

Tasmanian Mineral Exploration Company Report

Title: Renison Limited and Mitre Geophysics, Heemskirk Granite 1982-84
Company: PlacerDome

Plans from archive store in Zeehan

Compiled by David Green 4 June 2003.

03_4932

Renison Limited and Mitre Geophysics, Heemskirk
Granite 1982-84
Placer Dome Asia Pacific*
Green, D.

03_4932

Renison Limited and Mitre Geophysics, Heemskirk
Granite 1982-84
Placer Dome Asia Pacific*
Green, D.

Mt. Heemskirk

Dg
(Heemskirk Granite)

RENISON LTD.
E.L. 11/76

AGNEW GRID

Federation area

▲ Mt. Agnew

MT LYELL MG. & RLY. Co. Ltd.
S.P.L. 129

QUEEN HILL
Zeehan

▲ Mt. Zeehan

Granville
Harbour
Road
SOUTHERN OCEAN

5 cm

LEGEND:

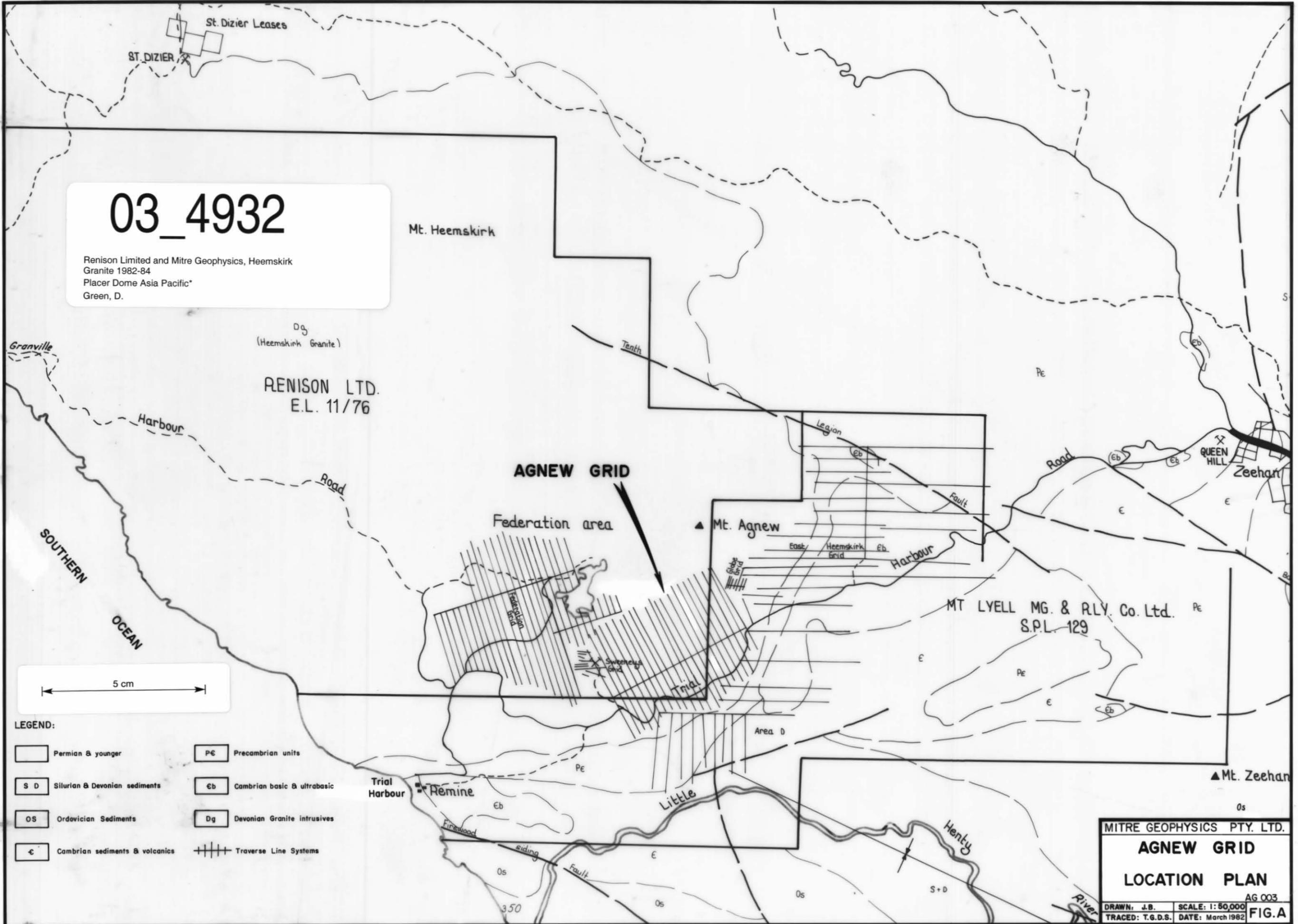
- | | |
|---|--|
|  Permian & younger |  PE Precambrian units |
|  S D Silurian & Devonian sediments |  Eb Cambrian basic & ultrabasic |
|  OS Ordovician Sediments |  Dg Devonian Granite intrusives |
|  E Cambrian sediments & volcanics |  Traverse Line Systems |

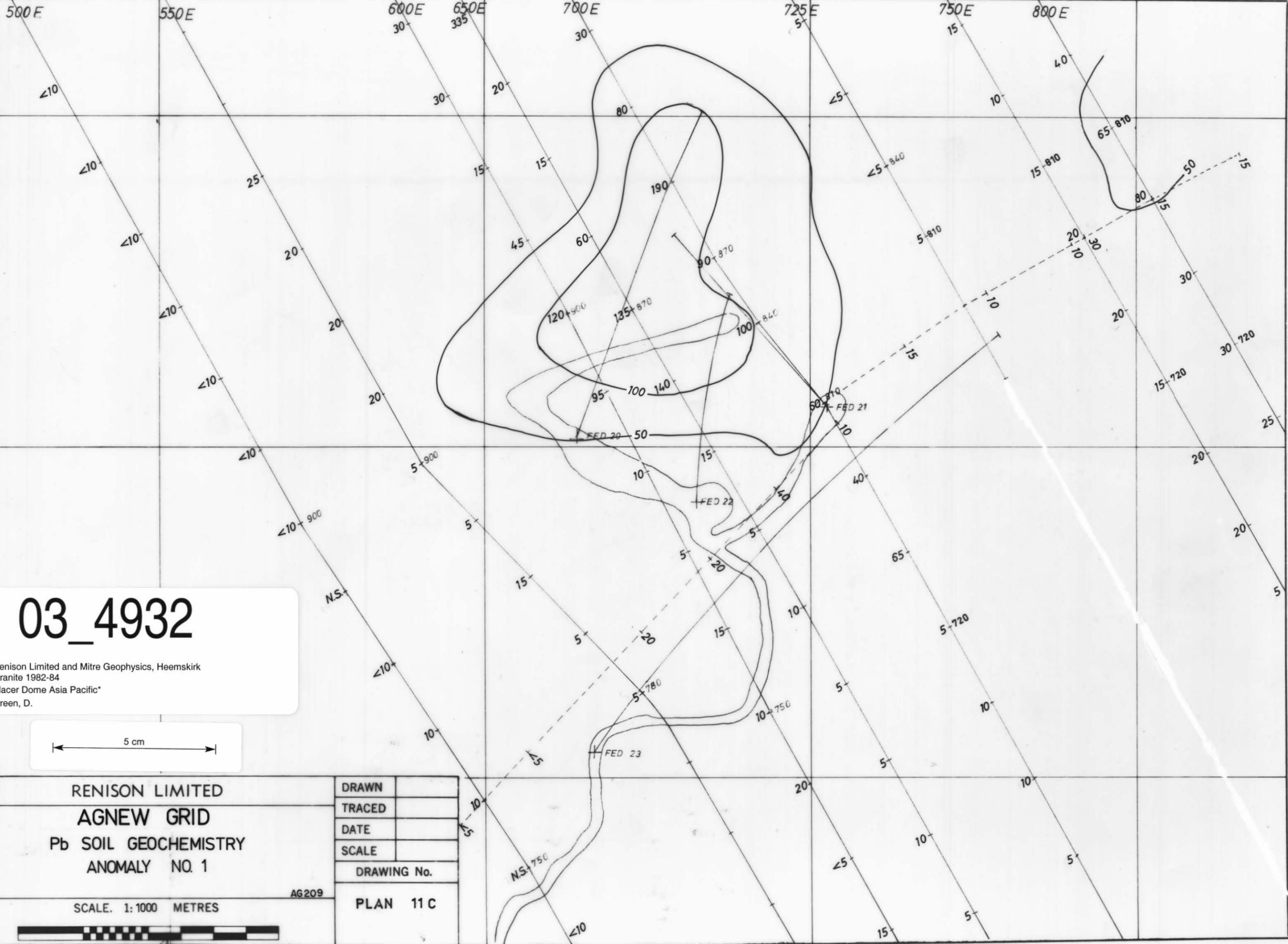
MITRE GEOPHYSICS PTY. LTD.

AGNEW GRID

LOCATION PLAN

AG 003
DRAWN: J.B. SCALE: 1:50,000
TRACED: T.G.D.S. DATE: March 1982 **FIG.A**





03_4932

Renison Limited and Mitre Geophysics, Heemskirk
 Granite 1982-84
 Placer Dome Asia Pacific*
 Green, D.

5 cm

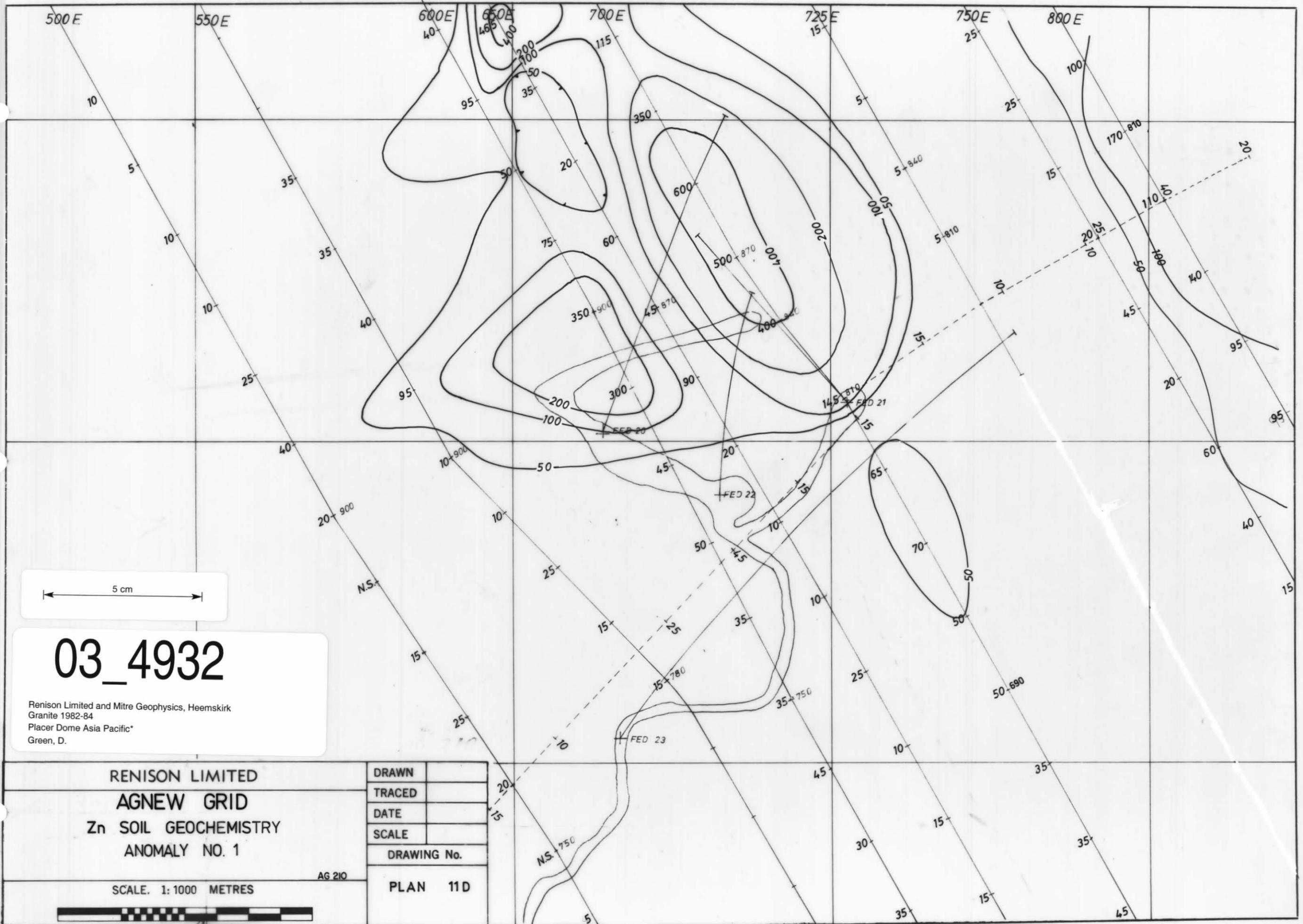
RENISON LIMITED
AGNEW GRID
Pb SOIL GEOCHEMISTRY
ANOMALY NO. 1

AG209

SCALE. 1:1000 METRES



DRAWN	
TRACED	
DATE	
SCALE	
DRAWING No.	
PLAN 11 C	



5 cm

03_4932

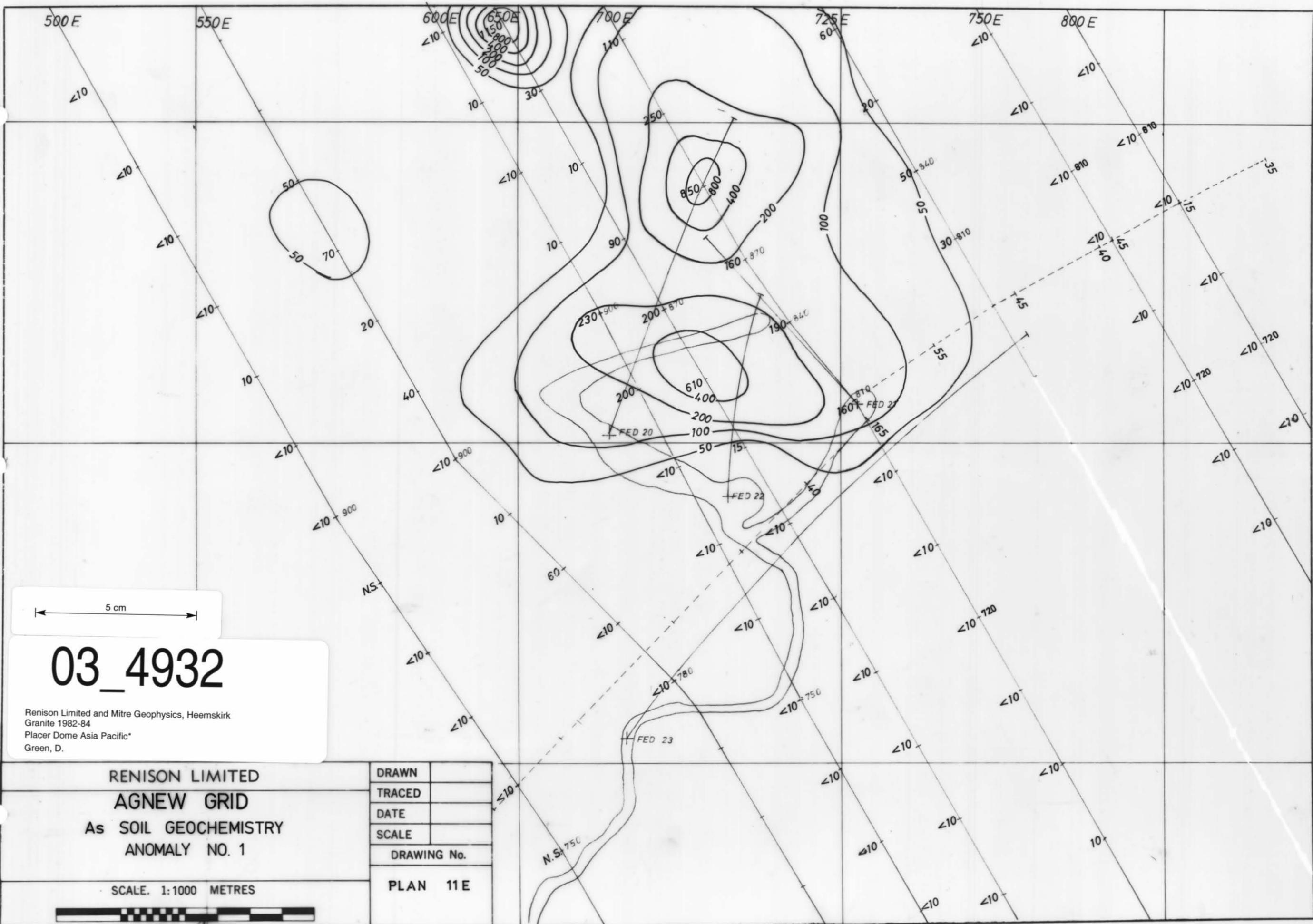
Renison Limited and Mitre Geophysics, Heemskirk
Granite 1982-84
Placer Dome Asia Pacific*
Green, D.

RENISON LIMITED
AGNEW GRID
Zn SOIL GEOCHEMISTRY
ANOMALY NO. 1

AG 210

SCALE. 1: 1000 METRES

DRAWN	
TRACED	
DATE	
SCALE	
DRAWING No.	
PLAN 11D	



5 cm

03_4932

Renison Limited and Mitre Geophysics, Heemskirk
 Granite 1982-84
 Placer Dome Asia Pacific*
 Green, D.

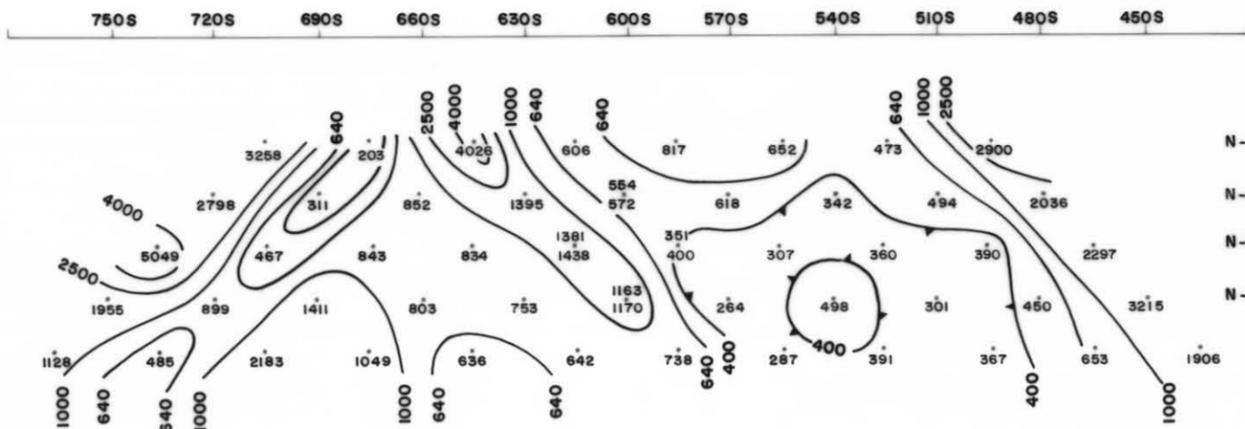
RENISON LIMITED
AGNEW GRID
 As SOIL GEOCHEMISTRY
 ANOMALY NO. 1

SCALE. 1:1000 METRES

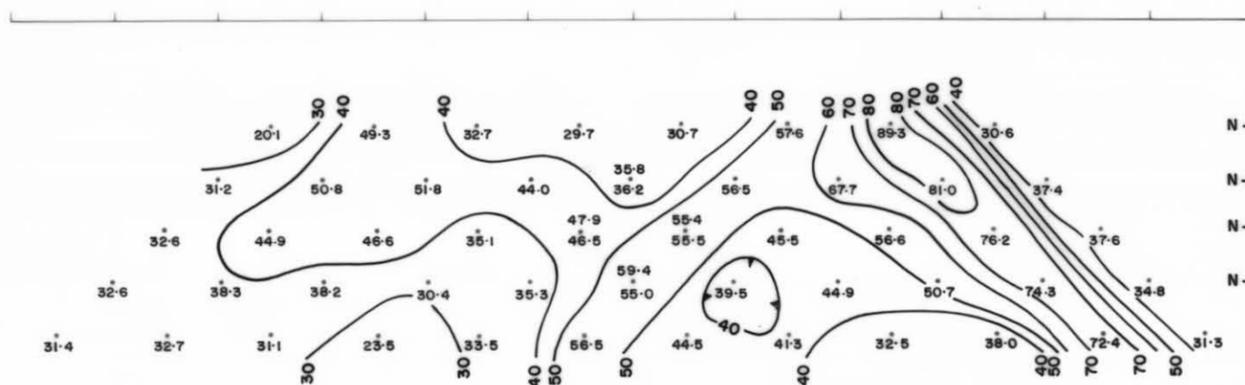


DRAWN	
TRACED	
DATE	
SCALE	
DRAWING No.	
PLAN 11 E	

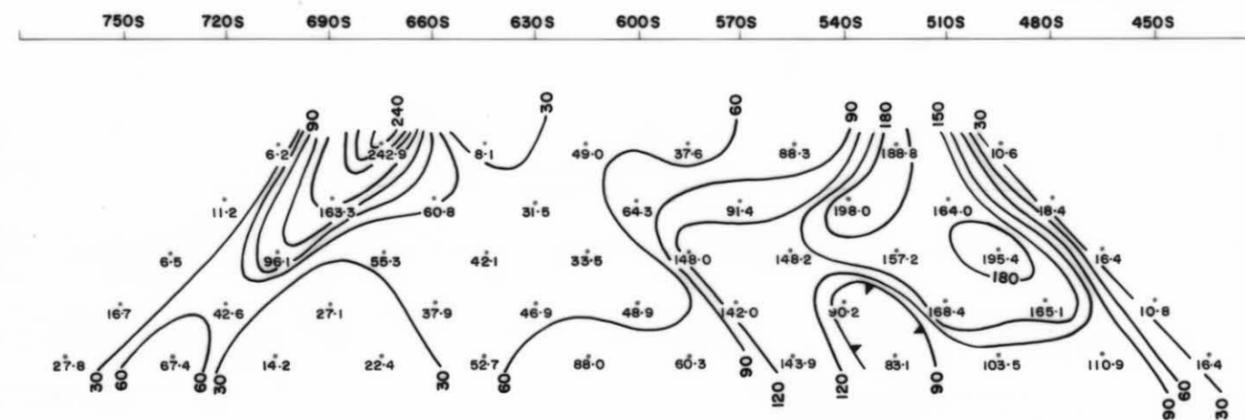
LINE: 350 E.



RESISTIVITY
(ohm-m)



CHARGEABILITY
(mv/v)



METAL FACTOR

Ref: RN/M082/03

MITRE GEOPHYSICS PTY. LTD.
AGNEW GRID
LINE 350 E.
dipole - dipole I.P.
Scale: 1:2000
Date: March 1982
FIG. 21

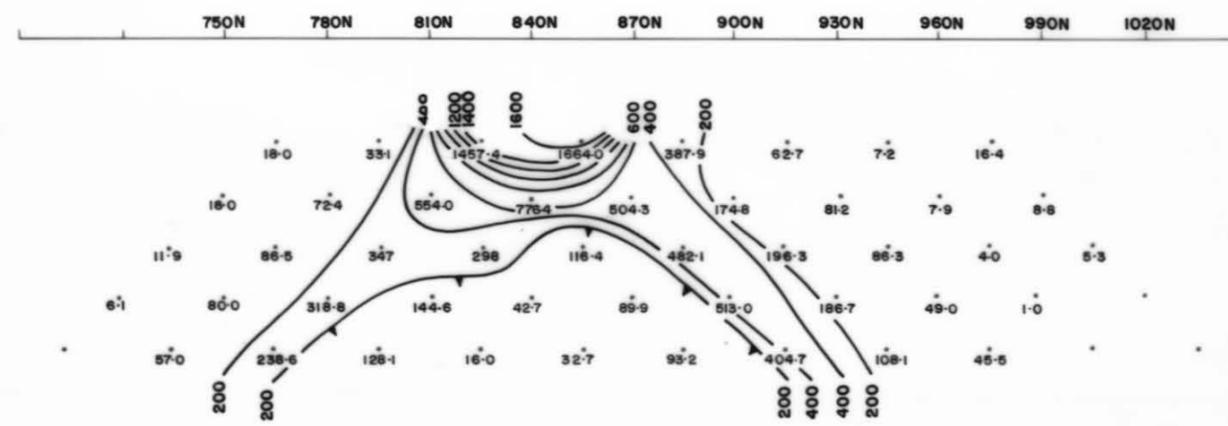
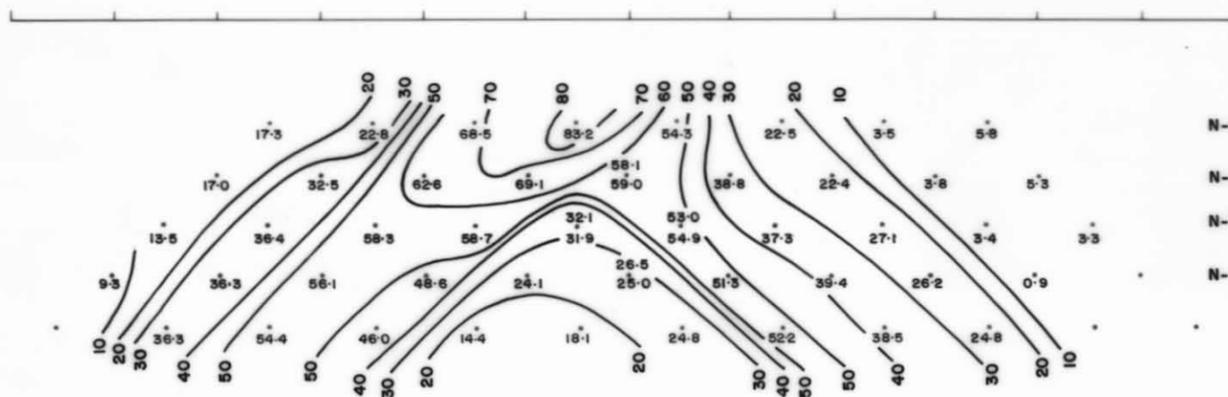
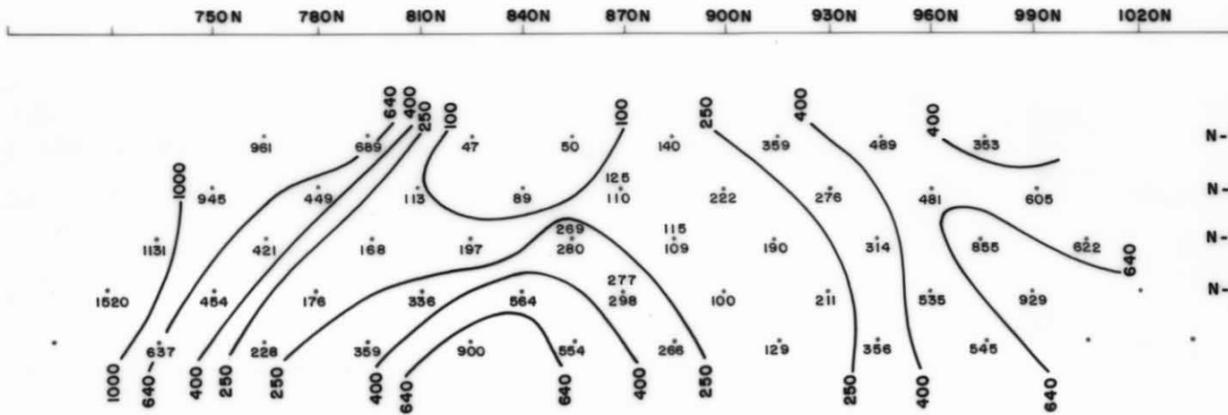
5 cm

03_4932

Renison Limited and Mitre Geophysics, Heemskirk
Granite 1982-84
Placer Dome Asia Pacific*
Green, D.

Survey by: Scintrex, 1981
dipole spacing: 30m
I.P. receiver: IPR-10
(2secs on 2secs off
M₃ plotted)

LINE: 650E.



Ref. RM/M882/03

MITRE GEOPHYSICS PTY. LTD.
AGNEW GRID
LINE 650E.
dipole - dipole I.P.
Scale 1:2000
Date March 1982
FIG. 1K

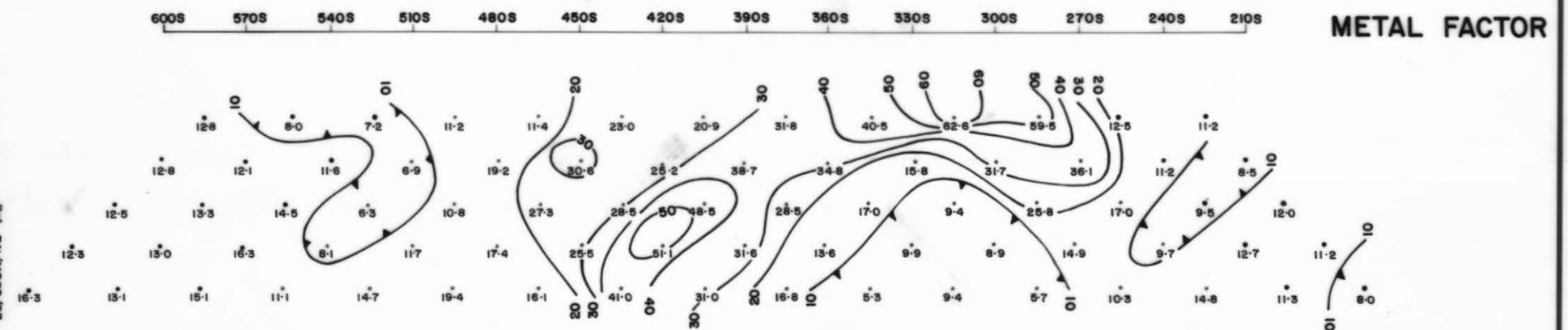
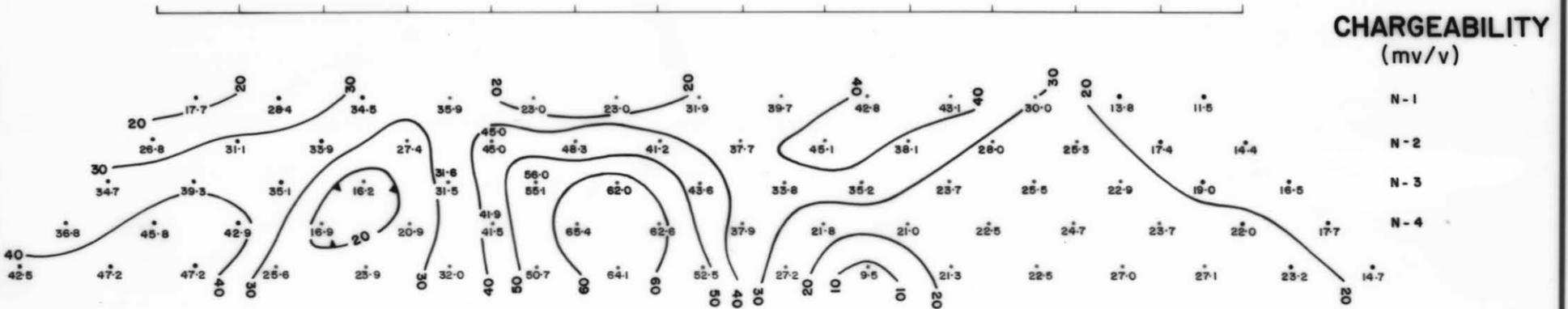
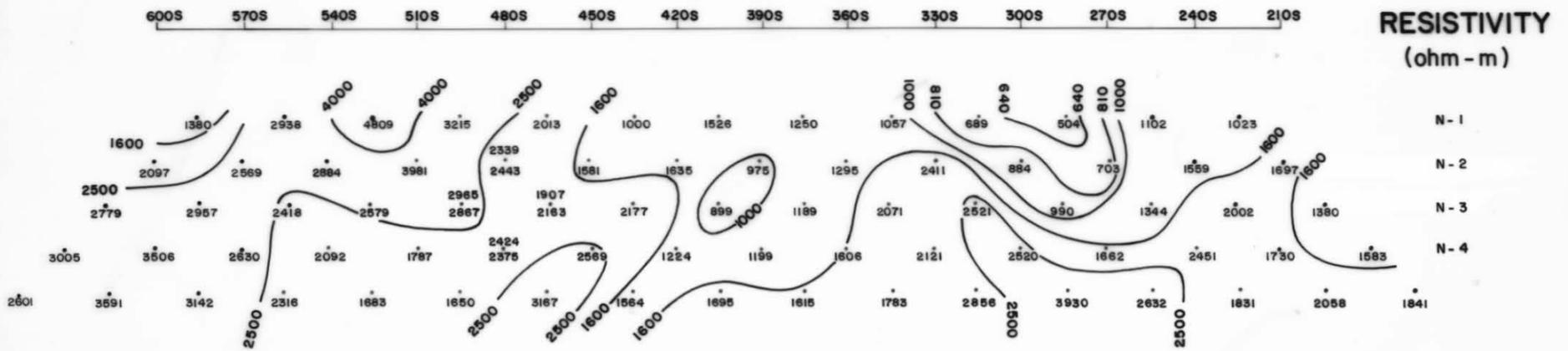
5 cm

03_4932

Renison Limited and Mitre Geophysics, Heemskirk
Granite 1982-84
Placer Dome Asia Pacific
Green, D.

Survey by: Scintrex, 1981
dipole spacing: 30m
I.P. receiver: IPR-10
(2secs on 2secs off
M₃ plotted)

LINE: 1800E.



5 cm

03_4932

Renison Limited and Mitre Geophysics, Heemskirk
Granite 1982-84
Placer Dome Asia Pacific*
Green, D.

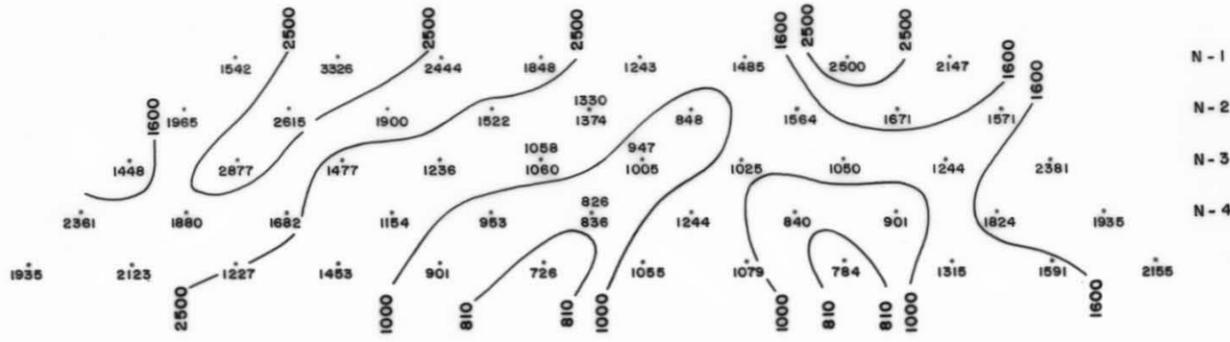
Survey by: Scintrex, 1981
dipole spacing: 30m
I.P. receiver: IPR-10
(2secs on 2secs off
M₃ plotted)

Ref. RN/MG82/03

MITRE GEOPHYSICS PTY. LTD.
AGNEW GRID
LINE 1800E.
dipole - dipole I.P.
Scale: 1:2000
Date: March 1982
FIG. 8

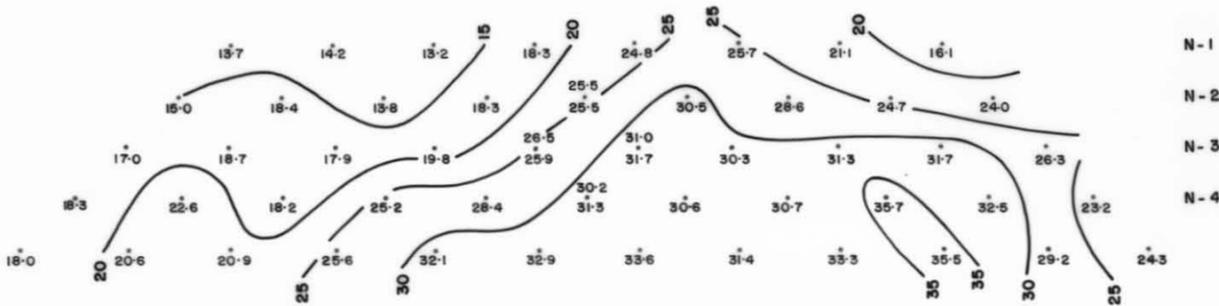
LINE: 1900E.

990N 1020N 1050N 1080N 1110N 1140N 1170N 1200N 1230N



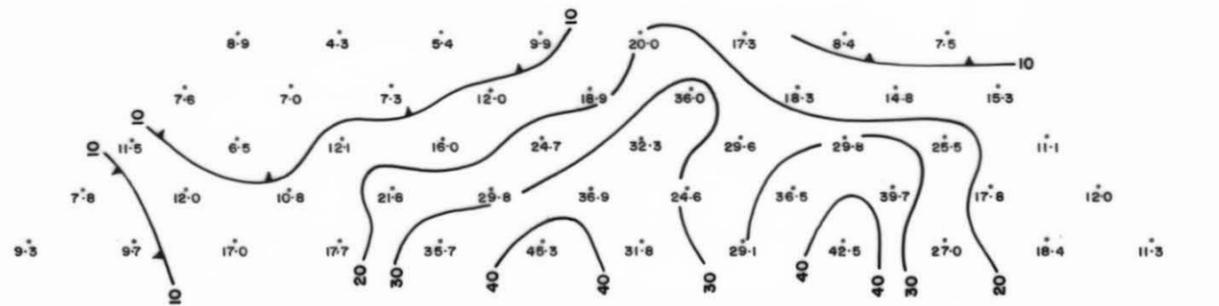
N-1
N-2 RESISTIVITY
N-3 (ohm-m)
N-4

990N 1020N 1050N 1080N 1110N 1140N 1170N 1200N 1230N



N-1
N-2 CHARGEABILITY
N-3 (mv/v)
N-4

990N 1020N 1050N 1080N 1110N 1140N 1170N 1200N 1230N



METAL FACTOR

Ref: RN/M982/03

MITRE GEOPHYSICS PTY. LTD.
AGNEW GRID
LINE 1900E.
dipole - dipole I.P.
Scale 1:2000
Date: March 1982
FIG. 9f.

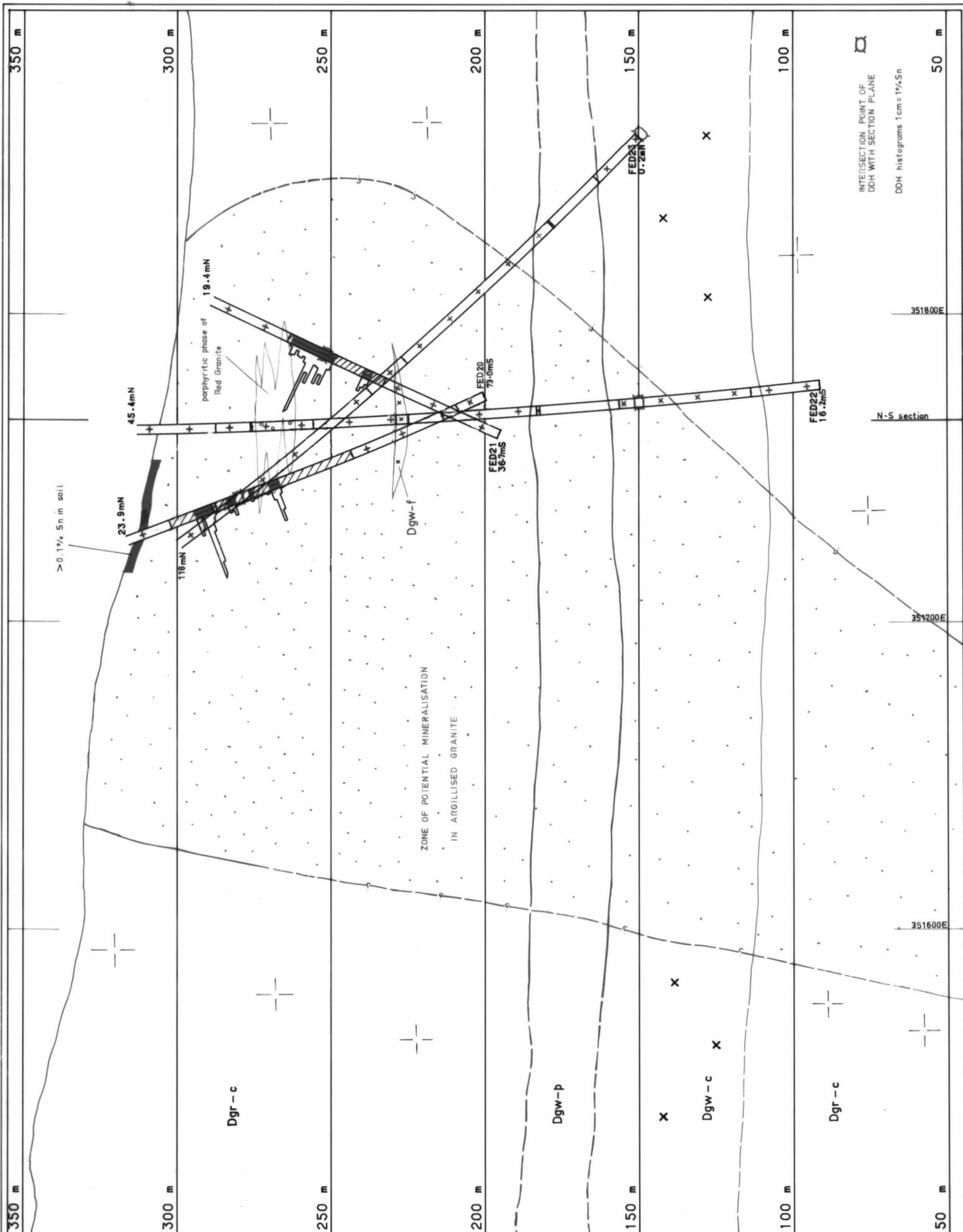
5 cm

03_4932

Renison Limited and Mitre Geophysics, Heemskirk
Granite 1982-84
Placer Dome Asia Pacific*
Green, D.

Survey by: Scintrex, 1981
dipole spacing: 30m
I.P. receiver: IPR-10
(2secs on 2secs off
M₃ plotted)

5 cm



INTERSECTION POINT OF DDH WITH SECTION PLANE
DDH histograms 1cm = 1%Sn

351800E

N-S section

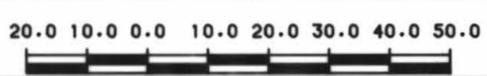
351700E

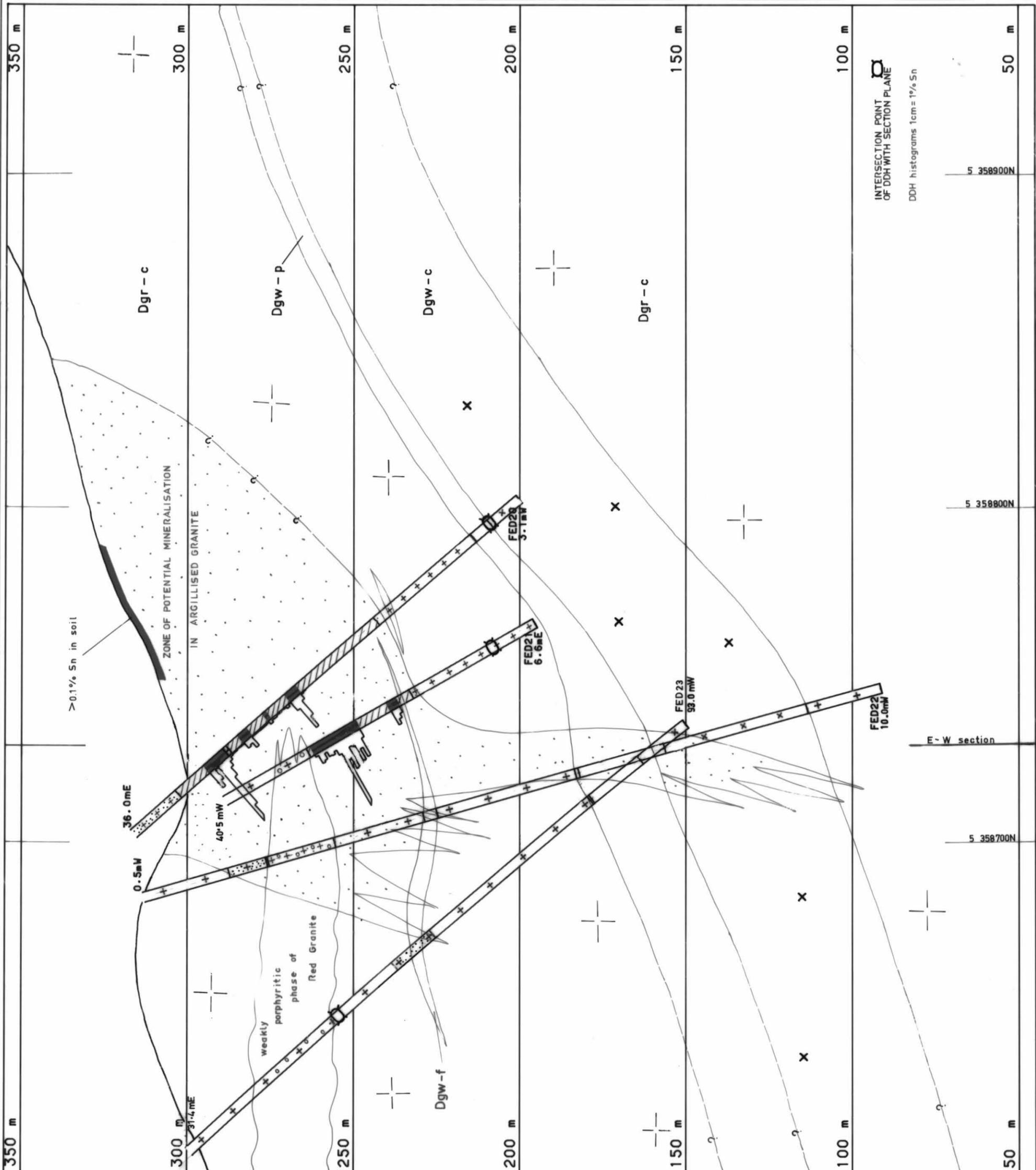
351600E

	> 0.1% Sn
	Sulphide bearing sericitised and argillised granite
	Coarse grained Red Granite (Dgr-c)
	Coarse grained White Granite (Dgw-c)
	Porphyritic fine grained White Granite (Dgw-p)
	Fine grained White Granite (Dgw-f)

RENISON LIMITED
AGNEW GRID - ANOMALY 1
 EAST - WEST SECTION
 BEARING 086 AMG THROUGH 5358725N, 351700E
 LOOKING NORTH

DRAWN	ESCS
TRACED	ESCS
DATE	5JUL82
SCALE	1:1000
DRAWING NO.	
PLAN 12	





- >0.1% Sn
- Sulphide bearing sericitised and argillised granite
- Coarse grained Red Granite (Dgr-c)
- Coarse grained White Granite (Dgw-c)
- Porphyritic fine grained White Granite (Dgw-p)
- Fine grained White Granite (Dgw-f)

RENISON LIMITED
AGNEW GRID ANOMALY 1
 NORTH-SOUTH SECTION
 BEARING 000 AMG ON 351765E
 LOOKING WEST

20.0 10.0 0.0 10.0 20.0 30.0 40.0 50.0

DRAWN	ESCS
TRACED	ESCS
DATE	5JUL82
SCALE	1:1000
DRAWING NO.	
PLAN 13	

INTERSECTION POINT
 OF DDH WITH SECTION PLANE
 DDH histograms 1cm = 1% Sn

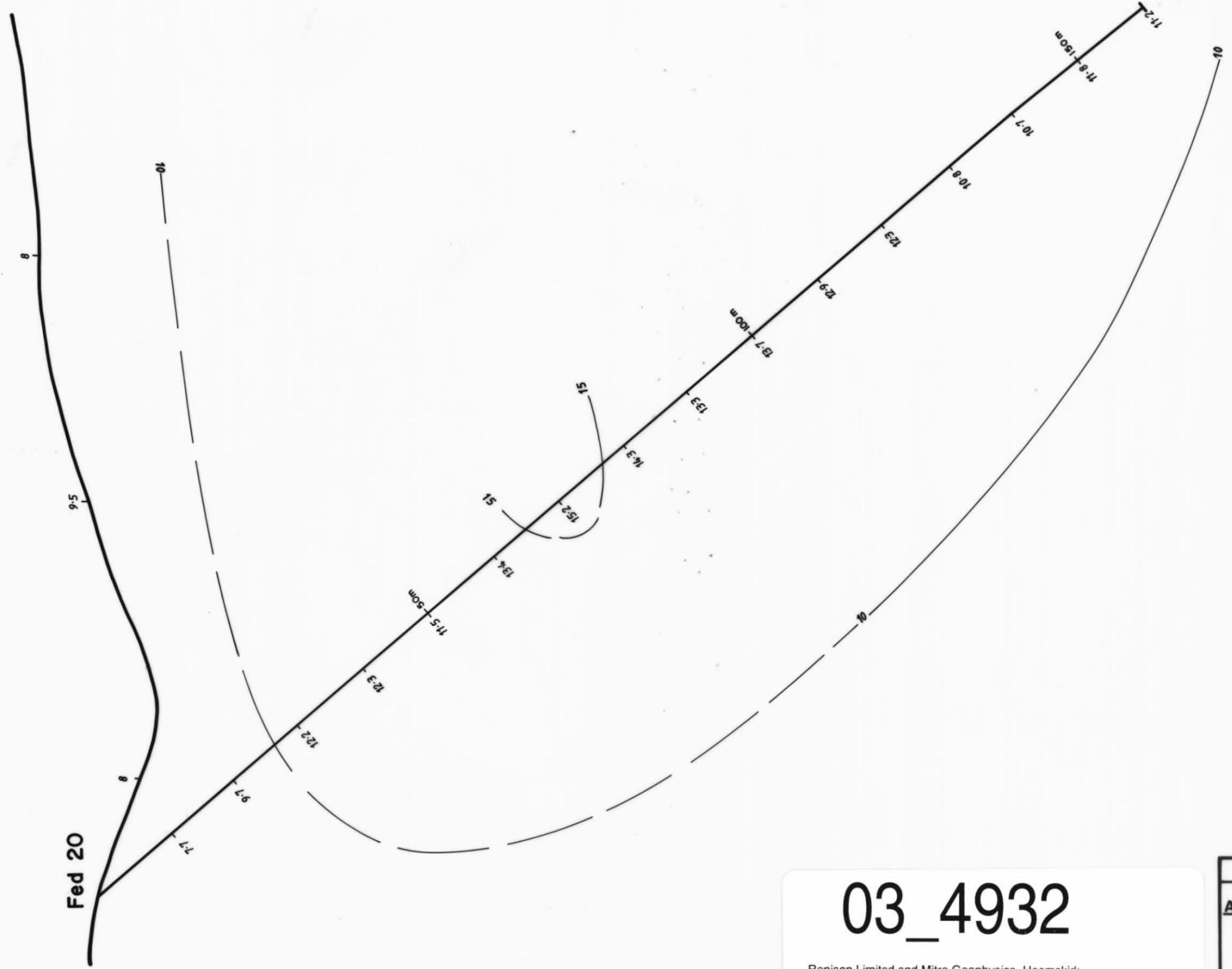
5 358900N

5 358800N

E-W section

5 358700N

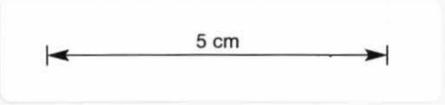
03_4932



X Fed 25

Fed 20

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 Granite 1982-84
 Placer Dome Asia Pacific*
 Green, D.

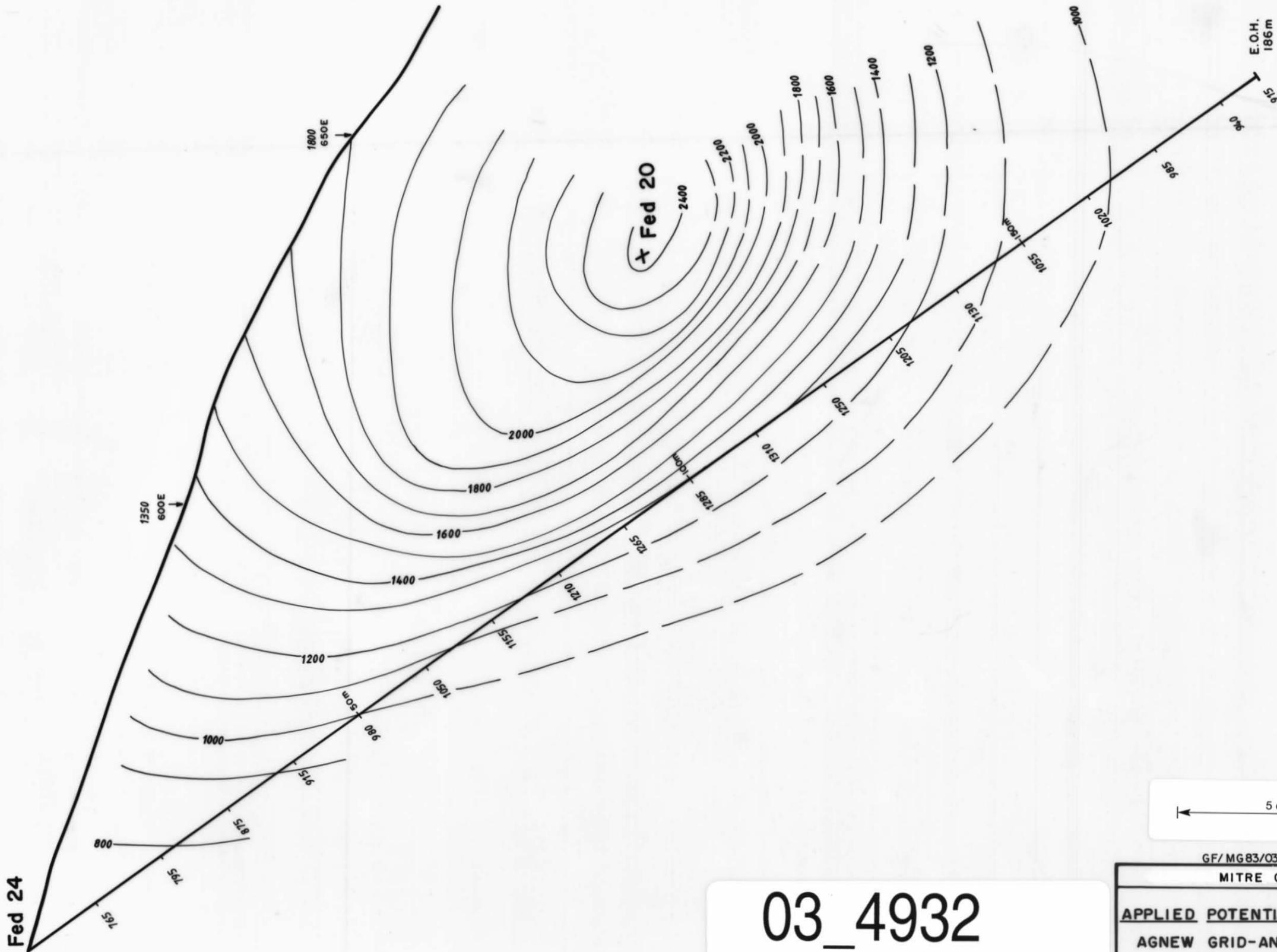


GF/ MG 83/03	
MITRE GEOPHYSICS	
APPLIED POTENTIAL SURVEY	DRAWN BY J.B.
AGNEW GRID - ANOMALY 1	DRAFTSMAN S.F.
DOWN FED 20	DATE Aug.83
FED 21 ENERGISED (at 45.5m)	REVISIONS
SECONDARY POTENTIAL (Vs)	FILE NO
SCALE 1: 500	FIG 19b



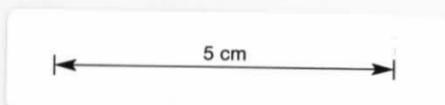
S.E.

N.W.



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Renison Limited and Mitre Geophysics, Heemskirk
 Granite 1982-84
 Placer Dome Asia Pacific*
 Green, D.



