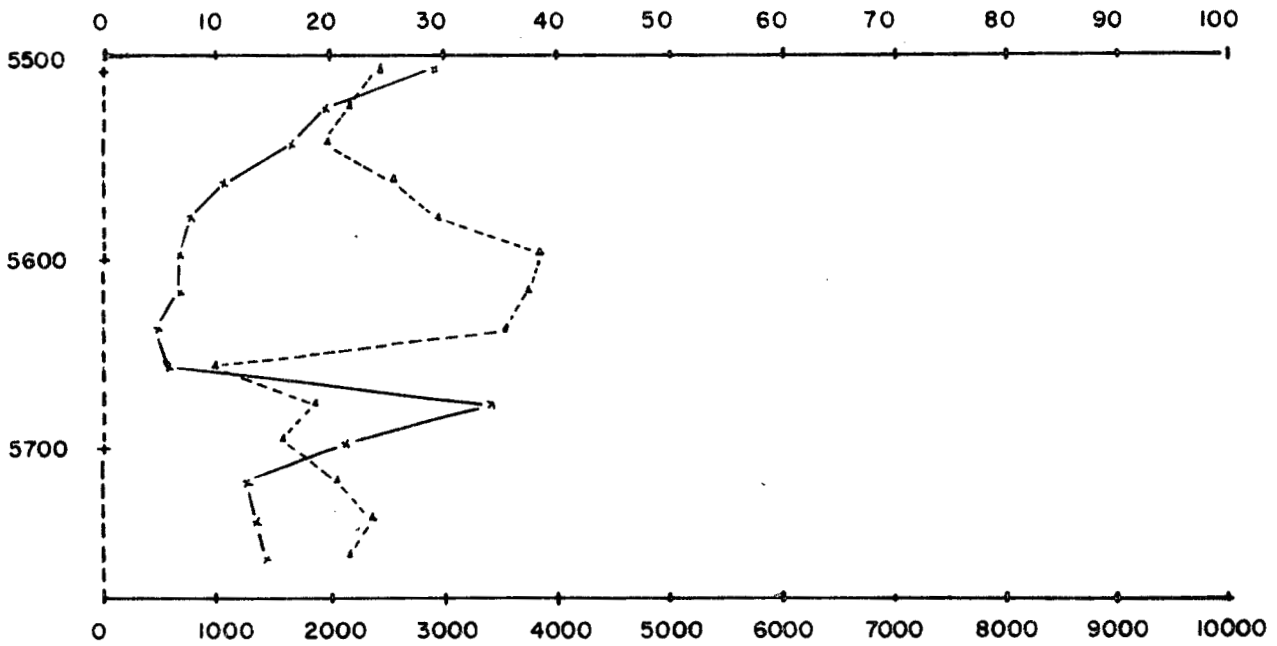
RESISTIVITY - - - - -
PHASE ANGLE - - - - -



PLACER DEVELOPMENT LIMITED
EM-16R TRIAL DATA
LI59 N CANTY GRID

HAWAII Aug. 23/84

RESISTIVITY - x - - - - x - - - -
PHASE ANGLE - - - - - ▲ - - - - -

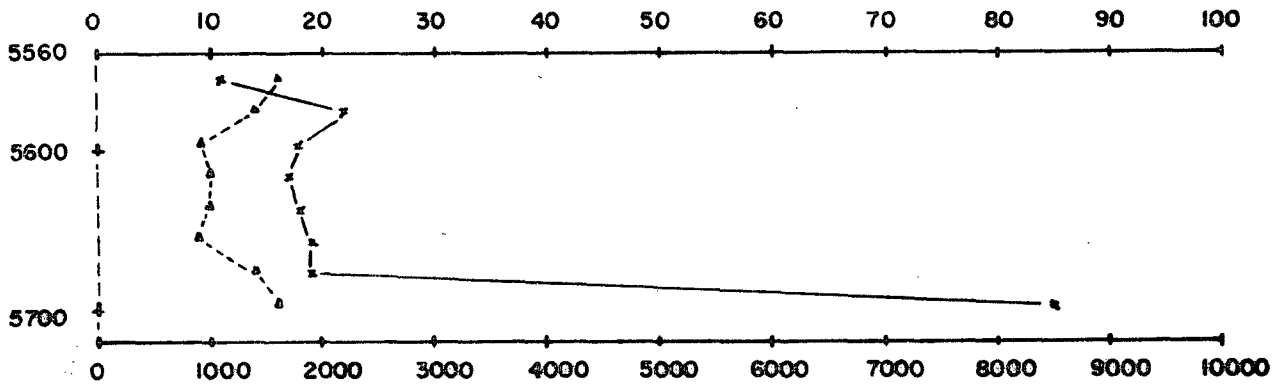


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PLACER DEVELOPMENT LIMITED
EM-16R TRIAL DATA
L158N CANTY GRID

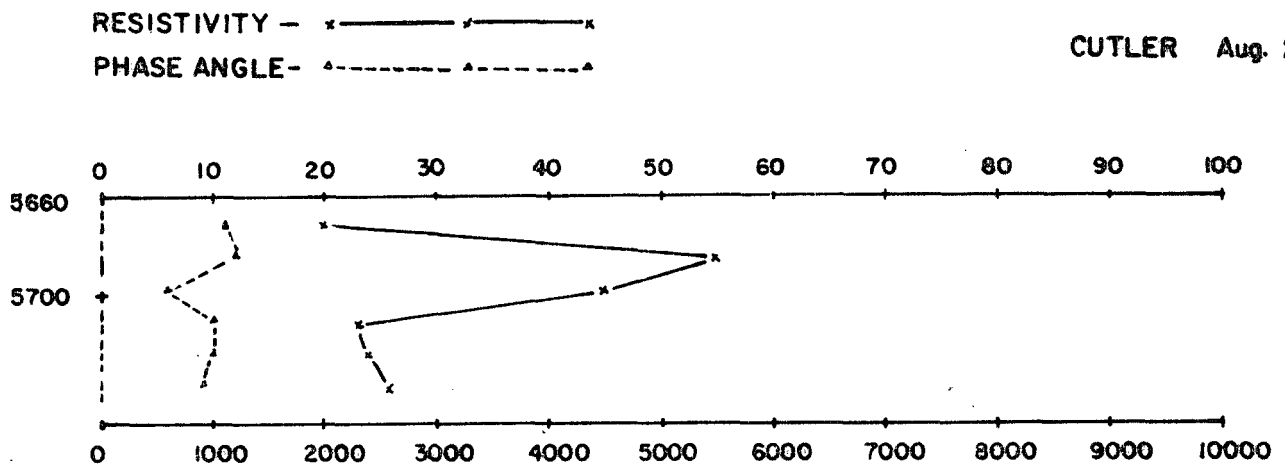
RESISTIVITY - ————
PHASE ANGLE - - - - -

CUTLER Aug. 23/84

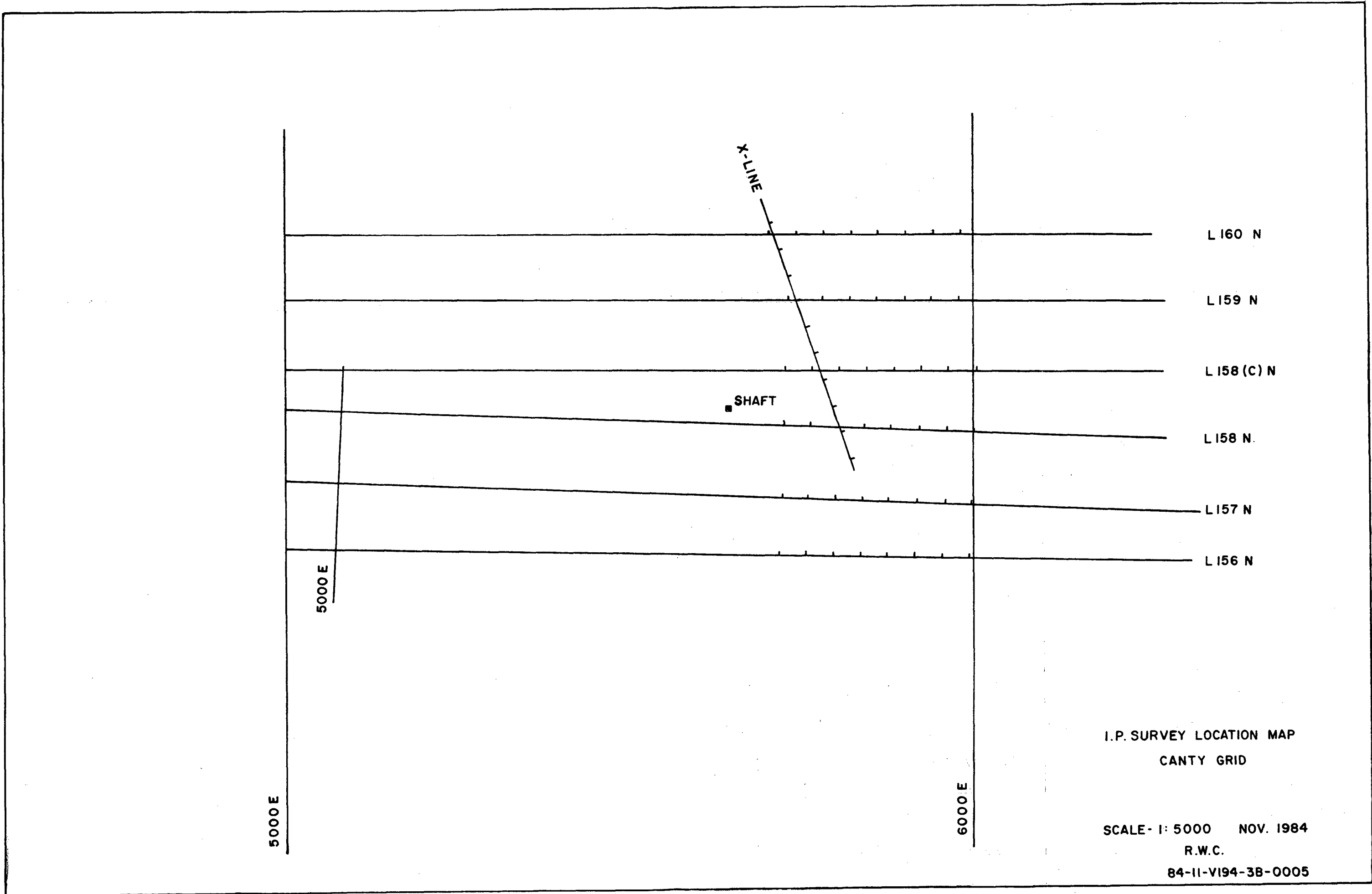


PLACER DEVELOPMENT LIMITED
EM-16R TRIAL DATA
L159 N CANTY GRID

CUTLER Aug. 23/84



APPENDIX III

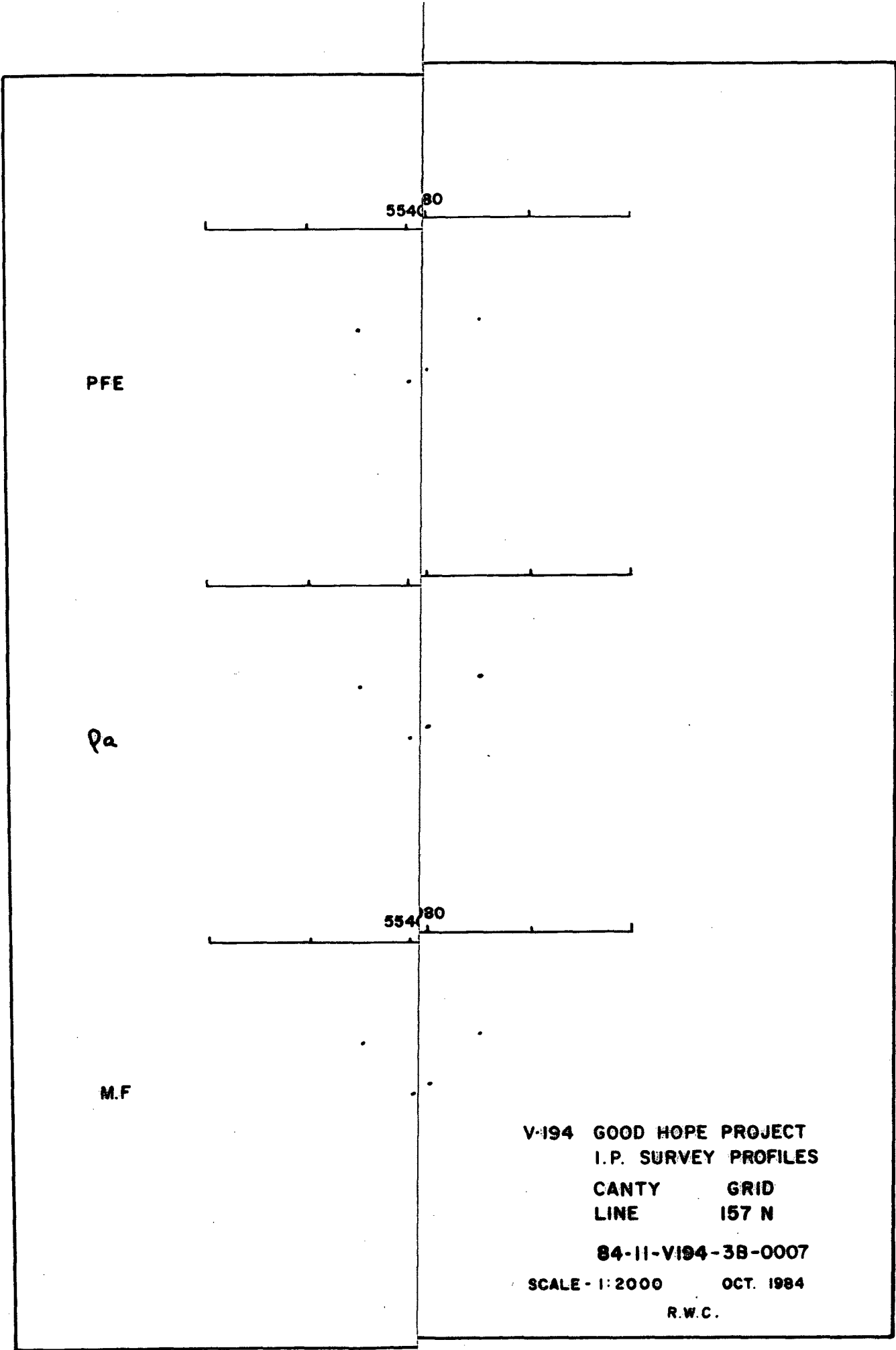


I.P. SURVEY LOCATION MAP
CANTY GRID

SCALE- 1: 5000 NOV. 1984

R.W.C.

84-11-V194-3B-0005



PFE

Pa

M.F

55480

55480

V-194 GOOD HOPE PROJECT
I.P. SURVEY PROFILES
CANTY GRID
LINE 157 N
84-11-V194-3B-0007
SCALE - 1:2000 OCT. 1984
R.W.C.

PFE

5540 5580

Pa

5540 5580

M.F.

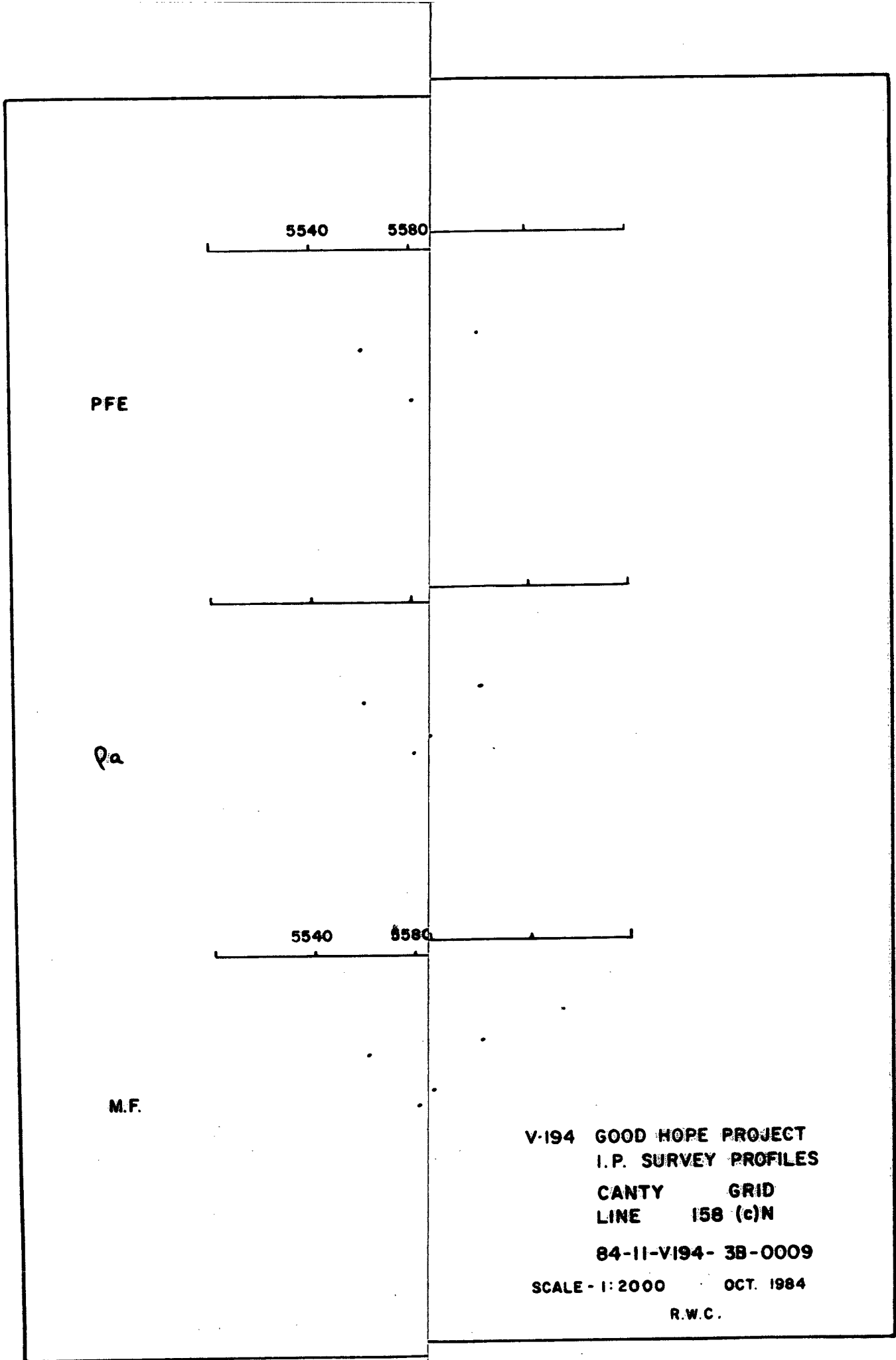
V-194 GOOD HOPE PROJECT
I.P. SURVEY PROFILES

CANTY GRID
LINE 158 N

84-II-VI94-3B-0008

SCALE - 1:2000 OCT. 1984

R.W.C.



5540

5580

PFE

Pa

5540

5580

M.F.

