

FOR FALCONBRIDGE NIKKELVERK A/S
A/S SULFIDMALM
Project 905-17

Ground surveys and prospect-drilling
Javrehuosjokka W and Javrehuosjavre W,
Salggaan Grid in 1975, Masi

By
E. Kreivi
P. Ericsson



ADDITIONAL NOTES

1. This map is a reproduction of the original map and is not to be used for any other purpose than that for which it was prepared.

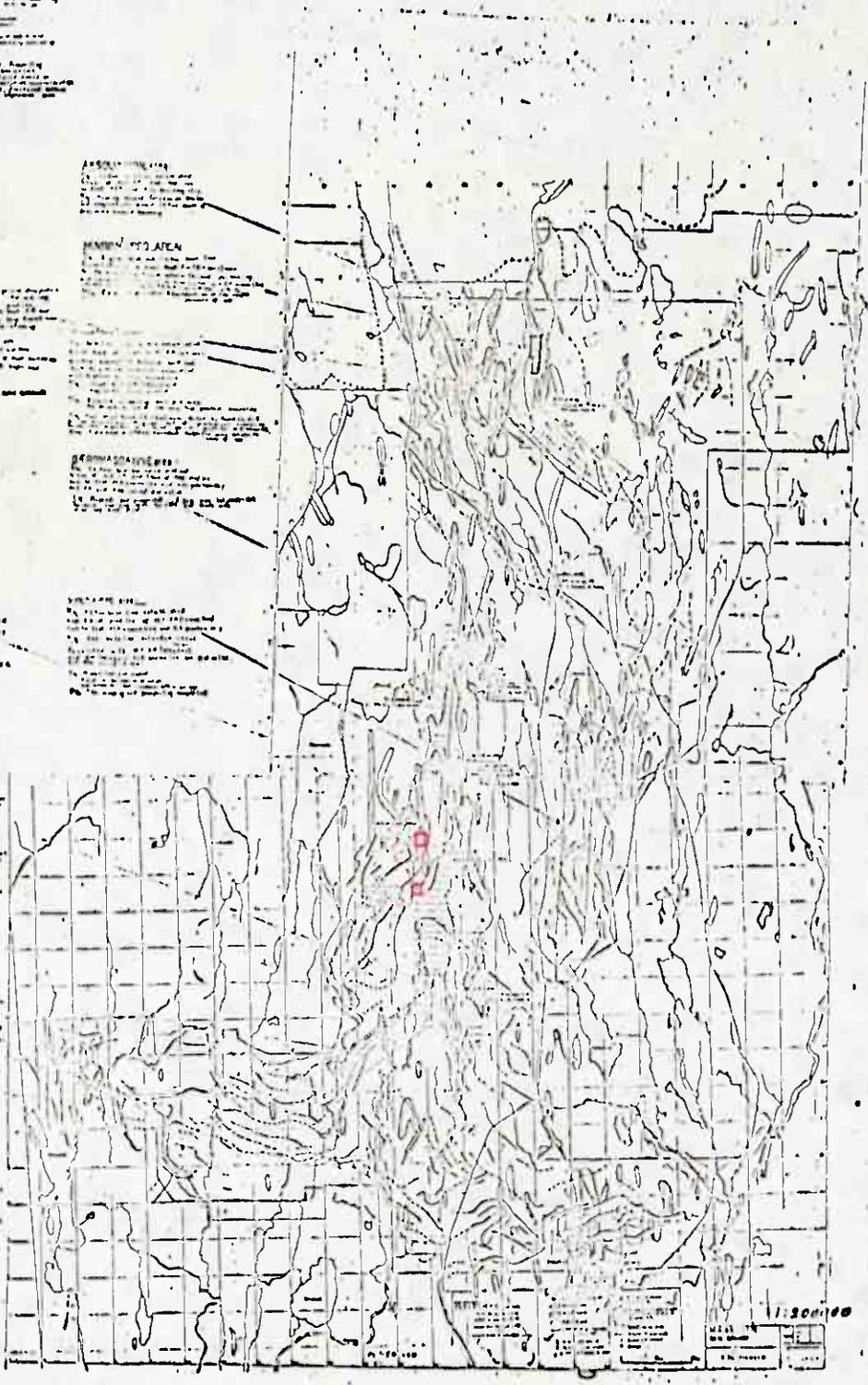
2. The map is based on the best available information and is not to be used for any other purpose than that for which it was prepared.

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ADDITIONAL NOTES



1:20000



Introduction

These two areas are situated in the main Salggangrid, laid out in 1973, about one and a half km west of Javrehuosjavrre and about 2 kms south-west of Javrehuosjokka-grid. 2 detailed grids were laid out on geochemically anomalous areas. The northernmost was on a Ag-anomaly and called the Javrehuosjokka-W and the southernmost was on a Zn-anomaly and called the Javrehuosjavrre-W. The detailed till-sampling assays returned with

max Ag 5,8 ppm at 4600N/950W
max Pb 178 ppm at 4550N/950W
max Zn 480 ppm at 4750N/825W
from the silver-anomaly and

max Zn 1100 ppm at 3250N/900W
max Ni 312 ppm at 3250N/1050W
from the zinc anomaly.

Mapping, prospecting, Shoot-Back-EM-and Proxan-EM-surveys were done at both places. Five short prospecting Winkie-drill-holes were drilled on anomalous areas.

Geology (Fig.2)

Mapping was done by Per Ericsson. The Zn-anomaly is lying in a swampy area, where there was no outcrop to be mapped. The Ag-anomaly is lying on the eastern slope of a ridge on a very rusty and severally sheared graphitic schist. Above the schist on the top of the ridge there is a gabbroic rock and under the schist mica-schist and hornblendite, which are on another graphitic schist.

Geophysics (Fig.3)

Shoot-Back-survey

The Shoot-back-survey was run with 50 ms' coil-separation. 3 strong and uniform anomalous zones were picked up on the Ag-anomaly zone. On the Zn-anomaly the strong EM-anomalies were more scattered on different profiles and did not form any uniform zone.

Proxan Survey

The Proxan is a one-man, shallow penetration EM-unit, made by Outokumpu's instrument division. It was loaned to Sulfidmalm for trials in Masi during the summer of 1975. The unit consists essentially of a rigid bar, ca. 1 m long, with sender and receiver coils mounted at opposite ends. The operating frequency is 50Hz. To carry out a survey the operator moves along the profile, with the Proxan horizontal. A loud buzz indicates when the unit is passing over a conductor, and the operator then locates the conductor exactly using a field strength meter. Having located the conductor it is then possible to determine the depth of burial by taking field strength readings at three different heights (30 cms, 60 cms, 90 cms above ground level). Depth of burial is obtained by plotting these values on a special graph, and then matching against standard curves.

Due to the short coil separation the Proxan has a very limited depth penetration, and is primarily meant as an aid in boulder-prospecting. In shallow overburden areas it can be used to locate bedrock conductors, in which case the depth of burial data can be useful. At Salgganjokka for example, the depth of overburden estimates obtained from the Proxan survey agreed very well with the actual overburden depths encountered in the diamond drilling programme.

Proxan survey results are presented in fig.3, sheet IV with Shoot-Back amplitudes.

Drilling and conclusions

Three vertical Winkie-holes were drilled on the Ag-anomaly:

9-W/1775 20.20 m at 4650N/990W
10-W/1775 20.50 m at 4550N/970W
11-W/1775 10.20 m at 4600N/990W

The holes were collared to test the source of the silver-anomaly in till and EM-anomalies. In the two first holes(9-W and 10-W) the rock was graphitic phyllite with some sphalerite and 20-30% pyrrhotite with traces of chalcopryrite. The best assays gave 0.6% Zn in 4 ms, 0.42% Ni in 2 ms and 5 ppm Ag in one meter. The hole number 11-W/1775 penetrated at first amphibolite, acid volcanics and chlorite-carbonate-schist before coming to the graphitic phyllite. The drilling had to be stopped at 10.20 m because of caving. The used equipments did not allow us to drill deeper than 20 ms. Therefore we could not drill through the mineralized graphitic rock.

Two vertical winkie-holes were drilled on Zn-anomaly:

12-W/1775 15.63 m at 3250N/1120W
13-W/1775 15.85 m at 3200N/ 970W

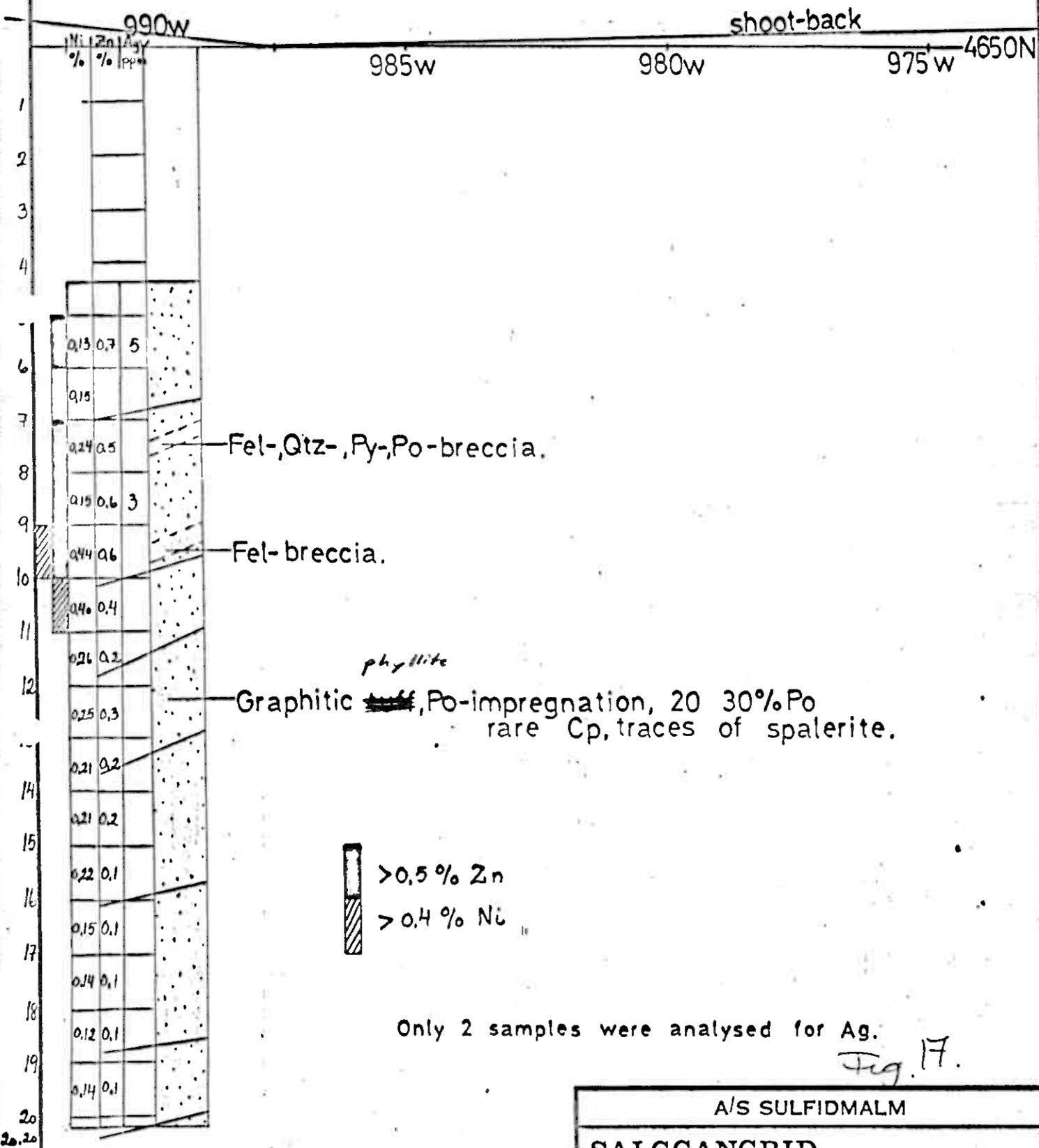
to find out a source of the Zn-anomalies in till and EM-conductors.

The rock-type in these holes was carbonate rich sandstone with some thin beds of graphite and po-breccia with traces of chalcopryrite. No visible sphalerite was found in the core. The EM-anomalies are supposedly caused by graphitic and po-rich beds.

Salggangrid, Ag/Per Ericsson/1775

1. Rusty graphite-schist,
2. Graphite-schist, severely sheared and very rusty, S110/25S
3. Mica-schist with phenocrystals of almandin (?) and hornblende, S~horizontal, somewhat rusty
- a 4. Hornblende, slightly sheared, S140/15S, 3% po
- a 5. Graphite-schist, 5% py in s-places, B180/26W
6. Same as 5, B190/10E
7. Very rusty graphite-schist, sub-outcrop
8. Graphite-schist, 5% py, in s-planes, B40/10W
9. Gabbro, fresh but partly severely sheared and py/po-mineralized.
10. Gabbro, severely sheared, S190/24W, and albite/carbonate altered
11. Graphite-schist, very much py, suboutcrop
12. Graphite-schist, very tectonized, B40/10W general trend.
Very rusty
13. Quartz/mica-schist
14. Gabbro, 0.5% py + po, S190/24W

15. Gabbro
16. Very rusty graphite-schist, B90/24N
17. Rusty graphite-schist, B190/30W
18. Sub-outcrop of rusty graphite-schist



 >0.5% Zn
 >0.4% Ni

Only 2 samples were analysed for Ag.

Fig. 17.

