

- | No. | Grid |
|-----|-------------------------|
| 1 | Tverrlivola |
| 2 | Littlefjellet |
| 3 | Gruvsjöhögda |
| 4 | Gruvsjøen |
| 5 | Gruvsjøen - on the lake |
| 6 | Öya |
| 7 | Ljösnavollen |
| 8 | Brennvola |
| 9 | Langen |
| 10 | Tufsingdal |
| 11 | Gråhögda |
| 12 | Nolsjøen |
| 13 | Svarthamrane |
| 14 | Tovberga |
| 15 | Krokåtsjøen |
| 16 | Brydal |
| 17 | Elgpiggen |
| 18 | Nekkjölen |
| 19 | Brennvoltjörna |
| 20 | Barkaldvola |
| 21 | Holbekktjörna |
| 22 | Fossbekken |
| 23 | Håsjöen |
| 24 | Atna |

FOLLDAL

ALVDAL

TYNSET

ROROS

SNEDEN

FEMUNDEN

GUTTUSJON
VASSBO

LEGEND

- CALEDONIDES
- SPARAGMITES
- TILLITES
- PRECAMBRIAN BASEMENT
- PROSPECTS, DEPOSITS
- GRID

0 5 10 15 KM

FOLLDAL VERK A/S - AMOCO NORWAY J.V.

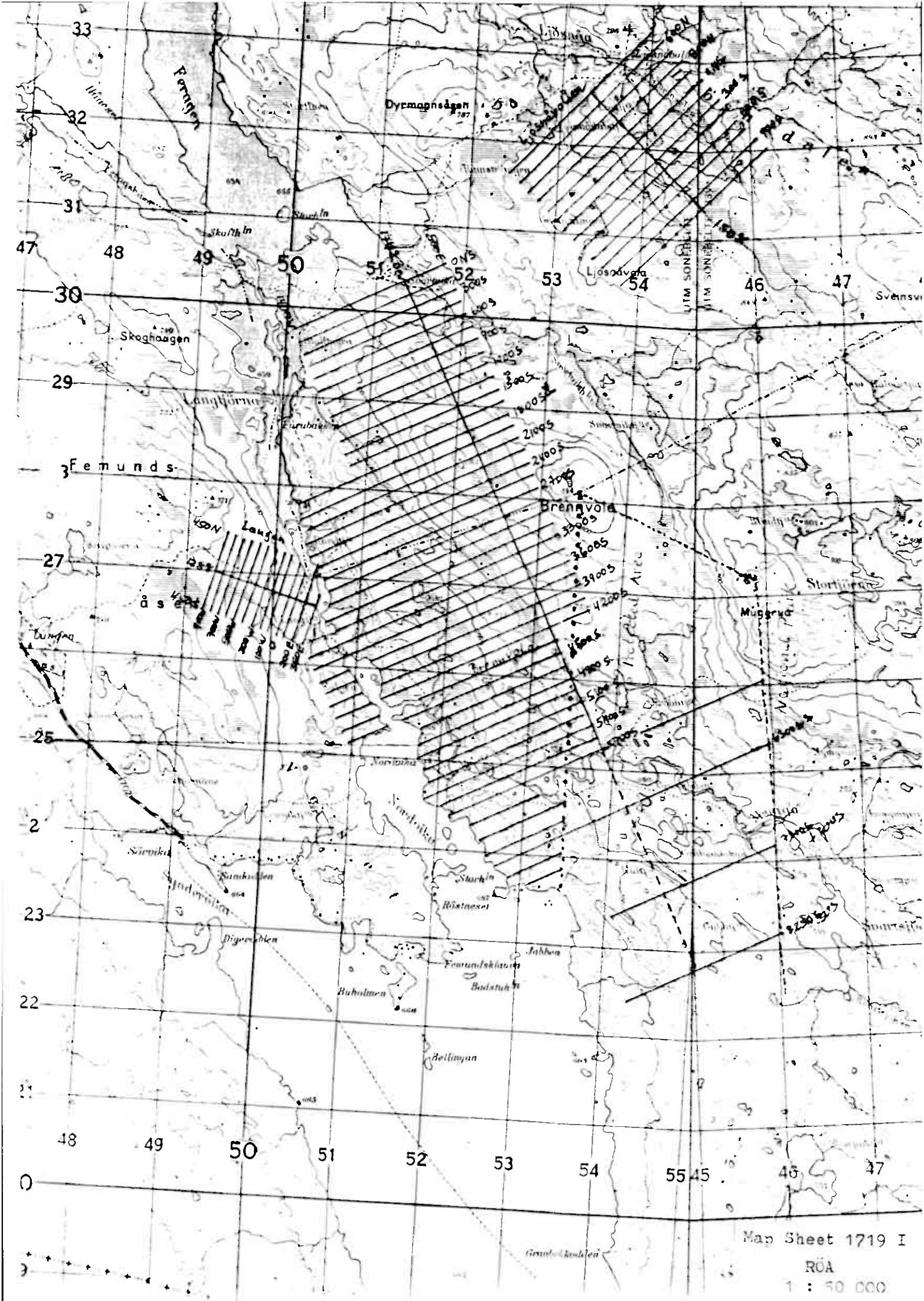
SPARAGMITE PROJECT N-82--5

REGIONAL GEOLOGY MAP
WITH GRID LOCATIONS

Date 10/83 12/82 10/83

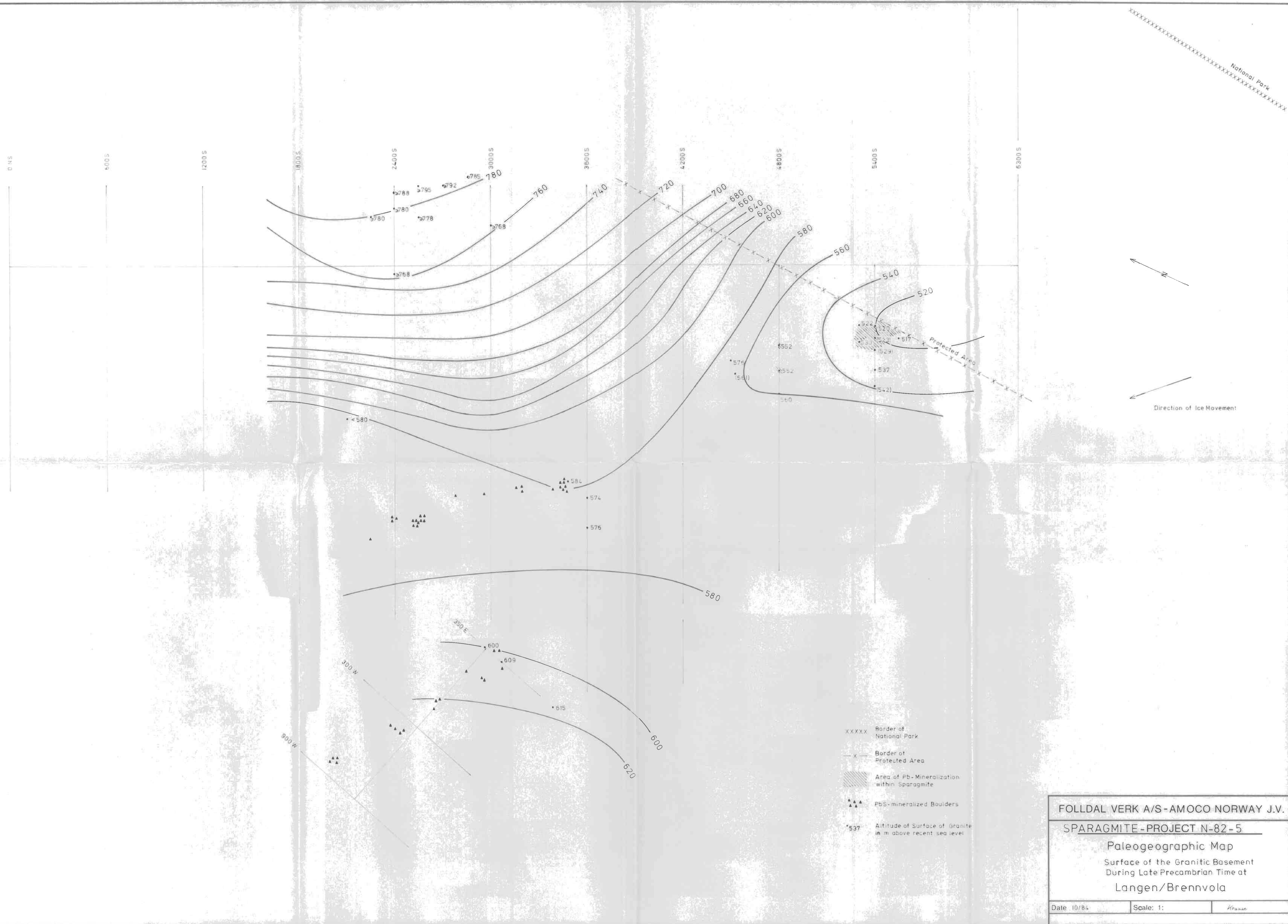
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LANGEN / BRENNVOLA



Aug 20
Hill holes

Brennholz
Paleogeography



Brennholz
Drill holes

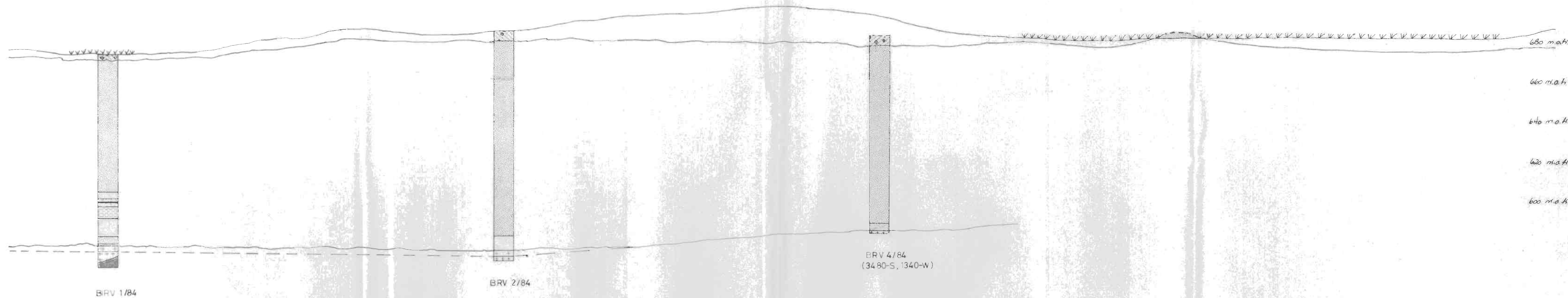


- XXXXX Border of National Park
- - - Border of Protected Area
- Drill hole
- ▲▲▲ PbS- mineralized Boulders

FOLLDAL VERK A/S-AMOCO NORWAY J.V.
 SPARAGMITE - PROJECT N-82-5
 Drill Hole Location Map
 Langen/Brennvola

Date 11/84 Scale 1:

1700 W 1600 W 1500 W 1400 W 1300 W 1200 W 1100 W 1000 W



LEGEND

	OVERDEKKE		KVARTS BRECCIE
	SPARAGMITT		BASEMENT (OMVALET GRANITT)
	KVARTSITT		GRANITT
	KONGLOMERAT		DIABAS
	SILTSTEIN		

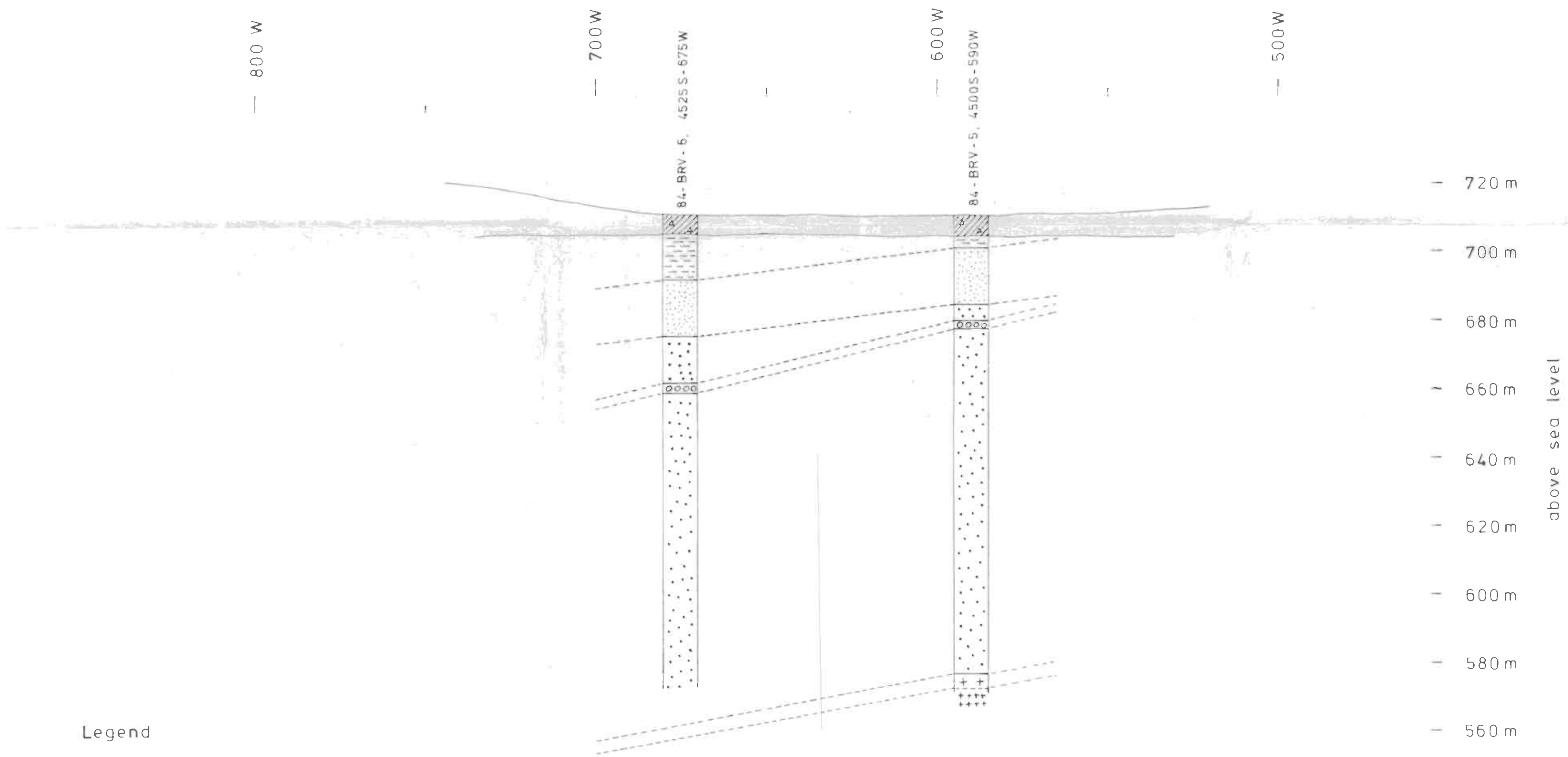
FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARAGMITE-PROJECT - N- 82-5

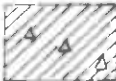
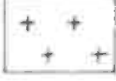
BRENNJOLA
PROFIL 3600S

Date

Scale 1



Legend

-  Overburden
-  Schist (slightly graphitic)
-  Quartzite
-  Sparagmite
-  Conglomerate
-  Brecciated and weathered granite
-  Granite

FOLLDAL VERK A/S-AMOCO NORWAY J.V.

SPARAGMITEPROJECT N-82-5

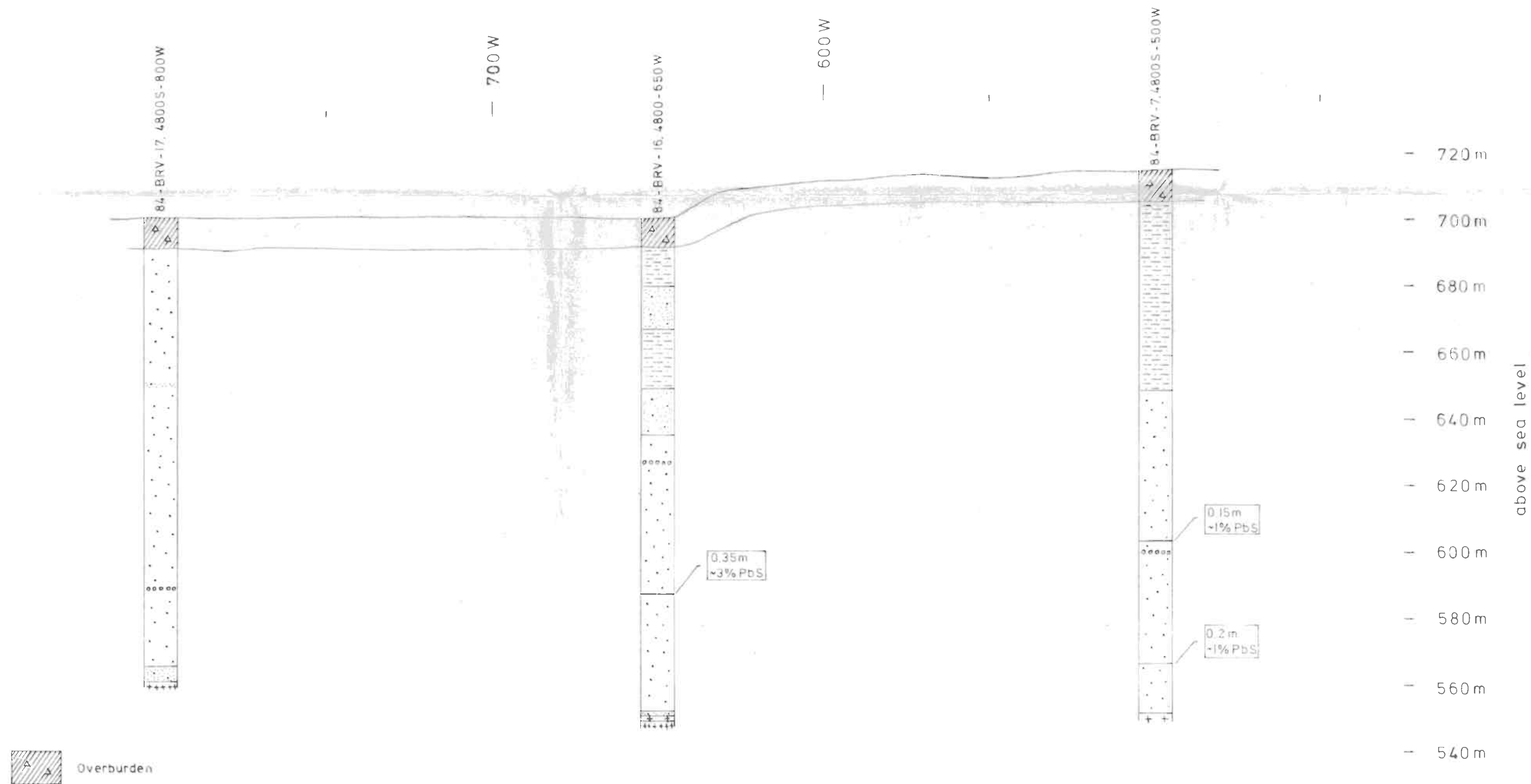
Brennvola

Drill holes 84-BRV-5,-6

Line 4500 S

Date 7/84

Scale: 1:1000



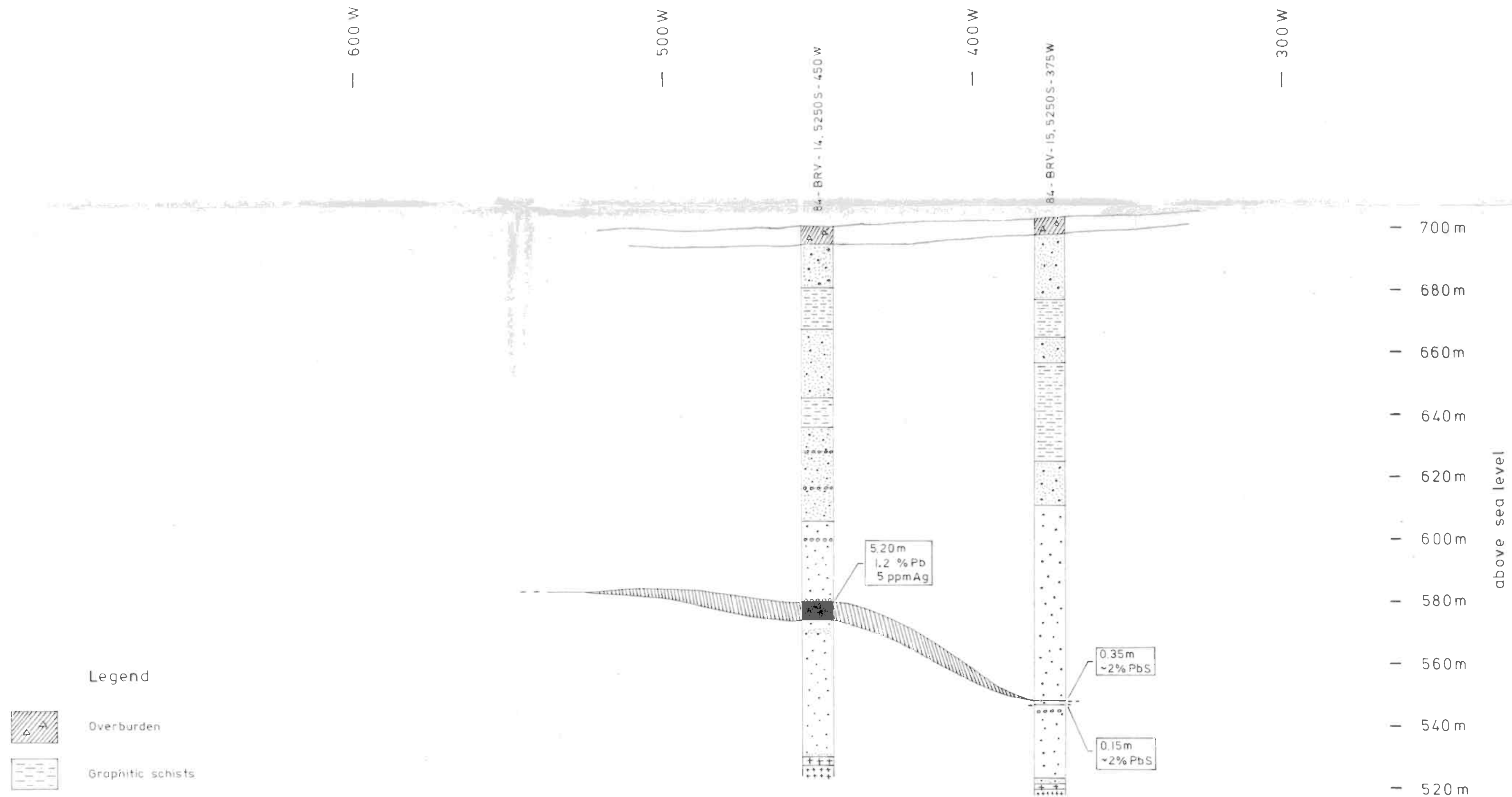
FOLLDAL VERK A/S-AMOCO NORWAY J.V.