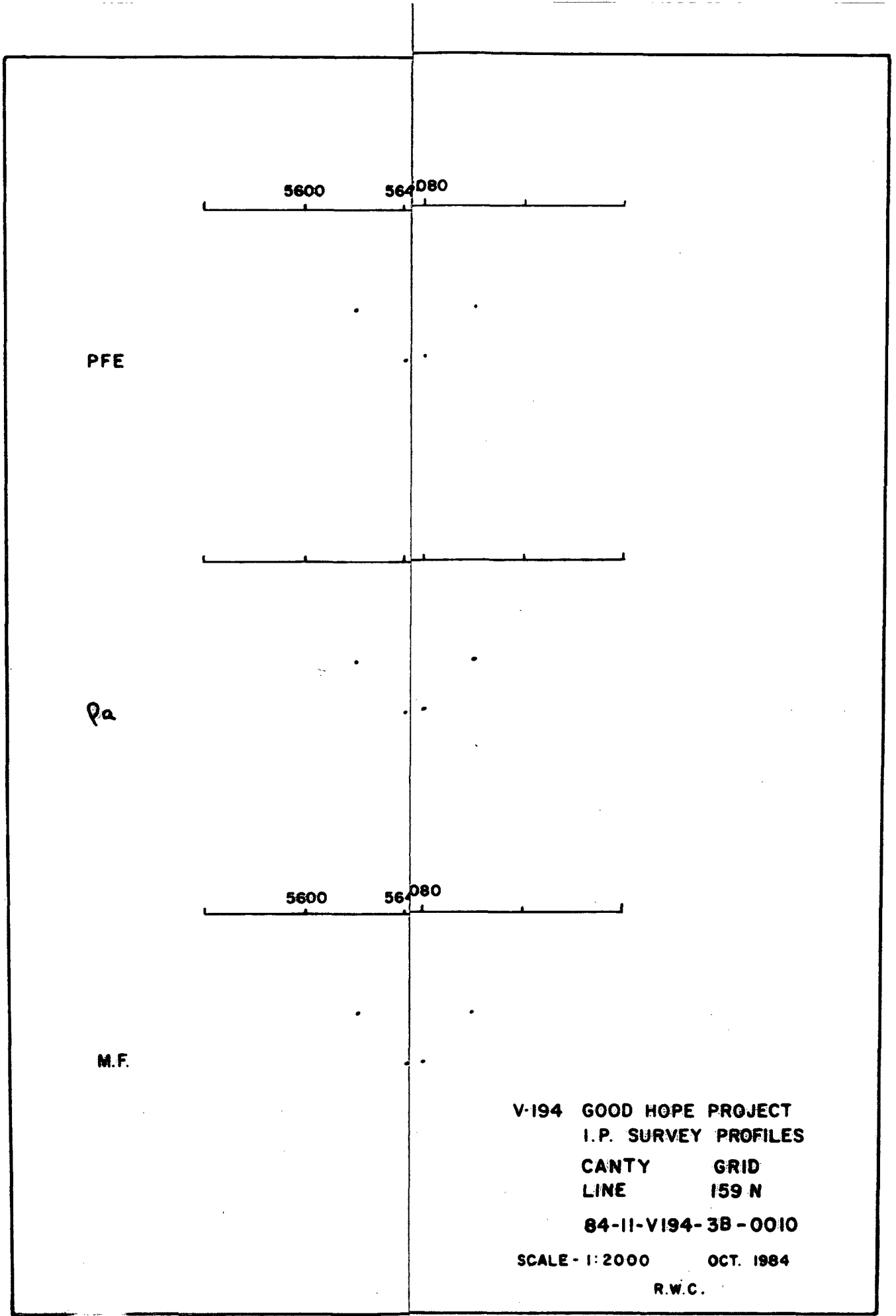
V-194 GOOD HOPE PROJECT
I.P. SURVEY PROFILES

CANTY GRID
LINE 158 (c)N

84-11-V194- 3B-0009

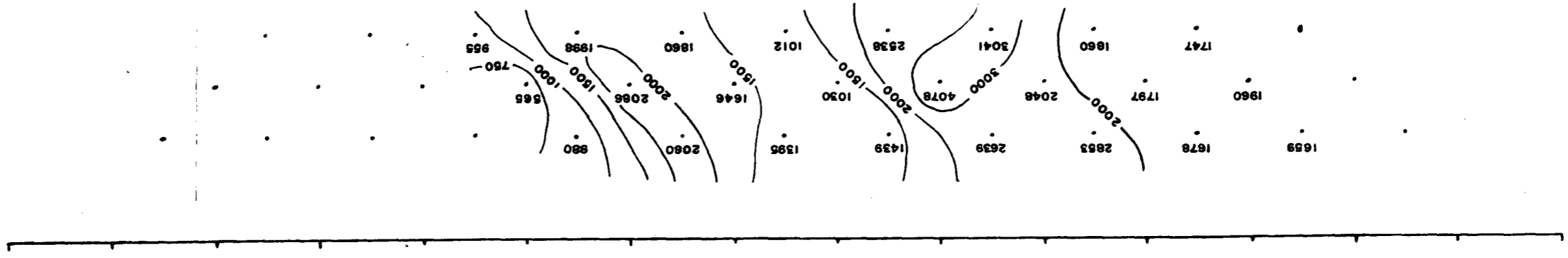
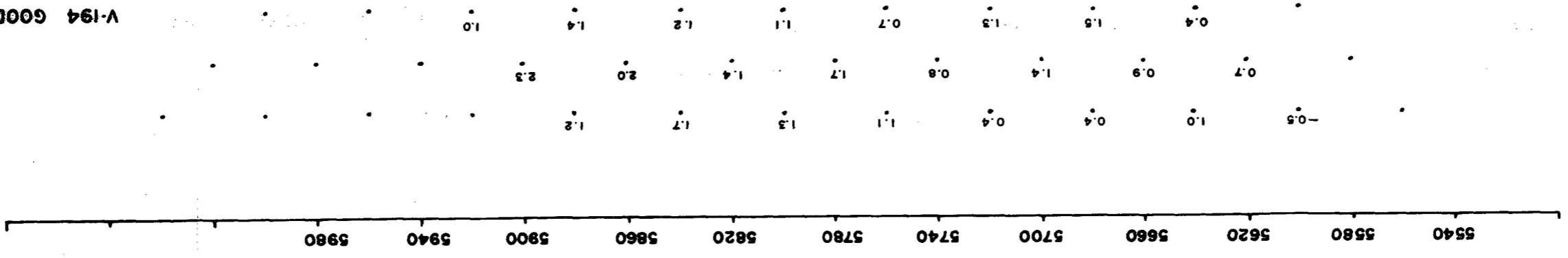
SCALE - 1:2000 OCT. 1984

R.W.C.



V-194 GOOD HOPE PROJECT
I.P. SURVEY PROFILES
CANTY GRID
LINE 159 N
84-11-V194-3B-0010
SCALE - 1:2000 OCT. 1984
R.W.C.

V-194 GOOD HOPE PROJECT
 I.P. SURVEY PROFILES
 CANTY GRID
 LINE 158 N
 84-11-V194-3B-0008
 SCALE - 1:2000
 OCT. 1984
 R.W.C.

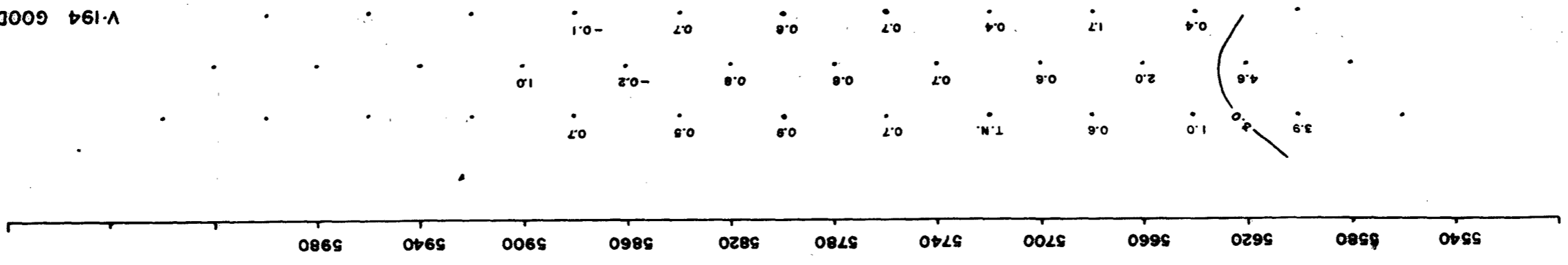


M.F.

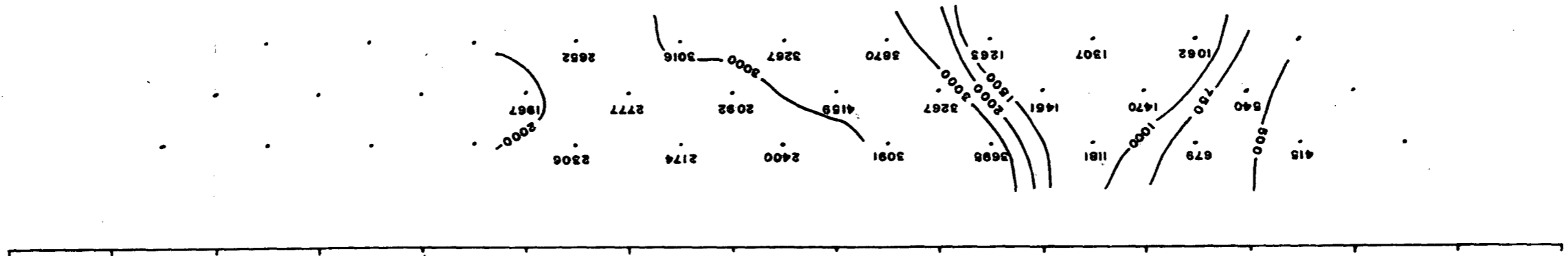
P.F.E.

P.F.E.

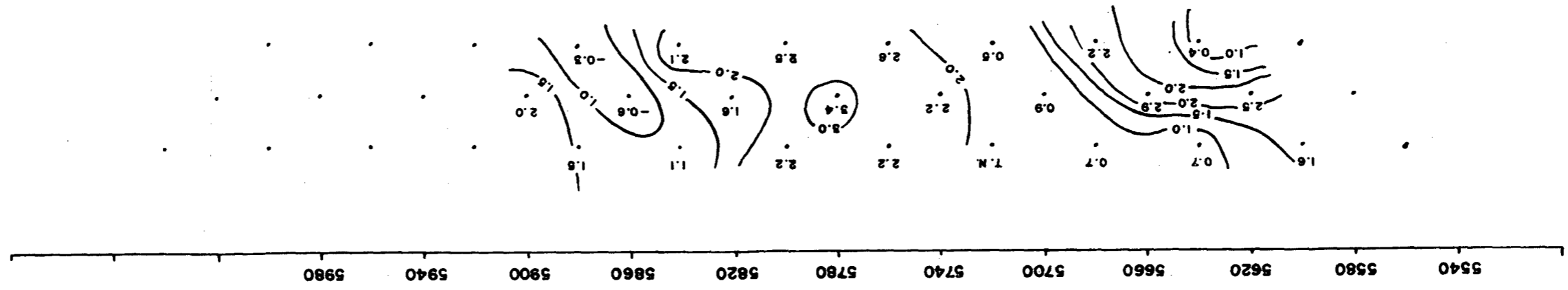
V-194 GOOD HOPE PROJECT
 I.P. SURVEY PROFILES
 CANTY GRID
 LINE 156 (c)N
 84-11-V194-38-0009
 SCALE - 1:2000
 OCT. 1984
 R.W.C.



M.F.

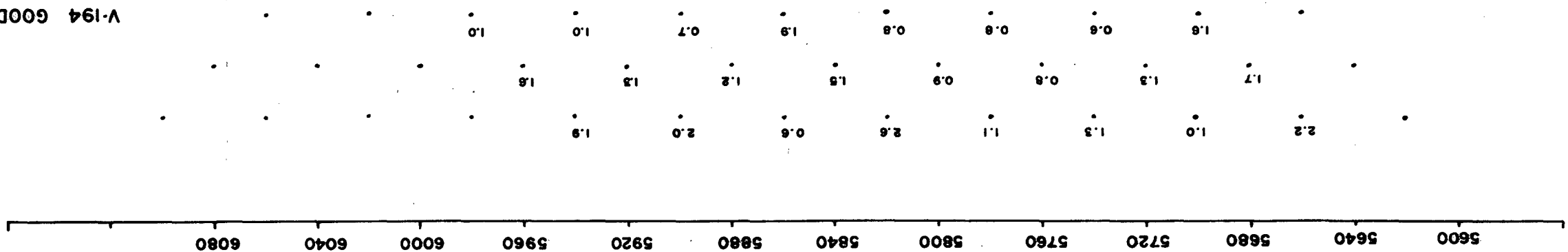


P.F.

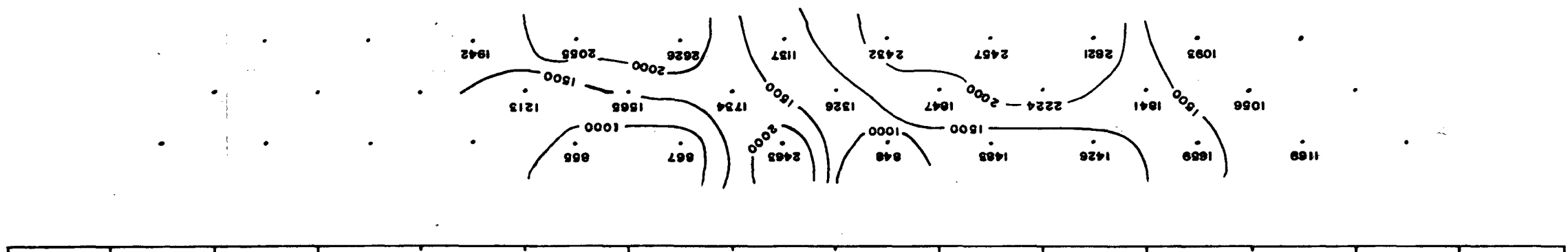


P.F.E.

V-194 GOOD HOPE PROJECT
 I.P. SURVEY PROFILES
 CANTY GRID
 LINE 159 N
 84-II-V194-3B-0010
 SCALE - 1:2000
 OCT. 1984
 R.W.C.

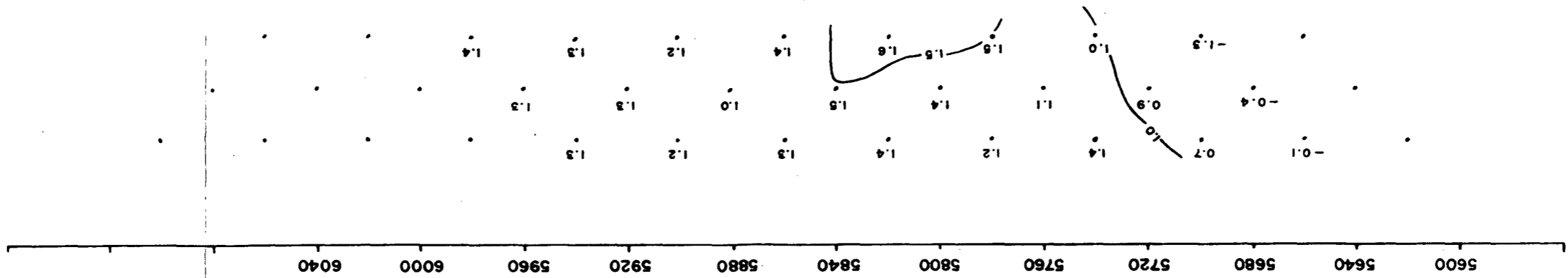
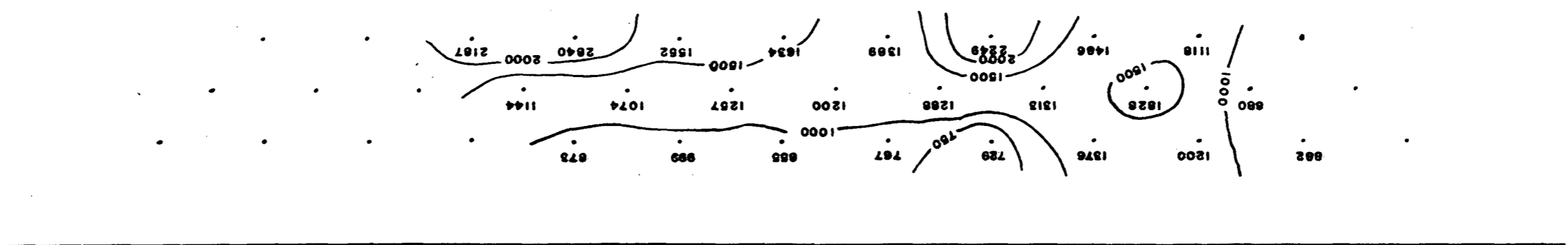
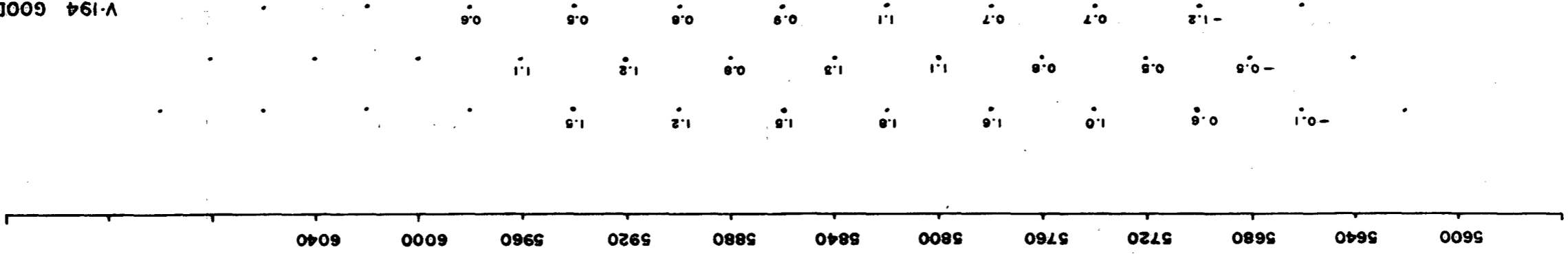


M.F.

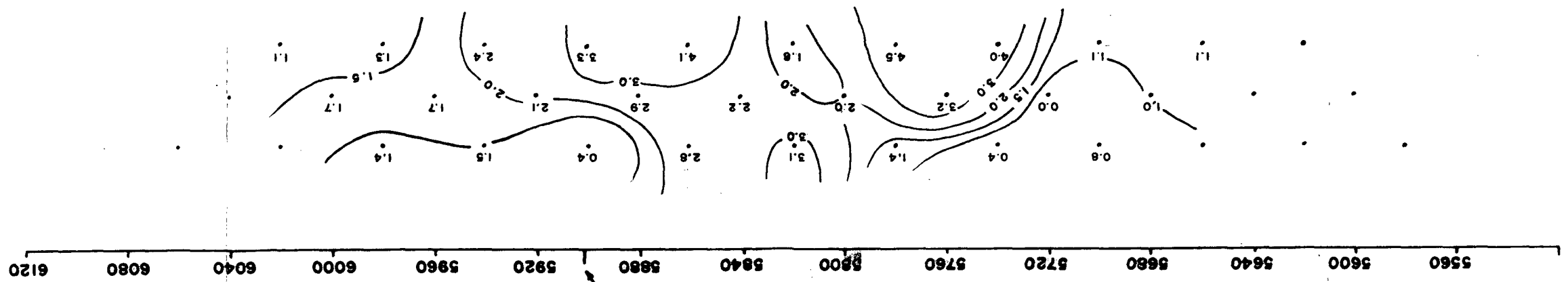
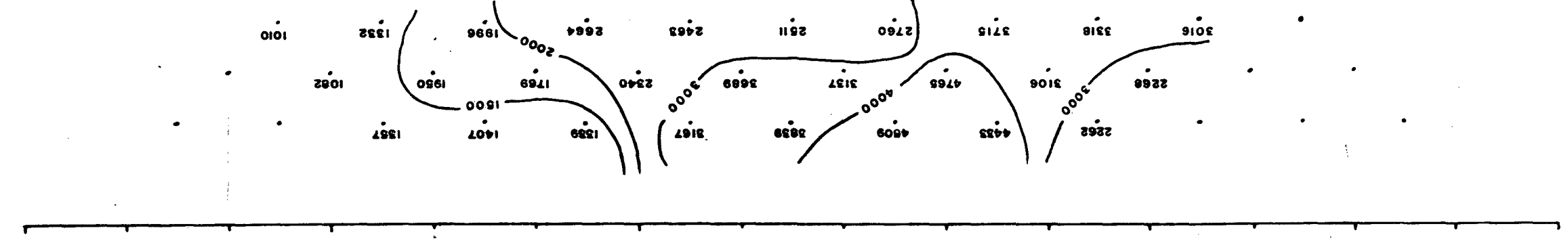
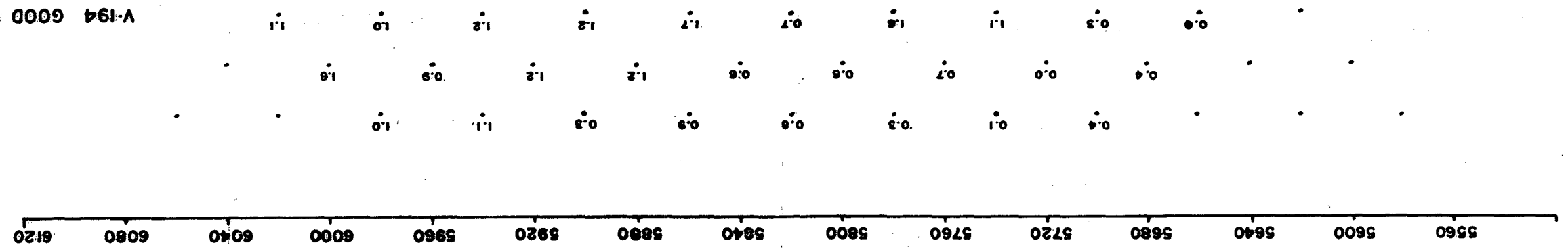


P.F.

V-194 GOOD HOPE PROJECT
I.P. SURVEY PROFILES
CANTY GRID
LINE 160 N
84-11-V194-3B-0011
SCALE - 1:2000
OCT 1984
R.W.C.

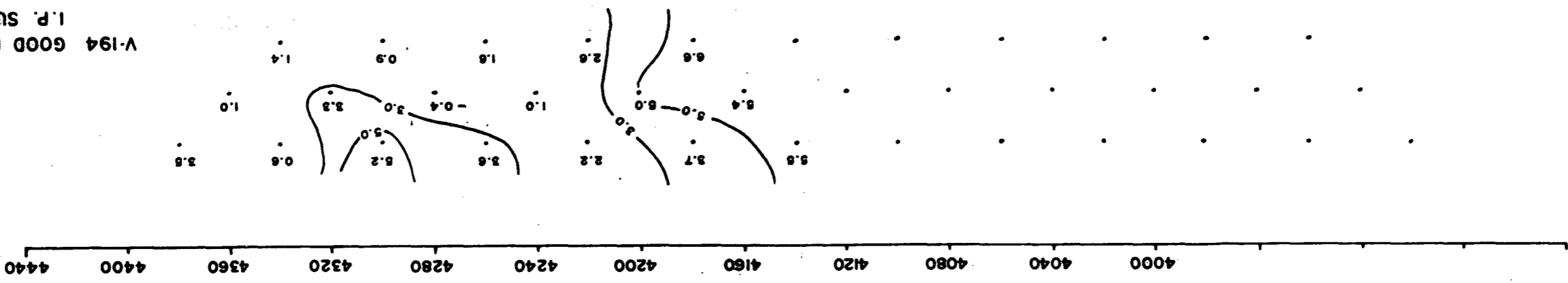


V-194 GOOD HOPE PROJECT
 I.P. SURVEY PROFILES
 CANTY GRID
 LINE X
 84-11-V194-3B-0012
 SCALE - 1:2000 OCT. 1984
 R.W.C.