A/S SULFIDMALM

SALGGANGRID,
 JAVREHUOSJOKKA -W, Ag.
 465011/990W 9W/1775

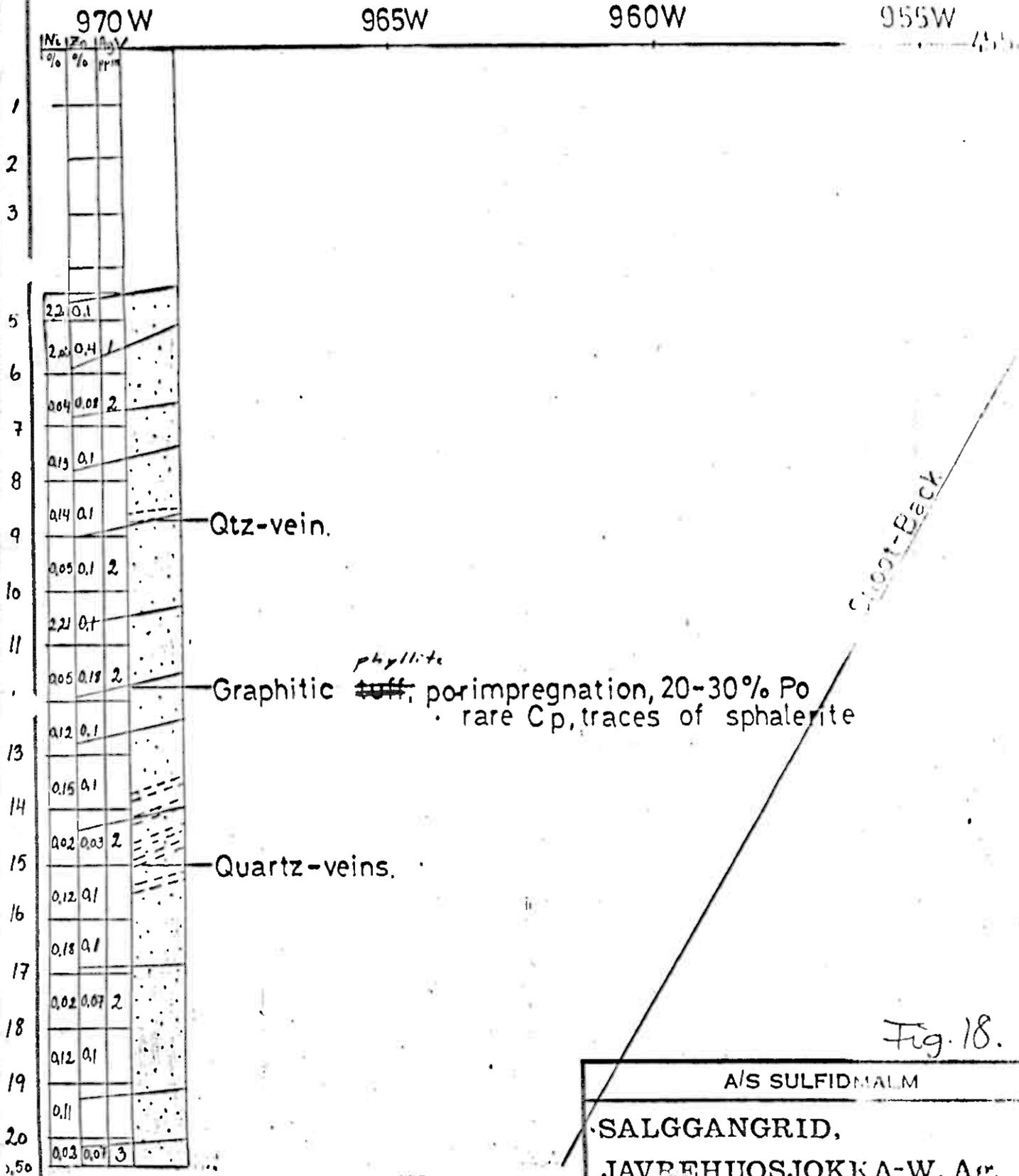


Fig. 18.

A/S SULFIDMALM
 SALGGANGRID,
 JAVREHUOSJOKKA-W, Ag.
 455000/970W 10W/1000

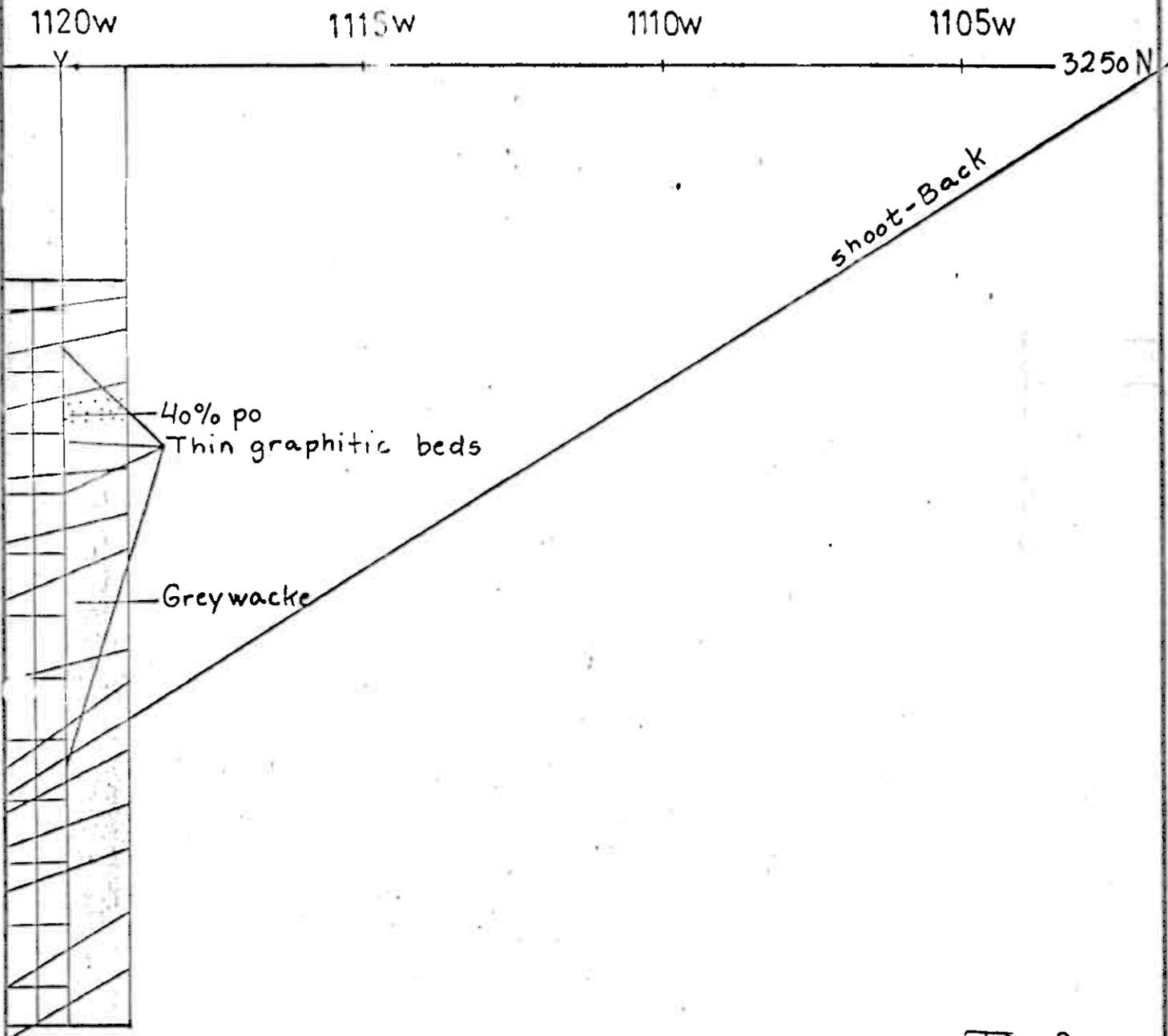


Fig 20.

SALGGÅ GMD, Masi.	
Javrehuogjavre -W-Zn.	
3250N/1120W	12-w/1775
SCALE 1:100	DRAWN EK

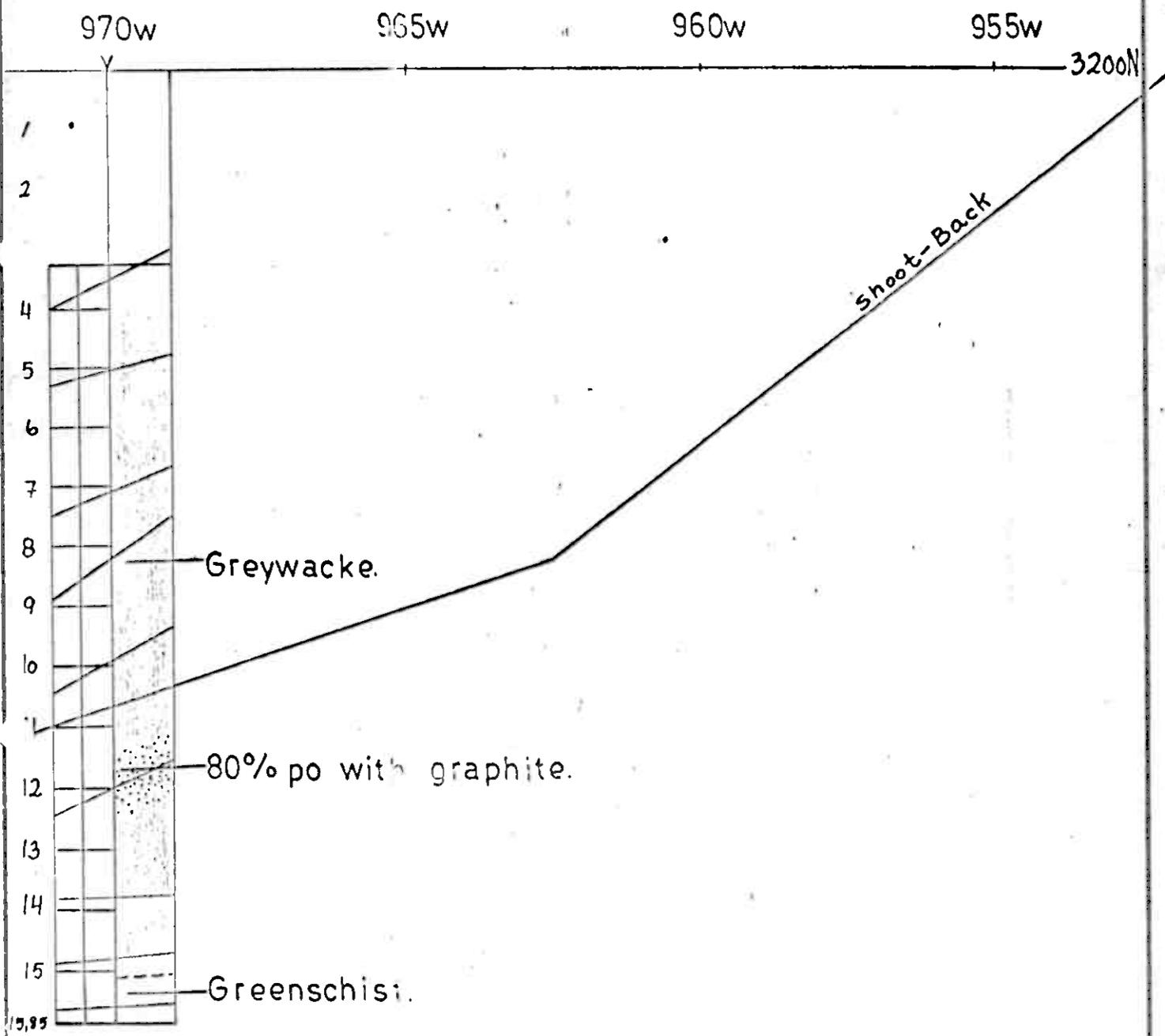


Fig. 21.