SPARAGMITE-PROJECT N-82 - 5

Brennvola
Drill hole 84-BRV-7,16,17
Line 4800 S

Date 8/84

Scale: 1:1000



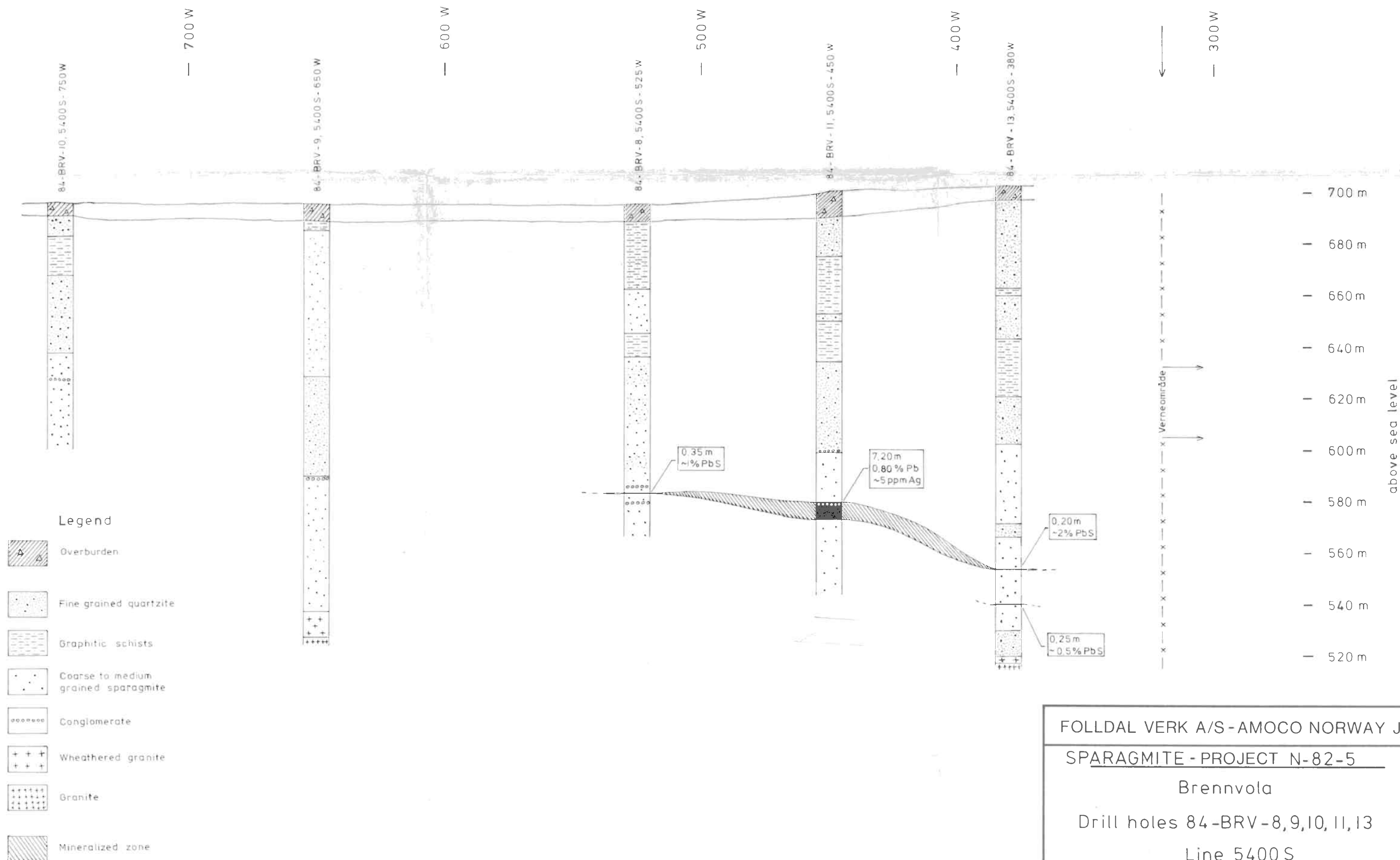
FOLLDAL VERK A/S-AMOCO NORWAY J.V.

SPARAGMITE-PROJECT N-82-5

Brennvola
Drill holes 84-BRV-14, -15
Line 5250S

Date 10/84

Scale: 1:1000



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARAGMITE - PROJECT N-82-5

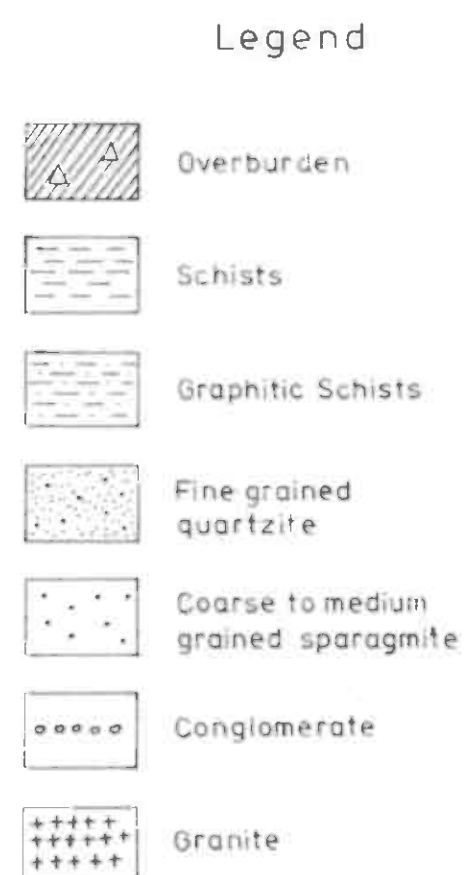
Brennvola

Drill holes 84-BRV-8,9,10,11,13

Line 5400 S

Date 10/1984

Scale: 1:1000



— 500 W

— 400 W

84-BRV-12, 5550S-450W



— 700 m
— 680 m
— 660 m
— 640 m
— 620 m
— 600 m
— 580 m
— 560 m
— 540 m
— 520 m

above sea level

FOLLDAL VERK A/S-AMOCO NORWAY J.V.

SPARAGMITE-PROJECT N-82-5

Brennvola

Drill hole 84-BRV-12

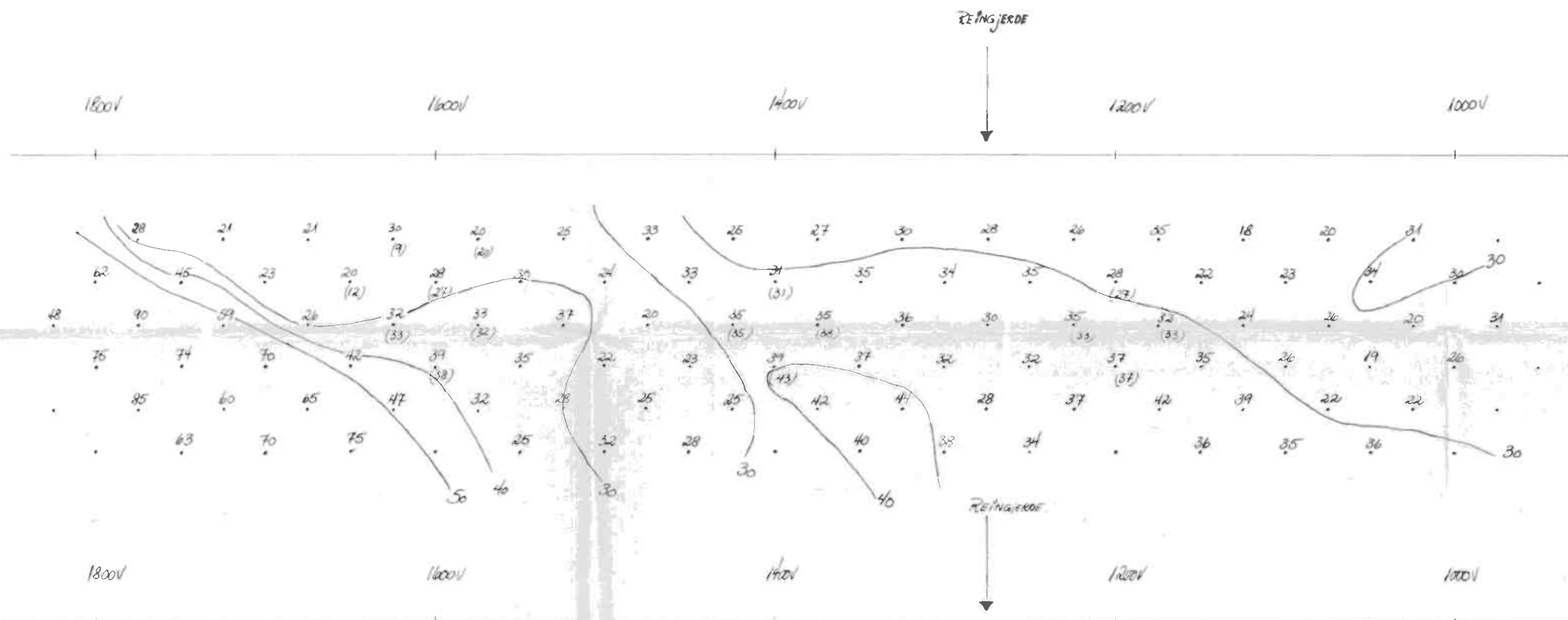
Line 5550S

Date 10/84

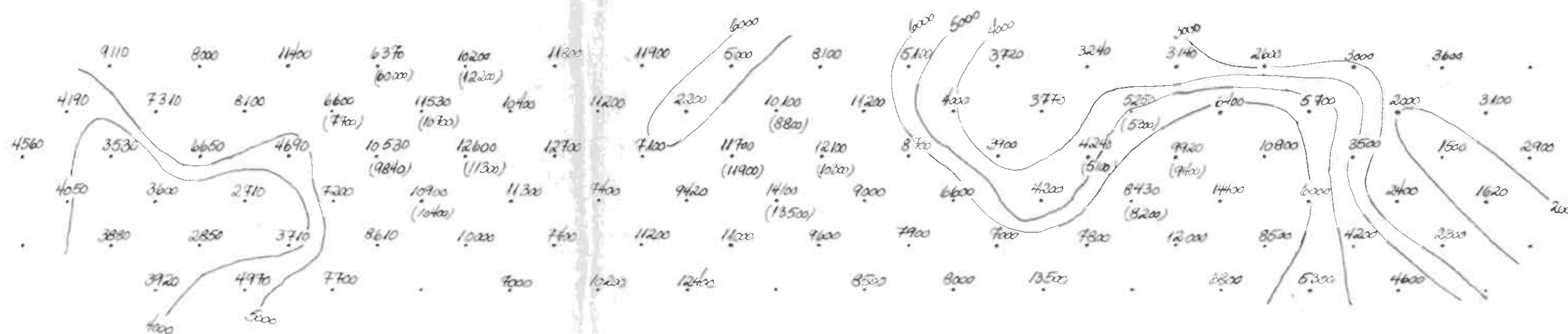
Scale: 1:1000

Brennola
IP-Survey

IP%



RP ohm/m



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARGMITE-PROJECT - N-82-5

BRENNJOLA

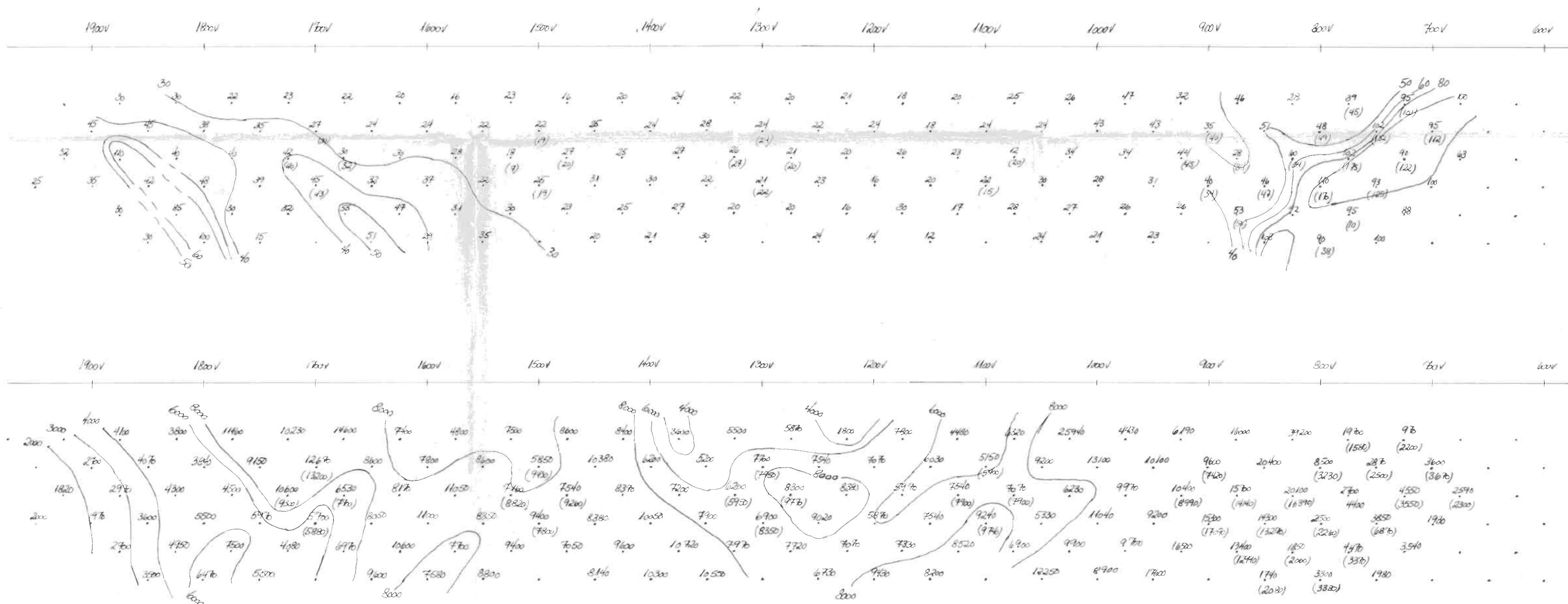
IP - SURVEY LINE 39005

Dipole - Dipole $\alpha = 5 \text{ km}$

Date 15.6.1984

Scale: 1: 2500

AD



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARGMITE - PROJECT - N-82-5

BRENNVOLA

IP - SURVEY Line 42005

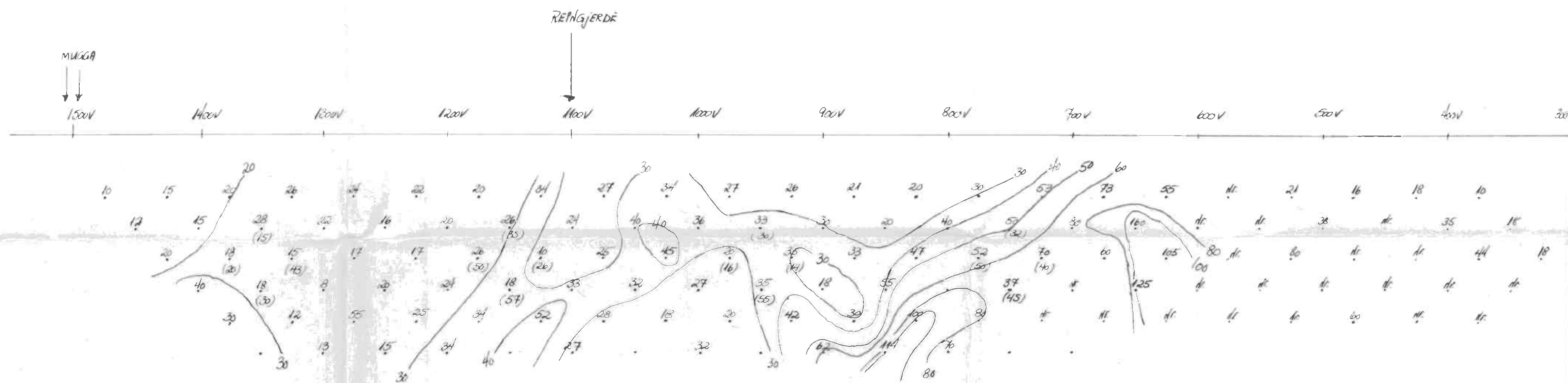
Dipole - Dipole $\alpha = 50\text{m}$

Date 28.6.1984

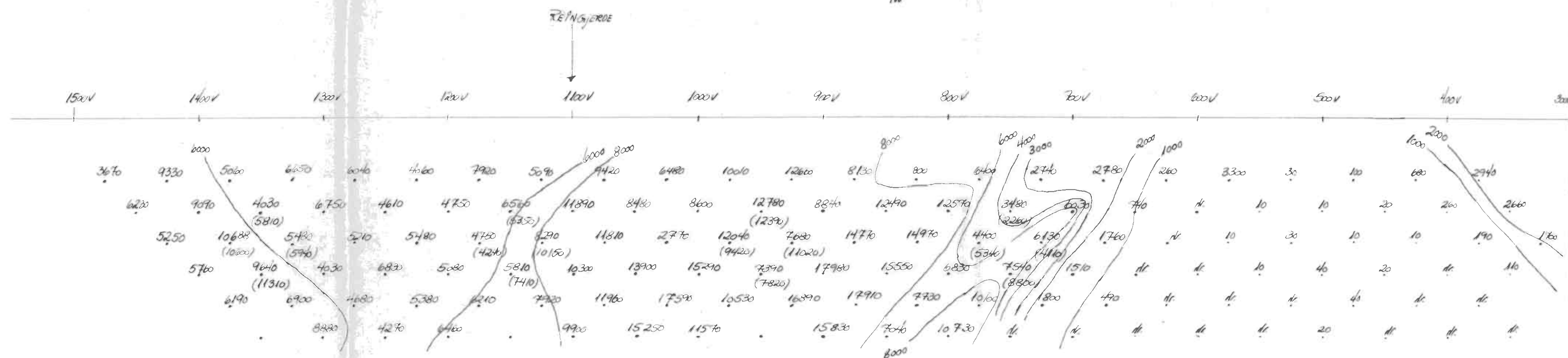
Scale: 1: 2500

See Section

IP %

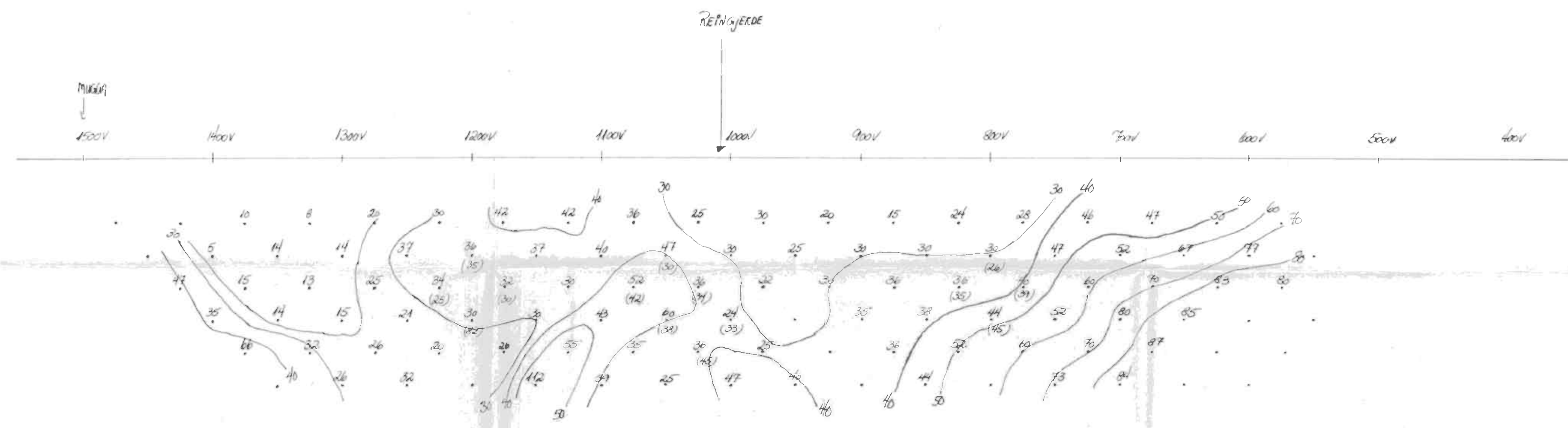


RP ohm/m

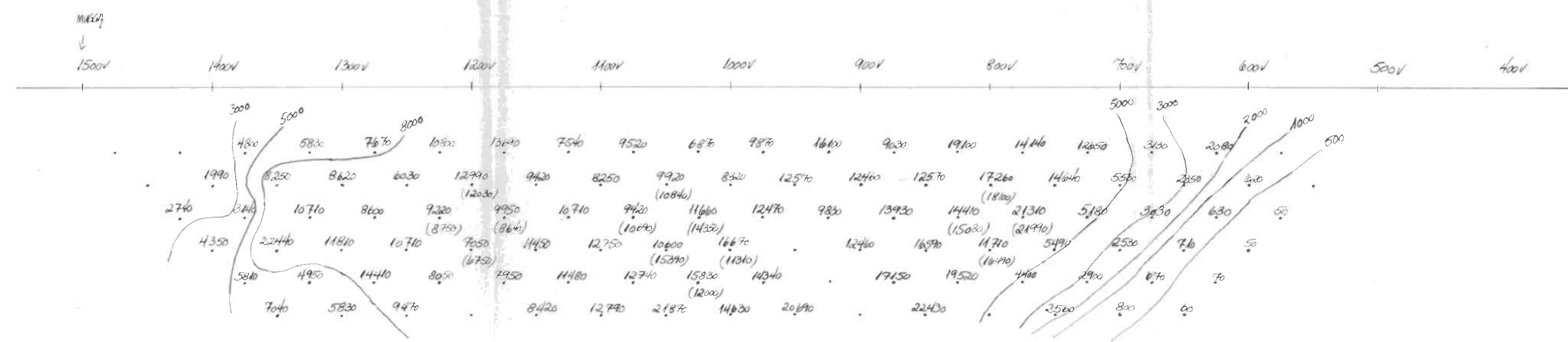


FOLLDAL VERK A/S - AMOCO NORWAY J.V.		
SPARGMITE-PROJECT - N-82-5		
BRENNVOLA		
IP-SURVEY		
LINE 4800S		
Dipole-Dipole $a=50m$		
Date 26.6.1984	Scale: 1:2500	John D. H. H.