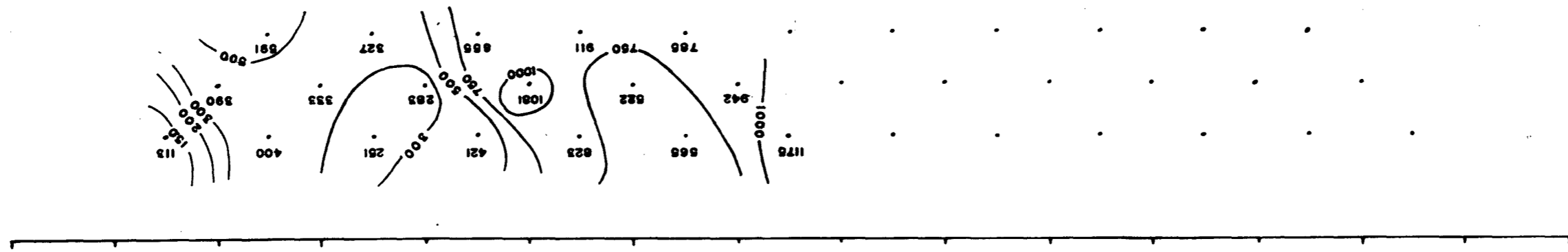


Chained from
 L159 N

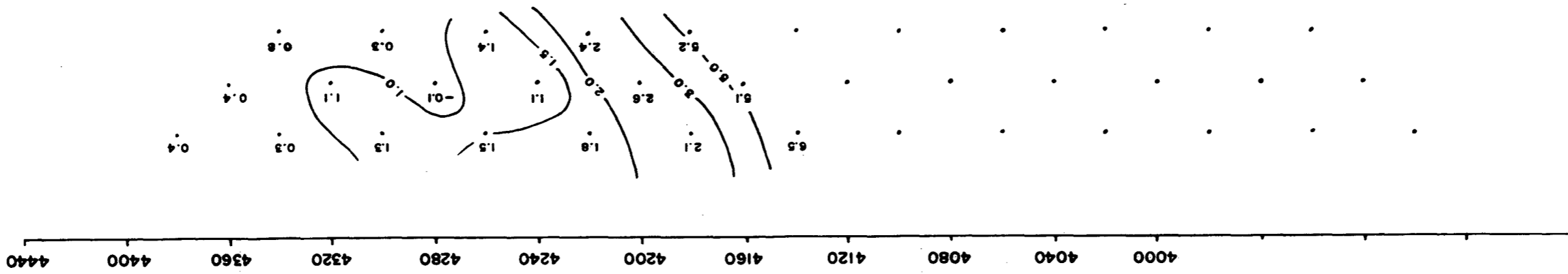
V-194 GOOD HOPE PROJECT
I.P. SURVEY PROFILES
HORSEFLY GRID
LINE 143 N
84-11-V194-38-0013
SCALE - 1:2000 OCT. 1984
R.W.C.



M.F

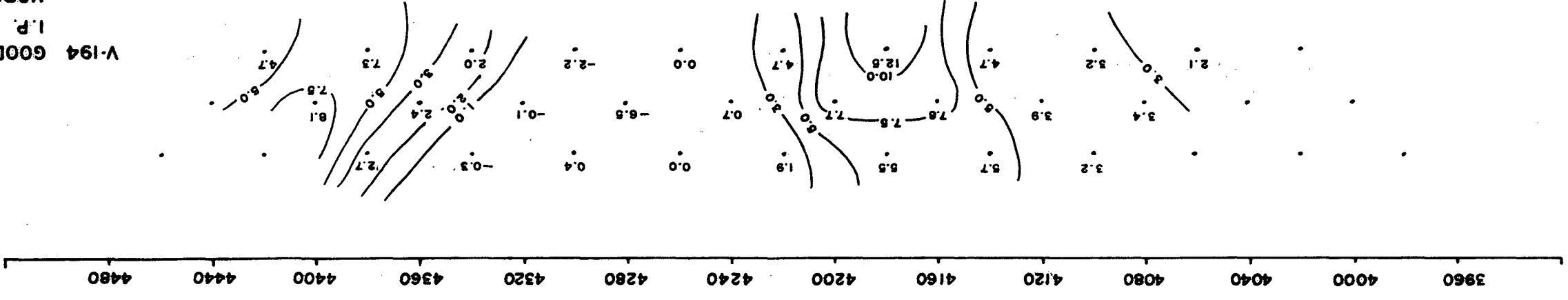


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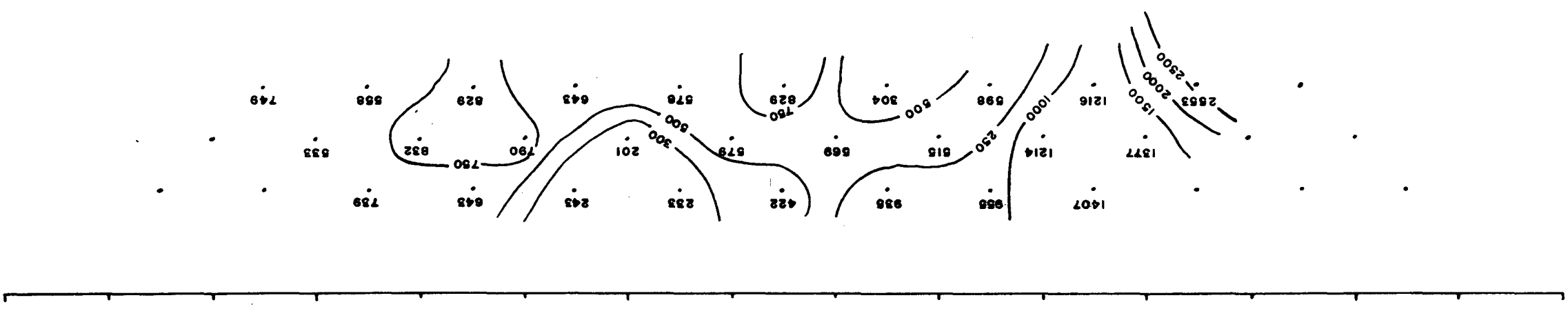


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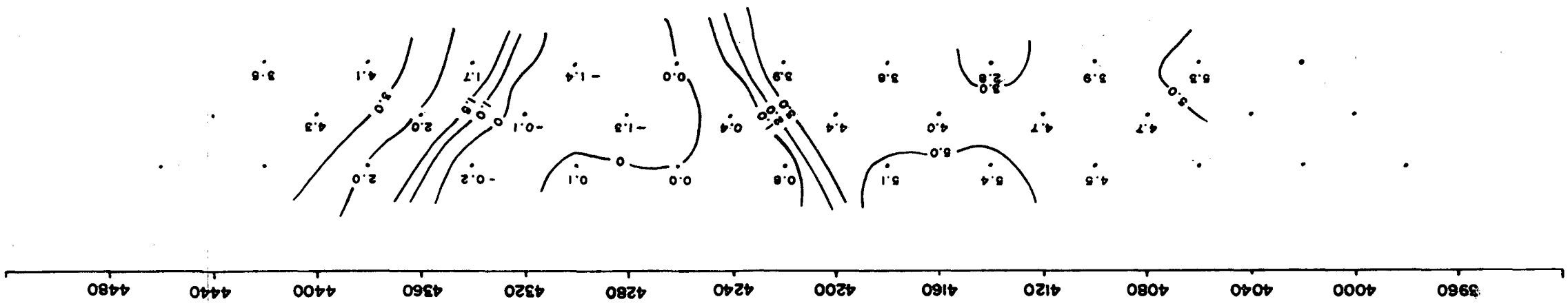
V-194 GOOD HOPE PROJECT
 I.P. SURVEY PROFILES
 HORSEFLY GRID
 LINE 144 N
 84-11-V194-38-0014
 SCALE - 1:2000
 OCT. 1984
 R.W.C.



M.F.



P.F.

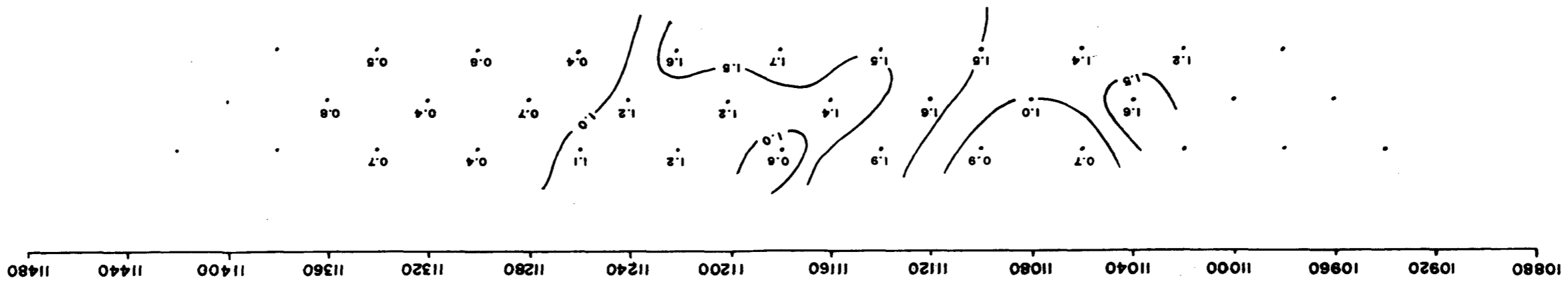
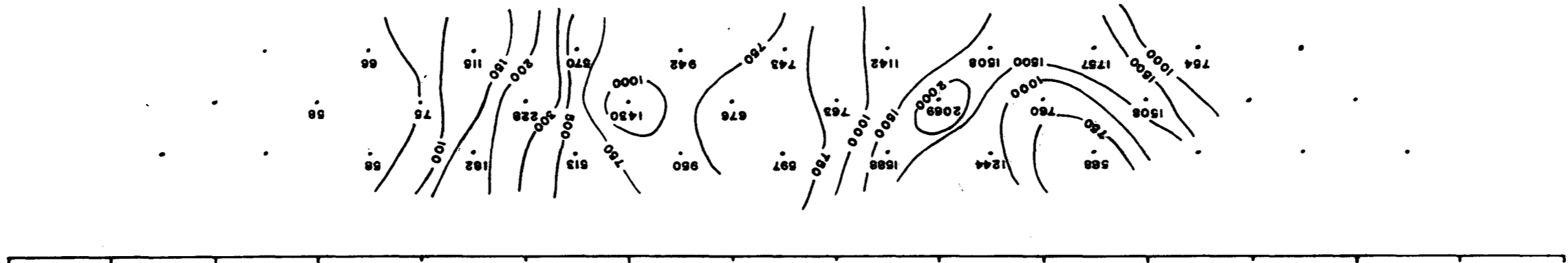
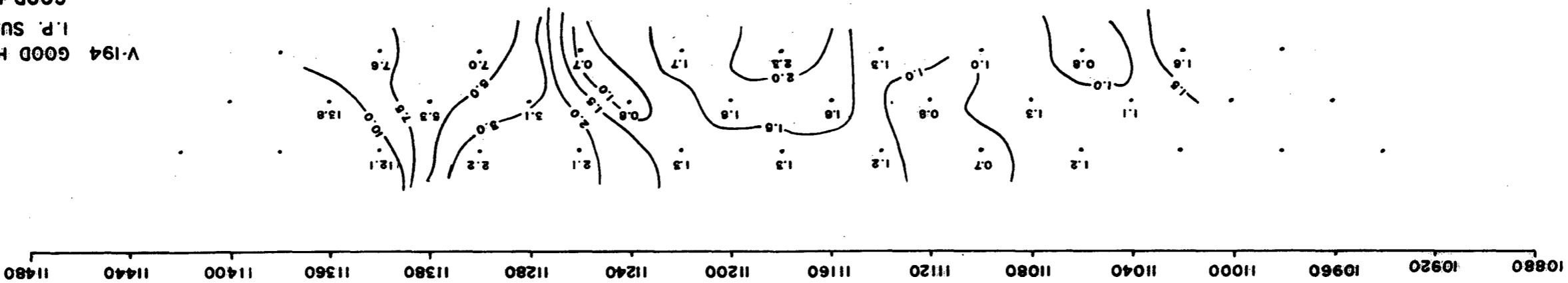


P.F.E.

M.F

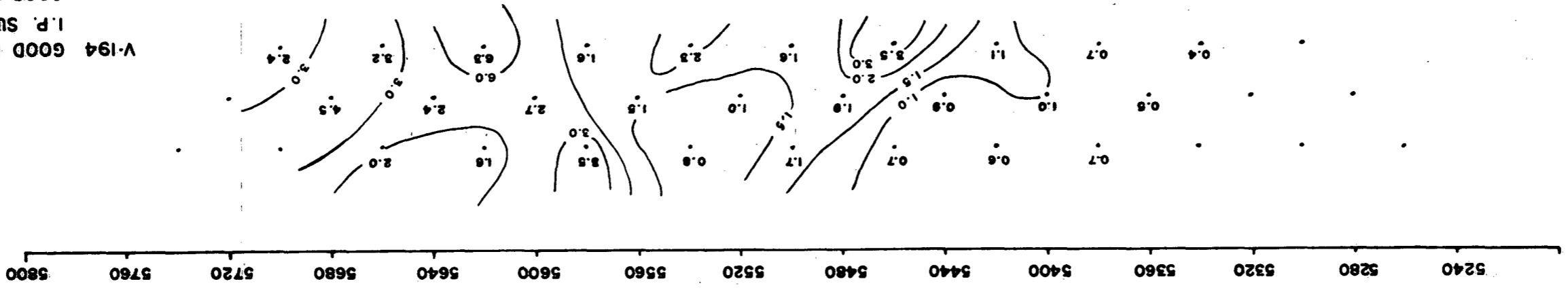
Pa

PFE

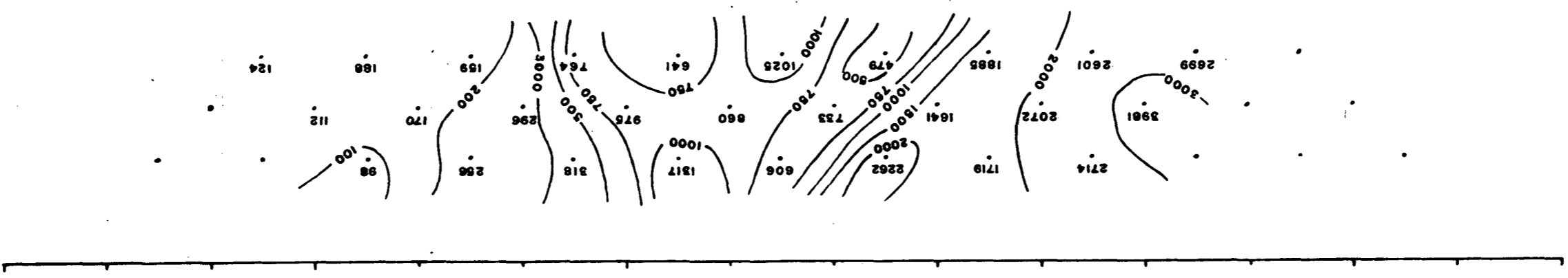


V-194 GOOD HOPE PROJECT
I.P. SURVEY PROFILES
GOOD HOPE GRID
LINE 5520E
84-11-V194-3B-0015
SCALE - 1:2000 OCT. 1984
R.W.C.

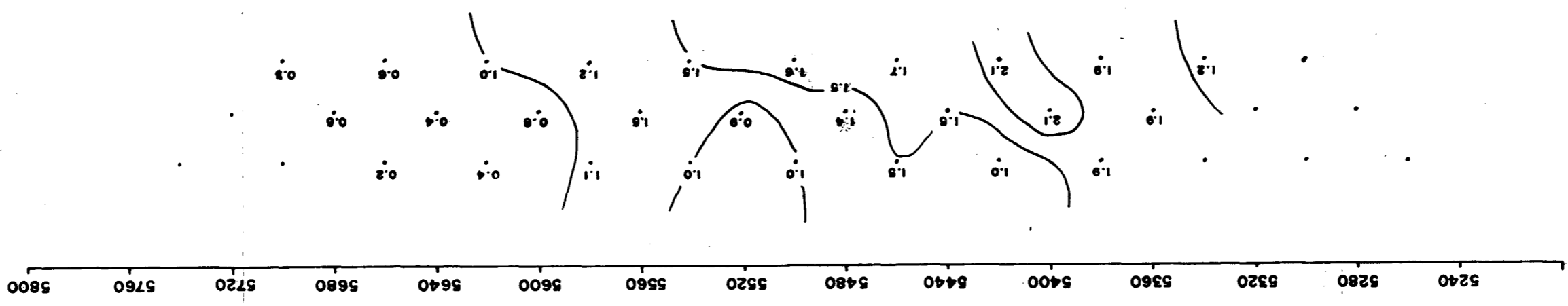
V-194 GOOD HOPE PROJECT
 I.P. SURVEY PROFILES
 GOOD HOPE GRID
 LINE 112 N
 84-11-V194-3B-0016
 SCALE - 1:2000 OCT. 1984
 R.W.C.



M.F.



P.F.



P.F.E.

APPENDIX IV

Sunset Grid

During the last week of September 1984, three kilometers of line on the Sunset grid (1.7 km) and the lower part of the Canty grid (1.3 km) were covered with VLF-EM and ground magnetometer surveys.

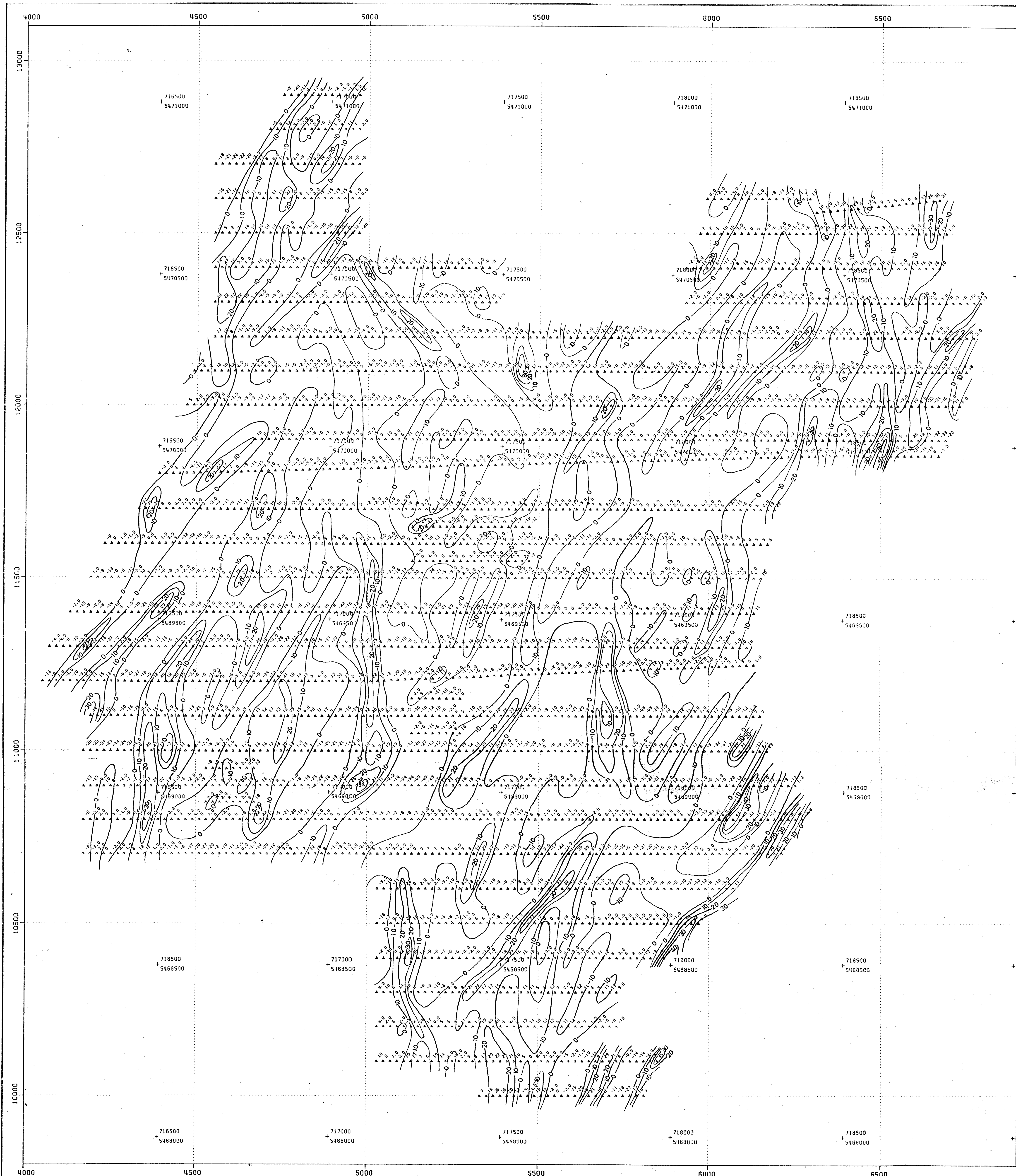
The VLF-EM survey outlined 2 major conductors on the sunset grid (see Plate 0041) as follows:

- (1) L13800N, 4930E to L14000N, 5000E
- (2) L14000N, 4710E to L14100N, 4730E

No significant magnetic anomalies were outlined and therefore the area is interpreted to be underlain by sediments which appear to be devoid of pyrrhotite mineralization.