GF/MG83/Q3	
MITRE GEOPHYSICS	
APPLIED POTENTIAL SURVEY	DRAWN BY J.B.
AGNEW GRID-ANOMALY I	DRAFTSMAN S.F.
DOWN FED 24	DATE Aug.83
FED 20 ENERGISED:	REVISIONS
PRIMARY POTENTIAL (Vp)	FILE NO
SCALE 1:500	FIG. 18a

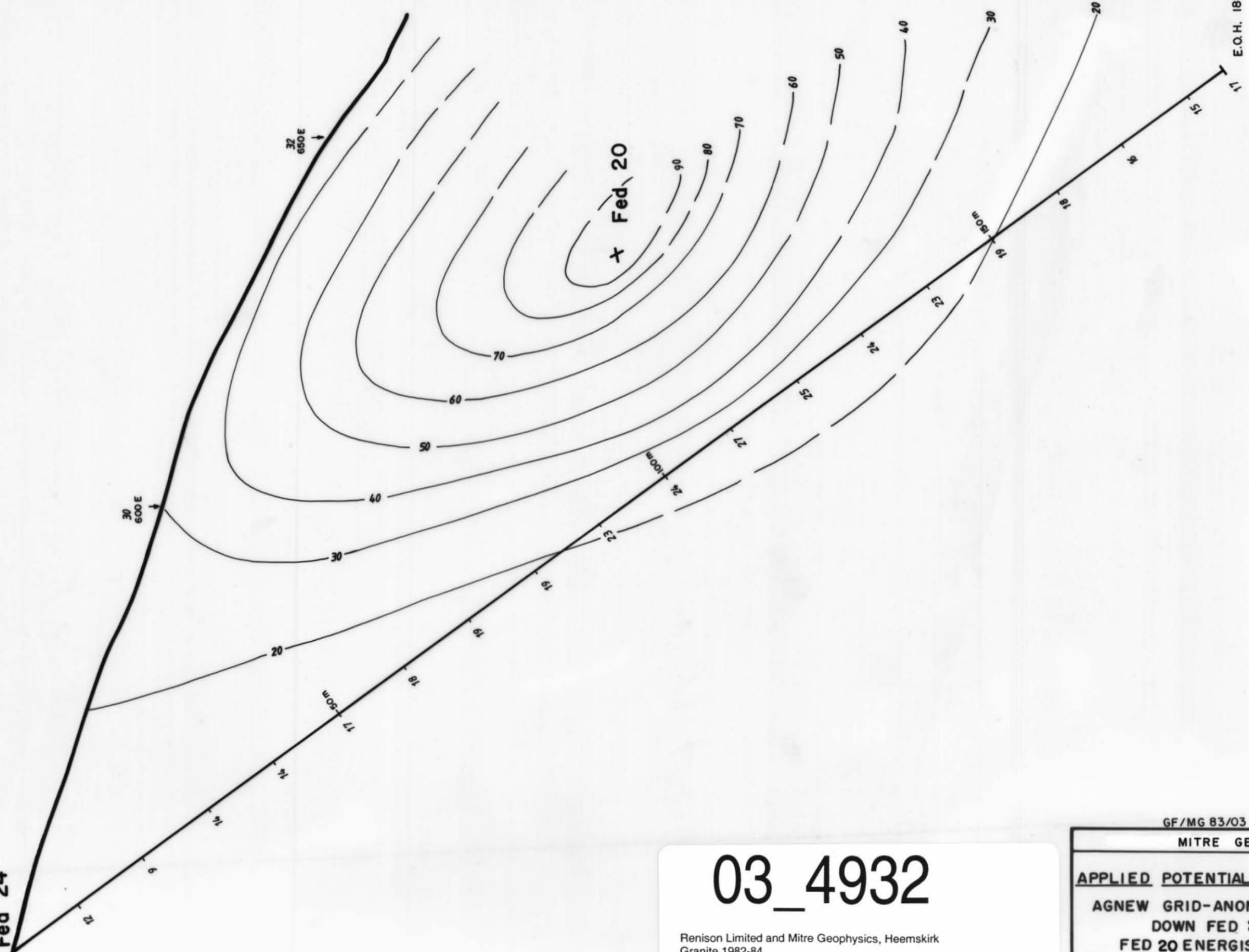
S.E.

N.W.

Fed 24

x Fed 20

E.O.H. 186 m



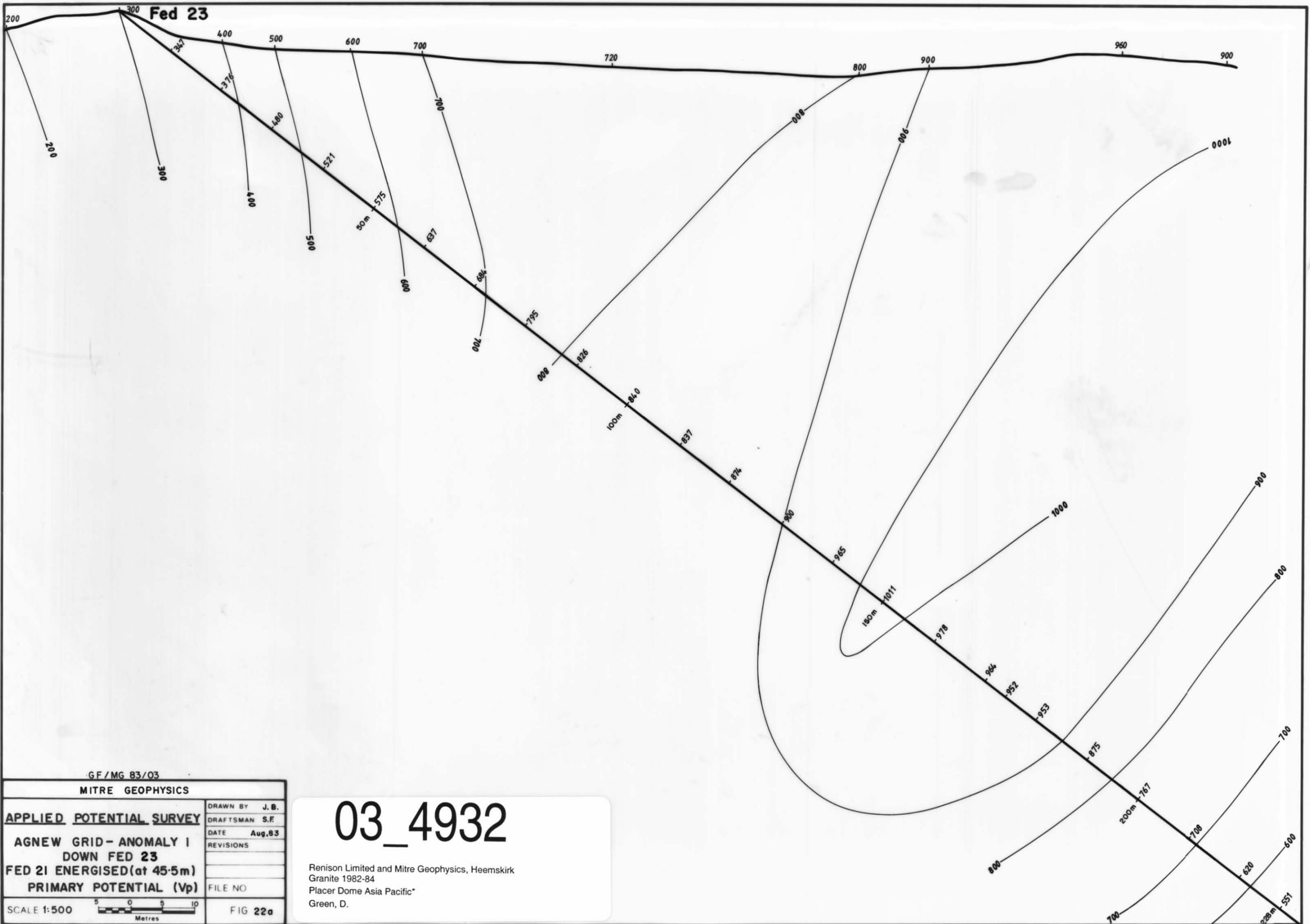
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Renison Limited and Mitre Geophysics, Heemskirk
 Granite 1982-84
 Placer Dome Asia Pacific*
 Green, D.

GF/MG 83/03	
MITRE GEOPHYSICS	
APPLIED POTENTIAL SURVEY	DRAWN BY J. B.
AGNEW GRID-ANOMALY I	DRAFTSMAN S. F.
DOWN FED 24	DATE Aug. 83
FED 20 ENERGISED:	REVISIONS
SECONDARY POTENTIAL (Vs)	FILE NO
SCALE 1:500	FIG. 18b



5 cm



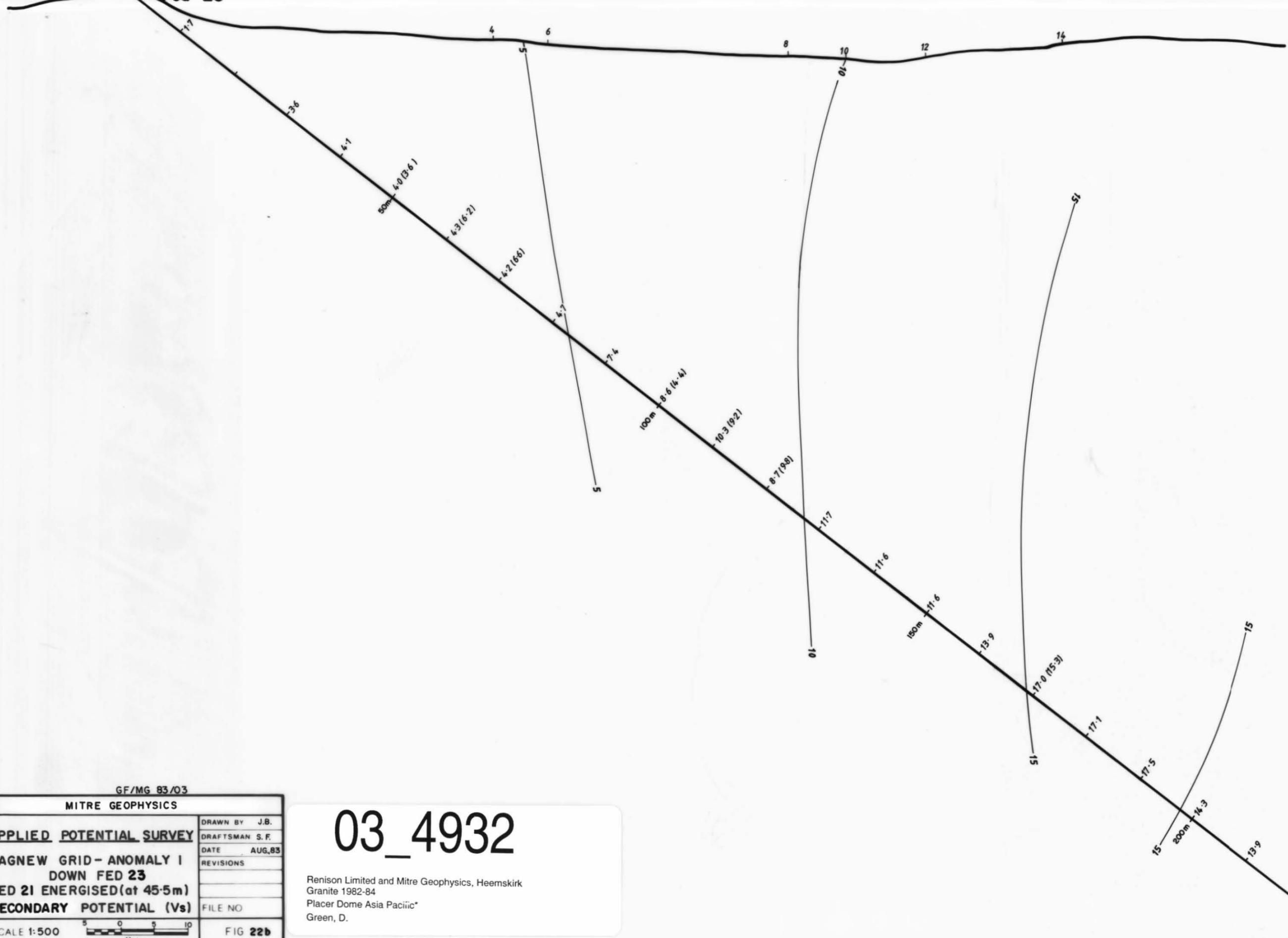
GF/MG 83/03	
MITRE GEOPHYSICS	
APPLIED POTENTIAL SURVEY	DRAWN BY J.B.
AGNEW GRID - ANOMALY I	DRAFTSMAN S.F.
DOWN FED 23	DATE Aug. 83
FED 21 ENERGISED (at 45.5m)	REVISIONS
PRIMARY POTENTIAL (Vp)	FILE NO
SCALE 1:500	FIG 22a

03_4932

Renison Limited and Mitre Geophysics, Heemskirk
 Granite 1982-84
 Placer Dome Asia Pacific*
 Green, D.

5 cm

Fed 23



GF/MG 83/03

MITRE GEOPHYSICS

APPLIED POTENTIAL SURVEY

AGNEW GRID - ANOMALY 1
 DOWN FED 23
 FED 21 ENERGISED (at 45.5m)
 SECONDARY POTENTIAL (Vs)

DRAWN BY	J.B.
DRAFTSMAN	S.F.
DATE	AUG, 83
REVISIONS	
FILE NO	

03_4932

Renison Limited and Mitre Geophysics, Heemskirk
 Granite 1982-84
 Placer Dome Asia Pacific*
 Green, D.

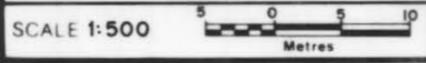
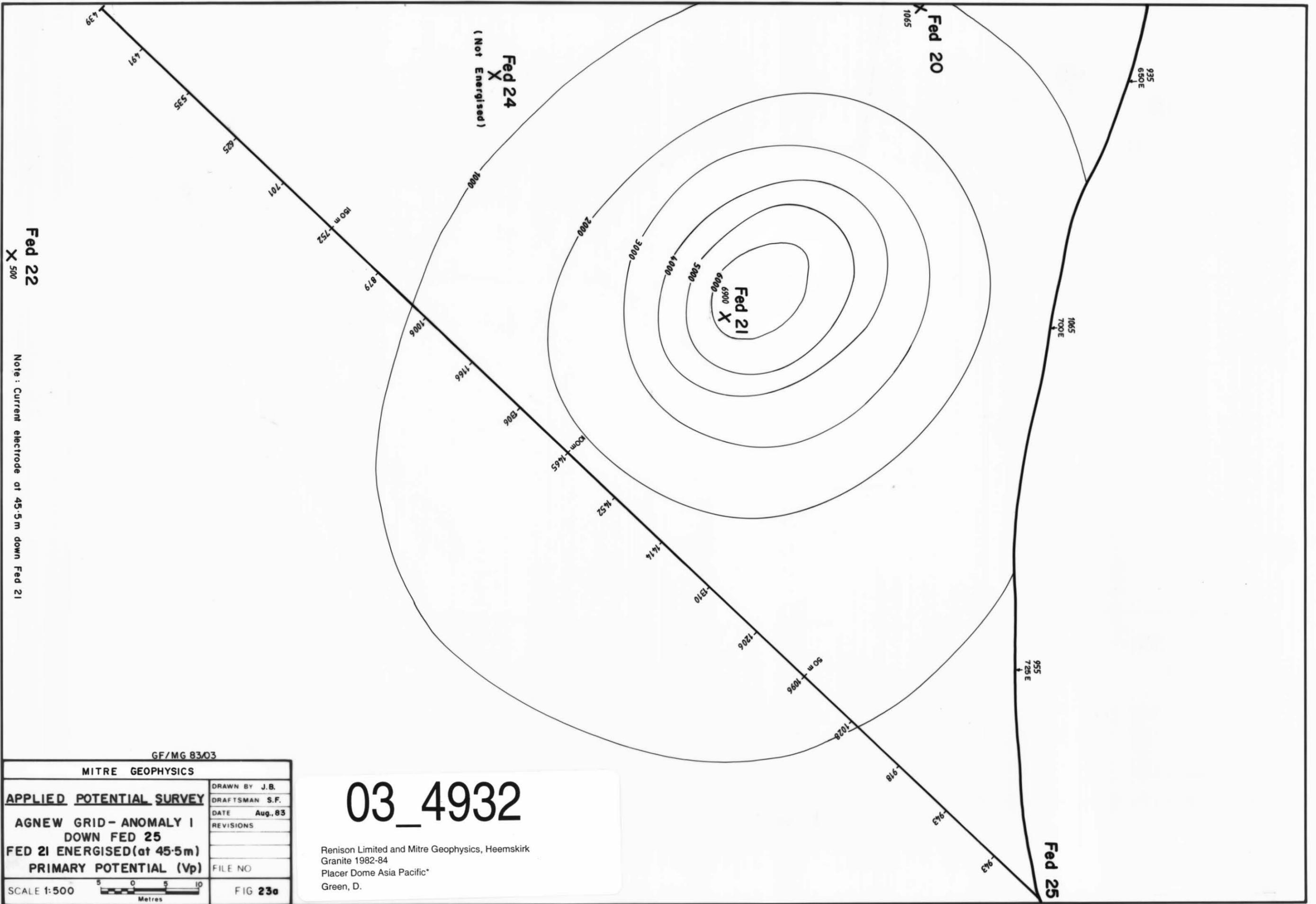


FIG 22b





Fed 22
X 500

Note: Current electrode at 45.5m down Fed 21

GF/MG 83/03

MITRE GEOPHYSICS

APPLIED POTENTIAL SURVEY

AGNEW GRID - ANOMALY I
DOWN FED 25
FED 21 ENERGISED (at 45.5m)
PRIMARY POTENTIAL (Vp)

SCALE 1:500



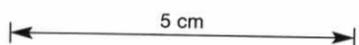
FIG 23a

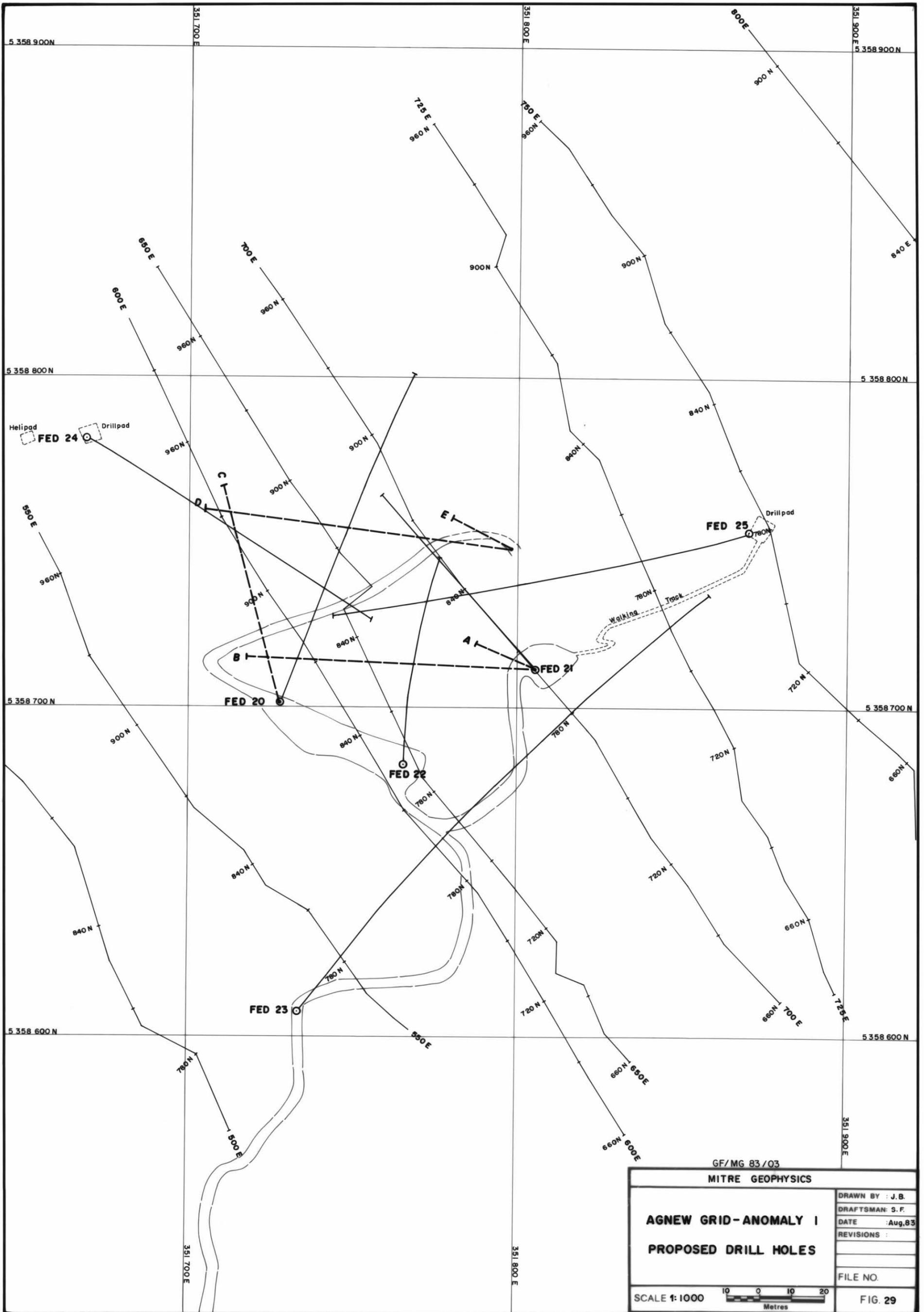
DRAWN BY J.B.
DRAFTSMAN S.F.
DATE Aug., 83
REVISIONS

FILE NO

03_4932

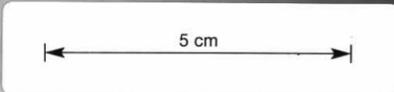
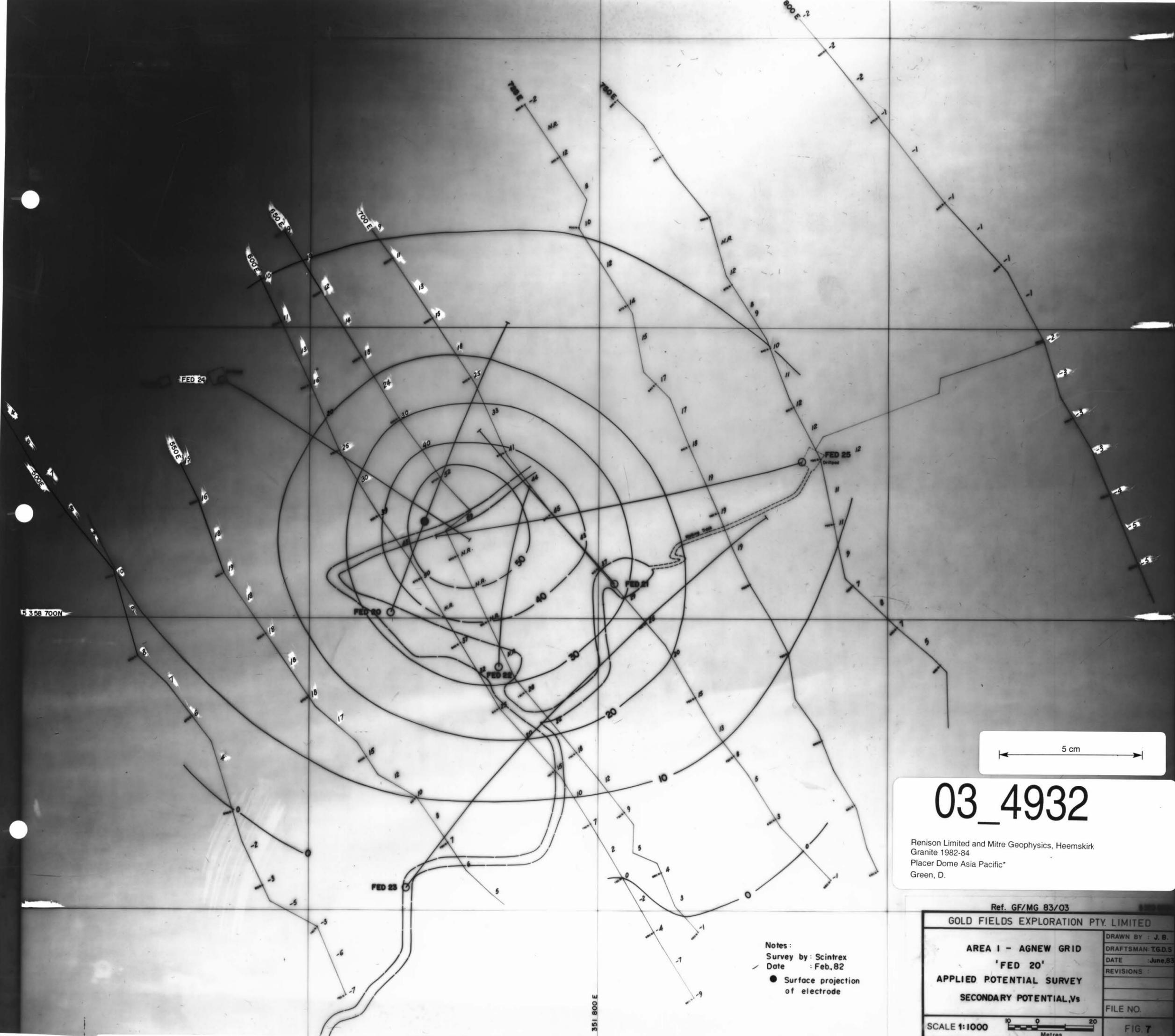
Renison Limited and Mitre Geophysics, Heemskirk
Granite 1982-84
Placer Dome Asia Pacific*
Green, D.





5 cm

03_4932

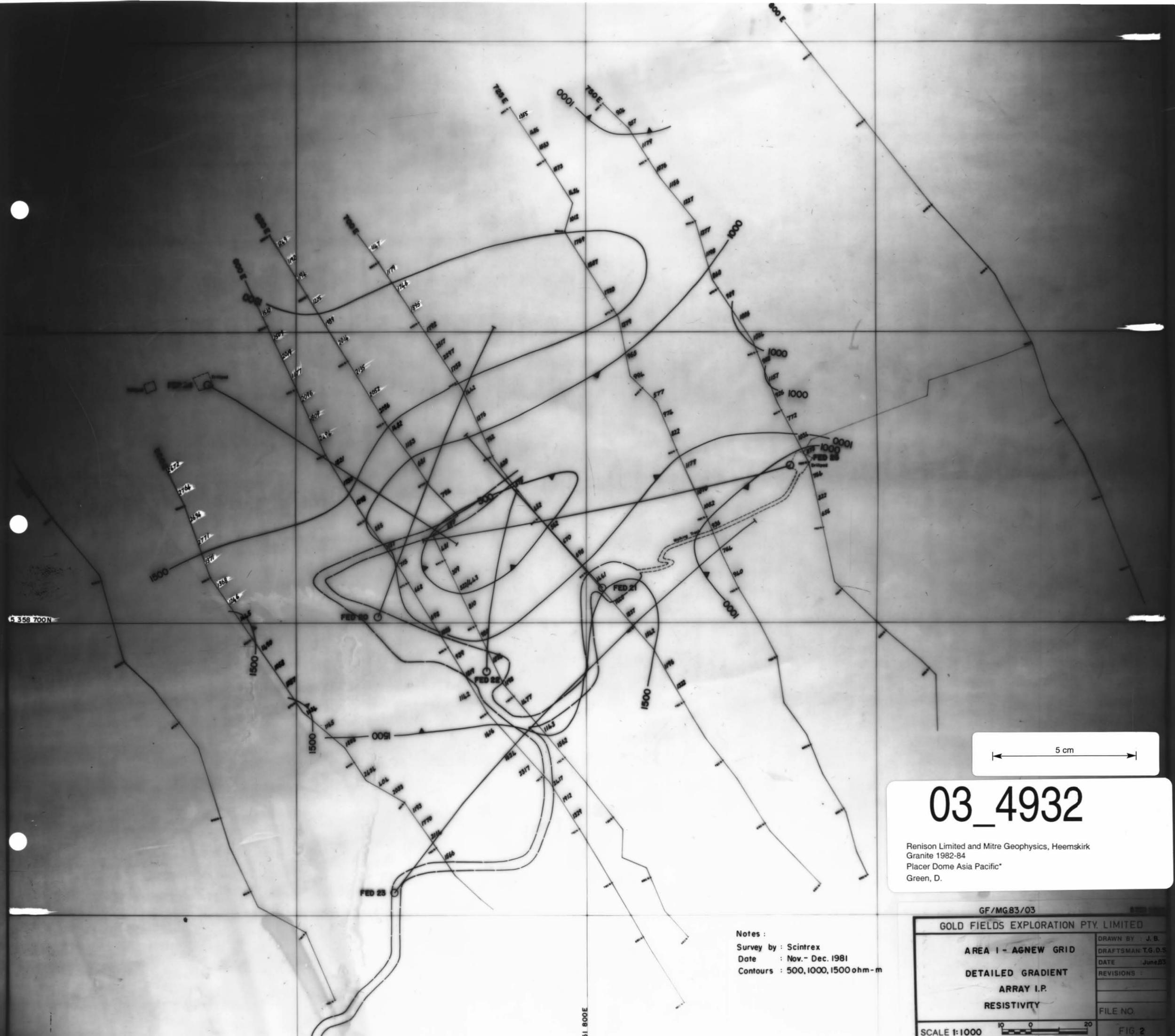


03_4932

Renison Limited and Mitre Geophysics, Heemskirk
 Granite 1982-84
 Placer Dome Asia Pacific*
 Green, D.

Notes:
 Survey by: Scintrex
 Date: Feb. 82
 ● Surface projection of electrode

Ref. GF/MG 83/03	
GOLD FIELDS EXPLORATION PTY. LIMITED	
AREA I - AGNEW GRID	
'FED 20'	
APPLIED POTENTIAL SURVEY	
SECONDARY POTENTIAL V _s	
DRAWN BY: J. B.	DRAFTSMAN: T.G.D.S.
DATE: June, 83	REVISIONS:
FILE NO.	FIG. 7
SCALE 1:1000	



03_4932

Renison Limited and Mitre Geophysics, Heemskirk
 Granite 1982-84
 Placer Dome Asia Pacific*
 Green, D.

Notes :
 Survey by : Scintrex
 Date : Nov. - Dec. 1981
 Contours : 500, 1000, 1500 ohm-m

GF/MG83/03	
GOLD FIELDS EXPLORATION PTY. LIMITED	
AREA 1 - AGNEW GRID	DRAWN BY : J. B.
DETAILED GRADIENT	DRAFTSMAN : T.G.D.S.
ARRAY I.P.	DATE : June 83
RESISTIVITY	REVISIONS :
SCALE 1:1000	FILE NO.
10 0 20 Metres	FIG 2

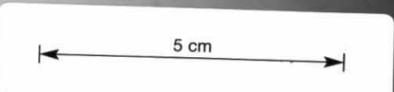
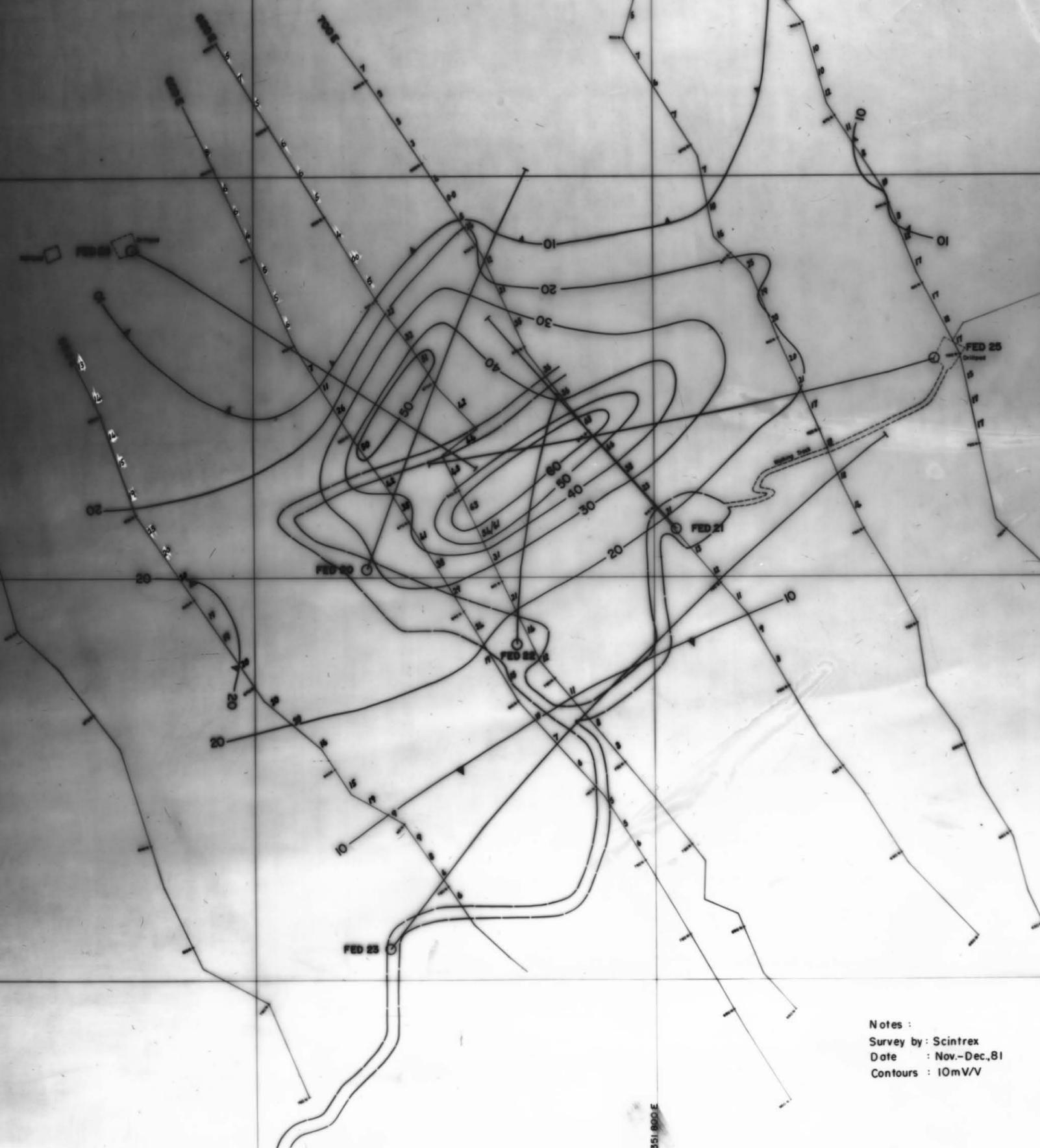
5358 700N

720 E

700 E

800 E

351 800 E



03-4932

Notes :
 Survey by : Scintrex
 Date : Nov.-Dec, 81
 Contours : 10mV/V

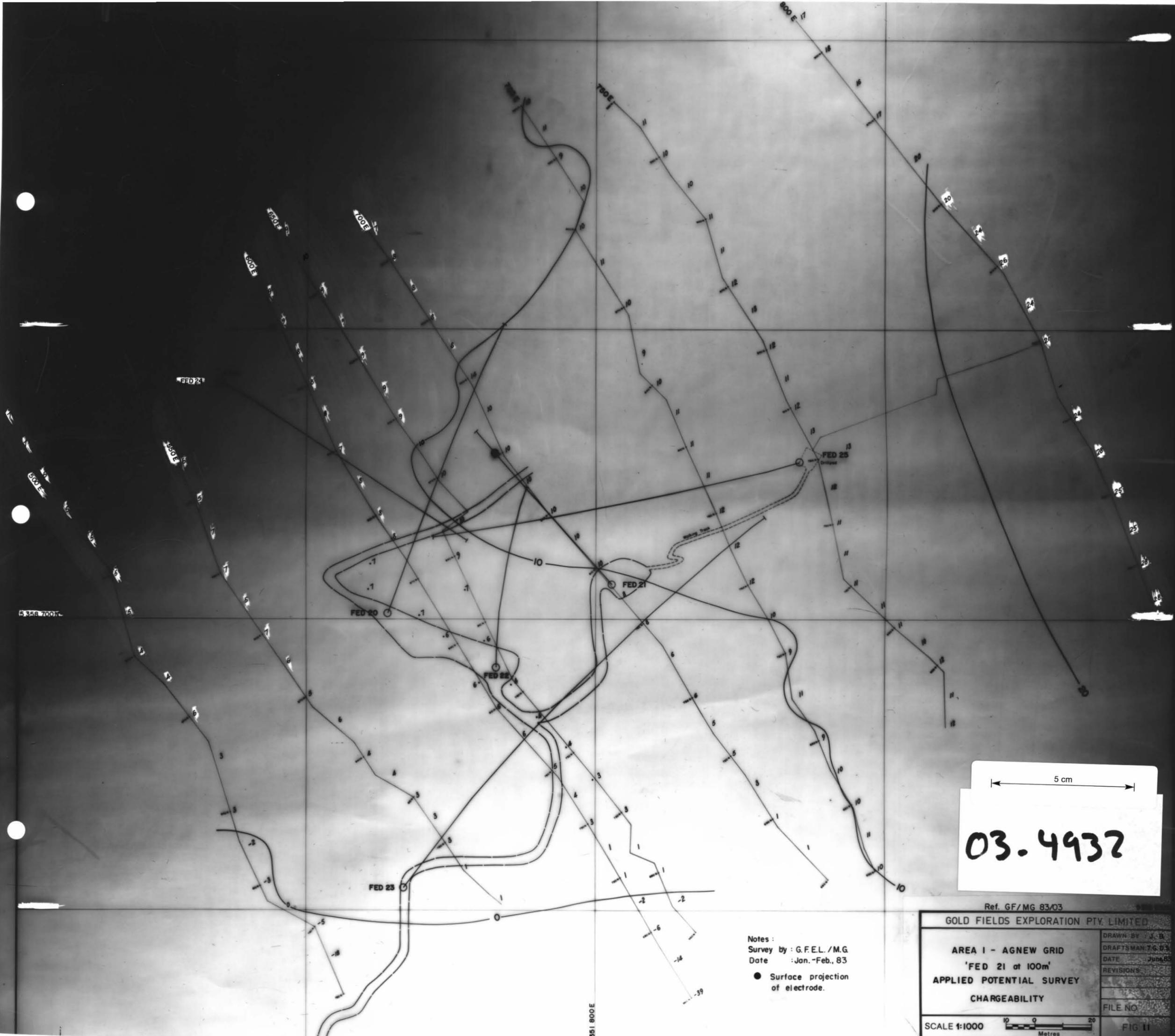
Ref. GF/MG 83/03

GOLD FIELDS EXPLORATION PTY. LIMITED

AREA 1 - AGNEW GRID
 DETAILED GRADIENT
 ARRAY I.P.
 CHARGEABILITY

DRAWN BY : J. B.
DRAFTSMAN : T.G.D.S.
DATE : June, 83
REVISIONS :
FILE NO. :
FIG. 1

SCALE 1:1000



Notes:
 Survey by : G.F.E.L. / M.G.
 Date : Jan.-Feb., 83

● Surface projection of electrode.

5 cm
 03.4932

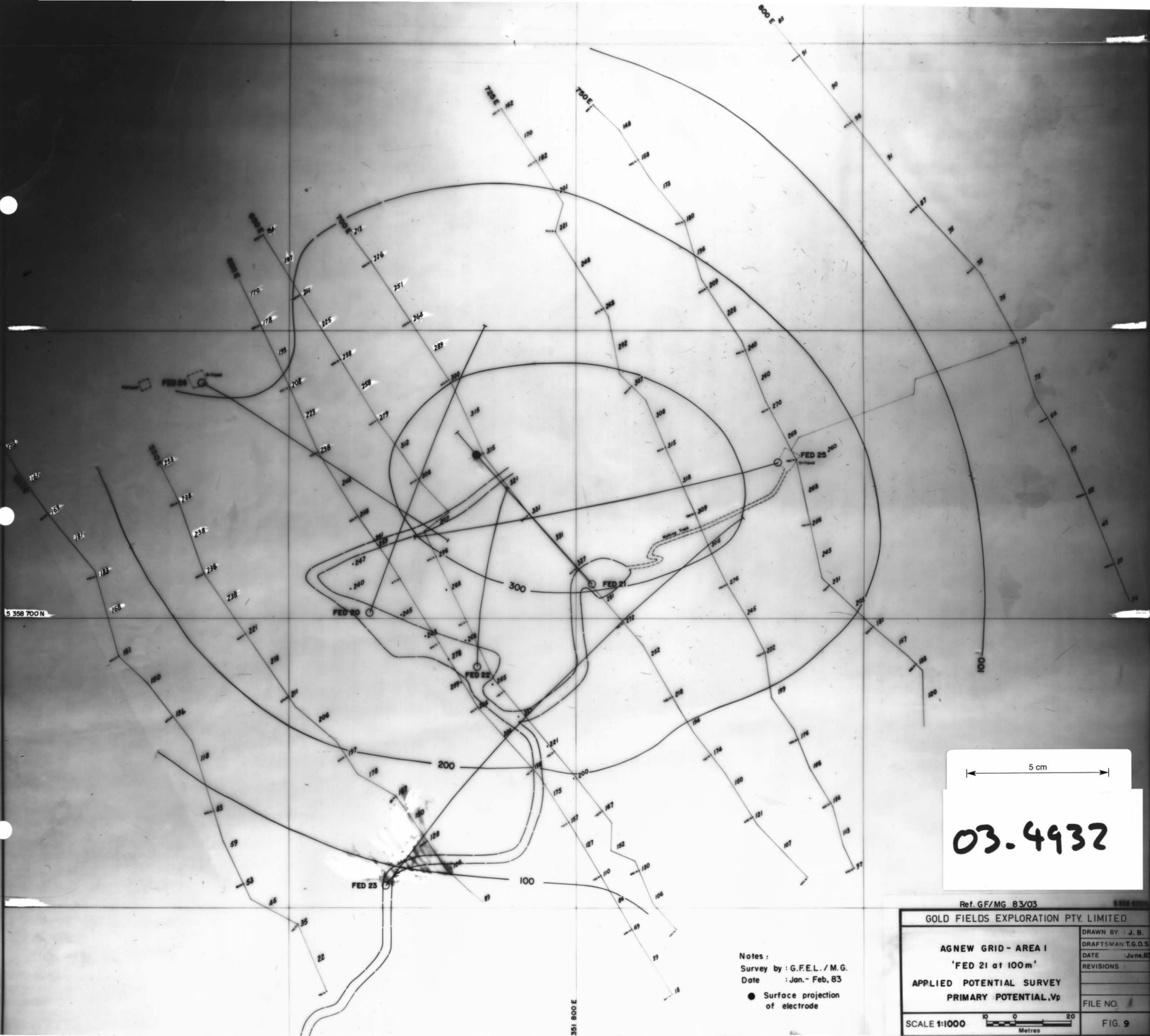
Ref. GF/MG 83/03

GOLD FIELDS EXPLORATION PTY. LIMITED

AREA I - AGNEW GRID 'FED 21 at 100m' APPLIED POTENTIAL SURVEY CHARGEABILITY	DRAWN BY : J. B.
	DRAFTSMAN : G. D. S.
	DATE : June 83
	REVISIONS :
FILE NO :	FIG 11

SCALE 1:1000

Metres



5 cm

03.4932

Notes:
 Survey by: G.F.E.L./M.G.
 Date: Jan.-Feb, 83
 ● Surface projection of electrode

Ref. GF/MG 83/03

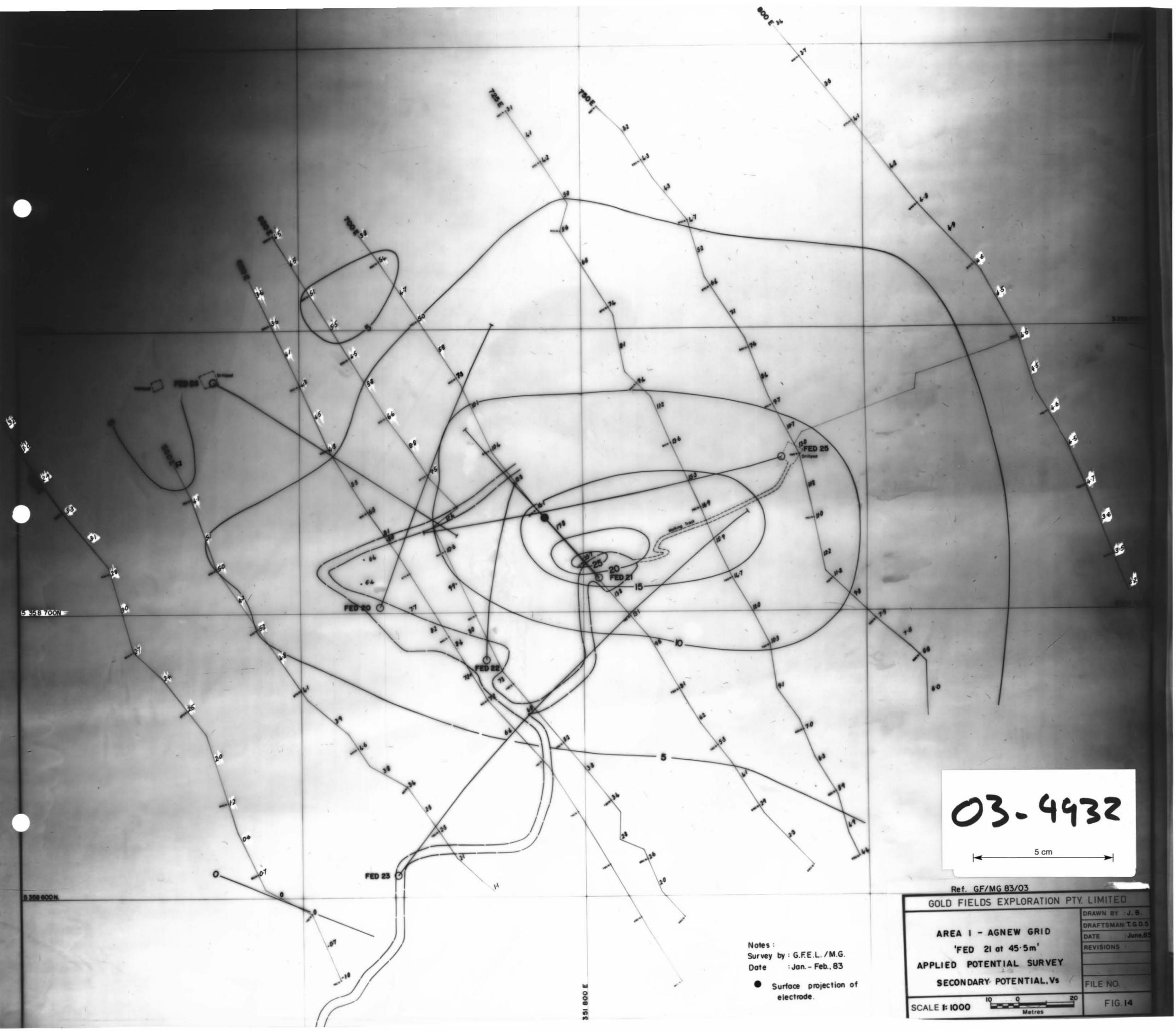
GOLD FIELDS EXPLORATION PTY. LIMITED

AGNEW GRID - AREA I
 'FED 21 at 100m'
 APPLIED POTENTIAL SURVEY
 PRIMARY POTENTIAL, Vp

SCALE 1:1000

10 0 20
 Metres

DRAWN BY: J. B.
DRAFTSMAN: T.G.D.S.
DATE: June, 83
REVISIONS:
FILE NO.
FIG. 9

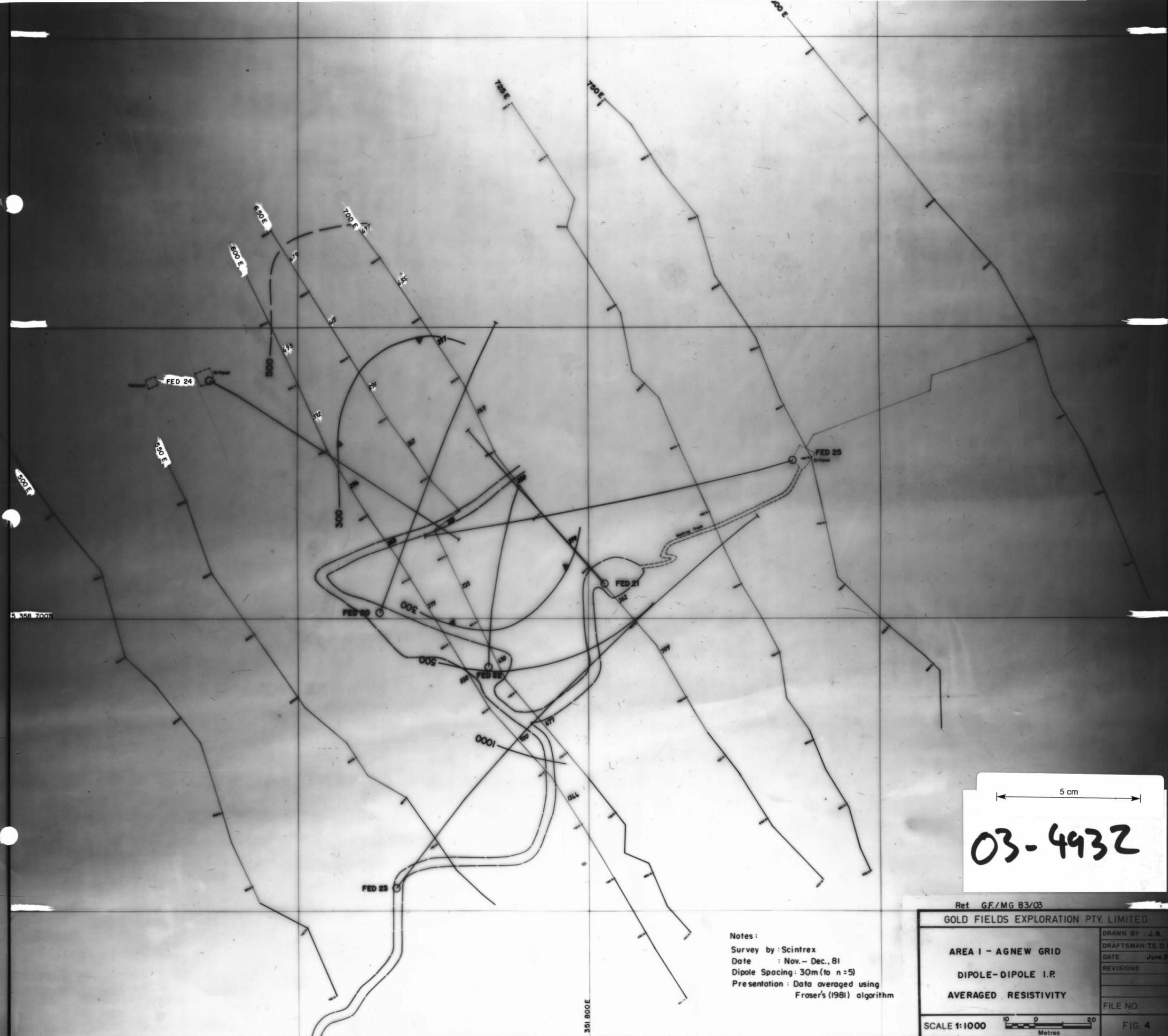


03-4932

5 cm

Notes :
 Survey by : G.F.E.L. /M.G.
 Date : Jan. - Feb., 83
 ● Surface projection of electrode.