IP%



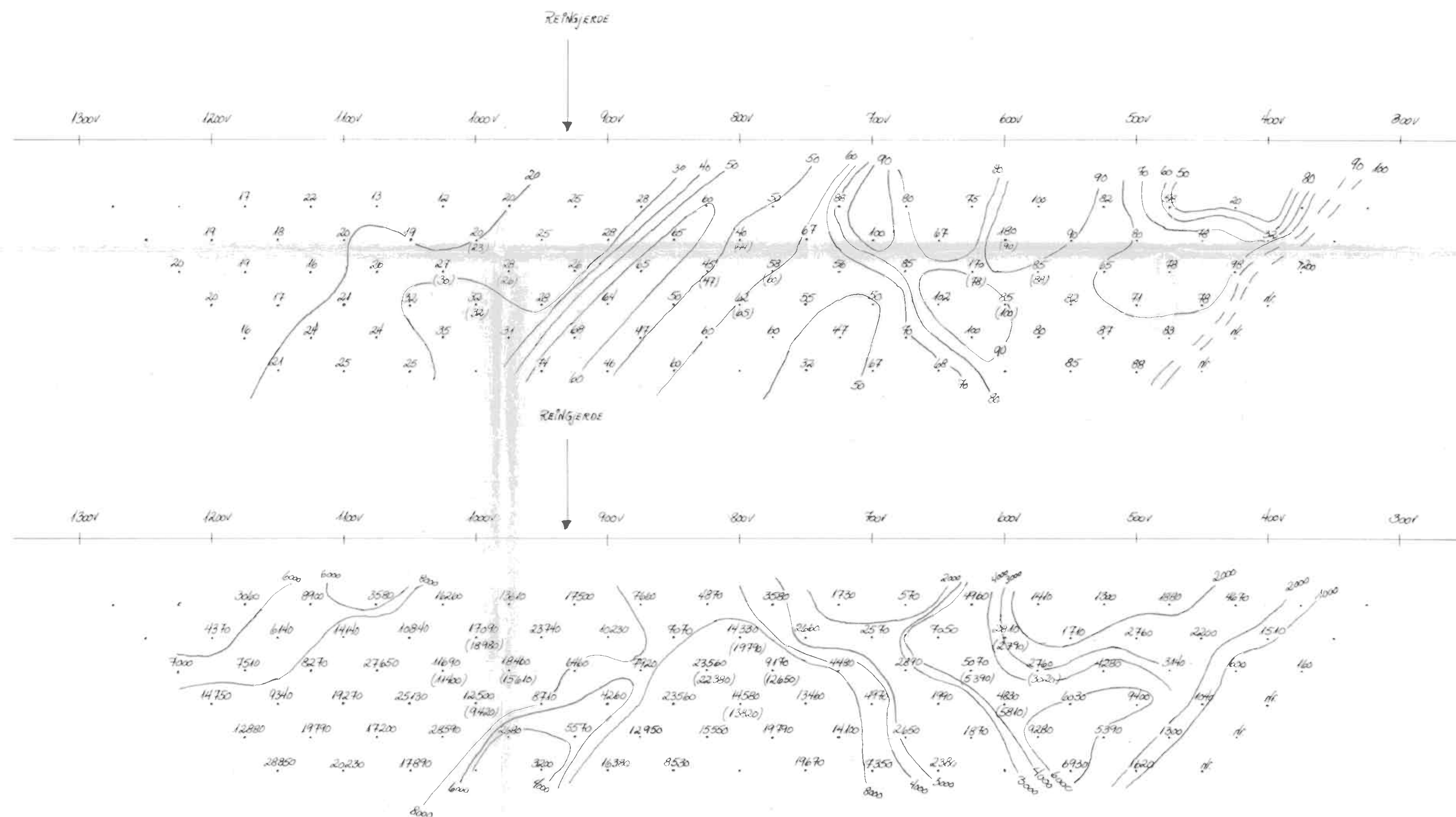
RP



FOLLDAL VERK A/S - AMOCO NORWAY J.V.		
SPARGMITE - PROJECT - N - 82-5		
BRENNVOLA		
IP - SURVEY		
LINE 5100S		
Dipole-Dipole a=5km		
Date 26/6-84	Scale: 1: 2500	Jør. Jør. Jør.

IP%

RP ohm/m



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARGMITE - PROJECT - N - 82 - 5

BRENNVOLA

IP - SURVEY

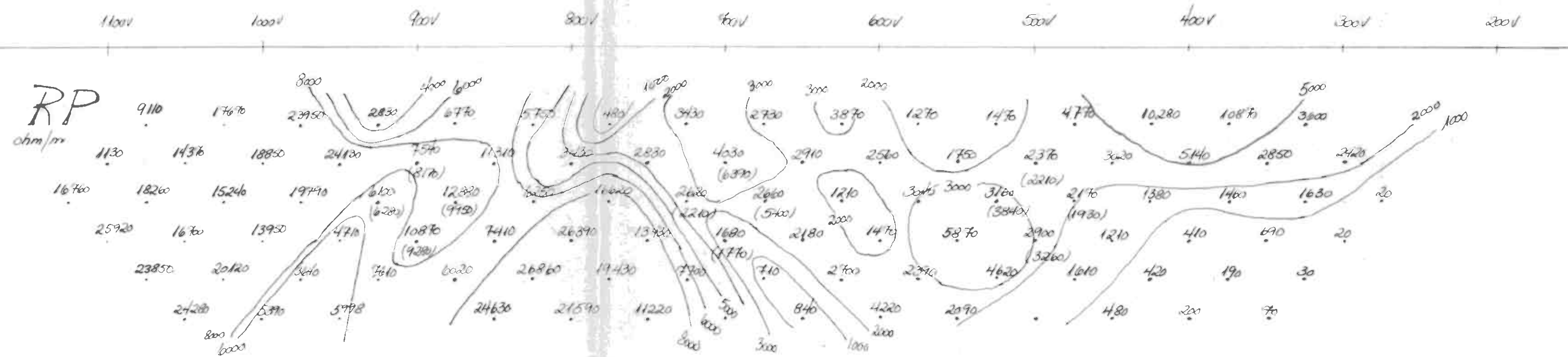
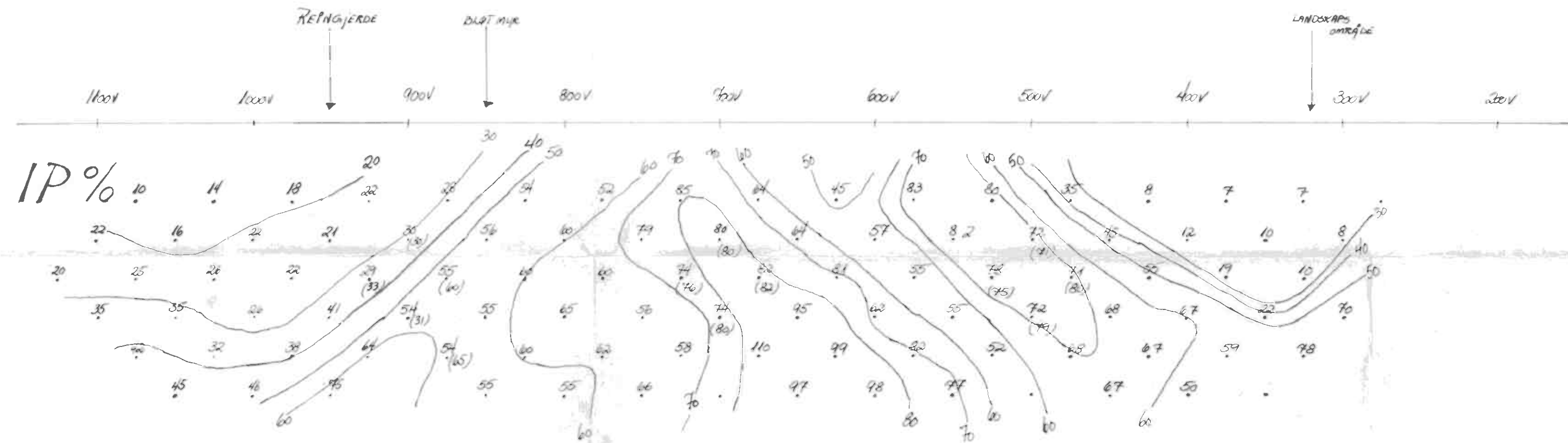
LINE 52505

Circle - Dipole $\alpha = 50m$

Date 27.1984

Scale: 1: 2500

Signature



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARGMITE-PROJECT - N - 82-5

BRENNJOLA

IP-SURVEY LINE 54005

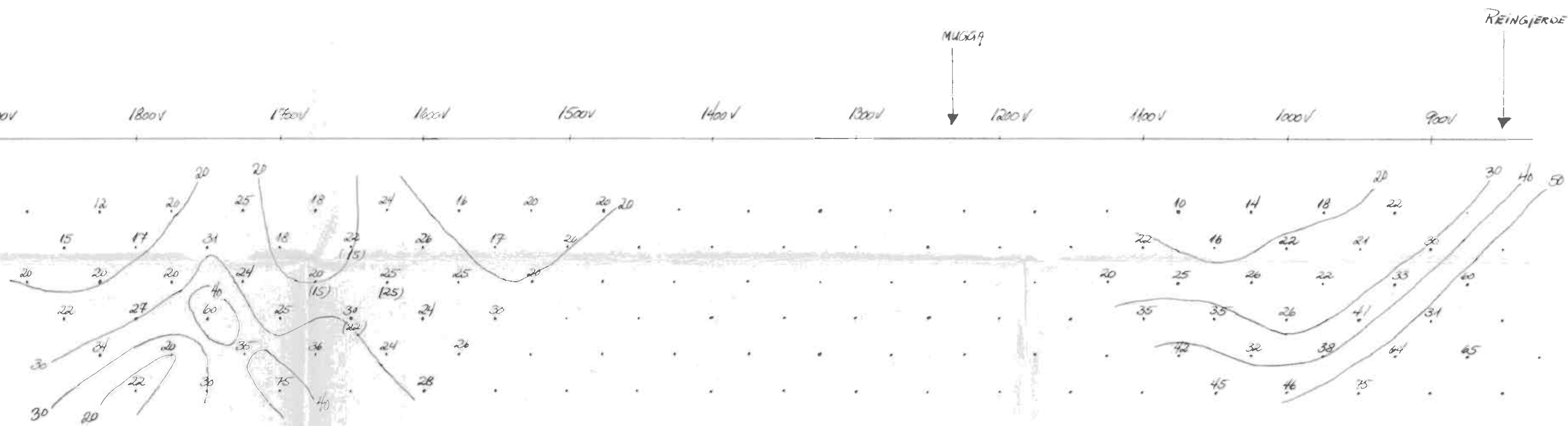
DIPOL - DIPOL $\alpha = 50m$

Date 26.6.1984

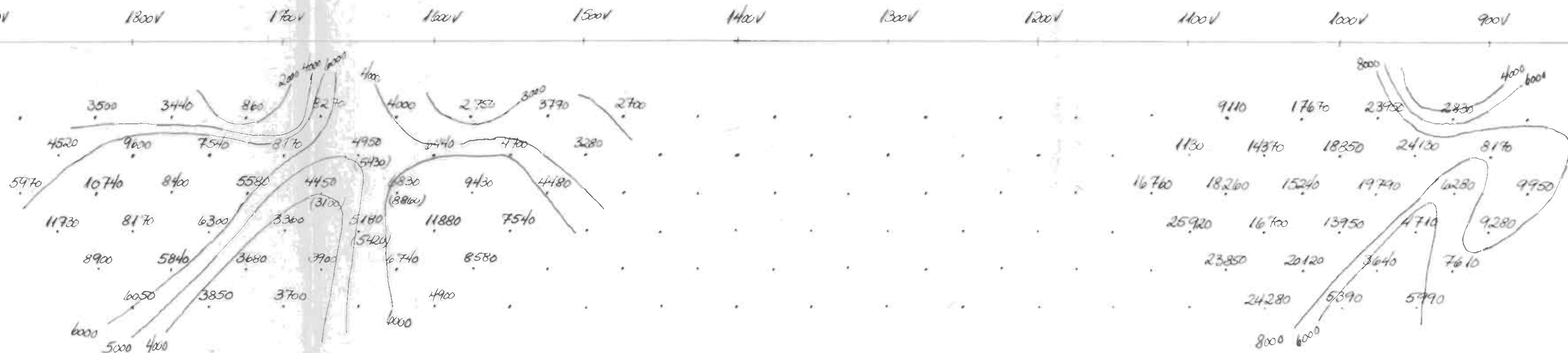
Scale: 1: 2500

Tom J. J. J.

IP%



RP



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARGMITE - PROJECT - N-82-5

BRENNVOLA
IP-SURVEY

LINE 5400S

Dipole-Dipole $\alpha = 50m$

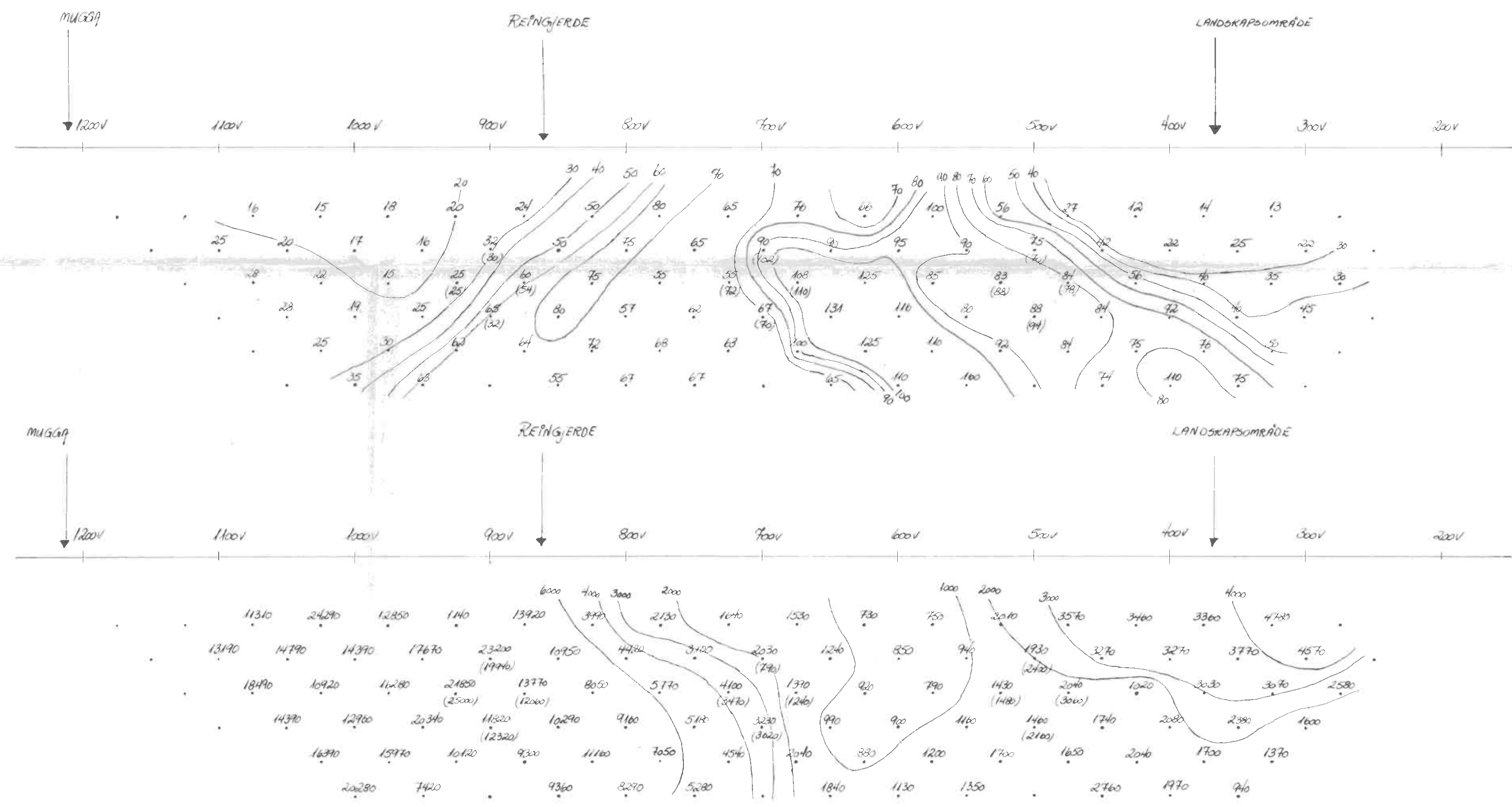
Date 26/6-84

Scale: 1: 2500

Joe. Duha

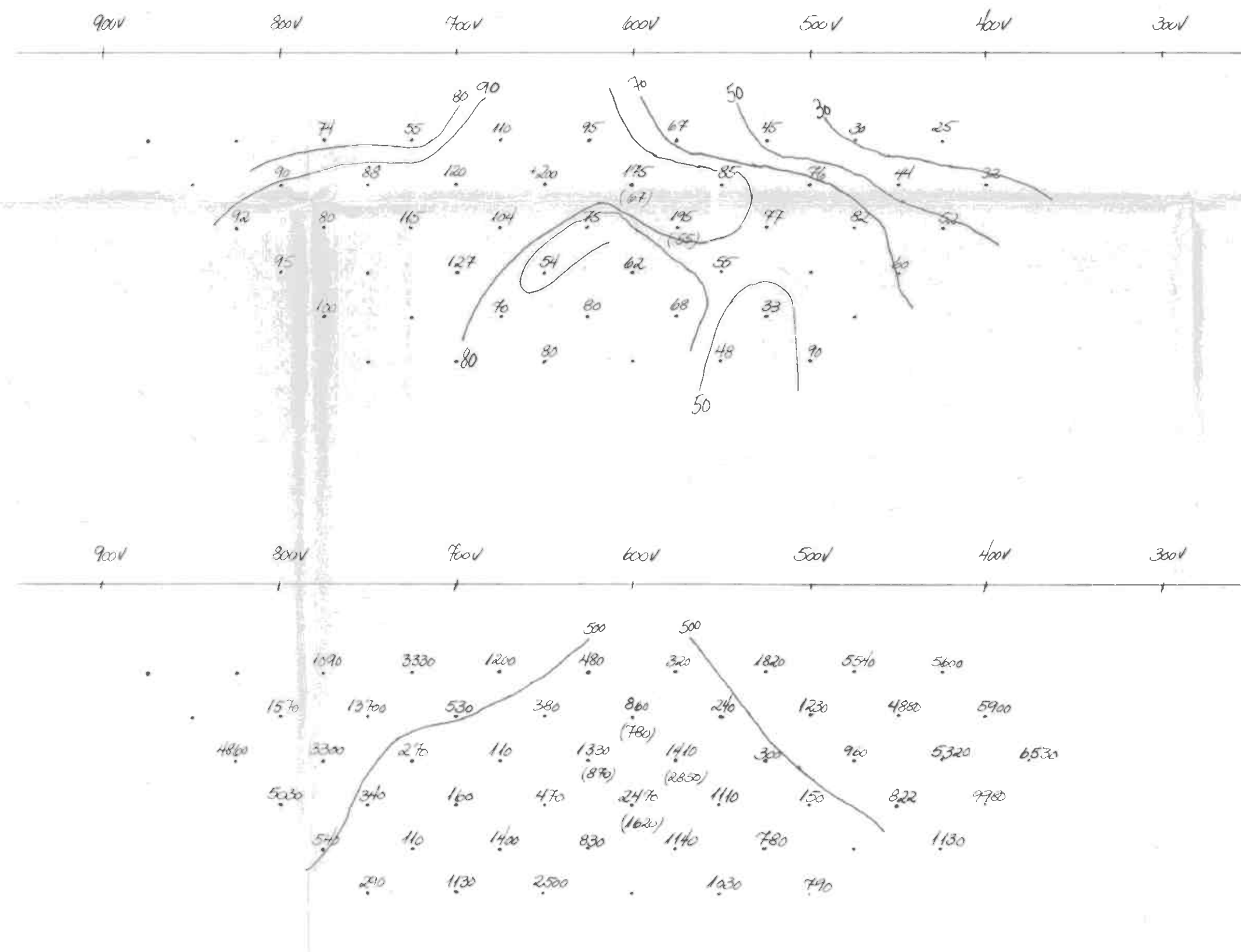
IP%

RP dm/m



FOLLDAL VERK A/S - AMOCO NORWAY J.V.		
SPARGMITE-PROJECT - N-82-5		
BRENNVOLA		
IP-SURVEY		
Line 55505		
Dipole-Dipole $a=50m$		
Date 27.1984	Scale: 1: 2500	For Survey