SALGGVINGEN ID. Masi.	
Javrehusjarre -W -Zn	
3200N/970W	13-w/1775
SCALE	DRAWN

%s SULFIDMALM

Salggangrid

DIAMOND DRILL RECORD

LOCATION: 4650N/990W BEARING: DIP: 90° HOLE NO: 9W/1775 SHEET NO: 1a
 LOGGED BY: E. Kreivi STARTED: 25/7 1975 PROPERTY Javrehuosjokka-W, Ag
 CASING: 4.38 m FINISHED: 13/8 1975
 CORE SIZE: EX 22 mm TESTS (CORRECTED):

From	To	Description
0	4.38	Overburden
4.38	20.20	Graphitic uff phyllite - po-impregnation, 20-30% po - rare cp, traces of sphalerite
	20.20	End of hole
This hole was drilled to find the source for silver-anomalies in till.		
Core-angles:		
	6.80	11° B
	9.90	17° B
	11.40	24° B
	13.30	23° B
	14.80	folding
	15.90	12° B
	18.70	7° B
	20.20	13° B

DIAMOND DRILL RECORD

Salgangrid

LOCATION: 4650N/990W BEARING: 90° DIP: 90° HOLE NO: 9W/1775 SHEET NO: 1
 LOGGED BY: E. Krelvi STARTED: 25/7 1975 PROPERTY: Laverhousjokka-W, AB
 CASING: 4,38 m FINISHED: 13/8 1975 TESTS (CORRECTED):

Description

From	To	Description
0	4,38	Overburden
4,38	20,20	schist Graphitic schist <i>phyllite</i>
		- fine grained - po-impregnation, 20-30% po - some layers are brecciated by feldspar and quartz, in these cases also coarse grained py and po occur, also graphitic pebbles are often filled with very fine grained py, narrow py-veins are crossing the py-filled pebbles. - usually the rock contains some grains of cp and very occasionally sphalerite in the acid layers - quite homogenous - sulphides are associated with bedding 7,30-7,60 Fe-Qtz, PY-, po-breccia 8,93-8,95 5% sphalerite 9,40-9,75 Fe-breccia - rare grains of sphalerite with big po- and cp grains - very minor Fe-layers all the way 9,75-12,30 po + py-impregnation, some narrow mica-layers 13,50-13,55 carbonate 17,30-18,80 40% po 20,10-20,20 carbonate-and mica-rich layer, a little chlorite - graphite-content slightly decreases towards the bottom and just in the bottom it increases again
	20,20	End of hole

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DIAMOND DRILL RECORD

Salgangrid

LOCATION: 4550N/970W BEARING: _____ DIP: 90° HOLE NO: 10W/1775 SHEET NO: 1
 LOGGED BY: E. Kreivi STARTED: 13/8 1975 PROPERTY: Javrehuosjokka-W, Ag
 CASING: 4.45 m FINISHED: 15/8 1975
 CORE SIZE: EX 22 mm TESTS (CORRECTED): _____

From	To	Description
0	4.45	Overburden - can also be a deeply weathered graphitic schist
4.45	20.50	Graphitic schist <i>phyllite</i> - exactly similar to 10W/1775 5.70 some grains of sphalerite in a narrow py-vein 8.85 " 8.75-8.85 Qtz-vein, a little coarse grained po and py 14.70-14.75 Qtz-vein 15.00-15.05 " 15.50-15.55 " 17.70-20.50 Rare small (<0.5 cm) reddish garnets - graphite-content decreases towards bottom
	20.50	End of hole
		Core-angles:
		4.50 8°
		5.50 22°
		6.70 8°
		7.60 12°
		8.80 12°
		10.50 8°
		11.70 13°
		12.60 11°
		14.20 10°
		16.90 2°
		17.50 2°
		19.20 5°
		20.10 2°

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DIAMOND DRILL RECORD

Salganggrid

LOCATION: 4600N/990W BEARING: DIP: 90° HOLE NO: 11W/1775 SHEET NO: 1a
 LOGGED BY: E. Kreivi STARTED: 15/8 1975 PROPERTY Javrehuosjokka-W, Ag
 CASING: 1.60 m FINISHED: 21/8 1975
 CORE SIZE: EX 22 mm TESTS (CORRECTED):

From	To	Description
0	1,60	Overburden
1,60	2,15	Amphibolite
2,15	2,90	Core-lost
2,90	3,40	Micaceous feldspathic pyroclast(?) - 5% po
3,40	3,70	Chlorite-schist
3,70	4,20	Core-lost
4,20	8,00	Chlorite-carbonate-rock
8,00	10,30	Graphitic tuff - brecciated by quartz, feldspar and iron sulphides, 30% po, py, rare cp, traces of sphalerite
	10,30	End of hole
		The hole was drilled to find the source of silver-anomalies to see the contact-zone between gabbroic rock and volcanites. Had to stop soon after the contact because of caving.

1/5 SULTIDIVALM

DIAMOND DRILL RECORD

Salggangrid

LOCATION: 4600N/990W BEARING: DIP: 90° HOLE NO. 11W/1775 SHEET NO. 1
 LOGGED BY: E. Kreivi STARTED: 15/8 1975 PROPERTY Javrehuosiokka-W. Ag
 CASING: 1.60 m FINISHED: 21/8 1975
 CORE SIZE: Ex 22 mm TESTS (CORRECTED):

From	To	Description
0	1.60	Overburden
1.60	2.15	Amphibolite - homogenous, medium grained, dark, weakly schist
2.15	2.90	Core-lost
2.90	3.40	Micaceous, feldspathic pyroclastic(?) - contains a lot of amphibole and carbonate - po-impregnation, 5% po
3.40	3.70	Chlorite-schist
3.70	4.20	Core-lost
4.20	8.00	Chlorite-carbonate-rock consists of carbonate, chlorite, amphibole, feldspar and rare mica 4.70-4.80 Qtz-vein 5.10-5.15 "
8.00	10.30	Graphitic rock phyllite - brecciated by quartz, feldspar and iron sulphides, 30% po, py, rare cp 8.20 traces of cp 8.60-8.80 Feldspathic rock with po- impregnation 9.40-9.50 Qtz-vein, traces of sphalerite, rare cp.
	10.30	End of hole
		Core-angles:
	3.60	25° S
	5.40	19° S
	7.65	24° S

71s SULFIDMALM

DIAMOND DRILL RECORD

Salggangrid
 LOCATION: 32.50N/112.0W BEARING: DIP: 90° HOLE NO: 12-W/177 SHEET NO: 1
 LOGGED BY: E. Kreivi STARTED: 22/8-75 PROPERTY Javrehuosiavrre-W-Zn
 CASING: 3.50 m FINISHED: 9/9-75
 CORE SIZE: Ex 22 mm TESTS (CORRECTED):

From	To	Description
0	3.50	Overbunden
3.50	15.63	Carbonate-rich sandstone - partly partly thinny varved or brecciated by acid material and fine grained py and po, occasionally cp (5-10% po, py) - some chlorite-porphynoblastz - carbonate-bearing - sometimes thin graphite-rich layers - sometimes chlorite, serisite or biotite-rich parts 5.60-5.80 40% po, a little of cp 4.35-5.00 a little of graphite 6.00-6.10 " 6.65-7.30 " 7.40-9.60 Chert-rich part with weak py-breccia, 10% py 9.60-10.05 A little graphite in thin beds 10.30-10.50 Turbulent foliations 11.00-12.20 A little of graphite 13.40-15.63 Biotite-and carbonate-rich
	15.63	End of hole
		Core-angles
		B: 30° 15.30 27° 11.70 14° 7.60
		31° 14.40 35° 10.80 4° 6.70
		18° 13.15 14° 9.80 13° 5.40
		19° 12.40 23° 8.35 12° 4.50
		8° 3.90
		This hole was drilled to find the source of zinc-anomaly in till, but no sphalerite was found in the core. The shoot-back-anomaly is supposedly caused by graphitic beds.

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DIAMOND DRILL RECORD

3200N/970W
 LOCATION: Salggangrid BEARING: _____ DIP: 90° HOLE NO: 13-W/1775 SHEET NO: 1
 LOGGED BY: E. Kreivi STARTED: 11/9-75 PROPERTY Javrehuosjavrre-W-Zn
 CASING: 3.30 m FINISHED: 13/9-75
 CORE SIZE: Ex. 22 mm TESTS (CORRECTED): _____

From	To	Description
0	3.30	Overburden
3.30	15.10	Sandstone <i>Carbonate-rich sandstone</i>
	3.60-4.30	core-lost
	5.25-5.95	"
	6.50-6.80	"
	8.80-9.60	"
	10.20-10.40	"
	12.85-13.50	"
		- thinny varved
		- sometimes brecciated by acid material and py and po, occasionally cp
		- carbonate-bearing
		- sometimes mica- and chlorite-rich parts
		- sometimes thin beds of graphite
	6.80-11.35	biotite-carbonate-rich part, a little of chlorite
	11.35-12.50	more acid material brecciated by po (50-60% po in average)
	11.50-11.95	80% po with little bit graphite in it
	12.50-15.10	Mica-rich part
15.10	15.85	Greenschist
		- carbonate-rich
	15.85	End of hole
		Core-angles
	B: 3° 15.60	26° 12.00 15° 5.05
	5° 14.80	30° 10.90 27° 3.50
	3° 13.80	36° 8.20
	43° 12.80	23° 7.10
		This hole was drilled to find a source of a zinc-anomaly in till. No sign of sphalerite was seen. Shoot-Back-anomaly might be caused of the po-rich part (45 cm 11.50-11.95)

Projekt No. 1100 1775

Dato 31/8 1975

Indsendt af: E. Krøner

Prøve- nr.	Prove- nr.	Localitet	Provetype	Bestr.	Ni	Cu	Zn	Pb	Ag	Ce	S%	Au	Bemærk:
15	9w/ 43-5	Tvedehus- johann-w. by	Drill core		2.15	2.2	0.2			6.5			
25915 16	9w/ 5-6	---	"		0.120	2.115	0.13	0.017	5	0.017	18.0	40.2	
17	9w/ 6-7	---	"		2.15	2.15	0.7						
18	9w/ 7-8	---	"		2.2	2.15	0.5						
25916 19	9w/ 8-9	---	"		0.147	0.077	0.04	0.014	3	0.008	17.3		
20	9w/ 9-10	---	"		2.25	2.17	0.3						
21	9w/ 10-11	---	"		2.43	2.22	0.4						
22	9w/ 11-12	---	"		2.25	2.15	0.2						
23	9w/ 12-13	---	"		2.25	2.17	0.3						
24	9w/ 13-14	---	"		2.2	2.15	0.3						
25	9w/ 14-15	---	"		2.25	2.15	0.3						
26	9w/ 15-16	---	"		2.25	2.15	0.3						
27	9w/ 16-17	---	"		2.15	2.25	0.3						
28	9w/ 17-18	---	"		2.15	2.15	0.3						
29	9w/ 18-19	---	"		2.15	2.25	0.3						

ANMÆRKNINGER TIL LAB.:

7.17.

Detle sjunde skal sendes i 2 del-
 let sammen med prøvene til
 Kristiansandkontoret, og der skal
 lages kopier til Oslokontoret og
 Prøve- og forsøllige prøvelab. Oslo.

Registrerings Nr. *Masi 1775*

Date *31/8 1875*

Insamlat av: *E. Kivini*

No. i ser.	Prove- nr.	Innehåll	Provetyp	Beskr.	Ni	Co	Zn	Pb	Hg	Co	S	Au	Bemärk.
950	<i>9W/17-20</i>	<i>Drillcore</i>	<i>Drill core</i>		<i>0.14</i>	<i>0.05</i>	<i>0.1</i>						
	<i>31 10W/17-5</i>	"	"		<i>0.53</i>	<i>0.15</i>	<i>0.1</i>						
<i>25617</i>	<i>10W/5-6</i>	"	"		<i>0.054</i>	<i>0.050</i>	<i>0.43</i>	<i>0.0051</i>	<i>1</i>	<i>0.0014</i>		<i>9.20</i>	
<i>25618</i>	<i>10W/6-7</i>	"	"		<i>0.045</i>	<i>0.043</i>	<i>0.087</i>	<i>0.0067</i>	<i>2</i>	<i>0.0040</i>		<i>9.00</i>	
	<i>34 10W/7-8</i>	"	"										
	<i>35 10W/8-9</i>	"	"										
<i>25619</i>	<i>10W/9-10</i>	"	"		<i>0.053</i>	<i>0.047</i>	<i>0.110</i>	<i>0.0071</i>	<i>2</i>	<i>0.0059</i>	<i>11</i>	<i>8.2</i>	
	<i>37 10W/10-11</i>	"	"										
<i>25620</i>	<i>10W/11-12</i>	"	"		<i>0.047</i>	<i>0.043</i>	<i>0.151</i>	<i>0.0065</i>	<i>2</i>	<i>0.0044</i>		<i>9.20</i>	
	<i>39 10W/12-13</i>	"	"										
	<i>40 10W/13-14</i>	"	"										
<i>25621</i>	<i>10W/14-15</i>	"	"		<i>0.047</i>	<i>0.017</i>	<i>0.093</i>	<i>0.0053</i>	<i>2</i>	<i>0.0040</i>		<i>6.00</i>	
	<i>42 10W/15-16</i>	"	"										
	<i>43 10W/16-17</i>	"	"										
<i>25622</i>	<i>10W/17-18</i>	"	"		<i>0.023</i>	<i>0.027</i>	<i>0.006</i>	<i>0.0042</i>	<i>2</i>	<i>0.0075</i>		<i>8.15</i>	

ANMÄRKNINGAR TILL LAB.:

7 A.

Detta skämt ska endast å en
 lutt samman med provet till
 Kristiansandskontoret, med nödvändigt
 laga kopior till Osländskontoret
 Provets tre lörojälliga provet, 3.

År: 1975 Dato: 31/8 1975 Indsendt af: E. Krøner

Prøve-nr.	Prøve-lin.	Lokalitet	Prøvetype	Beskr.	Ni	Co	Zn	Pb	Hg ^{tot}	As	Mo	Bemerk:
45	10W/13-19	Johannes- Tobakvej, Ag	Drill-corr		3.12	2.25	2.1					
46	10W/17-20	"	"		3.12	2.25	0.2					
25043 47	10W/19-23	"	"		0.019	0.019	0.009	0.048	3	0.005	6.25	<0.2
48	11W/10-2	"	"		2.15	2.25	2.1					
49	11W/3-3	"	"		2.15	2.25	2.1					
50	11W/3-4	"	"		2.15	2.25	2.1					
51	11W/4-5	"	"		2.15	2.25	2.1					
52	11W/5-6	"	"		0.11	2.25	0.1					
53	11W/6-7	"	"		0.12	2.25	2.1					
54	11W/7-8	"	"		2.15	2.25	2.1					
25044 55	11W/8-9	"	"		0.098	0.130	0.032	0.078	4	0.019	10.5	<0.2
56	11W/9-10	"	"		2.15	2.25	2.1					
57	11W/10-10 ²⁰	"	"		2.22	2.25	2.2					
		"	"									

ANMERKNINGER TIL LAB.:

7.7.

Detta skjema skal sendes i egen
lutt sammen med prøvene til
Krisikassurkontoret, ved mottagelse,
å lage kopier til Osløkontoret og til
Prøvenes for forskjellige prøvetakninger.