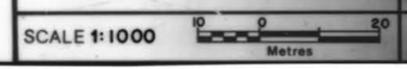
Ref. GF/MG 83/03	
GOLD FIELDS EXPLORATION PTY. LIMITED	
AREA I - AGNEW GRID	DRAWN BY : J. B.
'FED 21 at 45.5m'	DRAFTSMAN : T.G.D.S.
APPLIED POTENTIAL SURVEY	DATE : June, 83
SECONDARY POTENTIAL, Vs	REVISIONS
SCALE 1:1000	FILE NO.
10 0 20 Metres	FIG. 14

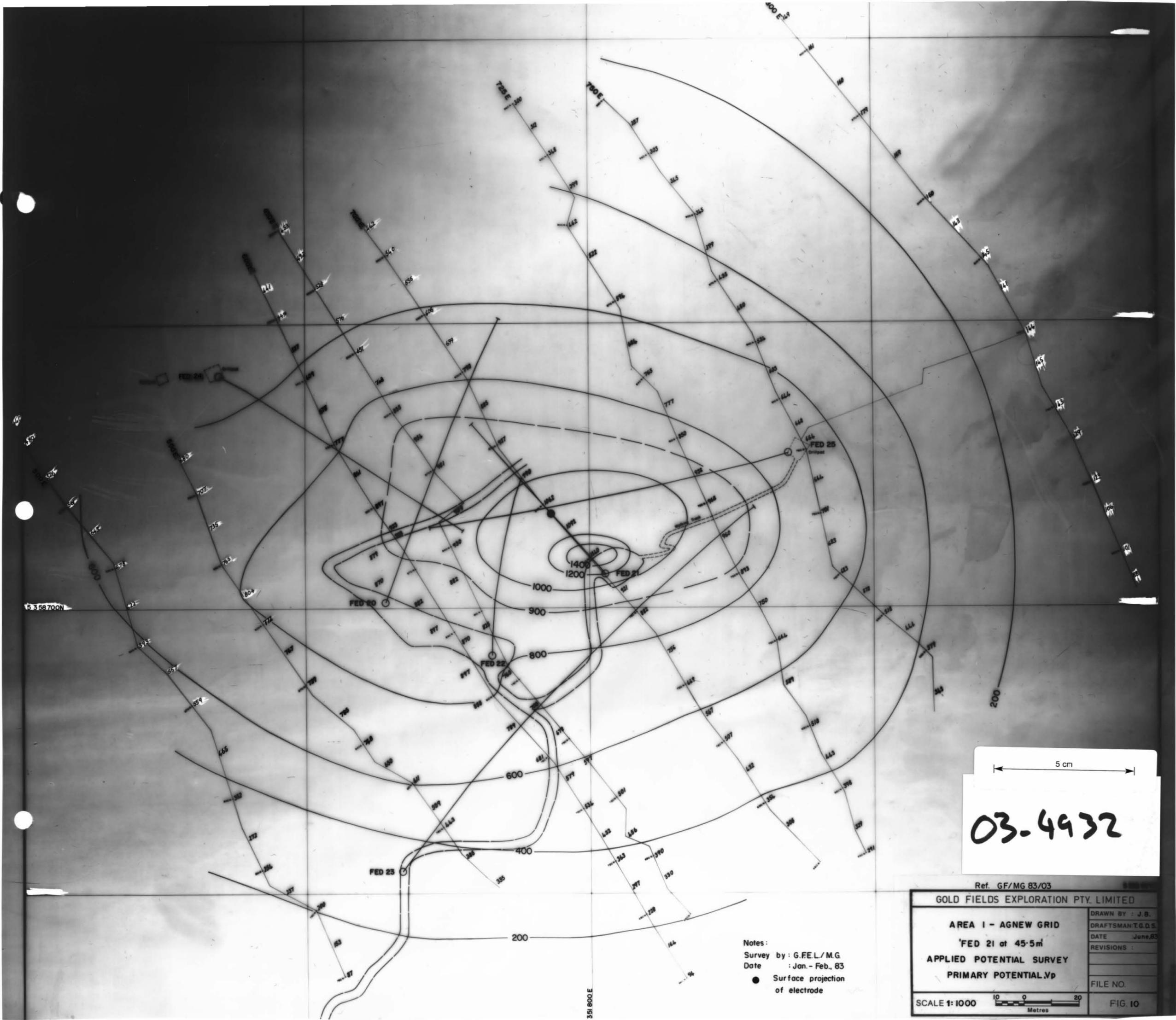


Notes:
 Survey by: Scintrex
 Date: Nov. - Dec., 81
 Dipole Spacing: 30m (to n=5)
 Presentation: Data averaged using
 Fraser's (1981) algorithm

Ref GF/MG 83/03	
GOLD FIELDS EXPLORATION PTY. LIMITED	
AREA I - AGNEW GRID	DRAWN BY: J.B.
DIPOLE-DIPOLE I.P.	DRAFTSMAN: T.G.D.S.
AVERAGED RESISTIVITY	DATE: June 83
	REVISIONS:
	FILE NO.
SCALE 1:1000	FIG. 4

5 cm
 03-4932





5 cm

03-4932

Notes:
 Survey by: G.F.E.L./M.G.
 Date: Jan. - Feb., 83
 ● Surface projection of electrode

Ref. GF/MG 83/03

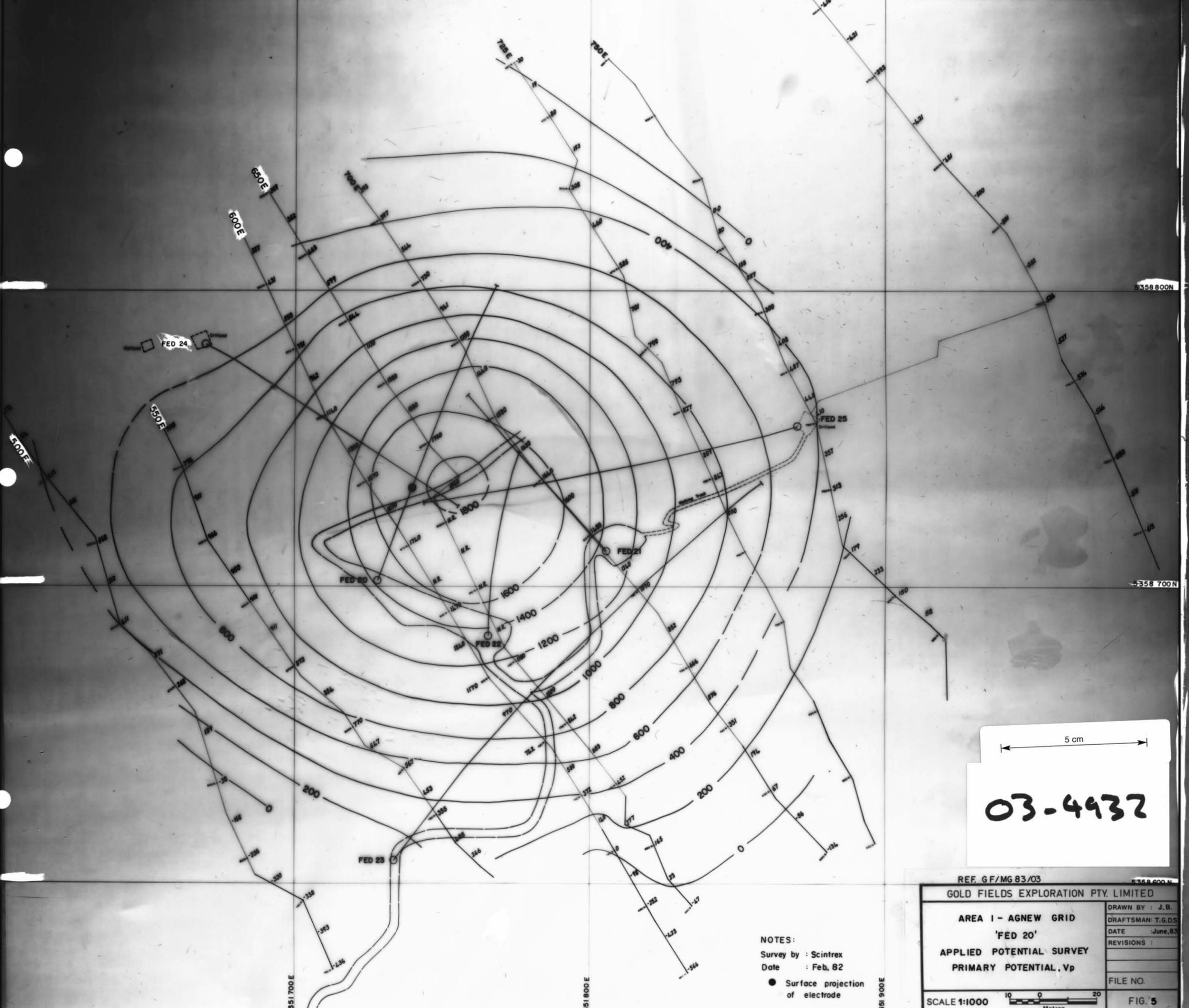
GOLD FIELDS EXPLORATION PTY. LIMITED

AREA I - AGNEW GRID
'FED 21 at 45.5m
APPLIED POTENTIAL SURVEY
PRIMARY POTENTIAL Vp

SCALE 1:1000

10 0 20
Metres

DRAWN BY: J.B.
DRAFTSMAN: T.G.D.S.
DATE: June, 83
REVISIONS:
FILE NO.
FIG. 10



NOTES:
 Survey by : Scintrex
 Date : Feb, 82
 ● Surface projection
 of electrode

5 cm
 03-4932

REF. GF/MG 83/03		5358900N
GOLD FIELDS EXPLORATION PTY. LIMITED		
AREA 1 - AGNEW GRID		DRAWN BY : J.B. DRAFTSMAN: T.G.D.S. DATE : June, 83 REVISIONS :
'FED 20'		
APPLIED POTENTIAL SURVEY		FILE NO.
PRIMARY POTENTIAL, Vp		
SCALE 1:1000	10 0 20 Metres	FIG. 5

358 900 N

358 900 N

358 800 N

358 800 N

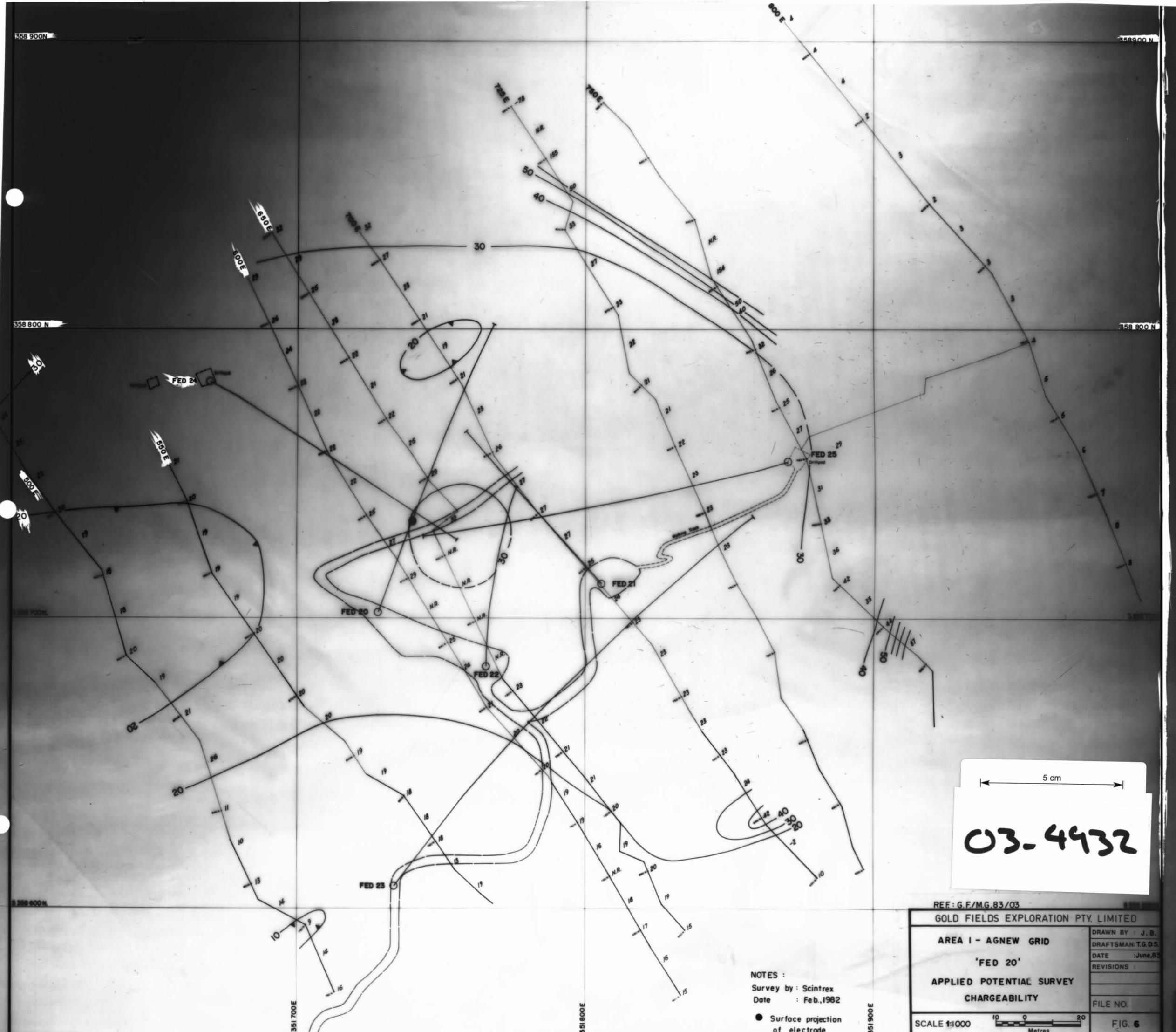
358 700 N

358 600 N

351 700 E

351 800 E

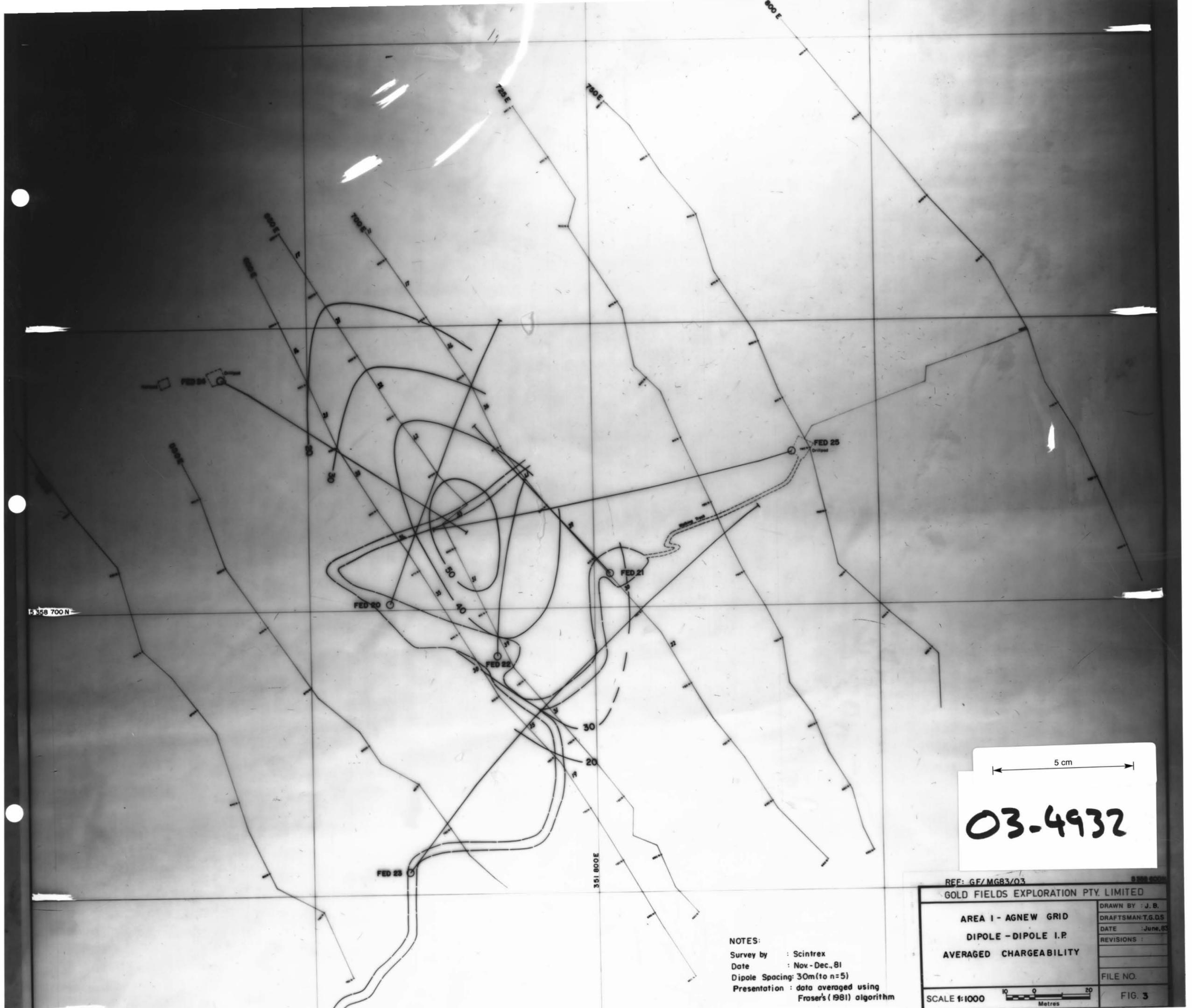
351 900 E



NOTES :
 Survey by : Scintrex
 Date : Feb., 1982
 ● Surface projection
 of electrode

5 cm
 03-4932

REF: G.F./MG.83/03	
GOLD FIELDS EXPLORATION PTY. LIMITED	
AREA I - AGNEW GRID	
'FED 20'	
APPLIED POTENTIAL SURVEY	
CHARGEABILITY	
DRAWN BY : J. B.	FILE NO.
DRAFTSMAN: T.G.D.S.	FIG. 6
DATE : June, 83	
REVISIONS :	
SCALE 1:1000	10 0 20 Metres



5 cm

03-4932

NOTES:
 Survey by : Scintrex
 Date : Nov - Dec., 81
 Dipole Spacing: 30m (to n=5)
 Presentation : data averaged using
 Fraser's (1981) algorithm

REF: GF/MG83/03

GOLD FIELDS EXPLORATION PTY. LIMITED

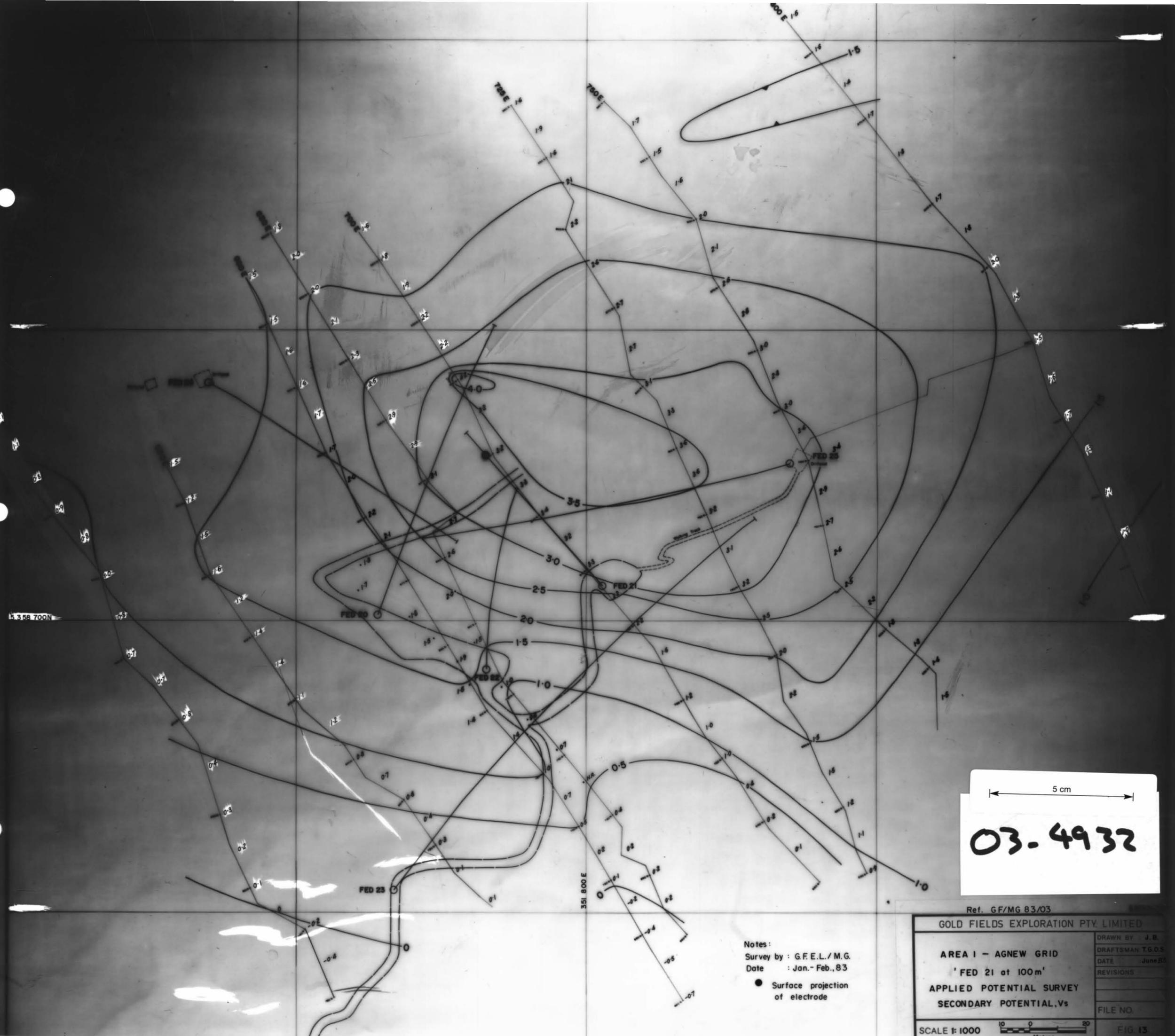
AREA 1 - AGNEW GRID
 DIPOLE - DIPOLE I.P.
 AVERAGED CHARGEABILITY

DRAWN BY : J. B.
DRAFTSMAN: T.G.D.S.
DATE : June, 83
REVISIONS :
FILE NO.

SCALE 1:1000

10 0 20
Metres

FIG. 3



5 cm

03-4932

Notes:
 Survey by : G.F.E.L./M.G.
 Date : Jan.-Feb., 83
 ● Surface projection of electrode

Ref. GF/MG 83/03

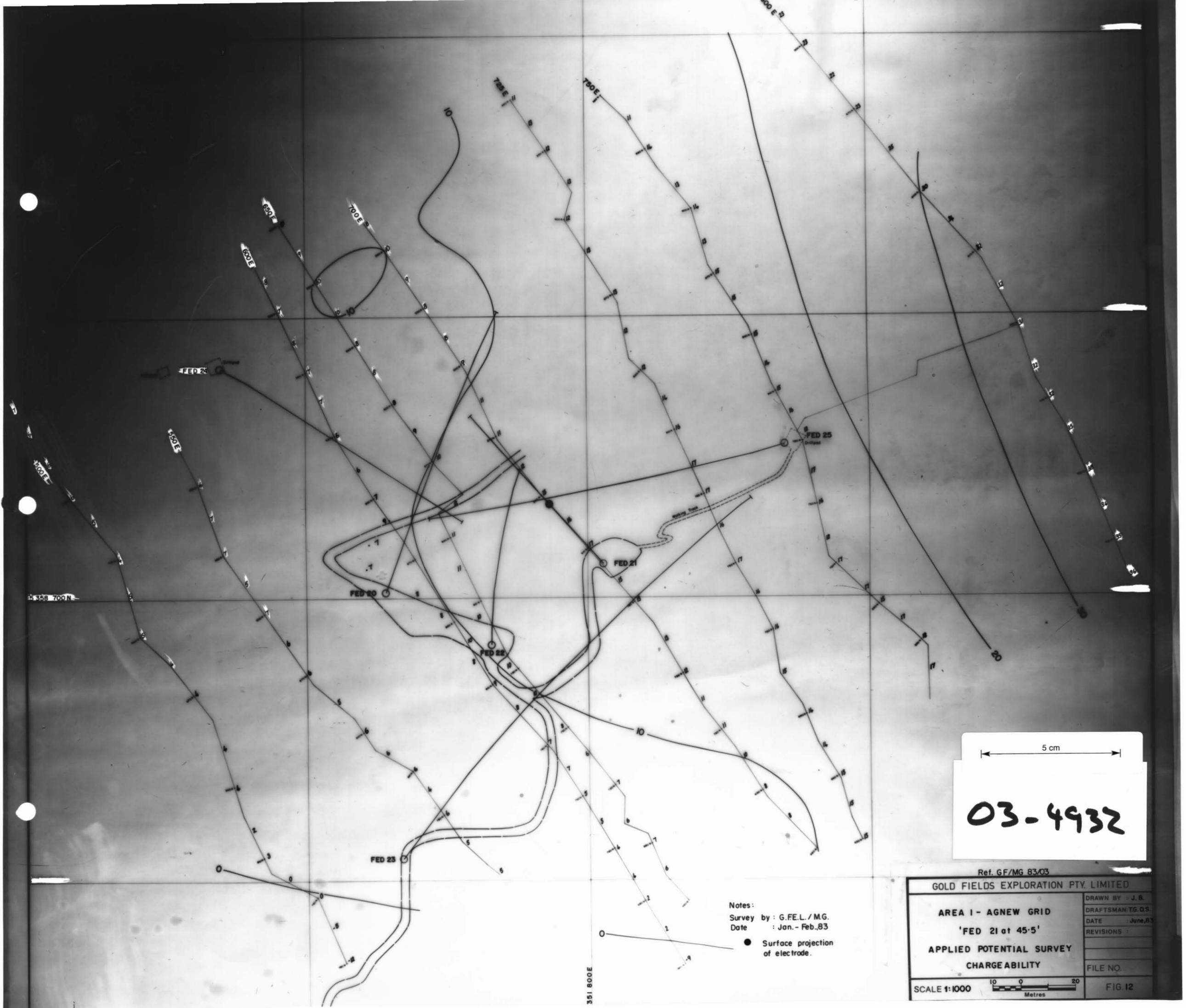
GOLD FIELDS EXPLORATION PTY. LIMITED

AREA 1 - AGNEW GRID 'FED 21 at 100m' APPLIED POTENTIAL SURVEY SECONDARY POTENTIAL, Vs	DRAWN BY J.B.
	DRAFTSMAN T.G.D.S.
	DATE June 83
	REVISIONS
	FILE NO

SCALE 1:1000

Metres

FIG 13



5 cm

03-4932

Notes:
 Survey by : G.F.E.L./M.G.
 Date : Jan.-Feb.83
 ● Surface projection of electrode.

Ref. GF/MG 83/03

GOLD FIELDS EXPLORATION PTY. LIMITED

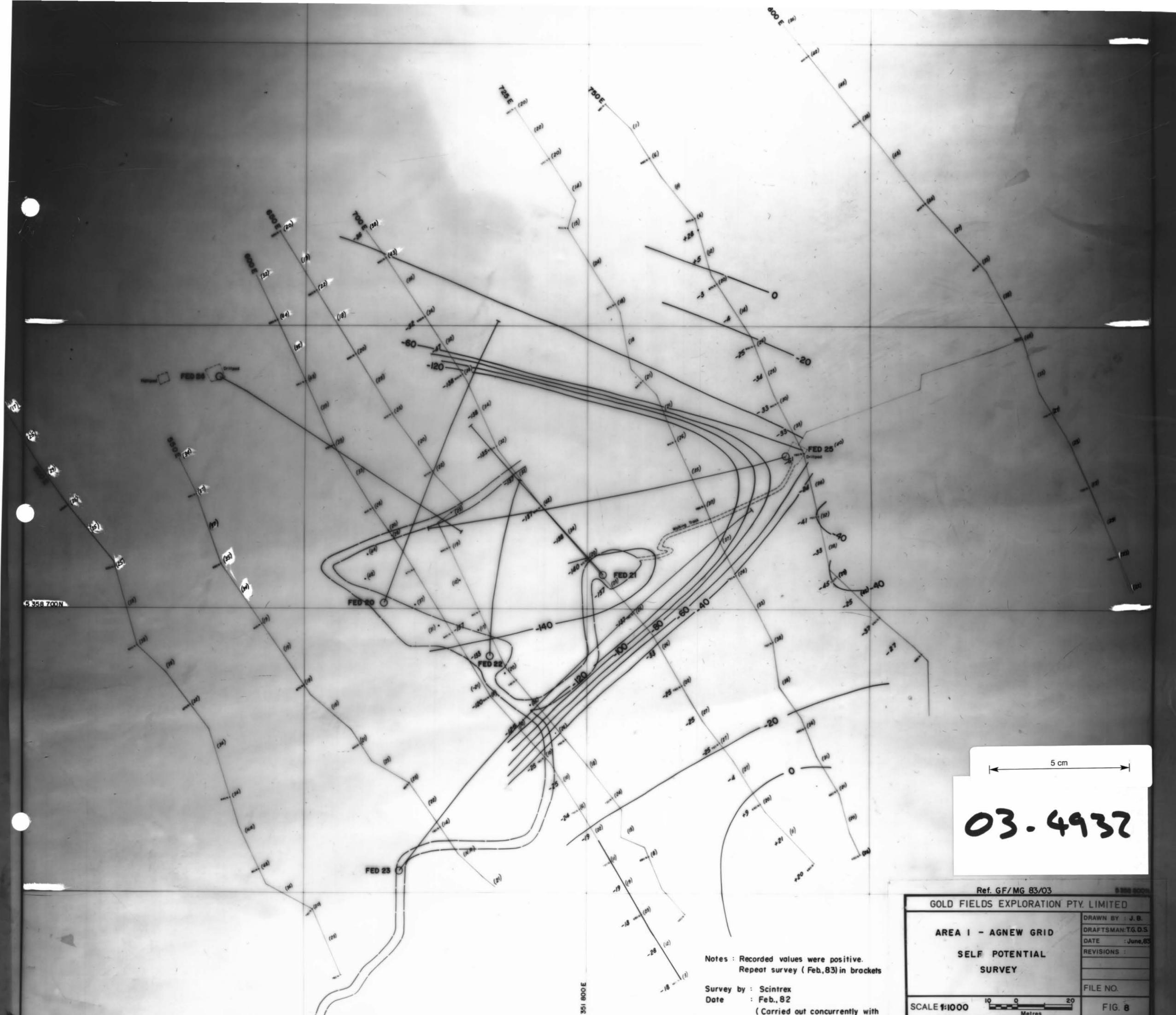
AREA I - AGNEW GRID
 'FED 21 at 45.5'

APPLIED POTENTIAL SURVEY
 CHARGEABILITY

SCALE 1:1000

10 0 20
 Metres

DRAWN BY : J. B.
DRAFTSMAN: T.G. D.S.
DATE : June, 83
REVISIONS :
FILE NO.
FIG. 12



5358 700N

351 800E

5 cm

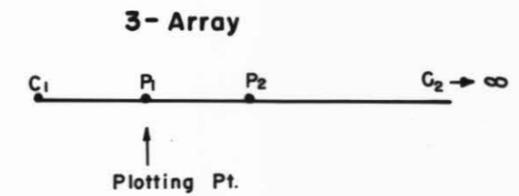
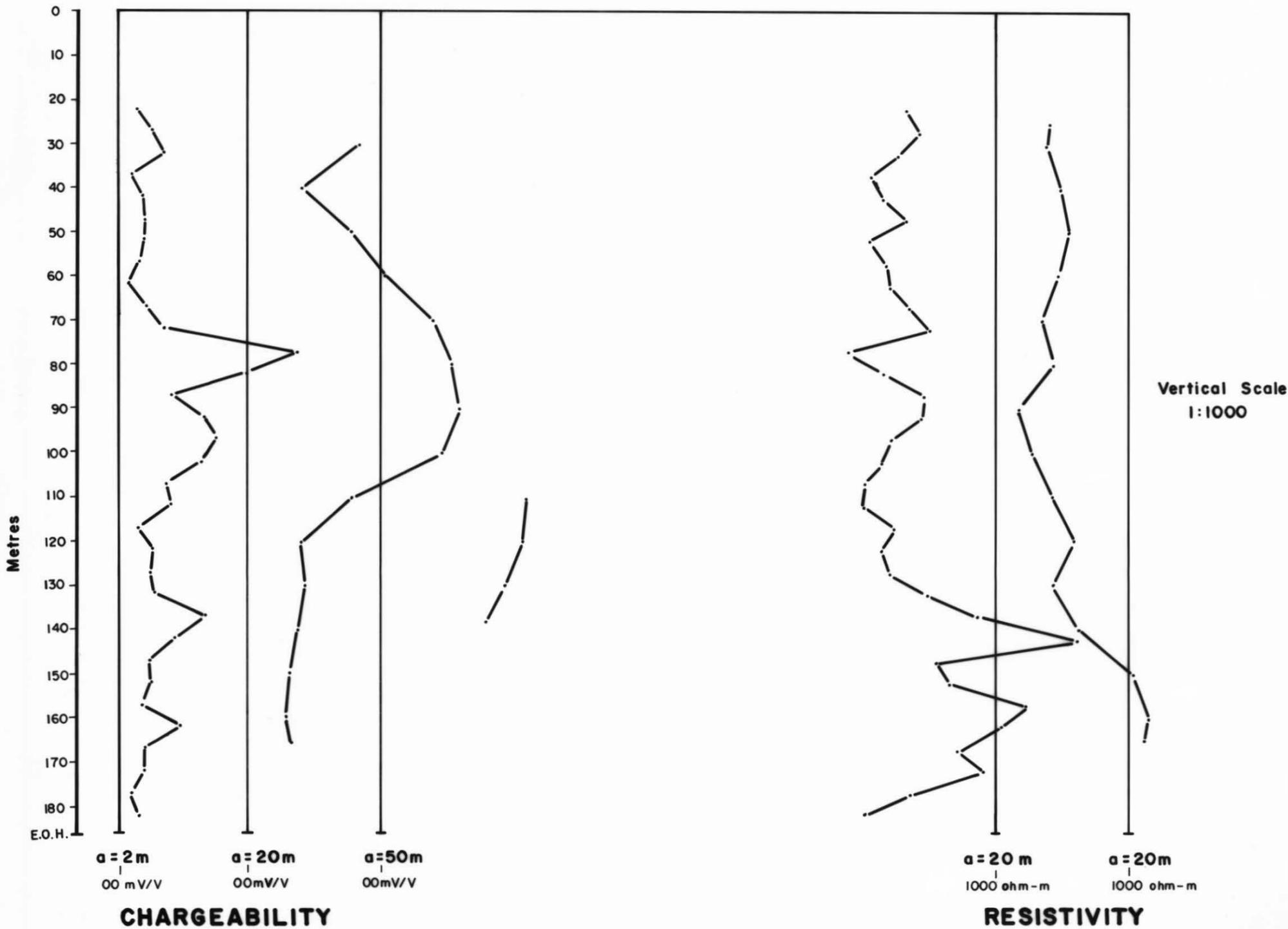
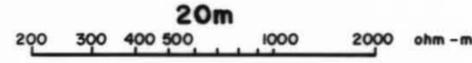
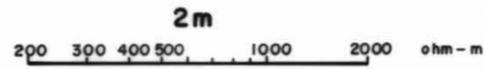
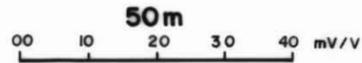
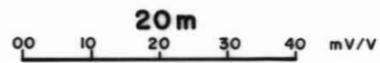
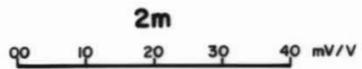
03.4932

Notes : Recorded values were positive.
Repeat survey (Feb.83) in brackets

Survey by : Scintrex
Date : Feb., 82
(Carried out concurrently with
Applied Potential Survey)

Ref. GF/MG 83/03	
GOLD FIELDS EXPLORATION PTY. LIMITED	
AREA I - AGNEW GRID	
SELF POTENTIAL SURVEY	
DRAWN BY : J. B.	REVISIONS :
DRAFTSMAN: T.G.D.S.	
DATE : June, 83	
FILE NO.	
SCALE 1:1000	FIG. 8

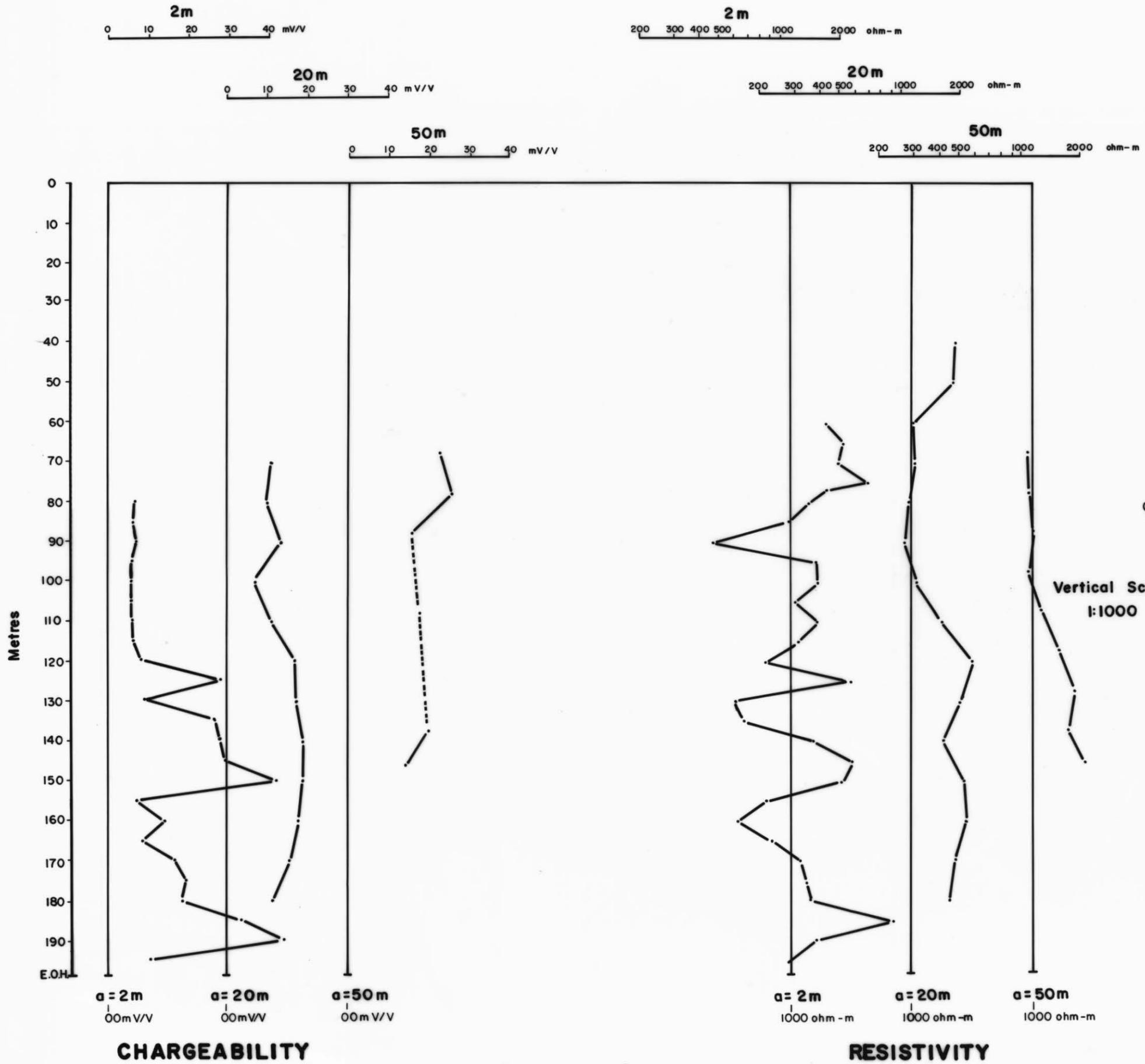




03-4932

GF/MG 83/03	
MITRE GEOPHYSICS	
AGNEW GRID - ANOMALY 1 FED 24 DOWN HOLE I.P. SURVEYS	DRAWN BY : J.B.
	DRAFTSMAN: S.F.
	DATE : Aug, 83
	REVISIONS :
SCALE 1:1000	FILE NO.
	FIG 24

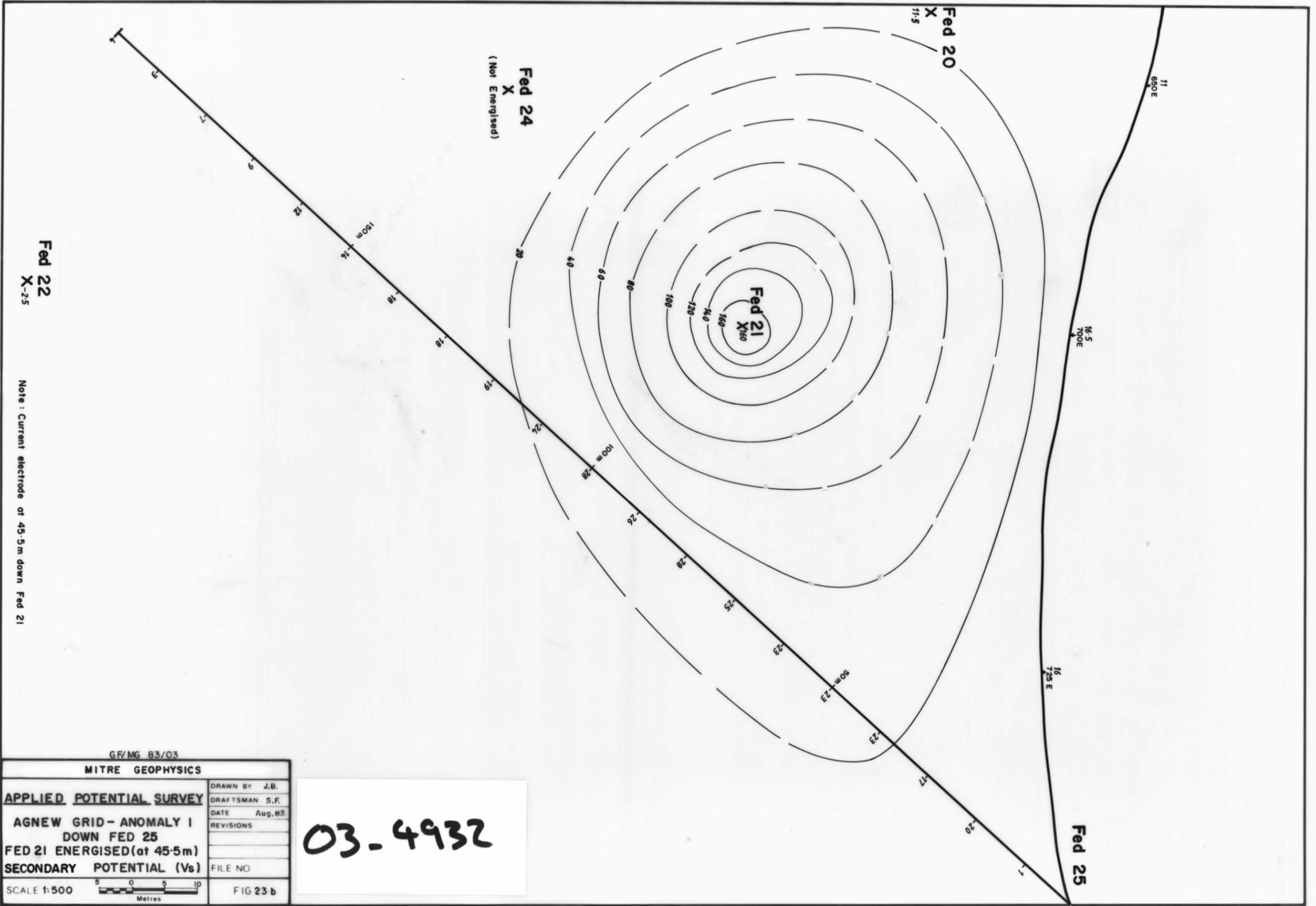
5 cm



03-4932

GF/MG 83/03	
MITRE GEOPHYSICS	
AGNEW GRID-ANOMALY I	
FED 25	
DOWN HOLE I.P. SURVEYS	
DRAWN BY : J.B.	REVISIONS :
DRAFTSMAN: S.F.	
DATE : Aug, 83	
FILE NO.	
SCALE 1:1000	FIG. 25

5 cm



Fed 22
X-25

Note : Current electrode at 45.5m down Fed 21

Fed 24
X
(Not Energised)

Fed 20
X
11.5

Fed 21
X
160

16.5
700E

Fed 25

GF/MG 83/03

MITRE GEOPHYSICS

APPLIED POTENTIAL SURVEY

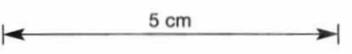
AGNEW GRID - ANOMALY I
DOWN FED 25
FED 21 ENERGISED (at 45.5m)
SECONDARY POTENTIAL (Vs)

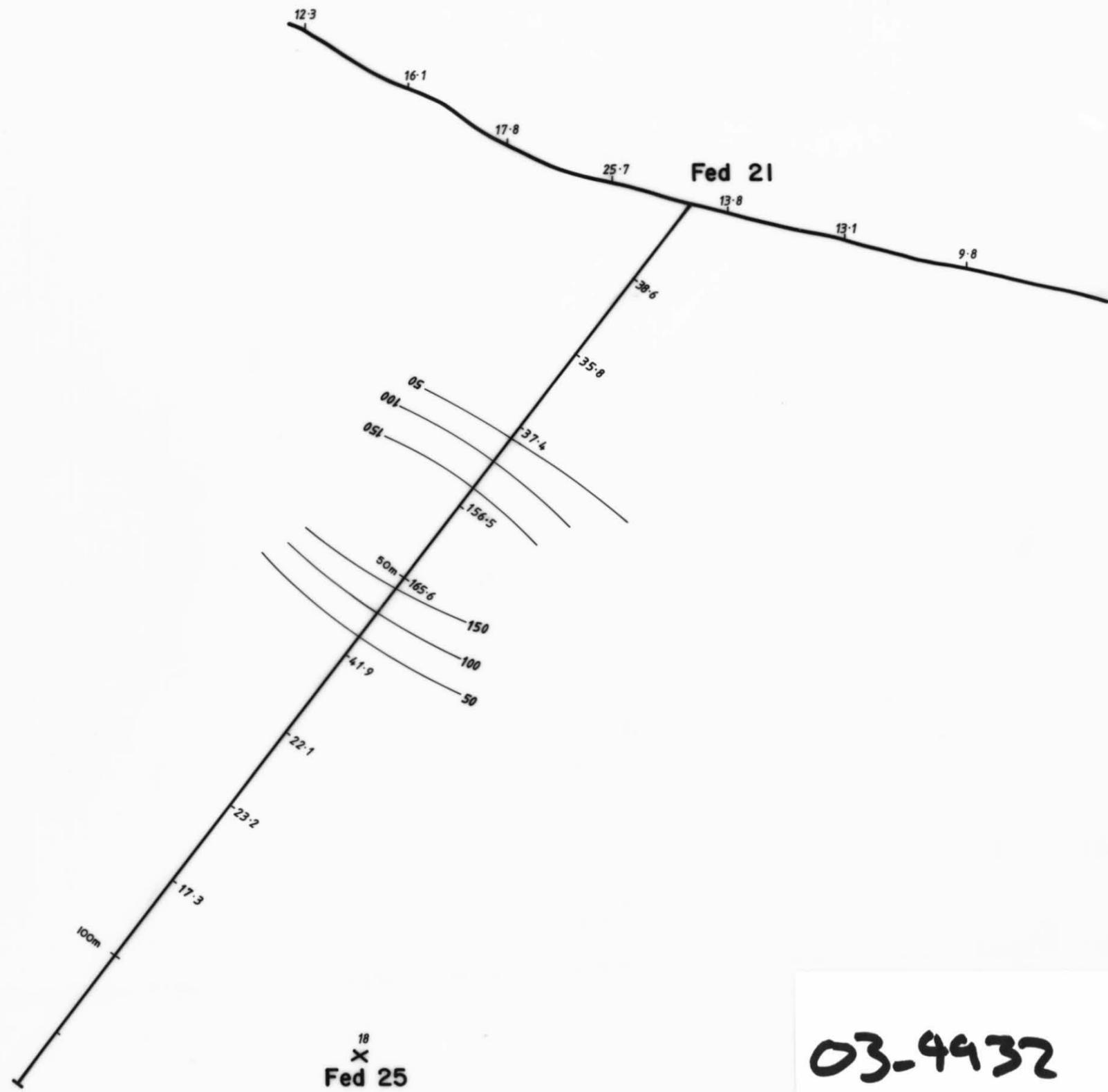
SCALE 1:500



DRAWN BY	J.B.
DRAFTSMAN	S.F.
DATE	Aug. 83
REVISIONS	
FILE NO	
FIG	23 b

03-4932

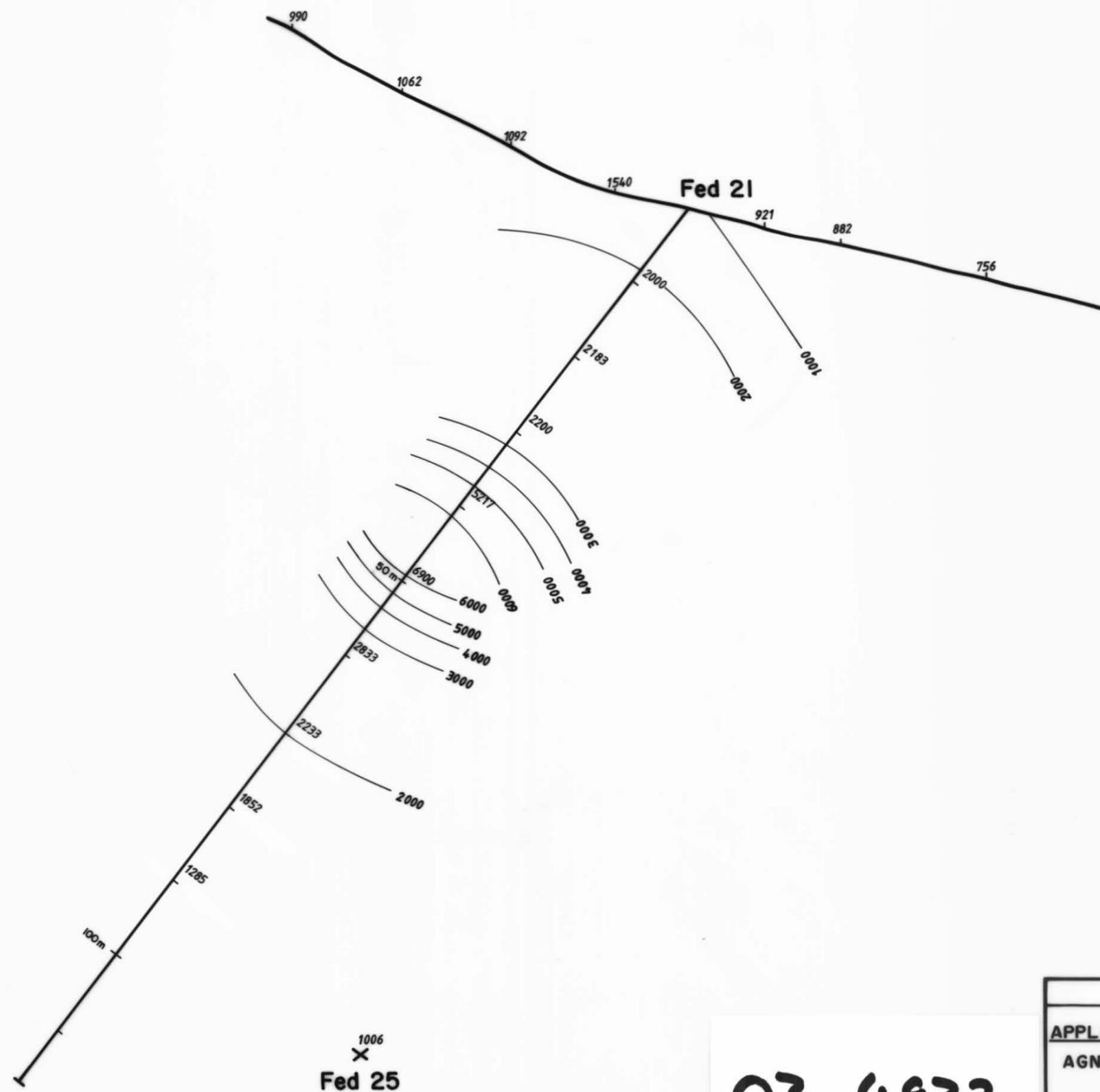




03-4932

GF/MG 83/03	
MITRE GEOPHYSICS	
APPLIED POTENTIAL SURVEY	DRAWN BY J.B.
AGNEW GRID - ANOMALY 1	DRAFTSMAN S.F.
DOWN FED 21	DATE Aug.83
FED 21 ENERGISED (at 45.5m)	REVISIONS
SECONDARY POTENTIAL (Vs)	FILE NO.
SCALE 1: 500	FIG 20b

5 cm

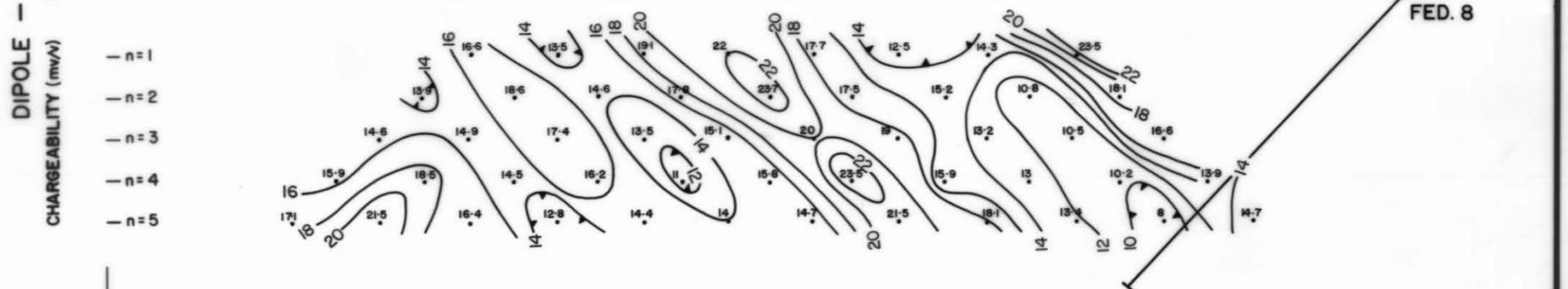
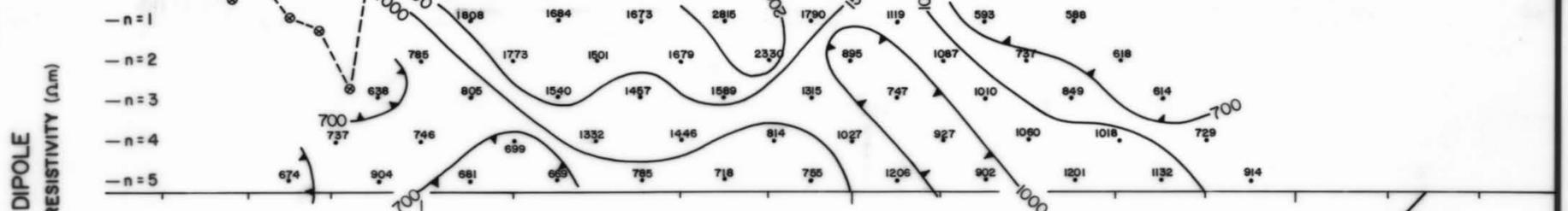
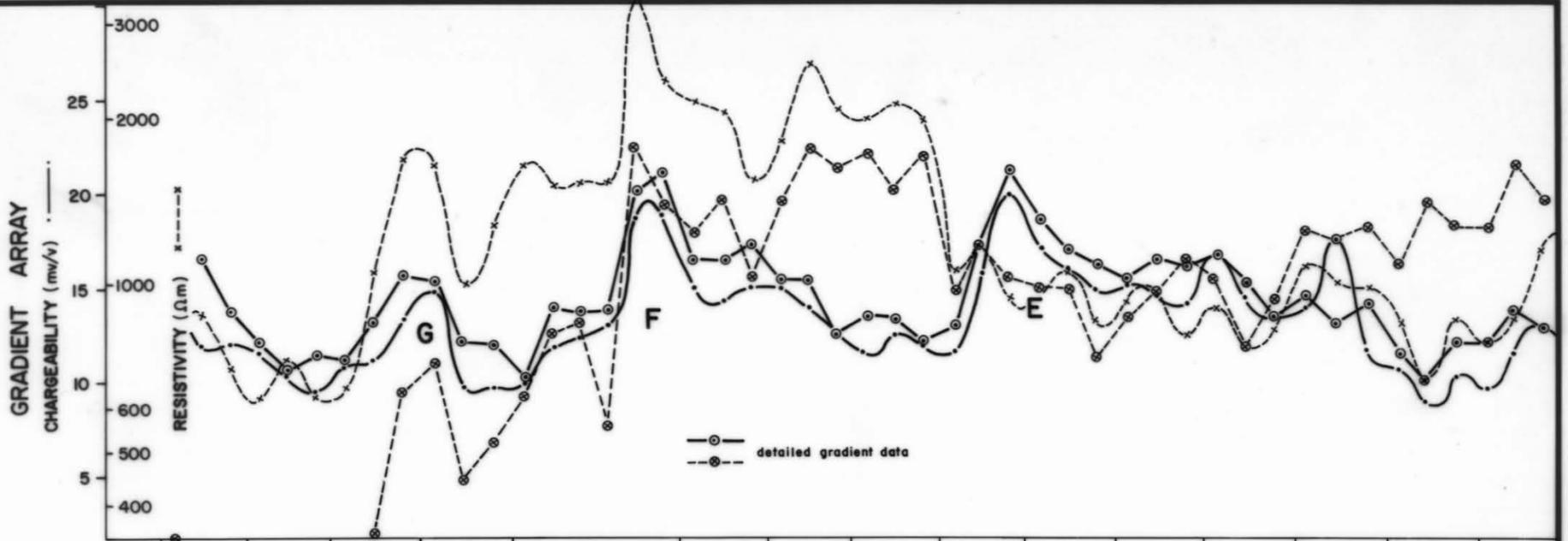


03-4932

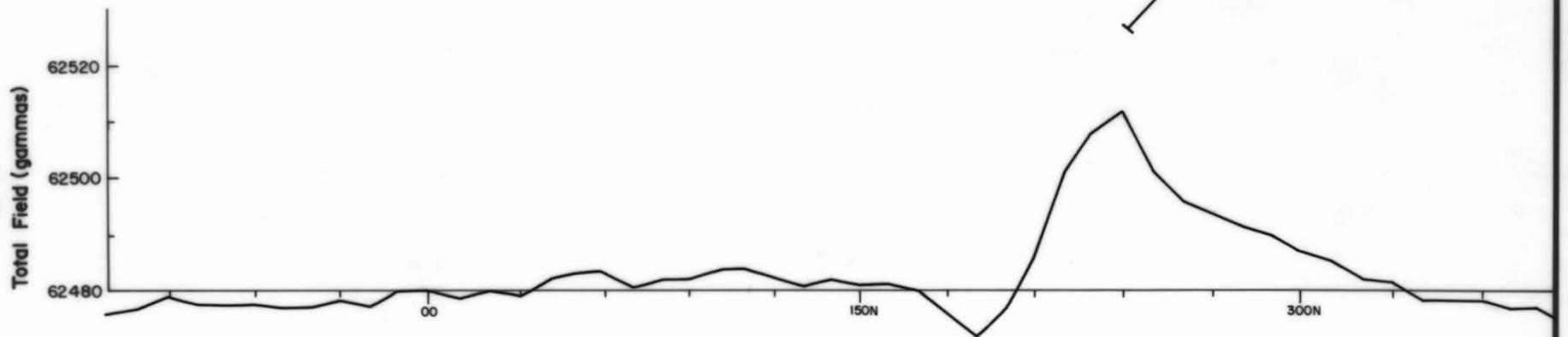
GF/MG 83/03	
MITRE GEOPHYSICS	
APPLIED POTENTIAL SURVEY	DRAWN BY J.B.
AGNEW GRID - ANOMALY 1	DRAFTSMAN S.F.
DOWN FED 21	DATE Aug.83
FED 21 ENERGISED (at 45.5m)	REVISIONS
PRIMARY POTENTIAL (Vp)	FILE NO
SCALE 1: 500	FIG 20a

5 cm

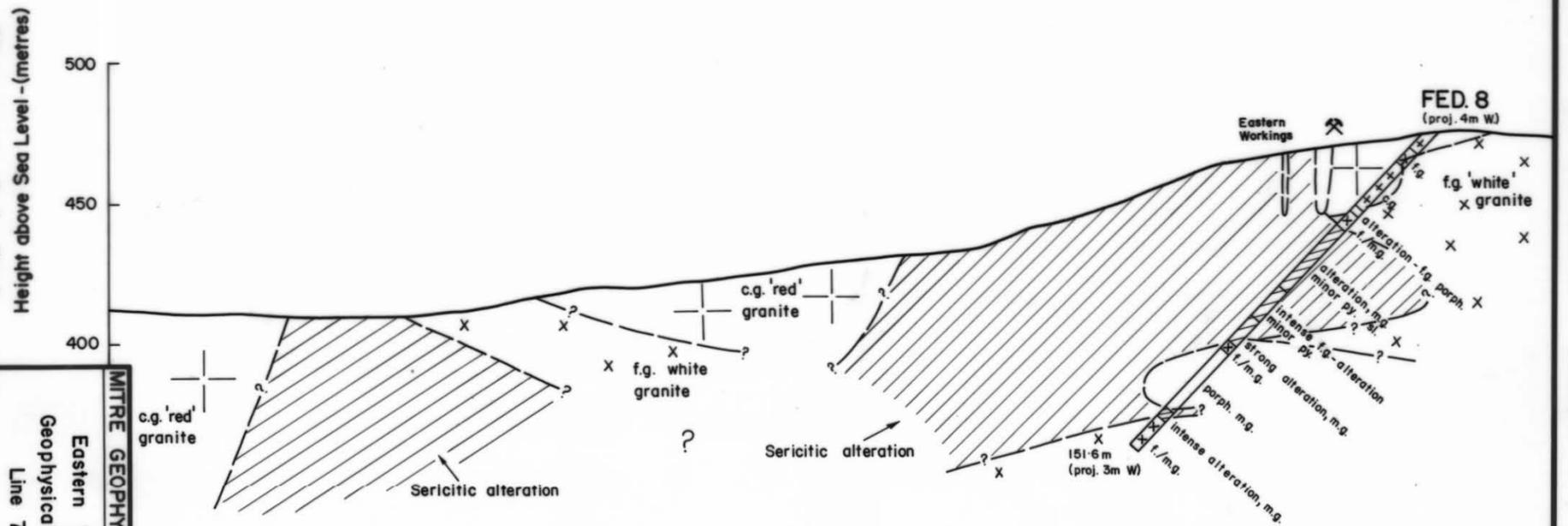
I.P. Data



Magnetics



Topography & Geology



MITRE GEOPHYSICS PTY. LTD.
 Eastern Workings
 Geophysical Surveys
 Line 700 E.
 DRAWN: J.B. SCALE: 1:2000
 TRACED: T.A.D.S. DATE: Aug. 1981
 FED. 400
 FIG. 12

03-4932

5 cm

N.W.