RP *ohm/m*



SPARGMITE- PROJECT - N-82-5

BRENNVOLA
IP-SURVEY

LINE 57005

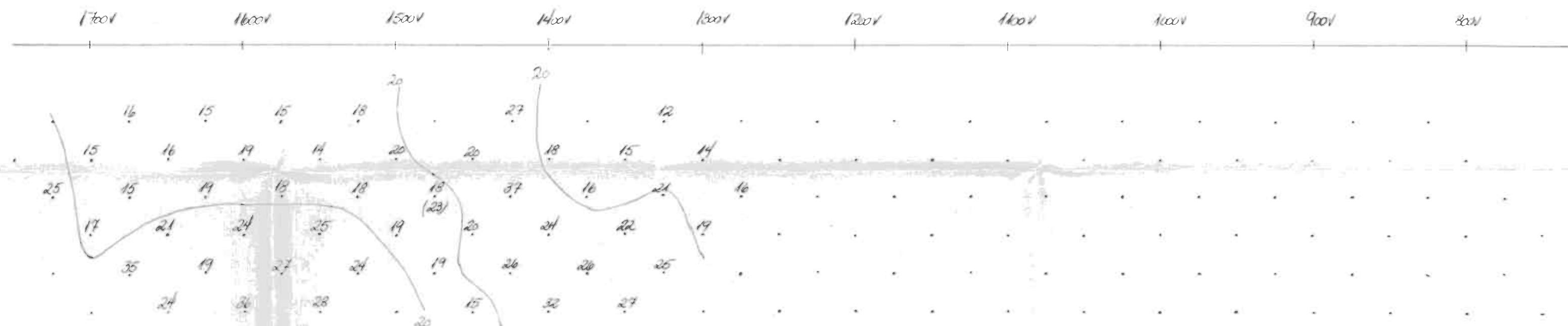
Dipole - Dipole $a = 50 \text{ nm}$

Date 26.6.1984

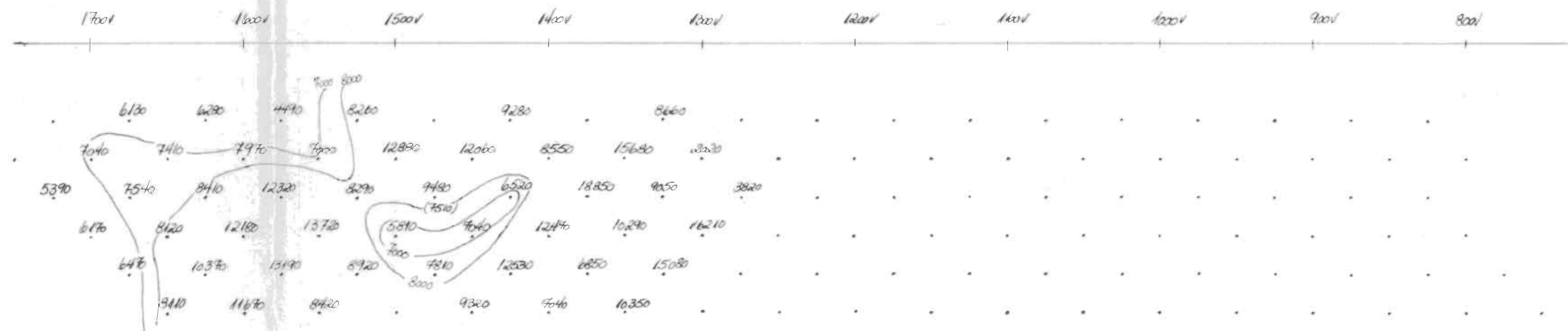
Scale: 1: 250

For further

IP%



RP



VANNKANT 1725V

REINGJERDE

LANDSKAPSGRANSE

IP%

VANNKANT 1725V

REINGJERDE

LANDSKAPSGRANSE

RP_{ohm/m}

FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARGMITE- PROJECT - N-82-5

BRENNVOLA

IP-SURVEY

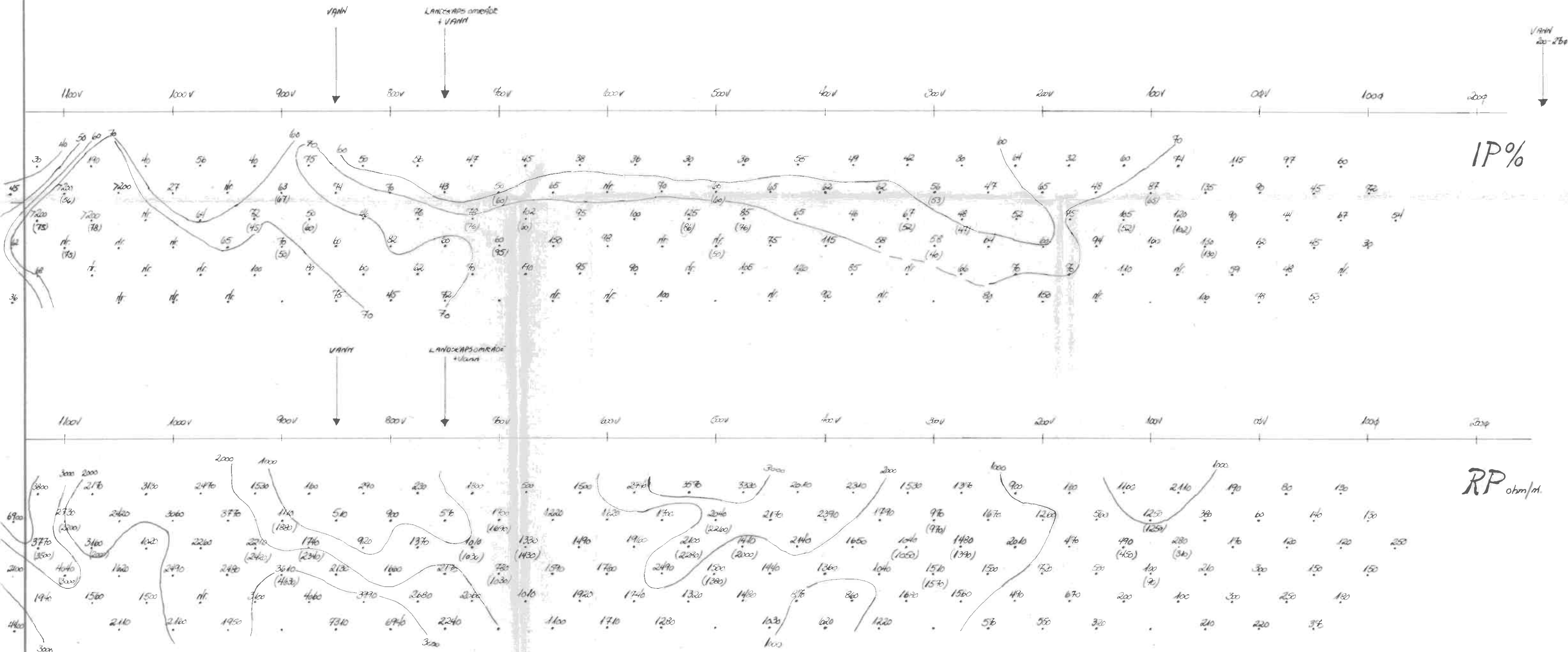
LINE 60005

circle - circle $\alpha=50m$

Date 29.6.1984

Scale: 1: 2500

Handwritten signature



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARGMITE-PROJECT - N-82-5

BRENNVOLA

IP-SURVEY LINE 63005

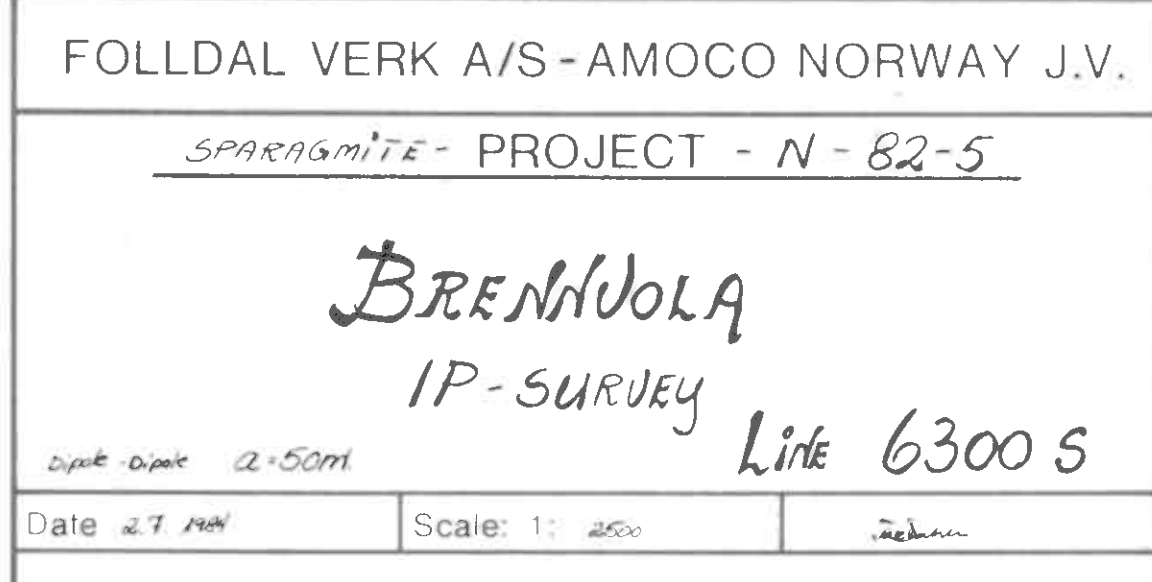
Dipole-Dipole $a=50m$

Date 29.6.1984

Scale: 1: 2500

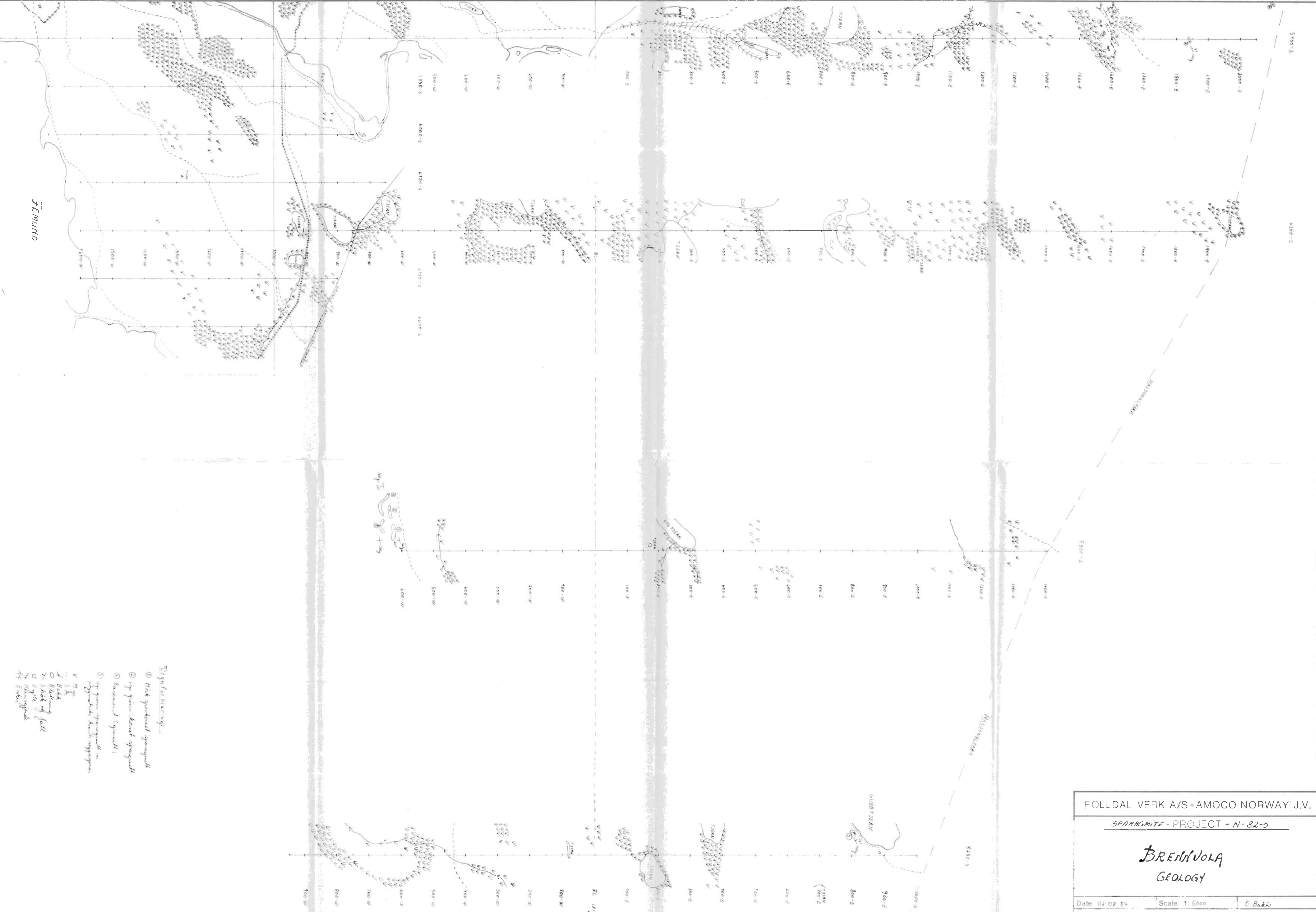
Redrawn

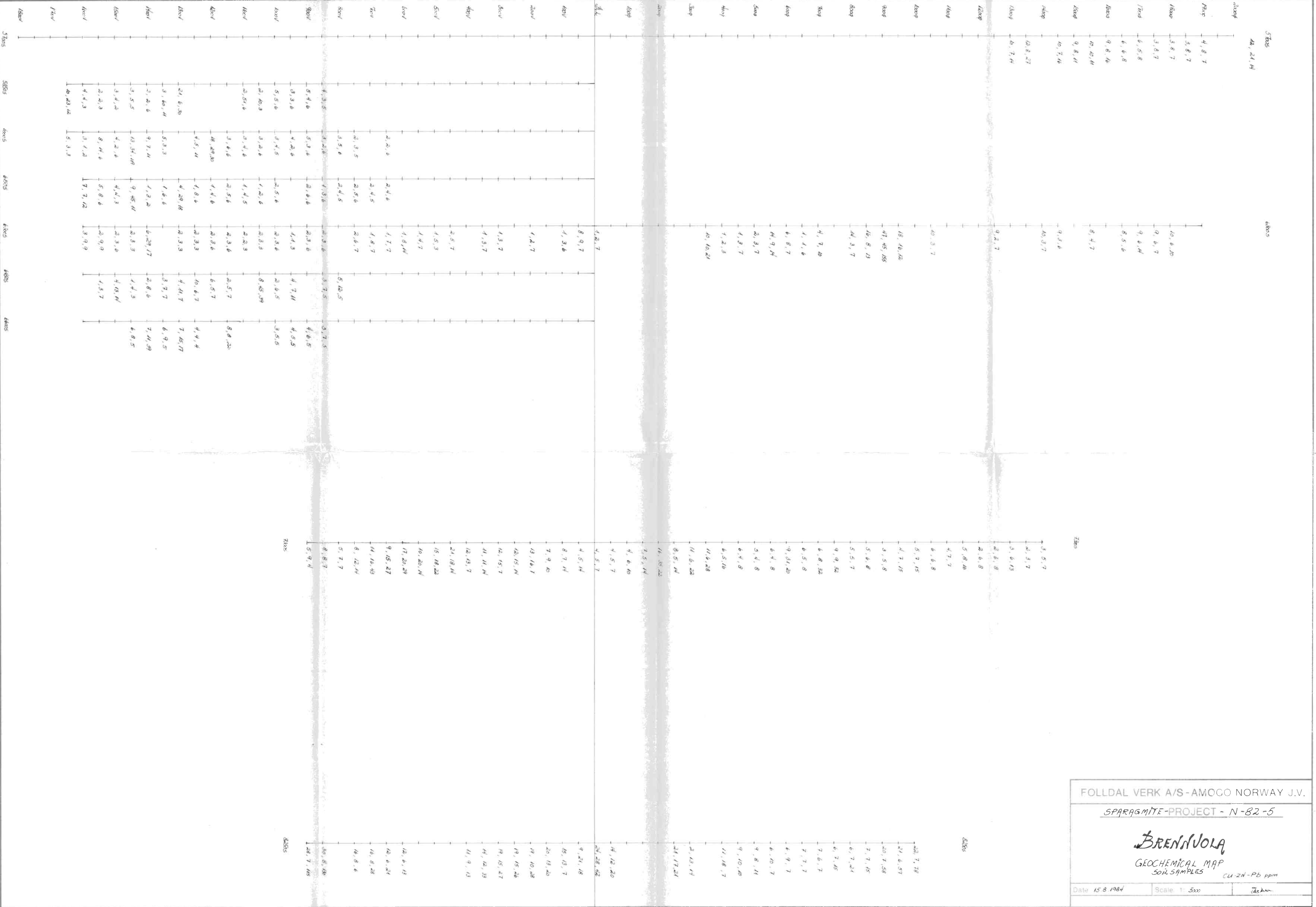
RP ohm/m.



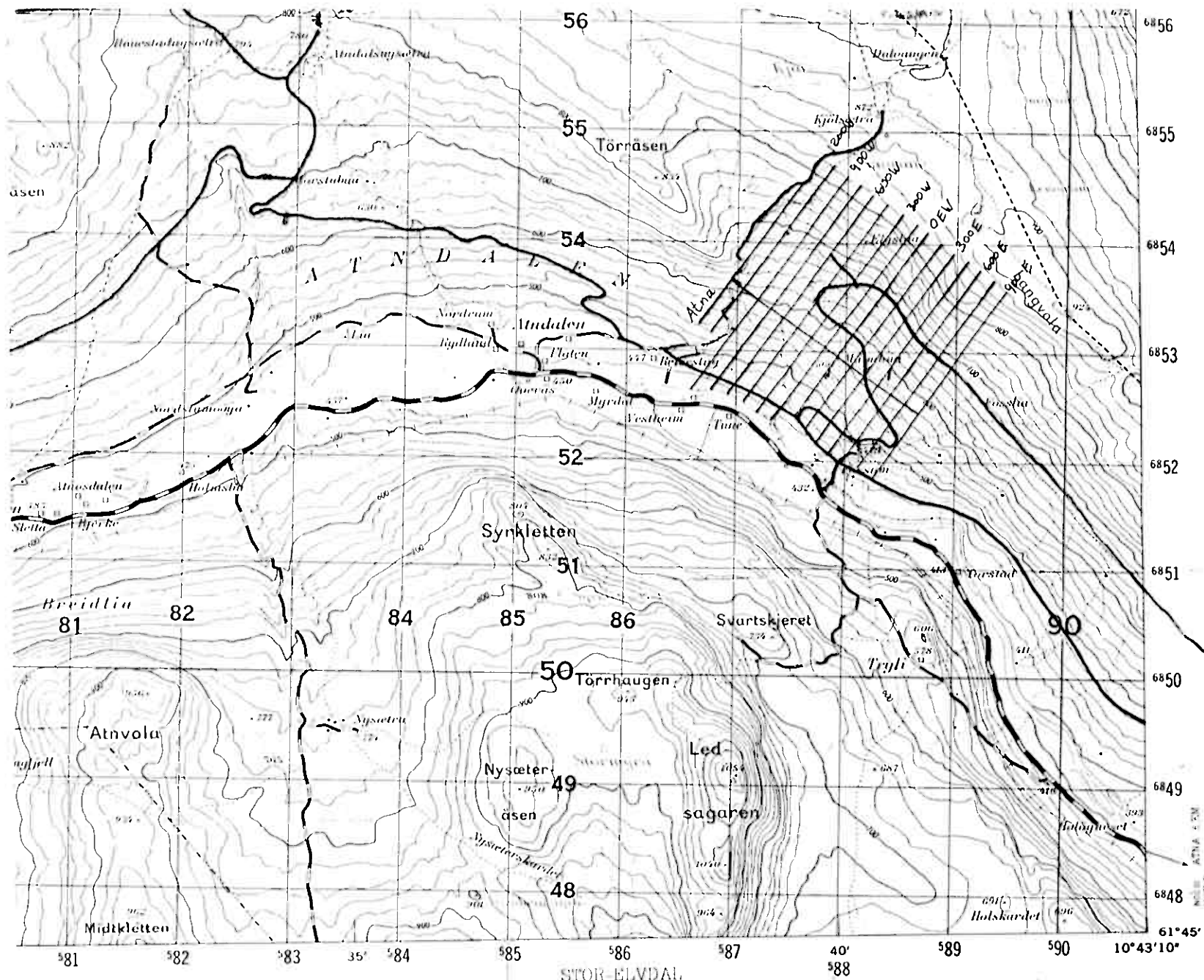
Brenuola
Ecology/behavior.

FOLLDAL VERK A/S - AMOCO NORWAY J.V.		
SPARGMITE - PROJECT - N-82-5		
BRENNVOLA GEOLOGY		
Date 02.07.84	Scale: 1:5000	O. Bakke

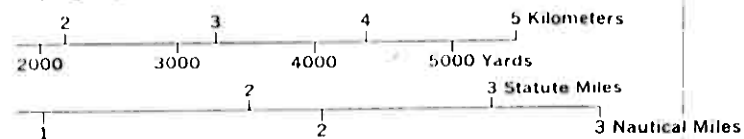




ATNA

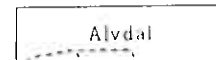


Scale 1 : 50 000



ORDLISTE-GLOSSARY

a aust east n nordre northern



Map Sheet 1818 I

SOLLIA

1 : 50 000

Atina
Geology



Legende:

- | | | |
|---|--|----------------|
| | SKIFRIG ARKOSE ofte foldet | SOLLIA FM. |
| | GROVKORNET ARKOSE | |
| | FYLLITT karbonatholdig | |
| | FINKORNET ARKOSE grønn | ? |
| | MÖRK KVARTSITT stedvis m. spor av blygl. Potensiell malm-bergart | VANGSÅS FM. |
| | LYS KVARTSITT stedvis m. spor av blygl. | |
| | KONGLOMERAT polymikt og stedvis grafittisk | MOELV TILLITT? |
| | LYS GROVKORNET ARKOSE | |
| | GRAFITTSKIFER OG GRAFITTSK KVARTSITT stedvis m. pyrite og blygl. | BIRI FM. |
| | KALKSTEIN delvis uren og skifrig, delvis ren og massiv | |
| | MÖRK GROVKORNET ARKOSE m. linser og lag av skifer | RENDALEN FM. |
| | MÖRK STEDVIS SKIFRIG ARKOSE OG KVARTSITT | |
| | GROVKORNET BASALARKOSE | GRUNNFJELL |
| | GRANITT | |
| | LAVESTE SKYVEGRENSE* | |
| | SKYVEGRENSE* | |
| | NORMALFORKASTNING* | |
| | SANNSYNLIG B.A. GRENSE | |
| | MULIG B.A. GRENSE | |
| | FACIES FORANDRING | |
| | BLOTTNING | |
| | BORHULL | |
| | GEOLOGISK PROFIL | |
| | BEGRENSNING AV STIKKNINGSNETT | |
| | Pb, Cu MINERALISERING | |
| Område uten raster viser områder som ikke er undersøkt. | | |
| * Etter A. Sidlecke 1981 | | |
| + Forlengelse av skyvegrense beskrevet av J.P. Nystuen 1982 | | |

FOLLDAL VERK A/S - AMOCO NORWAY J.V.

PROJECT

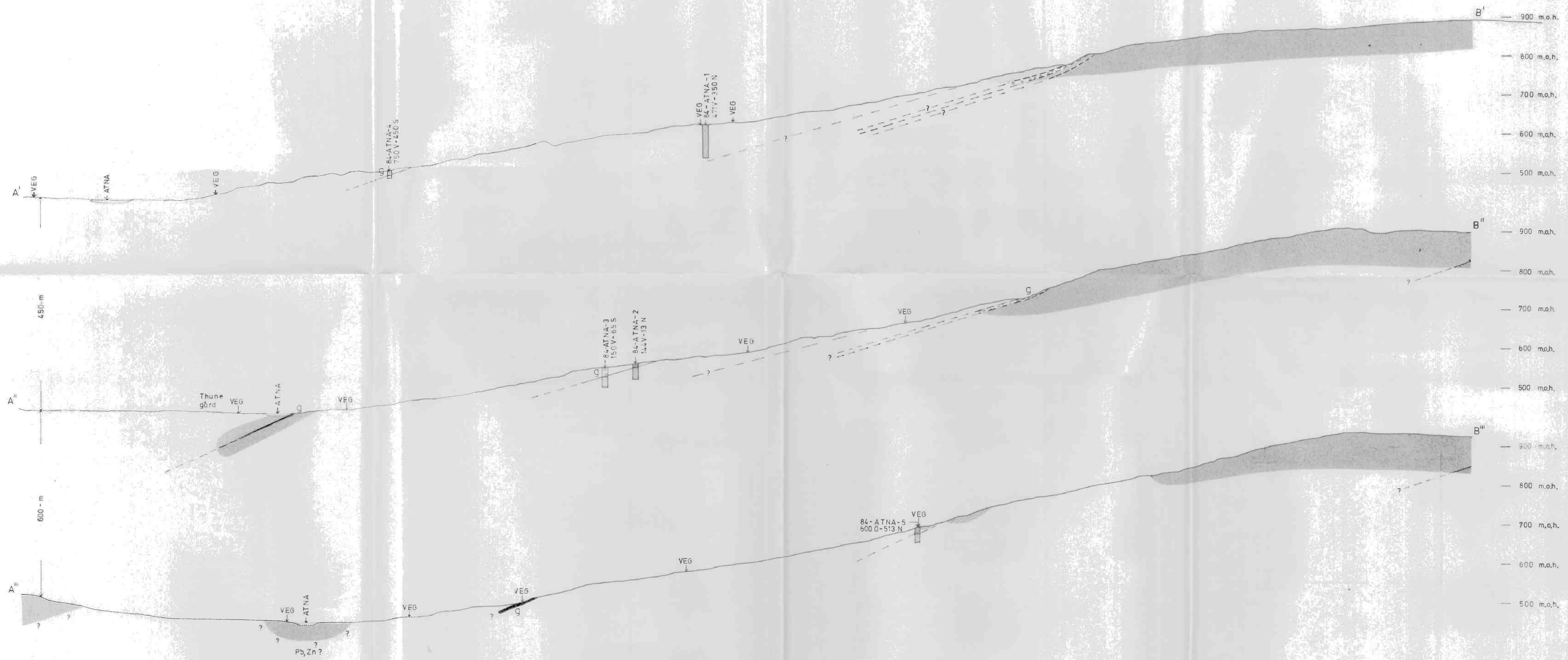
Geologisk kart ATNA

Date 08 11 84

Scale: 1:CA 25 000

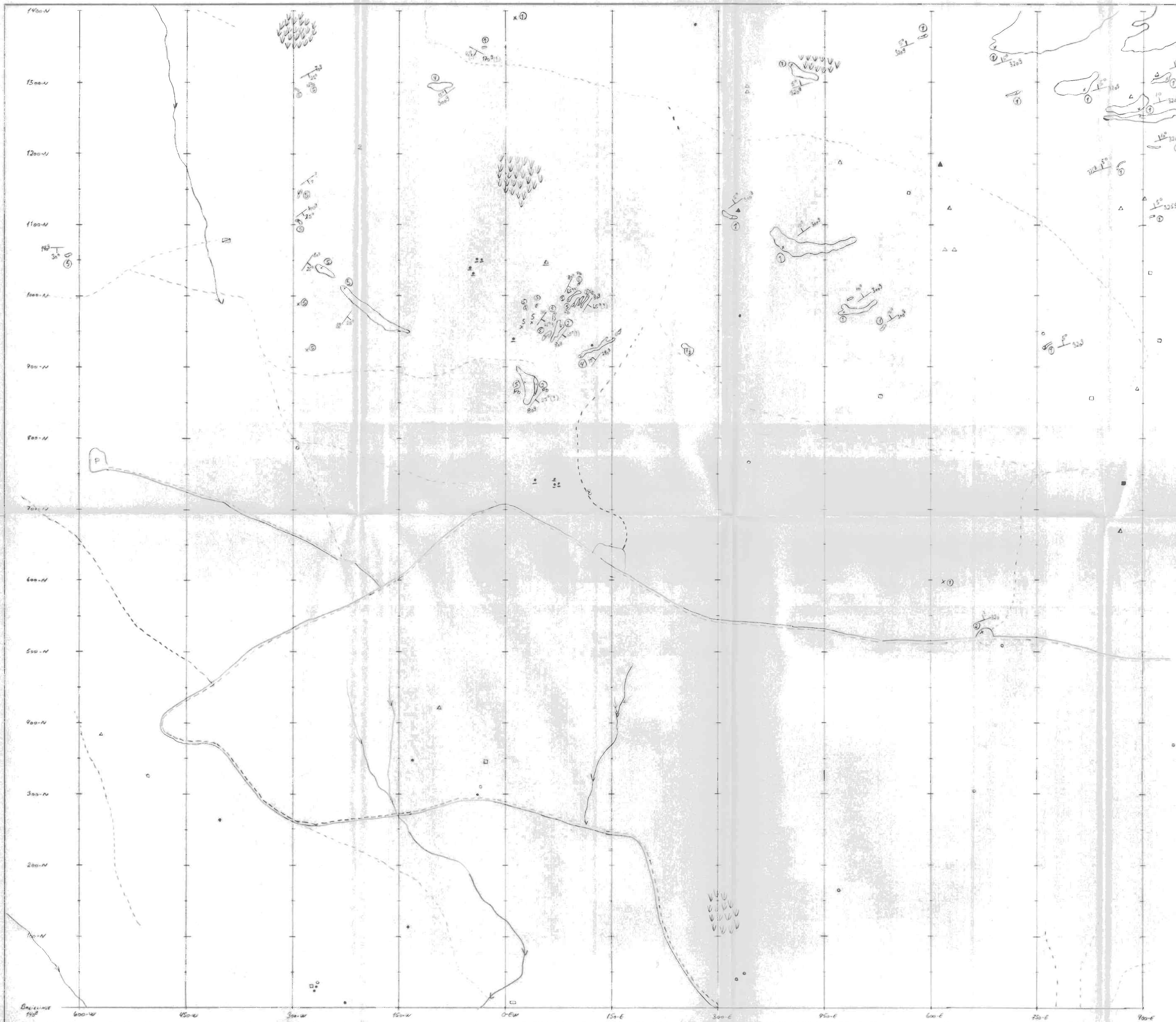
O.B.