GUTOKUMI OY
 KEMIANEISINTÄ
 GEOLOGISEN LAORATORIO

PMO: 18.9.1975
 ANALYSOIJÄ: ALH
 TILAAJA: TAI
 NÄYTEIDEN LAATU: -
 ALUE: -

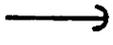
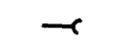
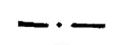
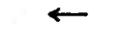
ATOMIABSORPTIOANALYYSIEN TULOKSIA

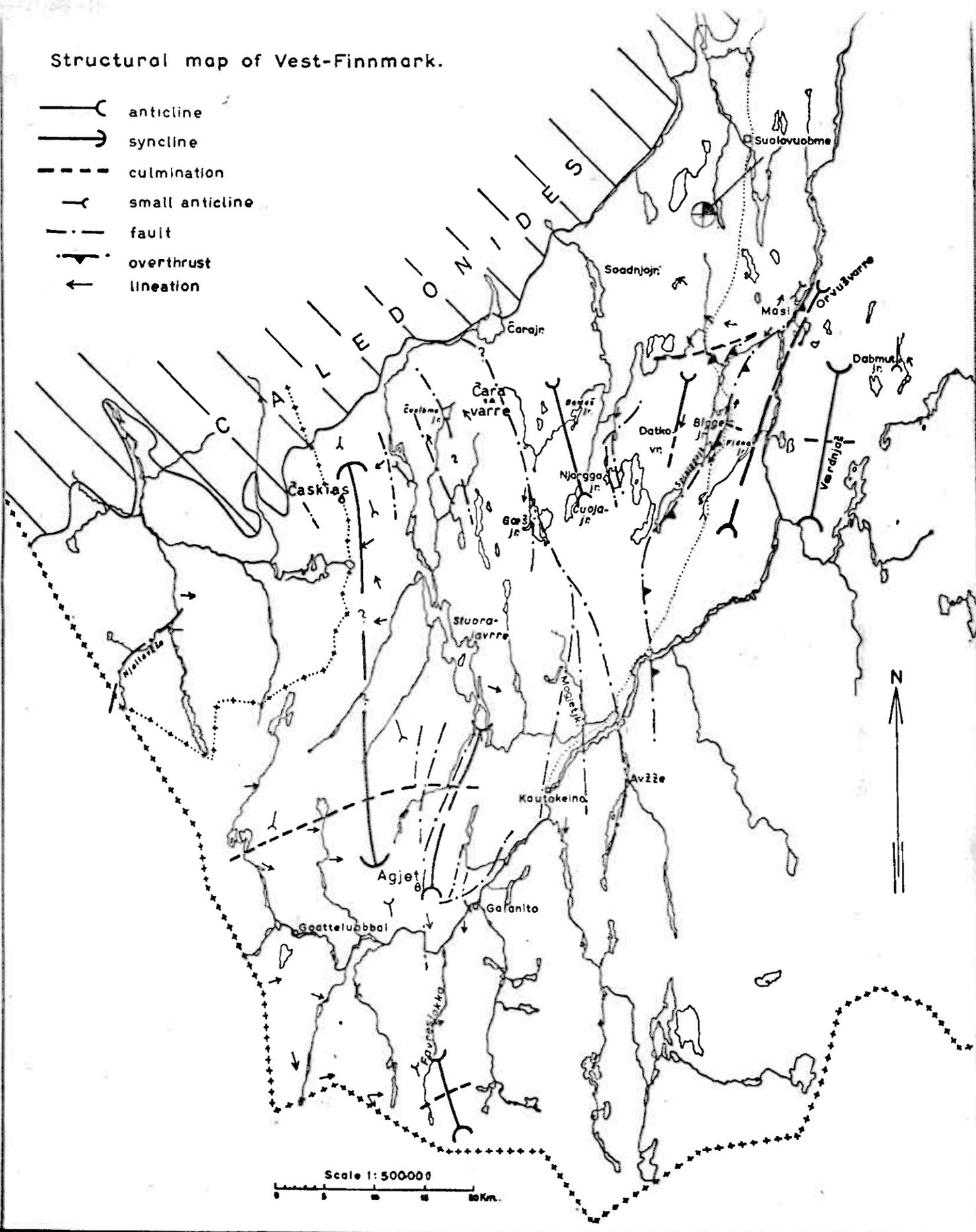
YTOISLUYKSIKKO FM
 DESTILATIHKUN PÄIKÄ 000,
 FE: JA S: YTOISLUYKSIKKO X
 DESTILATIHKUN PÄIKÄ FE: -
 LAIKENNUS: LUKU YTOISLUYKSEN OALJESSA OSOITTOA,
 KUINKA MONIA NUNEROA DESTILATIHKKU SIITÄI OINEN

N:O	CU	ZN	NI	CO	FE	AG	S
75-25615	1152	0065 2	1233	0102	0117	0065	15.0
75-25616	0774	0064 2	1405	0051	0104	0003	17.3
75-25617	0505	0430 1	0543	0070	0081	0001	7.10
75-25618	0430	0060 1	0455	0067	0067	0002	7.00
75-25619	0470	0110 1	0533	0050	0071	0002	11.0
75-25620	0400	0140 1	0400	0044	0055	0002	9.00
75-25621	0150	0050	0107	0040	0053	0002	6.00
75-25622	0260	0050 1	0227	0075	0042	0002	5.00
75-25623	0105	0060 1	0104	0065	0040	0003	4.00
75-25624	1302	0080 1	0970	0100	0095	0004	10.0

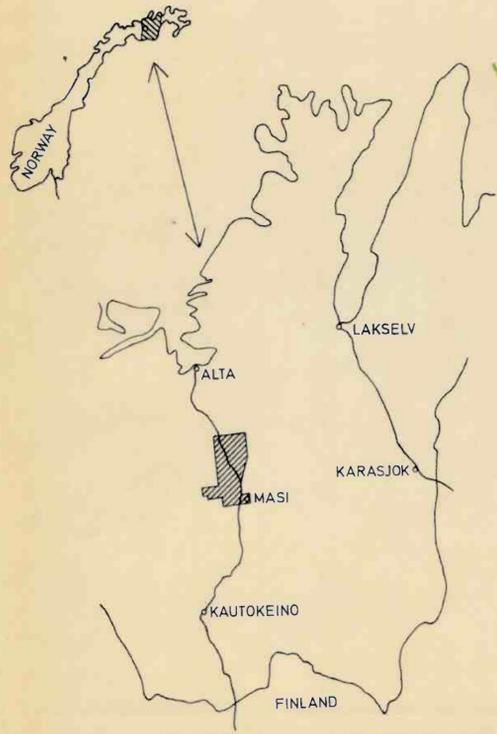
N:O	ppm Au
75-25615	< 0.2
25619	< 0.2
25623	< 0.2
25624	< 0.2

Structural map of Vest-Finnmark.

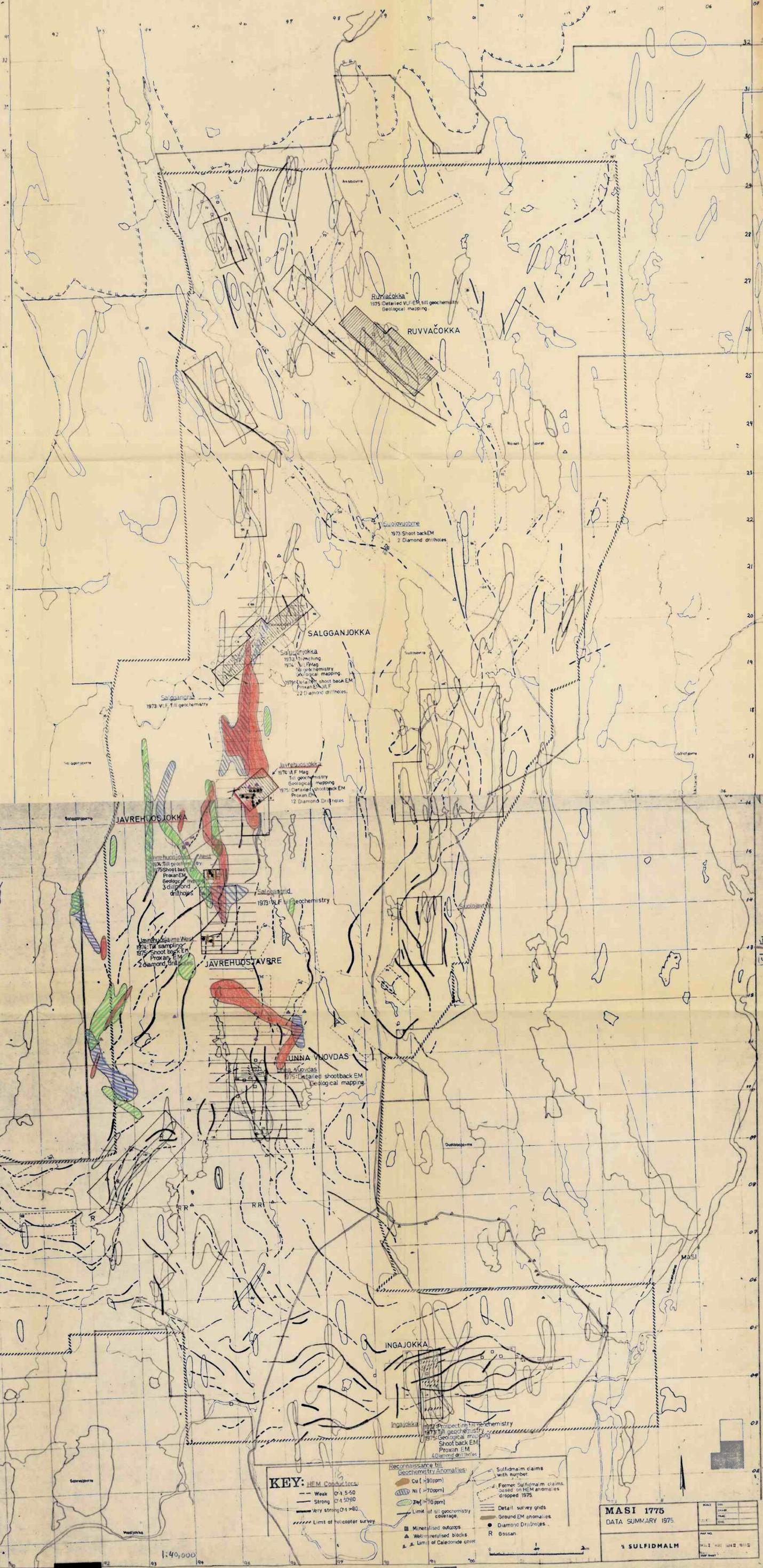
-  anticline
-  syncline
-  culmination
-  small anticline
-  fault
-  overthrust
-  lineation



Summary &
conclusions



UNDERSØKT 1975
 PLANLAGT UNDERSØKT 1976



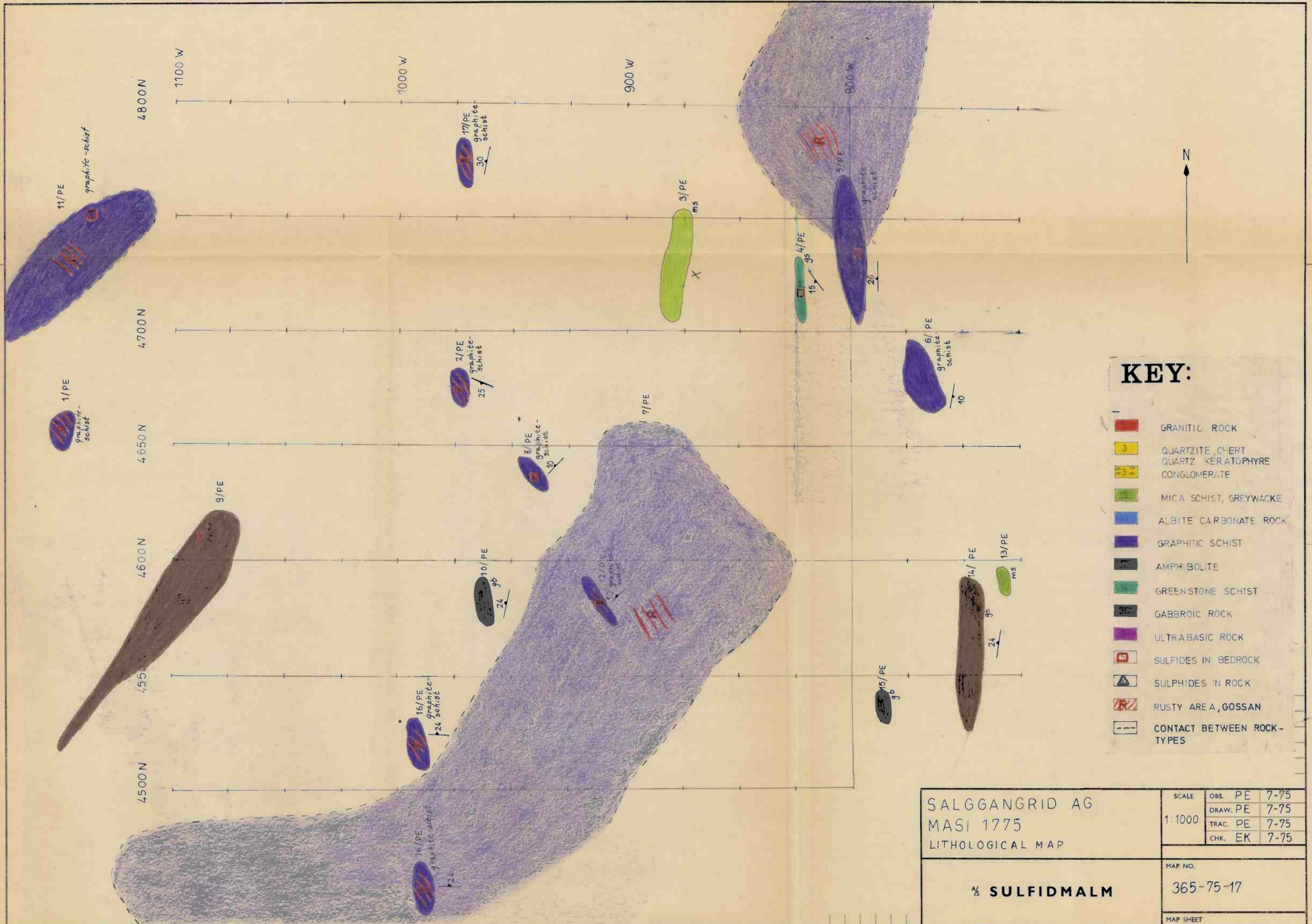
KEY:

- Weak 0.1-5.50
- Strong 0.4-50.00
- Very strong 0.1-90
- Limit of helicopter survey
- Mineralised outcrops
- Well-mineralised blocks
- Limit of Calsonide cover

Reconnaissance till geochemistry anomalies:
 Cu (-90ppm)
 Ni (-70ppm)
 Zn (-10ppm)

Sulfidmalm claims with number
 Former Sulfidmalm claims based on HEM anomalies dropped 1975
 Detail survey grids
 Ground EM anomalies
 Diamond Drift holes
 R Bossan

MASI 1775
 DATA SUMMARY 1975
 1 SULFIDMALM



KEY:

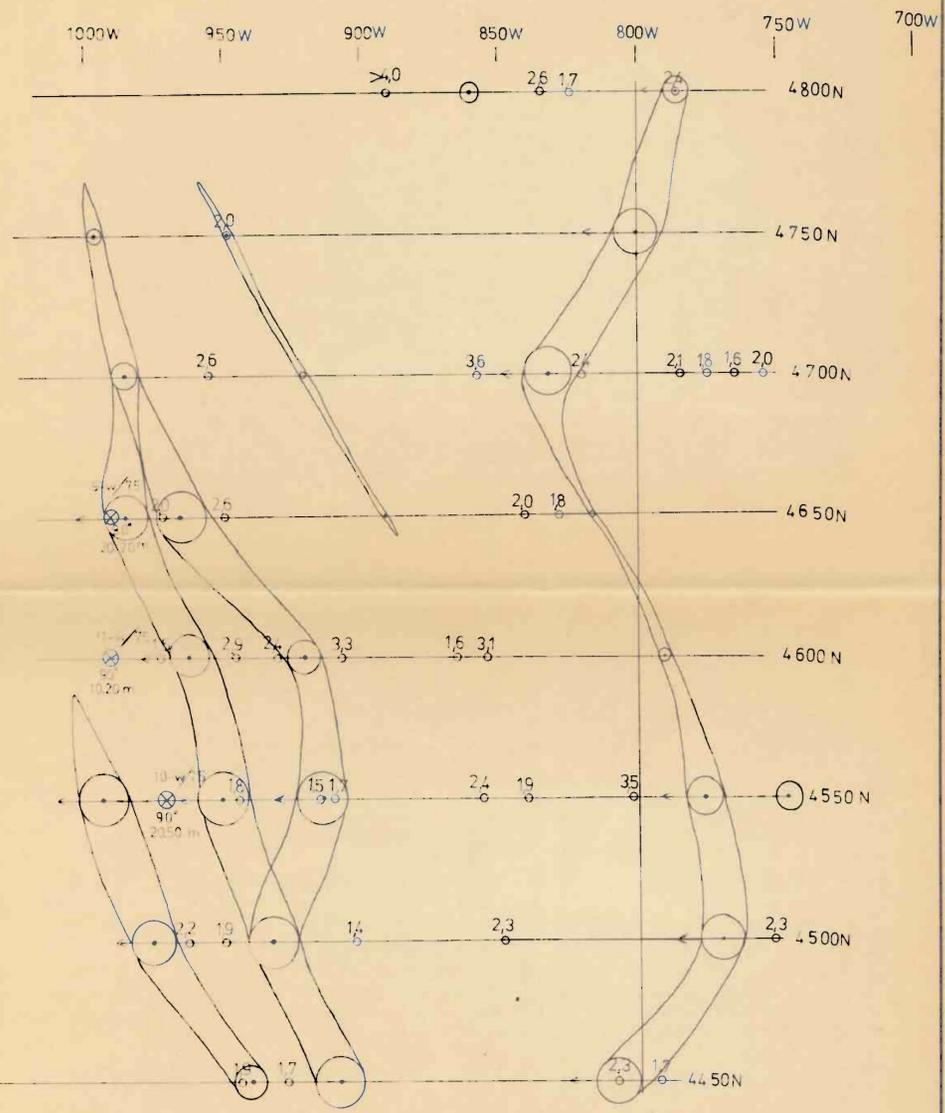
- GRANITIC ROCK
- QUARTZITE, CHERT
- QUARTZ KERATOPHYRE
- CONGLOMERATE
- MICA SCHIST, GREYWACKE
- ALBITE CARBONATE ROCK
- GRAPHITIC SCHIST
- AMPHIBOLITE
- GREENSTONE SCHIST
- GABBROIC ROCK
- ULTRABASIC ROCK
- SULFIDES IN BEDROCK
- SULPHIDES 'N ROCK
- RUSTY AREA, GOSSAN
- CONTACT BETWEEN ROCK-TYPES

SALGGANGRID AG MASI 1775 LITHOLOGICAL MAP	SCALE	OBS. PE 7-75
	1:1000	DRAW. PE 7-75
		TRAC. PE 7-75
		CHK. EK 7-75
1/2 SULFIDMALM		MAP NO. 365-75-17
		MAP SHEET

Geophysics

A 17/1985-3000 A1 139 001 Sveriges Geologiska Institutet

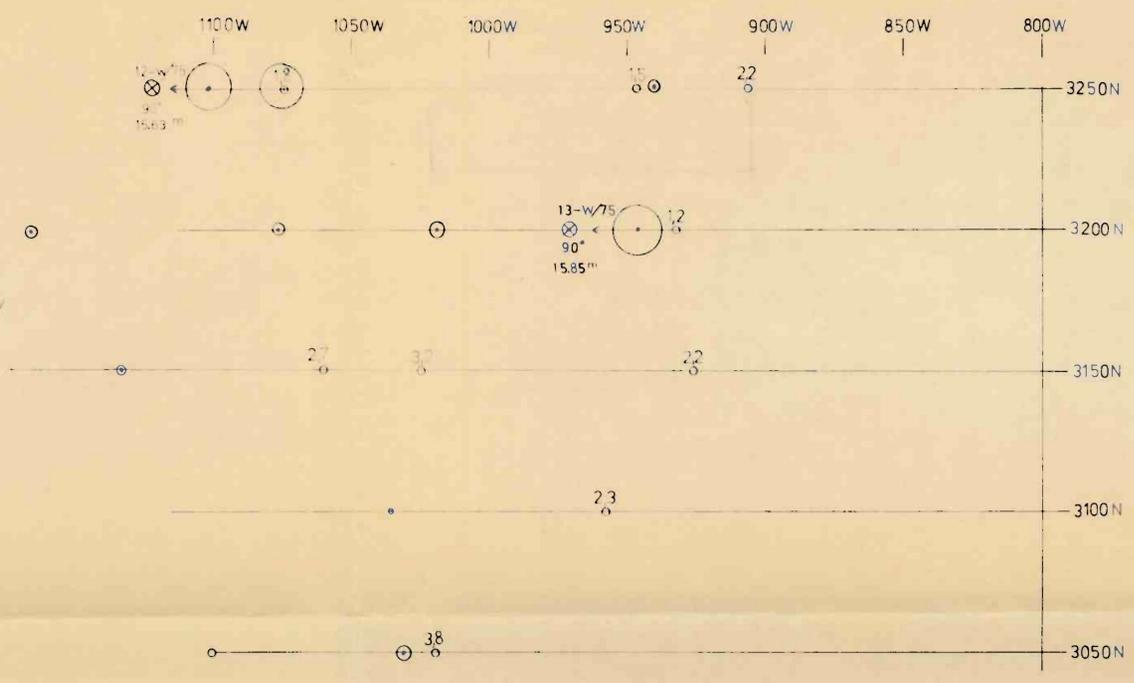
Ag-anomaly



Shoot-back amplitudes

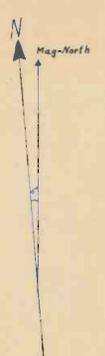
- 40
- 50
- 60
- 70
- 80
- 90
- 100
- 110
- 120
- 130
- 140
- > 150

Zn-anomaly



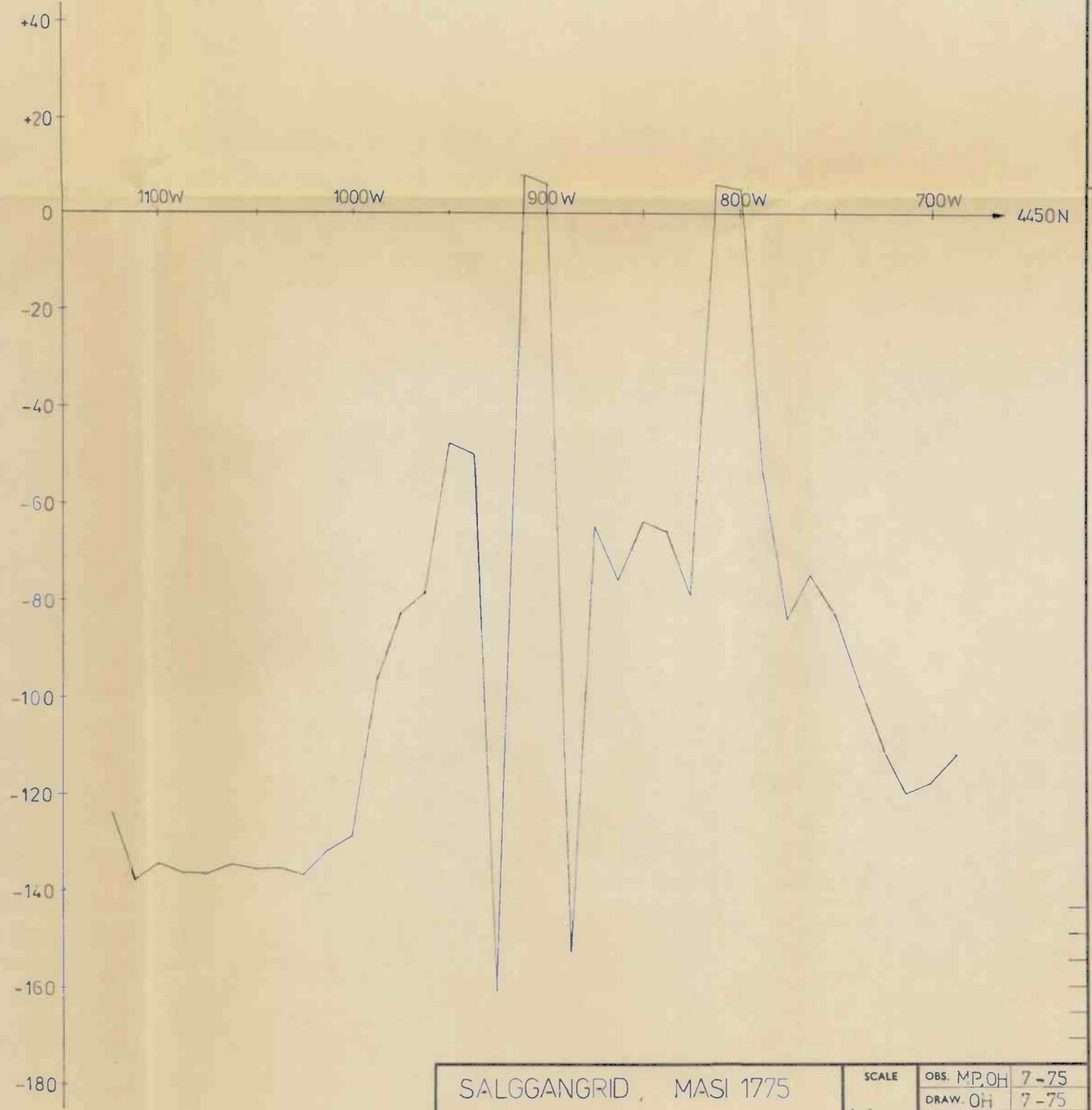
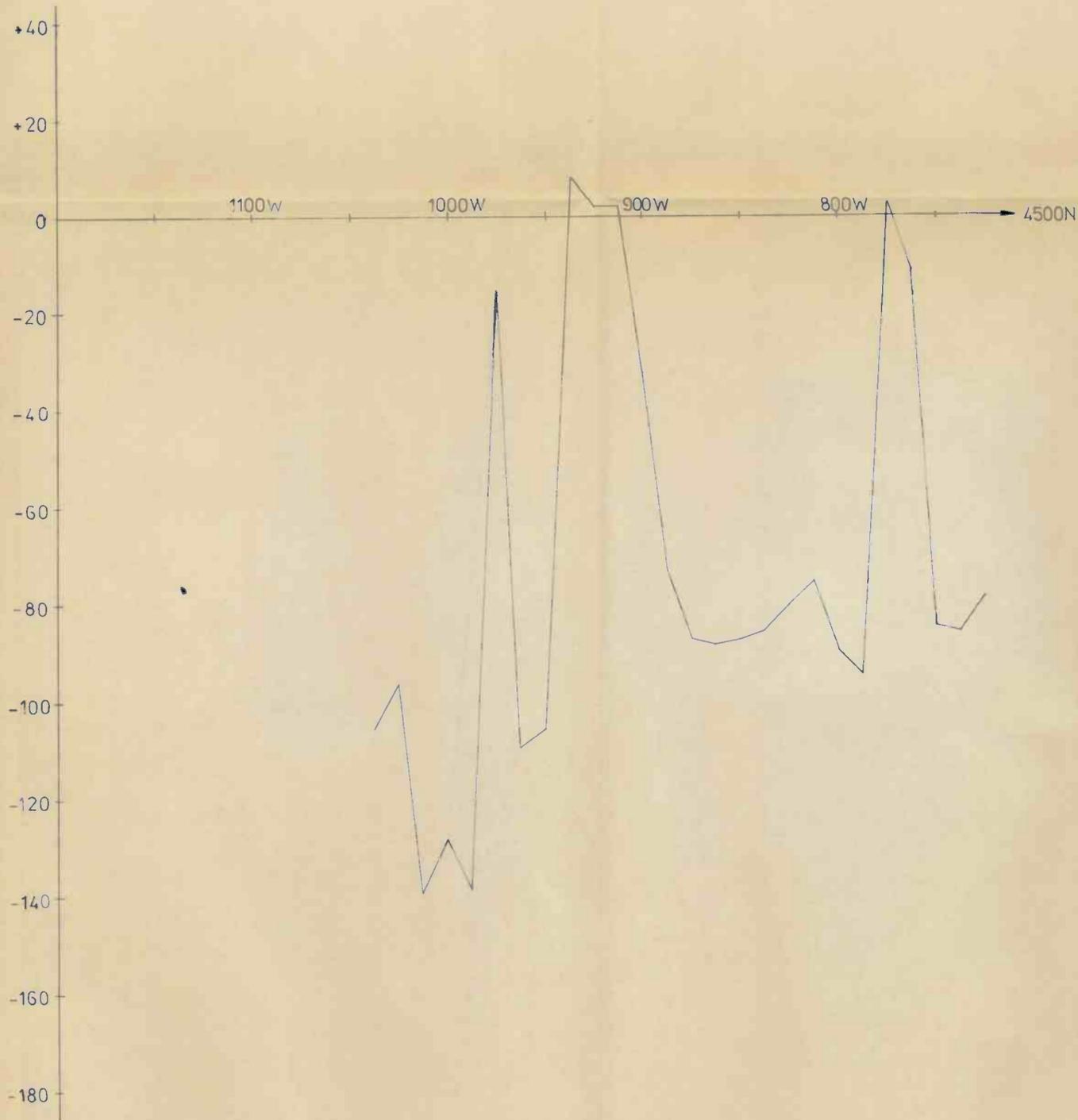
27 Top of indicator with the thickness of overburden (m)