S.E.

FED. 11
(proj. 3.5m. S.)

FED. 6

400-0m. R.L.

400-0m. R.L.

300-0m. R.L.

300-0m. R.L.

(proj. 3m N)

(proj. 6m. S.)

76.5m. (proj. 8m. S.)

THP 117
(proj. 10m. N.)

THP 119
(proj. 10m. N.)

Tim mineralization in steeply dipping quartz/tourmaline veins, striking 030° (A.M.G.)

'green alteration'

'green alteration' (<0.01% Sn)

c.g. granite

c.g. granite

c.g. granite

c.g. alteration (greisen)

argillized c.g. granite

c.g. wkly. argill.

No. 1 Winza (position ?)
No. 2 cross-cut
Main adit
No. 3 cross-cut

03-4932

5 cm

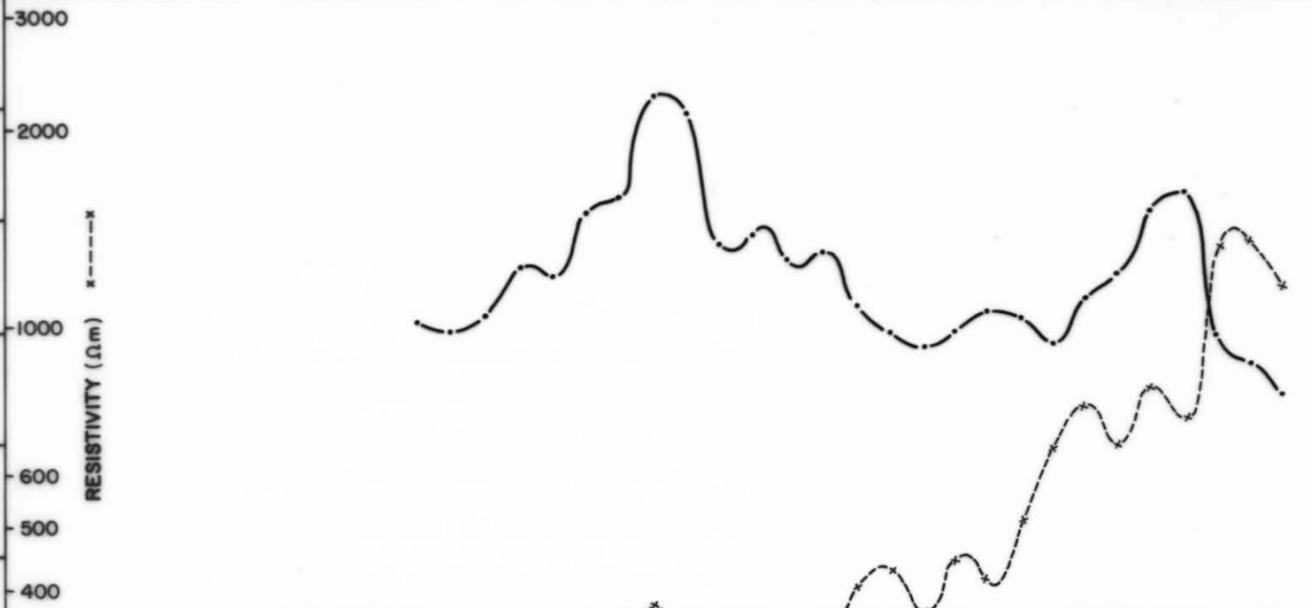
MITRE GEOPHYSICS PTY. LTD.			
Coleman's Workings			
Model Type 3:			
Quartz - tourmaline - topaz alteration 'dykes'			
DRAWN: P.R.			FED.414
TRACED: T.G.D.S.		SCALE: 1:500	FIG. 4
DATE: Aug. 1981			

I.P. Data

GRADIENT ARRAY

CHARGEABILITY (mv/v)

RESISTIVITY (Ωm)

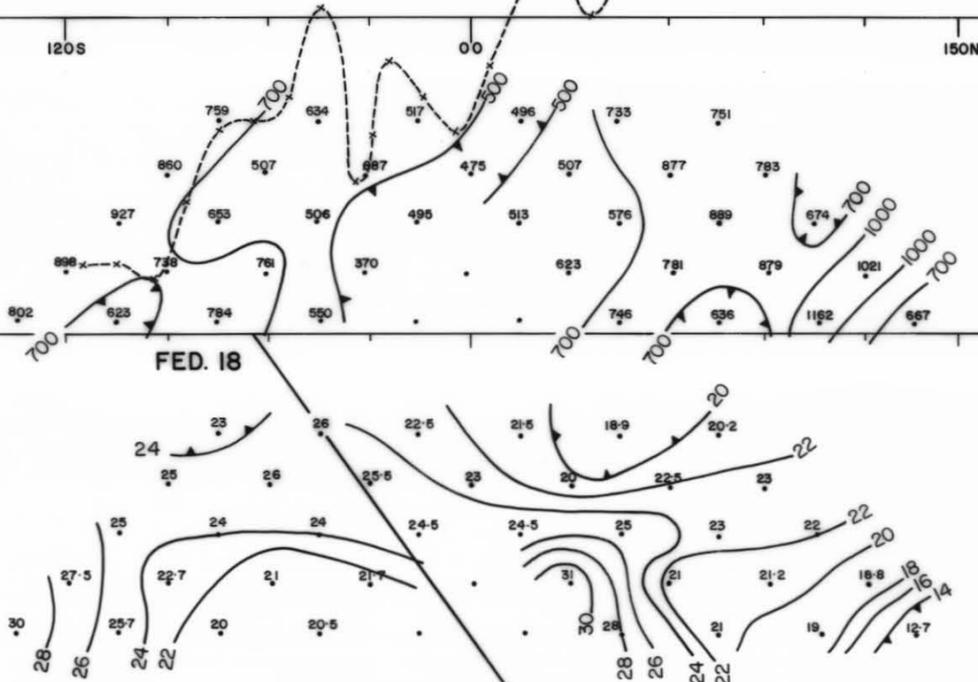


DIPOLE - DIPOLE

CHARGEABILITY (mv/v)

RESISTIVITY (Ωm)

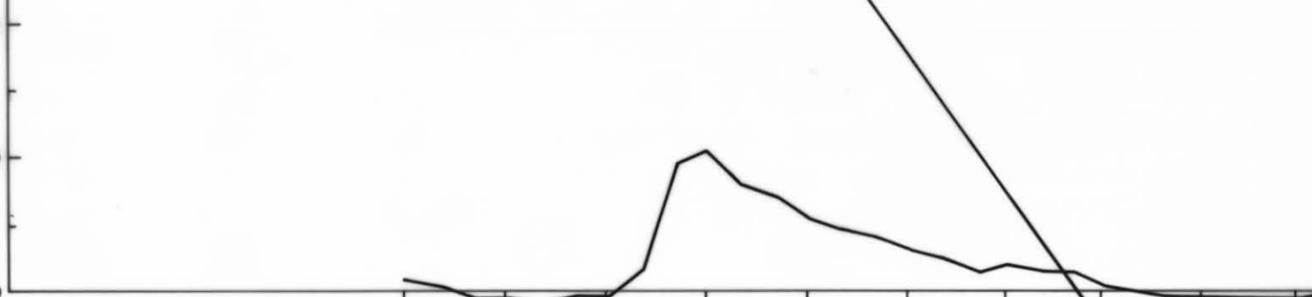
n=1
n=2
n=3
n=4
n=5



Magnetics

Total Field (gammas)

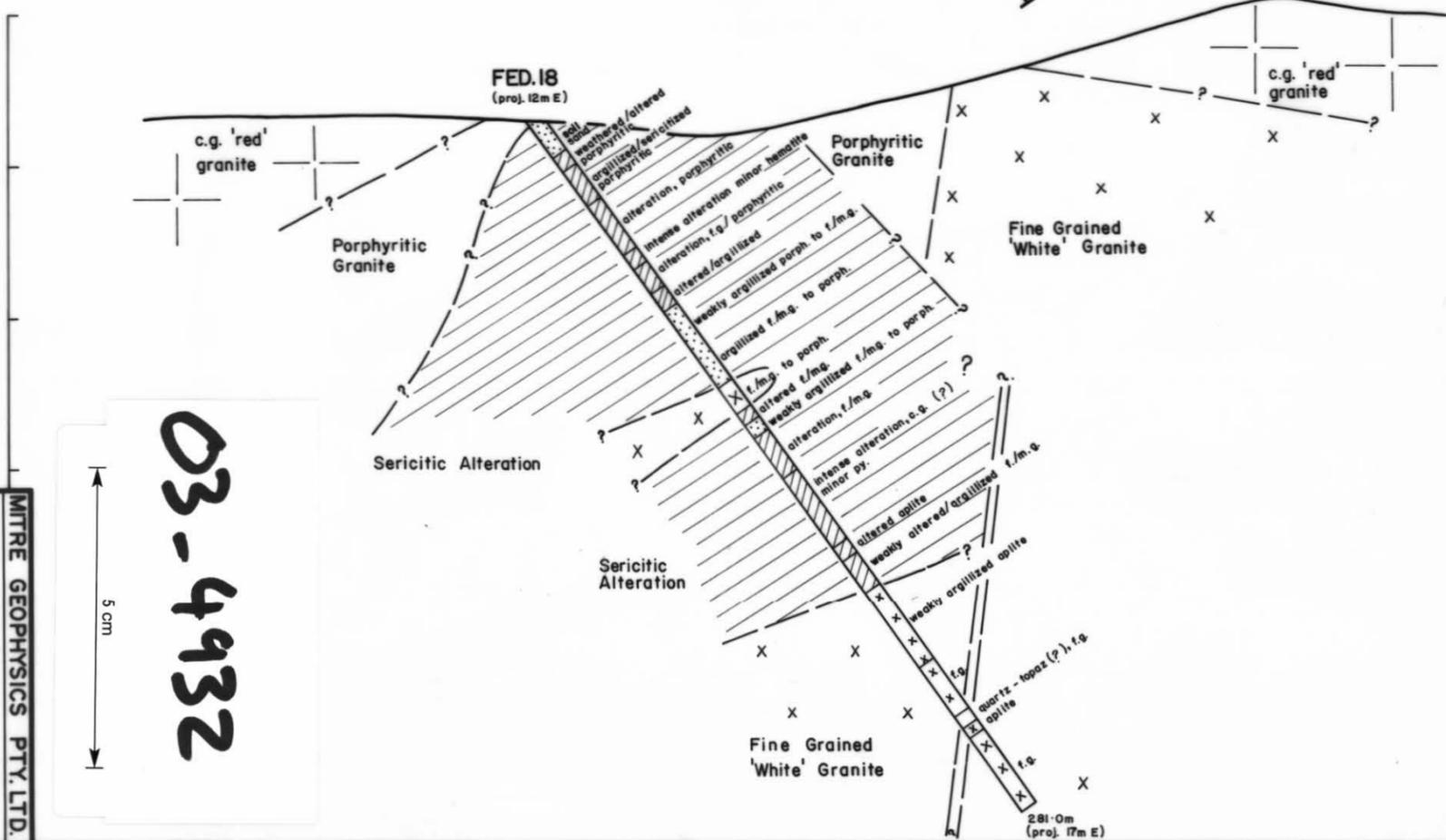
62480
62500
62520



Topography & Geology

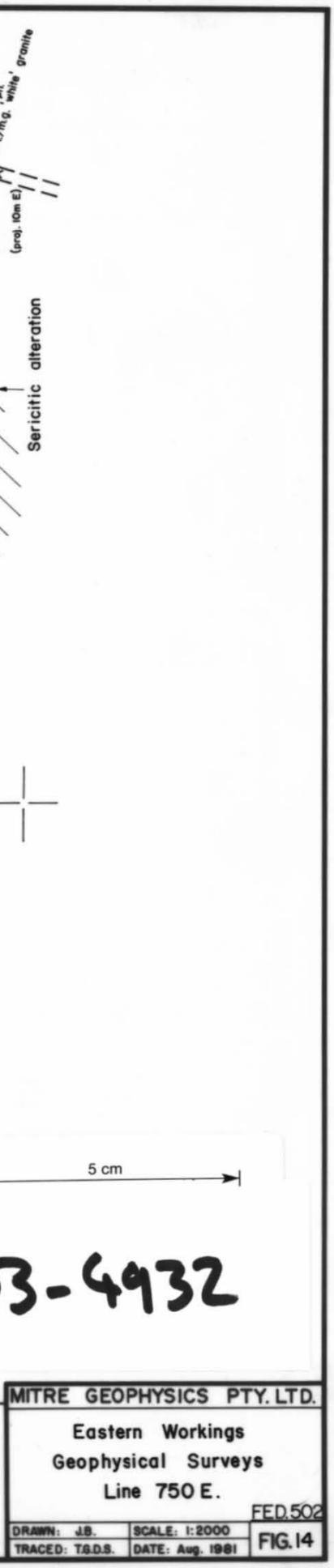
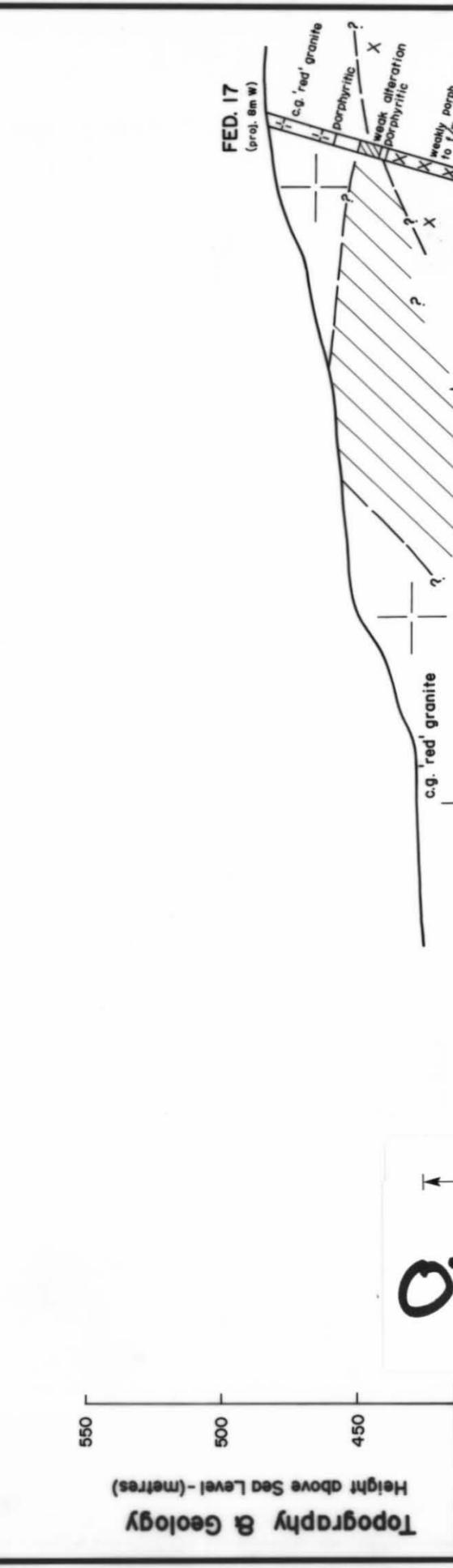
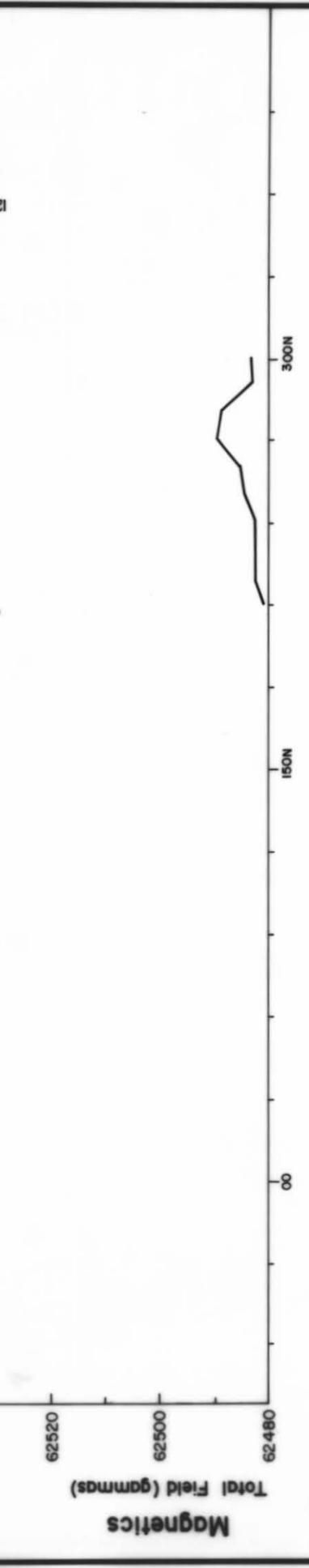
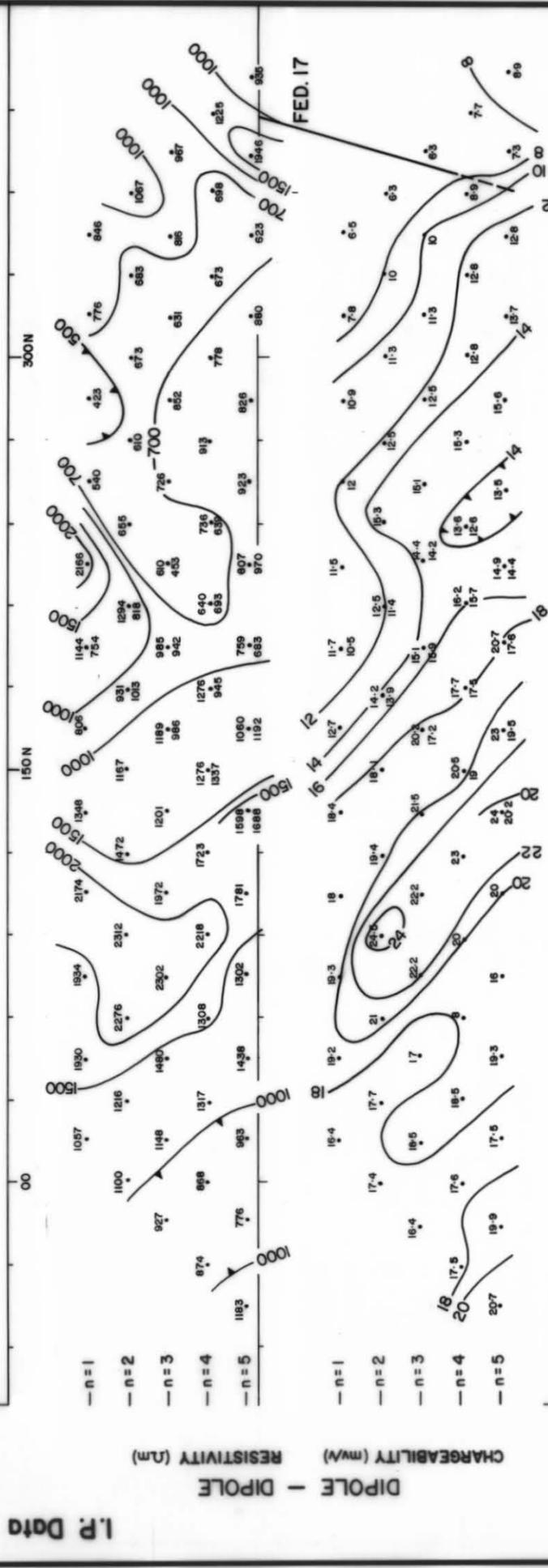
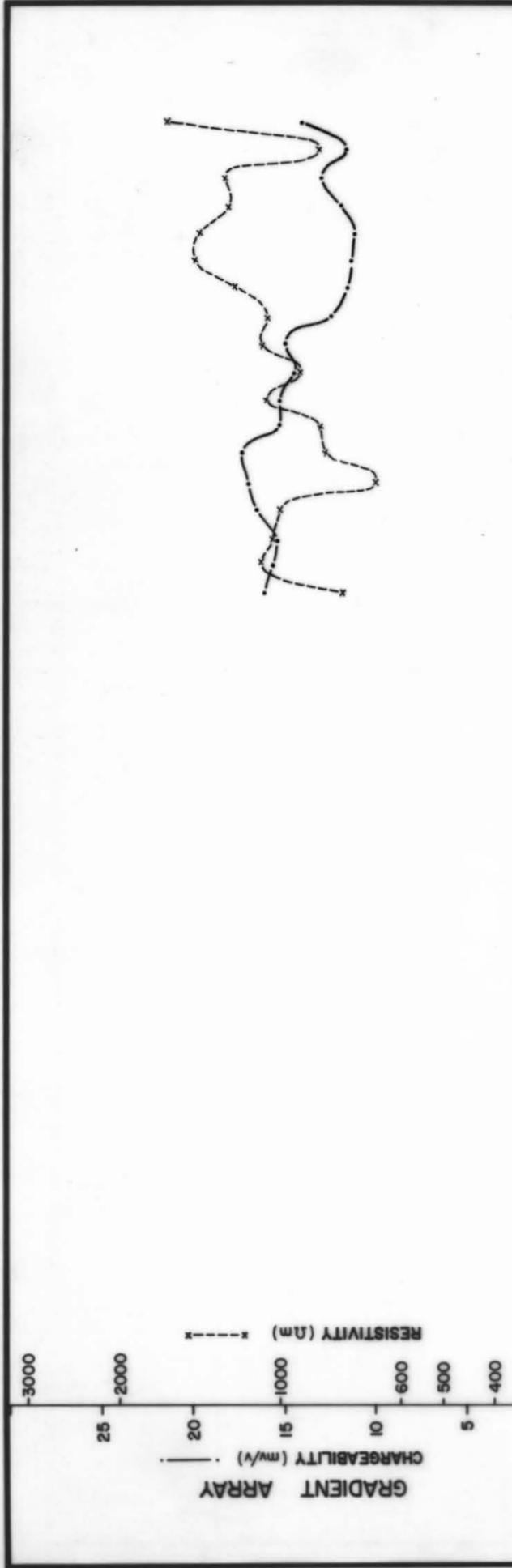
Height above Sea Level - (metres)

300
350
400
450



03-4932

MITRE GEOPHYSICS PTY. LTD.
Eastern Workings
Geophysical Surveys
Line 550 E.
DRAWN: J.B. SCALE: 1:2000
TRACED: T.S.D.S. DATE: Aug. 1981
FED.501
FIG. 13



03-4932

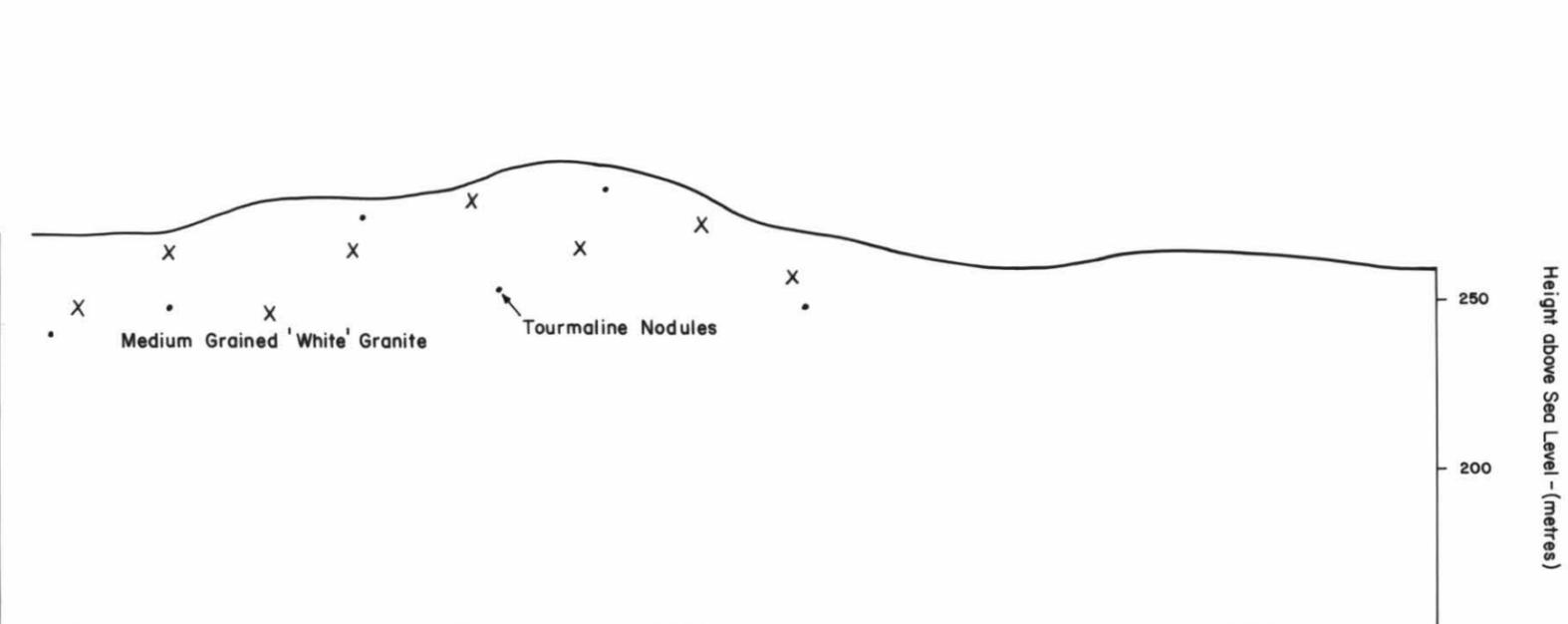
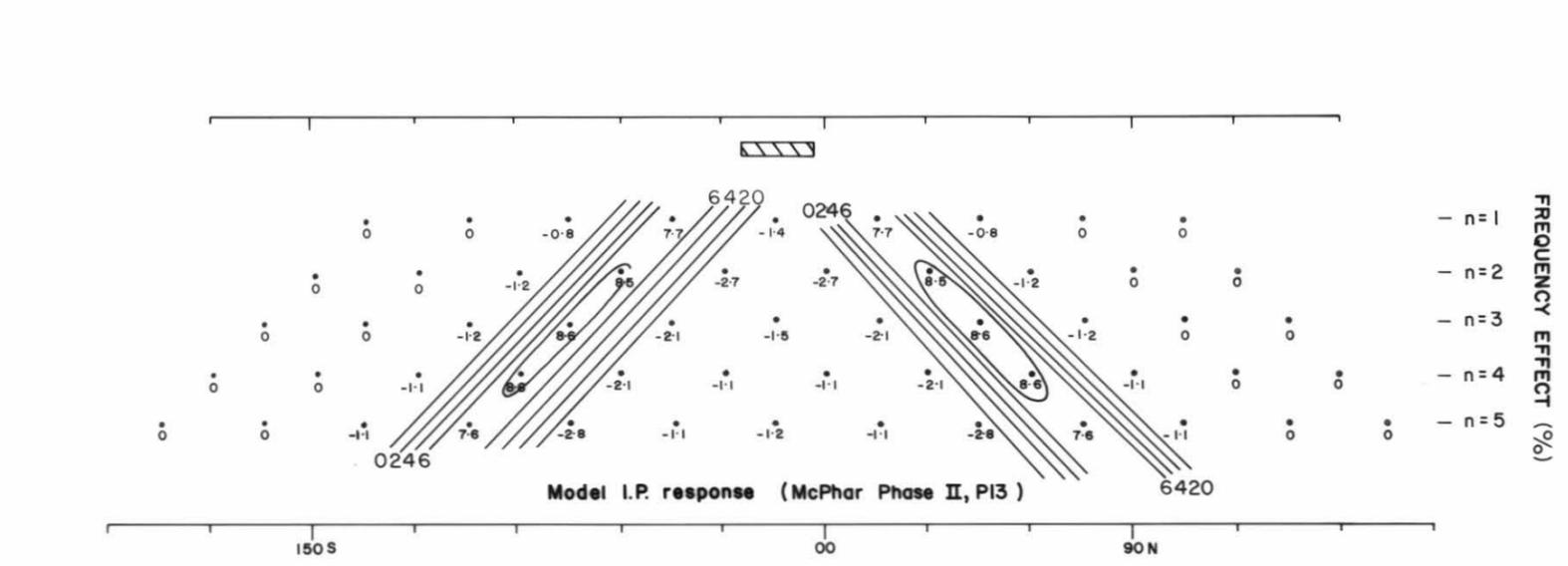
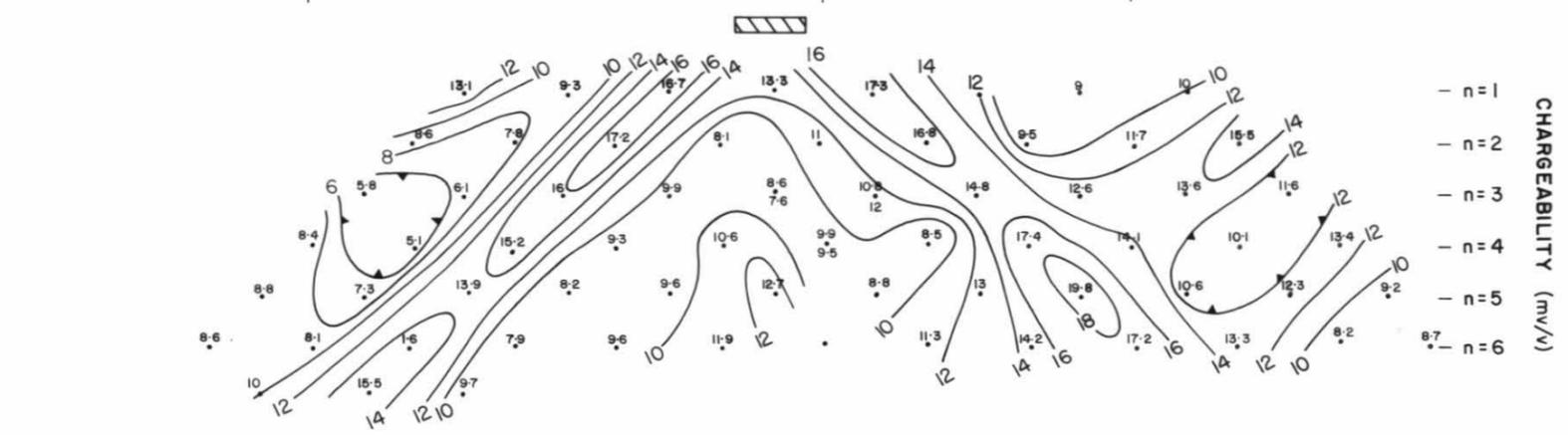
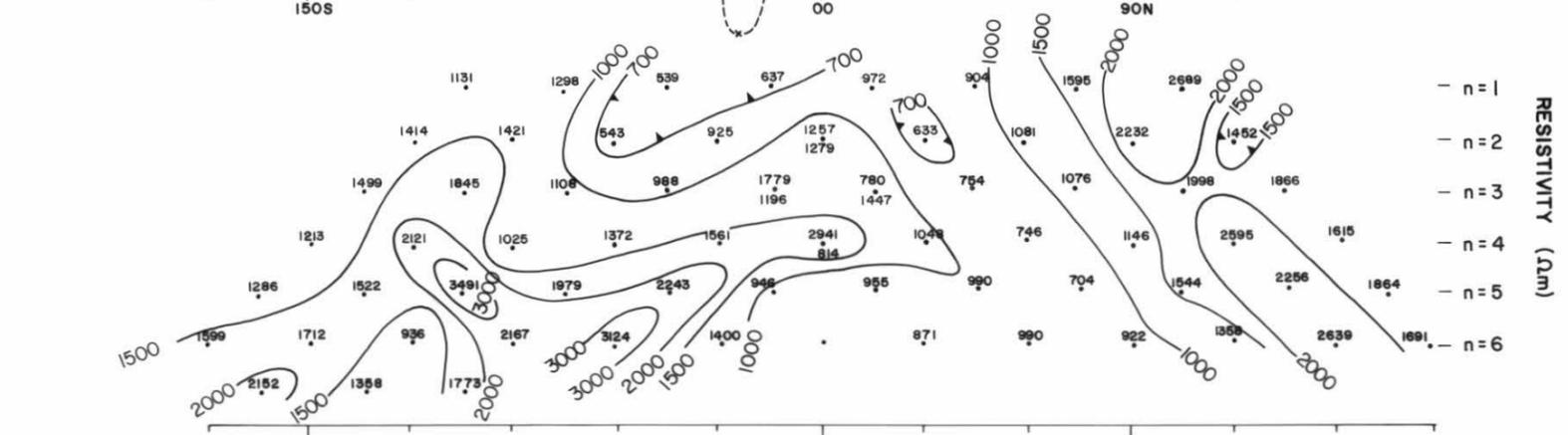
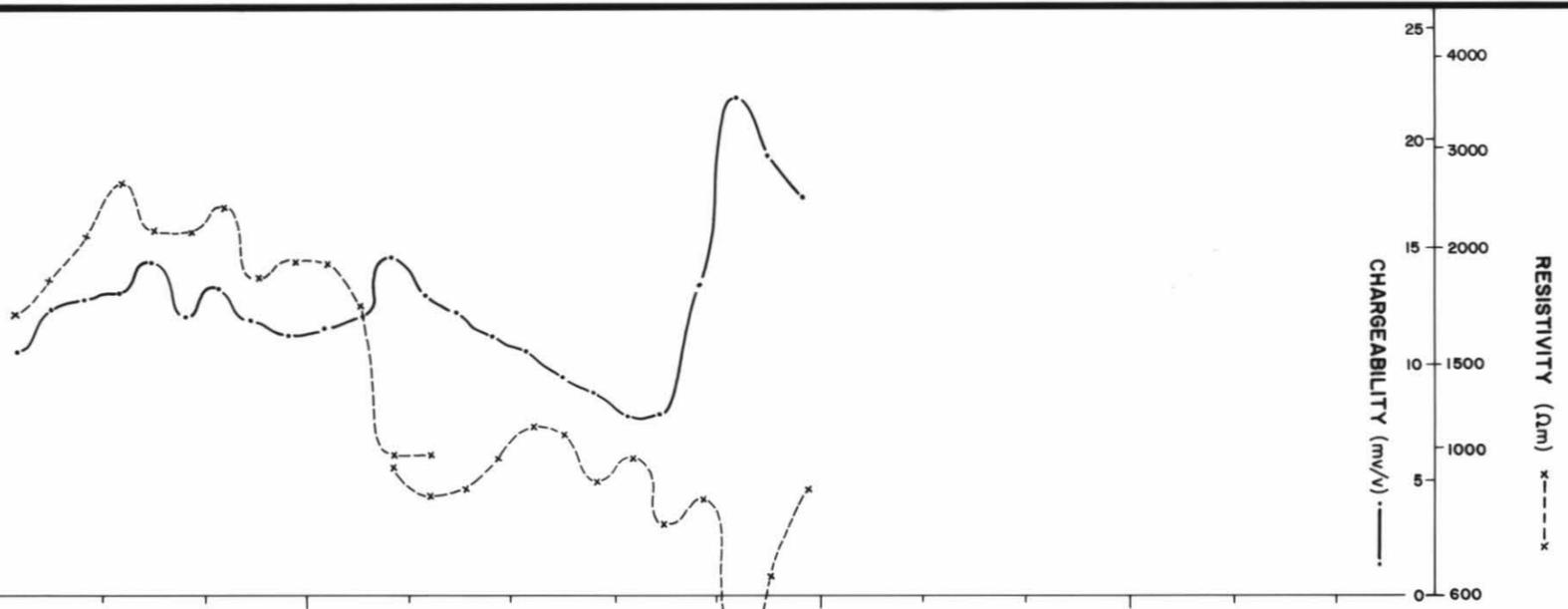
MITRE GEOPHYSICS PTY. LTD.			
Eastern Workings Geophysical Surveys Line 750 E.			
DRAWN: J.B.	SCALE: 1:2000	FED.502	
TRACED: T.S.D.S.	DATE: Aug. 1981	FIG.14	

I.P. Data

GRADIENT ARRAY

DIPOLE - DIPOLE

Topography & Geology

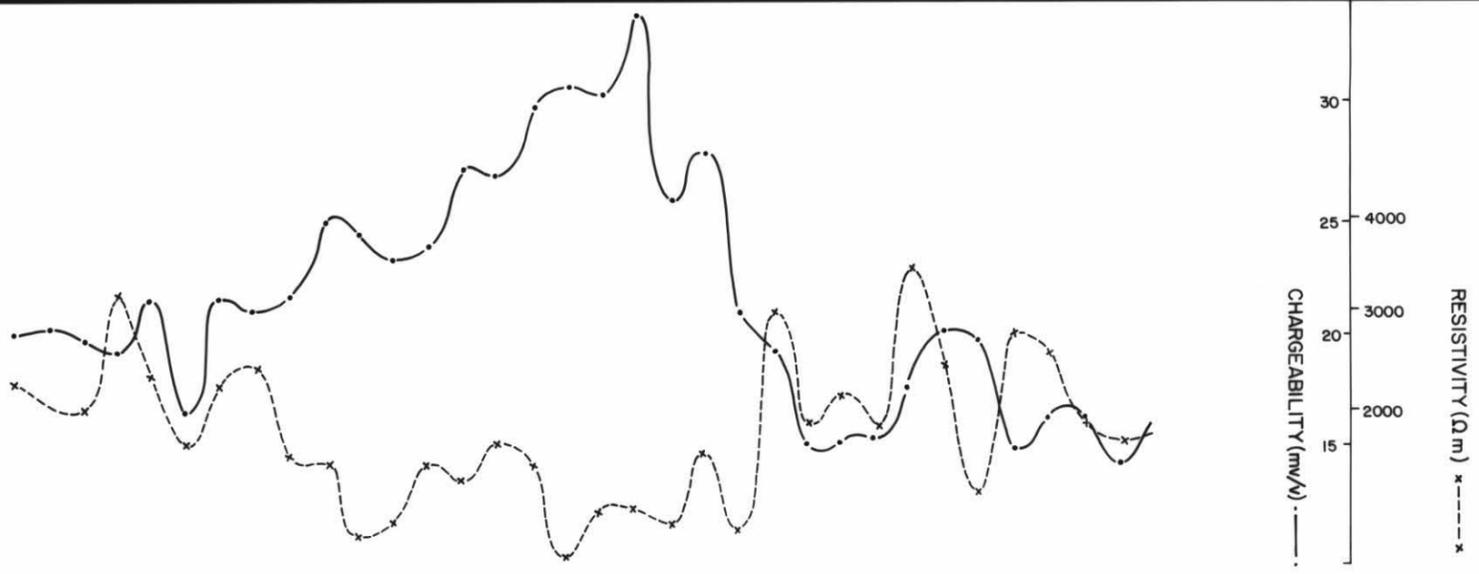


03-4932

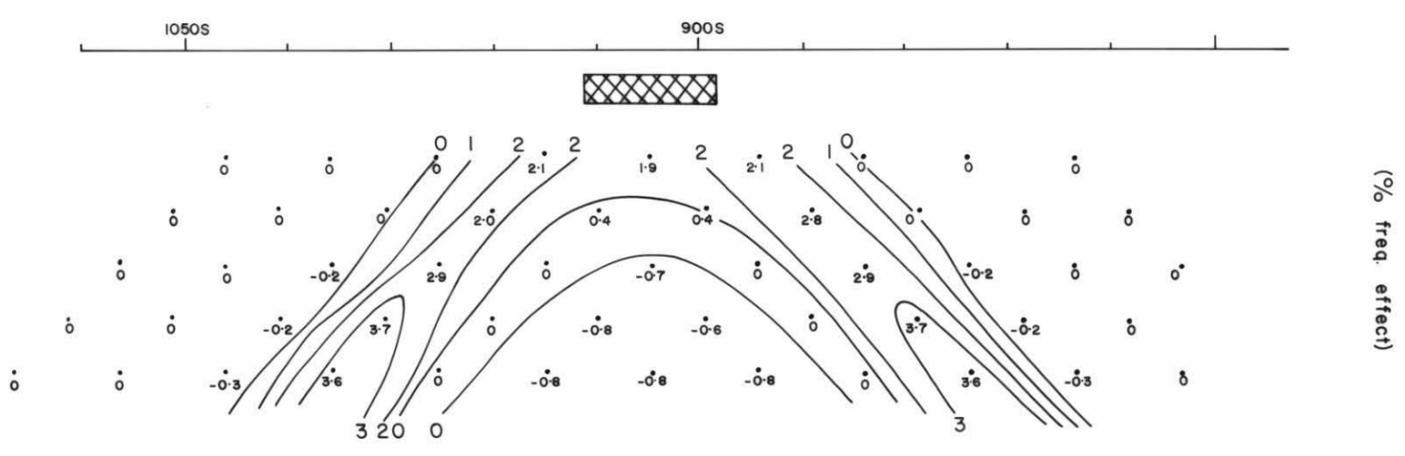
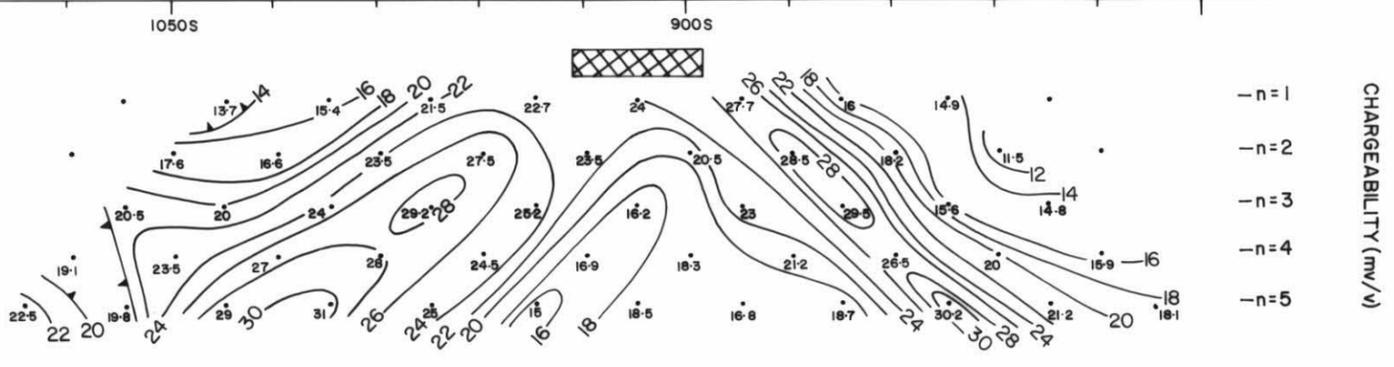
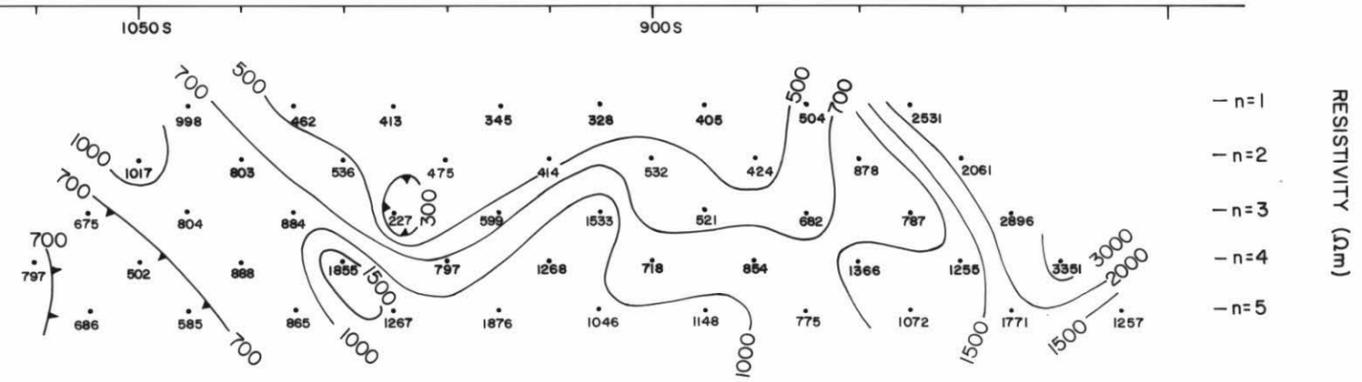
5 cm

MITRE GEOPHYSICS PTY. LTD.
 Federation Grid
 Field and model
 I.P. results for line 1100 W.
 DRAWN: J.B. SCALE: 1:2000
 TRACED: T.G.D.S. DATE: Aug. 1981
 FED. 503
 FIG. 15

**GRADIENT ARRAY I.P.
MODEL RESULTS**



**DIPOLE - DIPOLE I.P.
FIELD RESULTS**

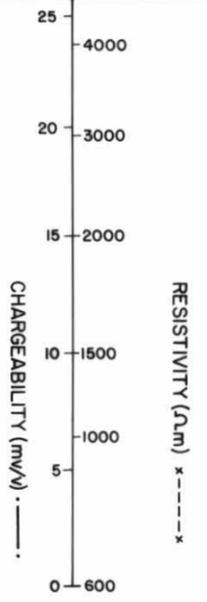


03-4932

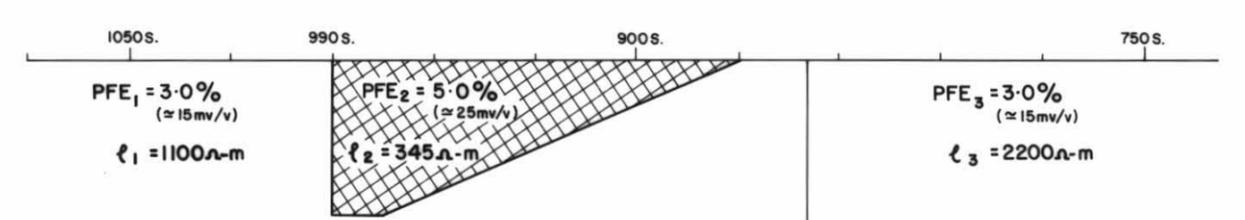
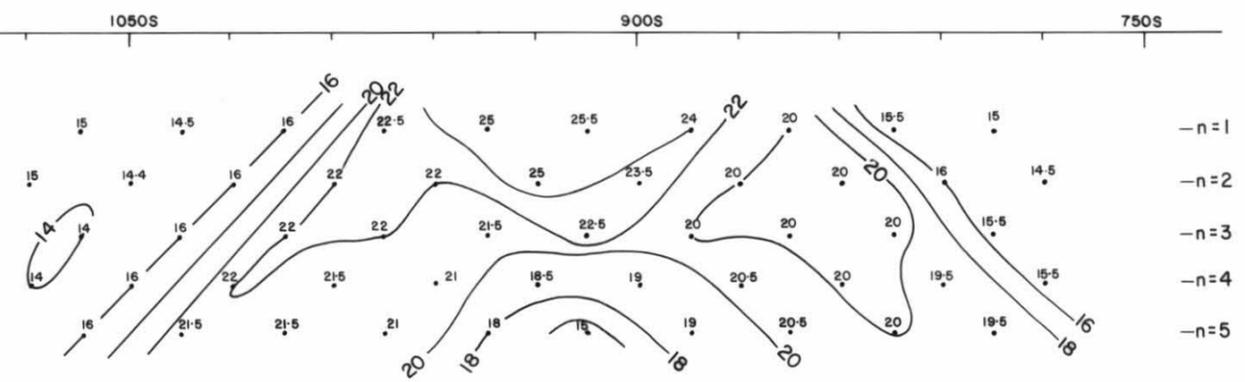
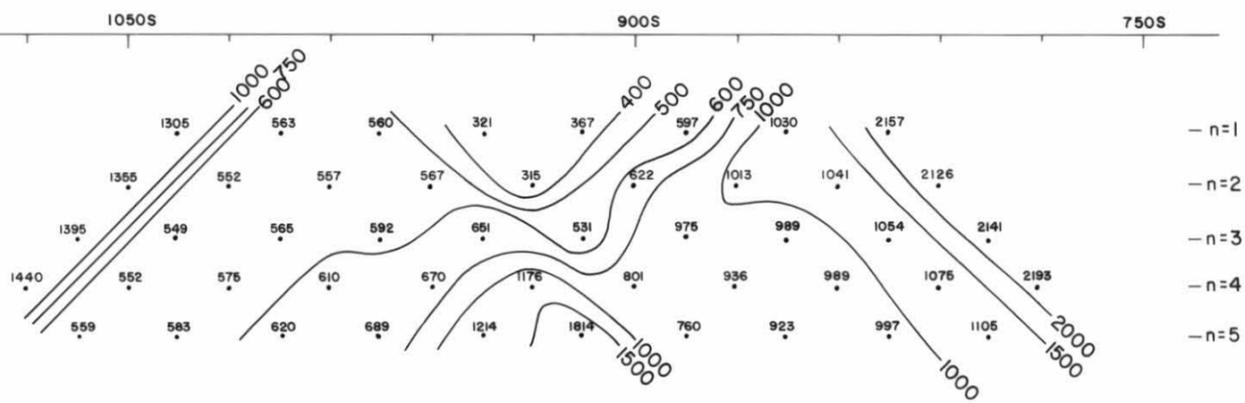
5 cm

MITRE GEOPHYSICS PTY. LTD.
Federation Grid
Field and model
I.P. results for line 1700 W.
DRAWN: J.B. SCALE: 1:2000
TRACED: T.G.S. DATE: Aug. 1981
FED. 504
FIG. 16

GRADIENT ARRAY I.P.
MODEL RESULTS



DIPOLE - DIPOLE I.P.
MODEL RESULTS

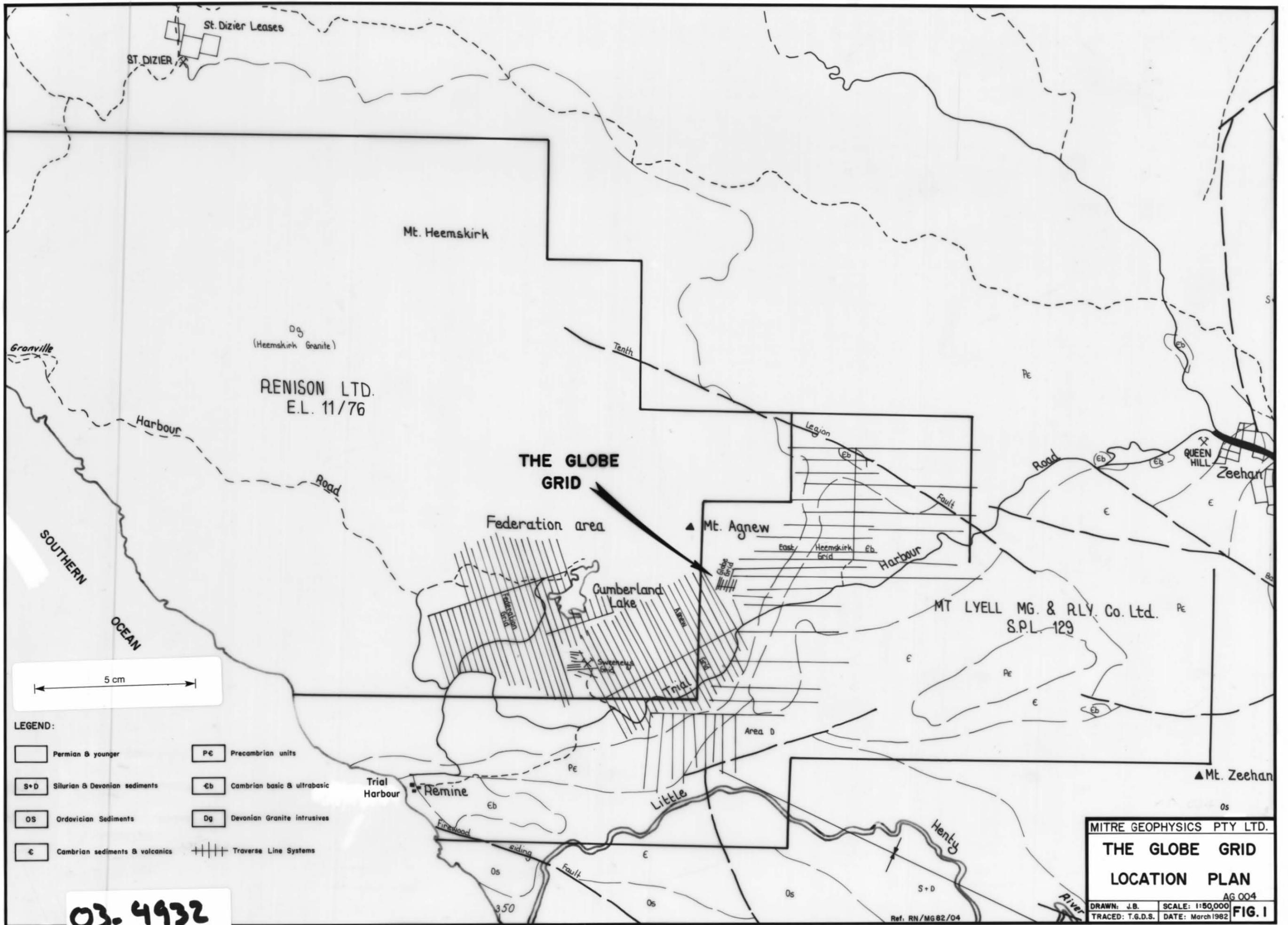


THE MODEL

03-4932

5 cm

MITRE GEOPHYSICS PTY. LTD.
Federation Grid
Computer Model I.P. results
for line 1700 W.
DRAWN: J.B. SCALE: 1:2000
TRACED: T.G.D.S. DATE: Aug. 1981
FED. 505
FIG. 17



St. Dizier Leases

ST. DIZIER

Mt. Heemskirk

Dg
(Heemskirk Granite)

RENISON LTD.
E.L. 11/76

THE GLOBE GRID

Federation area

▲ Mt. Agnew

Cumberland Lake

MT LYELL MG. & RLY. Co. Ltd.
S.P.L. 129

QUEEN HILL

Zeehan

▲ Mt. Zeehan

SOUTHERN OCEAN

5 cm

LEGEND:

- | | |
|--------------------------------|-----------------------------|
| Permian & younger | Precambrian units |
| Silurian & Devonian sediments | Cambrian basic & ultrabasic |
| Ordovician Sediments | Devonian Granite intrusives |
| Cambrian sediments & volcanics | Traverse Line Systems |

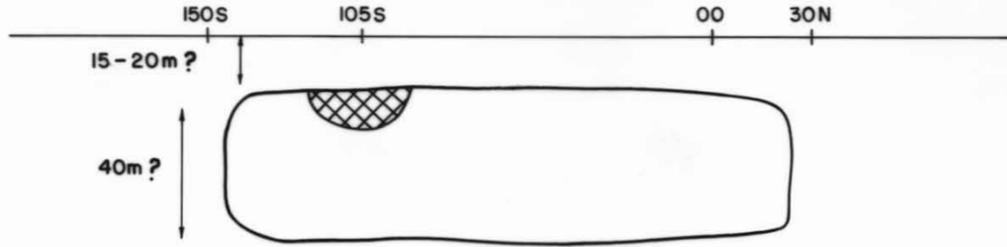
MITRE GEOPHYSICS PTY LTD.