EKVIDISTANSE 100 m



- LEGENDE
- LYS KVARTSITT
 - KONGLOMERAT
 - MÖRK SKIFRIG ARKOSE
 - FINKORNET ARKOSE
 - SVARTSKIFER
 - MÖRK KVARSITT
 - GRAPHITISK

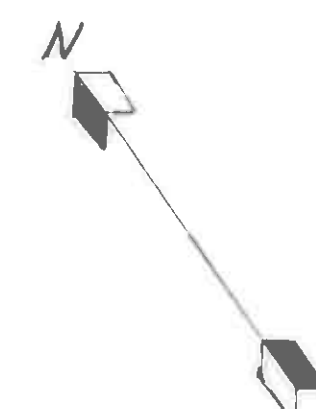
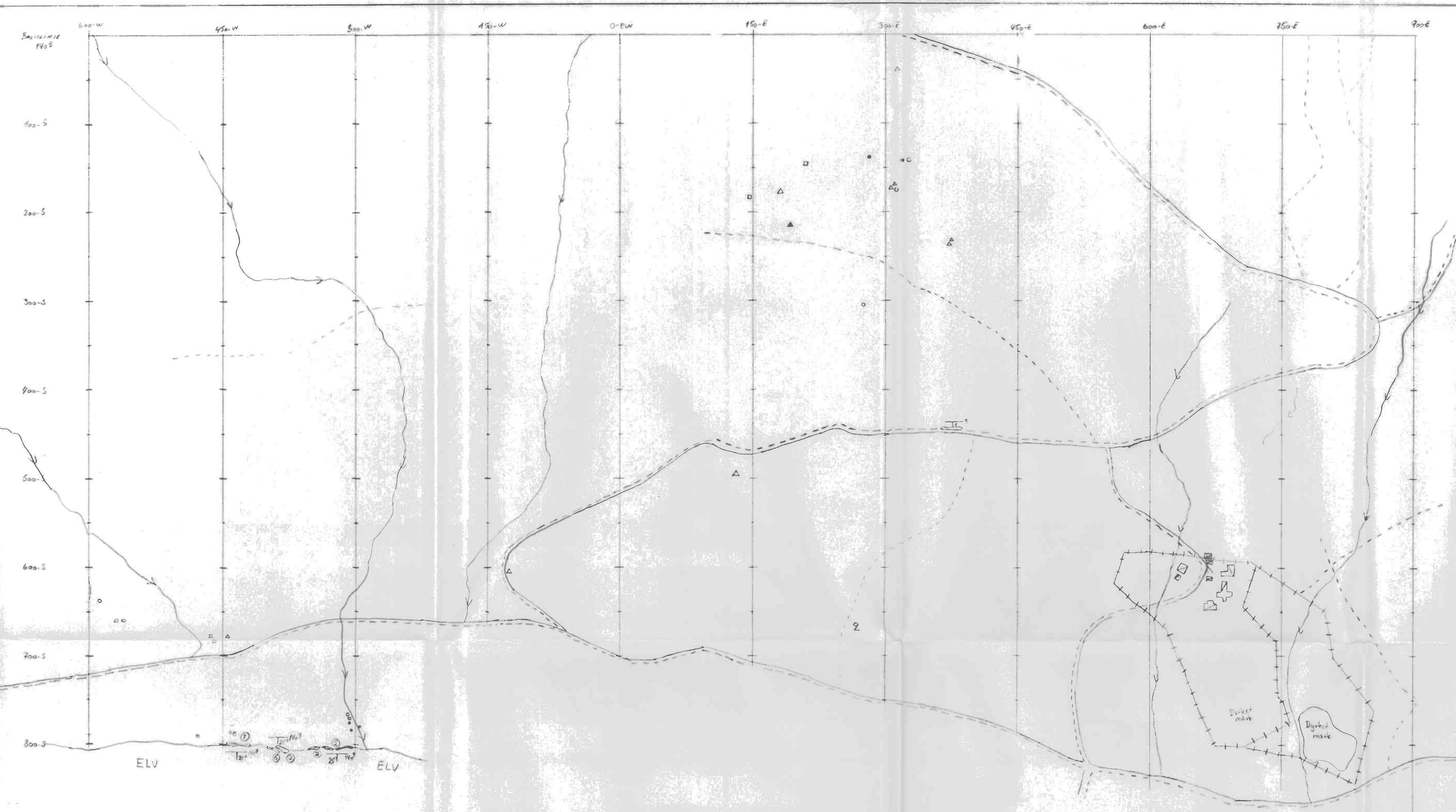
FOLLDAL VERK A/S - AMOCO NORWAY J.V.		
PROJECT		
Geologisk profil ATNA		
Date 01-11-84	Scale: 1:5000	D.B.



Tegnforklaring

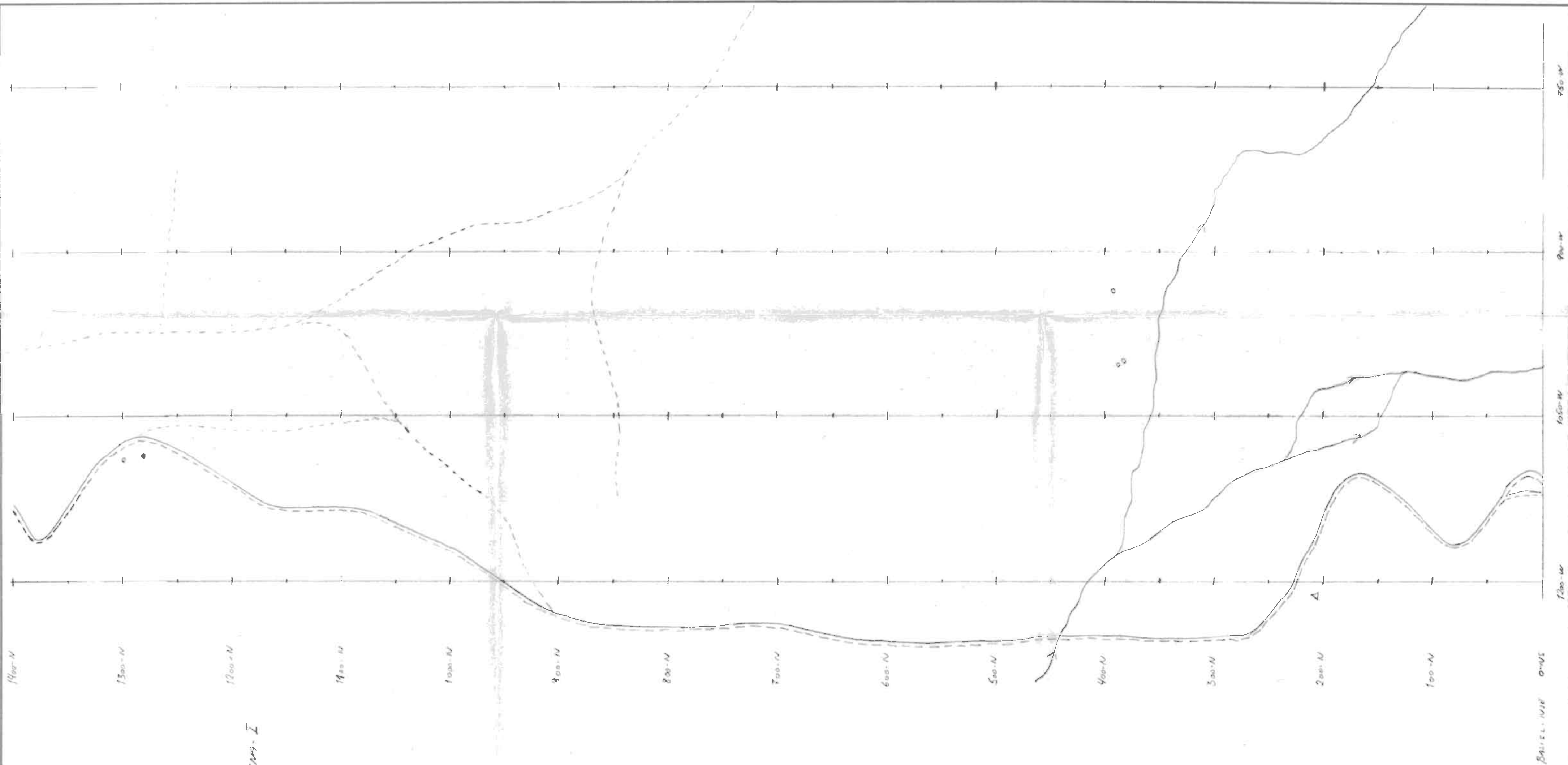
- ① Lys grå meta-sparagmit, stedvis skiflig.
- ② Mørk kvartsitt
- ③ Konglomerat, skiflig, polymikt, matricbæret, hovedsakelig endel grått.
- ④ Lys, fintkornet kvartsitt
- ⑤ Quarzitt
- - Blotning
- X - Skot/hull
- Bergartsgrense (observert)
- - - Antatt bergartsgrense
- - - Sti
- == Skogsbeite
- ++ Grense
- ≡ Hus
- g - Bekke
- - Blokk ¹/spatkin PbS
- - Blokk ¹/diss. PbS
- △ - Blokk ¹/spatkin ZnS
- ▲ - Blokk ¹/diss. ZnS
- - Blokk ¹/spatkin PbS + ZnS
- - Blokk ¹/diss. PbS + ZnS
- ⊙ - Skot under blokkblyg = Lys, fintkornet kvartsitt
- Ven skot under : Mørk kvartsitt
- Ⓟ - Parkeringsplass / snuplass
- Pb - Blyglansmineralisering i fast fjell

FOLLIDAL VERK A/S - AMOCO NORWAY J.V.		
SPARAGMITE - PROJECT N-82-5		
ATNA-I		
Geology		
Date 15/9-84	Scale: 1: 2500	SS.



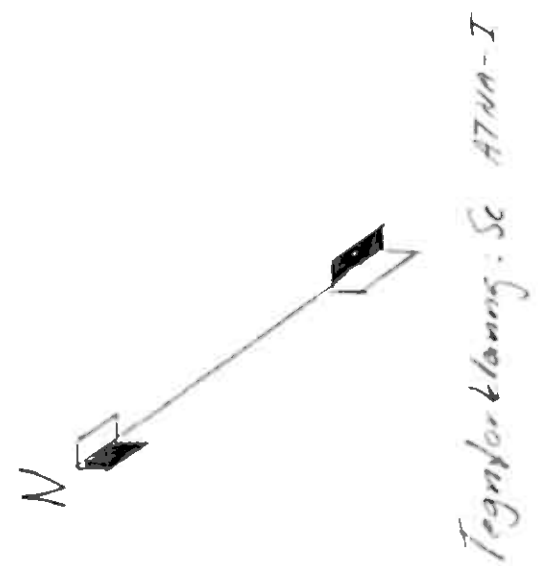
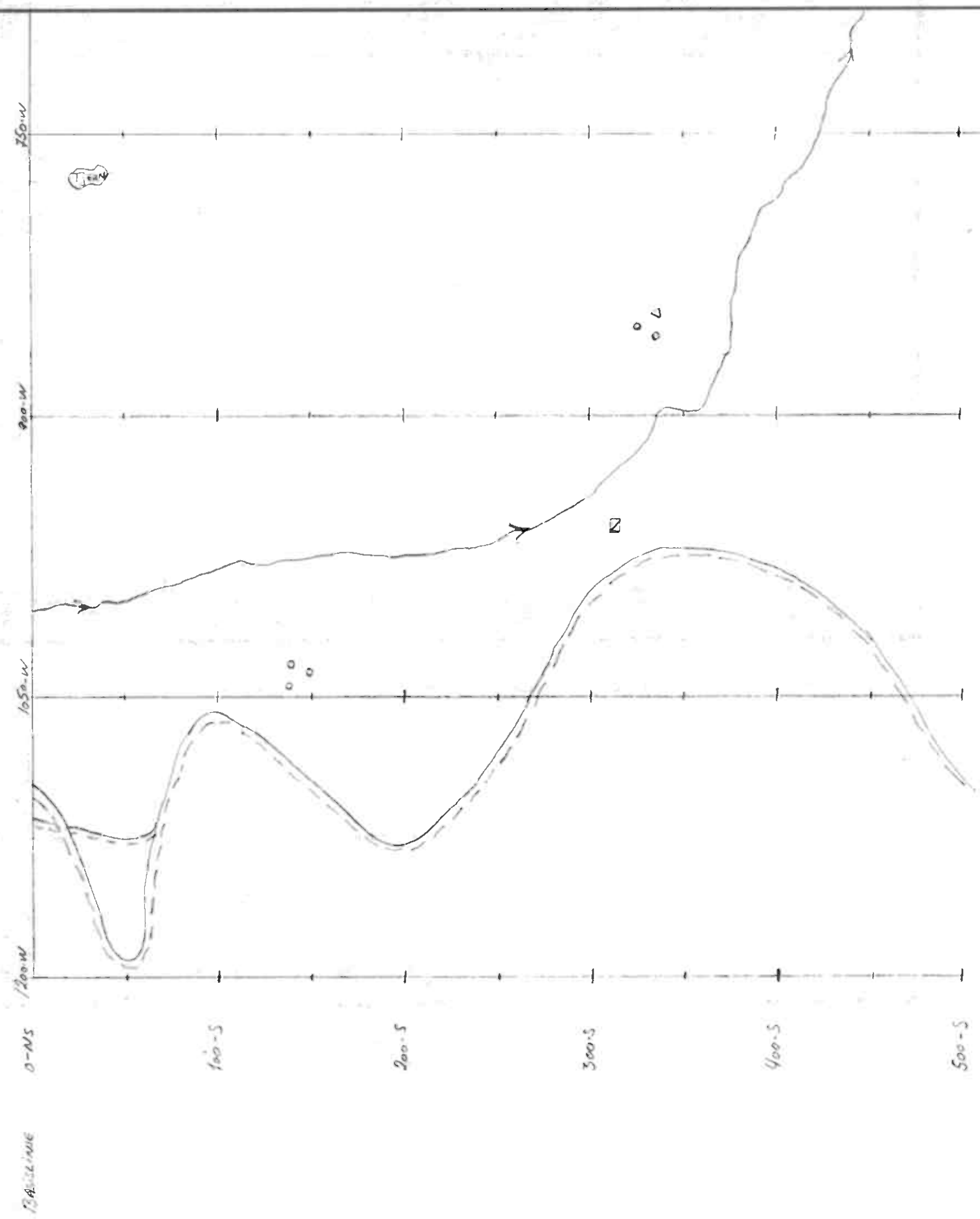
Tegnefortelling: Se ATNA I

FOLLDAL VERK A/S - AMOCO NORWAY J.V.		
SPARAGMITE - PROJECT IV-82-5		
ATNA - II		
Geology		
Date 30/6-84	Scale: 1:2500	SS

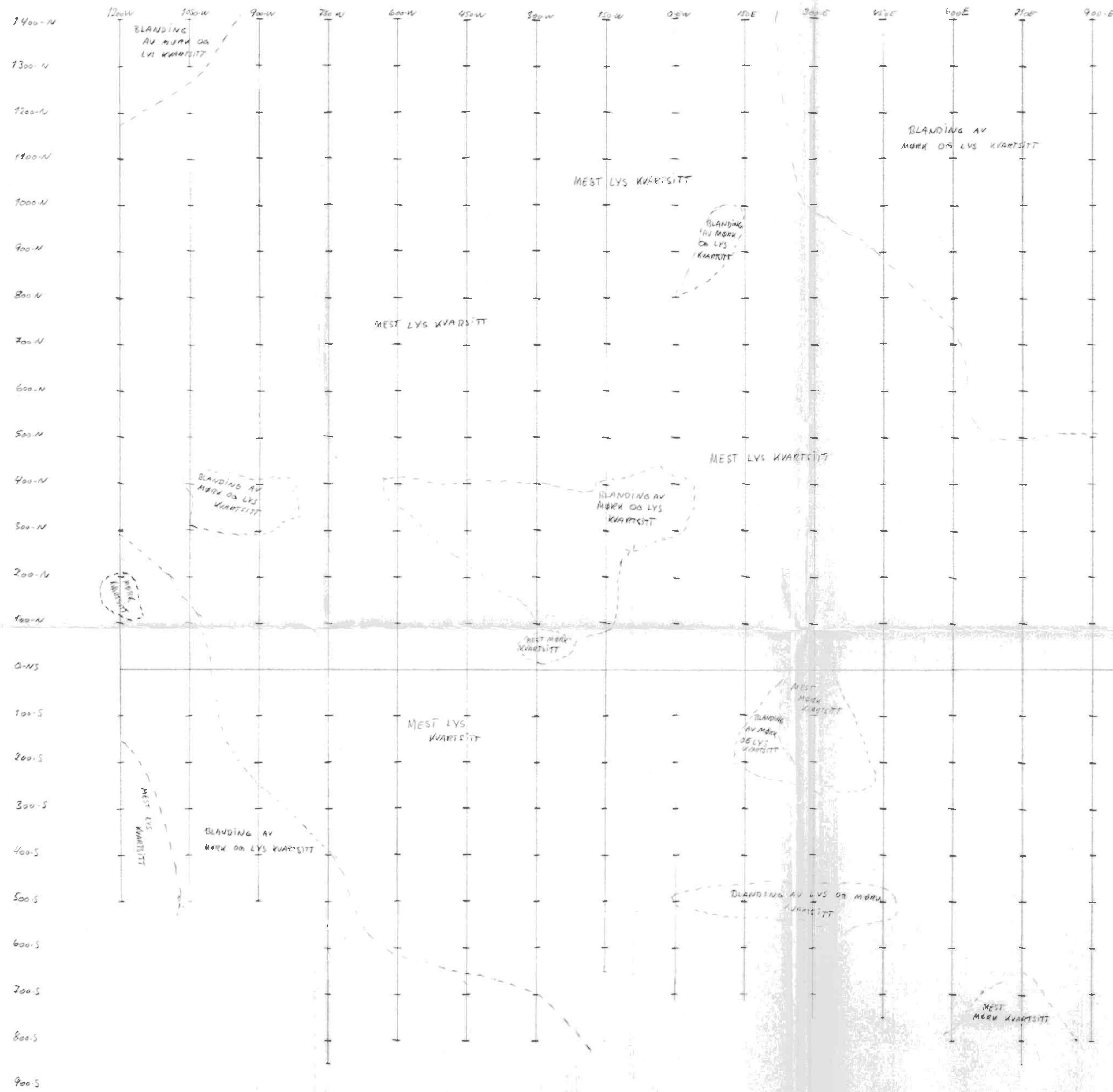


Tegnfurðlarveg, Se. Anna. I

FOLLDAL VERK A/S - AMOCO NORWAY J.V.		
<u>SPARGMITE - PROJECT</u>		
ATNA - III		
Geology		
Date 15/2-84	Scale: 1: 2500	S.S.