It is recommended that the area in and around anomaly 2 above be further checked if there are coincident geochemical anomalies .

V-194: GOOD HOPE
EM-16 DATA: MAY 1984
FRASER FILTER OF IN-PHASE

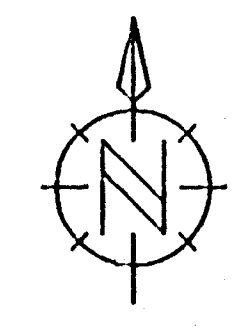


**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

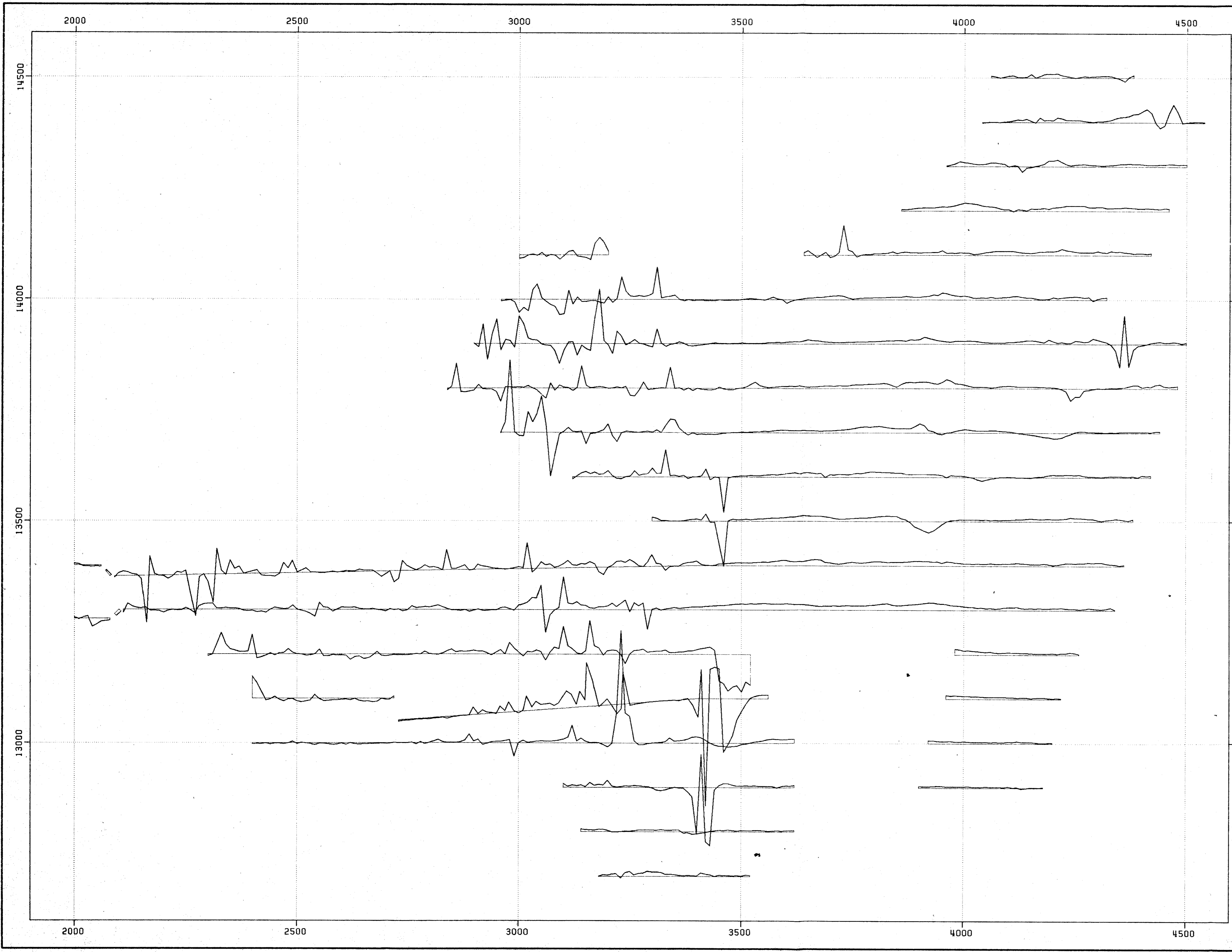
13,475

DATA PLOTTED ON THIS MAP:
FIELD FILE
x POINTS: UTMX EXPL-V-194-UTMGRID
▲ POINTS: IP EXPL-V-194-IP-FF.

DIRECTION OF NORTH AT CENTRE OF MAP



DRAWN BC		V-194: GOOD HOPE	
DATE 84/06/11		CONTOURED FRASER FILTER DATA	
SCALE 1:5000		NO. 84-11-V194-3B-0021	

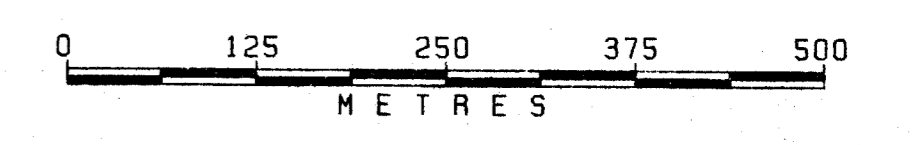
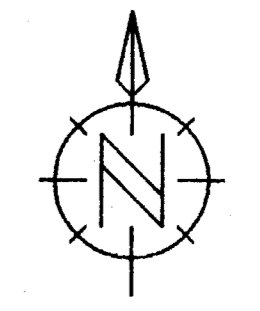


**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

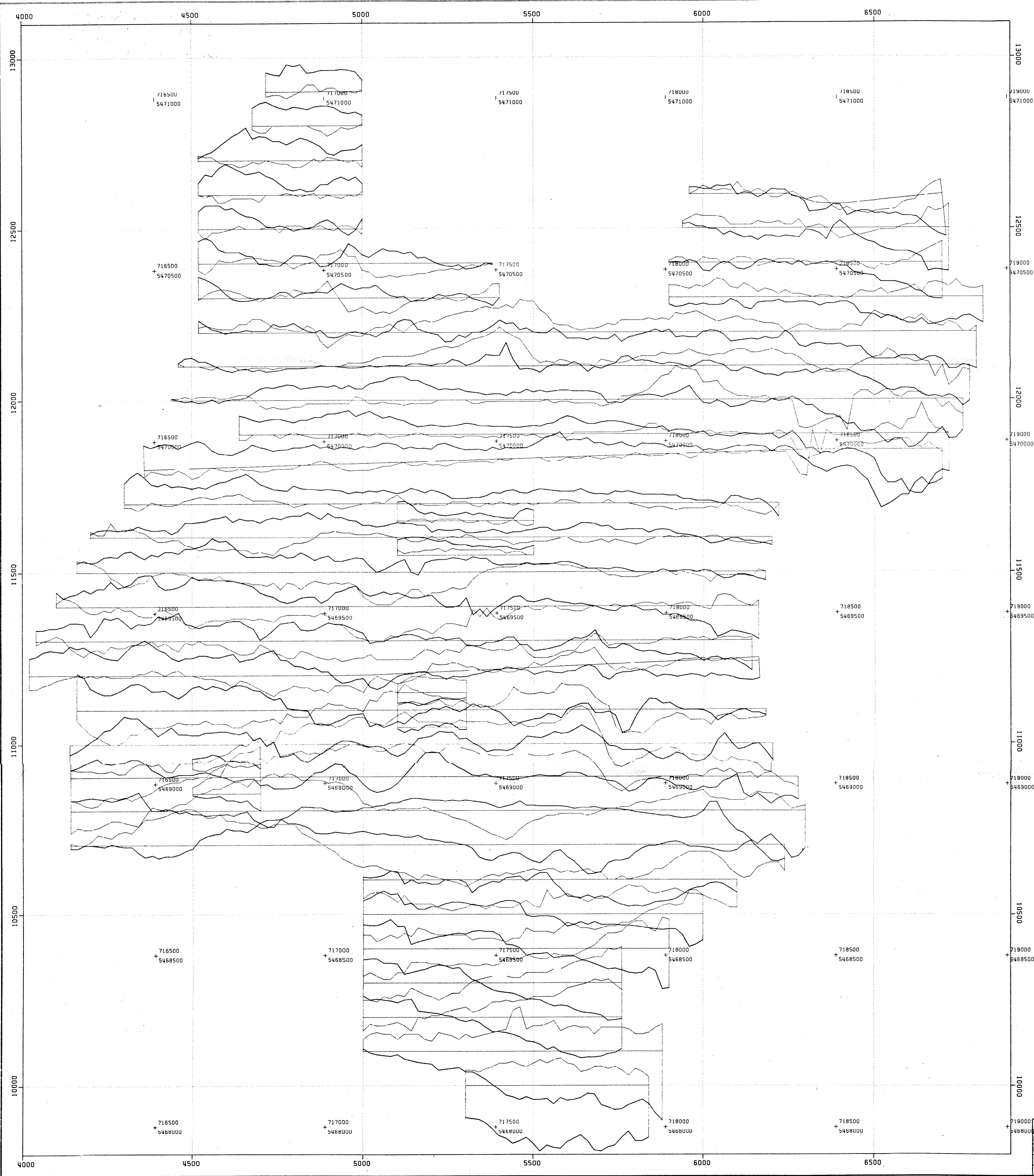
13,475

DATA PLOTTED ON THIS MAP:
 FIELD FILE
 PROFILES: MAG EXPL-V-194.HORSEFLY/GP-MAG
 SCALE: 1000 UNITS / CM
 BASE LEVEL: 57100

DIRECTION OF NORTH AT CENTRE OF MAP



DRAWN RC		PLACER DEVELOPMENT LIMITED	
DATE 84/09/20		HORSEFLY MAG PROFILES	
SCALE 1:5000			
		NO. 84-11-V194-B3-0022	

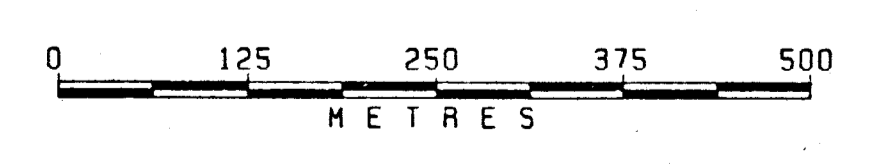


V-194: GOOD HOPE
 EM-16 DATA: MAY 1984
 IN-PHASE AND QUADRATURE

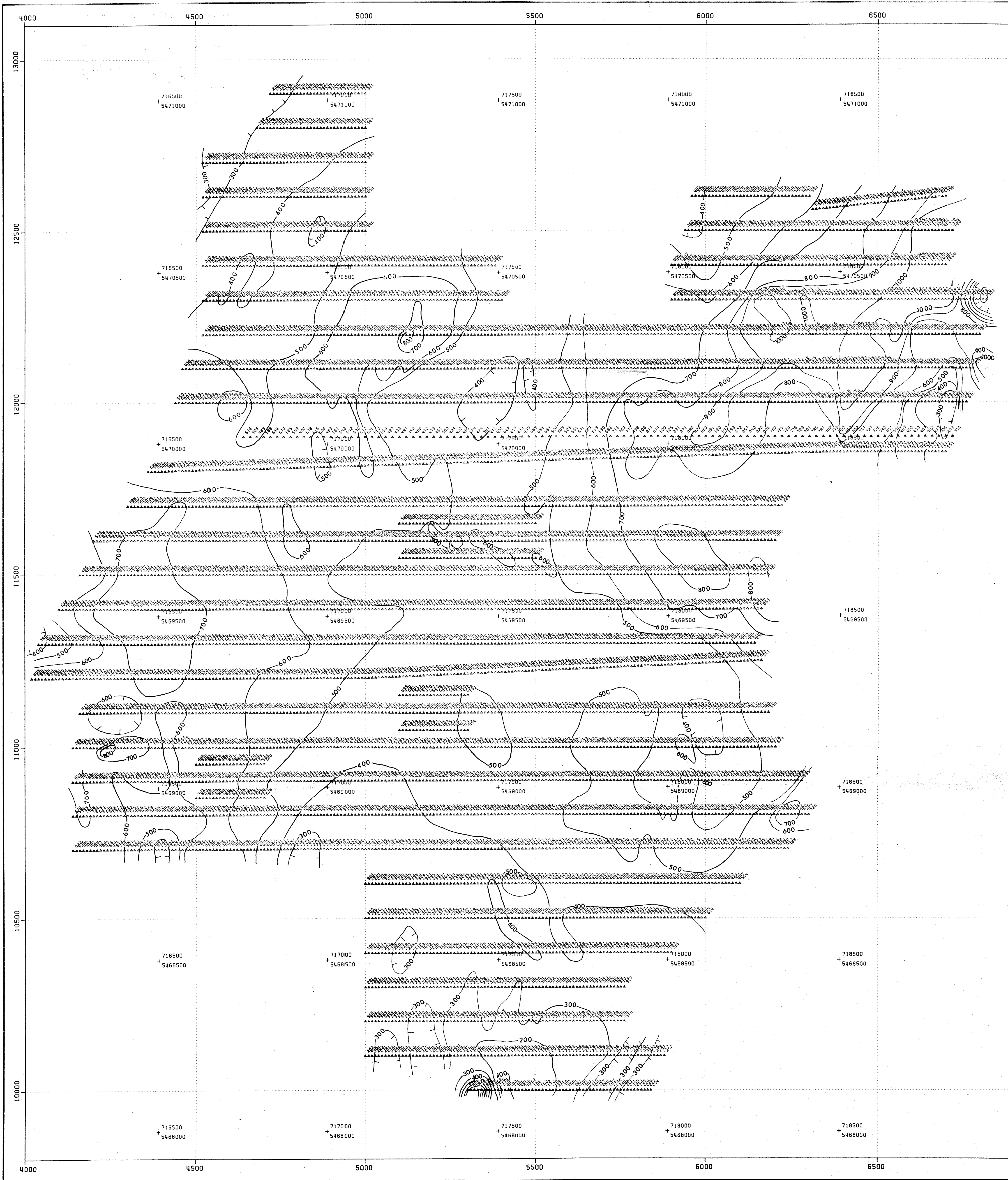
**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

13,475

DATA PLOTTED ON THIS MAP:
 FIELD FILE
 PROFILES: IP EXPL-V-194-EM. ———
 SCALE: 20.0 UNITS / CM
 BASE LEVEL: 0.0
 PROFILES: 00 EXPL-V-194-EM. ———
 SCALE: -10.0 UNITS / CM
 BASE LEVEL: 0.0
 X POINTS: UTMX EXPL-V-194.UTMGRID



DRAWN BC		V-194: GOOD HOPE	
DATE 84/06/08		E.M. - 16 PROFILES PLAN	
SCALE 1:5000		NO. 64-II-V194-3B-0020	



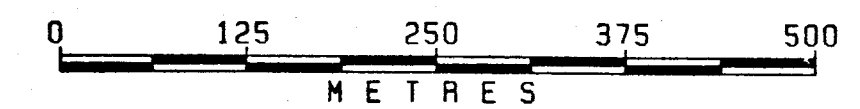
V-194: GOOD HOPE
 DATA COLLECTED WITH A DIGITAL
 MAGNETOMETER MAY 1984
 POSTED VALUE IS TOTAL FIELD
 MINUS 57000

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

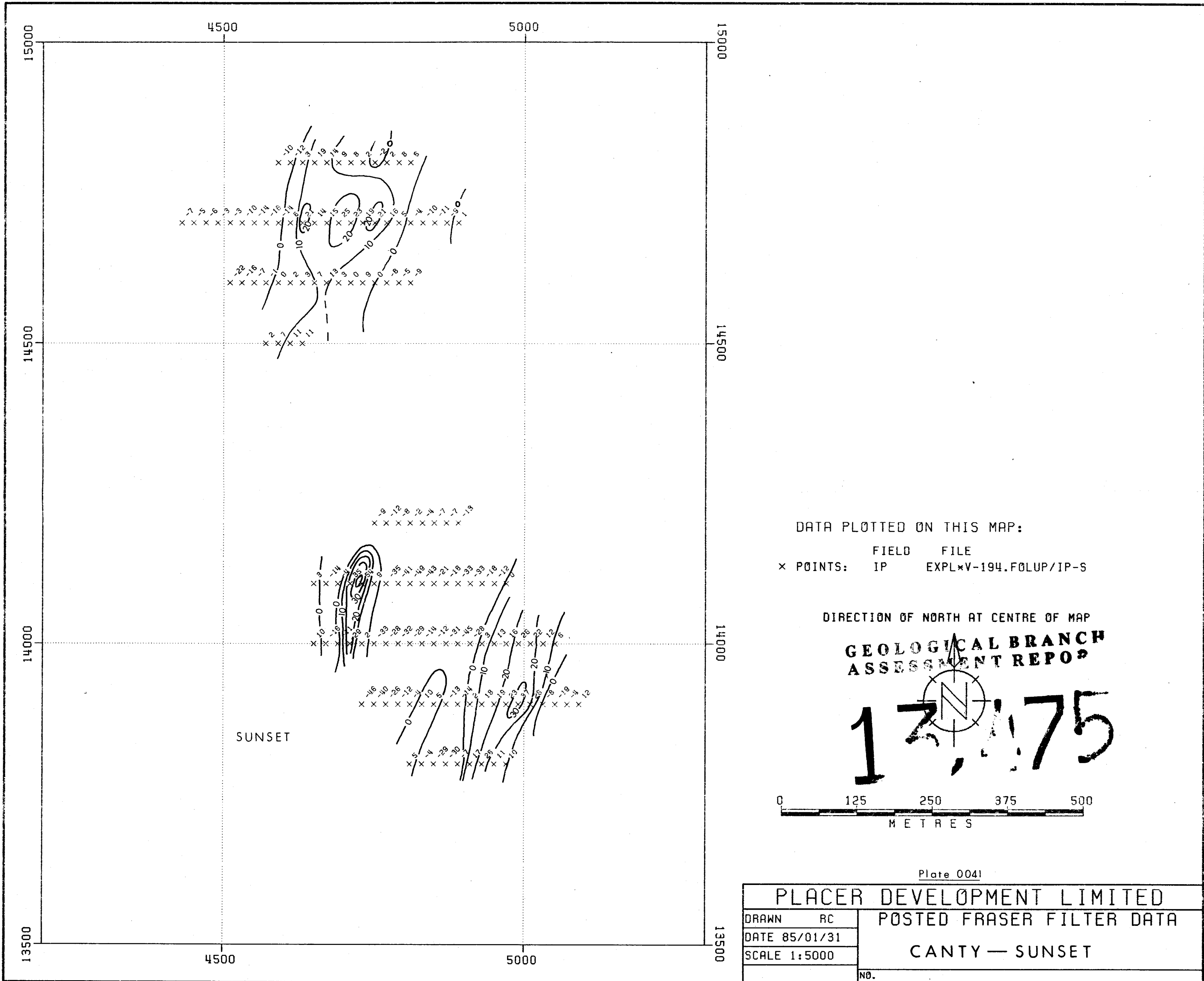
13,475

CONTOUR INTERVAL 100 nT

DATA PLOTTED ON THIS MAP:
 FIELD FILE
 x POINTS: UTMX EXPL*V-194.UTMGRID
 ▲ POINTS: MAG EXPL*V-194-MAG1.