⊗ Winkie-drilling

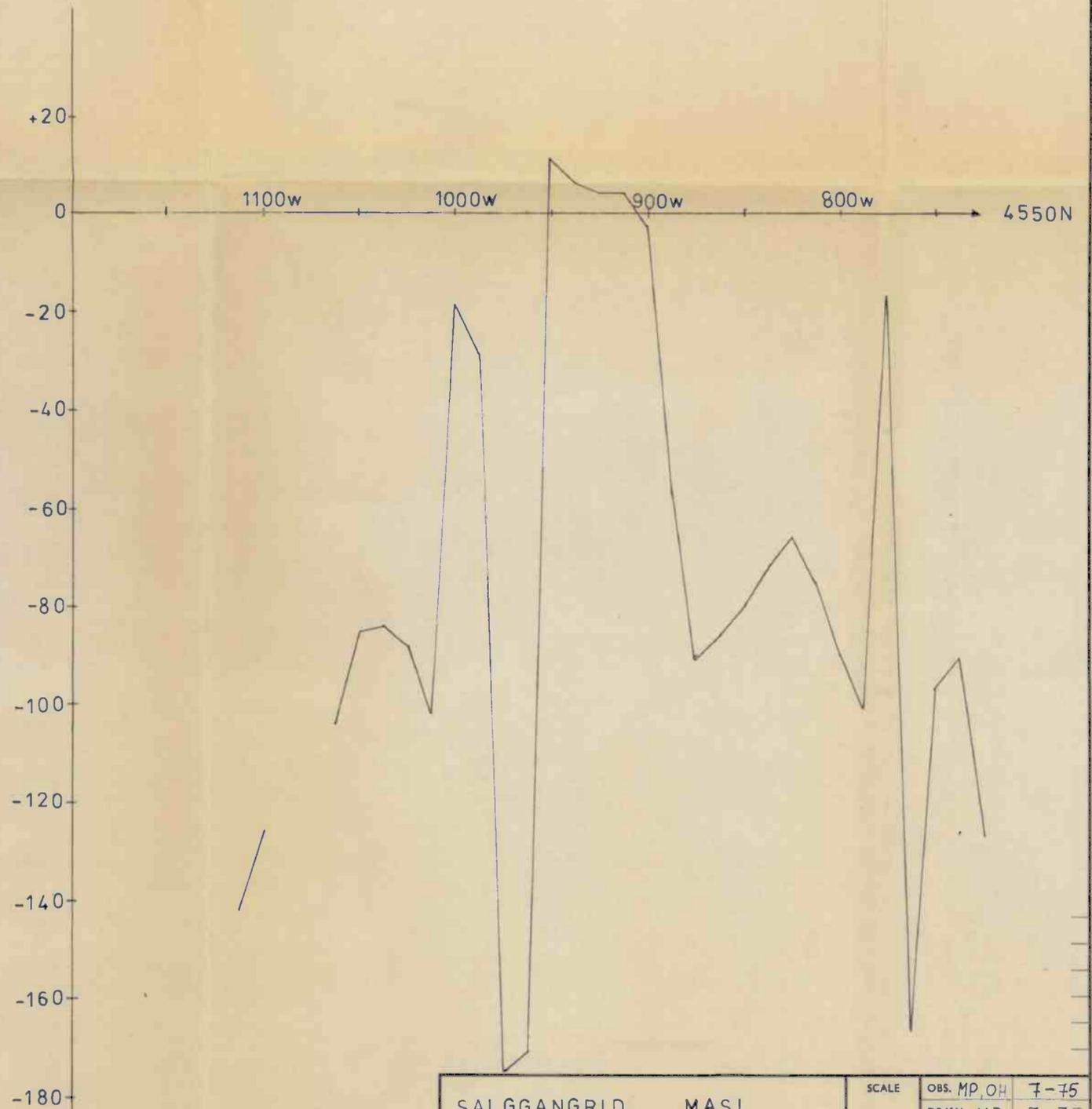
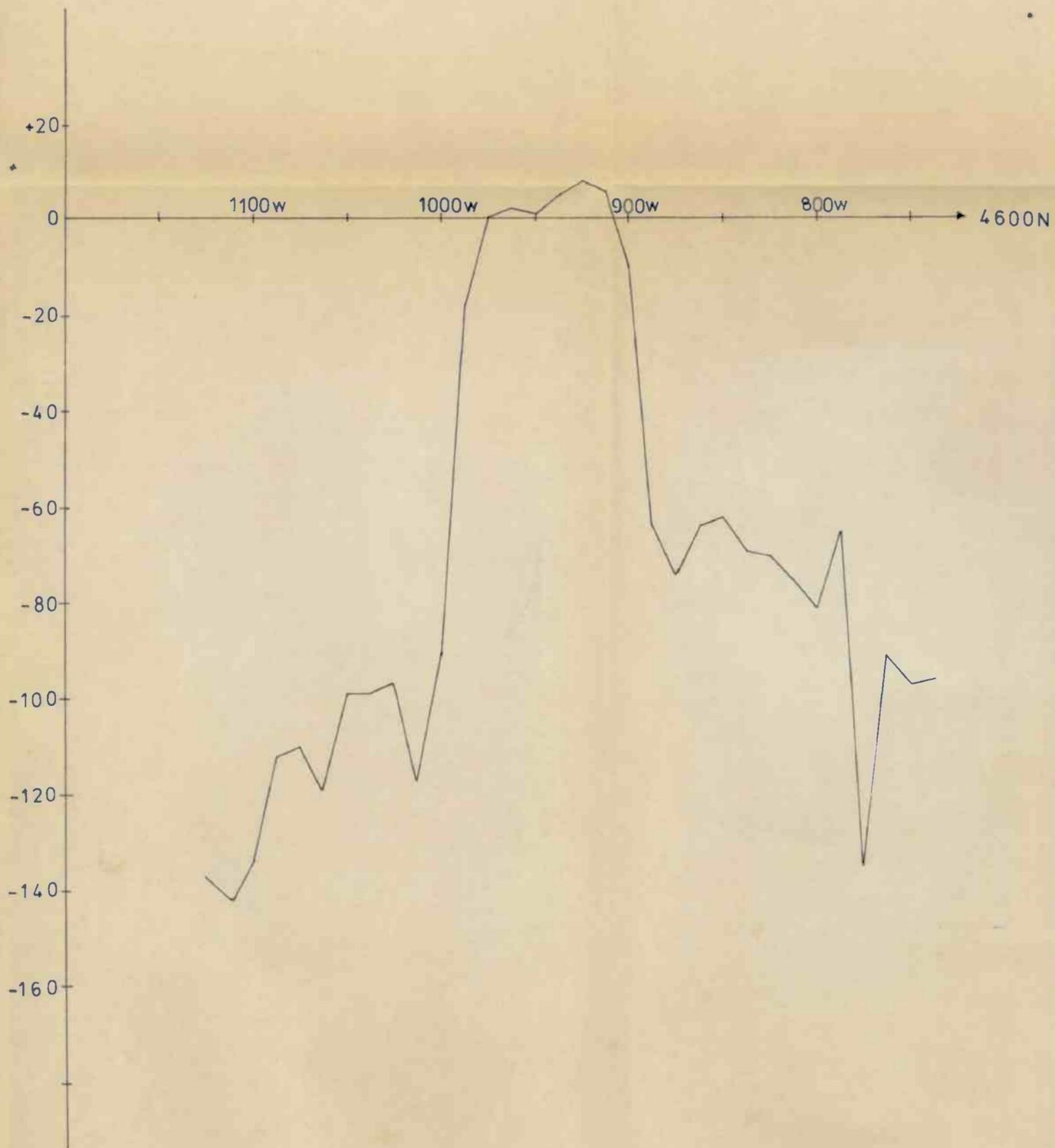


SALGGANGRID, MASI 1775		SCALE	DIS. JA	7-75
PROXAN		1:250	DRAW. JA	7-75
Shoot-back amplitudes			TRAC. JA	7-75
Winkie-drilling in 1975. Ag, Zn			CHK. EK	1-76
		MAP NO.	365-75-17	
% SULFIDMALM				