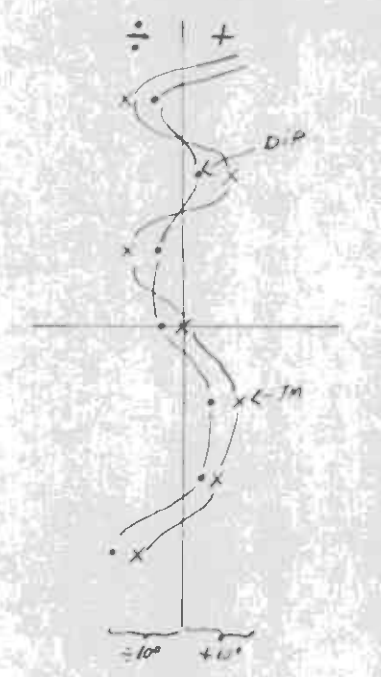
FOLLDAL VERK A/S - AMOCO NORWAY J.V.		
<u>SPARGMITE - PROJECT N-82-5</u>		
ATNA - IV		
Geology		
Date 15/2-84	Scale: 1: 2500	SS



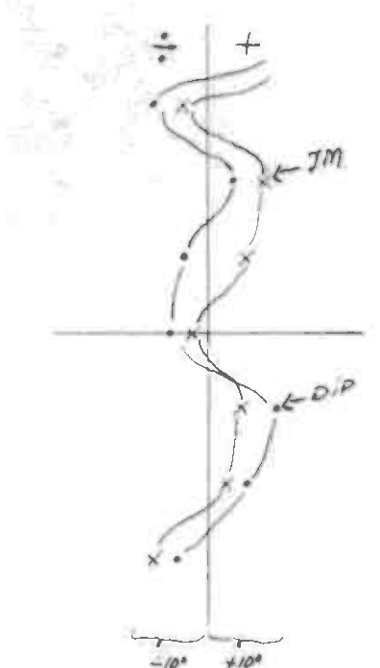
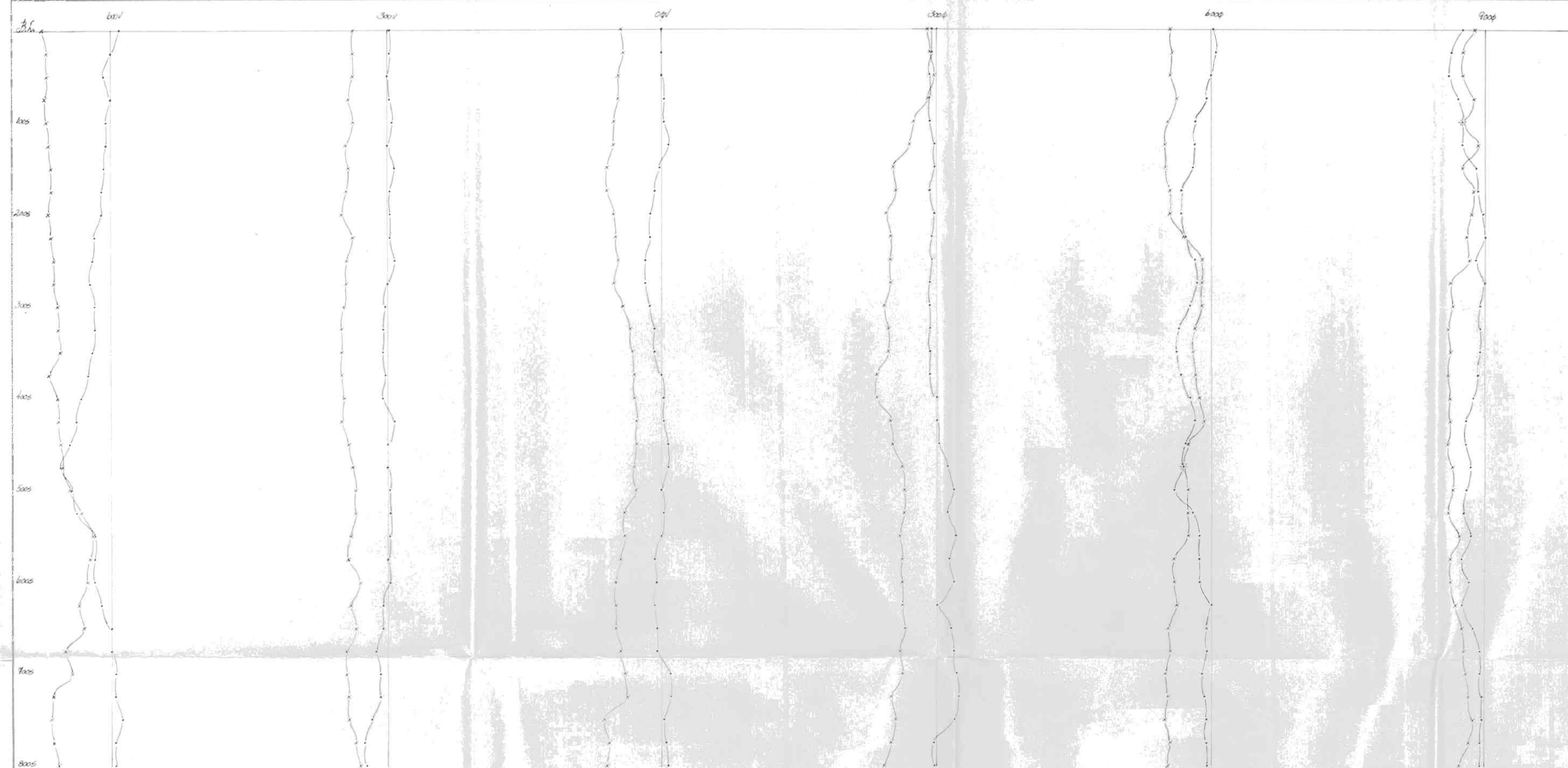
Tegnforklaring:
- Angivelse av forskjellige
blokktyper / bergartstyper

FOLLDAL VERK A/S - AMOCO NORWAY J.V.		
SPAROMITE - PROJECT 11-82-5		
ATNA		
OVERSIKT OVER BLOKKFORDELINGEN I OMRÅDET		
Date 15/4-84	Scale: 1:5000	SS

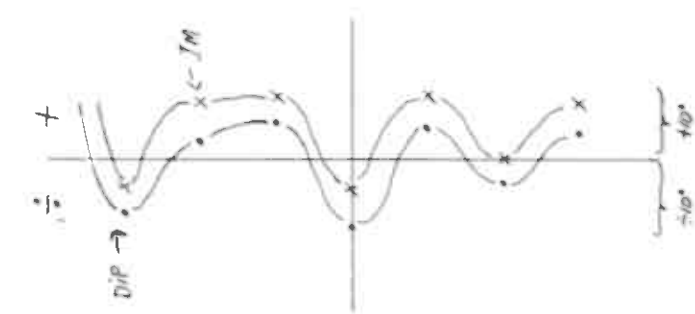
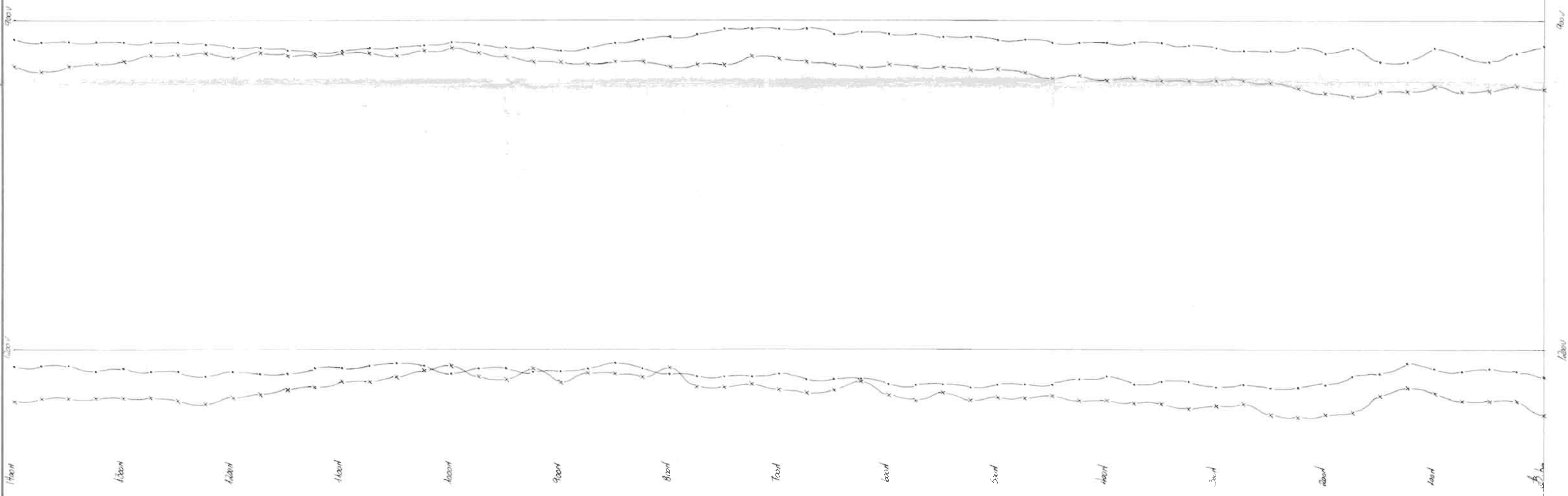
Atha
VLF



FOLLDAL VERK A/S - AMOCO NORWAY J.V.		
SPARGSMITE - PROJECT - N-82-5		
ATNA		VLF
Date: 25.7.1984	Scale: 1: 2500	Author: J. H. H. H.



FOLLDAL VERK A/S-AMOCO NORWAY J.V.		
SPARGMITE - PROJECT - N-82-5		
AJNA		VLF
Date 25.7.1984	Scale: 1:250	Scale: 1:250



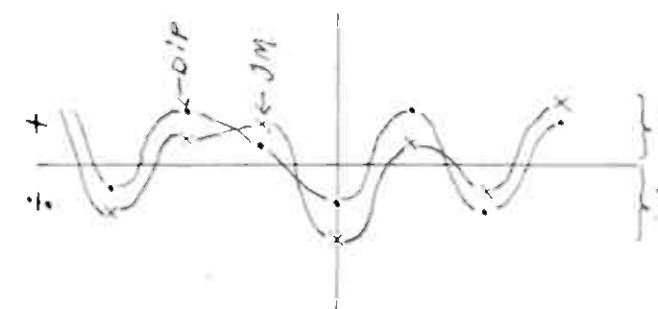
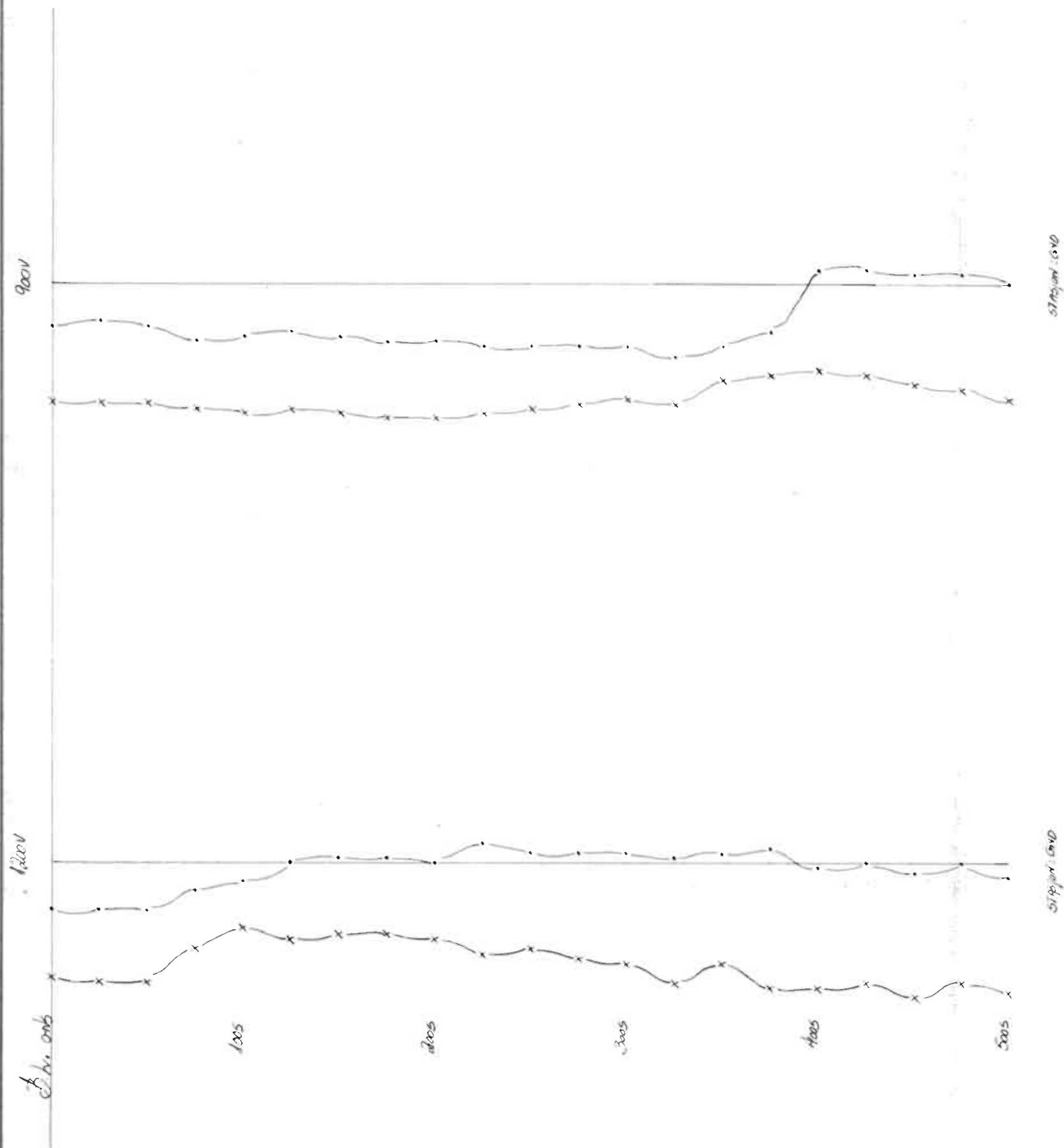
FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARGMITE - PROJECT - N-82-5

ATNA VLF

Date 25.7.1984 Scale: 1: 2500

1200-1400
1400-1600



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARGMITE - PROJECT - N-82-5

ATNA

VLF

1000 900V
1000 500V

Date 25.7.84

Scale: 1: 2500

See notes

Atua
becheu.



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARGMITE - PROJECT - N-82-5

ATNA

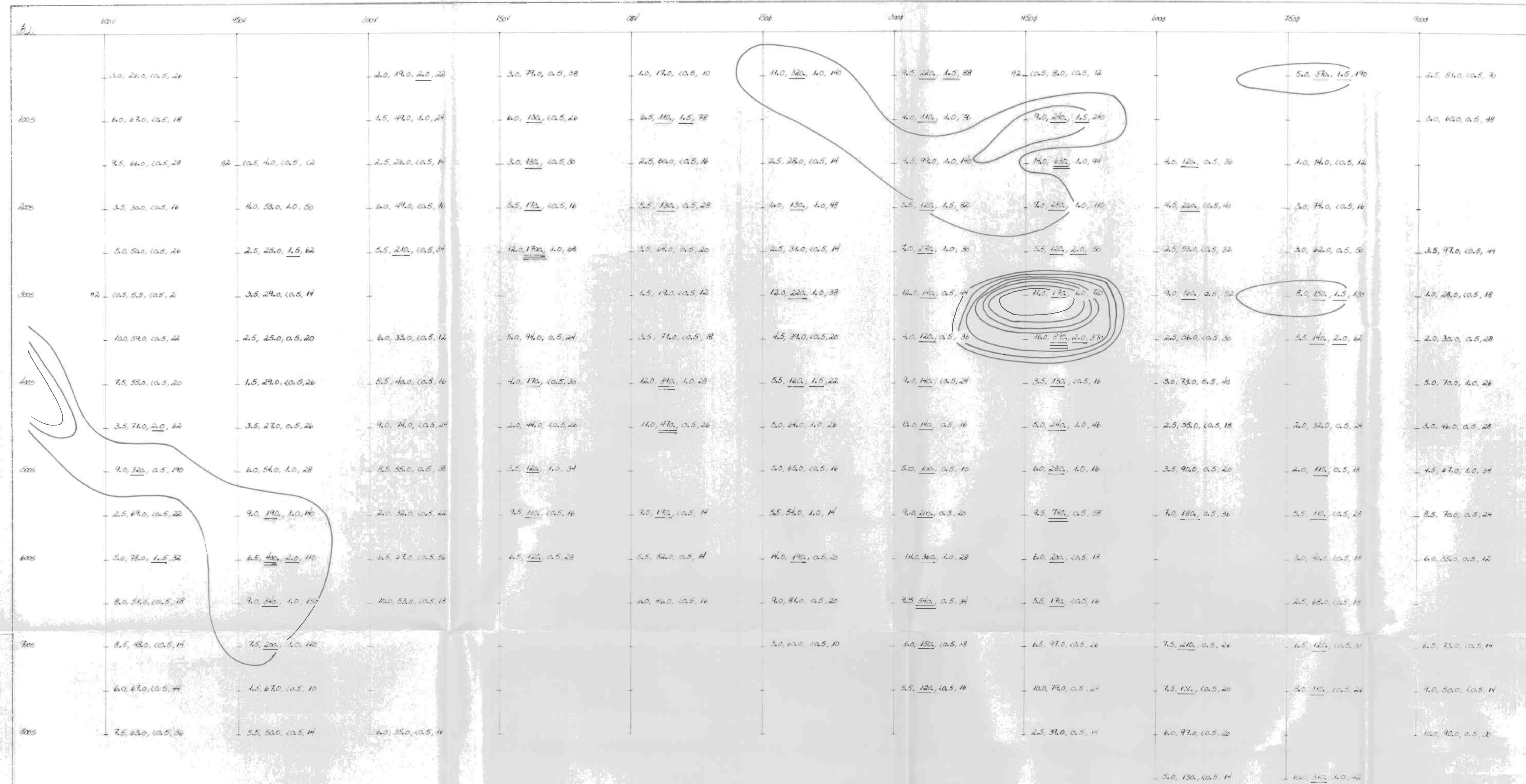
GEOCHEMICAL MAP

SOIL SAMPLES CU-ZN-PB

Scale 1:2500

Date 14.8.1989

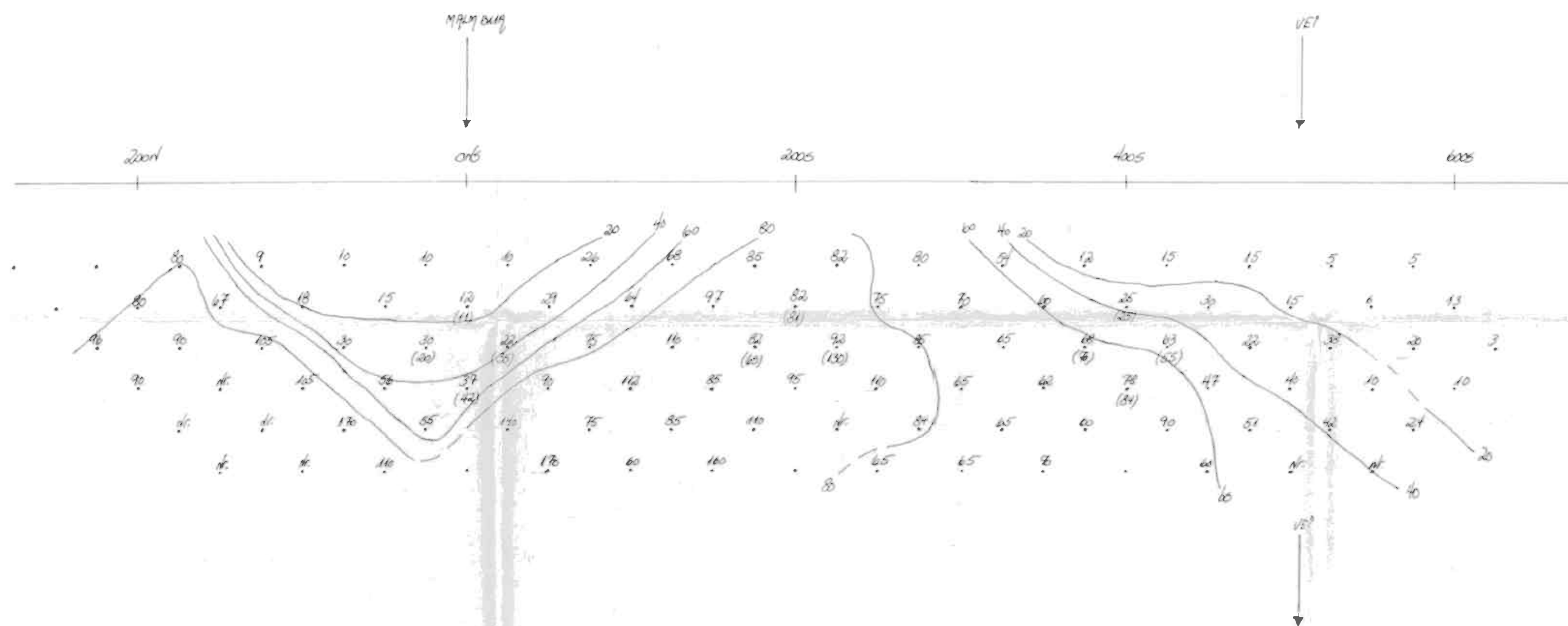
Author T. J. J. J.





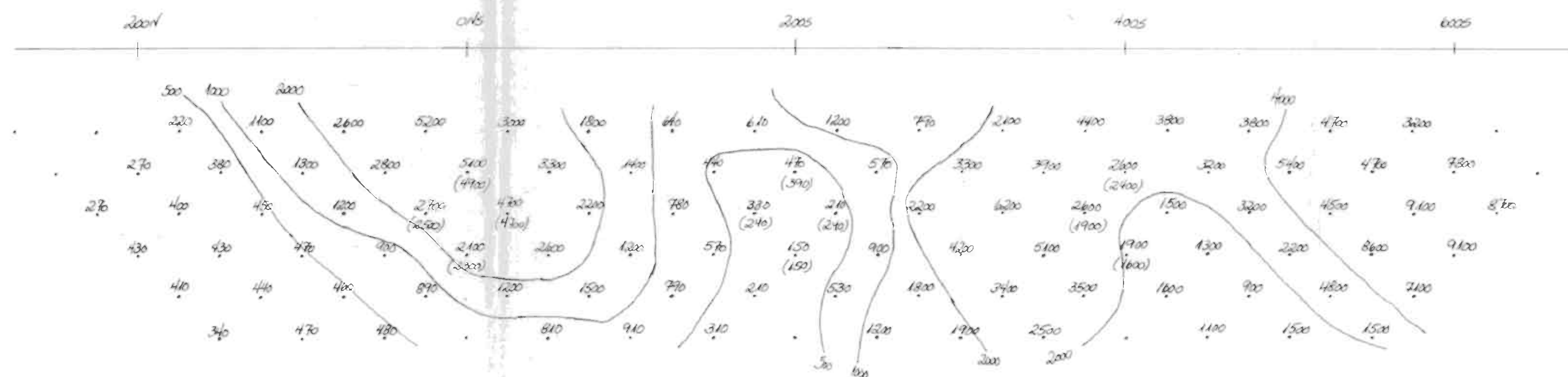
Athua
IP-Survey

IP%



RP

ohm/m



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARGMITE - PROJECT - N-82-5

ASNA

IP - SURVEY LINE 00V

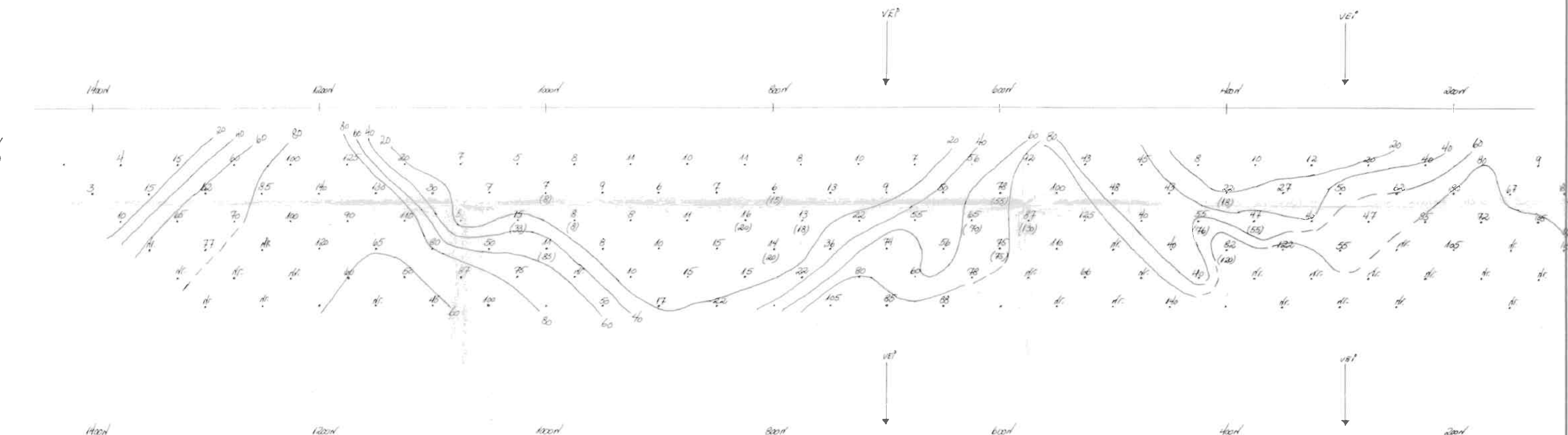
D-POLE-D-POLE Q=50 mV

Date 15.8.1984

Scale: 1:2500

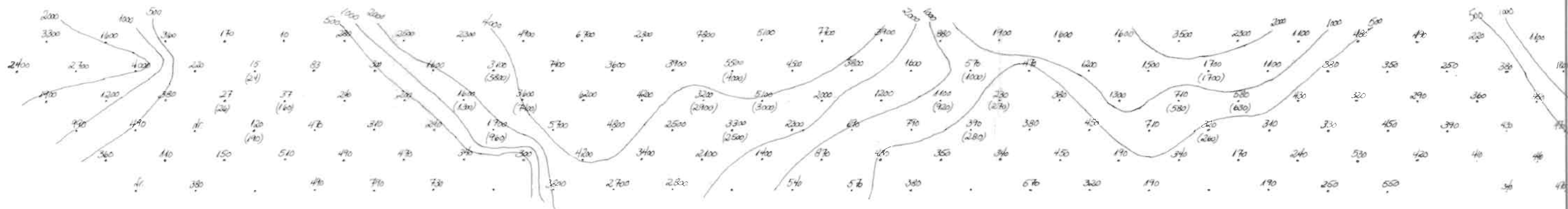
Jørn Døren

IP%



RP

ohm/m



FOLLDAL VERK A/S-AMOCO NORWAY J.V.