THE GLOBE GRID
LOCATION PLAN

DRAWN: J.B. SCALE: 1:50,000
TRACED: T.G.D.S. DATE: March 1982 **FIG. 1**

No well defined response

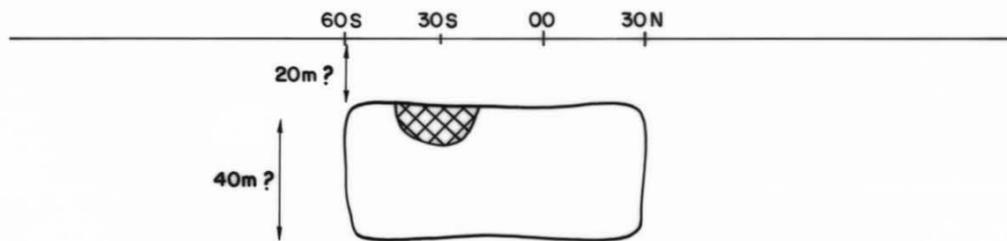
Line 120 E



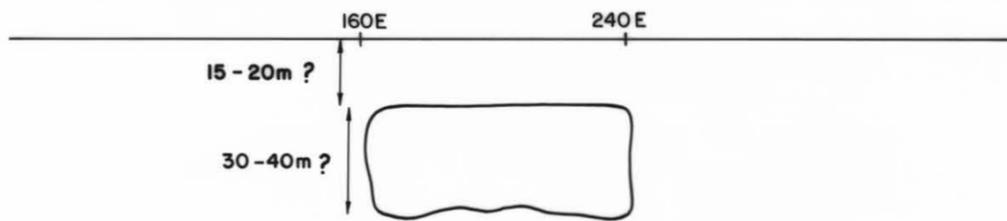
Line 160 E



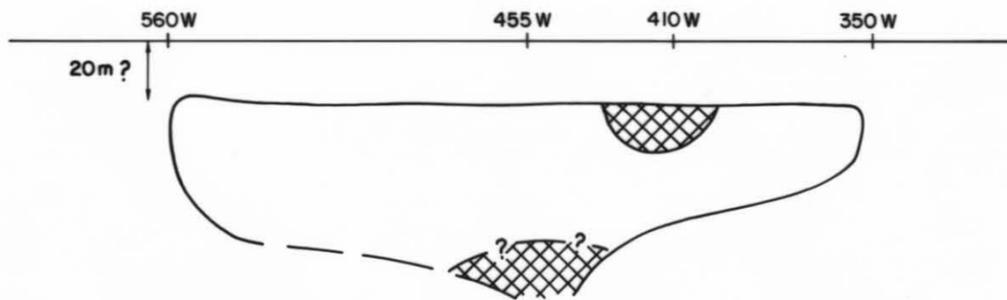
Line 240 E



Line 320 E



Line 00 N



Line 2750 N (E.H.G.)

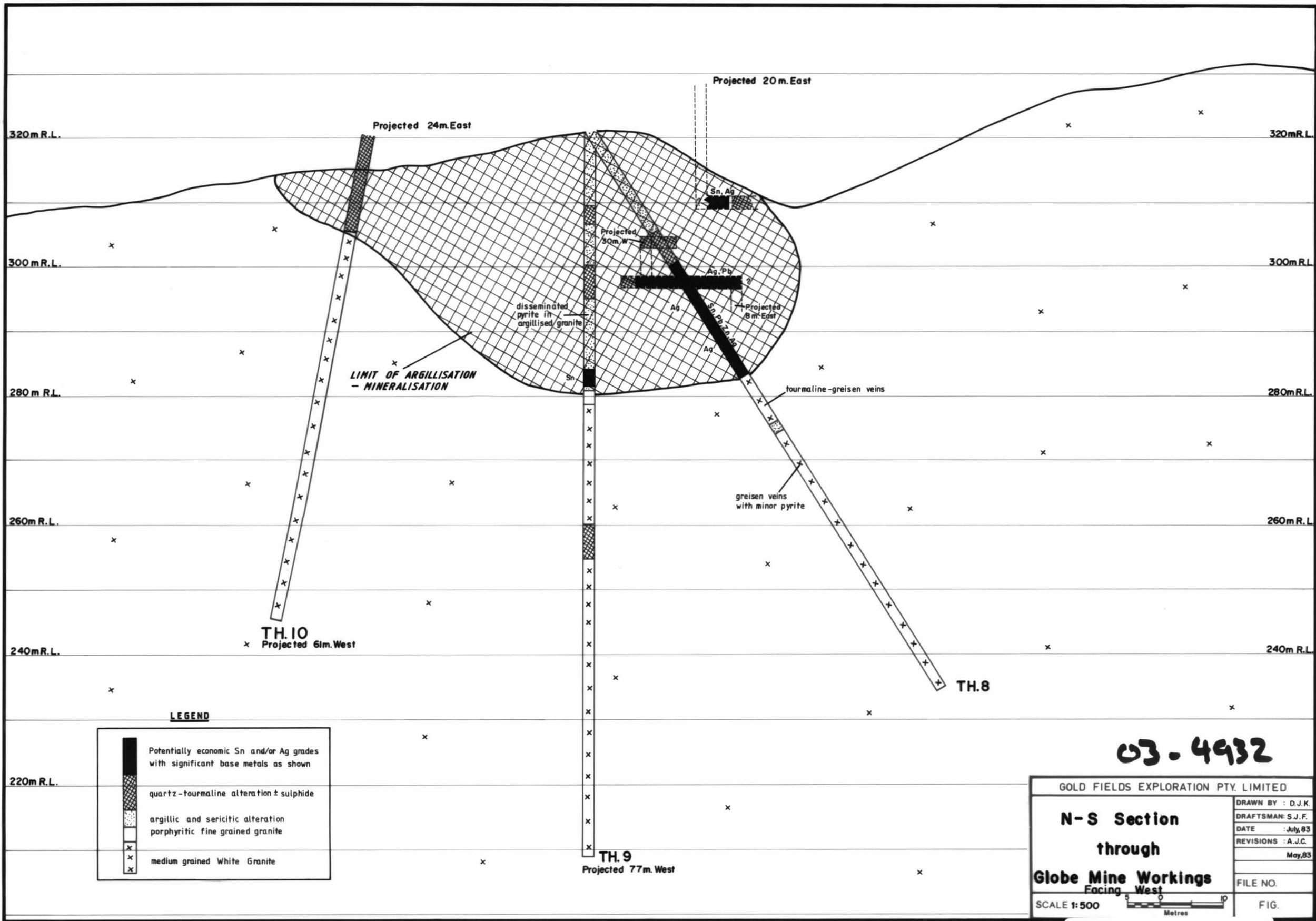
03-4432

Ref. RN/M682/04

5 cm

The dipole-dipole IP surveys over the Globe suggest a chargeable body with the above approximate dimensions. Areas of hatching indicate a higher concentration of chargeable material.

MITRE GEOPHYSICS PTY. LTD.
 GLOBE GRID
 Interpretation of
 Dipole-dipole Chargeability
 G.M.317
 DRAWN: J. Bishop SCALE: 1:2000
 TRACED: T.S.S. DATE: April '82
 FIG.25



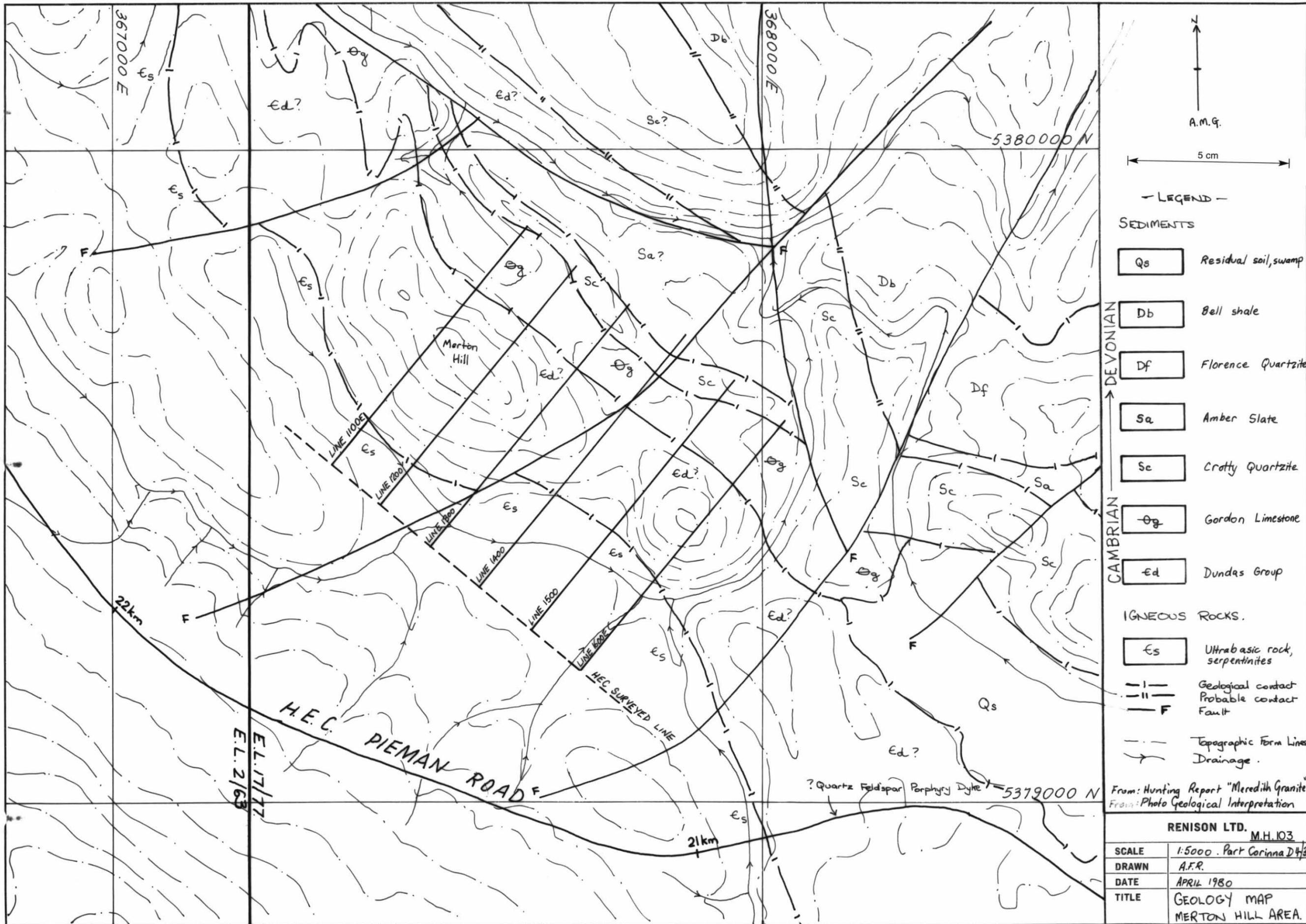
03-4932

LEGEND

	Potentially economic Sn and/or Ag grades with significant base metals as shown
	quartz-tourmaline alteration ± sulphide
	argillic and sericitic alteration porphyritic fine grained granite
	medium grained White Granite

GOLD FIELDS EXPLORATION PTY. LIMITED	
N-S Section through Globe Mine Workings Facing West	
SCALE 1:500	
DRAWN BY : D.J.K. DRAFTSMAN: S.J.F. DATE : July, 83 REVISIONS : A.J.C. May, 83	FILE NO. FIG.

5 cm



— LEGEND —

SEDIMENTS

- Qs Residual soil, swamp
- Db Bell shale
- Df Florence Quartzite
- Sa Amber Slate
- Sc Crotty Quartzite
- Gg Gordon Limestone
- Ed Dundas Group

IGNEOUS ROCKS.

- Es Ultrabasic rock, serpentinites

Geological Contact
 — | — Probable contact
 — F — Fault

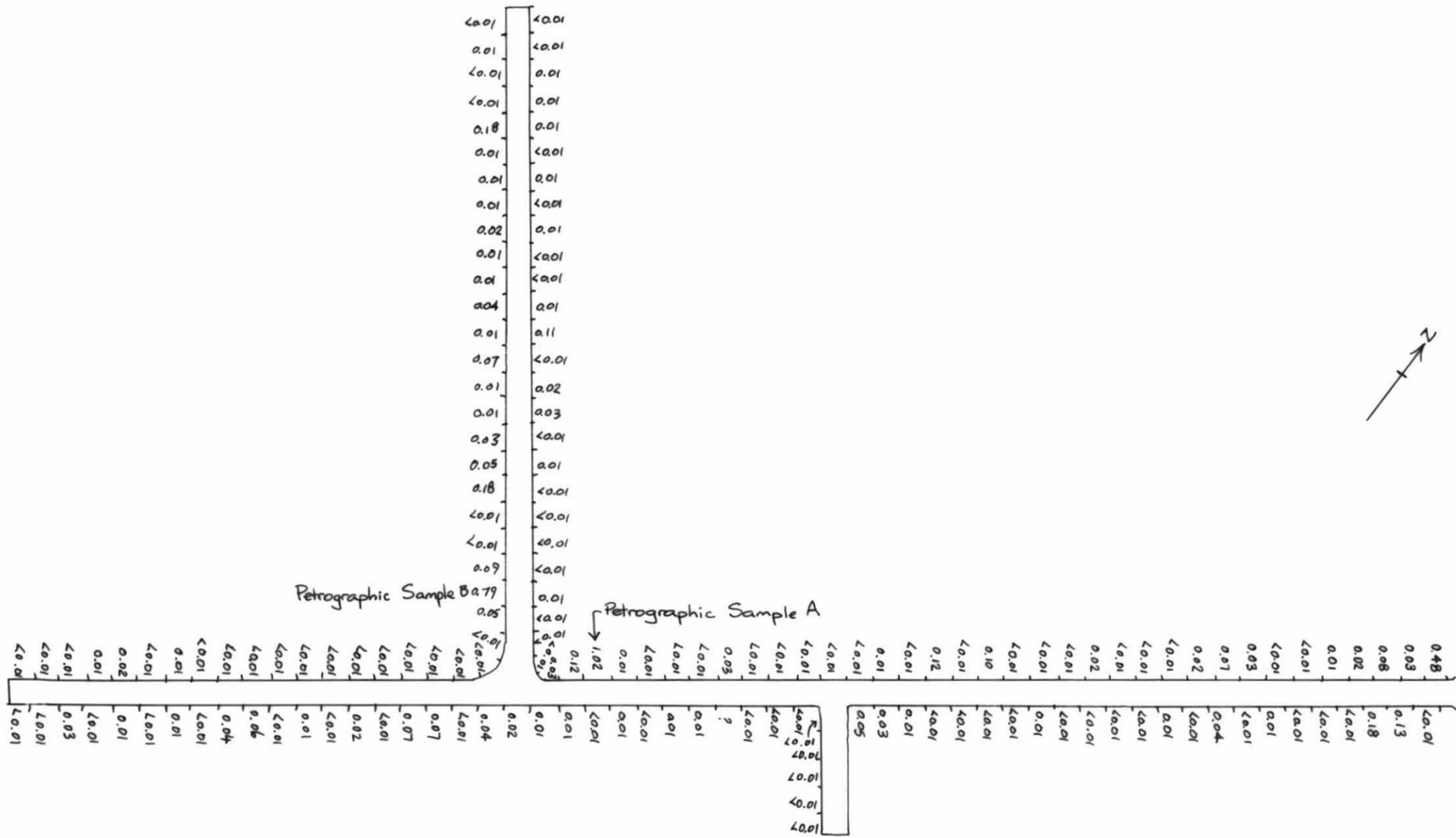
Topographic Form Lines
 - - - - -
Drainage
 > > > >

From: Hunting Report "Meredith Granite"
 From: Photo Geological Interpretation

RENISON LTD.	
M.H.103	
SCALE	1:5000 . Part Corinna D4/3
DRAWN	A.F.R.
DATE	APRIL 1980
TITLE	GEOLOGY MAP MERTON HILL AREA.

03-4932

FIGURE 2.



Approximate location of peg 300mN Line 1300E

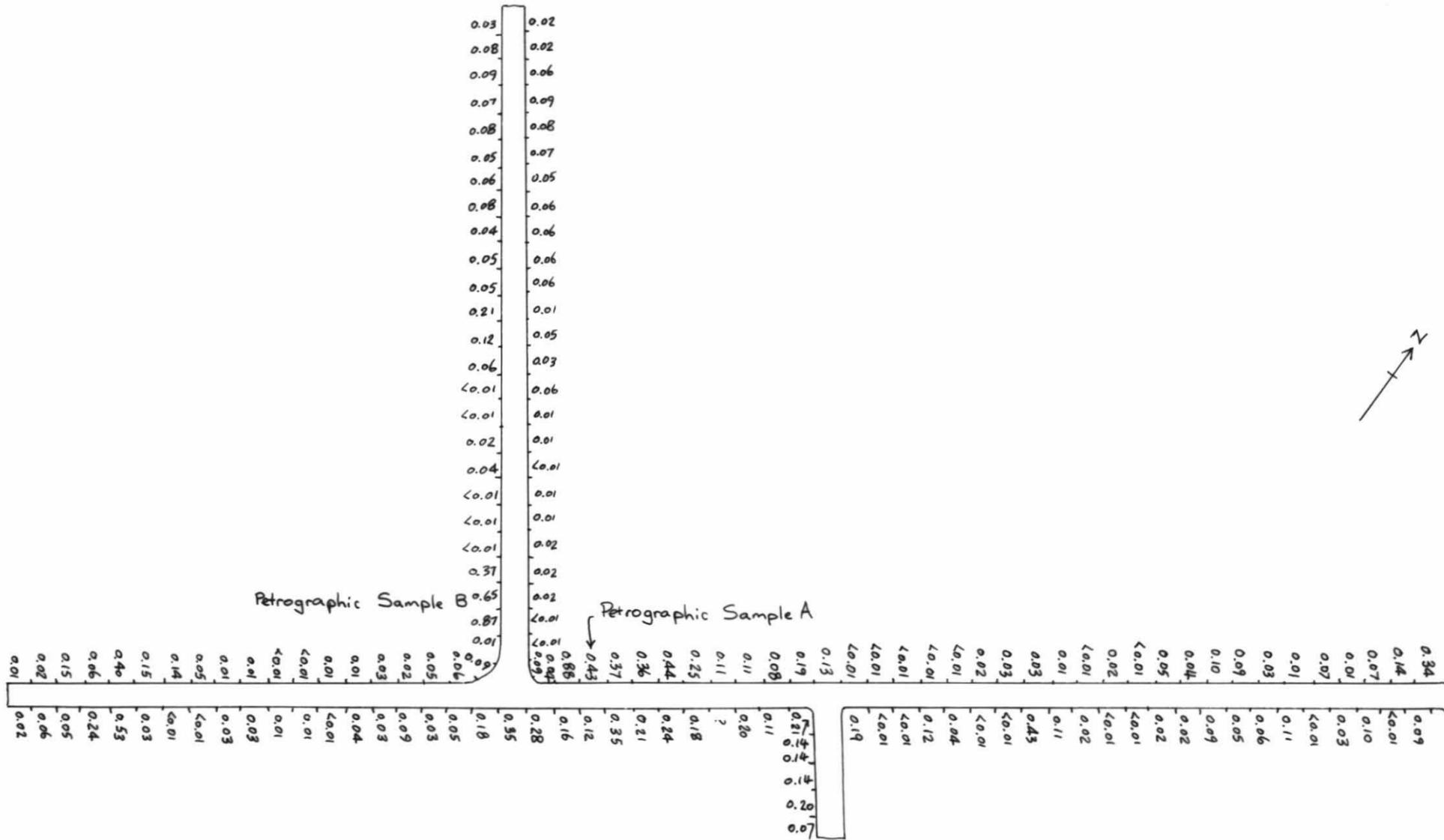
5 cm

-TIN -
Chip Sampling Results.
Values as % Sn

RENISON LTD.	
SCALE	1:200
DRAWN	A. Ross
DATE	April 1980
TITLE	ADIT No. 1 MT. MERTON

03.4932

FIGURE 4(a)

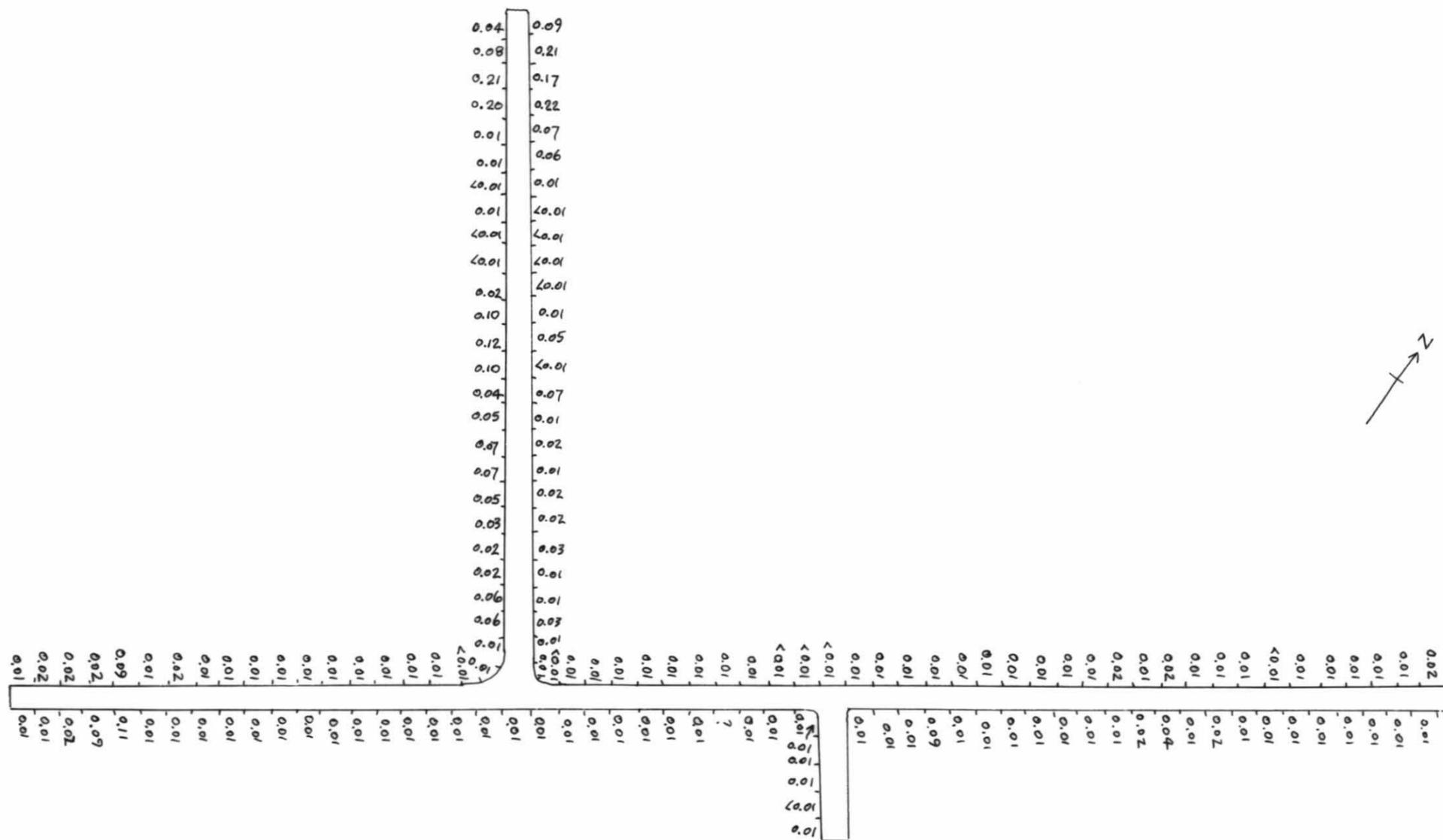


- LEAD -
 Chip Sampling Results
 Values as % Pb

RENISON LTD.	
SCALE	1:200
DRAWN	A. Ross
DATE	April 1980
TITLE	ADIT No. 1 MT. MERTON

03-4932

FIGURE 4(b)



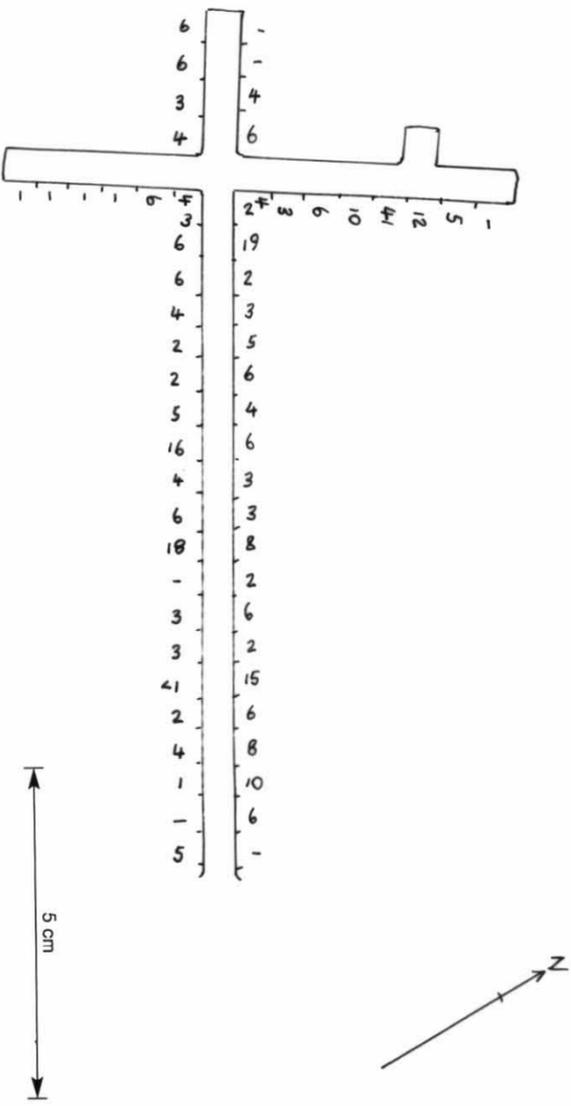
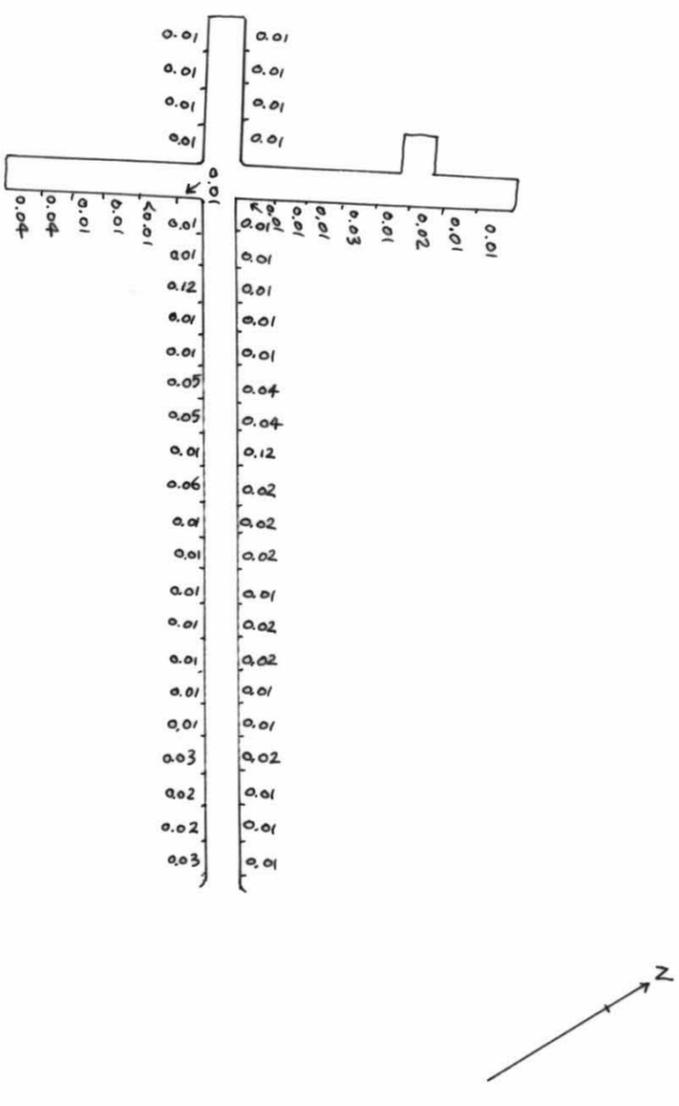
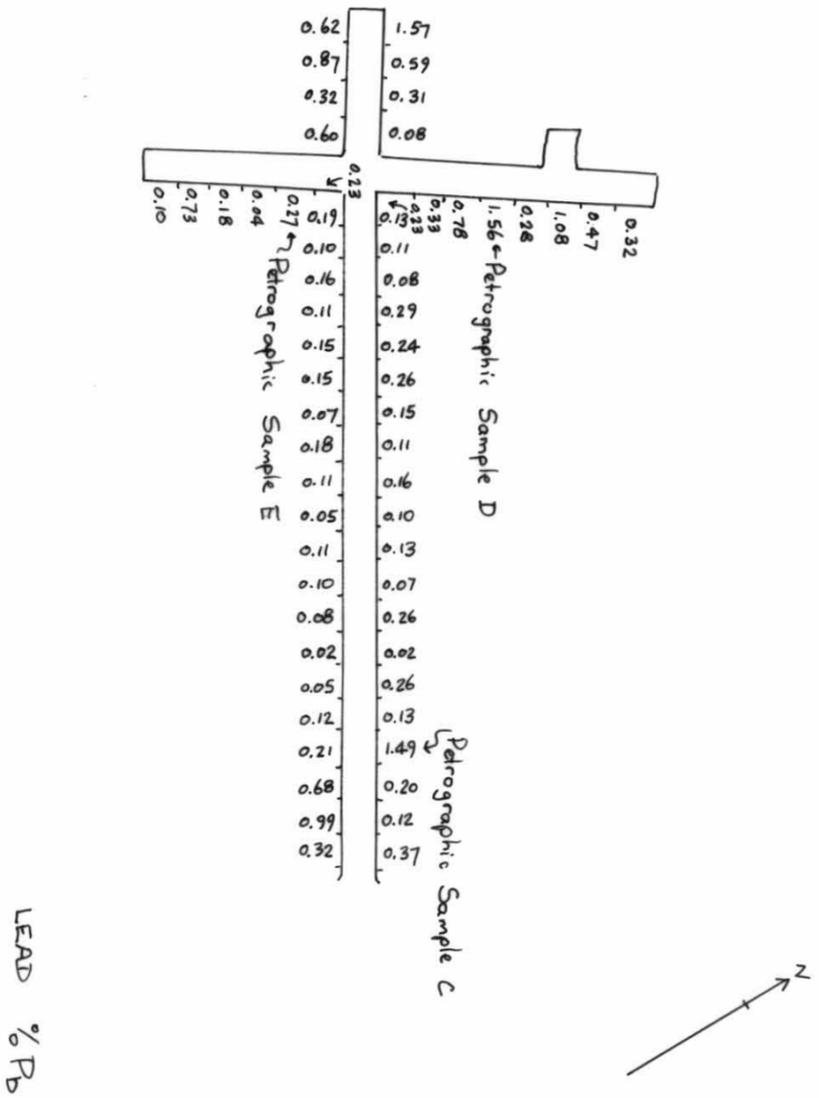
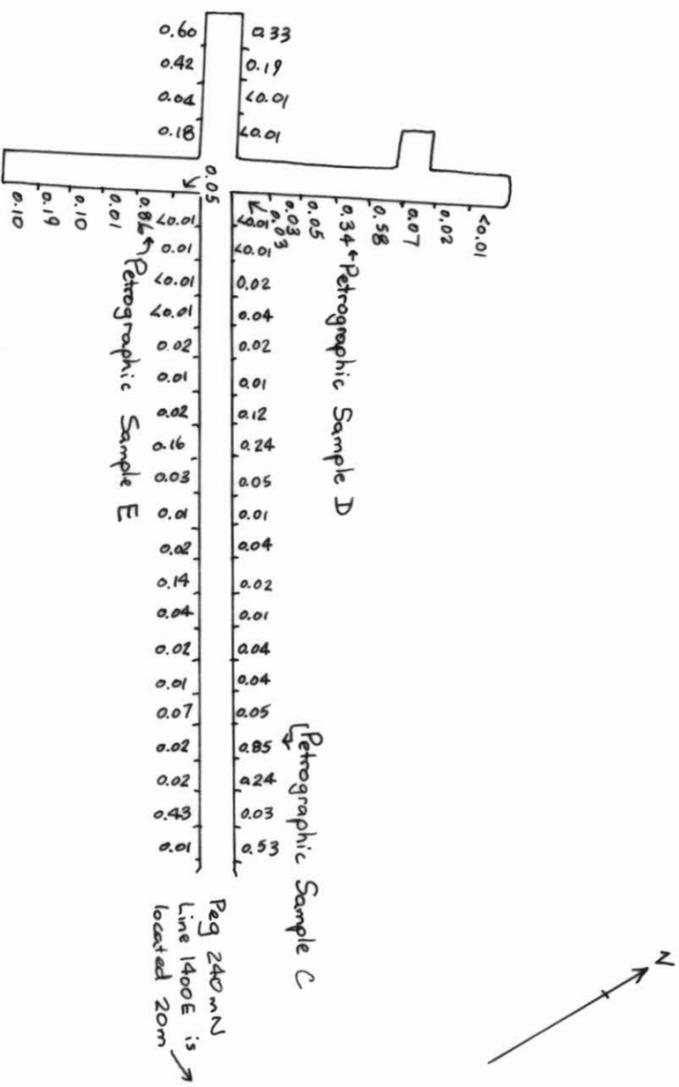
5 cm

- ZINC -
 Chip Sampling Results
 Values as % Zn MH.203

RENISON LTD.	
SCALE	1:200
DRAWN	A. Ross
DATE	April 1980
TITLE	ADIT No 1 MT. MERTON

03-4932

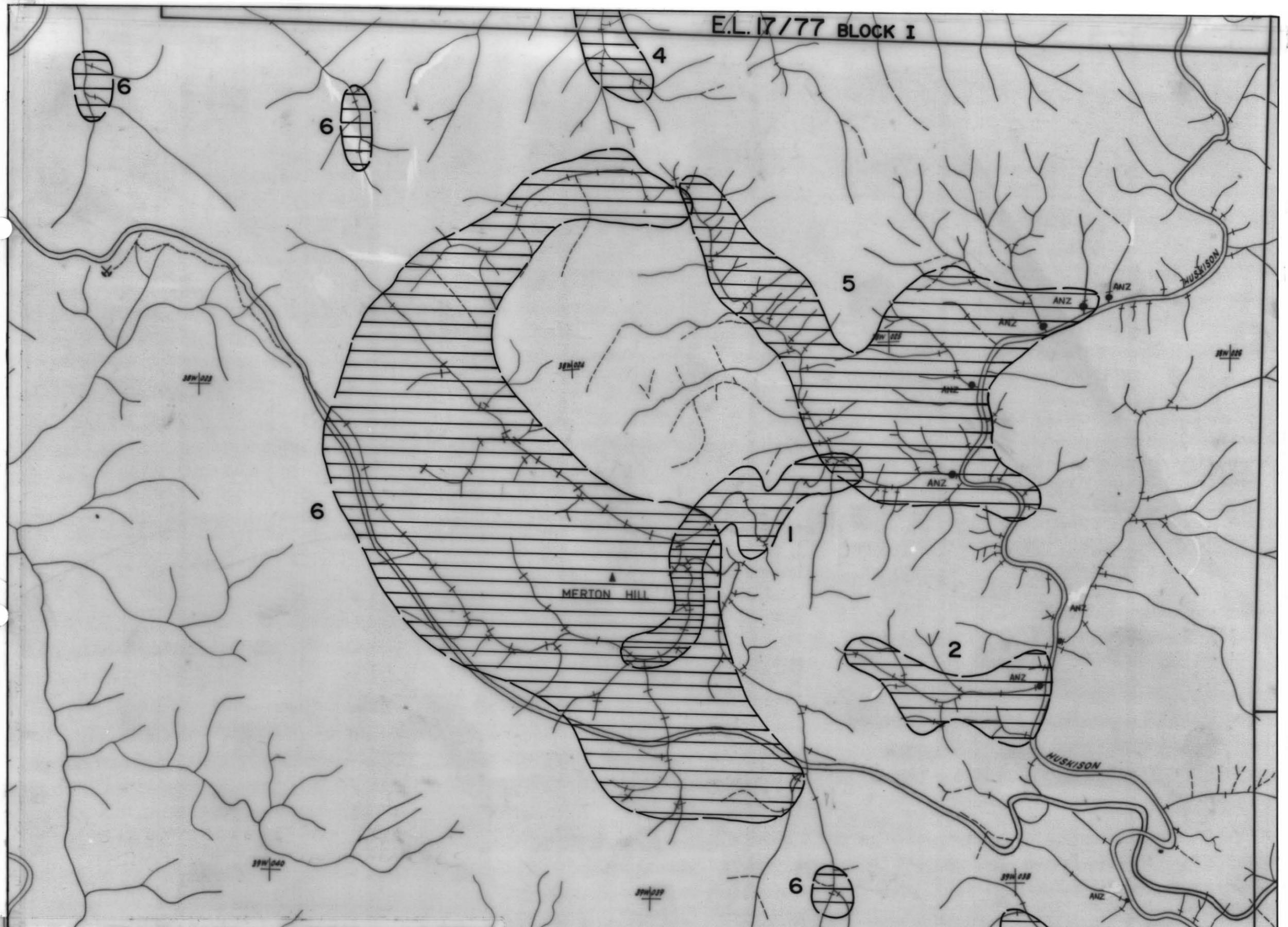
FIGURE 4(c)



RENISON LTD.		M.H.204
SCALE	1:200	
DRAWN	A. Ross	
DATE	April 1980	
TITLE	ADIT NO. 3	MT. MERTON

03-4932

FIGURE 4(e)



MERTON HILL

RENISON LIMITED
 E.L. 2/63 MT. LINDSAY AREA
 STREAM SEDIMENT SAMPLING
 SUMMARY OF ANOMALIES

M.L. 219

GEOLOGIST	: L. Martin
DRAUGHTSMAN	: T.G.D.S.
DATE	: June, 1982.
REVISIONS	

SCALE
 300m 0 300m 600m

DRAWING No.
 PLAN I.

5 cm

03-4932



RENISON LIMITED
 E.L. 2/63 MT. LINDSAY AREA
STREAM SEDIMENT SAMPLING
TIN ANOMALIES

M.L.220

GEOLOGIST : L. Martin
 DRAUGHTSMAN : T.G.D.S.
 DATE : June, 1982.



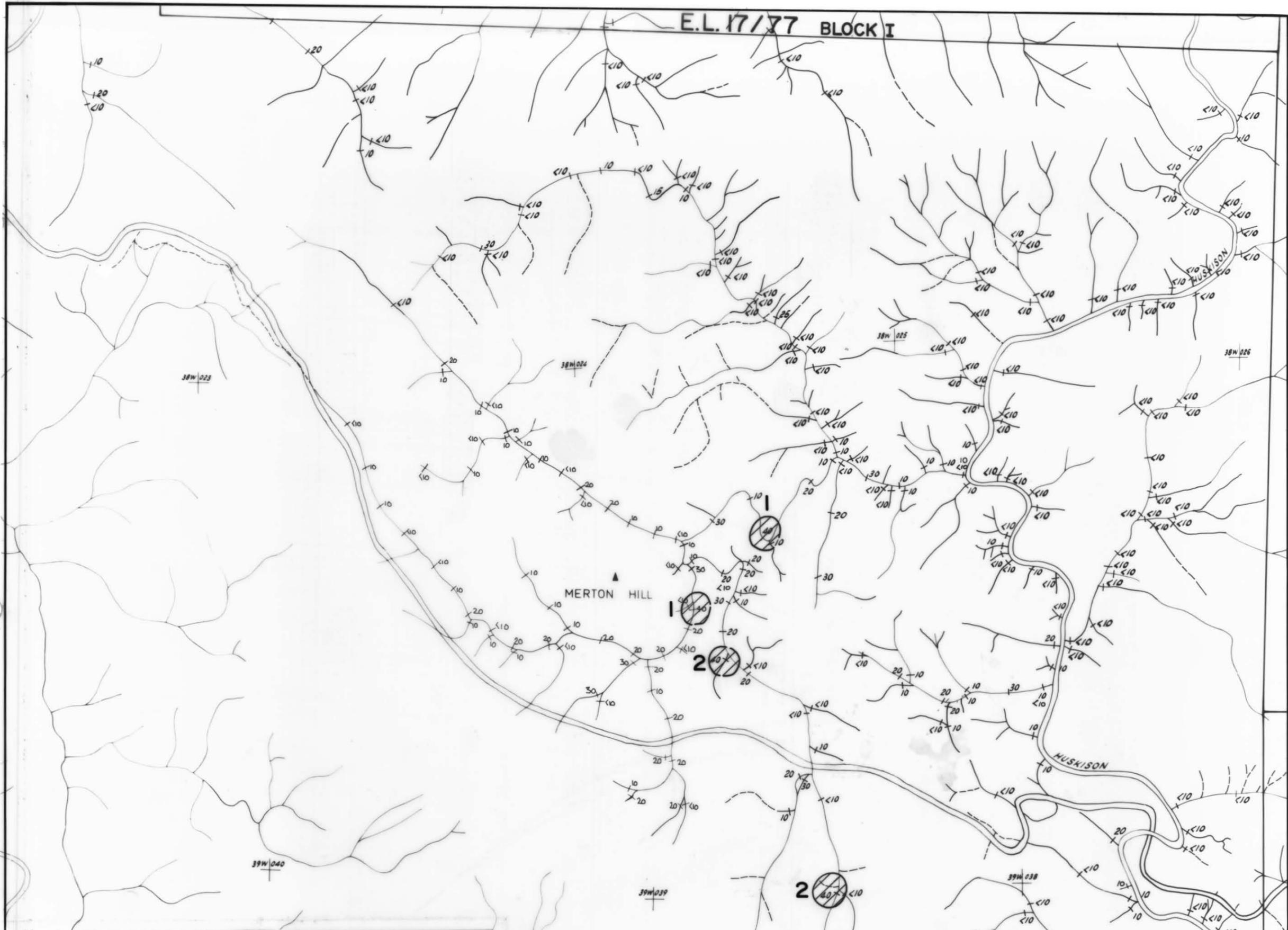
LEGEND

- ≥ 60p.p.m. Sn - slightly anomalous
- ≥ 120 p.p.m. Sn - highly anomalous

REVISIONS

← 5 cm →

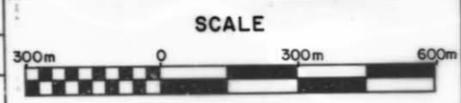
DRAWING No.
PLAN 3. 03-4932



RENISON LIMITED
 E.L. 2/63 MT. LINDSAY AREA
STREAM SEDIMENT SAMPLING
ARSENIC ANOMALIES

M.L. 221

GEOLOGIST : L.Martin
 DRAUGHTSMAN : T.G.D.S.
 DATE : June, 1982.

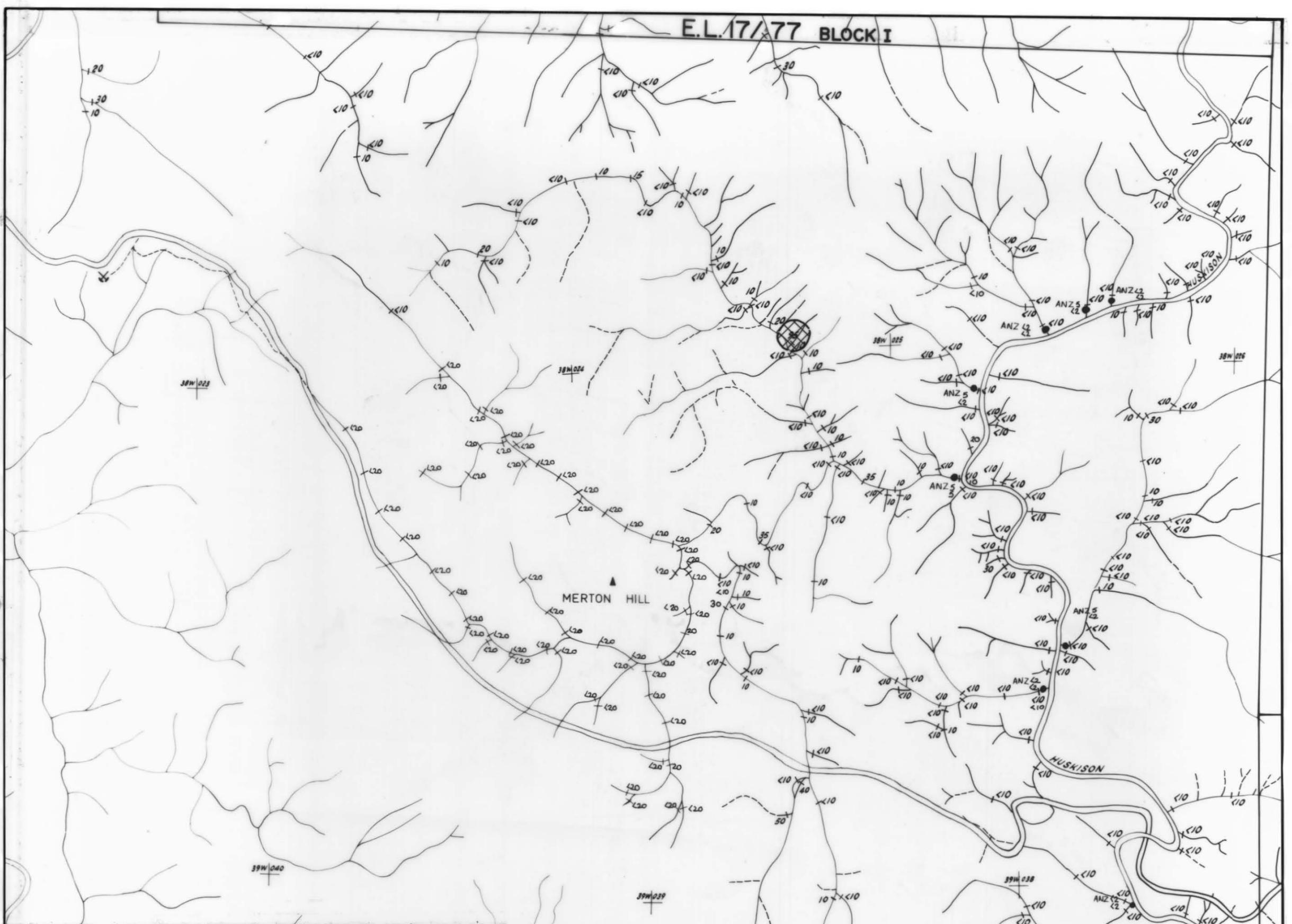


LEGEND

-  >30pp.m. As - moderately anomalous.
-  >50pp.m. As - highly anomalous.

REVISIONS ← 5 cm →

DRAWING No.
PLAN 4. 03-4932



RENISON LIMITED
 E.L. 2/63 MT. LINDSAY AREA
STREAM SEDIMENT SAMPLING
TUNGSTEN ANOMALIES

ML. 222

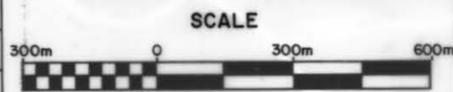
GEOLOGIST : L. Martin

DRAUGHTSMAN : T.G.D.S.

DATE : June, 1982.

REVISIONS :

03-4932

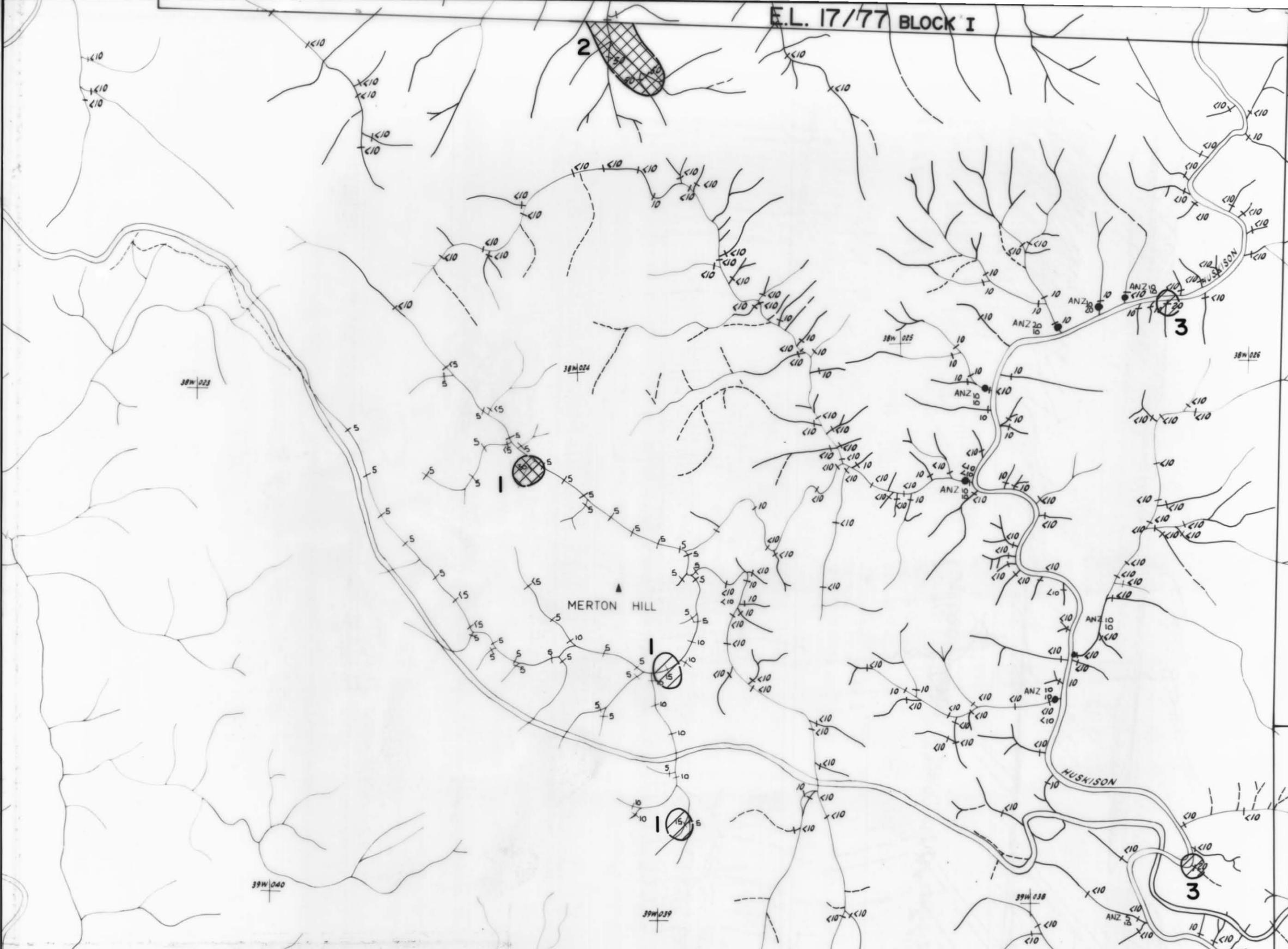


DRAWING No.
PLAN 5.

LEGEND

-  > 60pp.m. WO₃ - slightly anomalous.
-  > 80pp.m. WO₃ - highly anomalous.

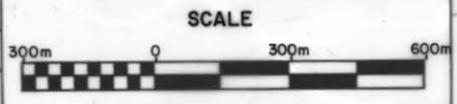




RENISON LIMITED
 E.L. 2/63 MT. LINDSAY AREA
STREAM SEDIMENT SAMPLING
COPPER ANOMALIES

M.L.223

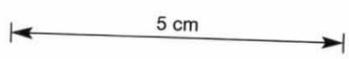
GEOLOGIST : L.Martin
 DRAUGHTSMAN : T.G.D.S.
 DATE : June, 1982
 REVISIONS :

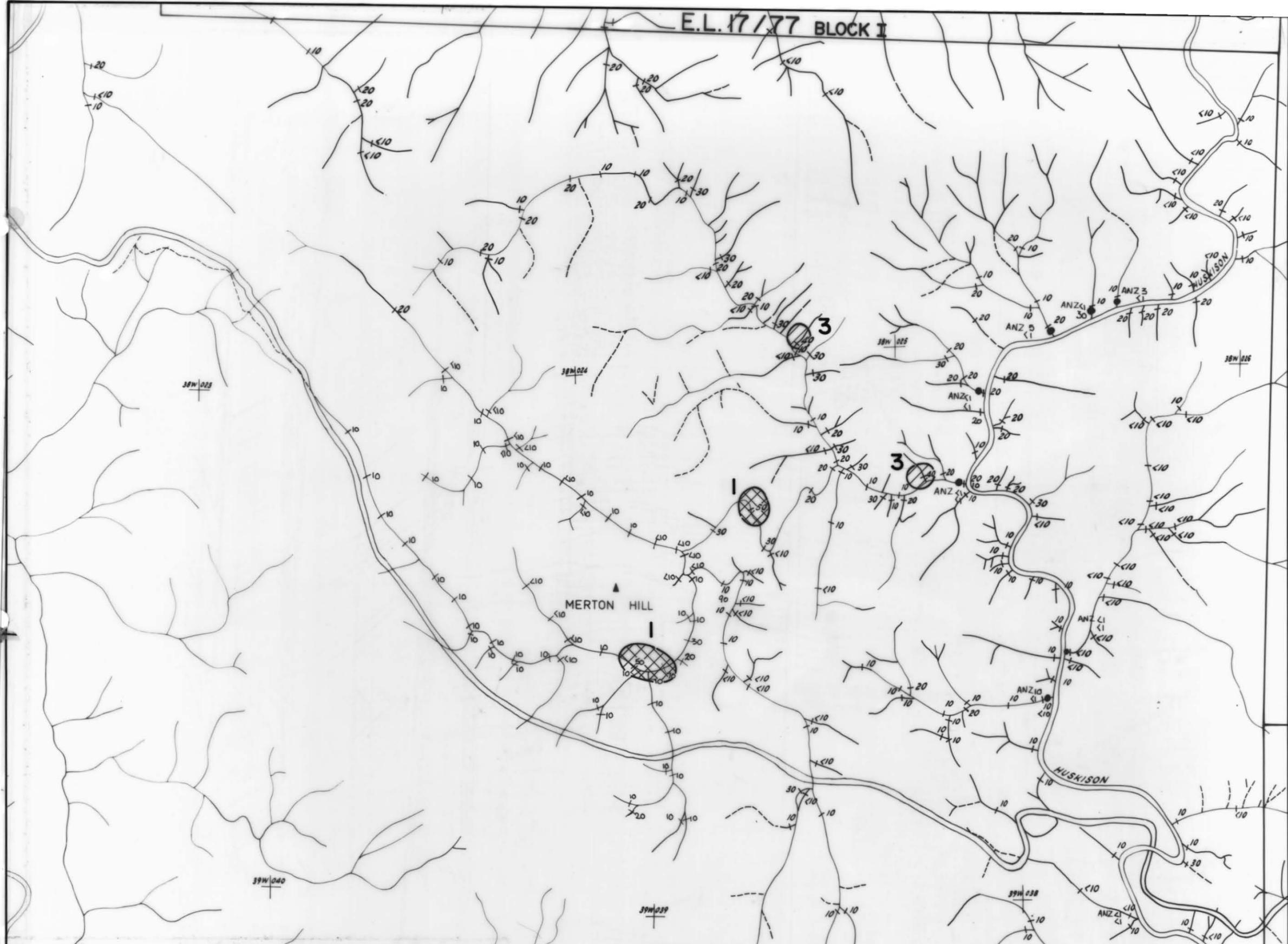


DRAWING No.
PLAN 6.

03-4932

LEGEND
 > 10 p.p.m. Cu - moderately anomalous.
 ≥ 30ppm. Cu - highly anomalous.

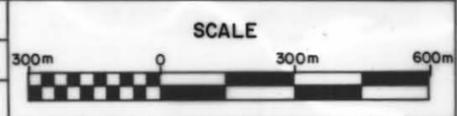




RENISON LIMITED
 E.L. 2/63 MT. LINDSAY AREA
**STREAM SEDIMENT SAMPLING
 LEAD ANOMALIES**

M.L. 224

GEOLOGIST : L.Martin
 DRAUGHTSMAN : T.G.D.S.
 DATE : June, 1982.