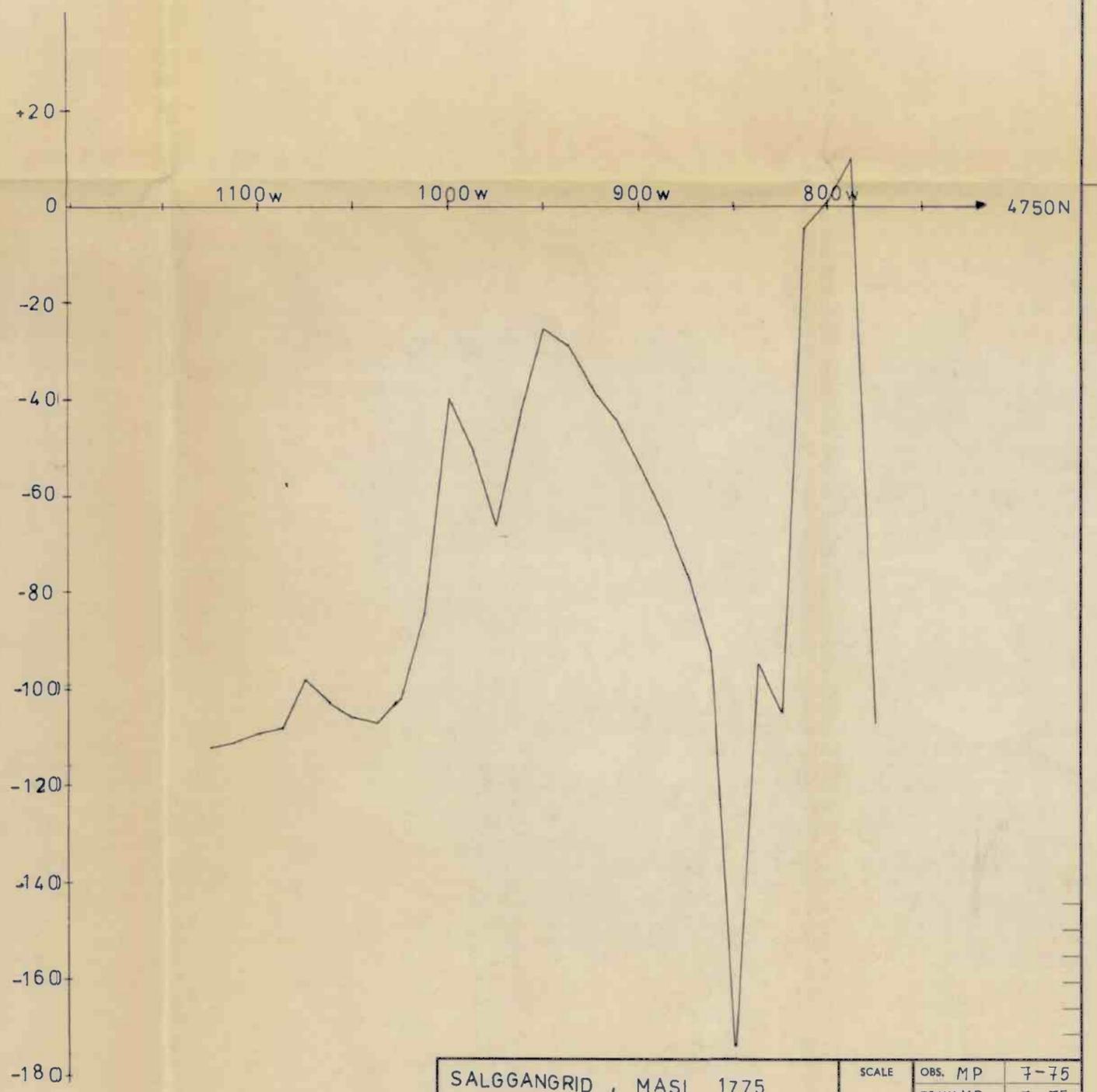
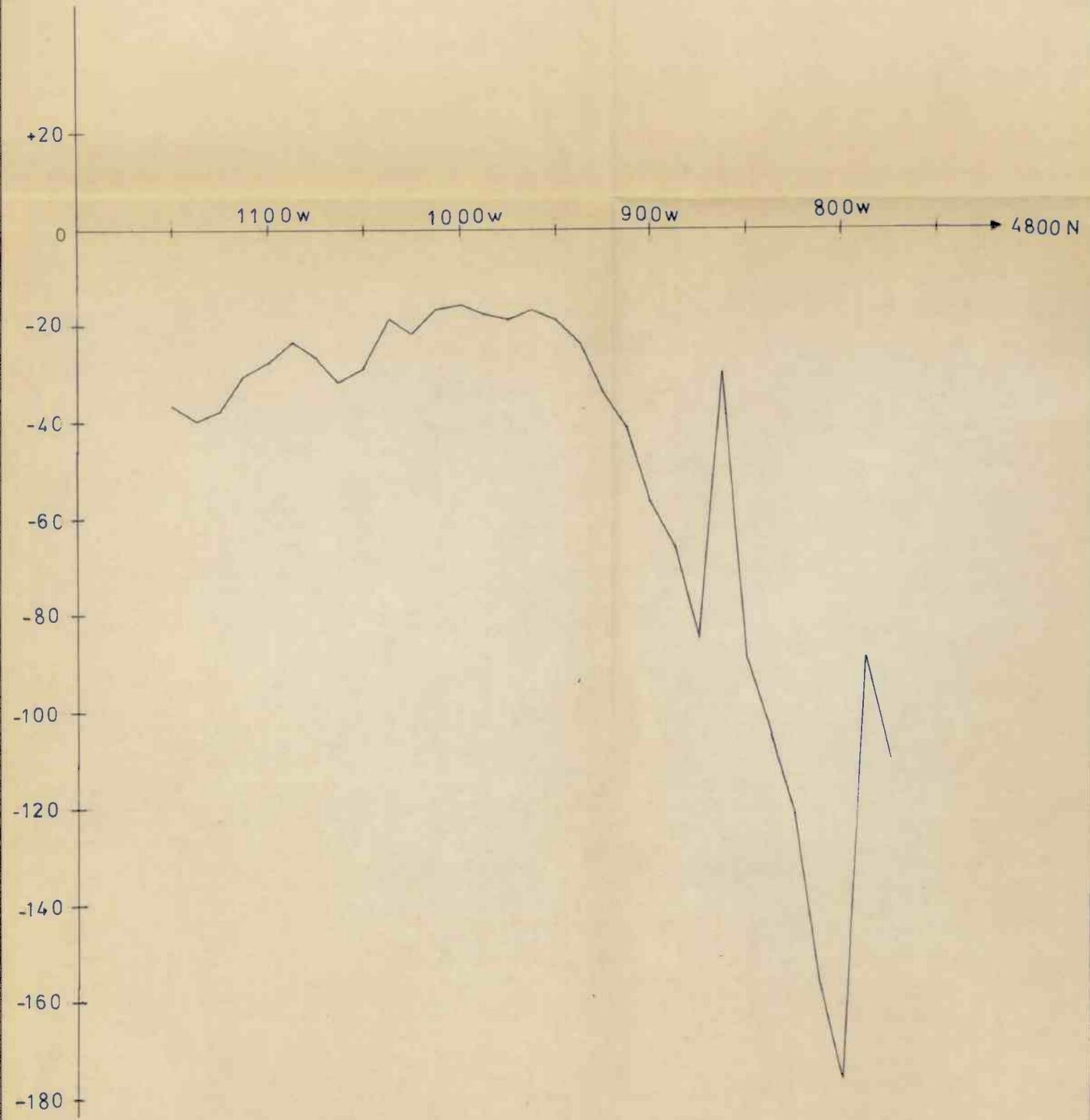
SALGGANGRID, MASI 1775 Proxan shoot-back amplitudes Winkie-drilling in 1975 Ag, Zn



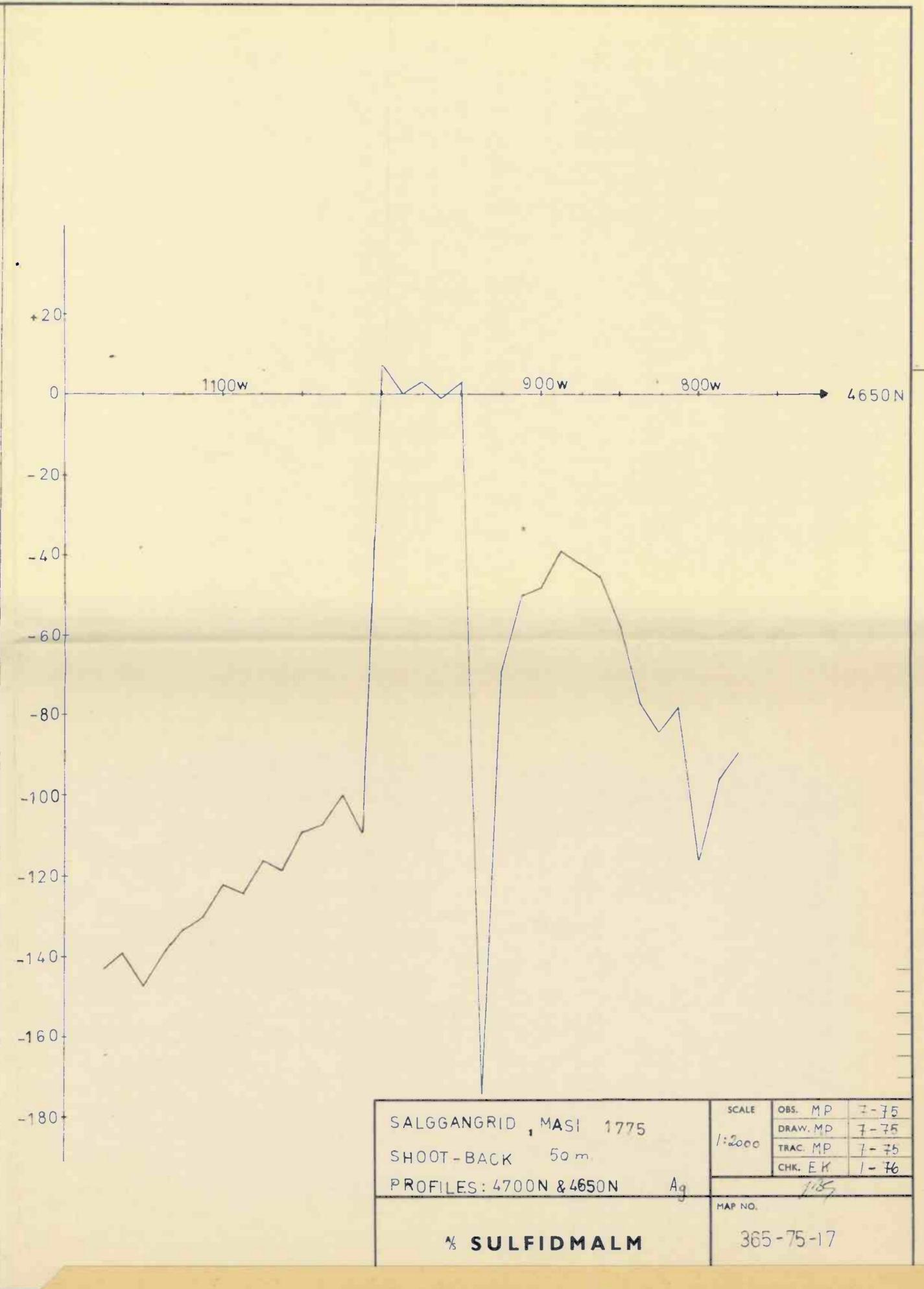
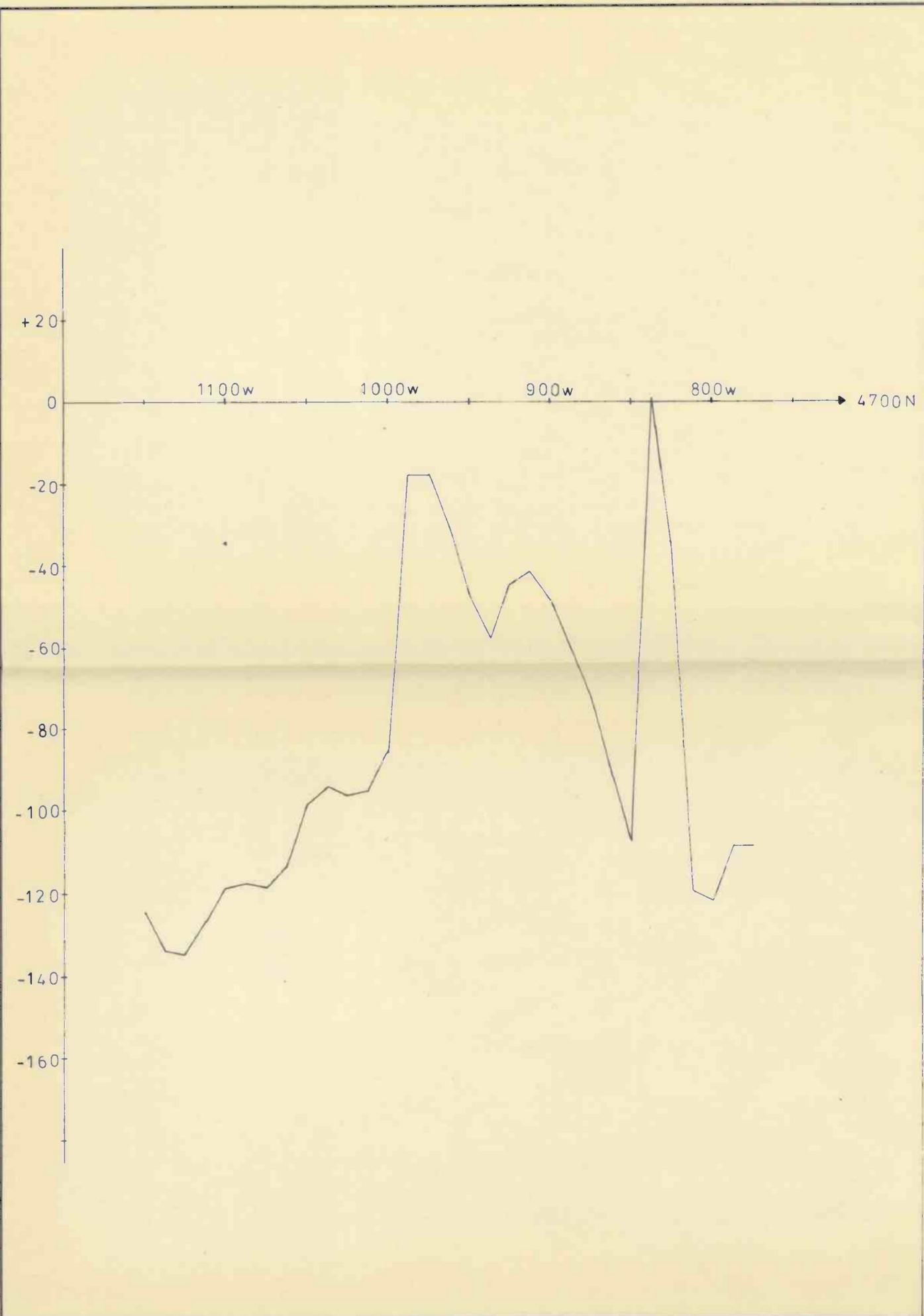
SALGGANGRID, MASI 1775 SHOOT-BACK 50m. PROFILES: 4500N & 4450N Ag	SCALE	OBS. M.P.OH	7-75
	1:2000	DRAW. OH	7-75
½ SULFIDMALM		TRAC. OH	7-75
		CHK. EK	1-76
	MAP NO.	365-75-17	
	MAP SHEET		



SALGGANGRID , MASI SHOOT-BACK 50m. PROFILES : 4600N & 4550N Ag	SCALE	OBS. MP, OH	7-75
	1:2000	DRAW. MP	7-75
		TRAC. MP	7-75
		CHK. EK	1-76
% SULFIDMALM		MAP NO.	365-75-17
		MAP SHEET	



SALGGANGRID , MASI 1775 SHOOT-BACK 50m PROFILES: 4800 & 4750N Ag.	SCALE	OBS. MP	7-75
	1:2000	DRAW. MP	7-75
		TRAC. MP	7-75
		CHK. EK	1-76
% SULFIDMALM		MAP NO.	365-75-17
		MAP SHEET	



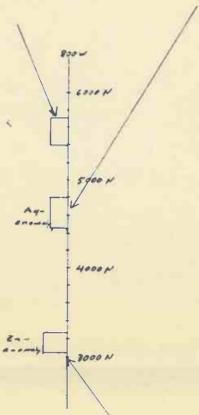
SALGGANGRID, MASI 1775 SHOOT-BACK 50 m. PROFILES: 4700N & 4650N Ag	SCALE	OBS. MP	7-75
	1:2000	DRAW. MP	7-75
		TRAC. MP	7-75
		CHK. EK	1-76
MAP NO.		365-75-17	

% SULFIDMALM

SALGGANGRID, MASI 1775 shoot-back 50m Profiles: 4700N & 4650N Ag.