DRAWN BC		V-194: GOOD HOPE	
DATE 84/06/08		CONTOURED GROUND MAGNETOMETER DATA	
SCALE 1:5000		NO. 84-11-V194-38-0019	



DATA PLOTTED ON THIS MAP:

FIELD FILE
 x POINTS: IP EXPL*V-194.FOLUP/IP-S

DIRECTION OF NORTH AT CENTRE OF MAP

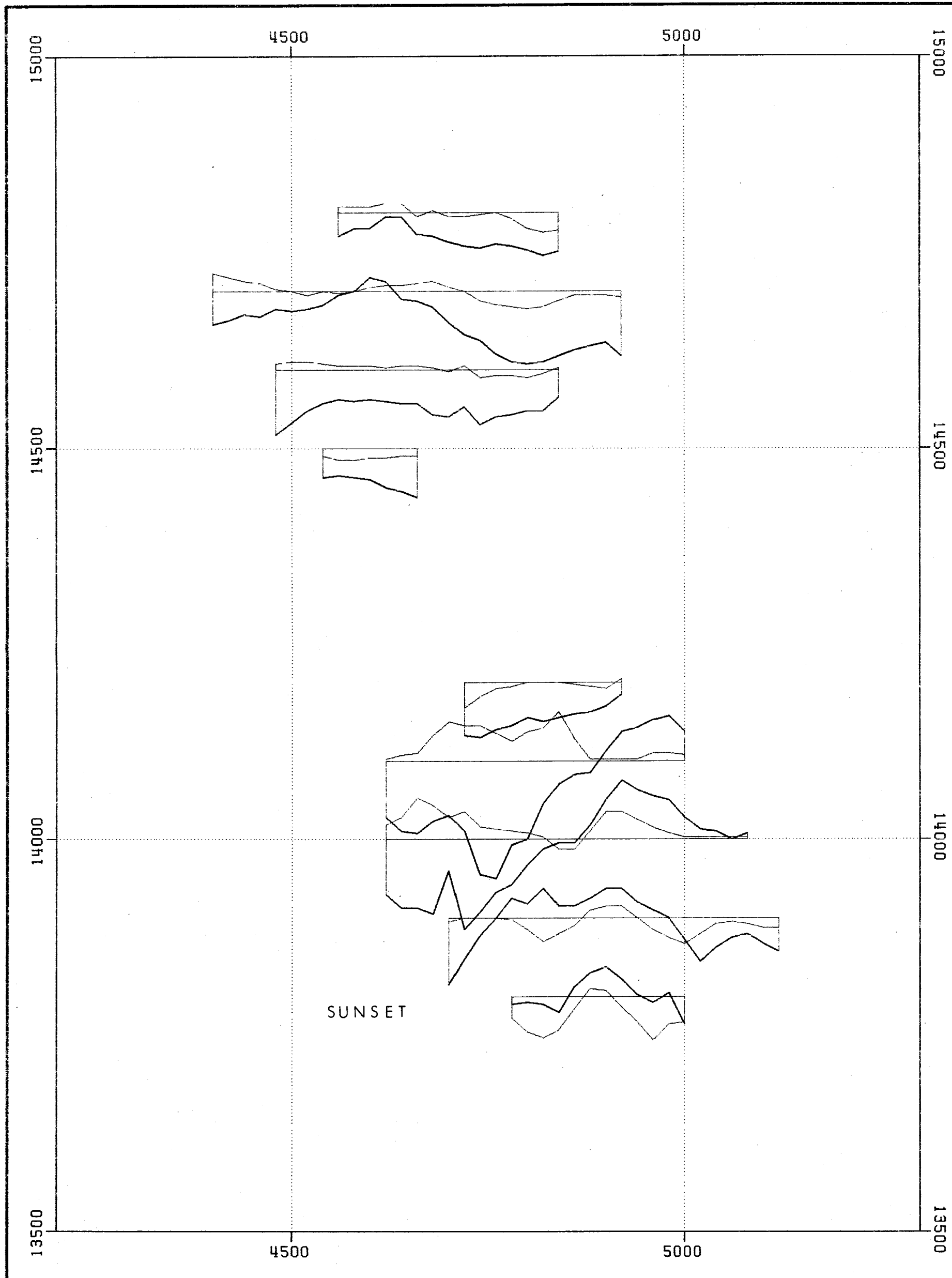
**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

13,175

0 125 250 375 500
 METRES

Plate 0041

PLACER DEVELOPMENT LIMITED	
POSTED FRASER FILTER DATA	
CANTY — SUNSET	
DRAWN RC	NO.
DATE 85/01/31	
SCALE 1:5000	



DATA PLOTTED ON THIS MAP:

	FIELD	FILE	
PROFILES:	IP	EXPL*V-194.FOLUP/IP	——
	SCALE:	20.0 UNITS / CM	
	BASE LEVEL:	0.0	
PROFILES:	QD	EXPL*V-194.FOLUP/QD	——
	SCALE:	20.0 UNITS / CM	
	BASE LEVEL:	0.0	

DIRECTION OF NORTH AT CENTRE OF MAP

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,475

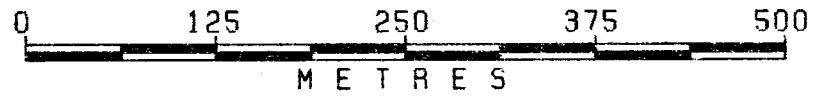
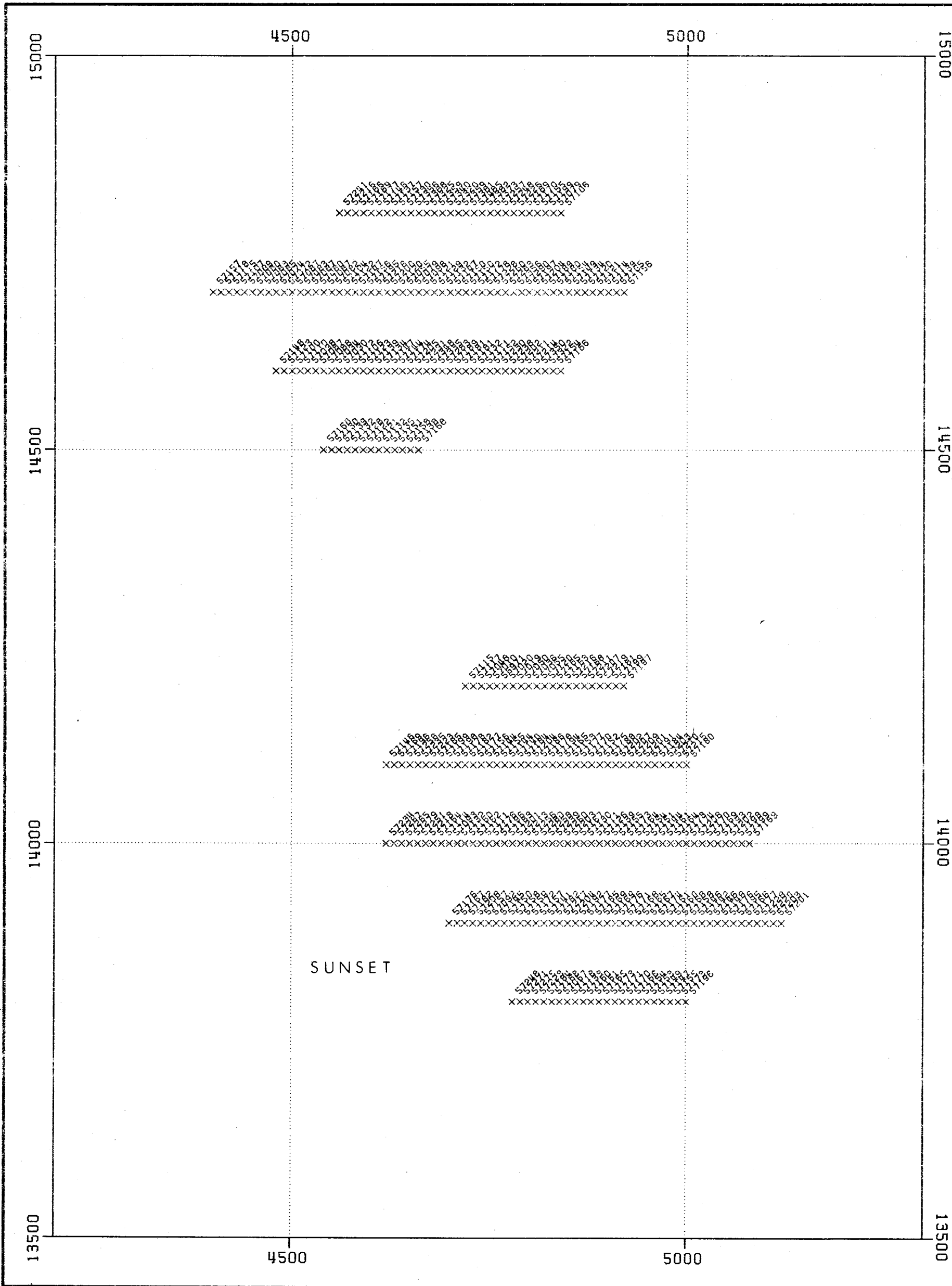


Plate 0040

PLACER DEVELOPMENT LIMITED	
CANTY VLF FOLLOW-UP	
DRAWN	BG
DATE	85/01/31
SCALE	1:5000
NO.	



DATA PLOTTED ON THIS MAP:

FIELD FILE
 x POINTS: MAG EXPL*V-194.F0LUP/MAG-S

DIRECTION OF NORTH AT CENTRE OF MAP

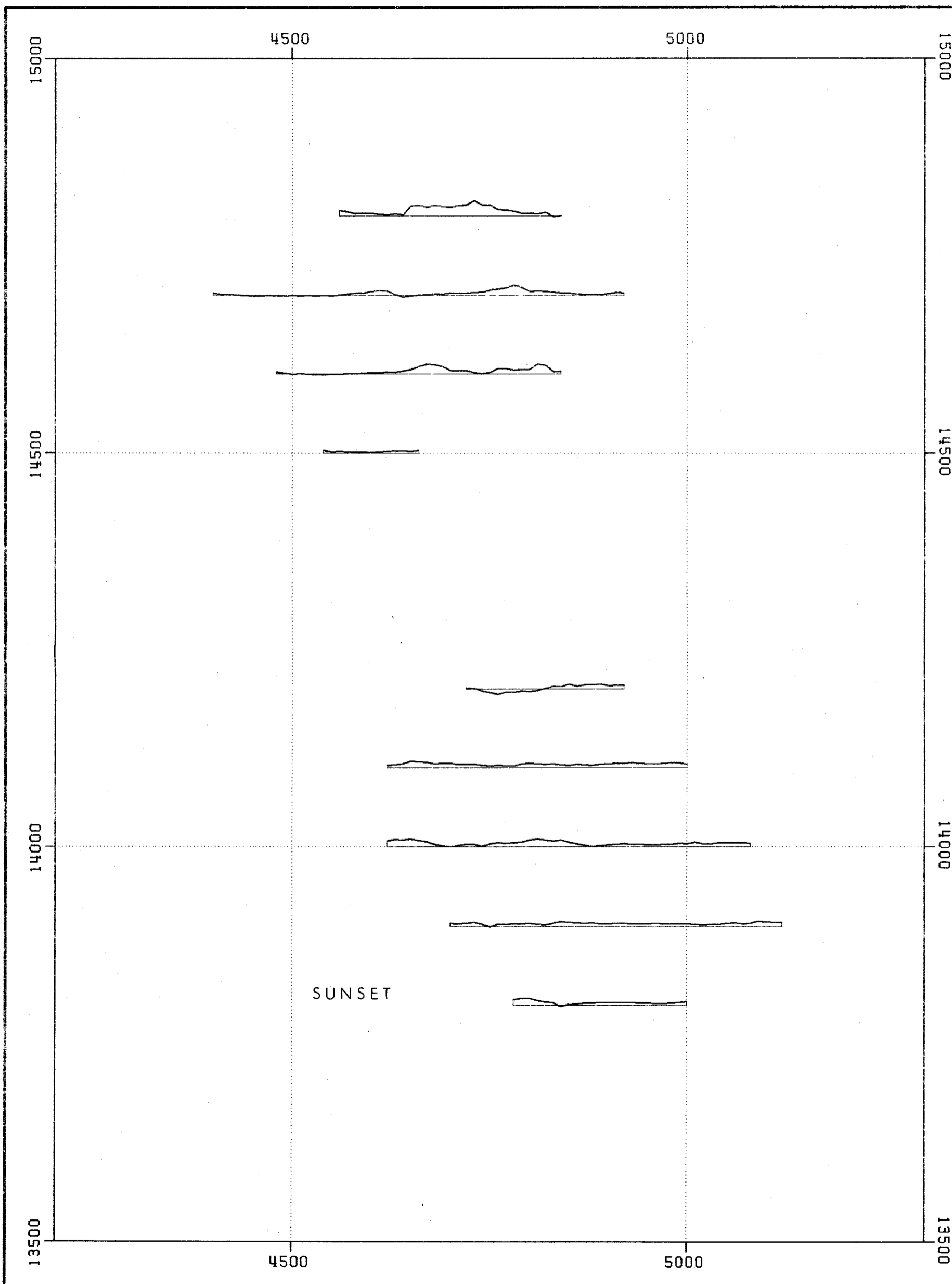
**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

13,475



Plate 0039

DRAWN AC		POSTED DATA (MAG) CANTY-SUNSET
DATE 85/01/31		
SCALE 1:5000		
		NO.



DATA PLOTTED ON THIS MAP:
 FIELD FILE
 PROFILES: MAG EXPL*V-194.FOLUP/MAG
 SCALE: 1000 UNITS / CM
 BASE LEVEL: 57100

DIRECTION OF NORTH AT CENTRE OF MAP

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

13,475

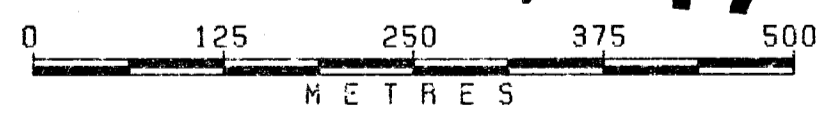
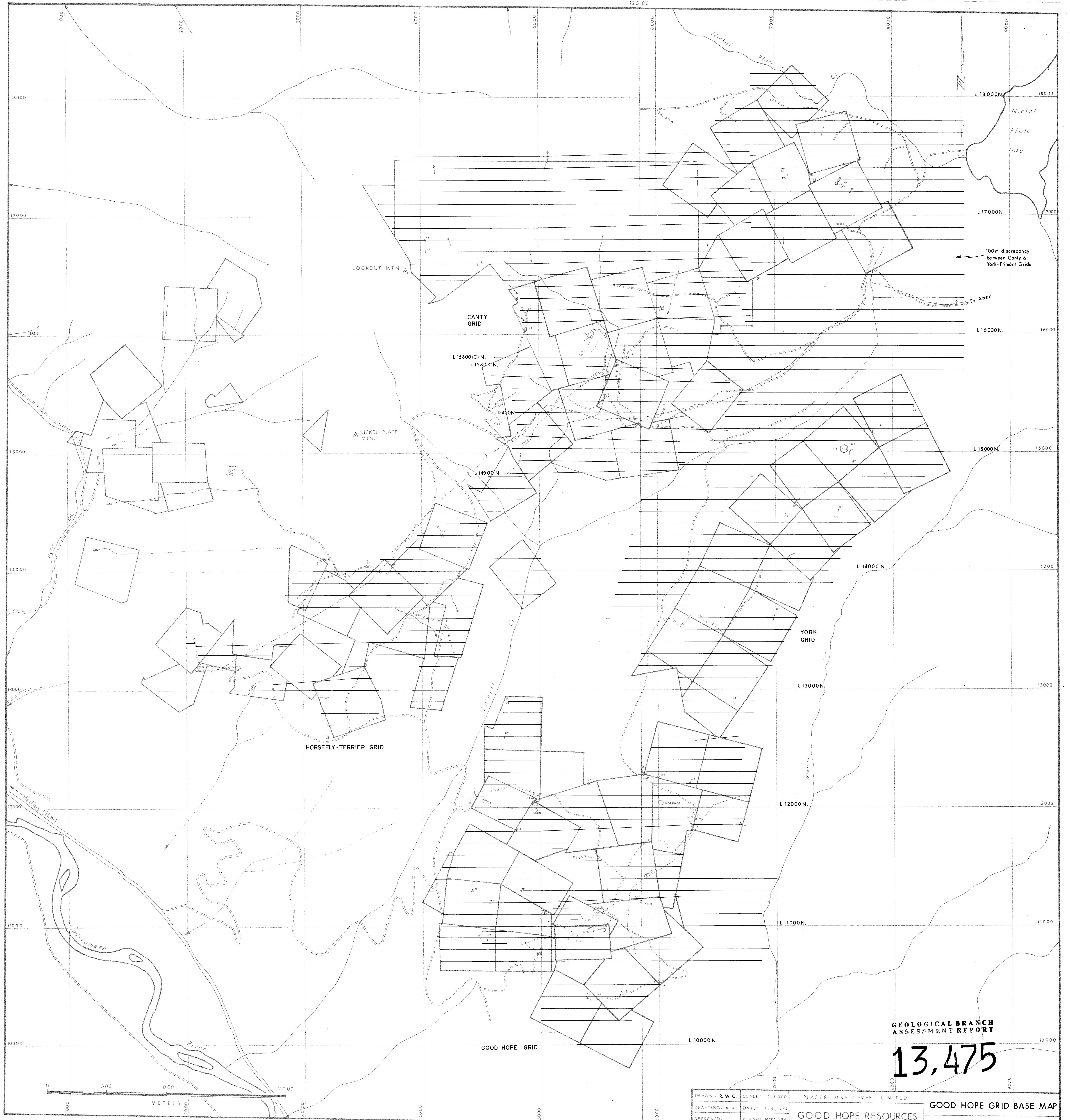


Plate 0038

PLACER DEVELOPMENT LIMITED	
DRAWN BG	CANTY MAG FOLLOW-UP
DATE 85/01/31	
SCALE 1:5000	
	NO.

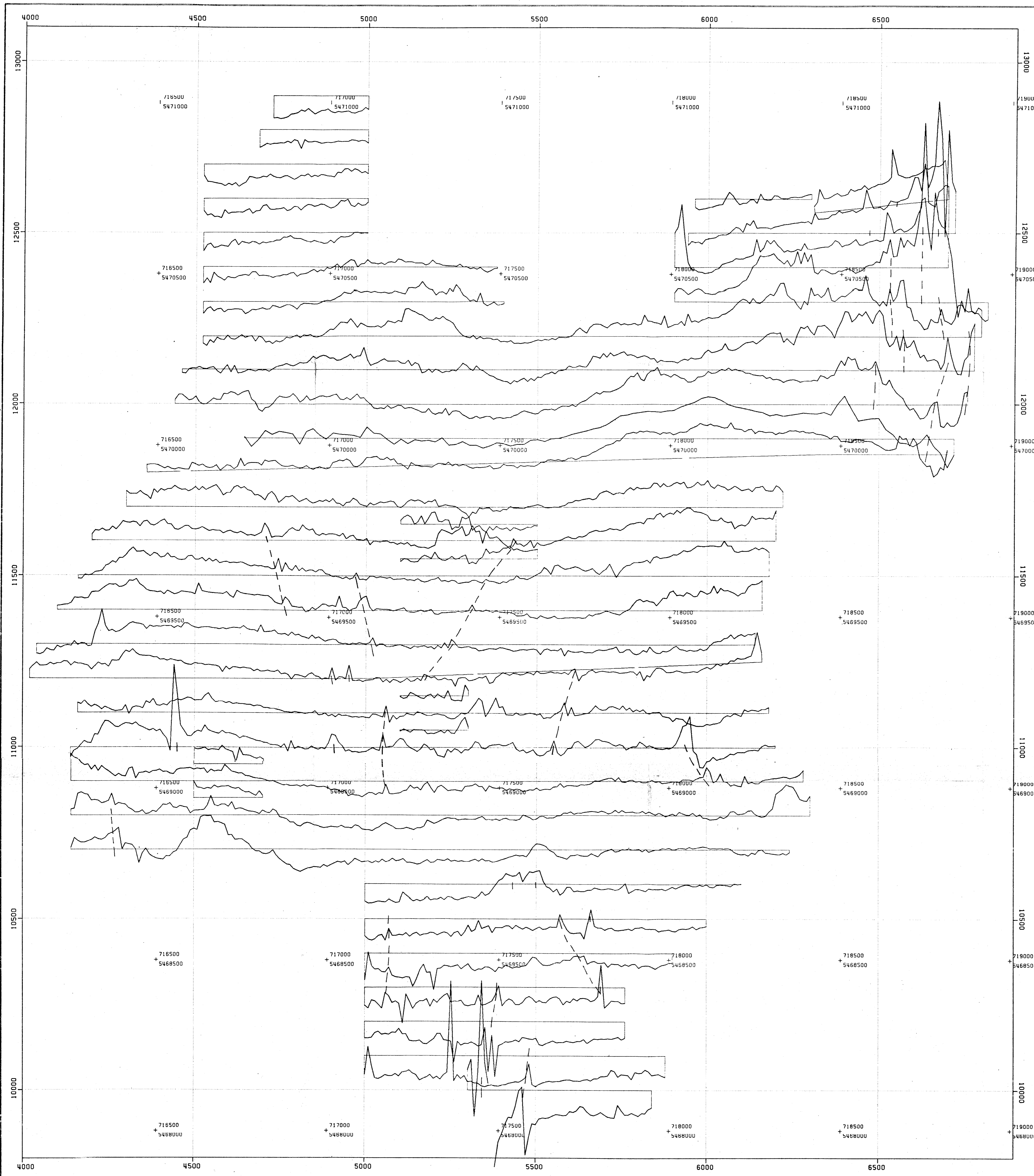


GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,475

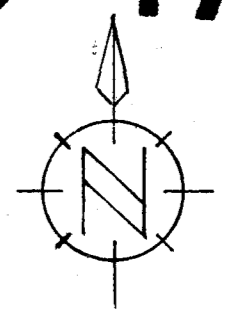
DRAWN: R. W. C.	SCALE: 1:10,000	PLACER DEVELOPMENT LIMITED
DRAFTING: A. K.	DATE: FEB, 1984	GOOD HOPE RESOURCES
APPROVED:	REVISED: NOV, 1984	
FILE REF. NO.:		84-11-V194-3B-0017