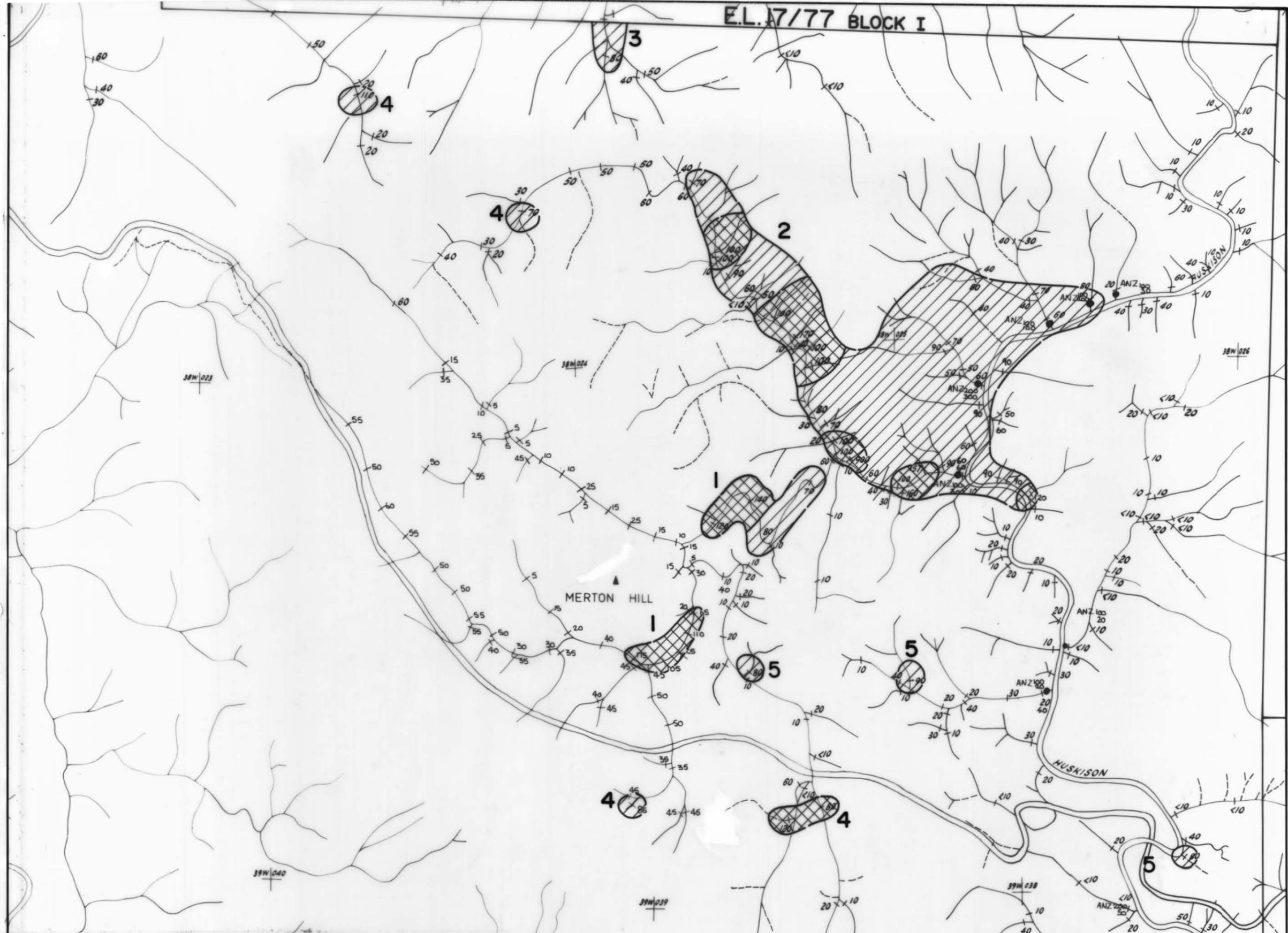


LEGEND
 ▨ > 30pp.m. Pb - moderately anomalous
 ▩ > 50pp.m. Pb - highly anomalous

REVISIONS : **03.4932**

DRAWING No.
PLAN 7.

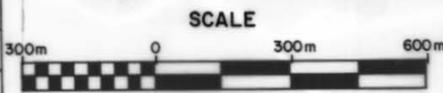




RENISON LIMITED
 E.L. 2/63 MT. LINDSAY AREA
STREAM SEDIMENT SAMPLING
ZINC ANOMALIES

M.L.225

GEOLOGIST : L.Martin
 DRAUGHTSMAN : T.G.D.S.
 DATE : June, 1982.



LEGEND
 >60 p.p.m. Zn - moderately anomalous.
 >100 p.p.m. Zn - highly anomalous.

REVISIONS

03-4937

DRAWING No. PLAN 8.

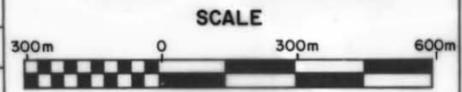




RENISON LIMITED
 E.L. 2/63 MT. LINDSAY AREA
STREAM SEDIMENT SAMPLING
NICKEL ANOMALIES

ML226

GEOLOGIST : L.Martin
 DRAUGHTSMAN : T.G.D.S.
 DATE : June, 1982.

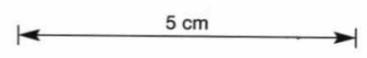


REVISIONS :
03-4932

DRAWING No.
PLAN 9.

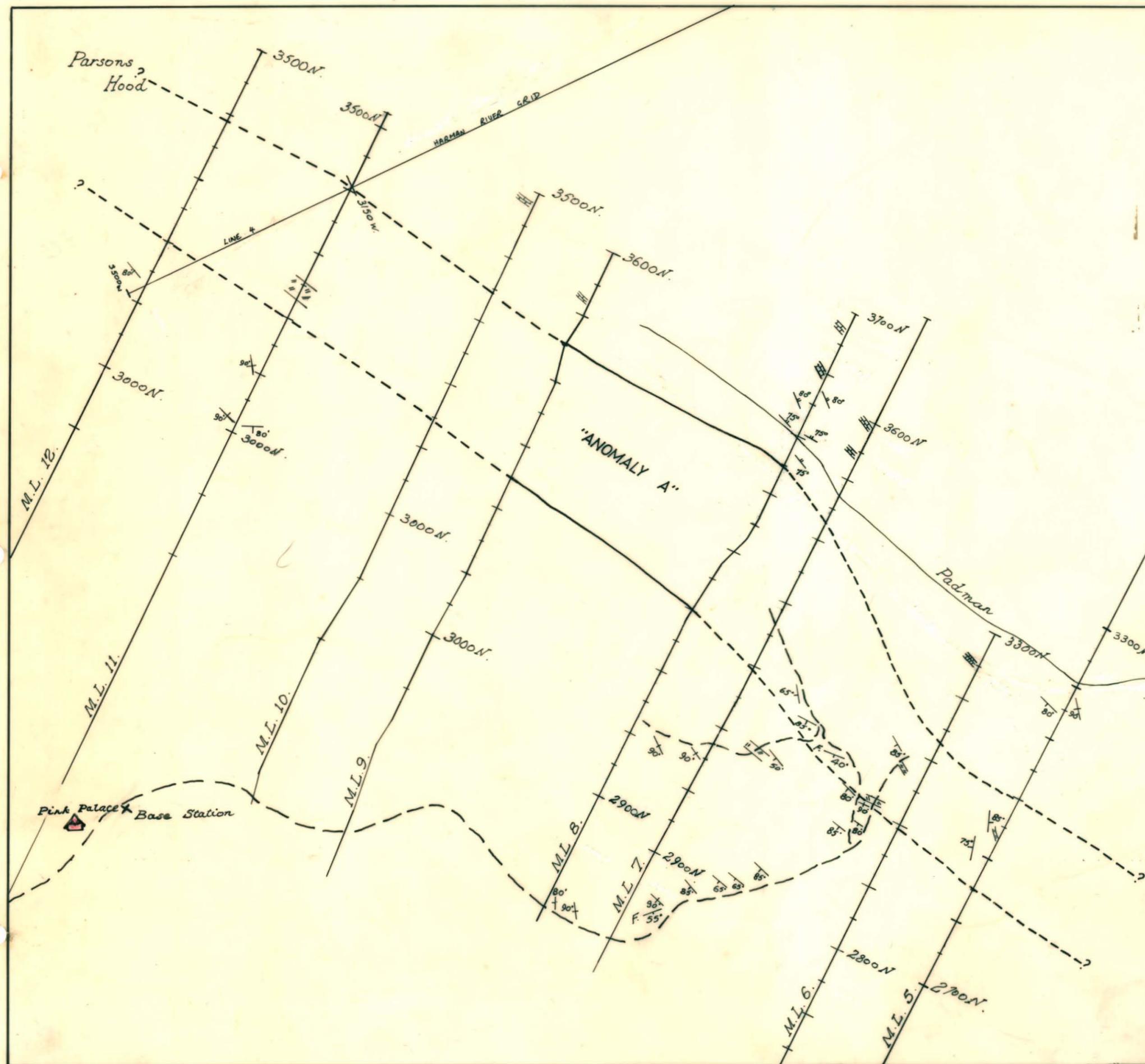
LEGEND

-  ≥ 50p.p.m. Ni - moderately anomalous
-  ≥ 100 p.p.m. Ni - highly anomalous



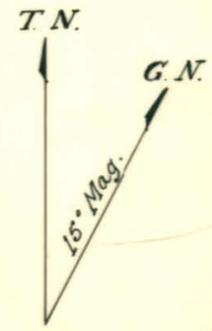
03-4932

5 cm



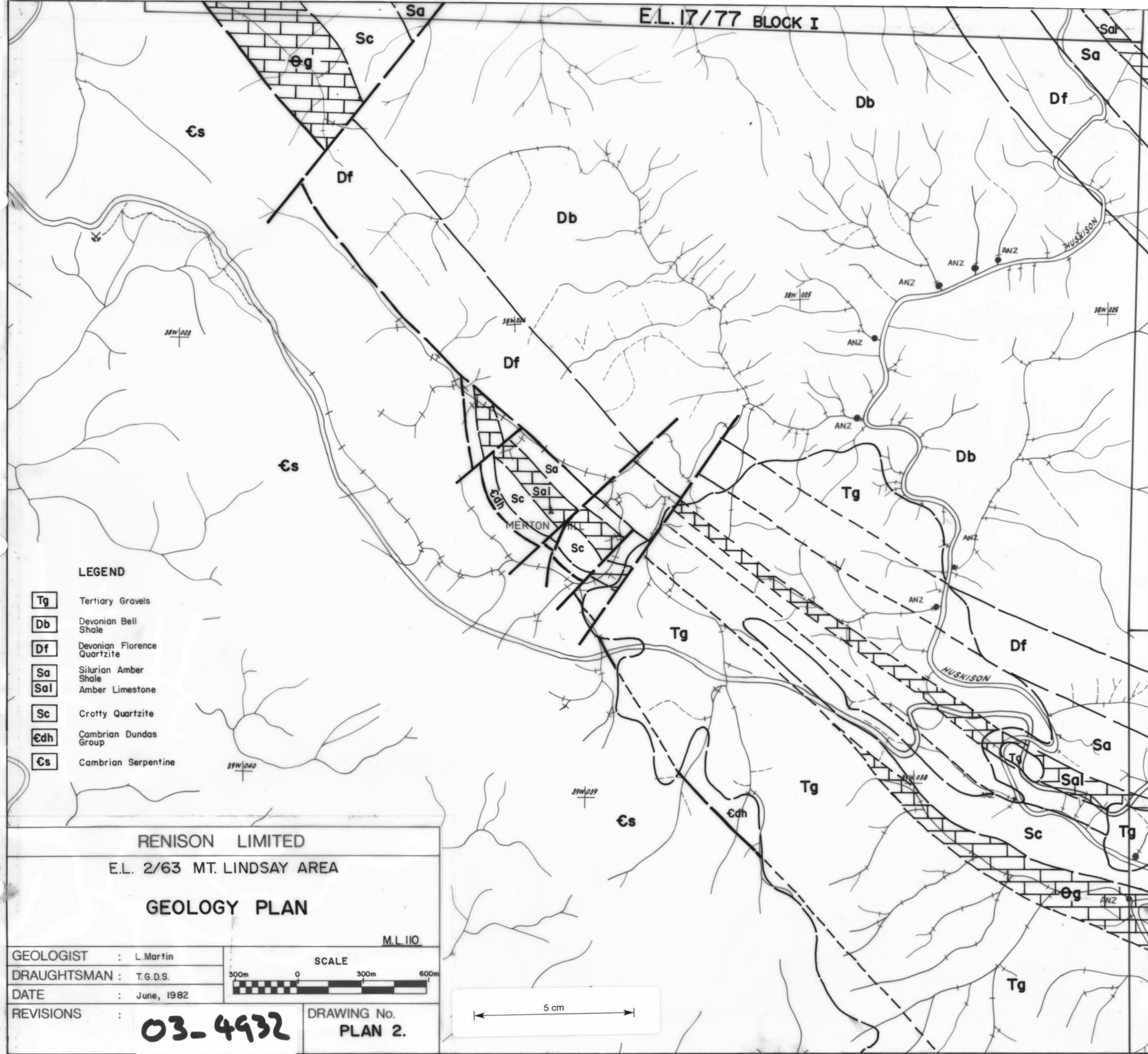
KEY.

- Cambrian*
-  (i) Crinson Ck. group.
Hornfelsed, greywacke, siltstones,
& minor carbonates.
 -  (ii) Gabbroic intrusives
 -  Dozed road system.



100. 50. 0. 100. 200. Metres.
Scale 1:5000.

RENISON LIMITED		
MOUNT LINDSAY PARSONS HOOD AREA		
		M.L. 108
Compiled.	POLTOCK BROS.	Revisions
Drawn.	POLTOCK BROS.	
Date. NOV 1980	Dwg. No. 1	



LEGEND

- Tg Tertiary Gravels
- Db Devonian Bell Shale
- Df Devonian Florence Quartzite
- Sa Silurian Amber Shale
- Sal Amber Limestone
- Sc Crotty Quartzite
- Edh Cambrian Dundas Group
- Cs Cambrian Serpentine

RENISON LIMITED

E.L. 2/63 MT. LINDSAY AREA

GEOLOGY PLAN

M.L. 110

GEOLOGIST : L. Martin

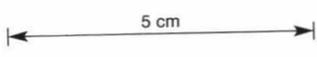
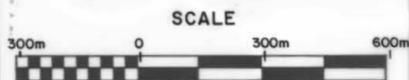
DRAUGHTSMAN : T.G.D.S.

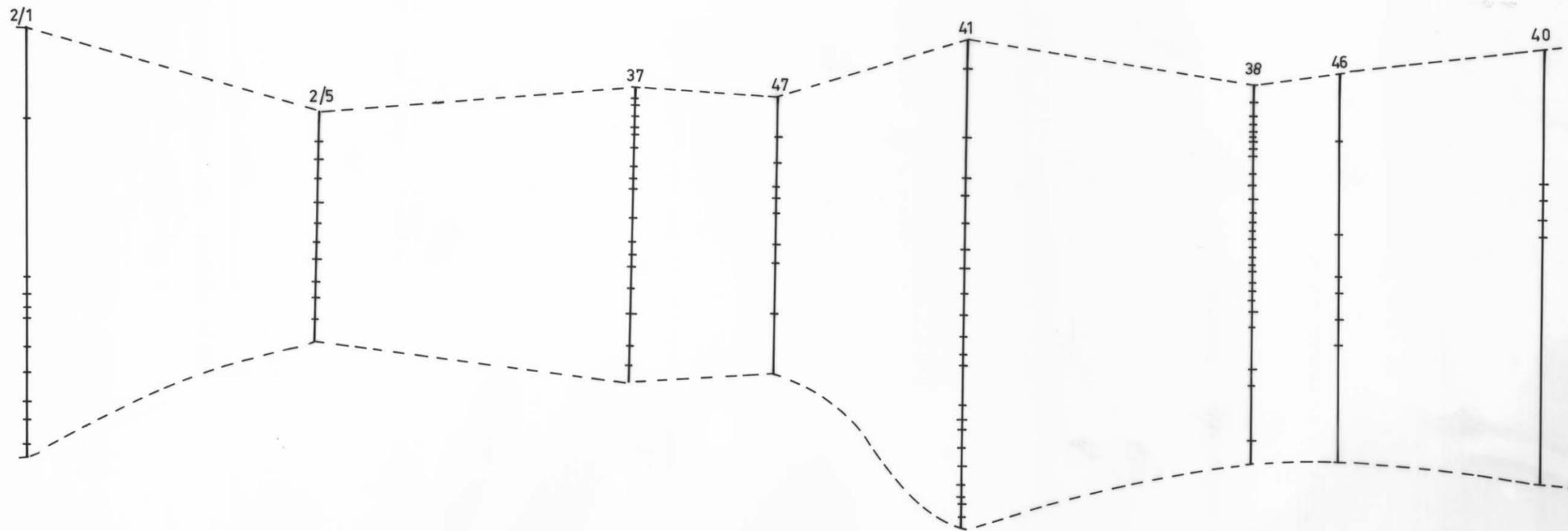
DATE : June, 1982

REVISIONS :

03-4932

DRAWING No.
PLAN 2.





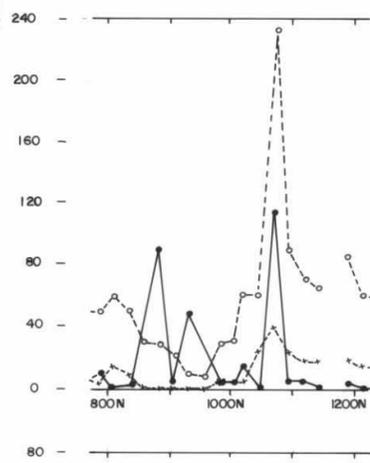
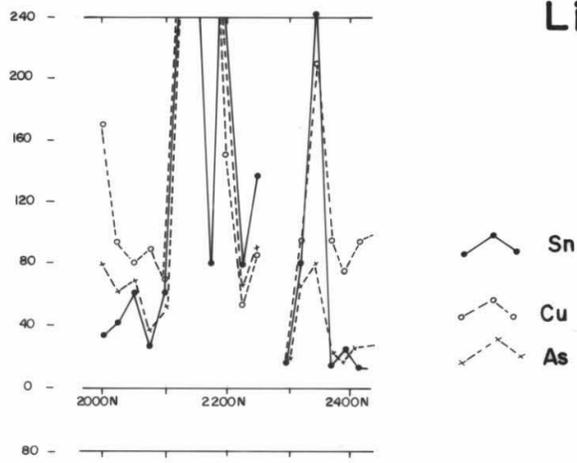
RENISON LIMITED	
<u>MT. LINDSAY AREA</u>	
GEOLOGIST : Teunis Kwak	SCALE · 1: METRES
DRAUGHTSMAN :	
DATE :	
REVISIONS :	DRAWING No.

03-4932

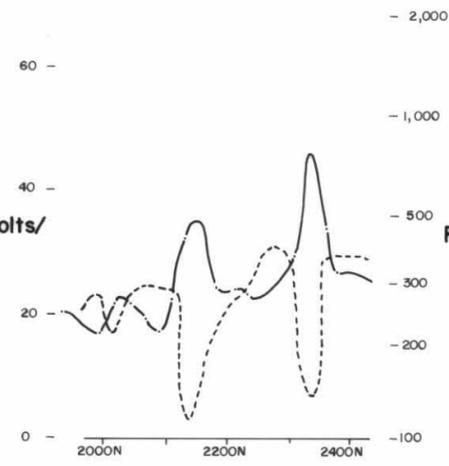
Line M.L. 12

Line M.L.13

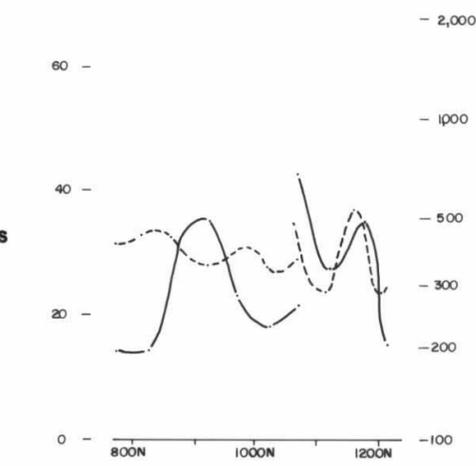
Geochemistry
(p.p.m.)



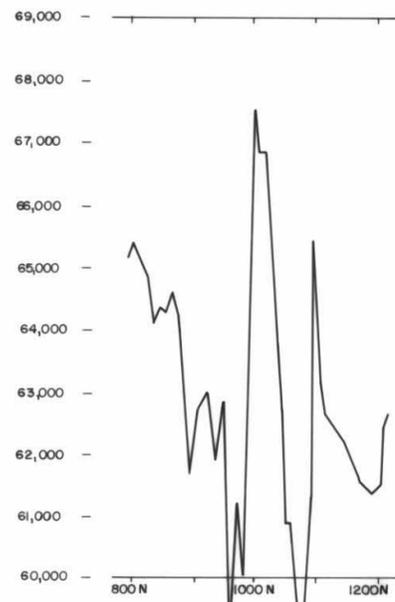
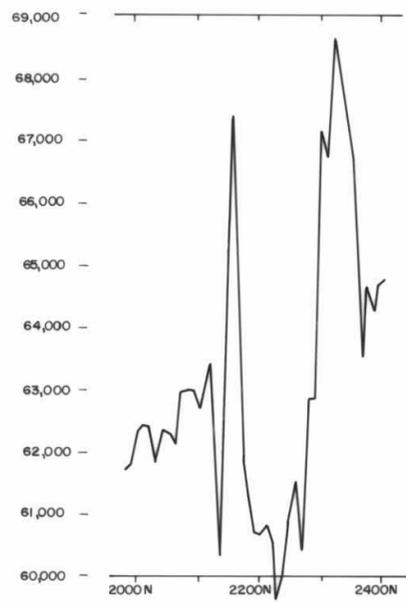
I.P. Data
Chargeability in Millivolts/
Volts (—)



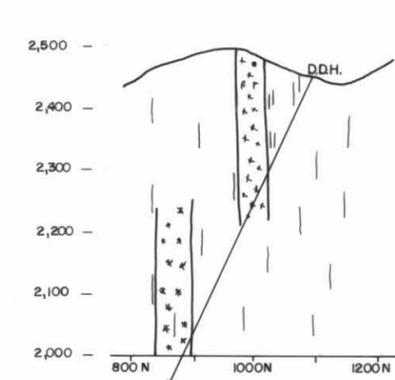
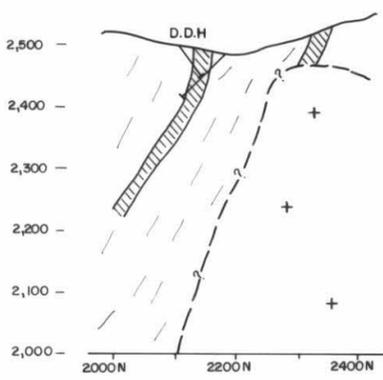
Resistivity in ohm - Metres
(- - - -)



Total
Magnetic Field
(γ)



Topography
& Geology
(Height in Metres)



SKARN HORIZONS-MT. LINDSAY MINE

TYPICAL ANOMALY-MT. LINDSAY GRID

LEGEND

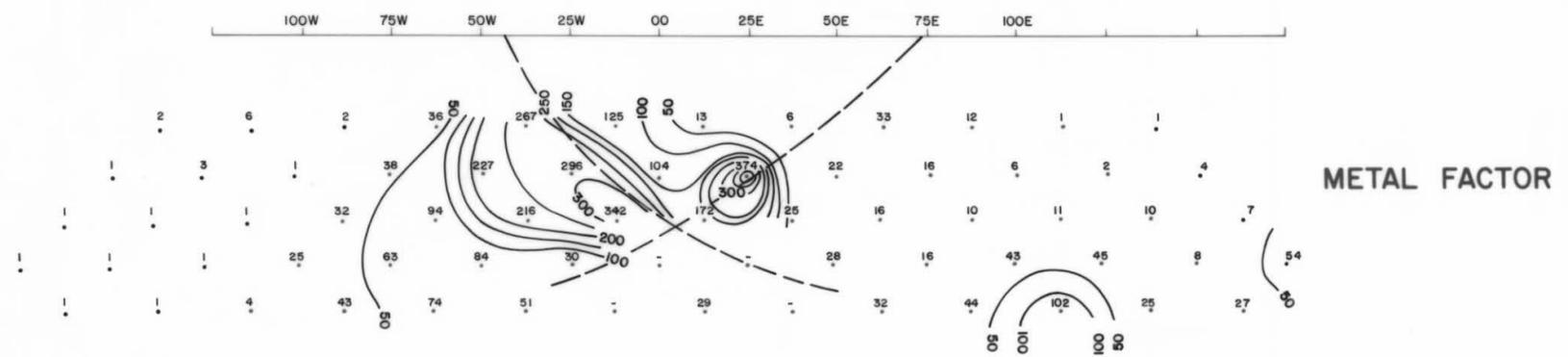
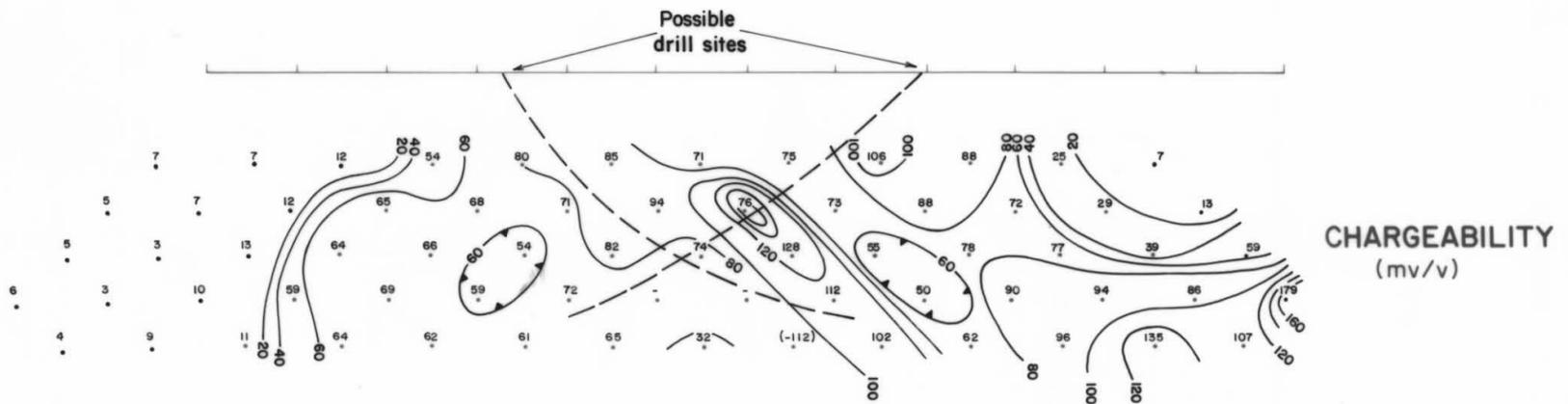
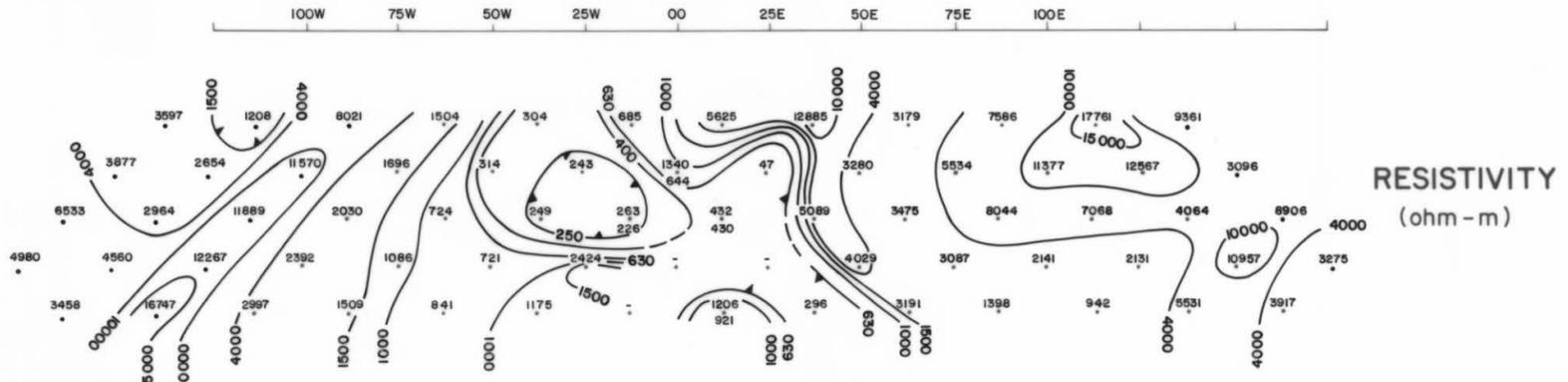
- Non-magnetic tuffaceous shales and sandstones.
- Skarn-carbonate
- Magnetic tuffaceous shales
- Devonian Granite

5 cm

MT. LINDSAY AREA
COMPOSITE PROFILES

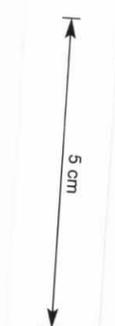
SCALE 1:10000	DRAWN P.R.	FIG. 5
DATE FEB., 1983	DRAFTSMAN SF.	

LINE: 5 (25E)



Ref. RM/MG82/07

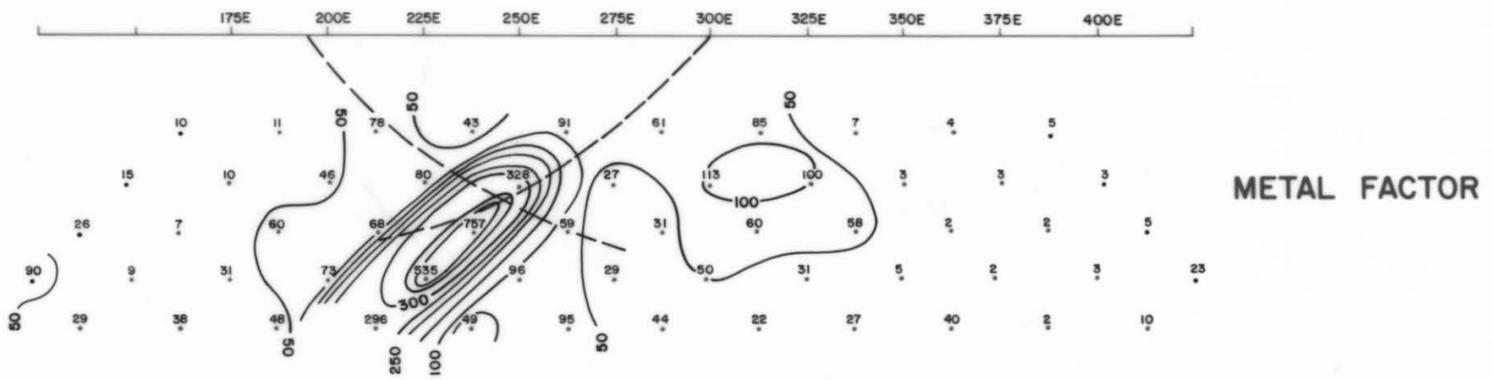
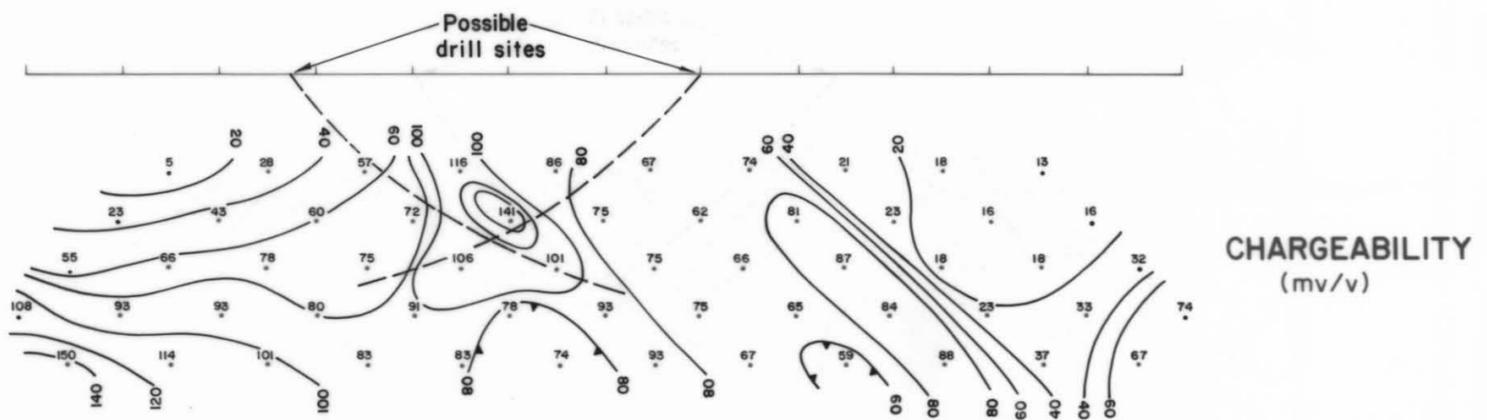
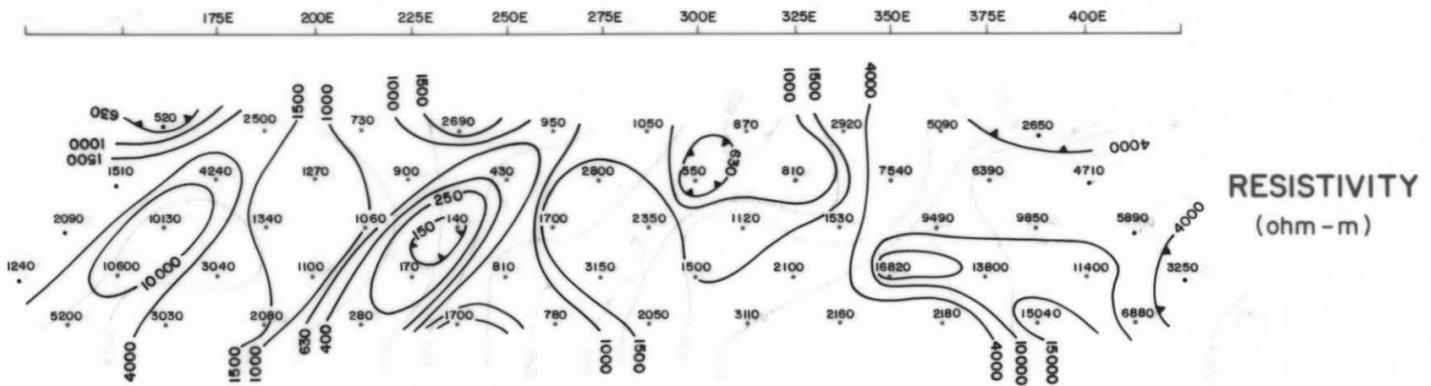
MITRE GEOPHYSICS PTY. LTD.
 PARSON'S HOOD
 LINE 5 (25E)
 dipole - dipole I.P.
 Drawn: J.B. Scale: 1:1667
 Traced: T.G.D.S. Date: JULY 1982
 FIG. 5



03-4932

Survey by: Scintrex
 dipole spacing: 25m
 I.P. receiver: IPR-8
 (2secs on 2secs off
 M₃₂ plotted)

LINE: 5 (250E)



5 cm

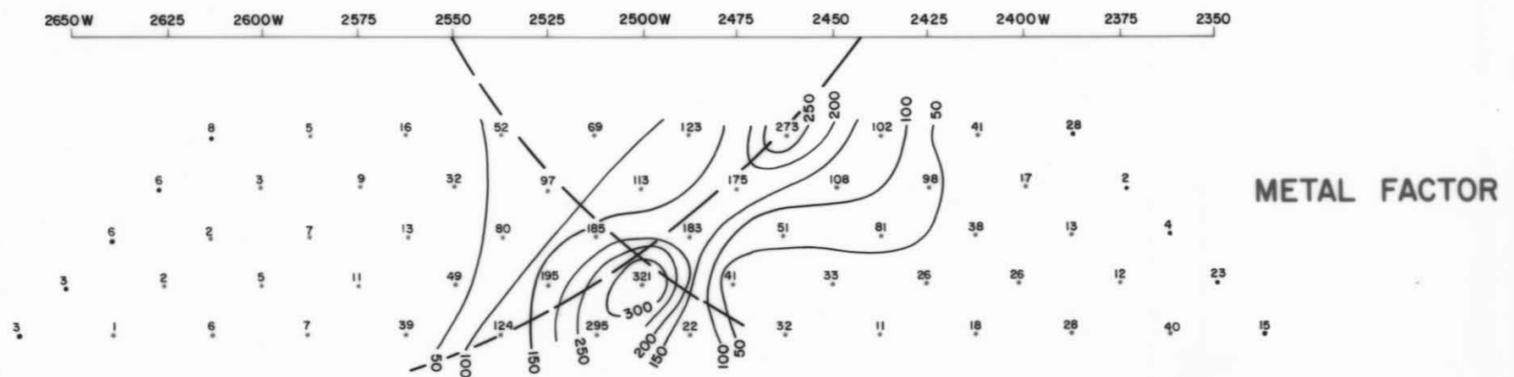
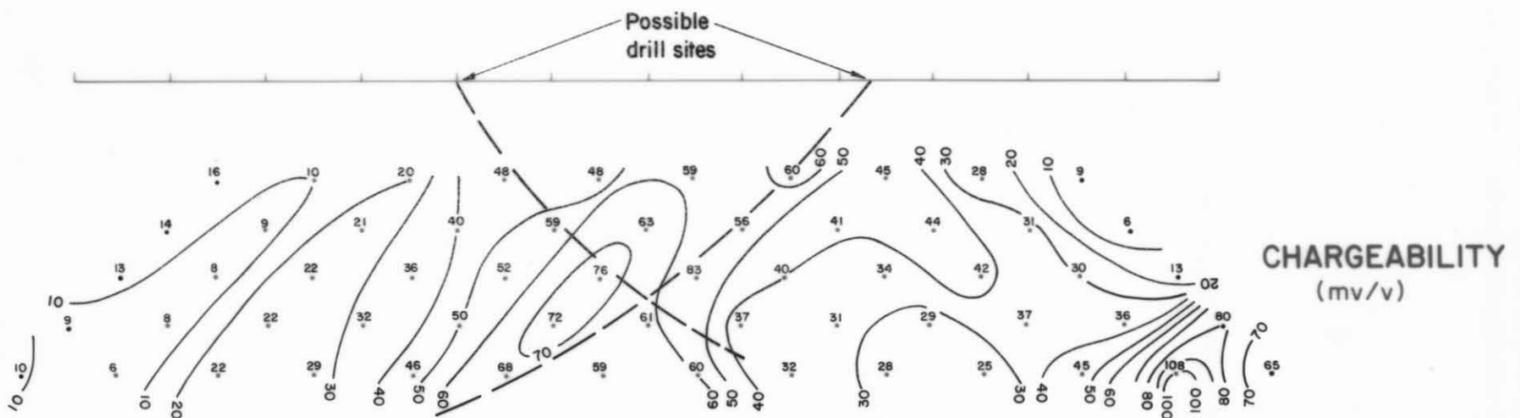
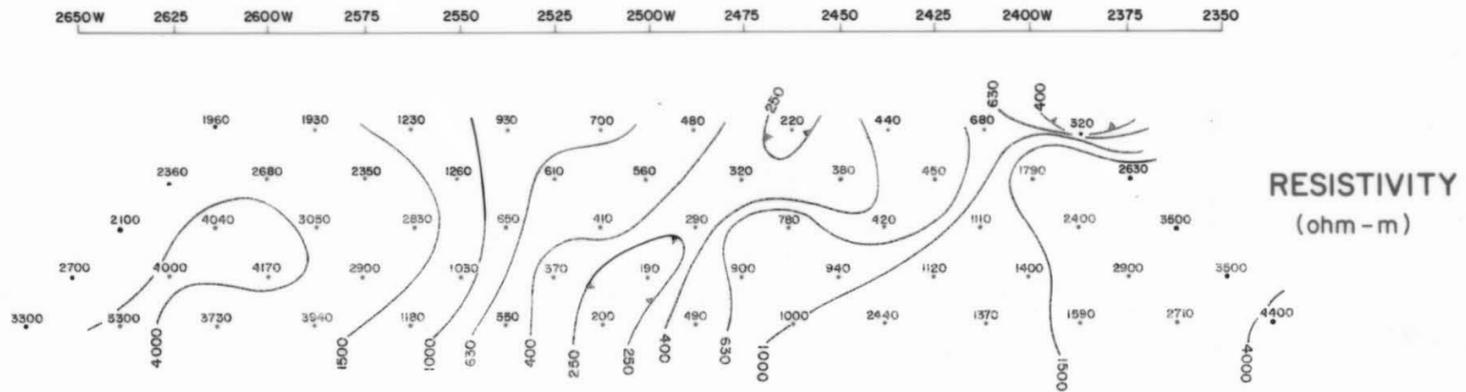
Ref. RN/M682/07

MITRE GEOPHYSICS PTY. LTD.
PARSON'S HOOD
LINE 5 (250E)
dipole - dipole I.P.
Drawn: J.B. Scale: 1:1657
Traced: T.G.D.S. Date: JULY 1982
FIG. 6

03-4432

Survey by: Scintrex
dipole spacing: 25m
I.P. receiver: IPR-8
(2secs on 2secs off
M₃₂plotted)

LINE: 6 (2500W)



5 cm

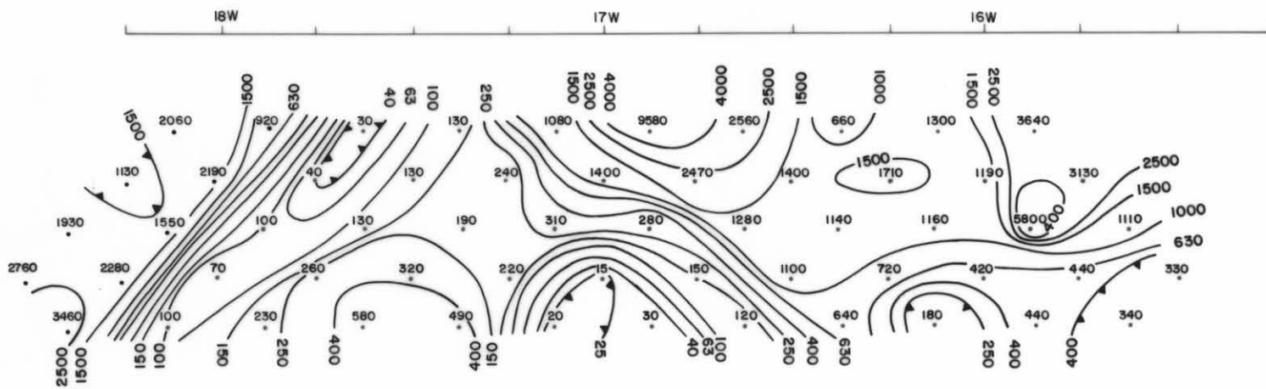
Ref: RN/MG82/07

MITRE GEOPHYSICS PTY. LTD.
PARSON'S HOOD
LINE 6 (2500W)
dipole - dipole I.P.
FIG. 7

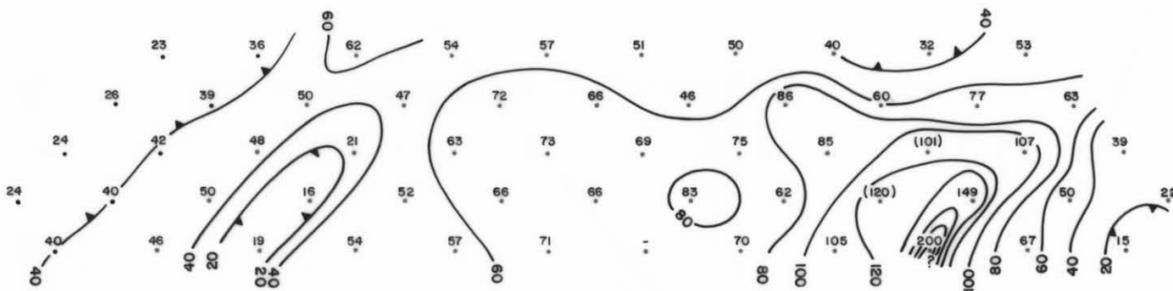
03-4932

Survey by: Scintrex
dipole spacing: 25m
I.P. receiver: IPR-8
(2secs on 2secs off
M₃₂plotted)

LINE: 12 (1600W)

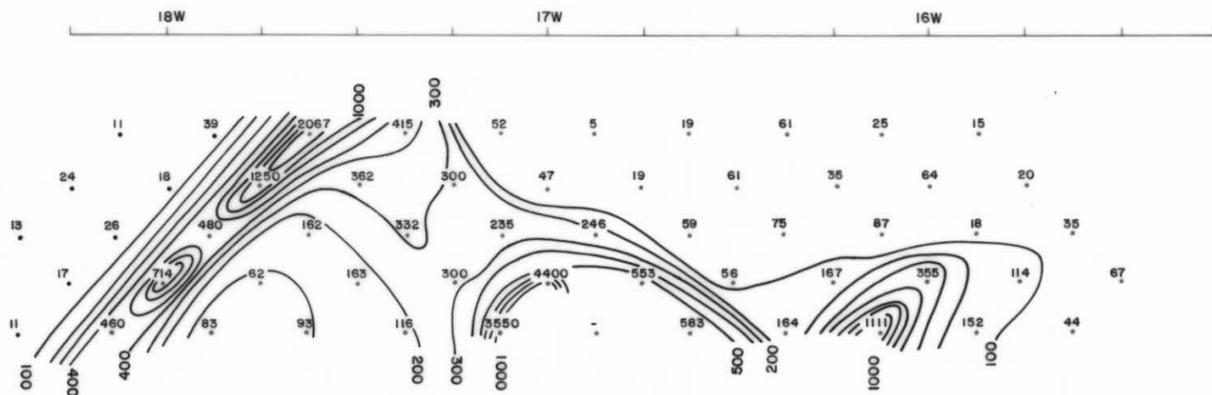


RESISTIVITY
(ohm-m)



CHARGEABILITY
(mv/v)

() MI READINGS



METAL FACTOR

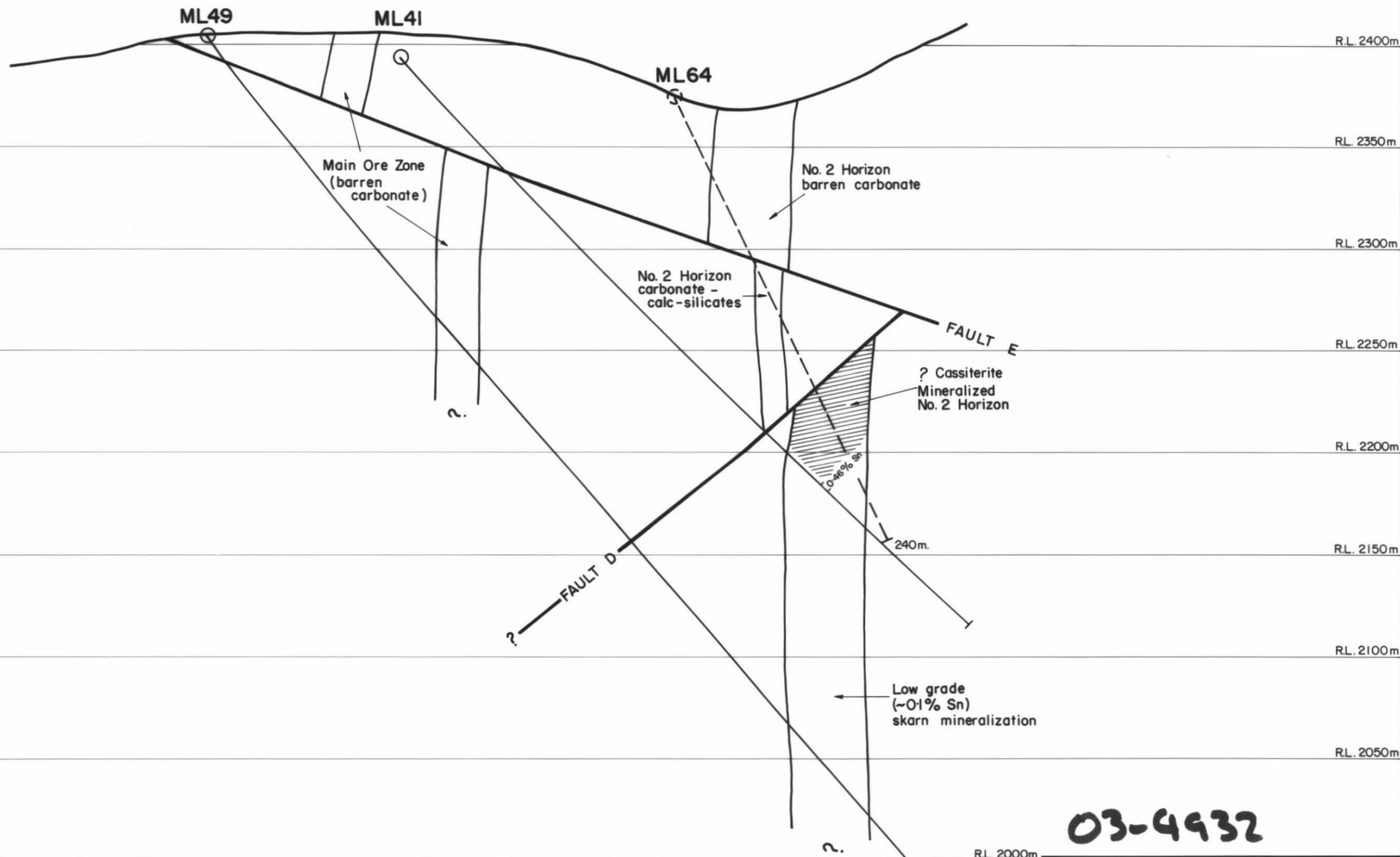
5 cm

Ref: RN/M982/07

03-4432

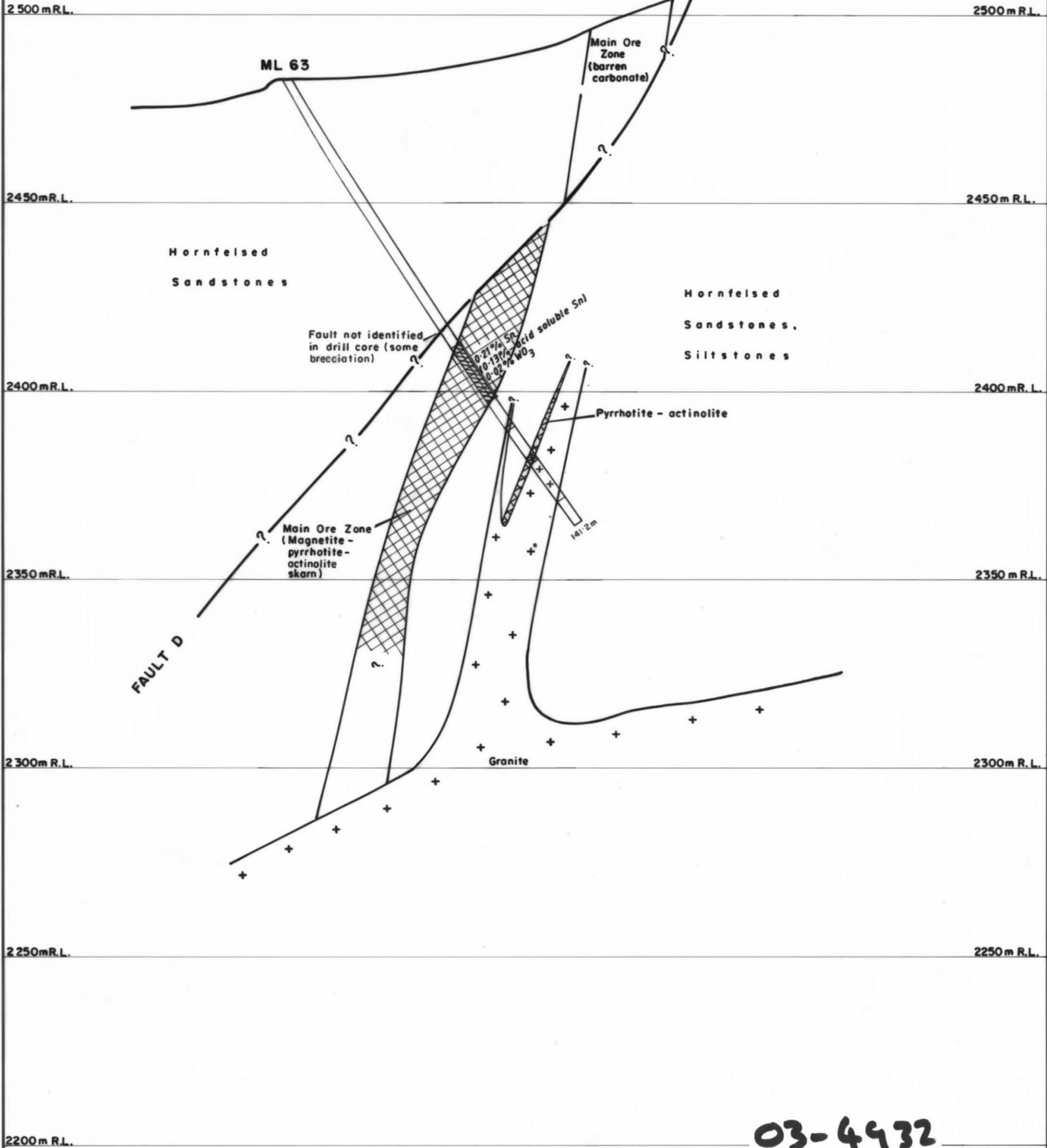
MITRE GEOPHYSICS PTY. LTD.
PARSON'S HOOD
LINE 12 (1600W)
dipole - dipole I.P.
Drawn: J.B. Scale: 1:1667
Traced: T.G.D.S. Date: JULY 1975
FIG. 9

Survey by: Scintrex
dipole spacing: 25m
I.P. receiver: IPR-8
(2secs on 2secs off
M₃₂ plotted)



03-4932

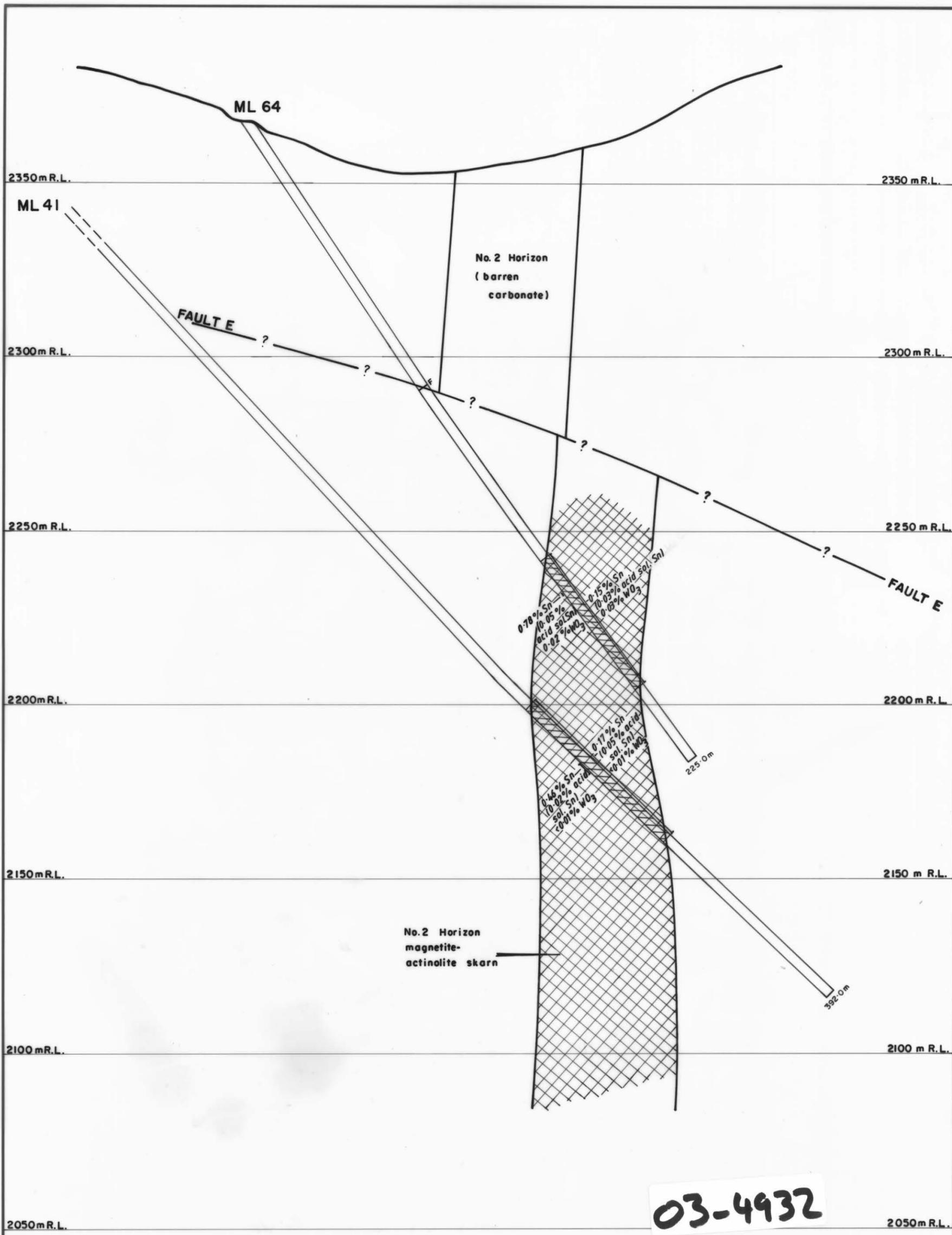
GOLD FIELDS EXPLORATION PTY. LIMITED	
MT. LINDSAY	
DRILL HOLE PROFILE	
PROPOSED HOLE ML64	
DRAWN BY : P.A.R.	FILE NO.
DRAFTSMAN: TG.D.S.	FIG. 8b.
DATE : Oct. '83	
REVISIONS :	
SCALE 1:2000	20 0 20 40 Metres