SPARGMITE-PROJECT - N-82-5

ATNA

IP - SURVEY LINE ØFV

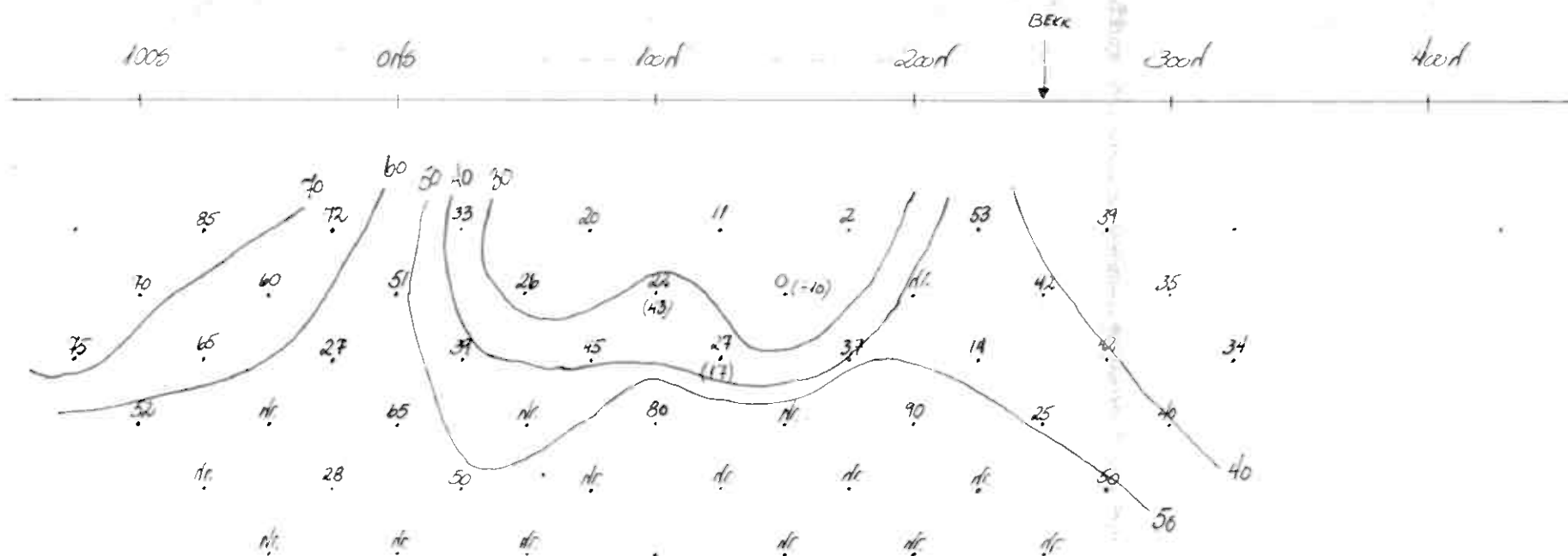
DIPOL-DIPOL $\alpha = 50m$

Date 15.8.1984

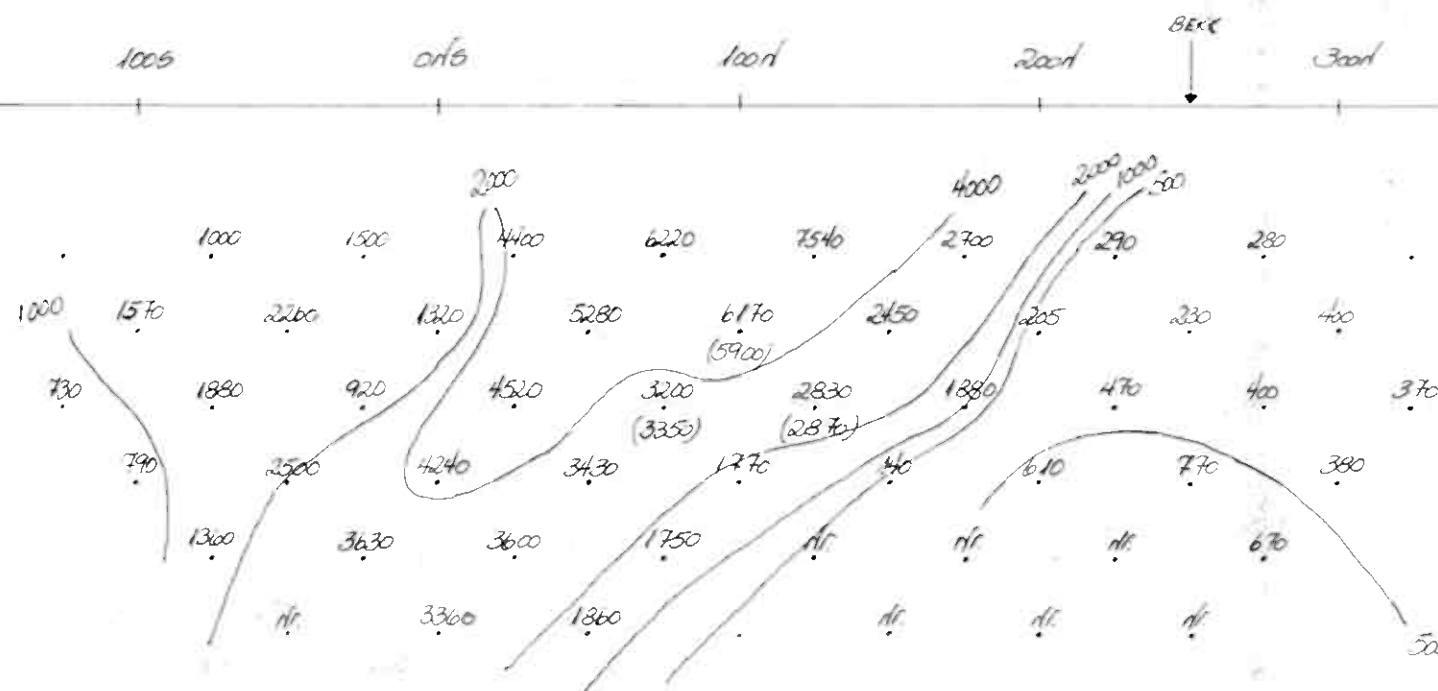
Scale: 1:2500

W. J. H.

IP%



RP ohm/m



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARGMITE-PROJECT - N-82-5

ATNA

IP-SURVEY

LINE 150V

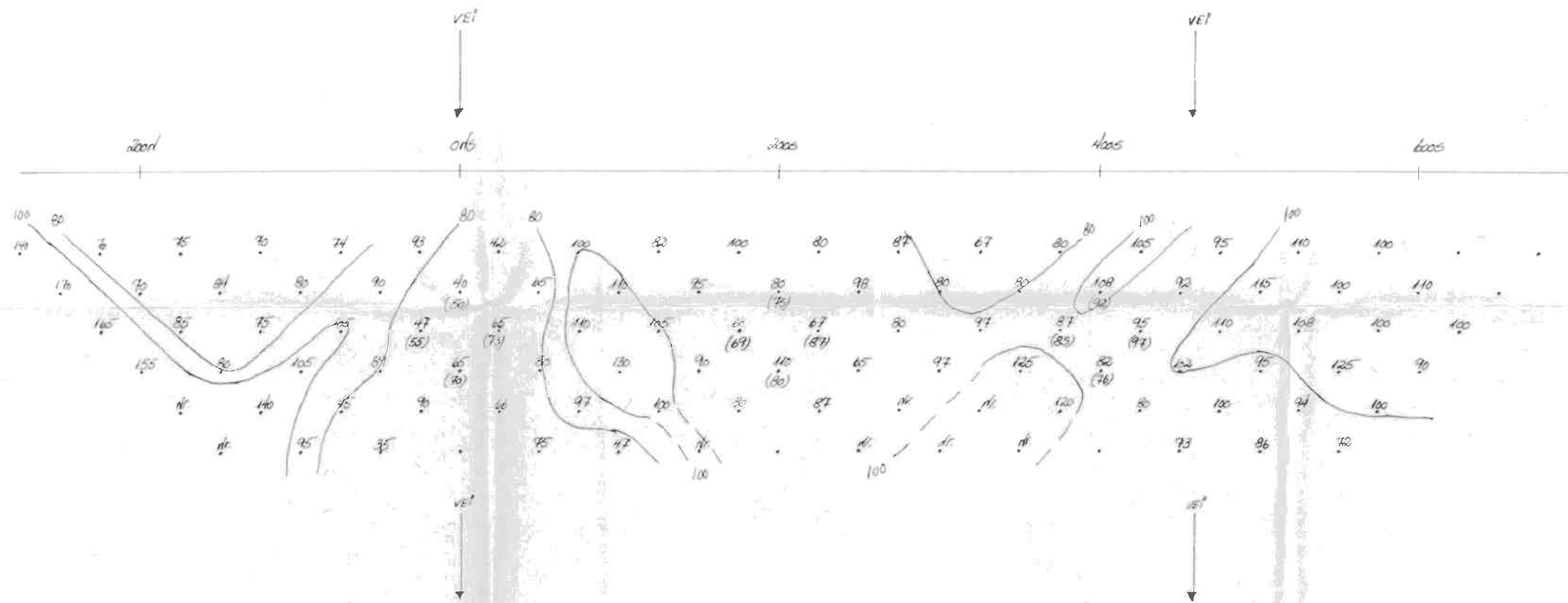
DIPOLE-DIPOLE $\alpha = 50m$

Date 11.9.1984

Scale: 1: 200

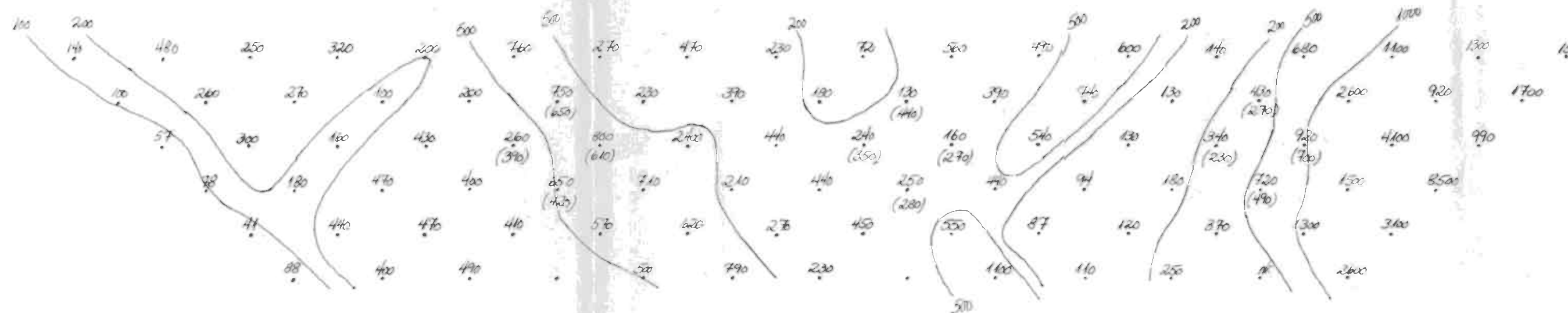
J. B. K.

IP%



RP

ohm/m



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARGMITE-PROJECT - N-82-5

ASNA

IP-SURVEY Line 300φ

CIRCLE - DIPOLE 0.750m

Date 15.8.1984

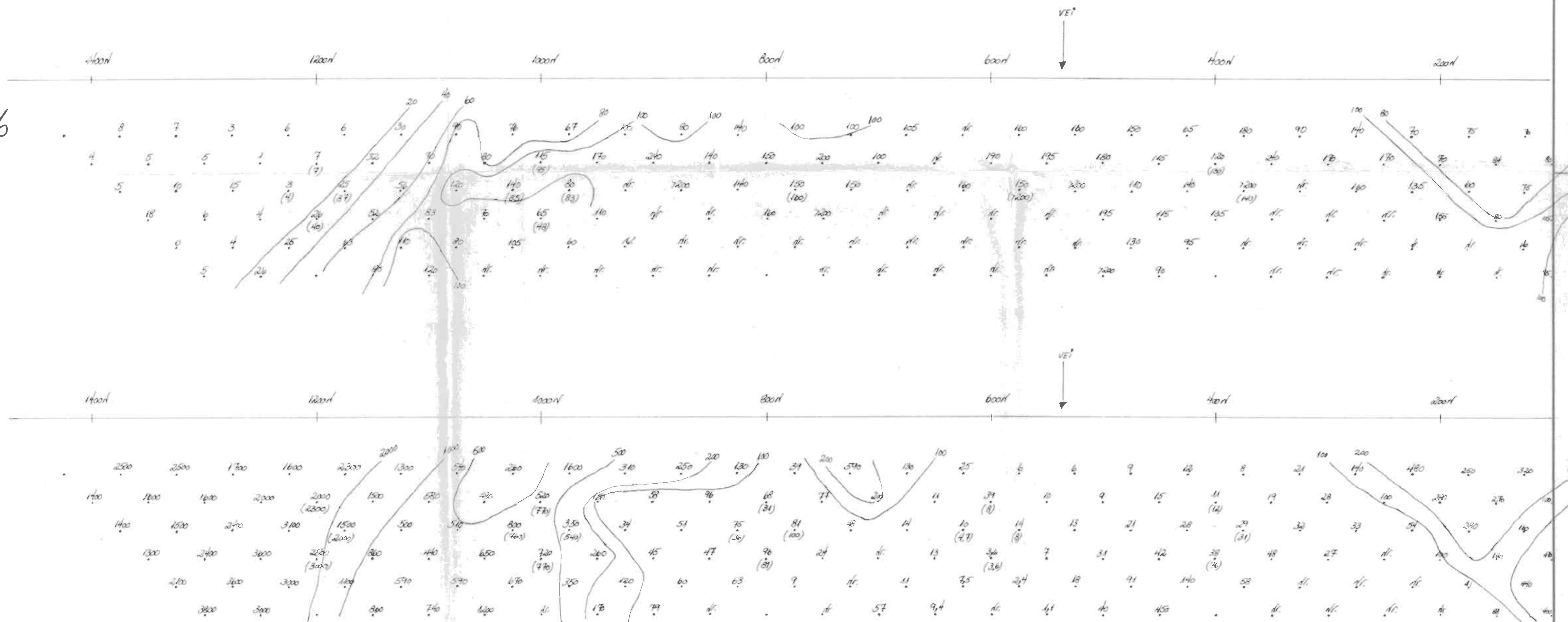
Scale: 1: 2500

Author

IP%

RP

ohm/m



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARGMITE-PROJECT - N-82-5

ATNA

IP - SURVEY Line 300φ

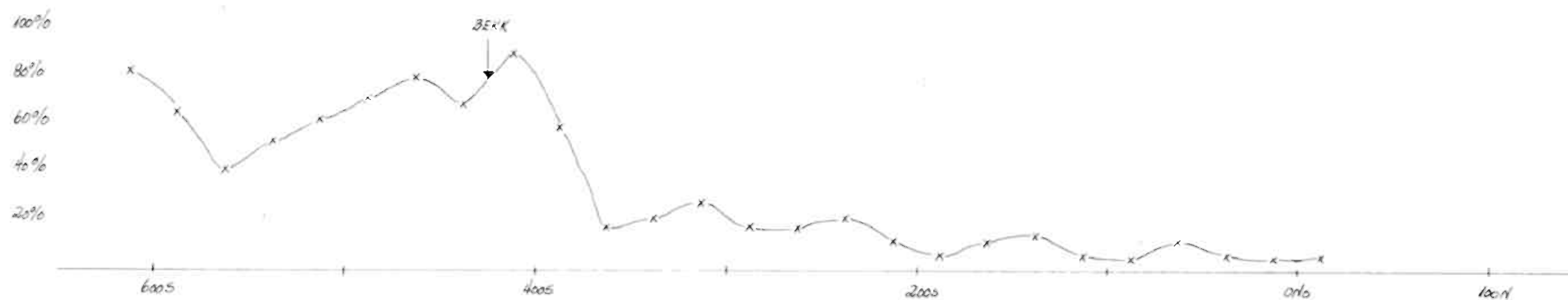
DIPLO - DIPLO 2-50m

Date 15.8.1984

Scale: 1: 2500

Handwritten

IP%



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARAGMITE-PROJECT - N-82-5

ATNA

PROFIL 750V
IP-GRADIENT

$E_1 = 750V - 750S$
 $E_2 = 750V - 150H$

Date 21.9.1984

Scale: 1: 2500

Jar. Jørgen.