V-194: GOOD HOPE
 DATA COLLECTED WITH A DIGITAL
 MAGNETOMETER MAY 1984



**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

13,475



DATA PLOTTED ON THIS MAP:
 FIELD FILE
 PROFILES: MAG EXPL-V-194-MAG.
 SCALE: 200 UNITS / CM
 BASE LEVEL: 57500
 X POINTS: UTMX EXPL-V-194.UTMGRID

--- POSSIBLE DYKES

0 125 250 375 500
 METRES

DRAWN BC		PLACER DEVELOPMENT LIMITED	
DATE 84/06/08		V-194: GOOD HOPE	
SCALE 1:5000		GROUND MAGNETOMETER PROFILES	
NO.		84-11-V194-38-0018	

PRIMONT-YORK VLF DATA (SOUTH)
INSTRUMENT: EM-16
POSTED FRASER FILTERED DATA

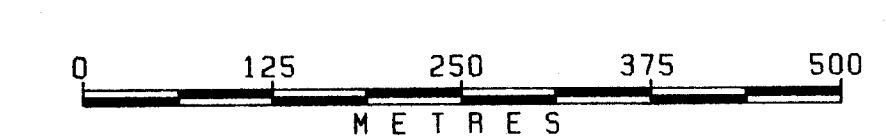


DATA PLOTTED ON THIS MAP:

	FIELD	FILE
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▲	POINTS: FF	EXPLW-194A.FF-A/S
□	POINTS: FF	EXPLW-194A.FF-B/S
x	POINTS: FF	EXPLW-194A.FF-E/S

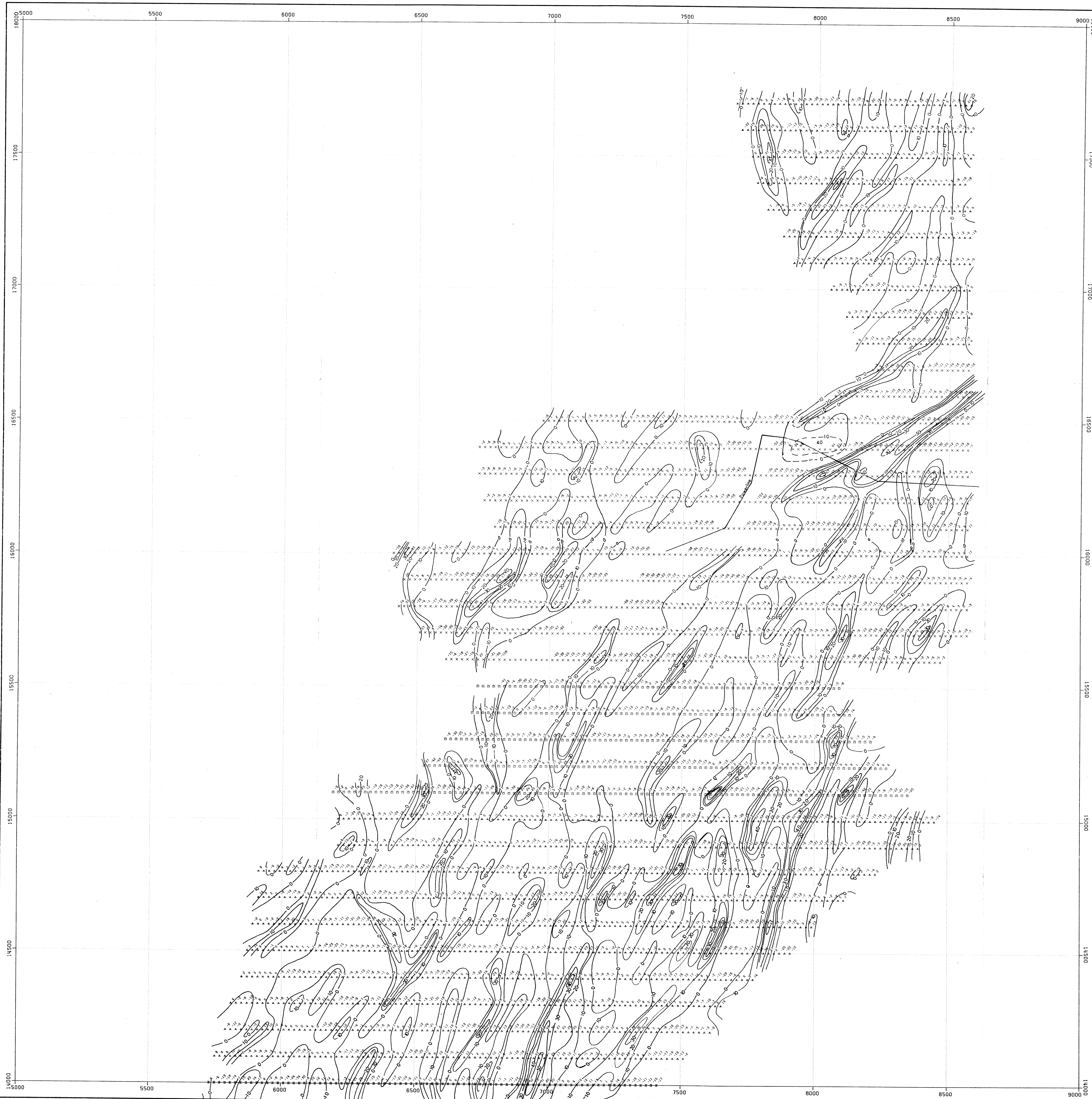
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,475
CORRECTION OF NORTH AT CENTRE OF MAP



PLACER DEVELOPMENT LIMITED	
DRAWN	PLK
DATE	84/09/08
SCALE	1:5000
PRIMONT-YORK VLF DATA (SOUTH)	
NO. 84-11-194-3B-0037	

PRIMONT-YORK VLF DATA (NORTH)
INSTRUMENT: EM-16
POSTED FRASER FILTERED DATA

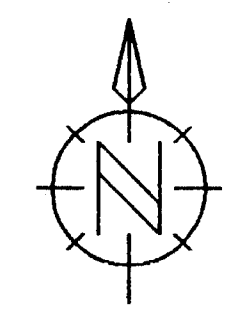


DATA PLOTTED ON THIS MAP:

	FIELD	FILE
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▲ POINTS:	FF	EXPLWV-194A,FF-A/S
■ POINTS:	FF	EXPLWV-194B,FF-B/S
x POINTS:	FF	EXPLWV-194E,FF-E/S

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,475
DIRECTION OF NORTH AT CENTRE OF MAP



PLACER DEVELOPMENT LIMITED
DRAWN: PLK
DATE: 84/09/06
SCALE: 1:5000
PRIMONT-YORK VLF DATA (NORTH)
NO. 84-11-V194-38-0036



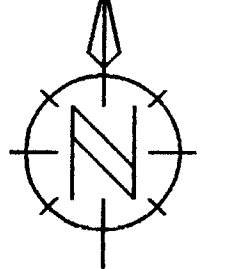
PRIMONT-YORK VLF DATA (SOUTH)
 INSTRUMENT: EM-16
 SOLID LINE: INPHASE
 DOTTED LINE: QUADRATURE

DATA PLOTTED ON THIS MAP:

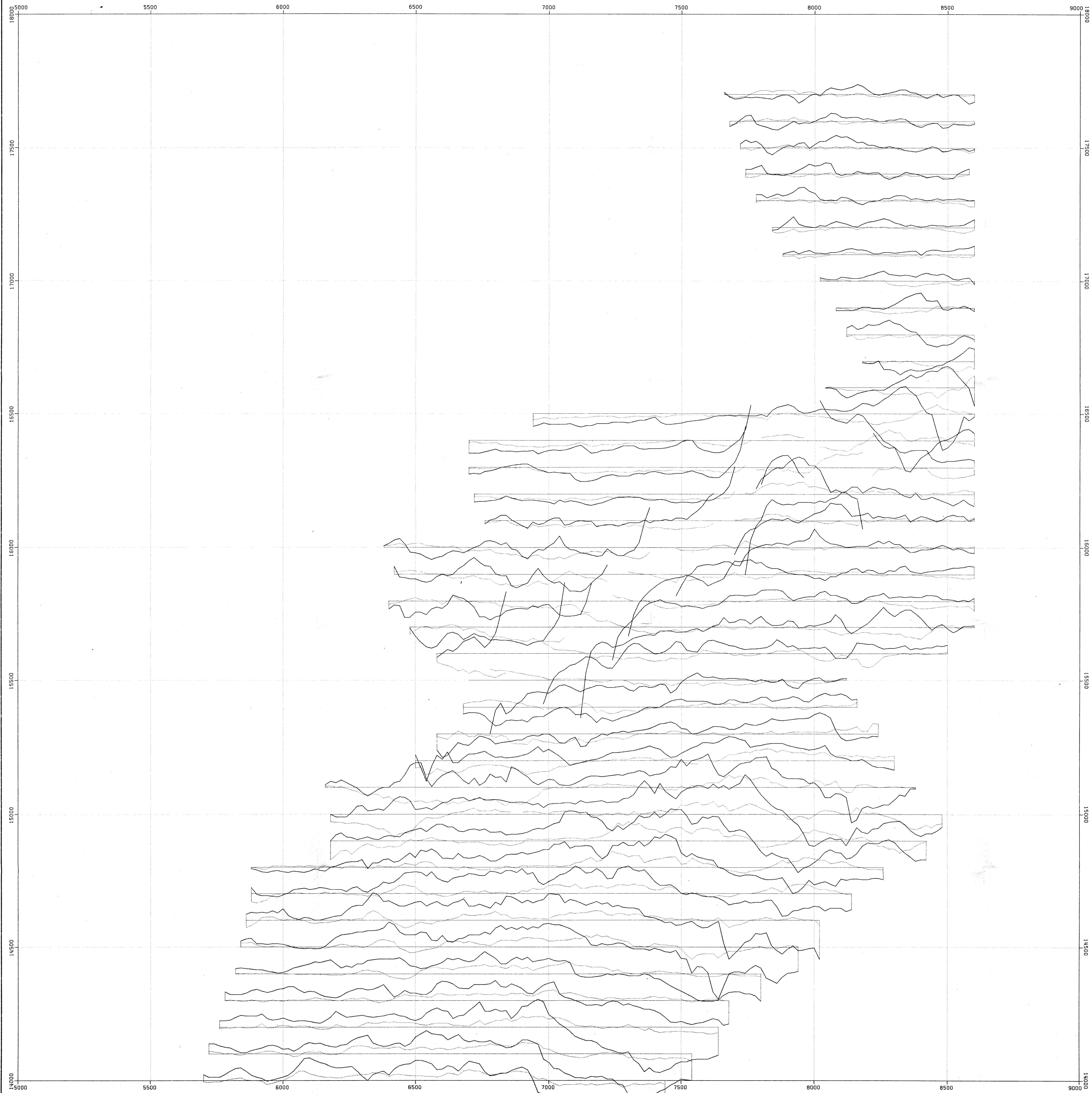
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BASE LEVEL:	0.0	
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SCALE:	20.0 UNITS / CM	
BASE LEVEL:	0.0	
IP	EXPLW-194A	IP-B
SCALE:	20.0 UNITS / CM	
BASE LEVEL:	0.0	
IP	EXPLW-194A	IP-E
SCALE:	20.0 UNITS / CM	
BASE LEVEL:	0.0	
OD	EXPLW-197	OD-A
SCALE:	20.0 UNITS / CM	
BASE LEVEL:	0.0	
OD	EXPLW-194A	OD-A
SCALE:	20.0 UNITS / CM	
BASE LEVEL:	0.0	
OD	EXPLW-194A	OD-B
SCALE:	20.0 UNITS / CM	
BASE LEVEL:	0.0	
IP	EXPLW-194A	IP-E
SCALE:	20.0 UNITS / CM	
BASE LEVEL:	0.0	

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

13,475
DIRECTION OF NORTH AT CENTRE OF MAP



DRAWN		PLK		PRIMONT-YORK VLF DATA (SOUTH)	
DATE		84/09/06			
SCALE		1:5000			
NO.				84-11-V194-38-0035	



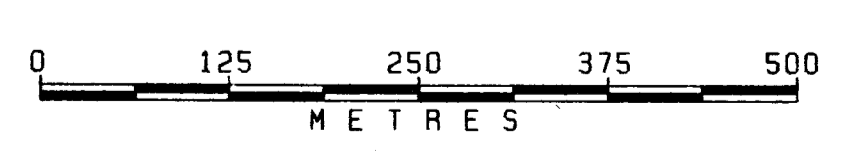
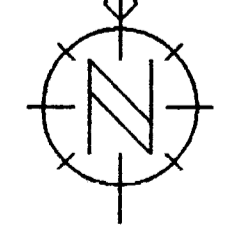
PRIMONT-YORK VLF DATA (NORTH)
 INSTRUMENT: EM-16
 SOLID LINE: INPHASE
 DOTTED LINE: QUADRATURE

DATA PLOTTED ON THIS MAP:

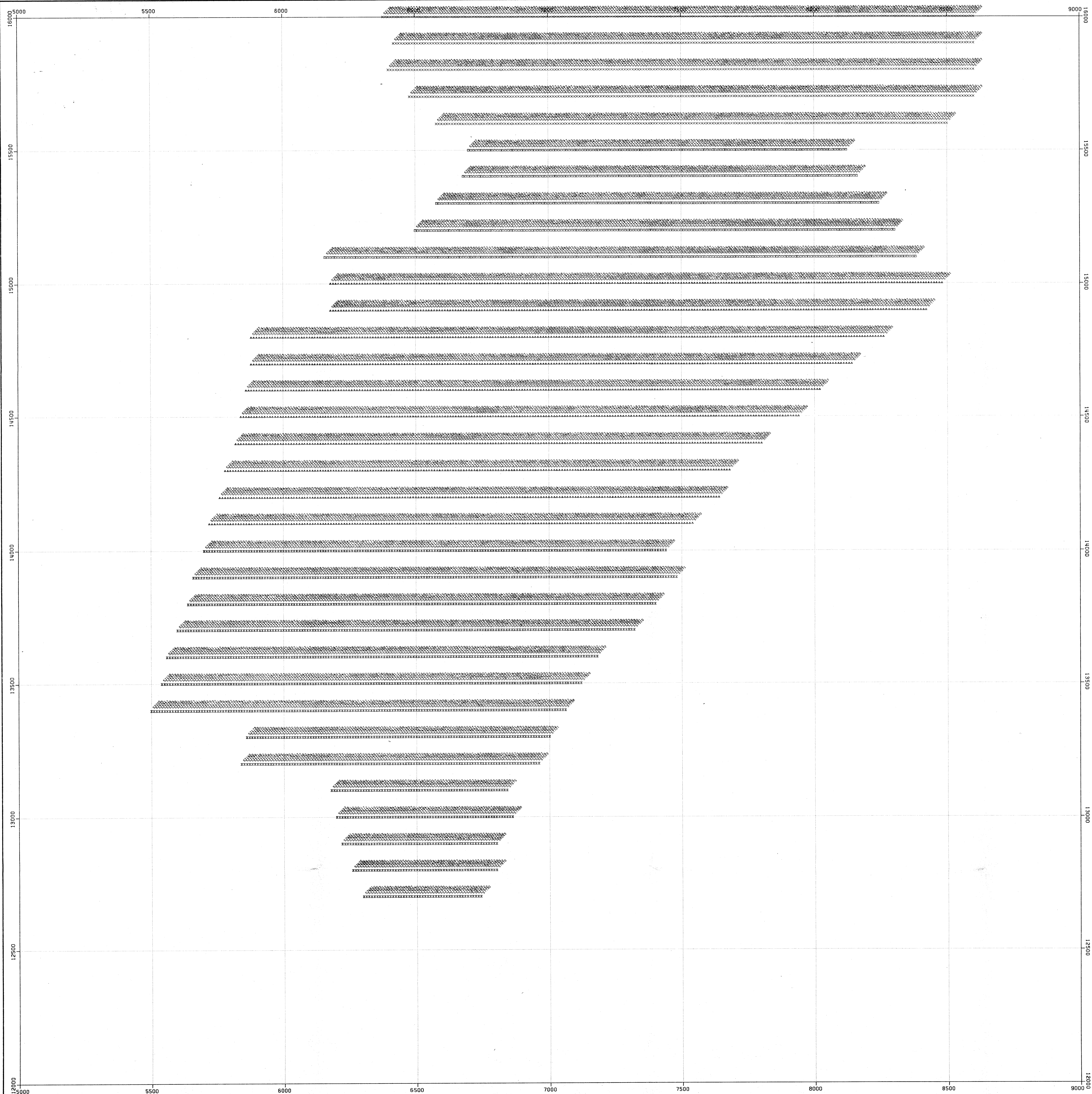
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BASE LEVEL:	0.0
PROFILES:	00 EXPLV-194A.00-A
SCALE:	20.0 UNITS / CM
BASE LEVEL:	0.0
PROFILES:	00 EXPLV-194A.00-B
SCALE:	20.0 UNITS / CM
BASE LEVEL:	0.0
PROFILES:	00 EXPLV-194A.00-E
SCALE:	20.0 UNITS / CM
BASE LEVEL:	0.0
PROFILES:	00 EXPLV-197.1P-A
SCALE:	20.0 UNITS / CM
BASE LEVEL:	0.0
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BASE LEVEL:	0.0
PROFILES:	00 EXPLV-194A.1P-B
SCALE:	20.0 UNITS / CM
BASE LEVEL:	0.0
PROFILES:	00 EXPLV-194A.1P-E
SCALE:	20.0 UNITS / CM
BASE LEVEL:	0.0

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

13,475
 DIRECTION OF NORTH AT CENTRE OF MAP



DRAWN		PLK		PRIMONT-YORK VLF DATA (NORTH)	
DATE		84/09/06		SCALE 1:5000	
SCALE		1:5000		NO. 84-11-V194-3B-0034	

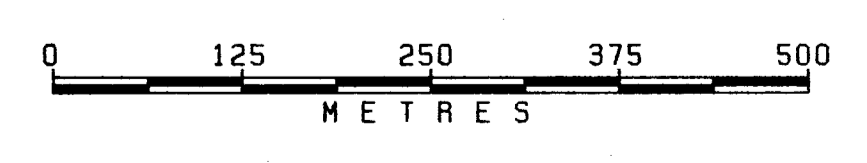


DATA PLOTTED ON THIS MAP:

	FIELD	FILE
x	POINTS: MAG	EXPLWV-197.MAG-A/S
▲	POINTS: MAG	EXPLWV-194A.MAG-A/S
□	POINTS: MAG	EXPLWV-194B.MAG-B/S
x	POINTS: MAG	EXPLWV-194A.MAG-E/S

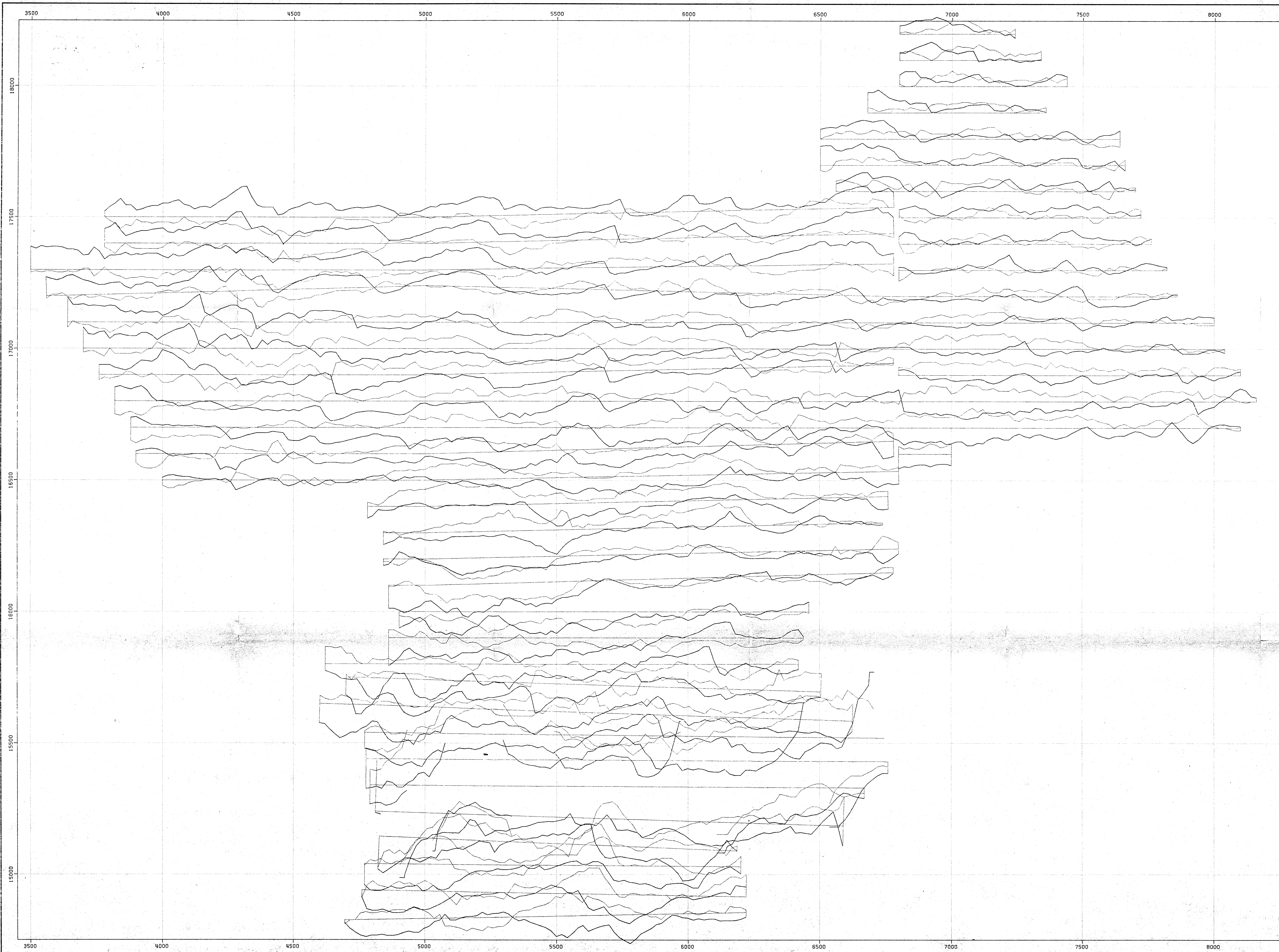
DIRECTION OF NORTH AT CENTRE OF MAP
GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,475