03-4932

5 cm

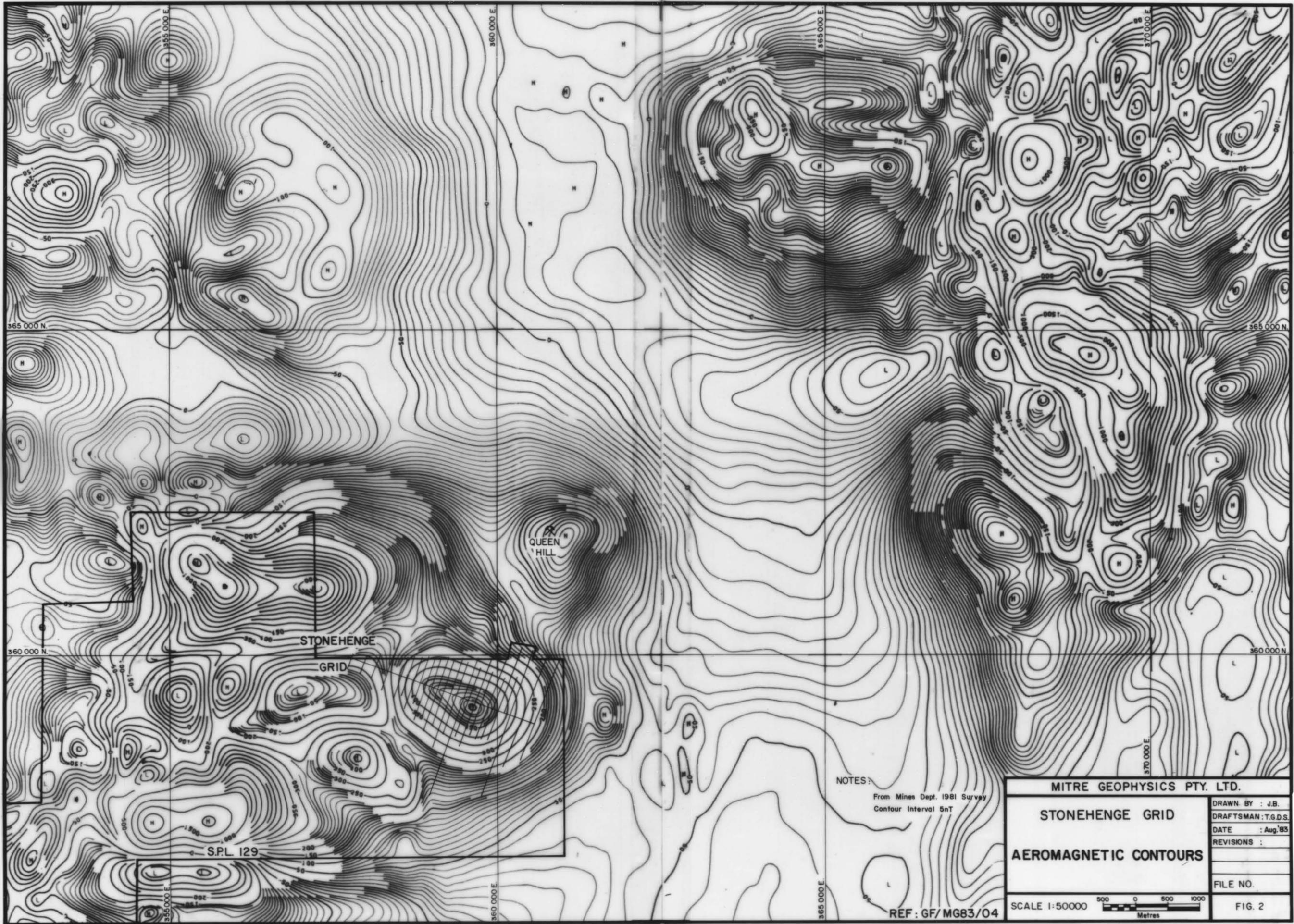
GOLD FIELDS EXPLORATION PTY LIMITED	
DRILL PROFILE ML 63	DRAWN BY R.A.R.
	DRAFTSMAN S.J.F.
SCALE 1:1000	DATE Aug., 1984
	REVISIONS
	FILE NO
	FIG 5



03-4932



GOLD FIELDS EXPLORATION PTY. LIMITED	
DRILL PROFILE ML 64	DRAWN BY : P.A.R.
	DRAFTSMAN: S.J.F.
	DATE Aug, 84
	REVISIONS :
SCALE 1:1000	FILE NO.
	FIG. 6



NOTES:
 From Mines Dept. 1981 Survey
 Contour Interval 5nT

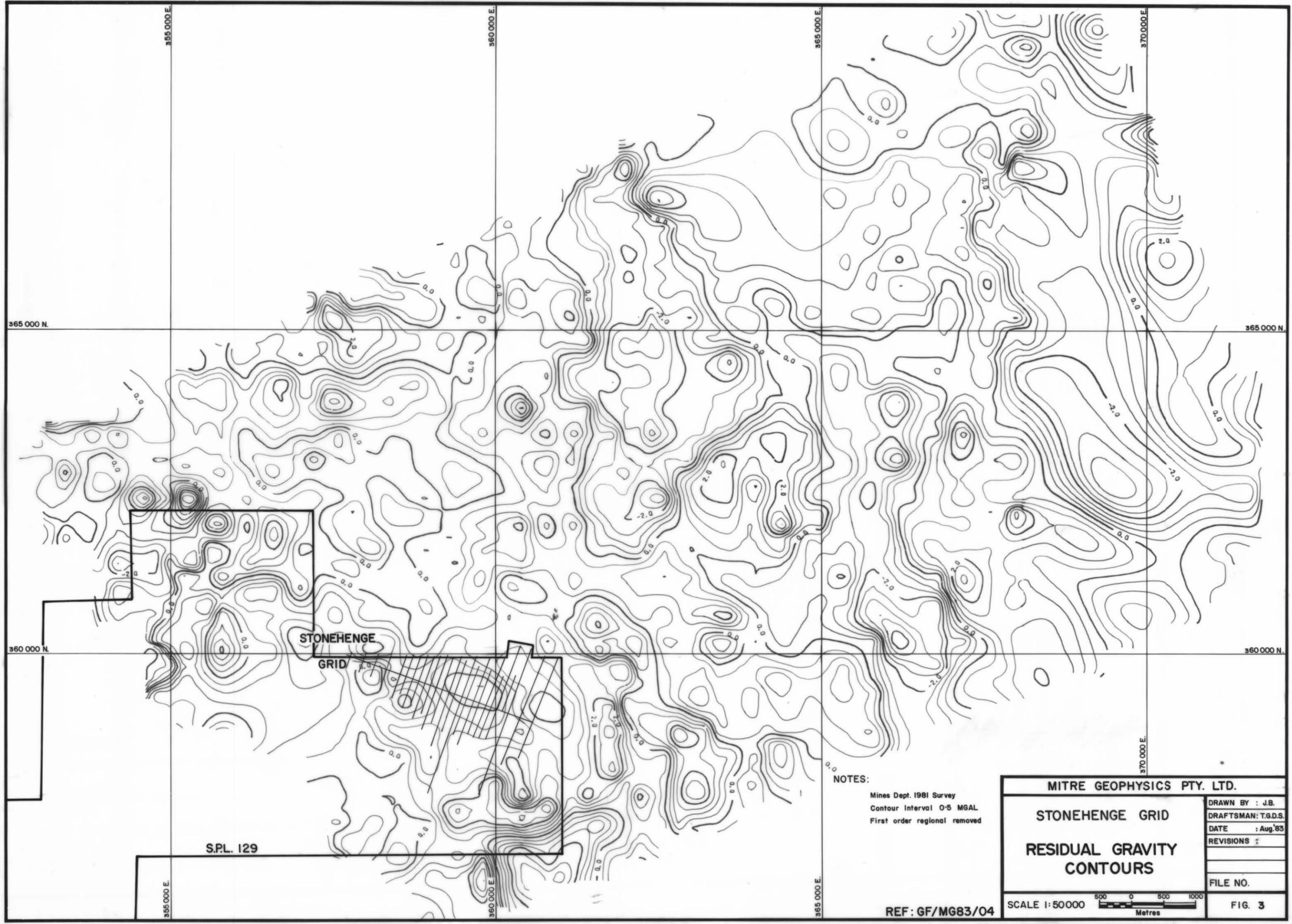
REF: GF/MG83/04

MITRE GEOPHYSICS PTY. LTD.	
STONEHENGE GRID	
AEROMAGNETIC CONTOURS	
DRAWN BY : J.B.	DRAFTSMAN : T.G.D.S.
DATE : Aug. 83	REVISIONS :
FILE NO.	FIG. 2

SCALE 1:50000
 500 0 500 1000
 Metres

5 cm

254-30



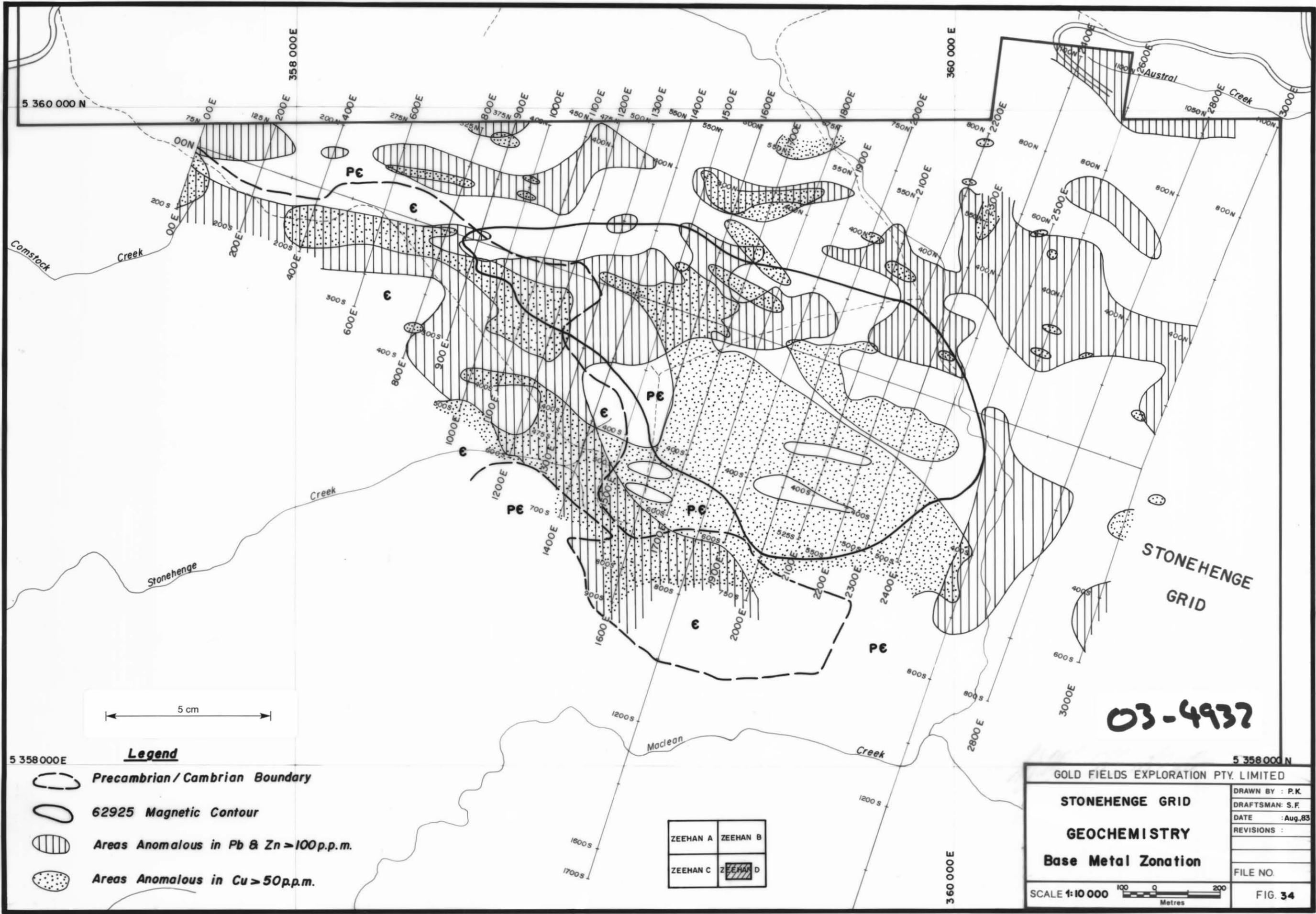
NOTES:
 Mines Dept. 1981 Survey
 Contour Interval 0.5 MGAL
 First order regional removed

MITRE GEOPHYSICS PTY. LTD.	
STONEHENGE GRID	
RESIDUAL GRAVITY CONTOURS	
DRAWN BY : J.B.	DRAFTSMAN: T.G.D.S.
DATE : Aug '83	
REVISIONS :	
FILE NO.	
SCALE 1:50000	
Metres	
FIG. 3	

REF: GF/MG83/04

5 cm

23-4932



03-4937

5 cm

Legend

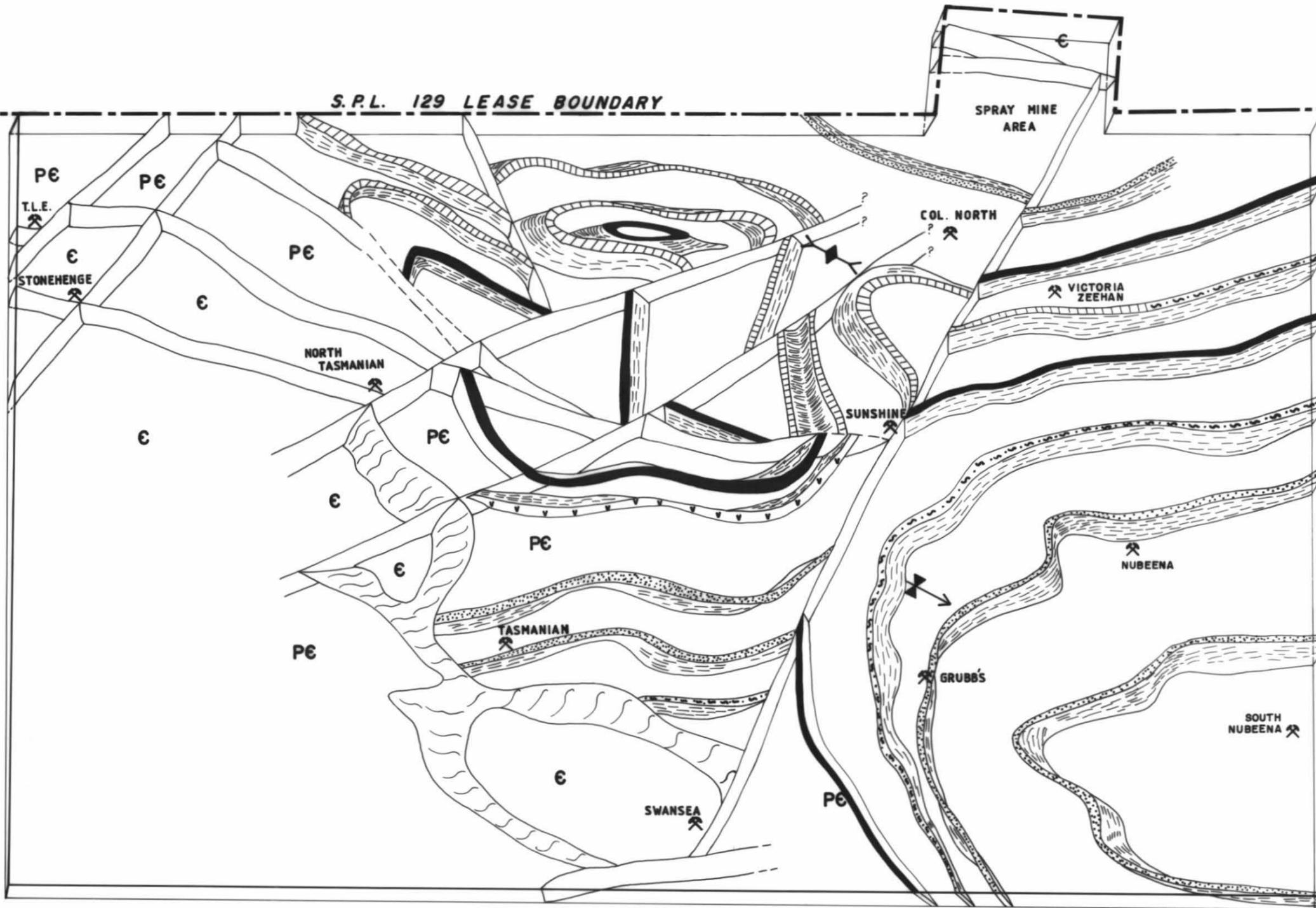
-  Precambrian/Cambrian Boundary
-  62925 Magnetic Contour
-  Areas Anomalous in Pb & Zn > 100 p.p.m.
-  Areas Anomalous in Cu > 50 p.p.m.

ZEEHAN A	ZEEHAN B
ZEEHAN C	ZEEHAN D

GOLD FIELDS EXPLORATION PTY. LIMITED	
STONEHENGE GRID	
GEOCHEMISTRY	
Base Metal Zonation	
SCALE 1:10 000	
FILE NO.	FIG. 34

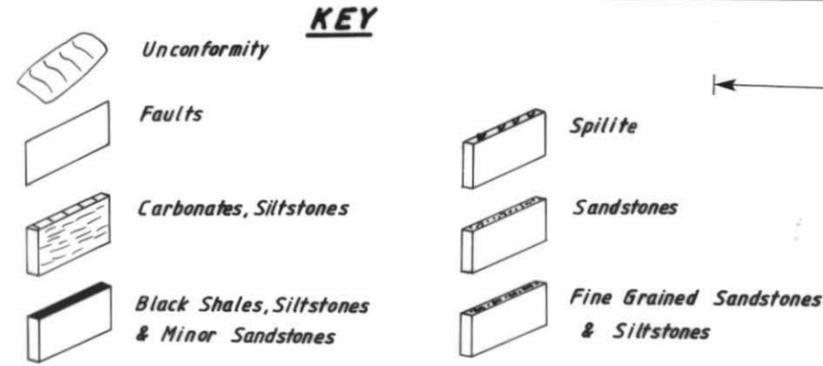
DRAWN BY : P.K.
 DRAFTSMAN: S.F.
 DATE : Aug,83
 REVISIONS :

S.P.L. 129 LEASE BOUNDARY



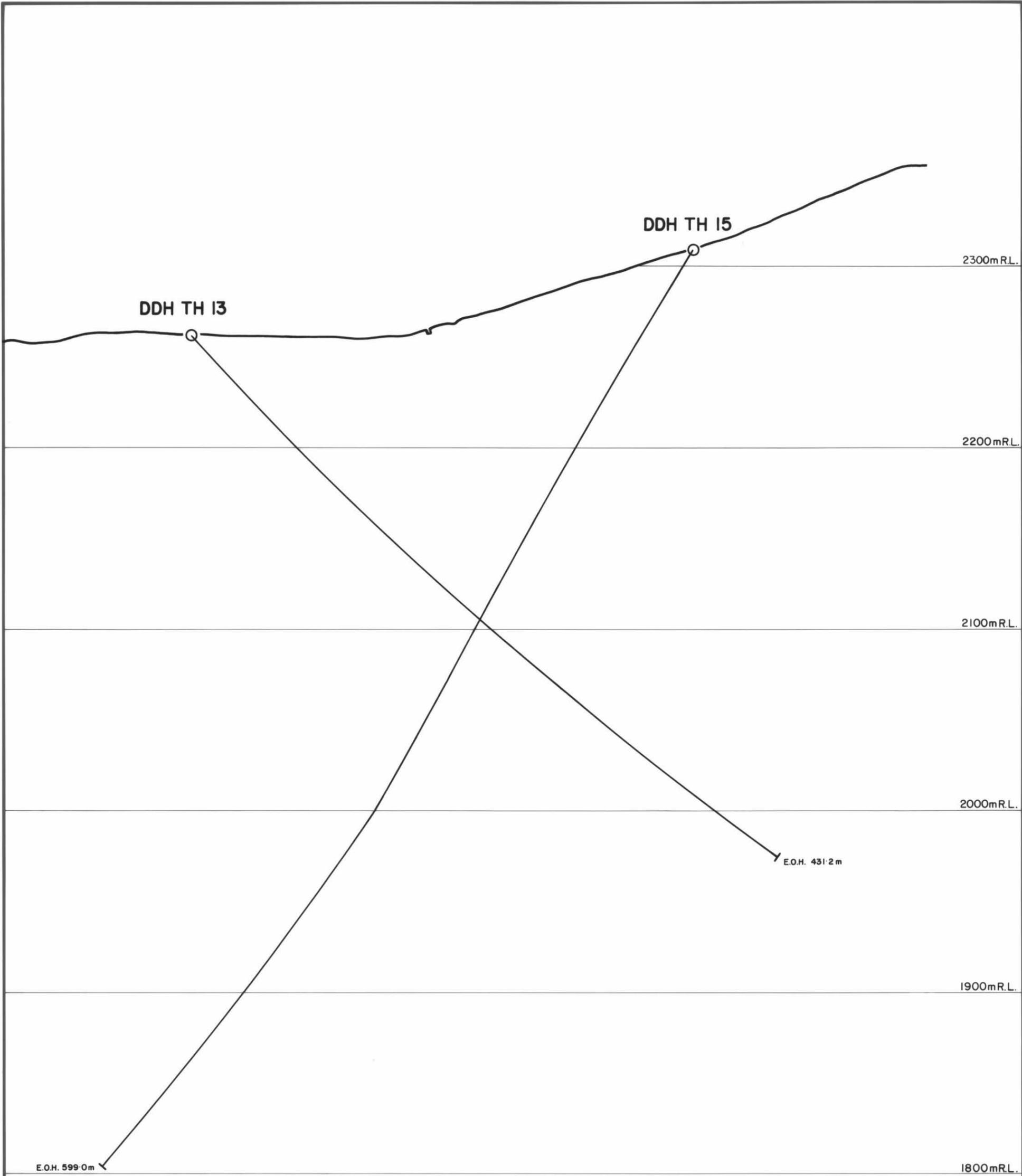
NOTE: STRUCTURE & STRATIGRAPHY IS CONCEPTUAL ONLY & DOES NOT IMPLY ANY PARTICULAR MARKER BEDS

03-4932



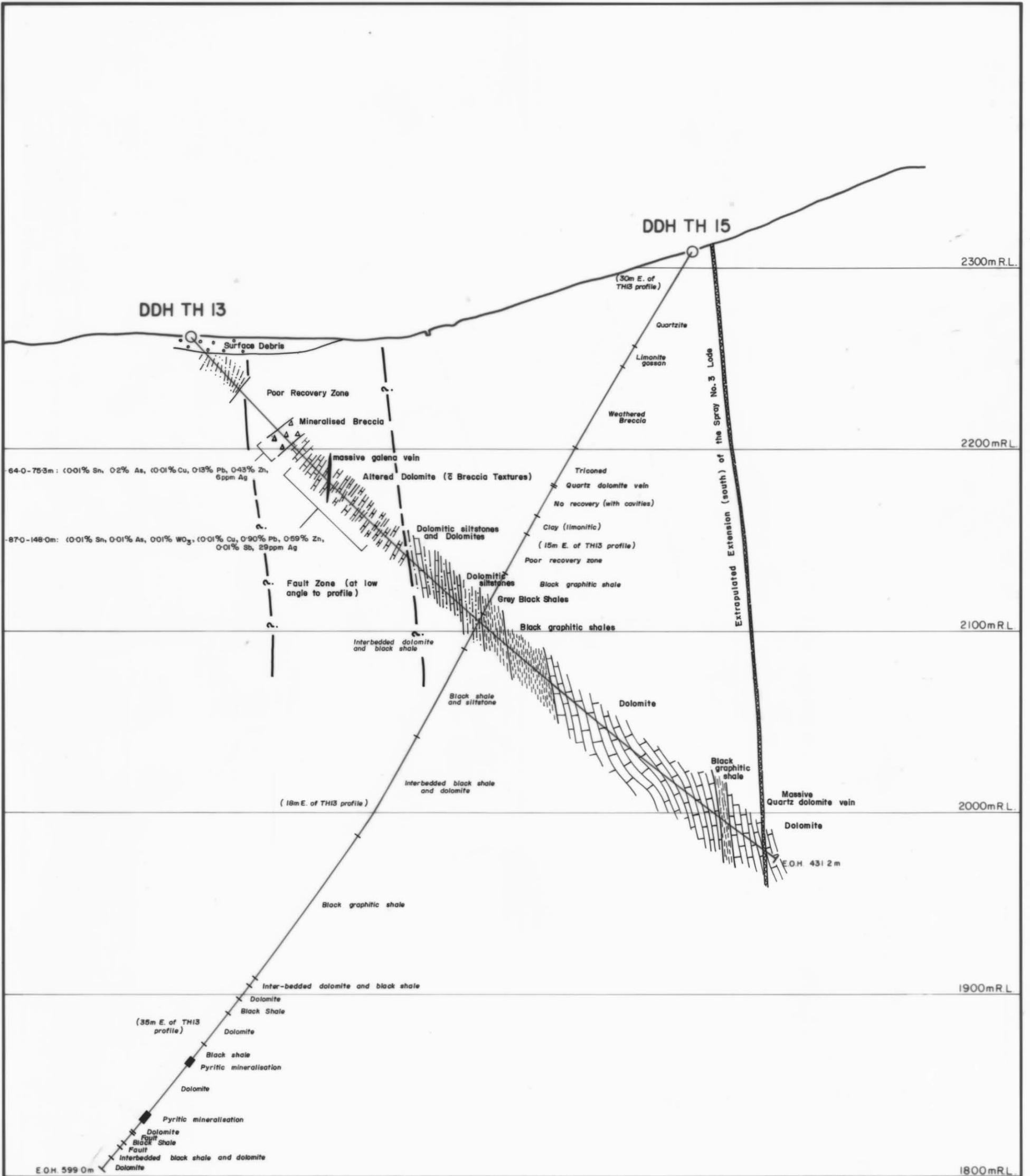
5 cm

GOLD FIELDS EXPLORATION PTY. LIMITED	
STONEHENGE	
INTERPRETATIVE GEOLOGY	
(VICINITY MAGNETIC ANOMALY)	
DRAWN BY : P.K.	REVISIONS :
DRAFTSMAN: S.F.	FILE NO.
DATE : Nov'84	FIG. 3
SCALE 1: 10000	100 0 200 Metres



5 cm

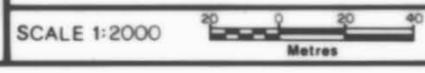
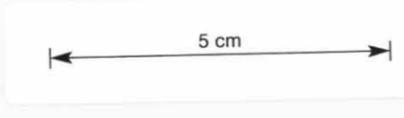
GOLD FIELDS EXPLORATION PTY. LIMITED	
<p style="font-size: 2em; font-weight: bold;">03-4932</p>	DRAWN BY : P.K.
	DRAFTSMAN: T.G.D.S.
	DATE :
	REVISIONS :
SCALE 1:2000	FILE NO.
<p>Metres</p>	FIG.

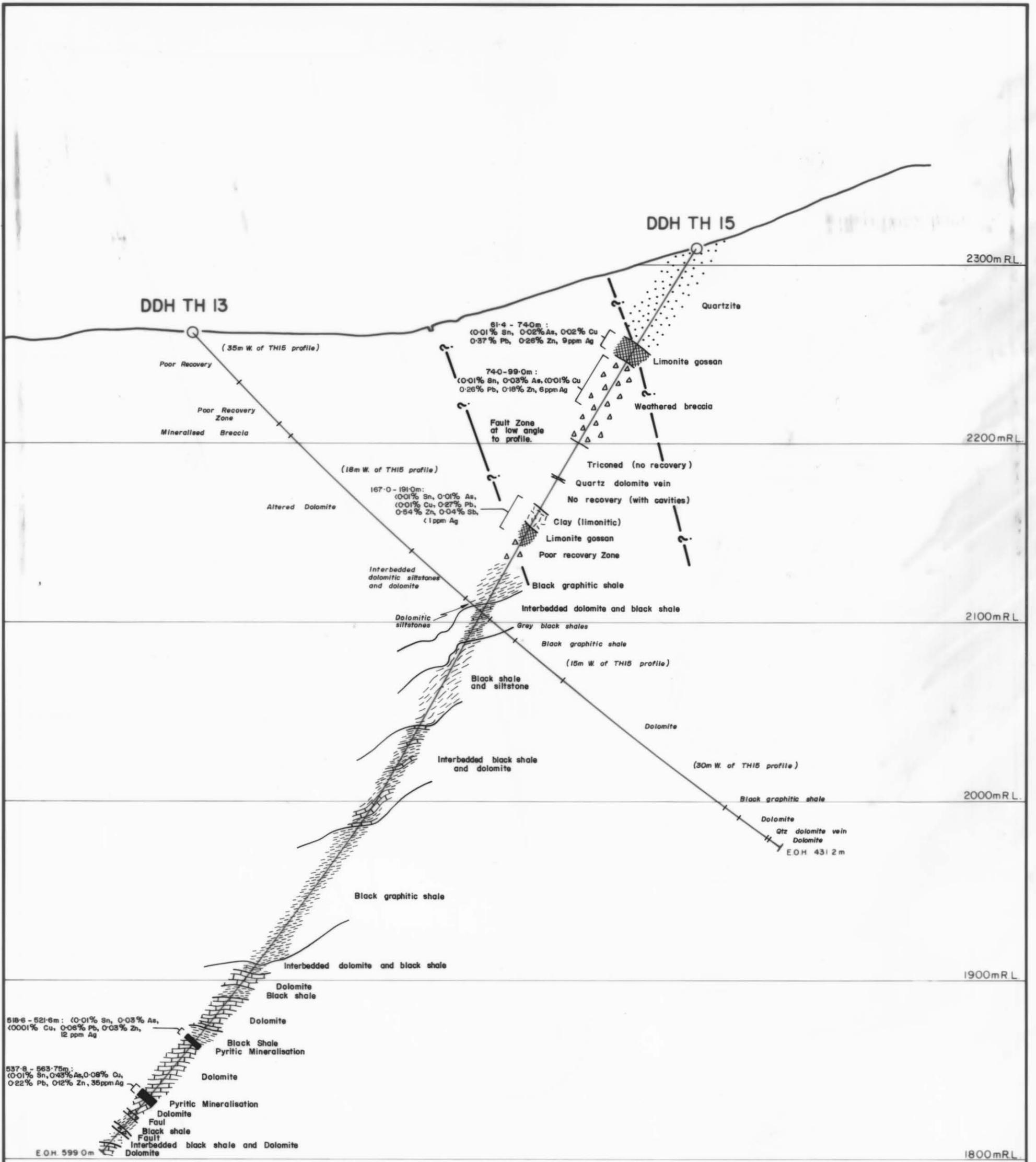


03-4932

Note: TH15 at least 15m E. of this section.

GOLD FIELDS EXPLORATION PTY. LIMITED	
Down Dip Profile	
DDH TH 13	
DRAWN BY : PK	DRAFTSMAN: T.G.D.S.
DATE : Oct. 84	REVISIONS :
FILE NO.	FIG. 25



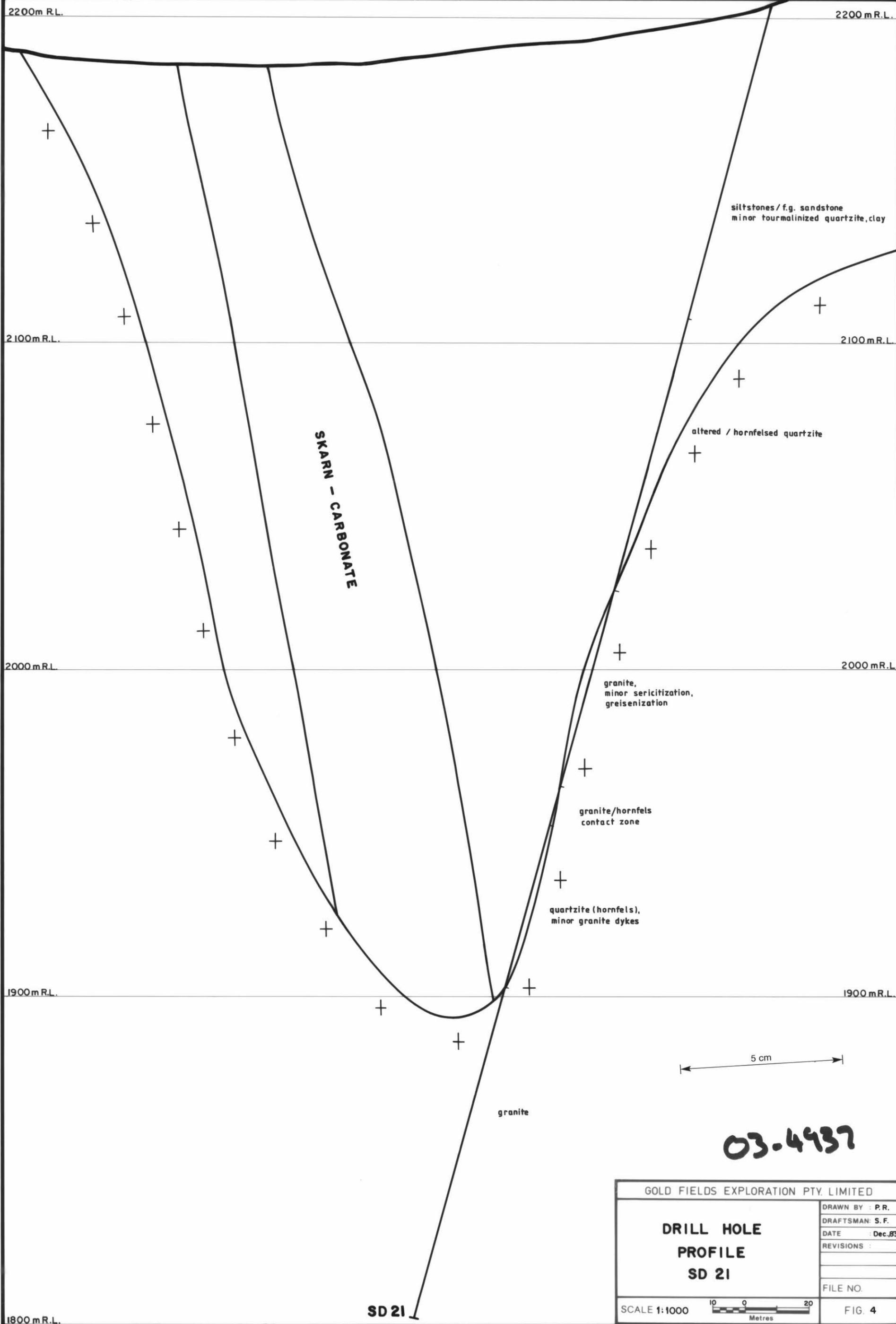


03-4932

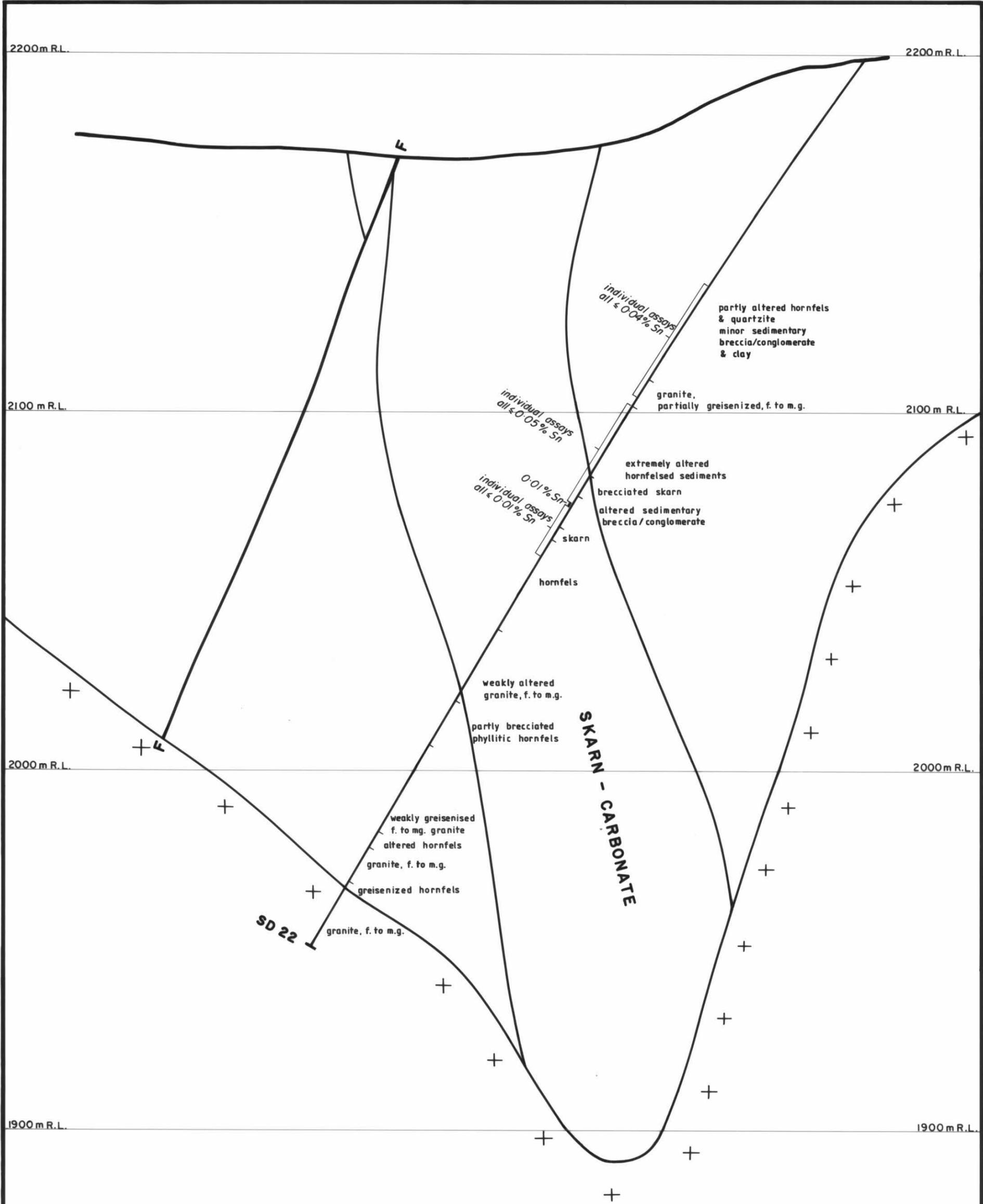
Note: TH13 at least 15m W. of this section.

GOLD FIELDS EXPLORATION PTY. LIMITED	
Down Dip Profile	
DDH TH 15	
DRAWN BY : PK	DATE : Oct '84
DRAFTSMAN: TGDS	
REVISIONS :	
FILE NO	
SCALE 1:2000	
FIG. 26	





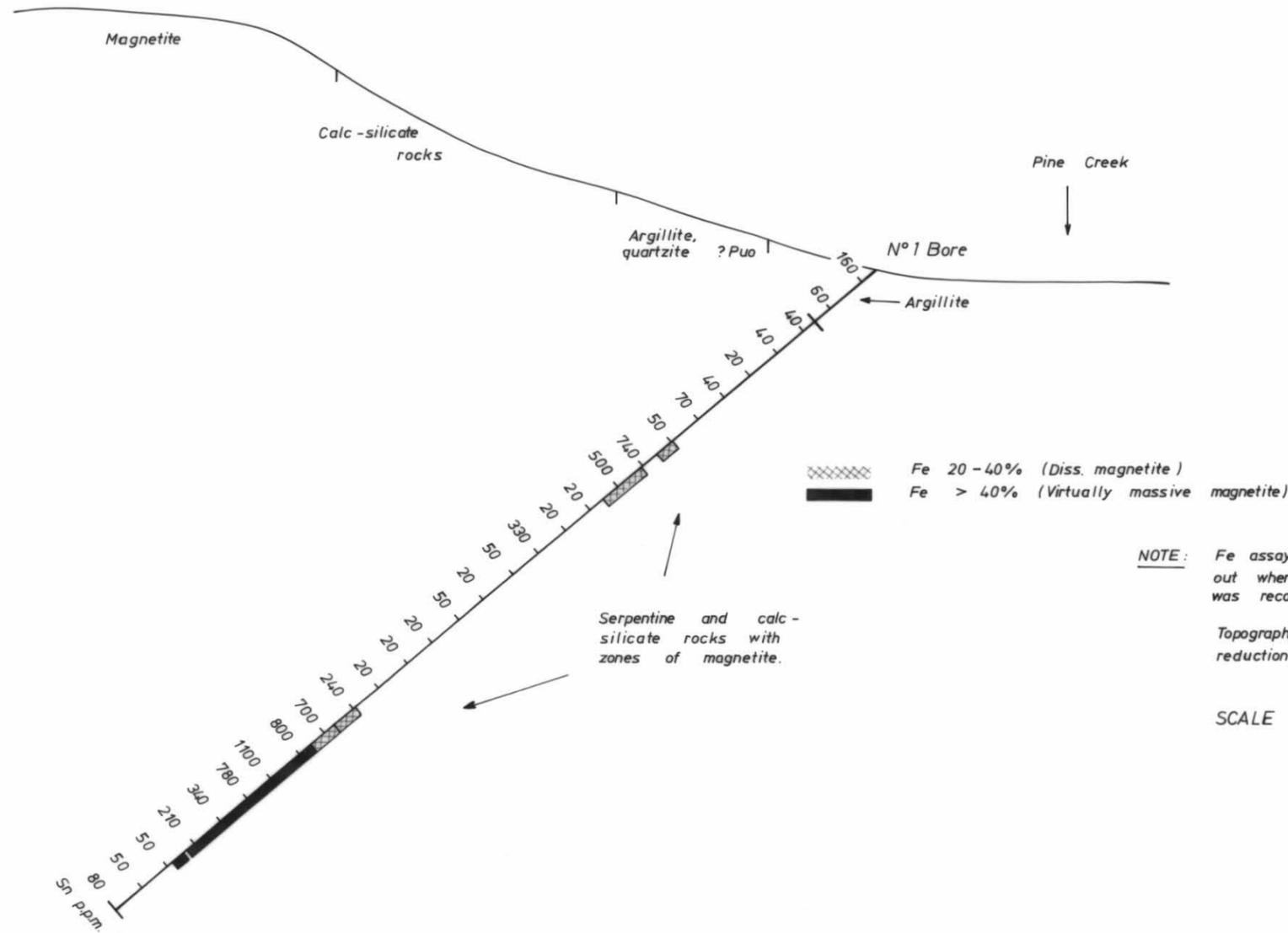
GOLD FIELDS EXPLORATION PTY. LIMITED	
DRILL HOLE PROFILE SD 21	DRAWN BY : P.R.
	DRAFTSMAN: S.F.
	DATE : Dec. 83
	REVISIONS :
	FILE NO.
SCALE 1:1000	
	FIG. 4



03-4932

GOLD FIELDS EXPLORATION PTY. LIMITED	
DRILL HOLE PROFILE SD 22	DRAWN BY : P. R.
	DRAFTSMAN: S. F.
	DATE : Dec., 83
	REVISIONS :
	FILE NO.
SCALE 1:1000	
	FIG. 5

5 cm



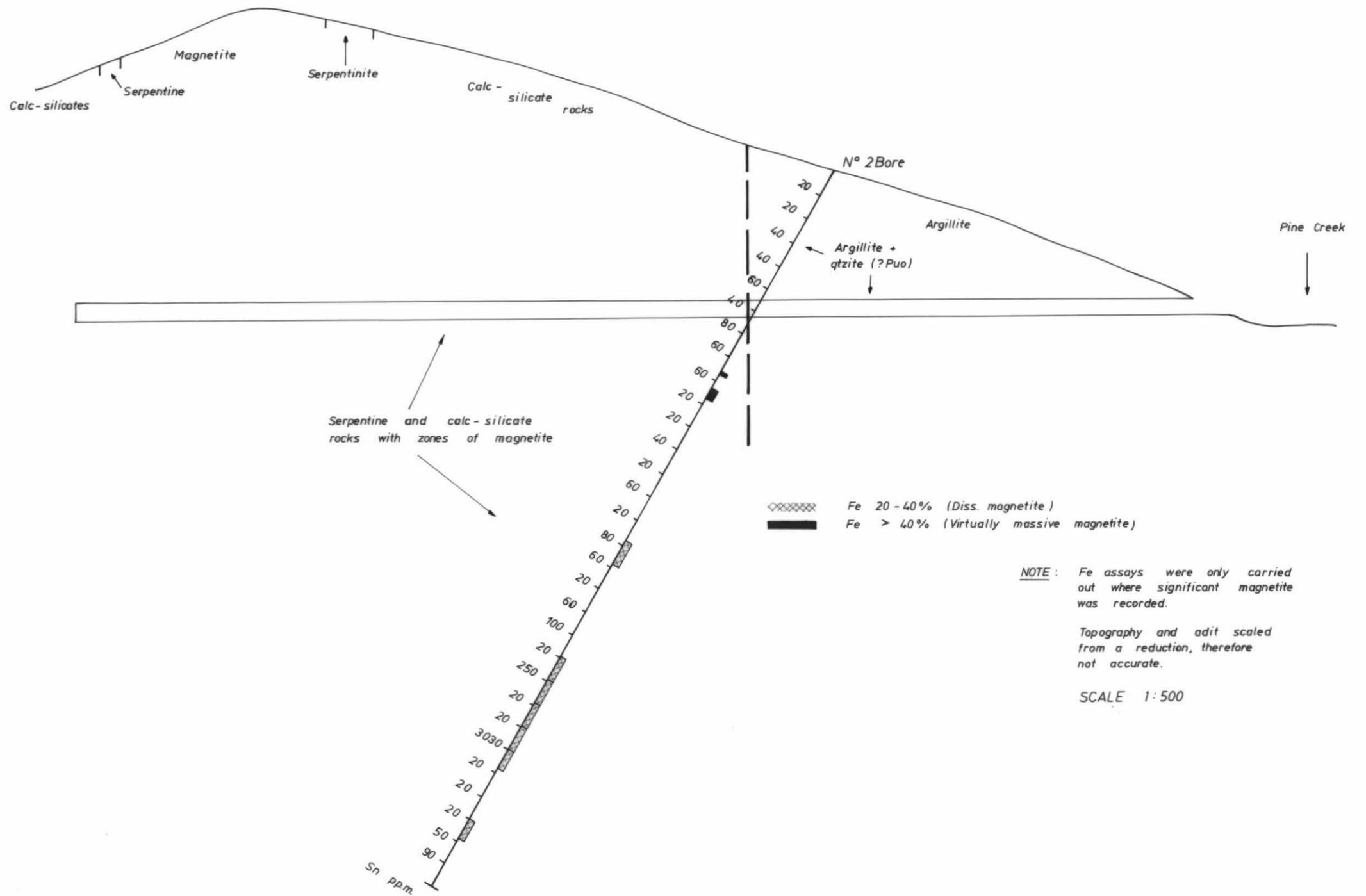
03-4932

TENTH LEGION MINE
SECTION LOOKING WEST
THROUGH N° 1 BORE

AFTER HUGHES 1958

5 cm

T.H. 401

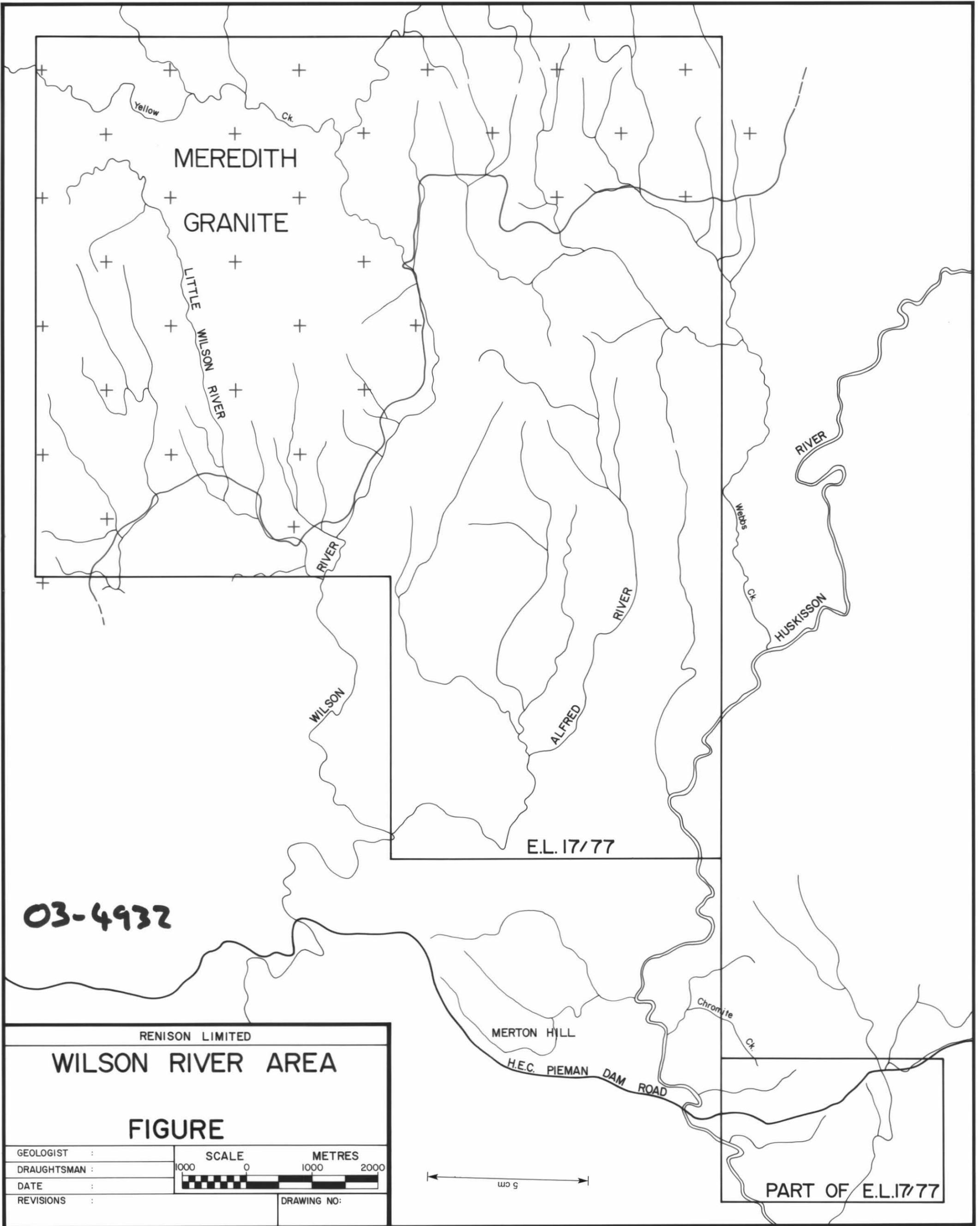


03-4932

TENTH LEGION MINE
SECTION LOOKING WEST THROUGH
N°1 ADIT, N°2 BORE
AFTER HUGHES 1958

5 cm

T.H.402

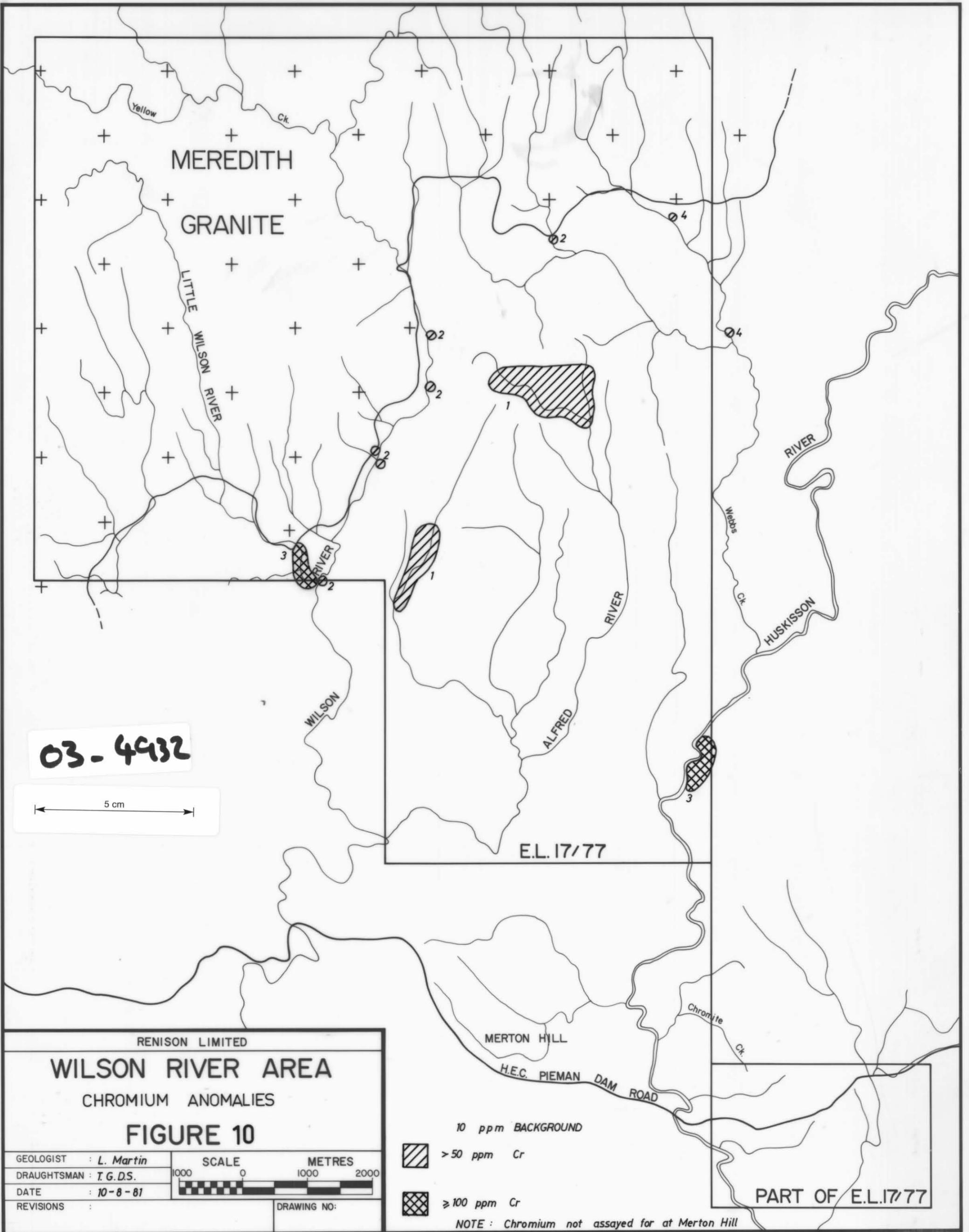


03-4932

RENISON LIMITED	
WILSON RIVER AREA	
FIGURE	
GEOLOGIST :	SCALE METRES
DRAUGHTSMAN :	1000 0 1000 2000
DATE :	
REVISIONS :	DRAWING NO:



PART OF E.L.17/77



03-4932

5 cm

RENISON LIMITED
WILSON RIVER AREA
 CHROMIUM ANOMALIES
FIGURE 10

GEOLOGIST : L. Martin	SCALE 1000 0 1000 2000 METRES
DRAUGHTSMAN : T.G.D.S.	
DATE : 10-8-81	DRAWING NO:
REVISIONS :	