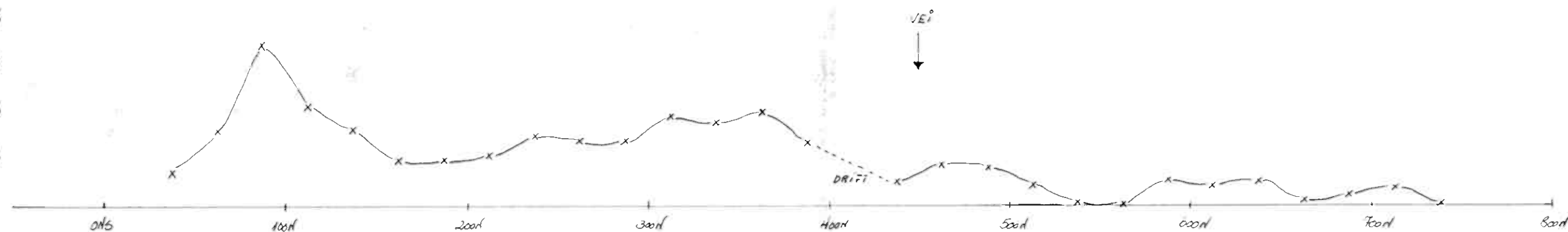
IP%

80%

60%

40%

20%



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARGMITE - PROJECT - N-82-5

ATNA

PROFIL 450V

IP - GRADIENT

E₁ = 450V - 900m

E₂ = 450V - 505

Date 21.9.1984

Scale: 1: 200

Tax. Bureau

IP%

140%

120%

100%

80%

60%

40%

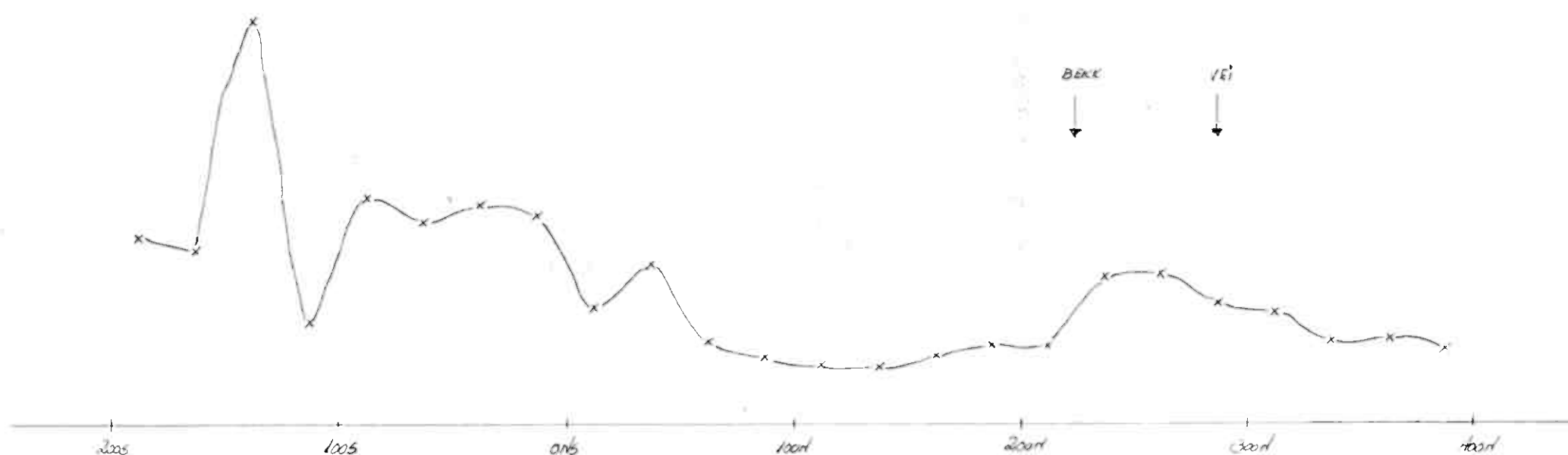
20%

20%

40%

60%

80%



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARGMITE - PROJECT - N-82-5

AJNA

PROFIL 150V

IP - GRADINT

E₁ = 150V - 600H

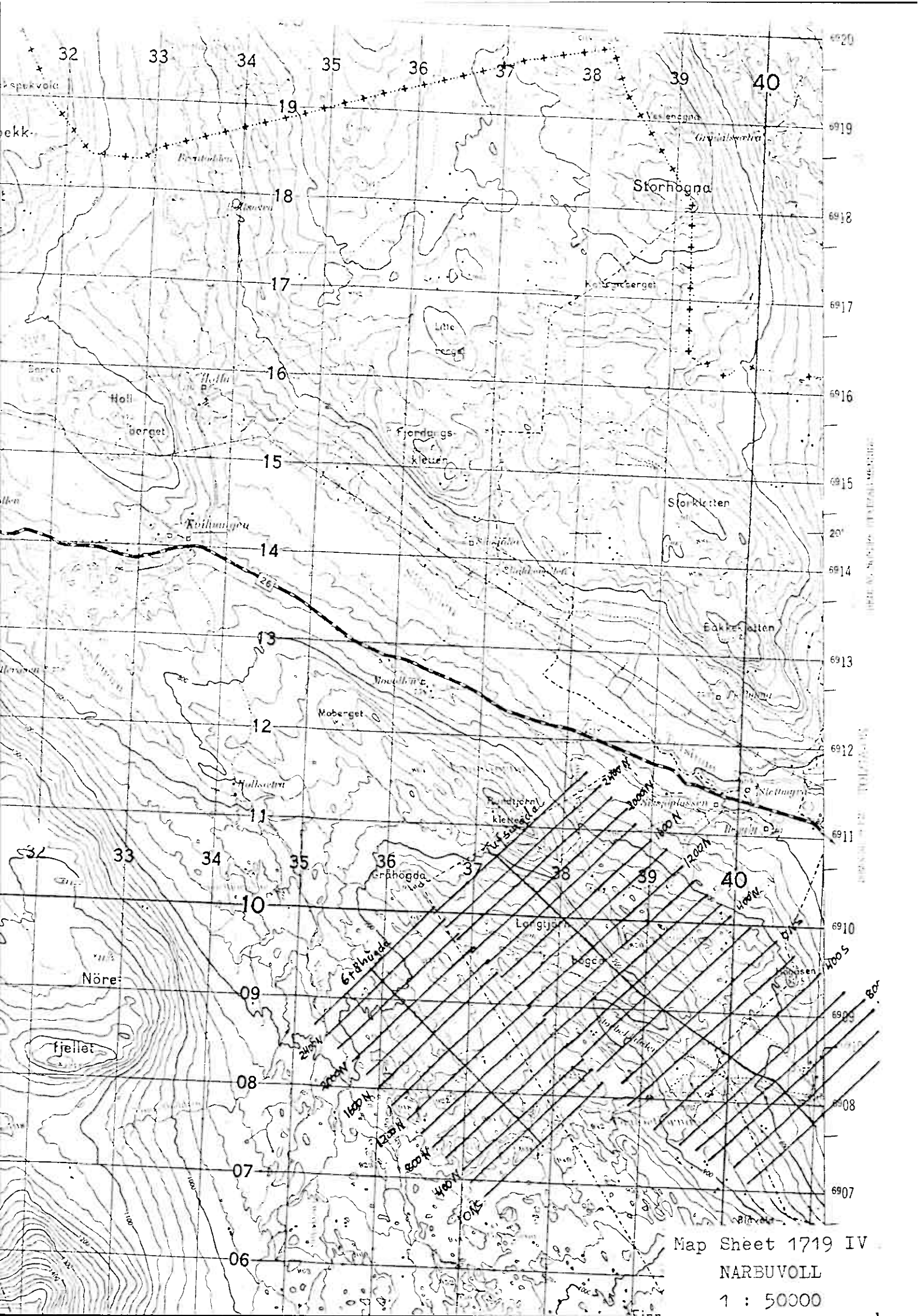
E₂ = 150V - 3250

Date 21.9.1984

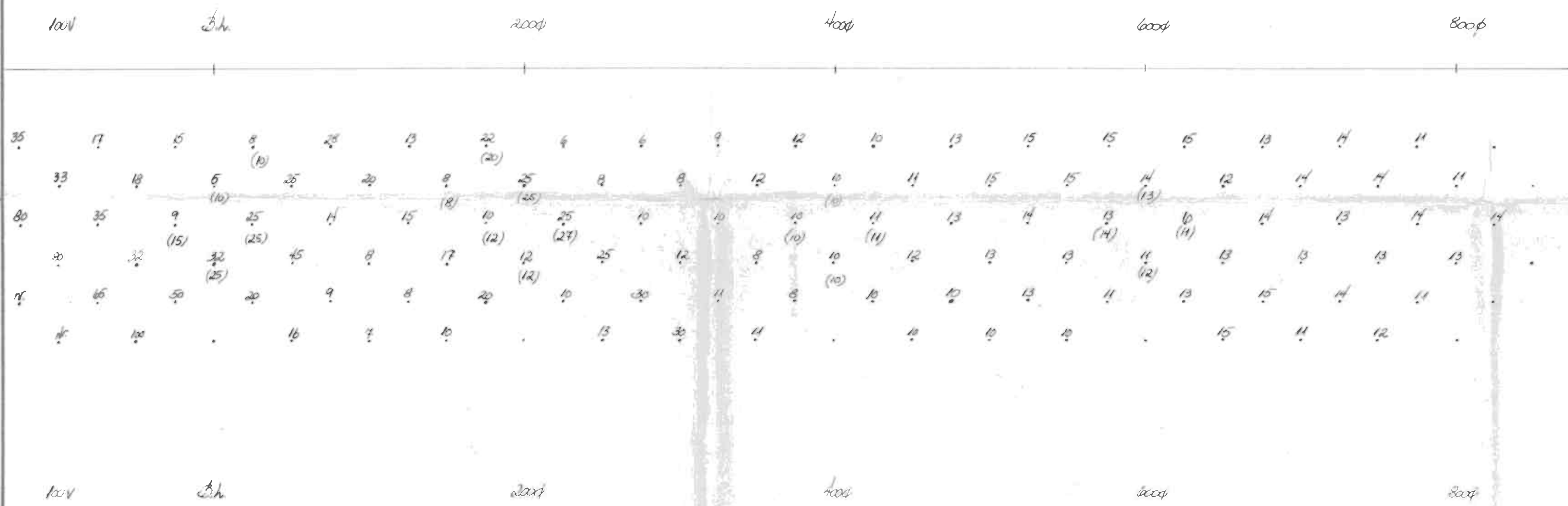
Scale: 1: 2500

Tek. Darius

TUESDAY



Map Sheet 1719 IV
NARBUVOOLL
1 : 50000



IP%

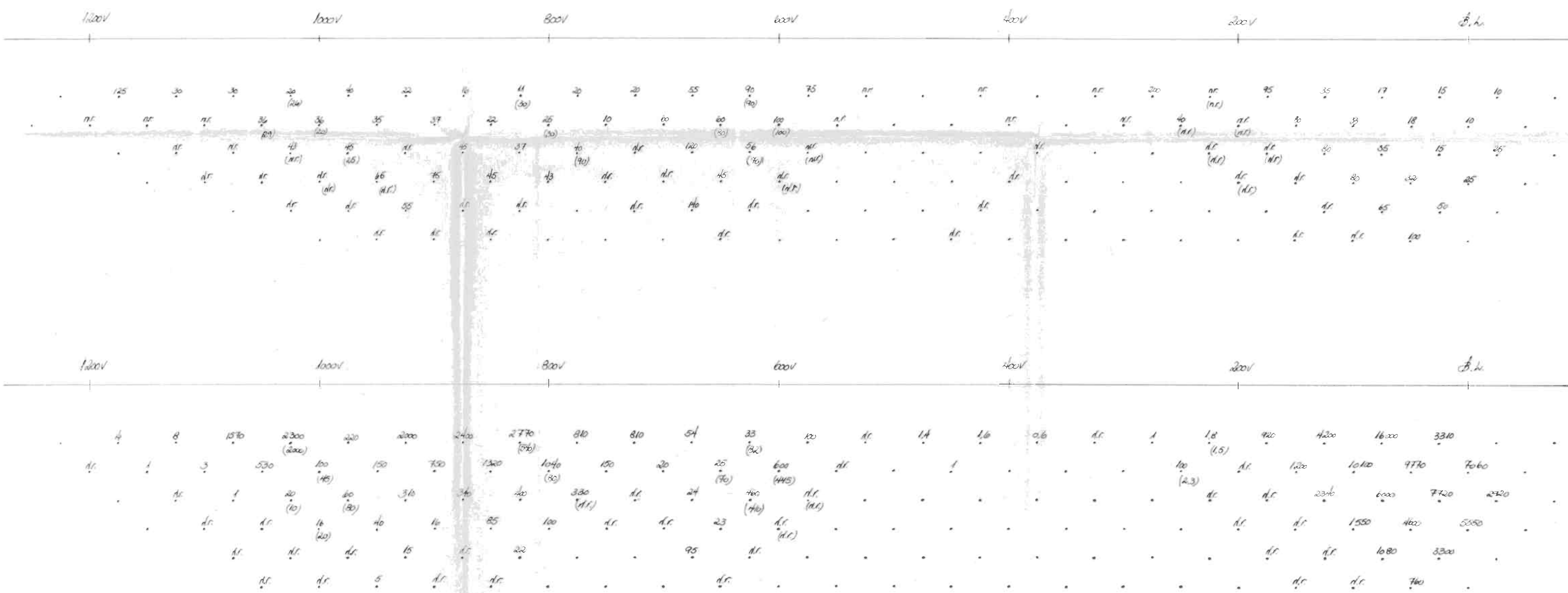


RP

FOLLDAL VERK A/S - AMOCO NORWAY J.V.		
SPARGMITE - PROJECT - N-82-5		
JUTSINGDAL		
IP - SURVEY LINE 8005		
DIPOL - DIPOL a = 50m.		
Date 18.6.84	Scale: 1: 250	20

IP%

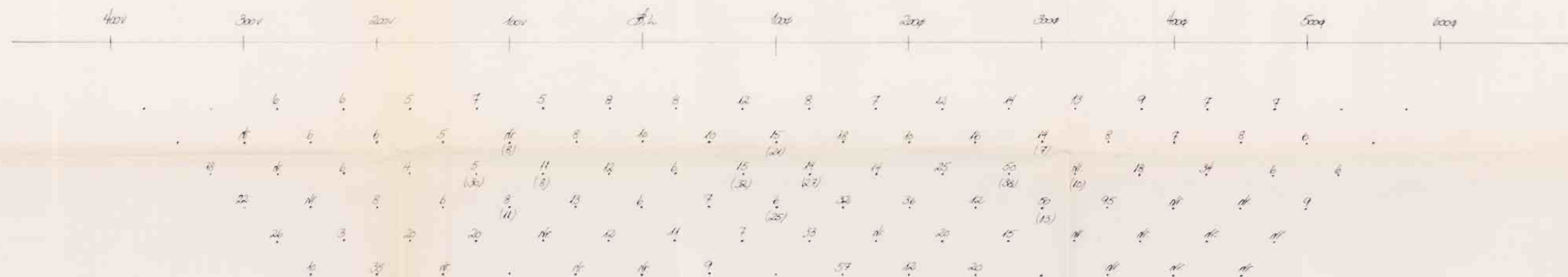
RP



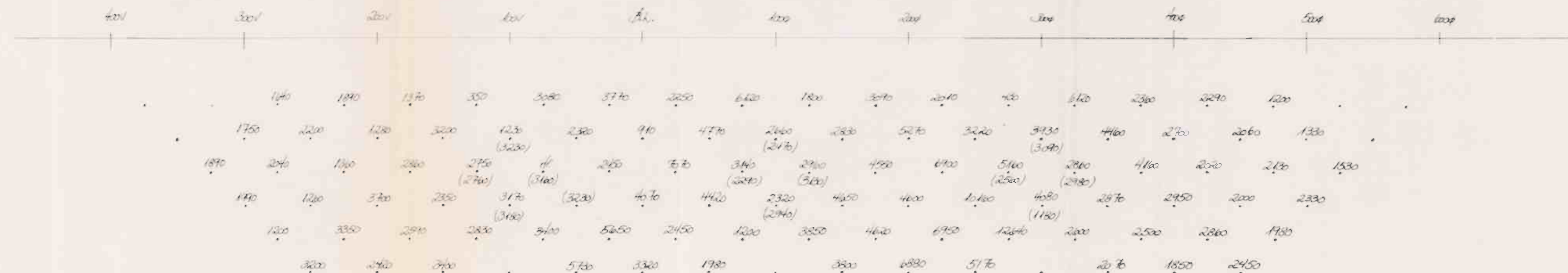
FOLLDAL VERK A/S-AMOCO NORWAY J.V.		
SPARGMITE-PROJECT-N-82-5		
JUTSINGDAL		
IP-SURVEY		
LINE 8005		
DIPLOE-DIPOLE $\alpha = 50m$		
Date 14.6.1984	Scale: 1: 250	

NEKKJØLEN

IP%



RP



FOLLDAL VERK A/S-AMOCO NORWAY J.V.

SPARGMITE - PROJECT - N-82-5

NEKKJØLEN

IP-SURVEY

Line 750N

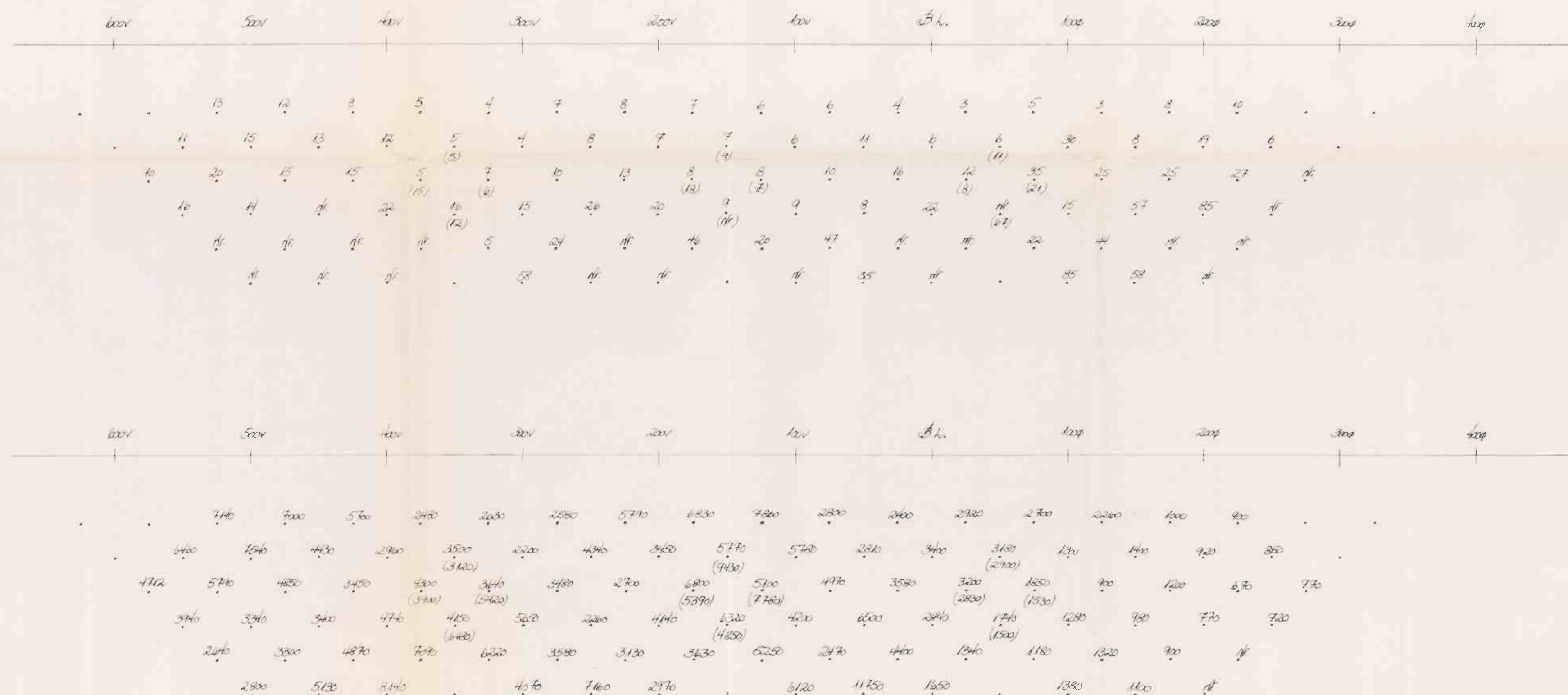
Dipole-Dipole $\alpha = 50m$

Date 12.7.1984

Scale: 1:2500

Side...

RP



SPARGMITE - PROJECT - N-82-5

NEKKJØLEN

IP-SURVEY LINK 2400N

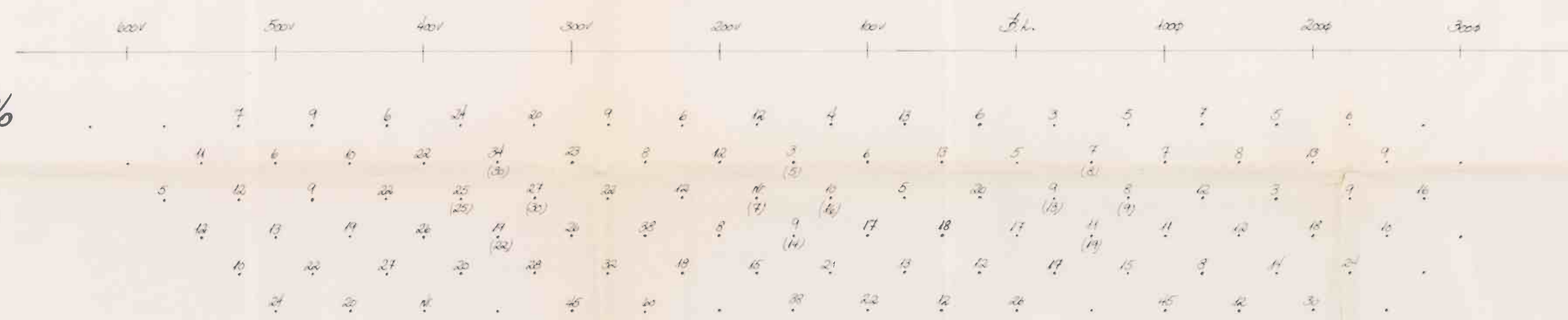
Diode - Diode $A = 50 \text{ cm}^2$

Date 12-2-1984

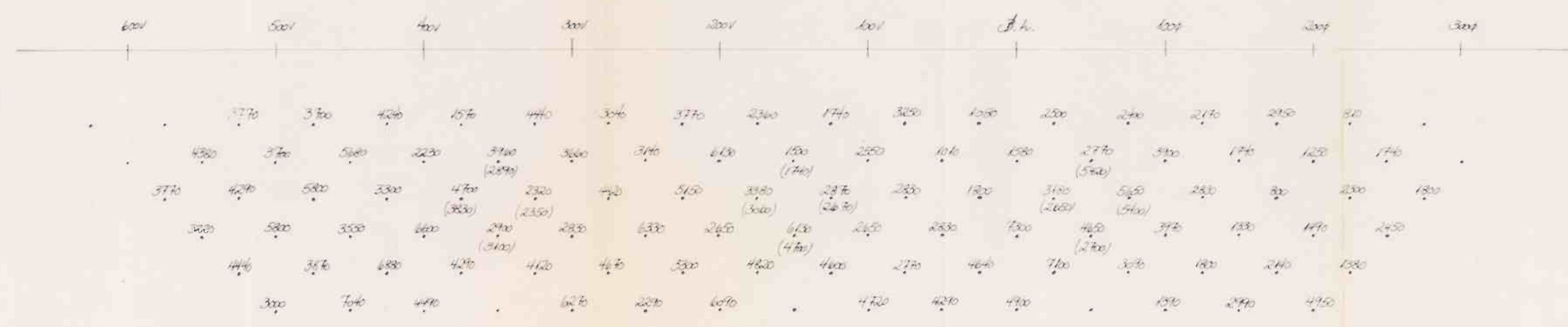
Scale: 1 : 2500

De Vries

IP%



RP



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARGMITE-PROJECT - N-82-5

NEKKJØLEN

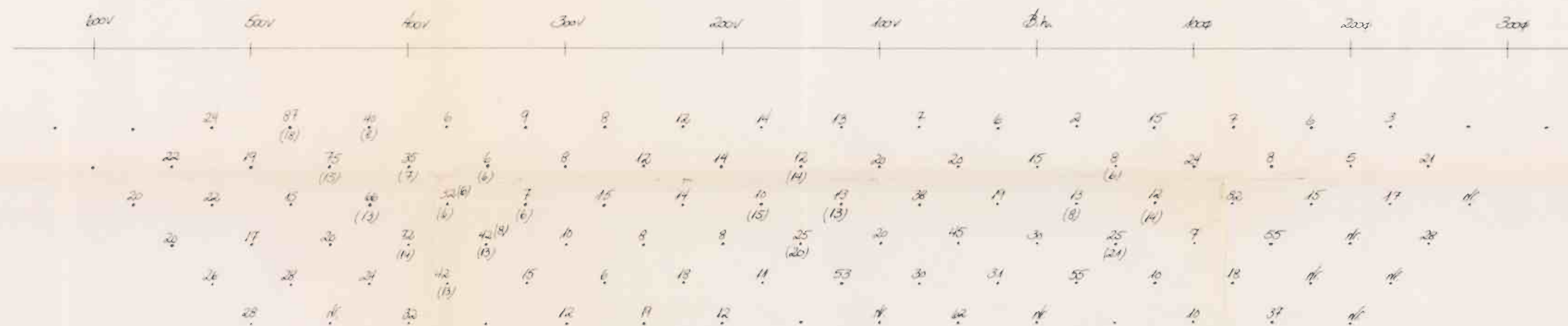
IP-SURVEY LINE 3000V

Date 14.7.1984

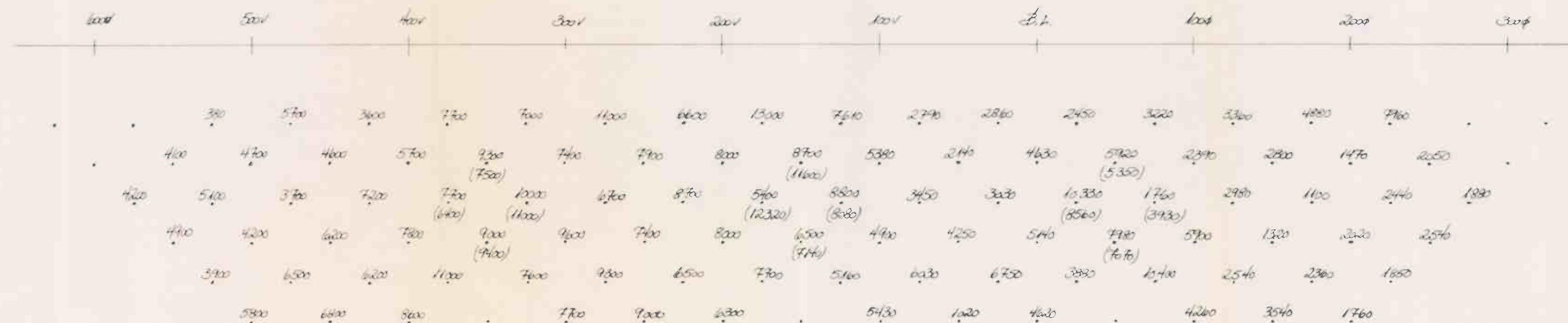
Scale: 1: 2000

Signature

IP%



RP



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARGMITE - PROJECT - N-82-5

NEKKJØLEN

IP-SURVEY

LINE 3150N

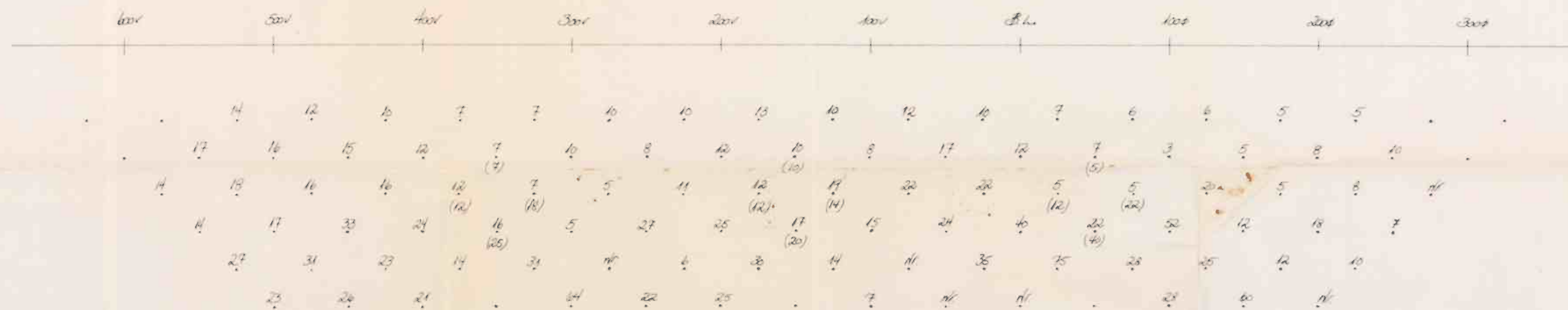
dipole - dipole a = 50m

Date 12.7.1984

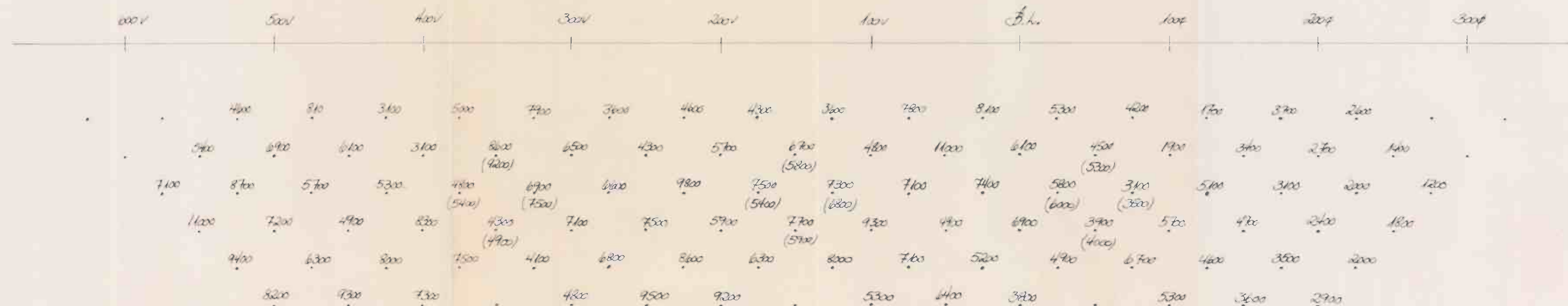
Scale: 1:250

John

IP%



RP



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

SPARAGMITE - PROJECT - N-82-5

NEKKJØLEN

IP-SURVEY

Line 3300N

Dipole - Dipole $\alpha = 50 \text{ m}$

Date 12.7.1984

Scale: 1: 2500

22.10.84