PLACER DEVELOPMENT LIMITED

DRAWN	PLK	PRIMONT-YORK MAG DATA (SOUTH)
DATE	08/09/06	
SCALE	1:5000	
NO.		84-II-VI94-3B-0033



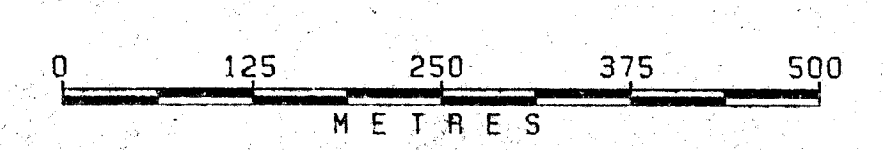
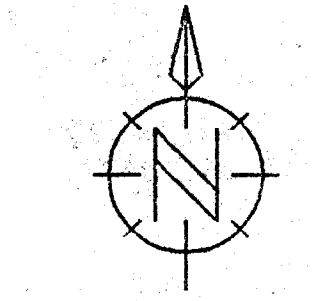
V-194: CANTY GRID
 EM-16 DATA: JUNE-JULY 1984
 IN-PHASE AND QUADRATURE

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

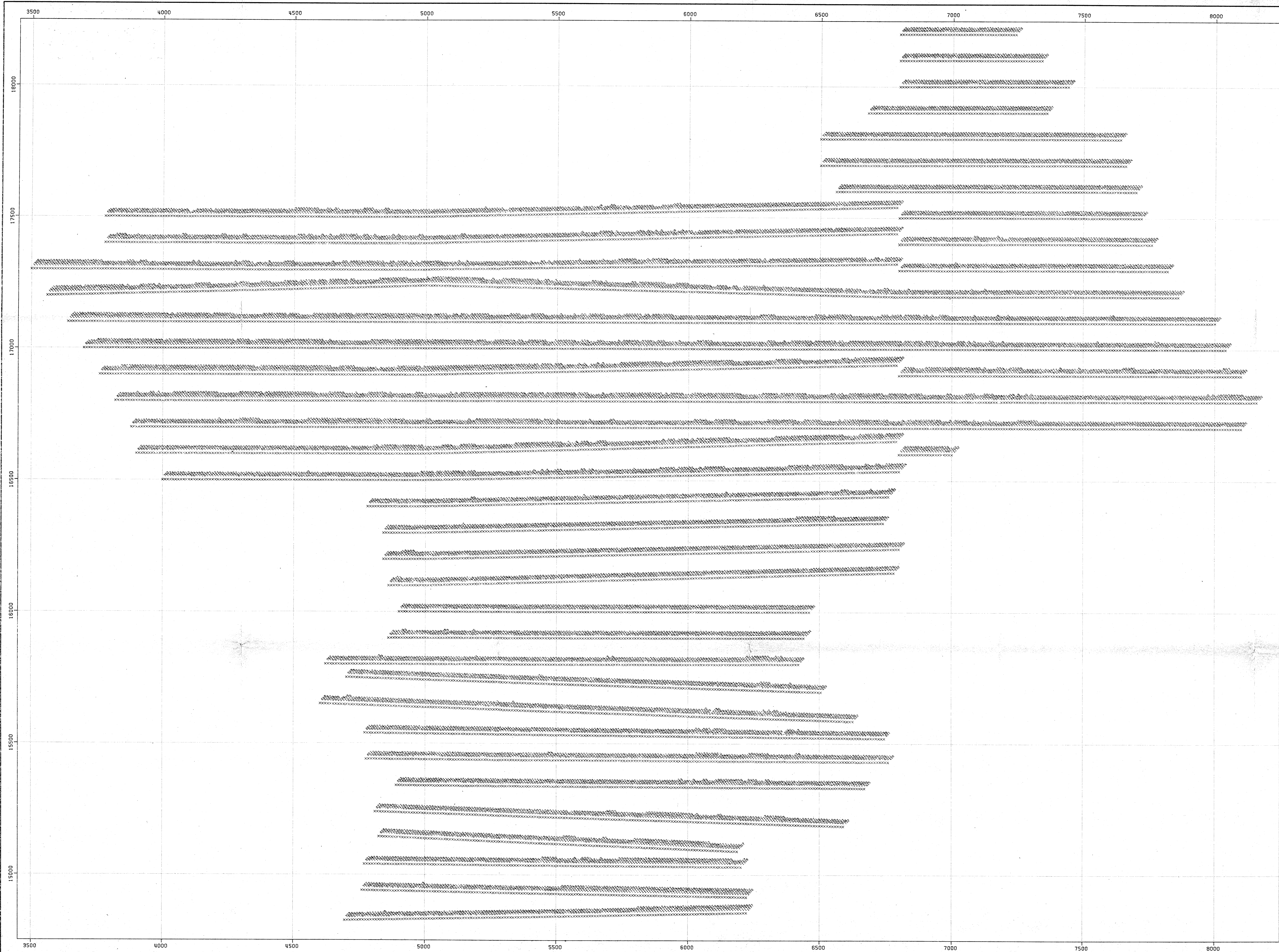
13,475

DATA PLOTTED ON THIS MAP:
 FIELD FILE
 PROFILES: IP EXPLVY-194A-IP.
 SCALE: 20.0 UNITS / CM
 BASE LEVEL: 0.0
 PROFILES: QD EXPLVY-194A-QD.
 SCALE: -10.0 UNITS / CM
 BASE LEVEL: 0.0

DIRECTION OF NORTH AT CENTRE OF MAP



PLACER DEVELOPMENT LIMITED	
DRAWN: BC	V-194: CANTY GRID
DATE: 84/11/07	EM-16 PROFILES
SCALE: 1:5000	
No. 84-11-V194-36-0028	



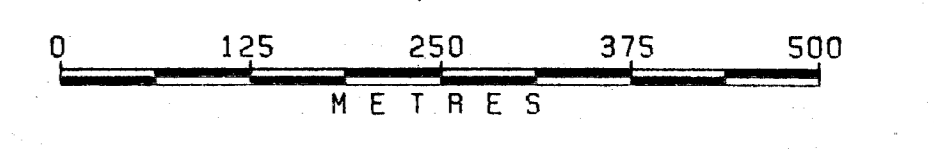
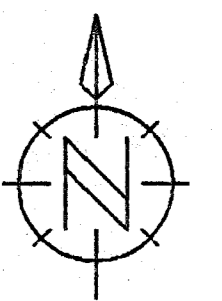
V-194: CANTY GRID
 DIGITAL MAGNETOMETER DATA
 JUNE-JULY 1984
 POSTED VALUE IS MAG READING
 LESS 56500

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

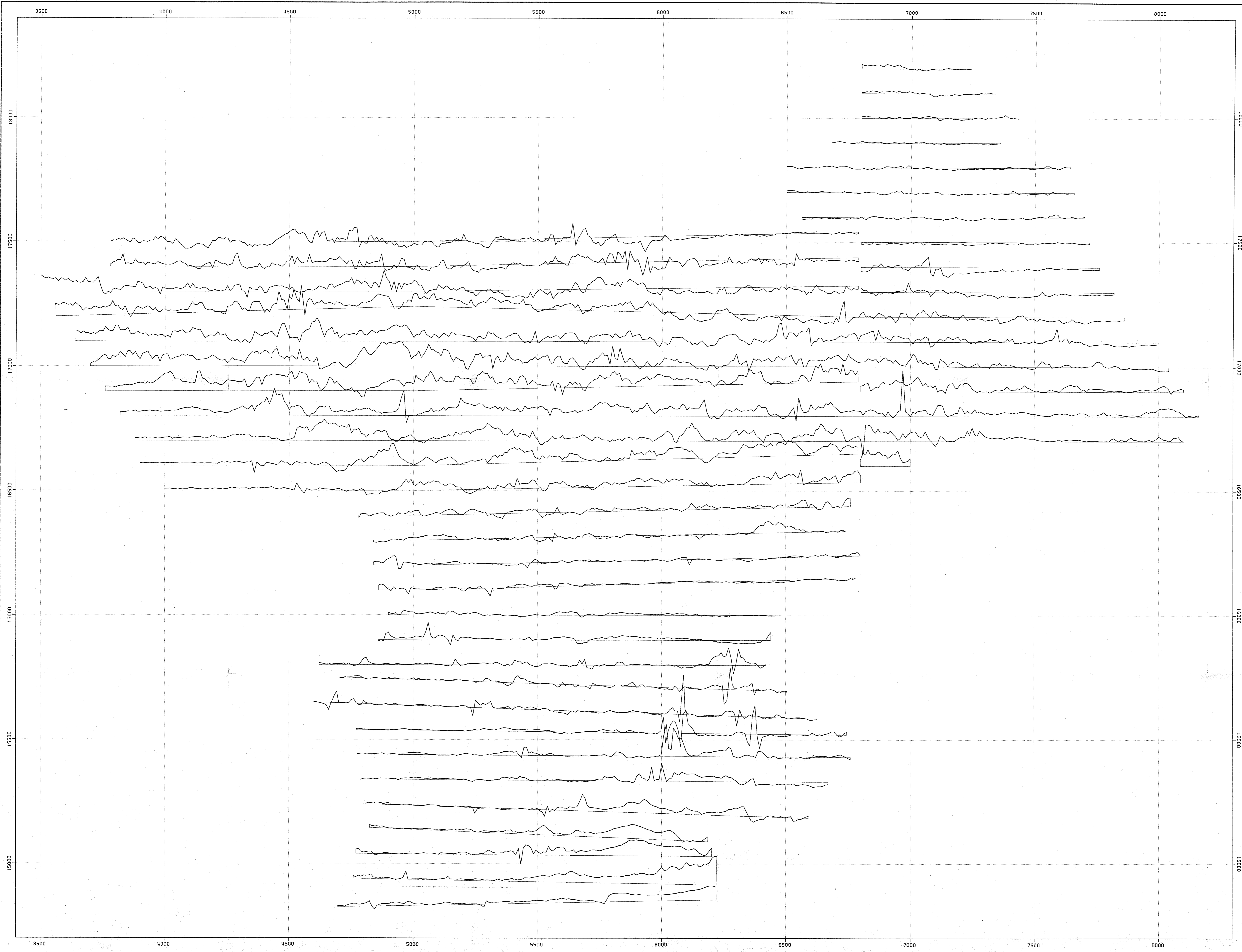
13,475

DATA PLOTTED ON THIS MAP:
 FIELD FILE
 X POINTS: MAG EXPL-V-194-MAG1.

DIRECTION OF NORTH AT CENTRE OF MAP



DRAWN BC		V-194: CANTY GRID	
DATE 04/08/14		POSTED MAG DATA	
SCALE 1:5000		NO. 84-11-V194-38-0027	

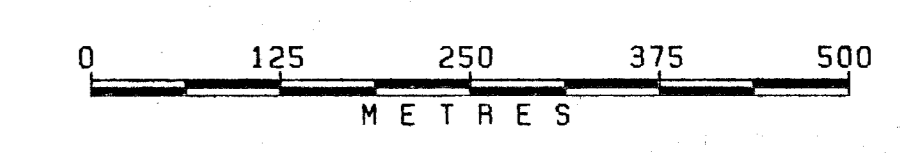
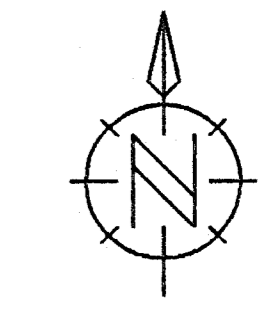


GEOLOGICAL BRANCH
ASSESSMENT REPORT

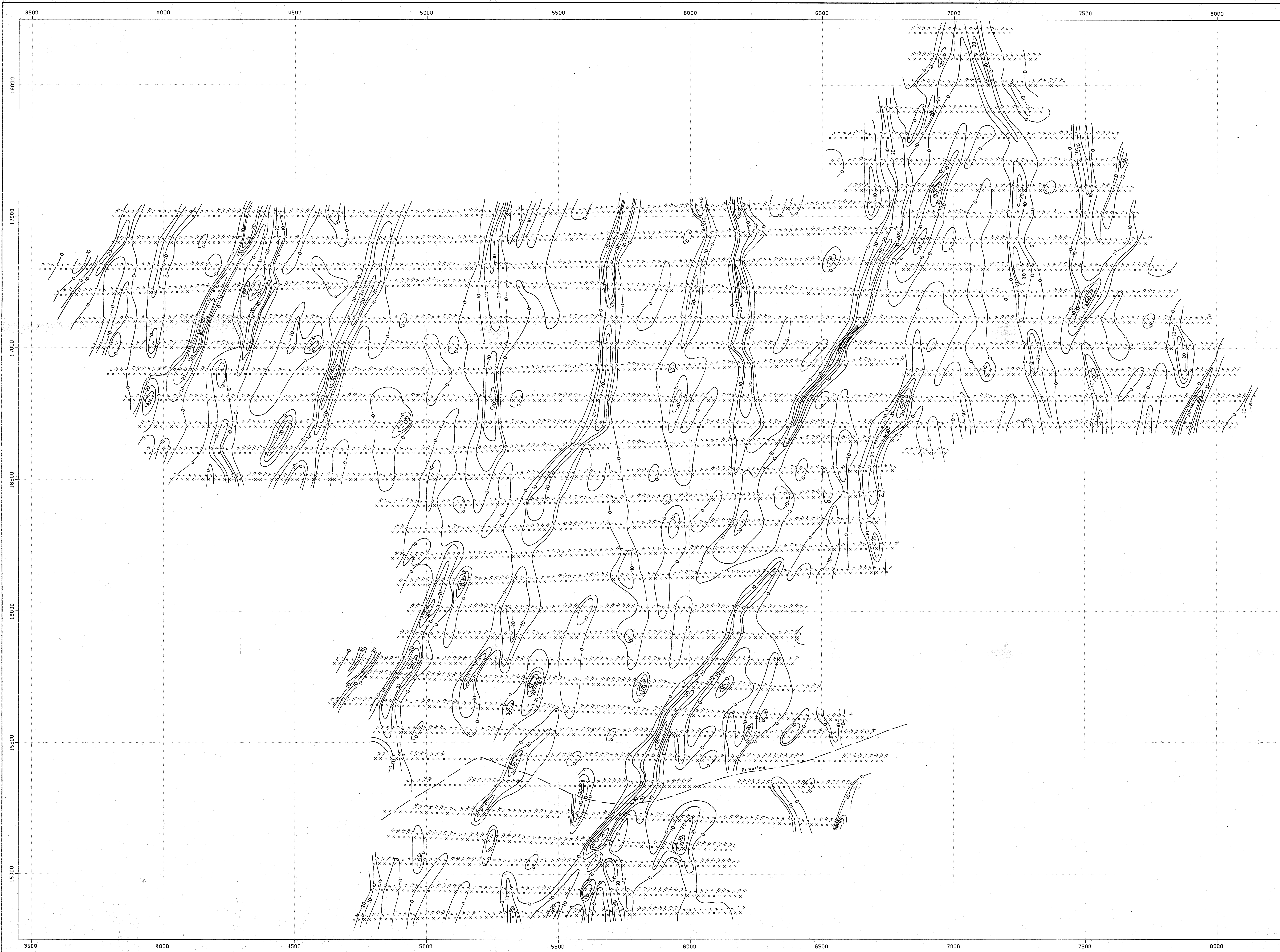
13,475

DATA PLOTTED ON THIS MAP:
FIELD FILE
PROFILES: MAG EXPL-V-19A-MAG.
SCALE: 1000 UNITS / CM
BASE LEVEL: 57100

DIRECTION OF NORTH AT CENTRE OF MAP



DRAWN RC		PLACER DEVELOPMENT LIMITED	
DATE 04/09/25		CANTY MAG PROFILES	
SCALE 1:5000		NO. 84-11-V194-38-0026	



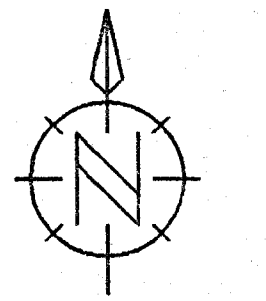
V-194: CANTY GRID
 EM-16 DATA: JUNE-JULY 1984
 FRASER FILTER

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

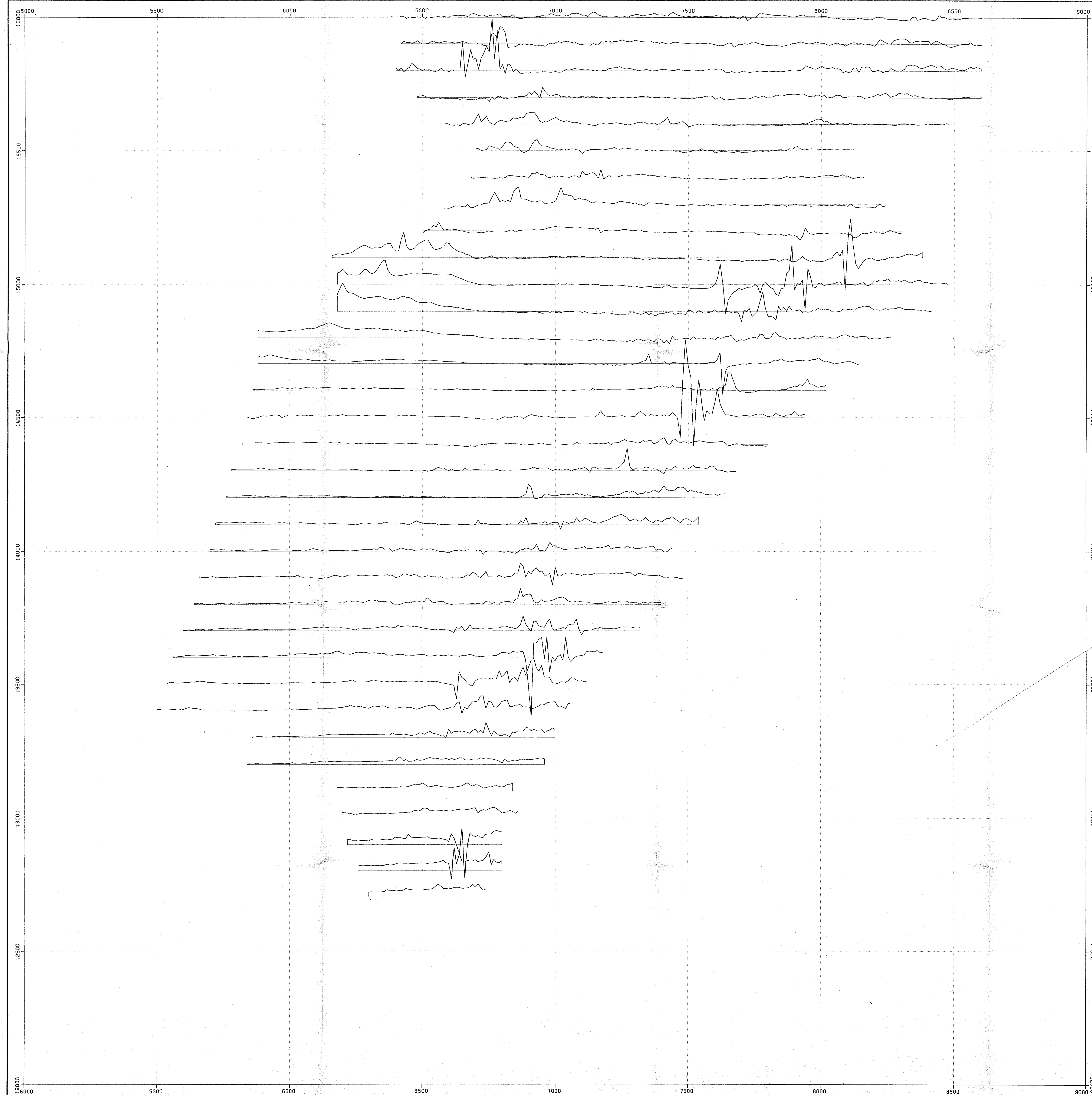
13,475

DATA PLOTTED ON THIS MAP:
 FIELD FILE
 X POINTS: FF EXPL-V-194-FF.