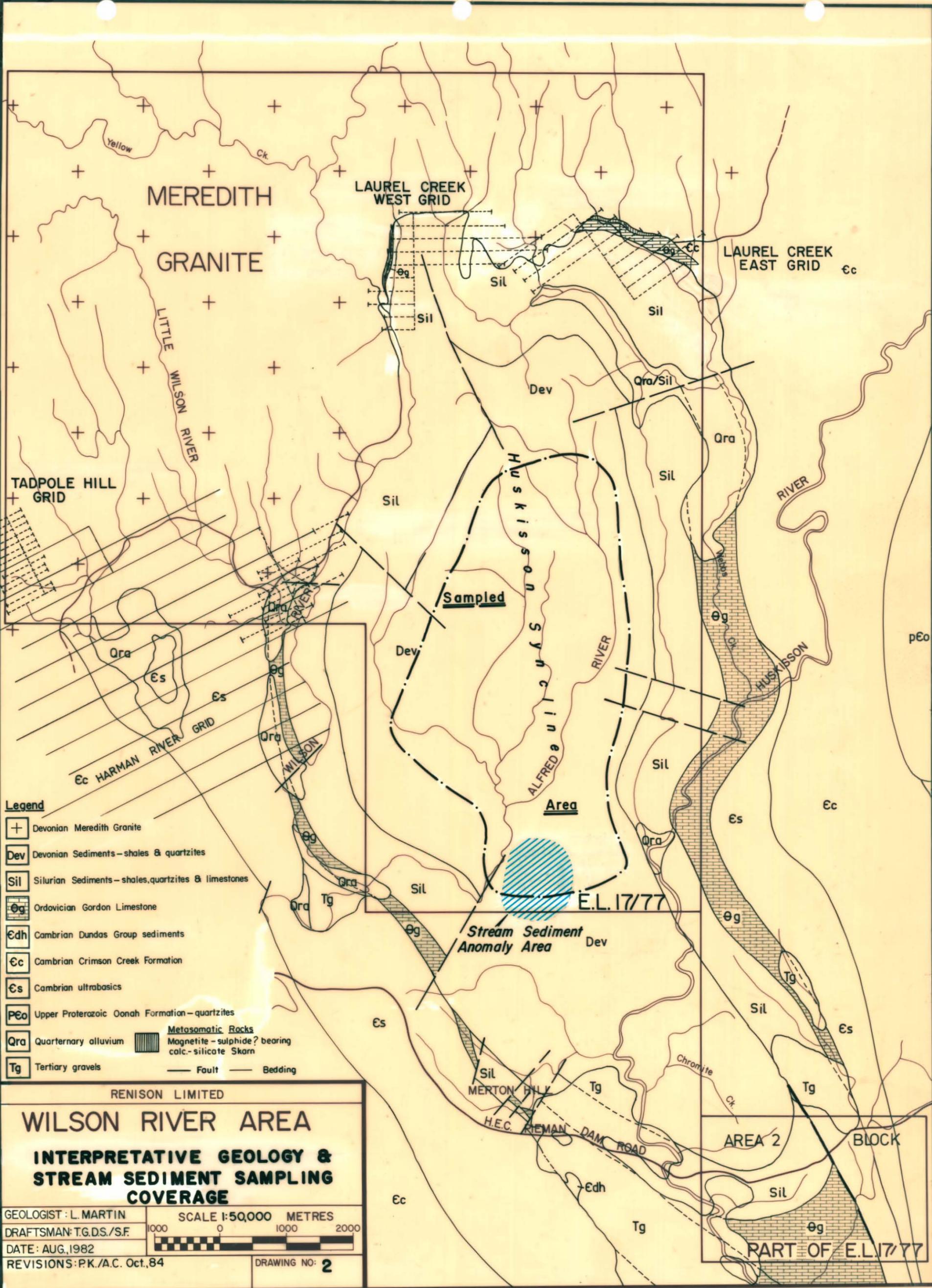
10 ppm BACKGROUND
 > 50 ppm Cr
 ≥ 100 ppm Cr

NOTE: Chromium not assayed for at Merton Hill

PART OF E.L.17/77



03-4932



- Legend**
- + Devonian Meredith Granite
 - Dev Devonian Sediments—shales & quartzites
 - Sil Silurian Sediments—shales, quartzites & limestones
 - θg Ordovician Gordon Limestone
 - Edh Cambrian Dundas Group sediments
 - Ec Cambrian Crimson Creek Formation
 - Es Cambrian ultrabasics
 - PEo Upper Proterozoic Oonah Formation—quartzites
 - Qra Quaternary alluvium
 - Tg Tertiary gravels
- Metasomatic Rocks**
- Magnetite - sulphide? bearing calc.-silicate Skarn
- Fault — Bedding

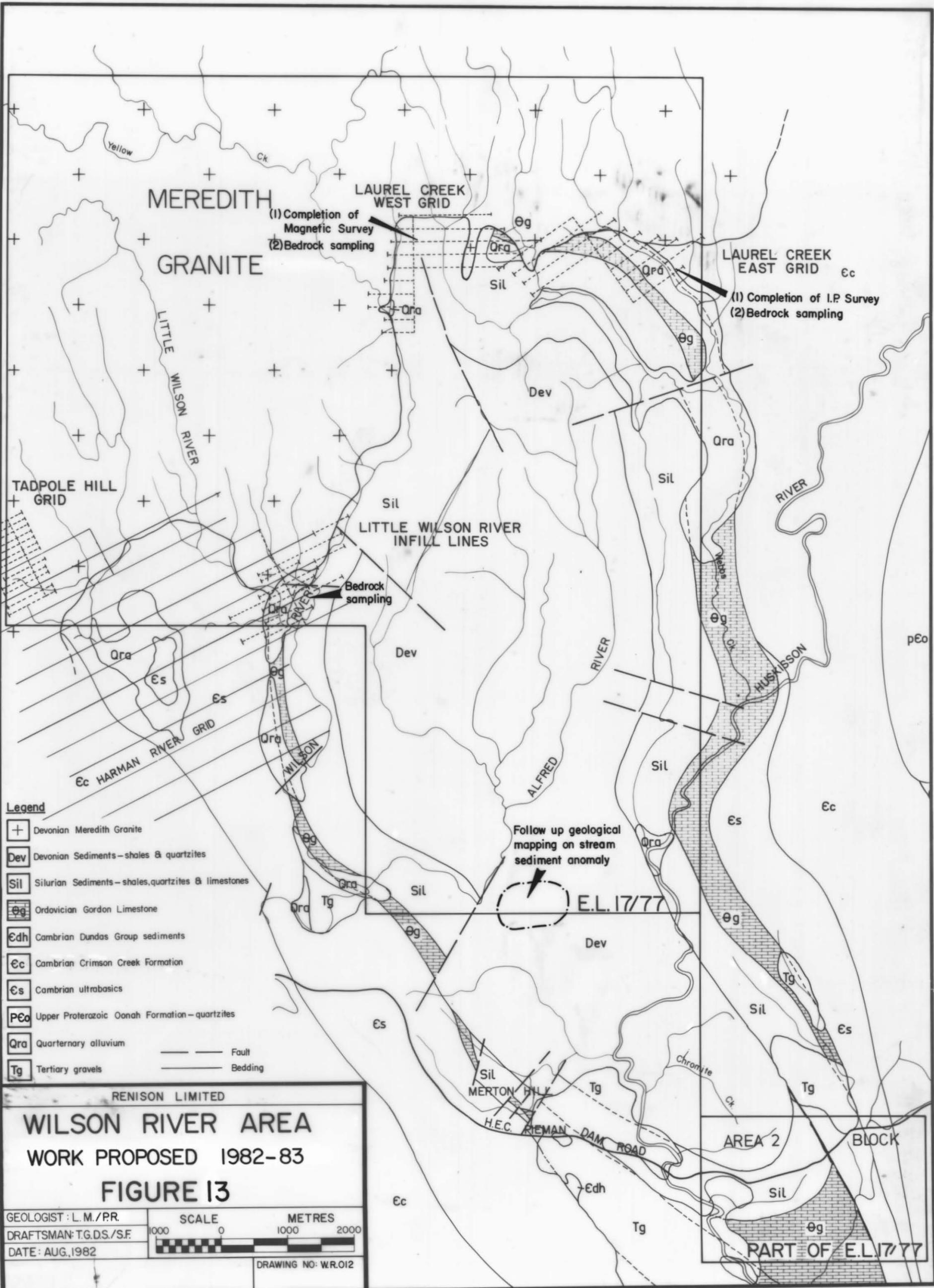
RENISON LIMITED

WILSON RIVER AREA

INTERPRETATIVE GEOLOGY & STREAM SEDIMENT SAMPLING COVERAGE

GEOLOGIST: L. MARTIN	SCALE 1:50,000 METRES
DRAFTSMAN: T.G.D.S./S.F.	1000 0 1000 2000
DATE: AUG, 1982	
REVISIONS: P.K./A.C. Oct., 84	DRAWING NO: 2

AREA 2
BLOCK
PART OF E.L.17/77



Legend

- + Devonian Meredith Granite
 - Dev Devonian Sediments—shales & quartzites
 - Sil Silurian Sediments—shales, quartzites & limestones
 - θg Ordovician Gordon Limestone
 - Edh Cambrian Dundas Group sediments
 - Ec Cambrian Crimson Creek Formation
 - Es Cambrian ultrabasics
 - PCo Upper Proterozoic Oonah Formation—quartzites
 - Qra Quarternary alluvium
 - Tg Tertiary gravels
- Fault
 Bedding

RENISON LIMITED

WILSON RIVER AREA
WORK PROPOSED 1982-83
FIGURE 13

GEOLOGIST: L.M./P.R.
 DRAFTSMAN: T.G.D.S./S.F.
 DATE: AUG., 1982

SCALE METRES
 1000 0 1000 2000

DRAWING NO: W.R.012

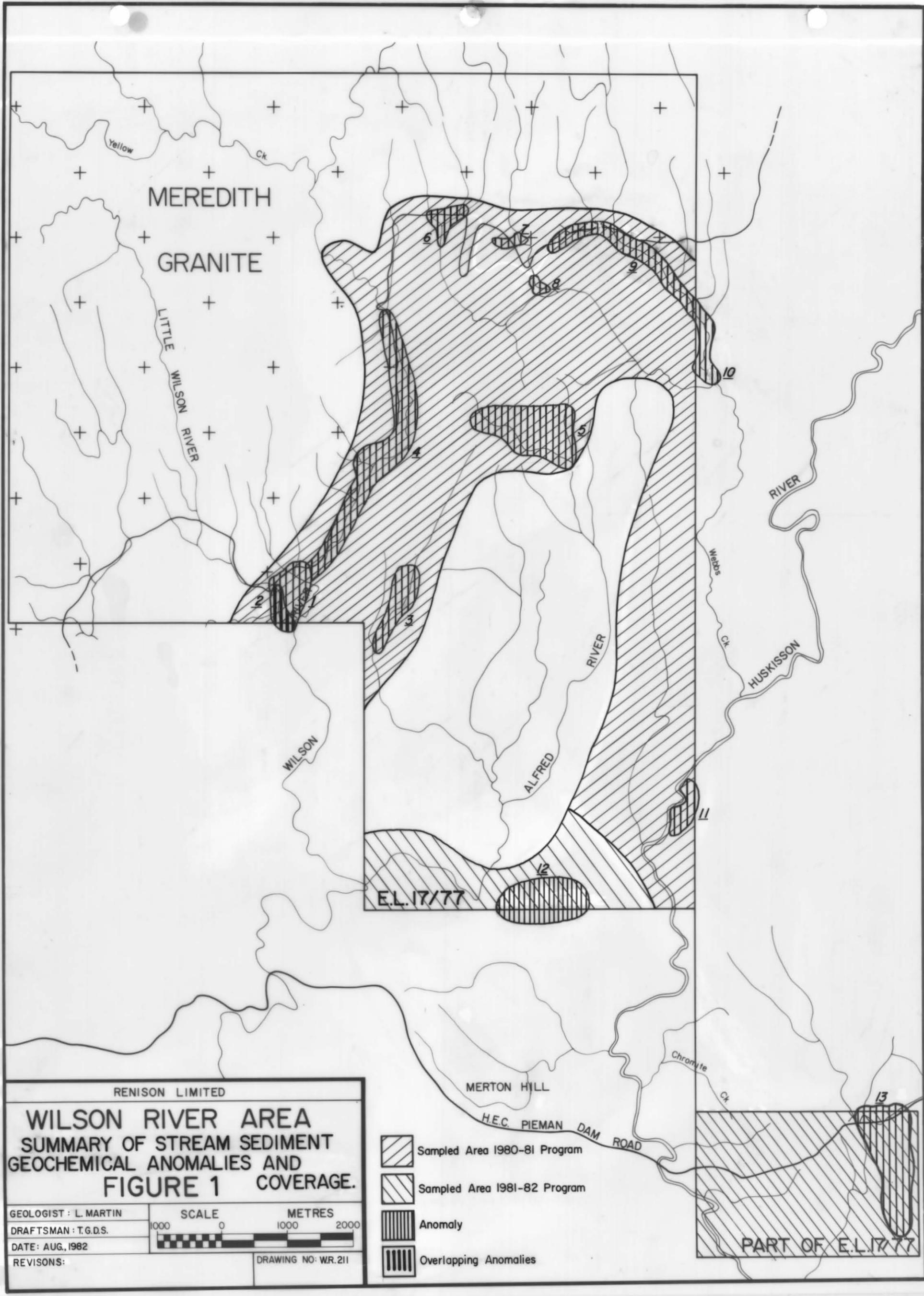
5 cm

03-4932

AREA 2
 BLOCK
 PART OF E.L. 17/77

5 cm

03-4932



RENISON LIMITED

WILSON RIVER AREA
SUMMARY OF STREAM SEDIMENT
GEOCHEMICAL ANOMALIES AND
FIGURE 1 COVERAGE.

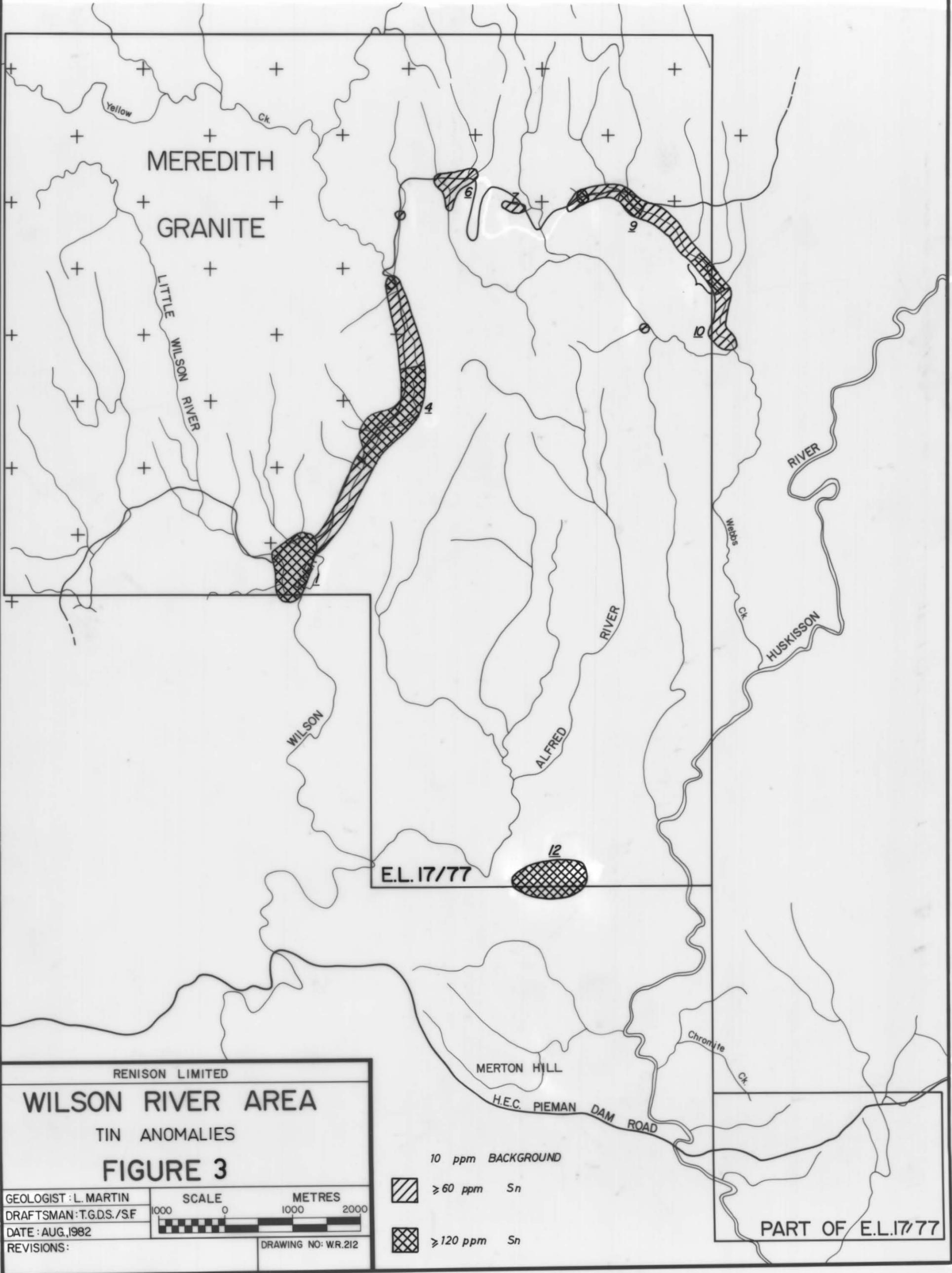
GEOLOGIST : L. MARTIN
 DRAFTSMAN : T.G.D.S.
 DATE : AUG. 1982
 REVISIONS:

SCALE METRES
 1000 0 1000 2000

DRAWING NO: WR.211

-  Sampled Area 1980-81 Program
-  Sampled Area 1981-82 Program
-  Anomaly
-  Overlapping Anomalies

PART OF E.L. 17/77



MEREDITH
GRANITE

LITTLE
WILSON
RIVER

WILSON

ALFRED
RIVER

WILSON
RIVER

HUSKISSON
RIVER

Chromite
Ck

MERTON HILL

H.E.C. PIEMAN DAM ROAD

E.L. 17/77

PART OF E.L. 17/77

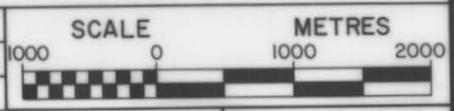
RENISON LIMITED

WILSON RIVER AREA

TIN ANOMALIES

FIGURE 3

GEOLOGIST: L. MARTIN
DRAFTSMAN: T.G.D.S./S.F
DATE: AUG. 1982
REVISIONS:



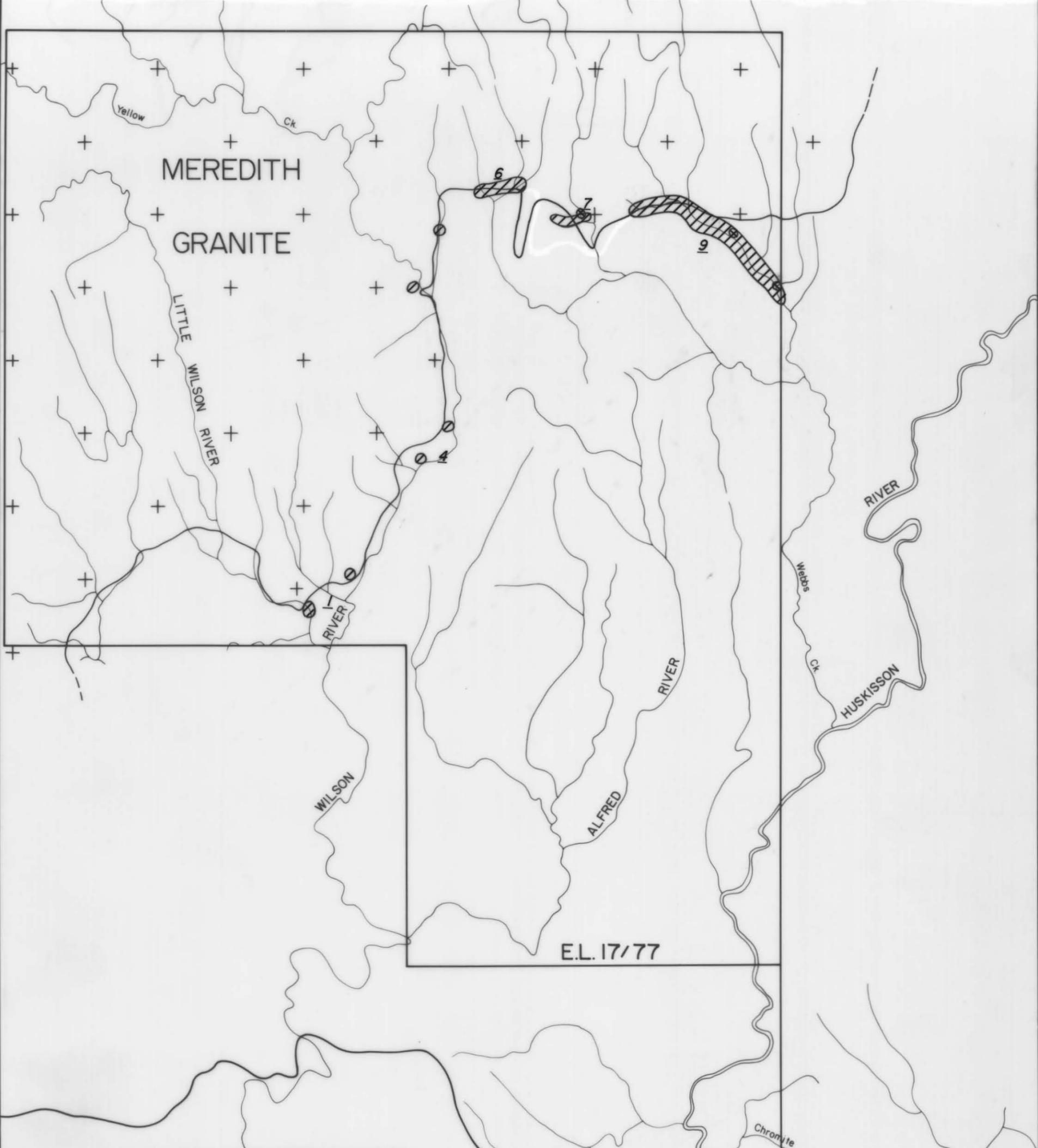
DRAWING NO: WR.212

- 10 ppm BACKGROUND
-  ≥ 60 ppm Sn
-  ≥ 120 ppm Sn

5 cm

03-4432

03-4932



RENISON LIMITED

WILSON RIVER AREA

TUNGSTEN ANOMALIES

FIGURE 4

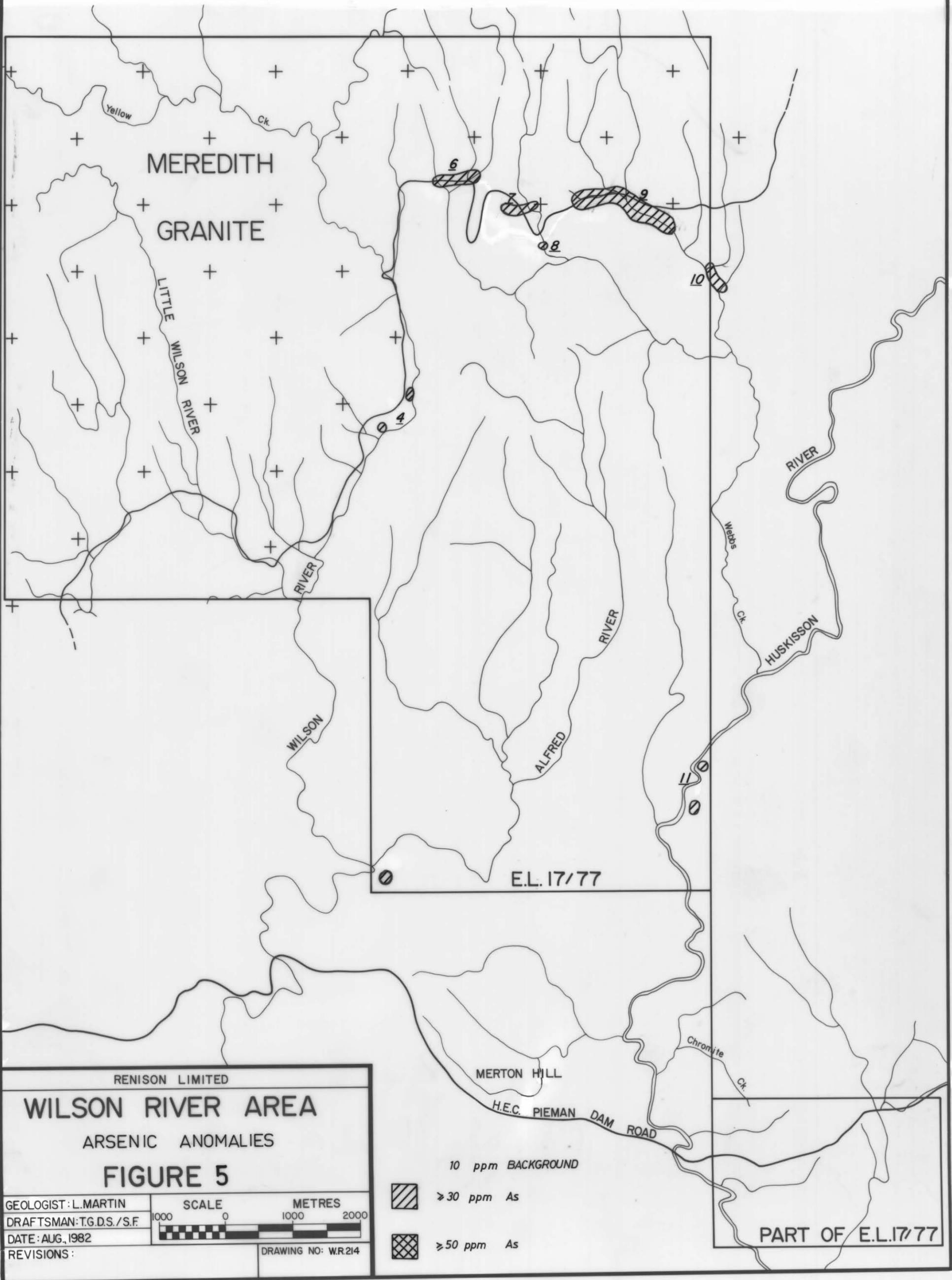
GEOLOGIST: L.MARTIN
 DRAFTSMAN: T.G.D.S./S.F.
 DATE: AUG.1982
 REVISIONS:

SCALE METRES
 1000 0 1000 2000

DRAWING NO: W.R. 213

- 20 ppm BACKGROUND
-  ≥ 60 ppm WO₃
-  > 80 ppm WO₃

PART OF E.L.17/77



5 cm

03-4932

RENISON LIMITED

WILSON RIVER AREA

ARSENIC ANOMALIES

FIGURE 5

GEOLOGIST: L.MARTIN
 DRAFTSMAN: T.G.D.S./S.F.
 DATE: AUG., 1982
 REVISIONS:

SCALE METRES
 1000 0 1000 2000

DRAWING NO: WR.214

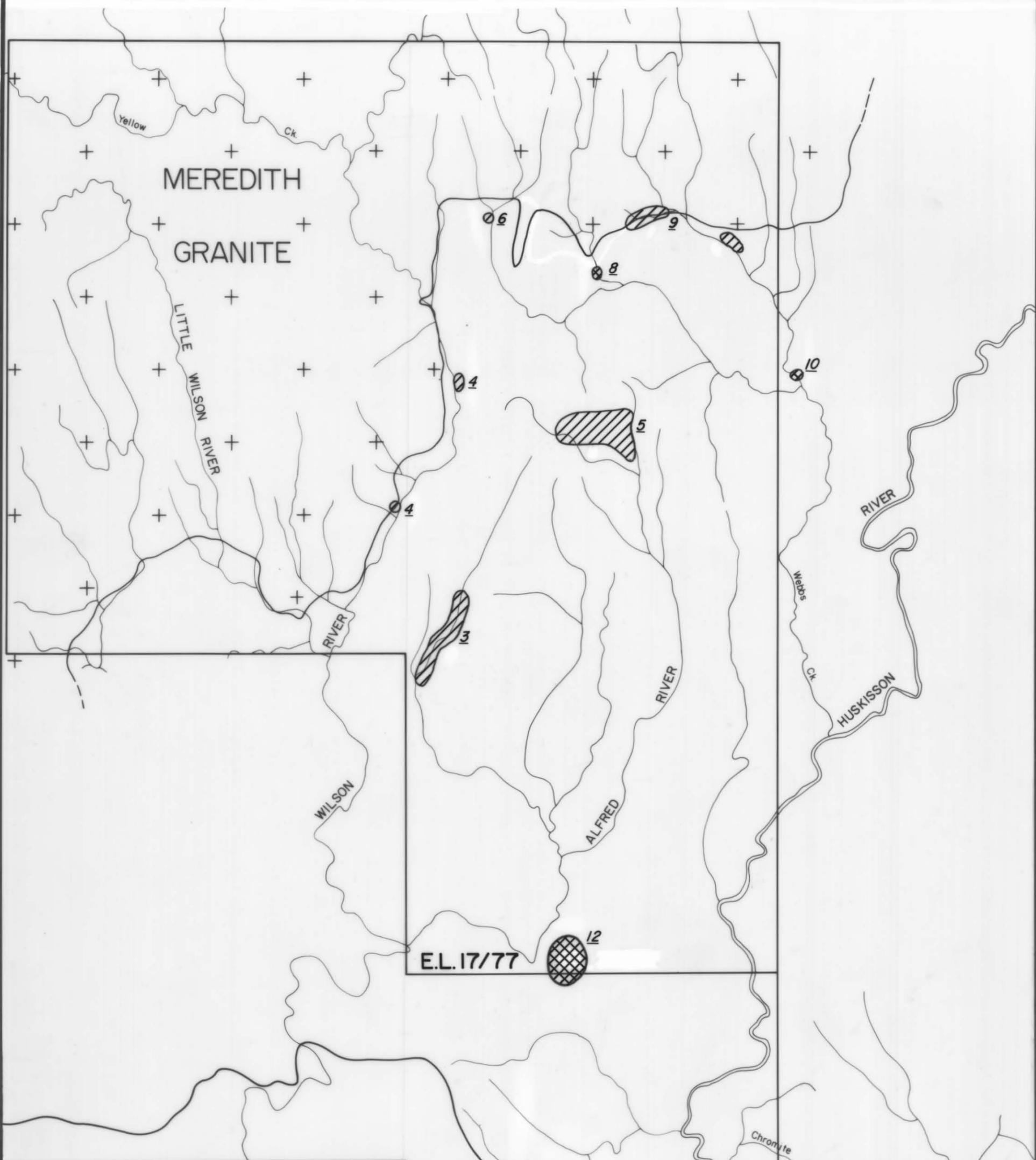
10 ppm BACKGROUND

 ≥ 30 ppm As

 ≥ 50 ppm As

PART OF E.L.17/77

03-4932



RENISON LIMITED

WILSON RIVER AREA

COPPER ANOMALIES

FIGURE 6

GEOLOGIST: L. MARTIN
 DRAFTSMAN: T. G. D. S. / S. F.
 DATE: AUG. 1982
 REVISIONS:

SCALE METRES
 0 1000 2000

DRAWING NO: WR. 215

- 5 ppm BACKGROUND
-  ≥ 10 ppm Cu
-  ≥ 30 ppm Cu

MERTON HILL

H.E.C. PIEMAN DAM ROAD

Chromite Ck

Webbs Ck

HUSKISSON RIVER

ALFRED RIVER

WILSON RIVER

LITTLE WILSON RIVER

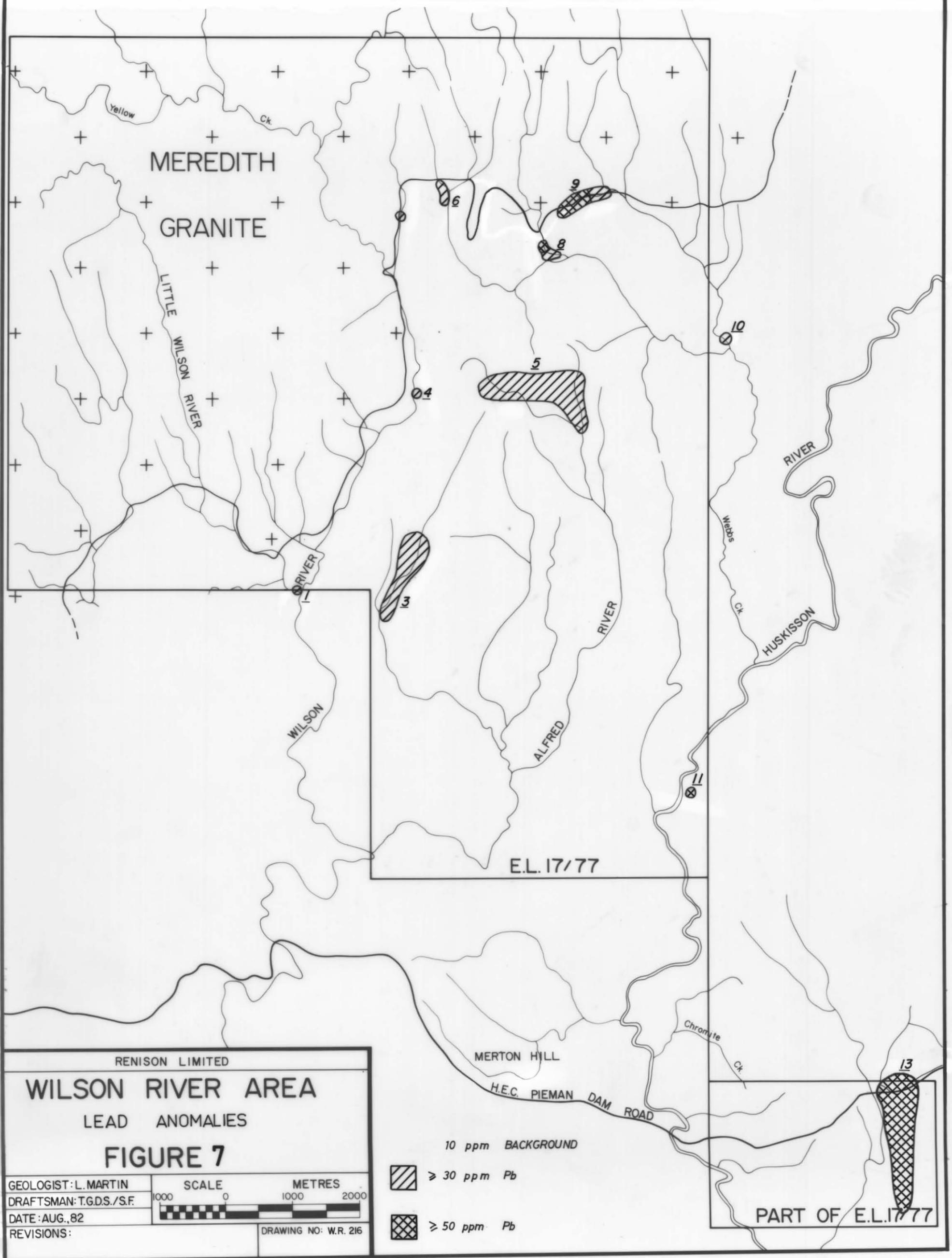
Yellow Ck

E.L. 17/77

PART OF E.L. 17/77

03-4932

5 cm



RENISON LIMITED

WILSON RIVER AREA

LEAD ANOMALIES

FIGURE 7

GEOLOGIST: L. MARTIN
 DRAFTSMAN: T.G.D.S./S.F.
 DATE: AUG., 82
 REVISIONS:

SCALE METRES
 1000 0 1000 2000

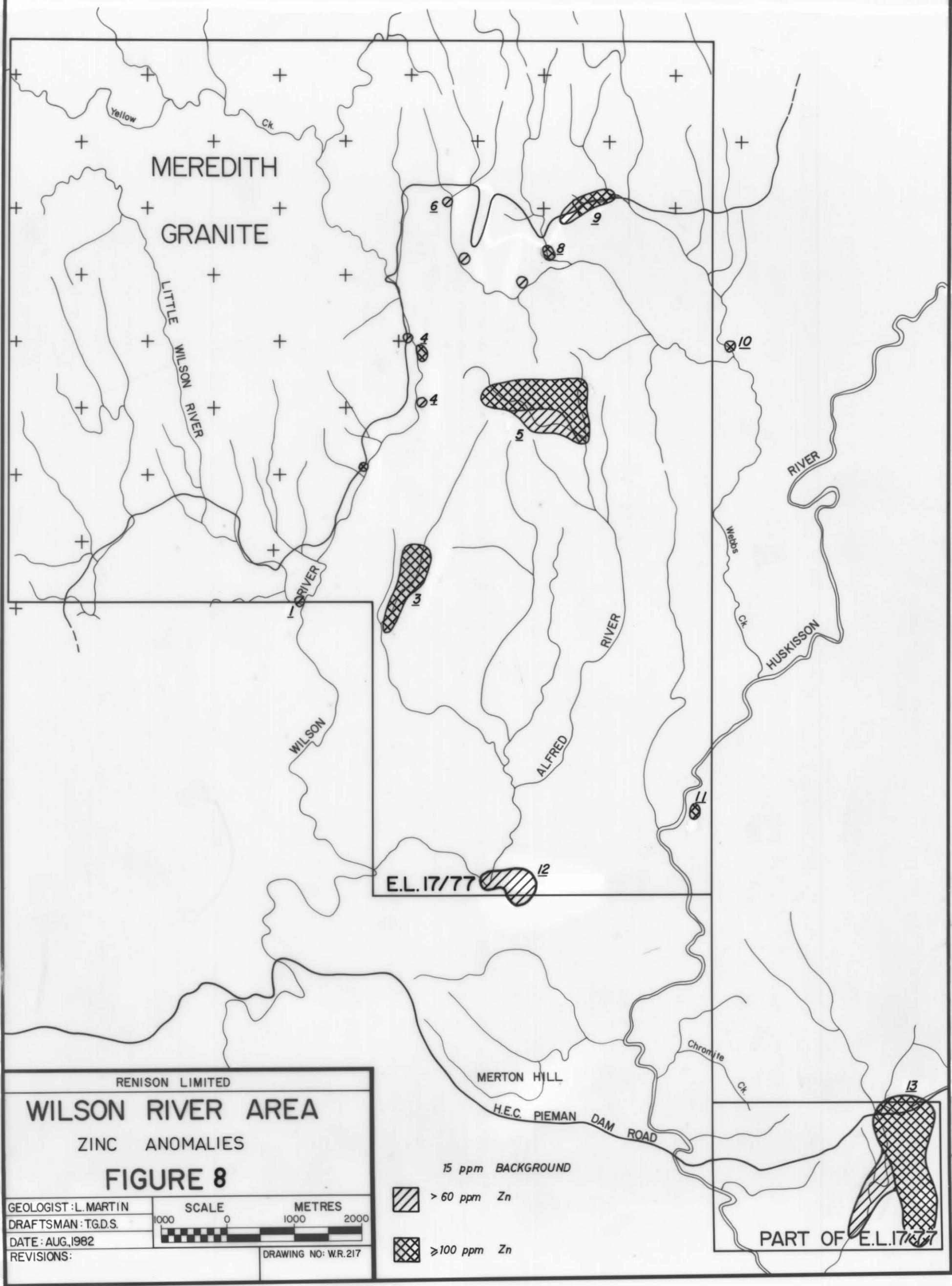
DRAWING NO: W.R. 216

- 10 ppm BACKGROUND
-  ≥ 30 ppm Pb
-  ≥ 50 ppm Pb

PART OF E.L.1777

5 cm

03-4932



RENISON LIMITED

WILSON RIVER AREA

ZINC ANOMALIES

FIGURE 8

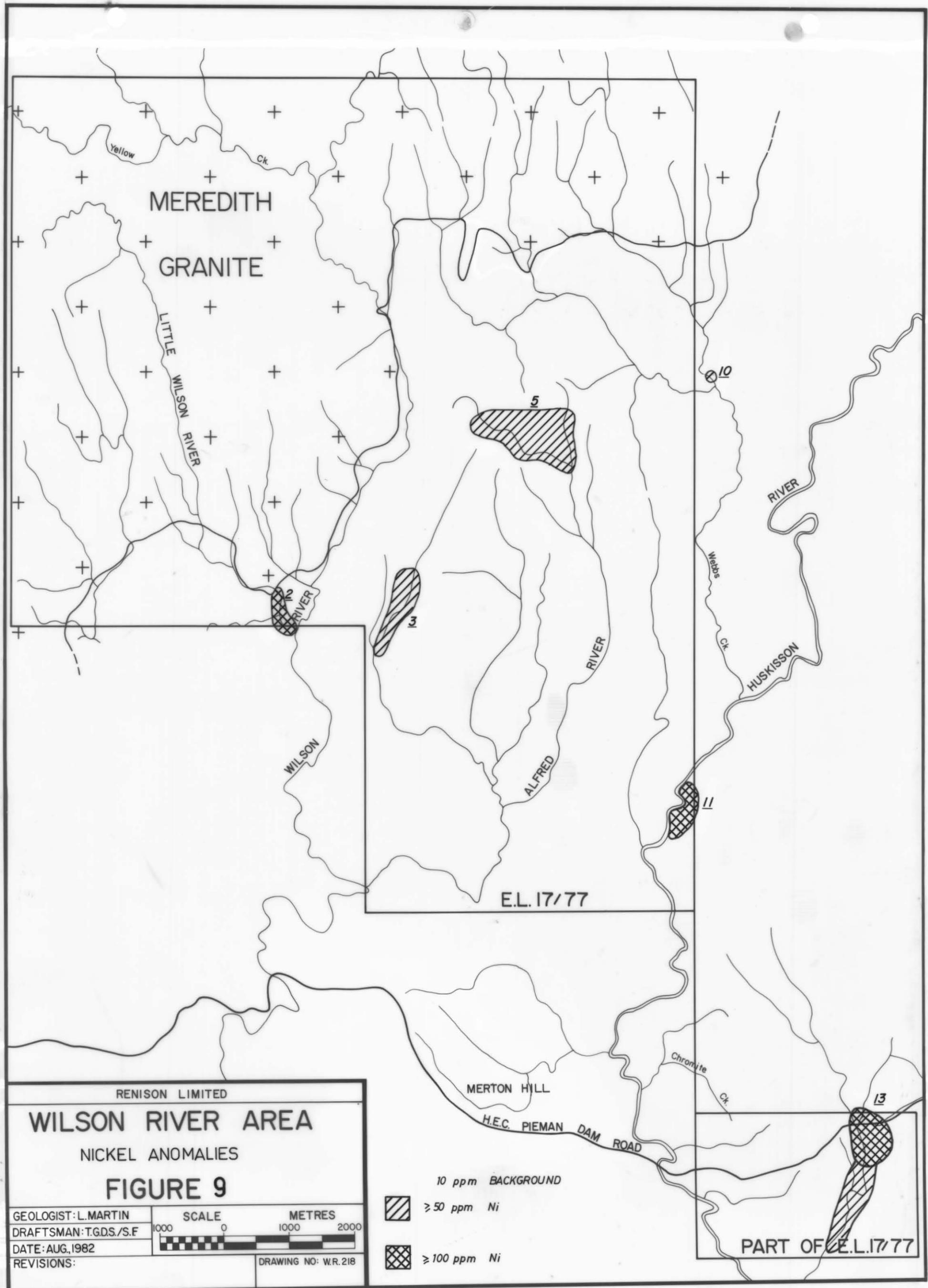
GEOLOGIST: L. MARTIN	SCALE	METRES
DRAFTSMAN: T.G.D.S.	1000 0 1000 2000	
DATE: AUG, 1982	DRAWING NO: W.R.217	
REVISIONS:		

- 15 ppm BACKGROUND
-  > 60 ppm Zn
 -  ≥ 100 ppm Zn

PART OF E.L. 17/77

03-4932

5 cm



RENISON LIMITED

WILSON RIVER AREA

NICKEL ANOMALIES

FIGURE 9

GEOLOGIST: L. MARTIN
 DRAFTSMAN: T.G.D.S./S.F.
 DATE: AUG, 1982
 REVISIONS:

SCALE METRES
 1000 0 1000 2000

DRAWING NO: W.R. 218

- 10 ppm BACKGROUND
-  ≥ 50 ppm Ni
-  ≥ 100 ppm Ni

MERTON HILL

H.E.C. PIEMAN DAM ROAD

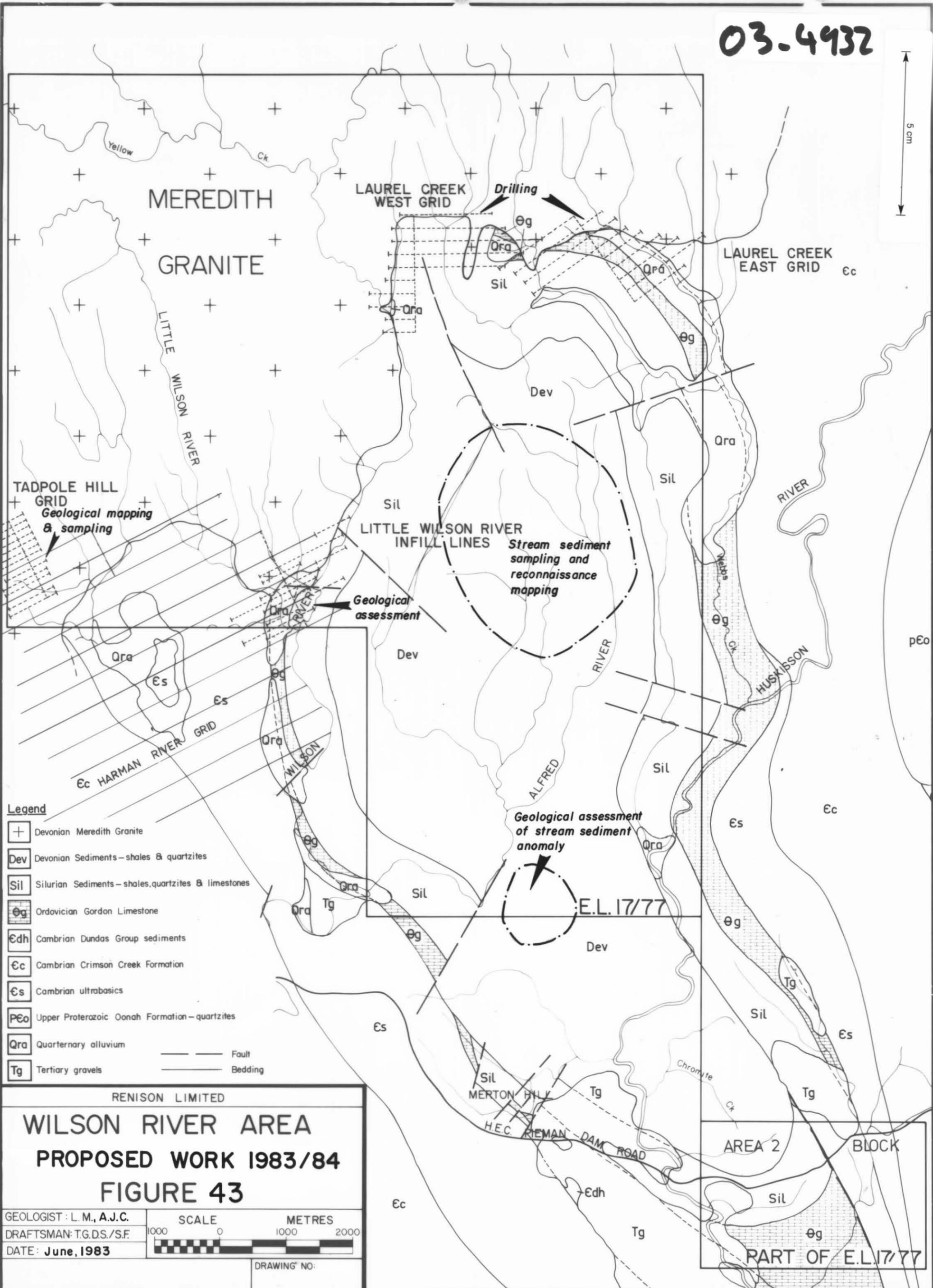
Chromite Ck

13

PART OF E.L. 17/77

03-4932

5 cm



- Legend**
- + Devonian Meredith Granite
 - Dev Devonian Sediments—shales & quartzites
 - Sil Silurian Sediments—shales, quartzites & limestones
 - θg Ordovician Gordon Limestone
 - Edh Cambrian Dundas Group sediments
 - Ec Cambrian Crimson Creek Formation
 - Es Cambrian ultrabasics
 - pEo Upper Proterozoic Oonah Formation—quartzites
 - Qra Quaternary alluvium
 - Tg Tertiary gravels
- Fault
 Bedding

RENISON LIMITED

WILSON RIVER AREA PROPOSED WORK 1983/84 FIGURE 43

GEOLOGIST: L. M., A.J.C.
 DRAFTSMAN: T.G.D.S./S.F.
 DATE: June, 1983

SCALE METRES
 1000 0 1000 2000

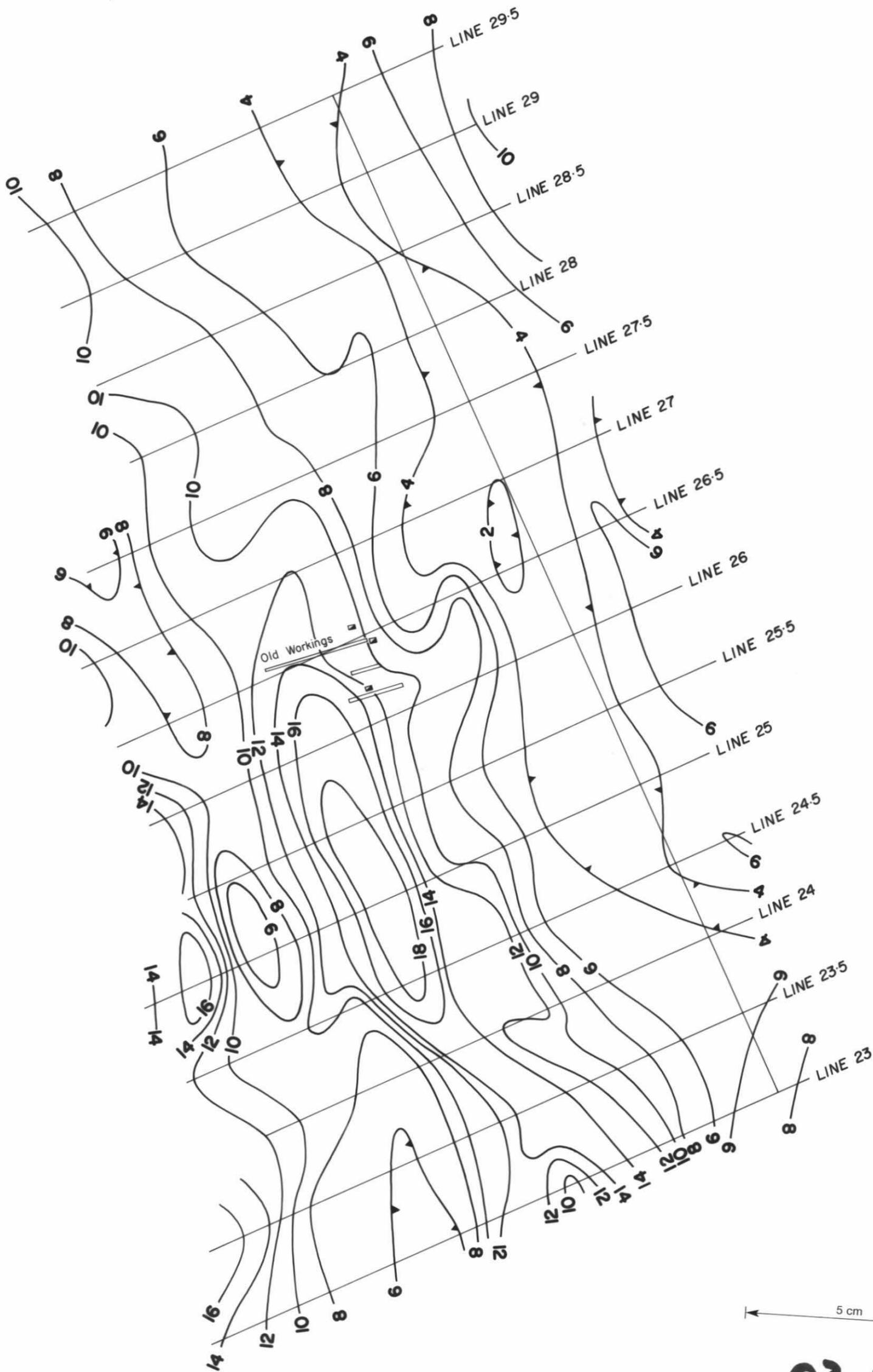
DRAWING NO:

AREA 2
 BLOCK
 PART OF E.L. 17/77

360 000 E.

5 388 000 N.

5 388 000 N.



Survey by : Scintrex
 Date : Feb., 1982
 Station spacing : 10m.

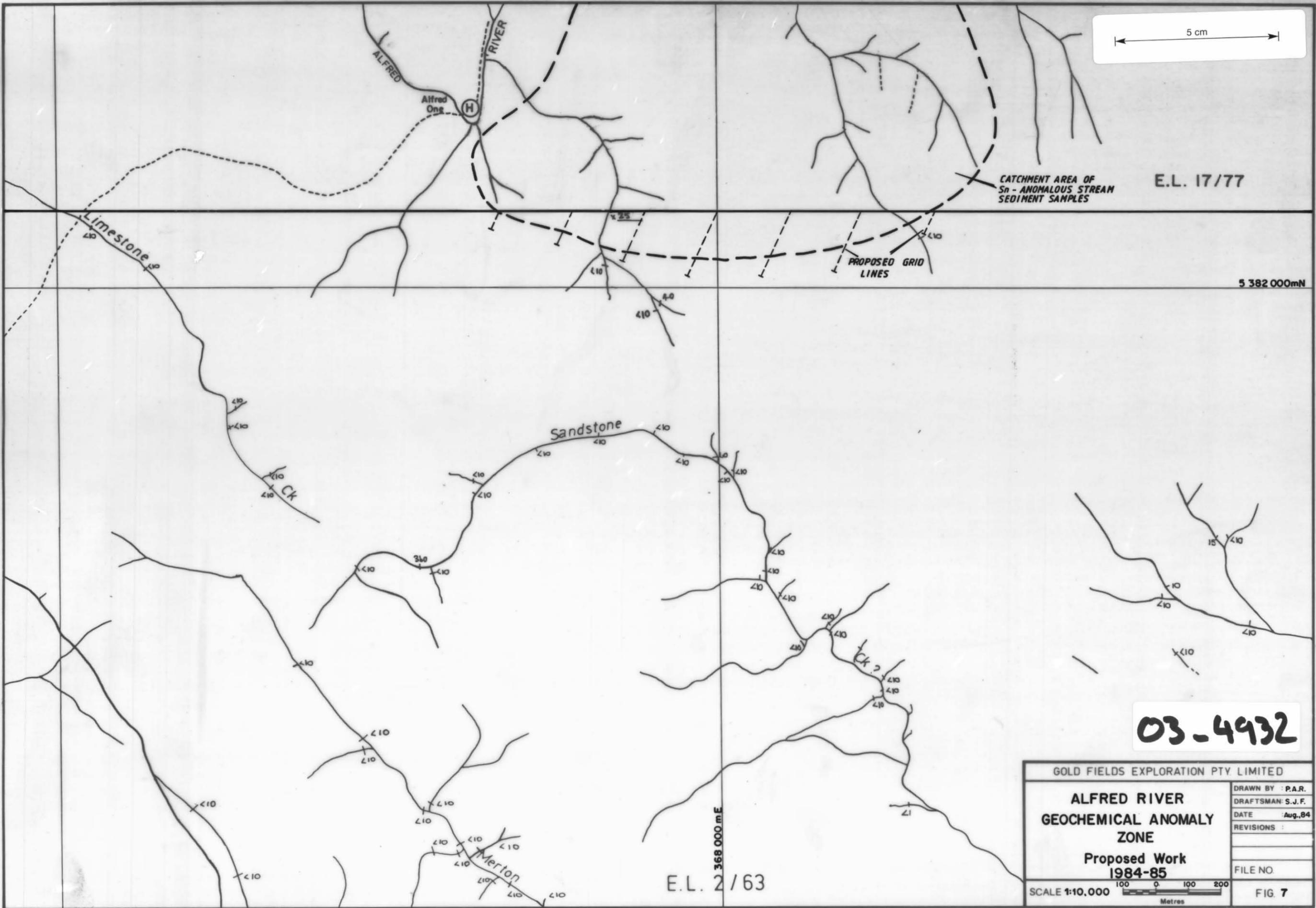
NOTE: This map was prepared from
 hand smoothed chargeability
 profiles.
 Contour interval 2mV/V.

03-4932

MITRE GEOPHYSICS PTY. LTD.	
TADPOLE HILL GRID	
GRADIENT ARRAY IP	
SMOOTHED CHARGEABILITY	
CONTOURS W.R. 316	
Drawn by J.B.	Scale: 1:5000
Traced by T.G.D.S.	Date: July, 1982
FIG. 3	

Ref: RN/MG82/08

360 000 E.



5 cm

CATCHMENT AREA OF Sn - ANOMALOUS STREAM SEDIMENT SAMPLES
E.L. 17/77

5 382 000mN

03-4932

E.L. 2/63
5 368 000 mE

GOLD FIELDS EXPLORATION PTY LIMITED	
ALFRED RIVER GEOCHEMICAL ANOMALY ZONE	
Proposed Work 1984-85	
SCALE 1:10,000	100 0 100 200 Metres
DRAWN BY : P.A.R. DRAFTSMAN : S.J.F. DATE : Aug., 84 REVISIONS :	FILE NO. FIG. 7