DIRECTION OF NORTH AT CENTRE OF MAP



PLACER DEVELOPMENT LIMITED	
DRAWN BC	V-194: CANTY GRID
DATE 84/08/14	CONTOUR FRASER FILTER DATA
SCALE 1:5000	
NO.	84-11-V194-38-0029



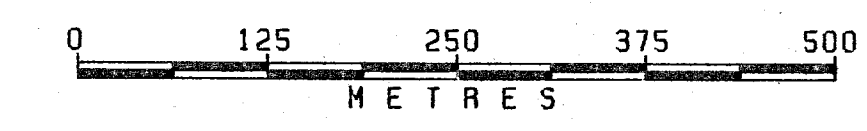
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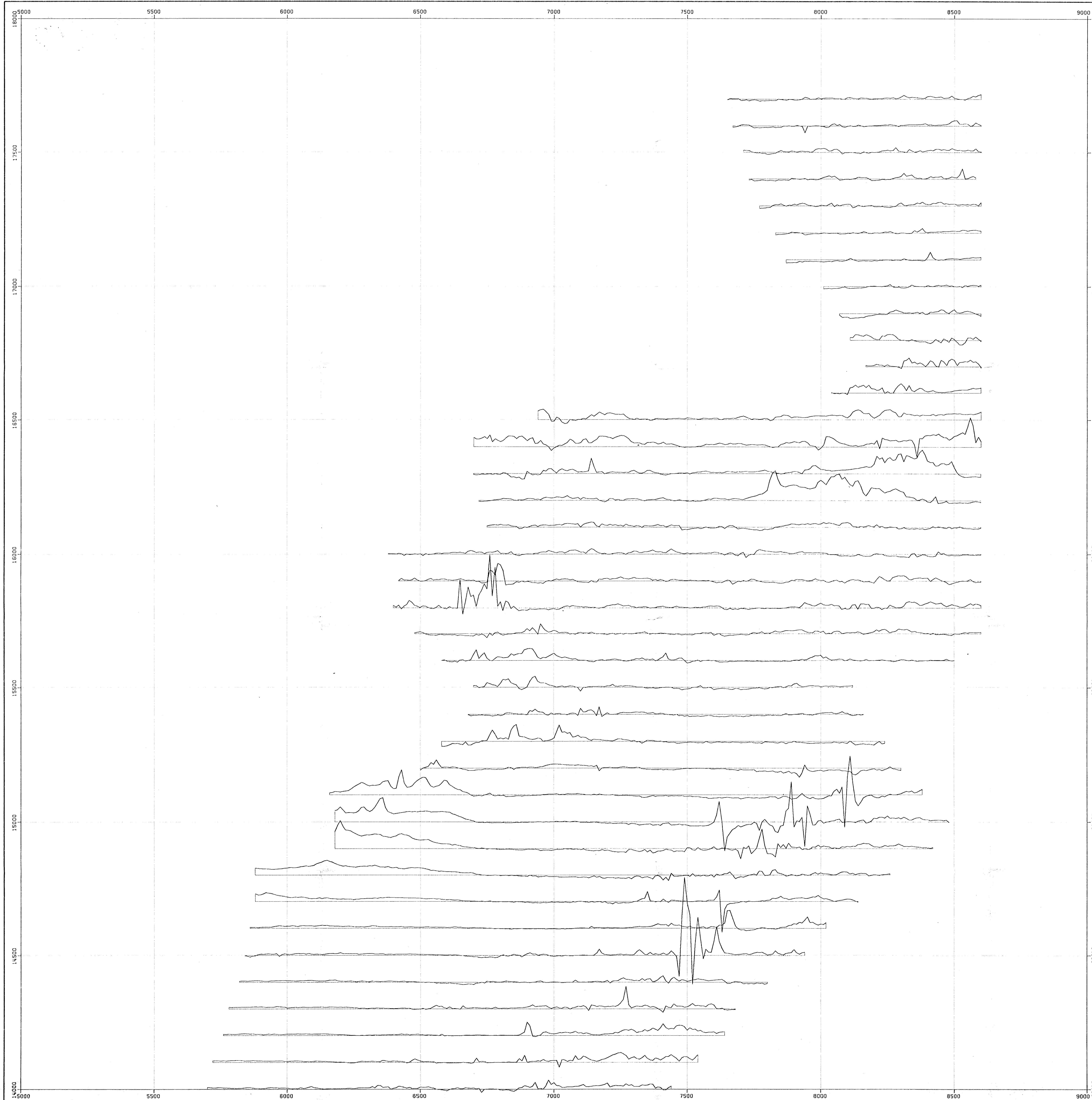
PROFILES:	MAG	FILE
EXPL-V-197	MAG-A	EXPL-V-197.MAG-A
EXPL-V-194A	MAG-A	EXPL-V-194A.MAG-A
EXPL-V-194A	MAG-B	EXPL-V-194A.MAG-B
EXPL-V-194A	MAG-E	EXPL-V-194A.MAG-E

SCALE: 1000 UNITS / CM
BASE LEVEL: 57100

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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DATA PLOTTED ON THIS MAP:

PROFILES:	MAG	FILE
SCALE:	1000 UNITS / CN	EXPLWY-197.MAG-A
BASE LEVEL:	57100	
PROFILES:	MAG	EXPLWY-194A.MAG-A
SCALE:	1000 UNITS / CN	
BASE LEVEL:	57100	
PROFILES:	MAG	EXPLWY-194A.MAG-B
SCALE:	1000 UNITS / CN	
BASE LEVEL:	57100	
PROFILES:	MAG	EXPLWY-194A.MAG-E
SCALE:	1000 UNITS / CN	
BASE LEVEL:	57100	

DIRECTION OF NORTH AT CENTRE OF MAP

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,475

0 125 250 375 500
METRES

DRAWN AC		PRIMONT-YORK MAG DATA (NORTH)	
DATE 04/09/25			
SCALE 1:5000			
		No. 84-11-V194-38-0030	



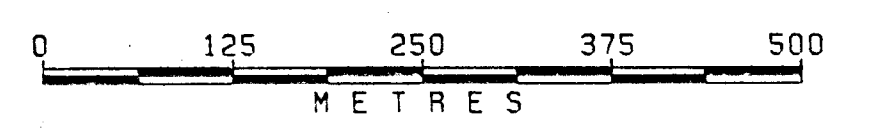
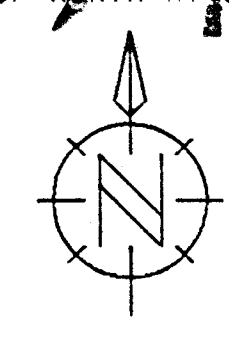
18000
17500
17000
16500
16000
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15000
14500
14000

DATA PLOTTED ON THIS MAP:

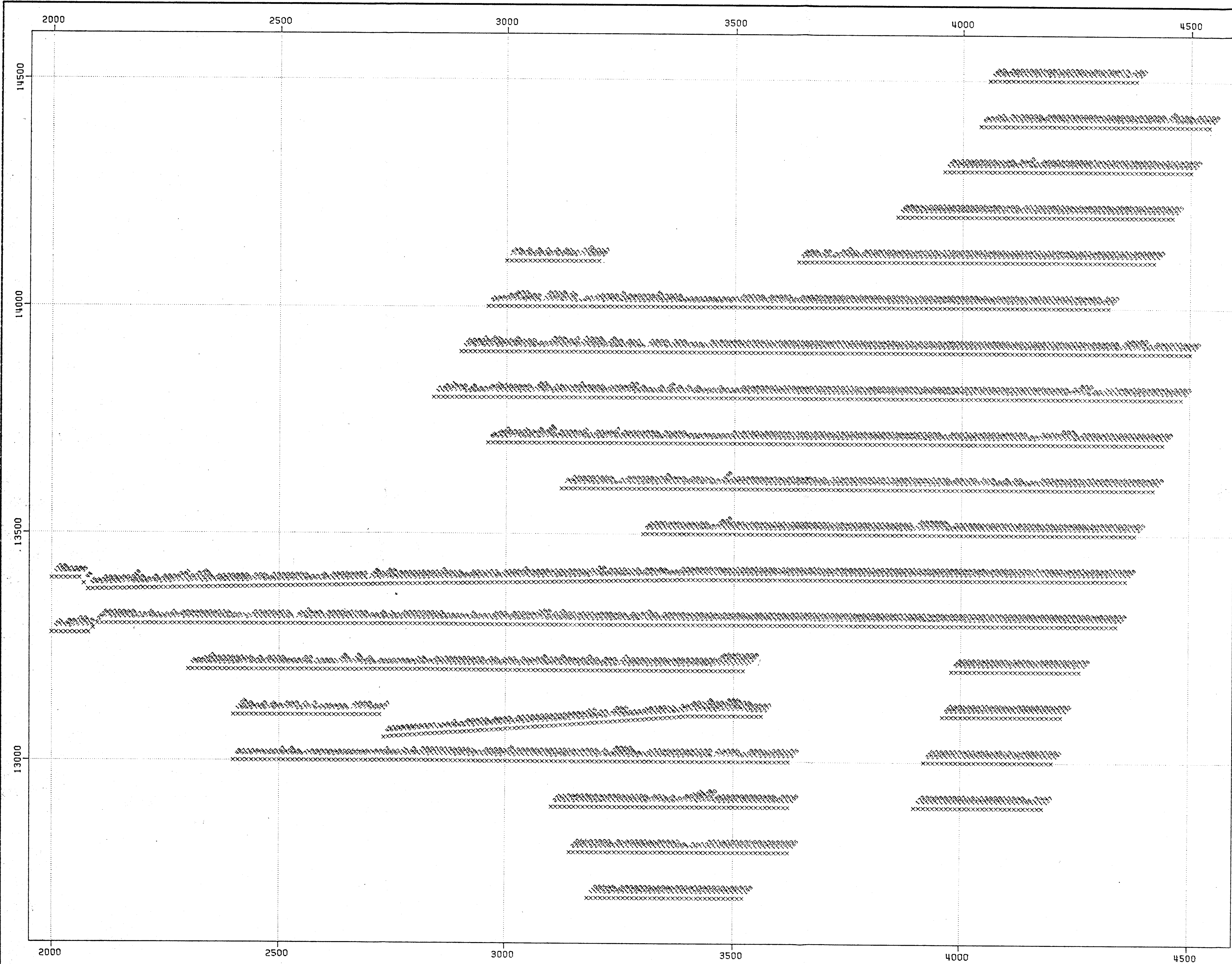
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x	POINTS: MAG	EXPL-V-197.MAG-A/S
▲	POINTS: MAG	EXPL-V-198A.MAG-B/S
□	POINTS: MAG	EXPL-V-198A.MAG-B/S
+	POINTS: MAG	EXPL-V-198A.MAG-E/S

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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DIRECTION OF NORTH CENTRE OF MAP



PLACER DEVELOPMENT LIMITED	
DRAWN: PLK	PRIMONT-YORK MAG DATA (NORTH)
DATE: 04/09/06	
SCALE: 1:5000	
NO.	84-II-V194-38-0032



V-194: HORSEFLY
 DATA COLLECTED WITH A
 DIGITAL MAGNETOMETER
 JUNE 1984

POSTED VALUE IS MAG
 READING - 57000

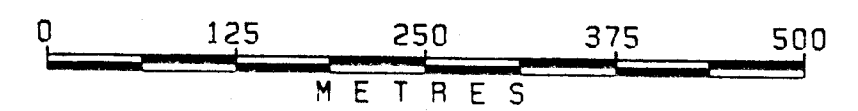
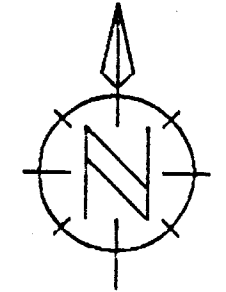
**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

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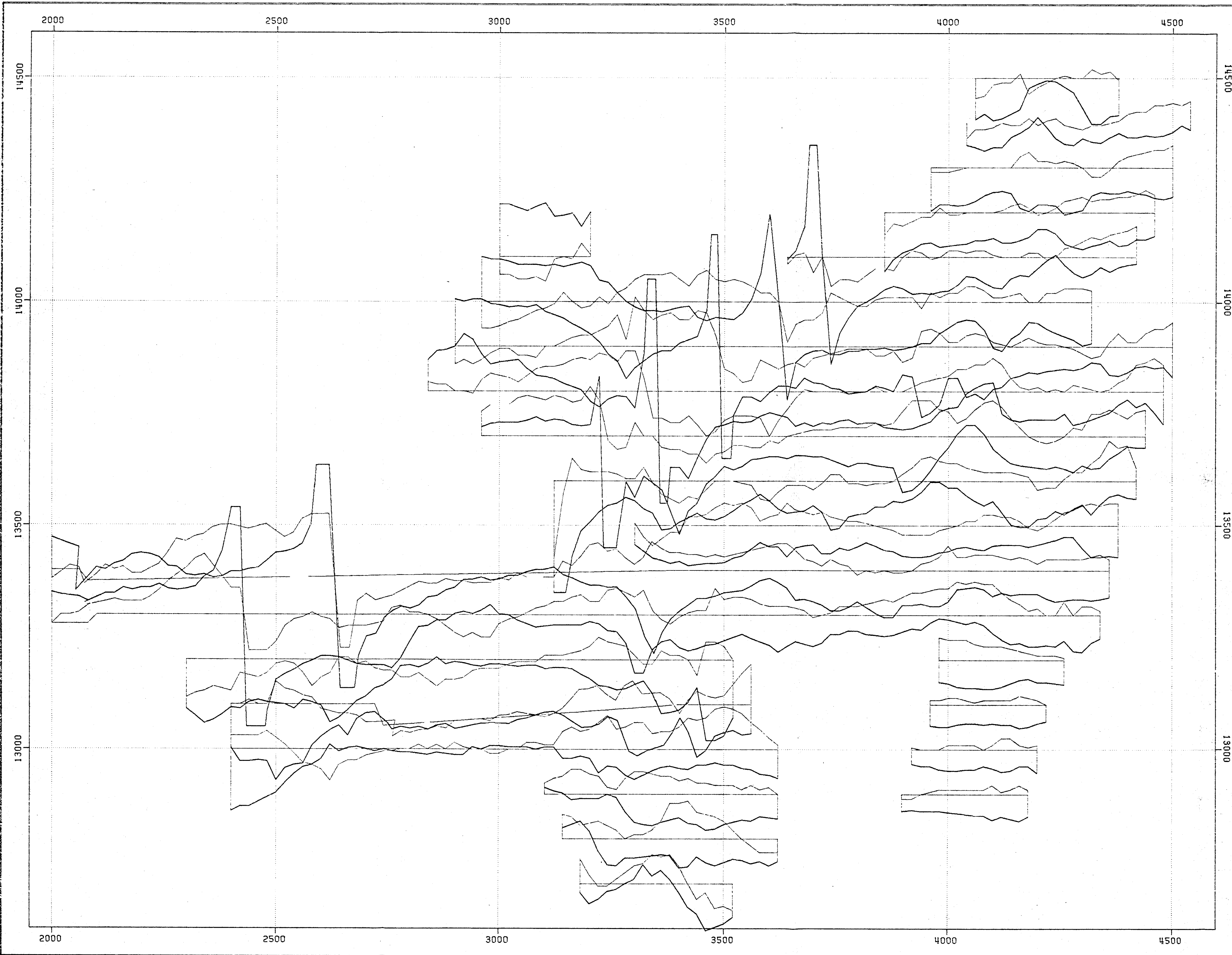
DATA PLOTTED ON THIS MAP:

FIELD FILE
 x POINTS: MAG EXPL-V-194-TMAG1.

DIRECTION OF NORTH AT CENTRE OF MAP



PLACER DEVELOPMENT LIMITED	
DRAWN BG	V-194: HORSEFLY
DATE 84/08/13	POSTED MAG DATA
SCALE 1:5000	
NO.	84-11-V194-3B-0023



V-194: HORSEFLY
 EM-16 DATA: JUNE 1984
 IN-PHASE AND QUADRATURE

DATA PLOTTED ON THIS MAP:

	FIELD	FILE
PROFILES: IP		EXPLV-194.HORSEFLY/GP-EM
SCALE:	20.0 UNITS / CM	
BASE LEVEL:	0.0	
PROFILES: 00		EXPLV-194.HORSEFLY/GP-EM
SCALE:	-10.0 UNITS / CM	
BASE LEVEL:	0.0	

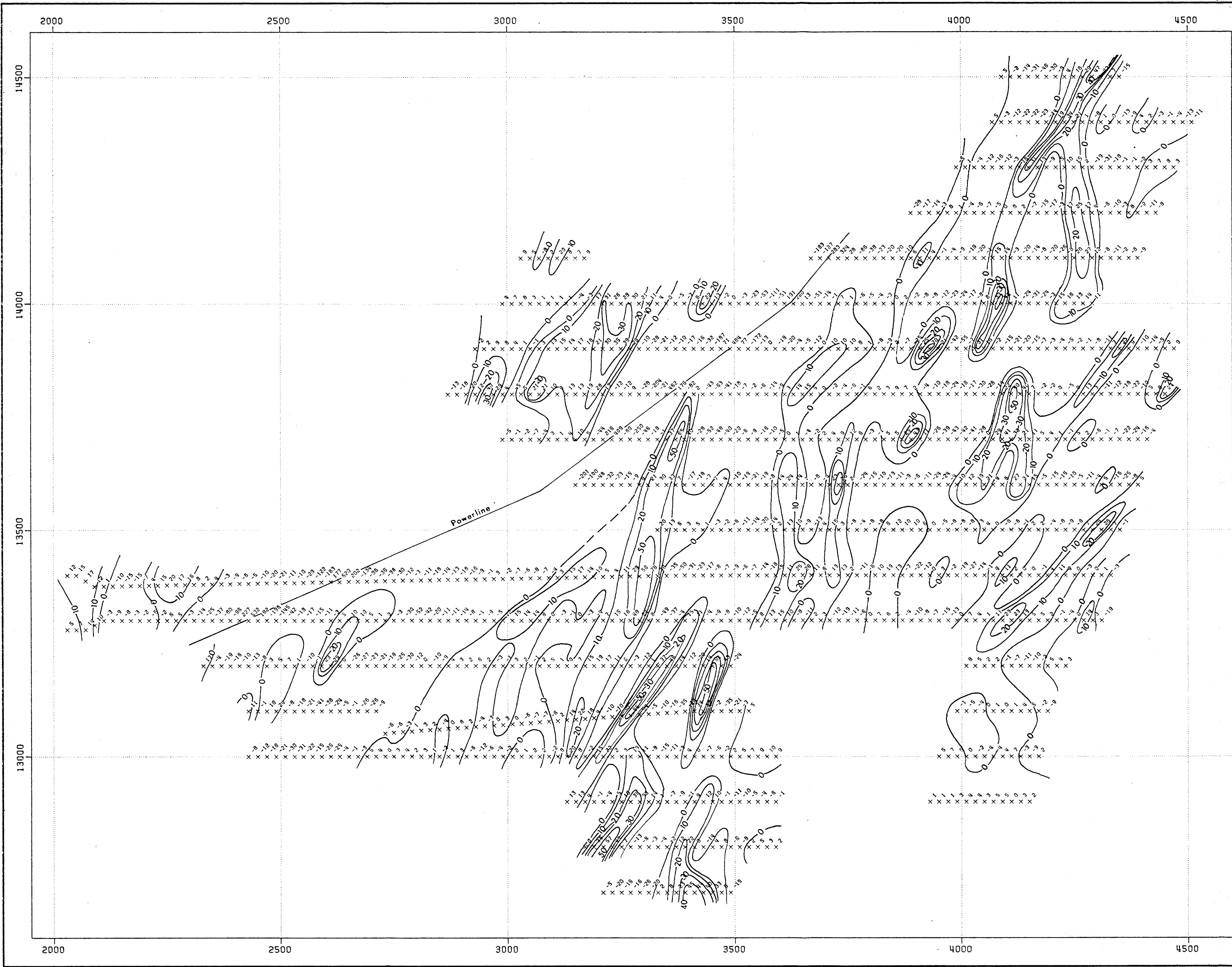
DIRECTION OF NORTH AT CENTRE OF MAP

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

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DRAWN BG		V-194: HORSEFLY	
DATE 84/07/12		EM - 16 PROFILES	
SCALE 1:5000			
NO.		84-11-V194-38-0024	



V-194: HORSEFLY

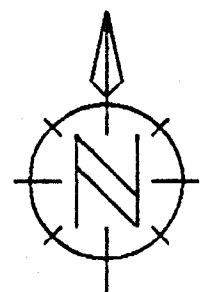
EM-16 DATA: JUNE 1984
FRASER FILTER

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,475

DATA PLOTTED ON THIS MAP:
FIELD FILE
x POINTS: IP EXPL-V-194-TEM.

DIRECTION OF NORTH AT CENTRE OF MAP



PLACER DEVELOPMENT LIMITED	
DRAWN BC	V-194: HORSEFLY
DATE 84/08/13	CONTOURED FRASER FILTERED DATA
SCALE 1:5000	
NO.	84-II-V194-3B-0025