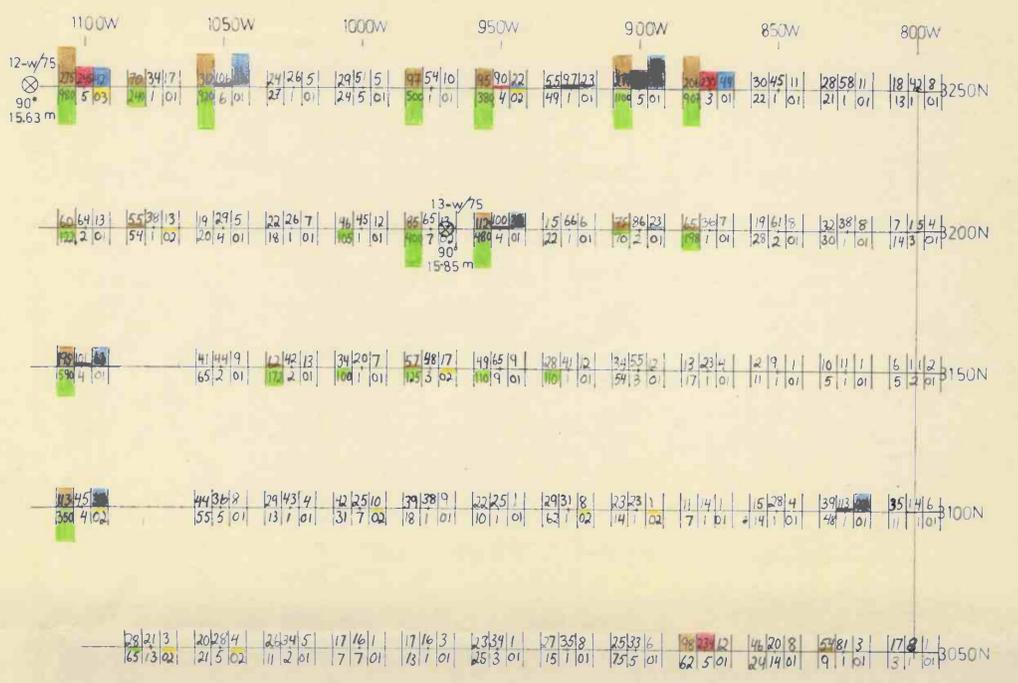
Winkie Drilling

K. J. Torshov, 2001, A. L. E. P. 1021, Sammenheng



Ag	Cu	Ni	Co	Zn	Pb	As
ppm						

Zn-anomaly (Javrehuosjavre - w)



⊗ Winkie-drillhole

	Ni ppm	Cu ppm	Co ppm	Zn ppm	Pb ppm	As ppm x 10 ⁻¹
Possible 90-95%	50-110	90-120	19-25	65-95	37-41	2
Probable 95-98%	70-90	120-170	25-37	95-127	41-48	3
Anomalous 98-100%	90-200	170-300	37-70	127-250	48-100	4-7
	>200	>300	>70	>250	>100	>7

SALGGANGRID, Masi 1774
DETAIL Till-sampling drilling ASSAYS

SCALE 1:1250

MAP NO. 365-75-17

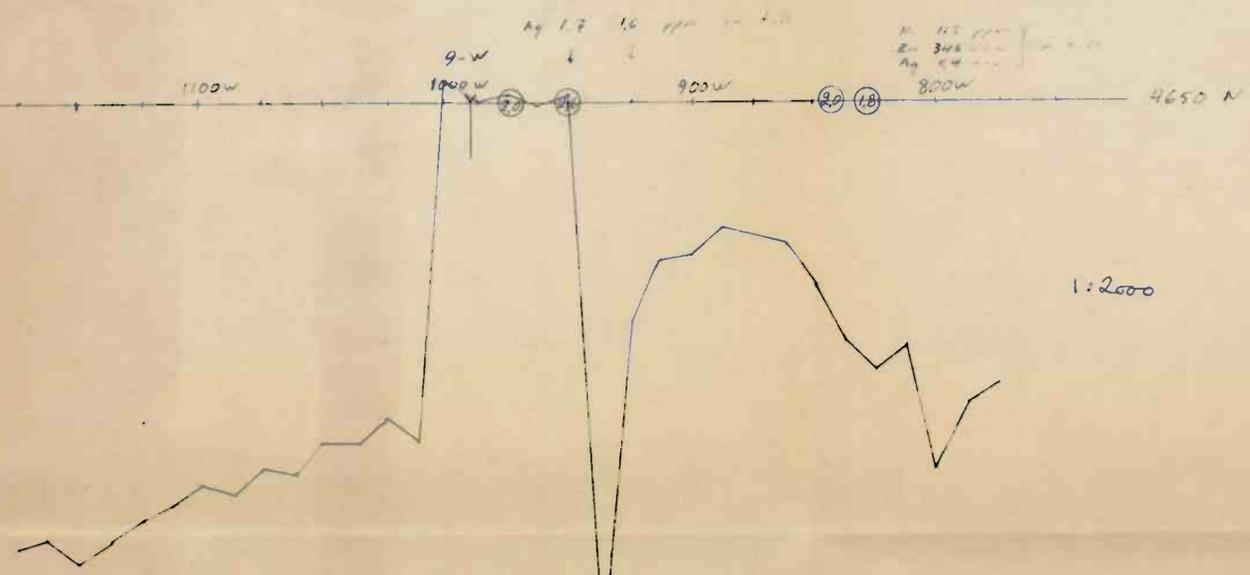
MAP SHEET 1834 II B

DATE 10-74

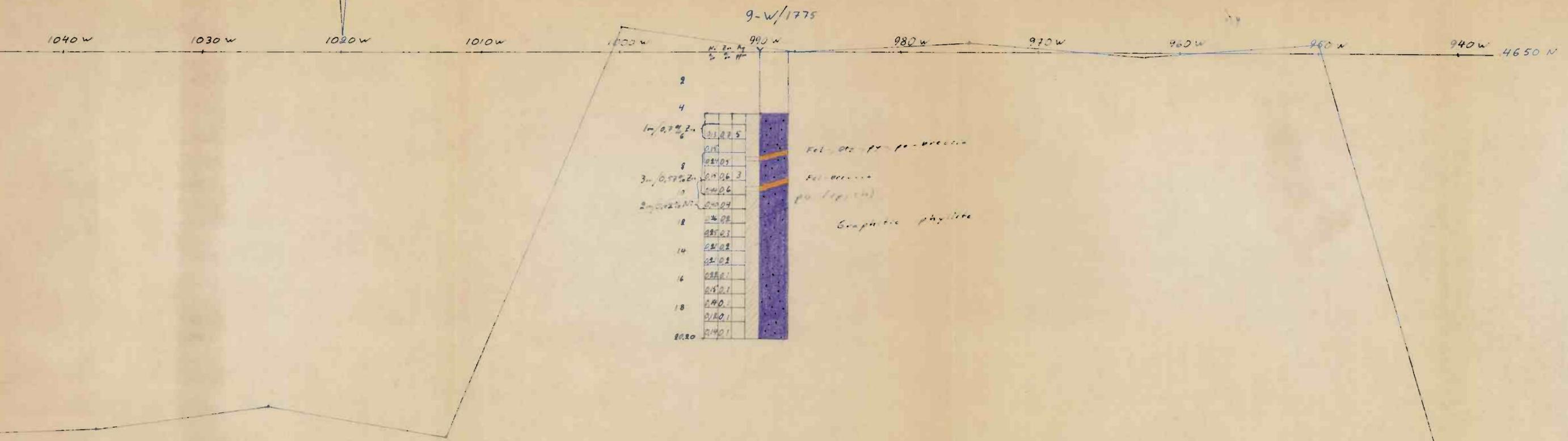
DRAW. MS 1-75

CHK. EK 1-75

1834

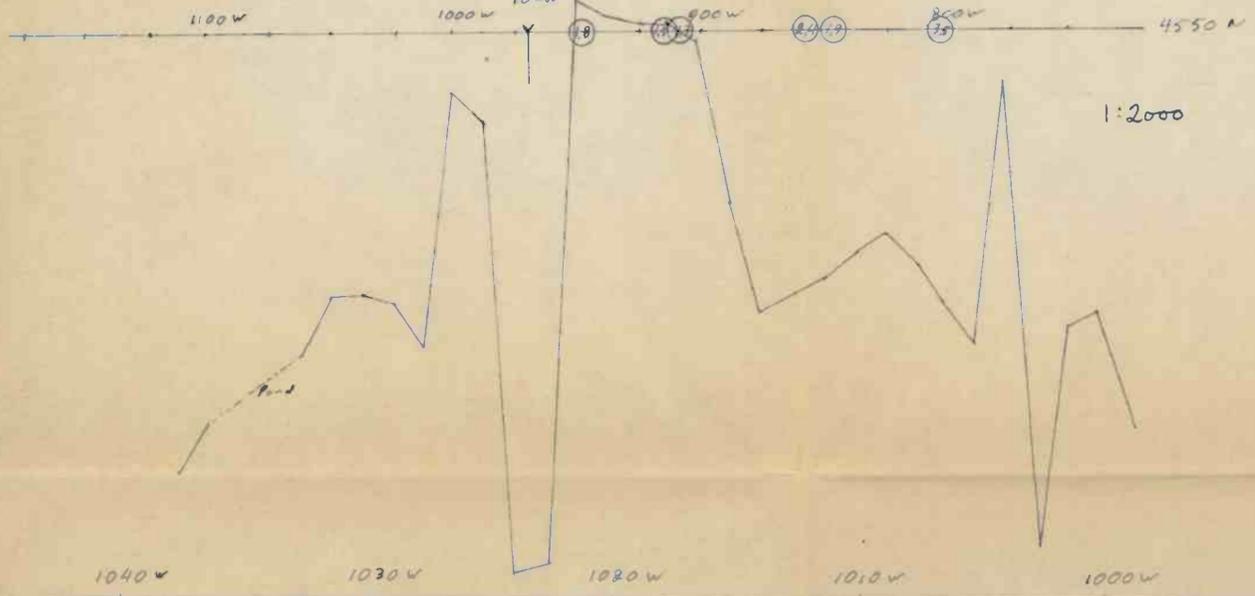


- SHOOT-BACK-EM
- VLF-EM
- PROXAN-EM WITH DEPTH TO CONDUCTOR
- MINERALIZED BLOCK
- MINERALIZATION IN BEDROCK
- GOSSAN



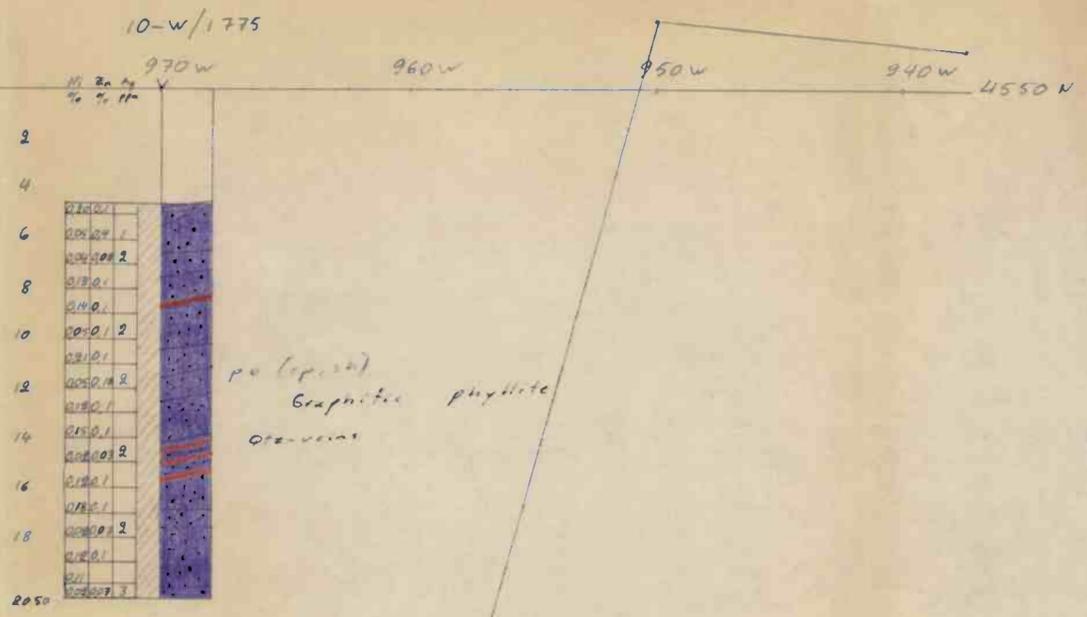
MASI 1775 SALGGANGRID JAVREHUOSJOKKA -W-Ag Winkie drilling	9-W 4650N	SCALE	OBS. LN	9-75
		1:200	DRAW. EK	9-75
			TRAC. EK	2-76
			CHK. EK	2-76
		9851		
½ SULFIDMALM		MAP NO.	365/75/17	
		MAP SHEET		

PA 120 Z-22817
A9 4,8 1,1 1,2 11- 2- 1-2

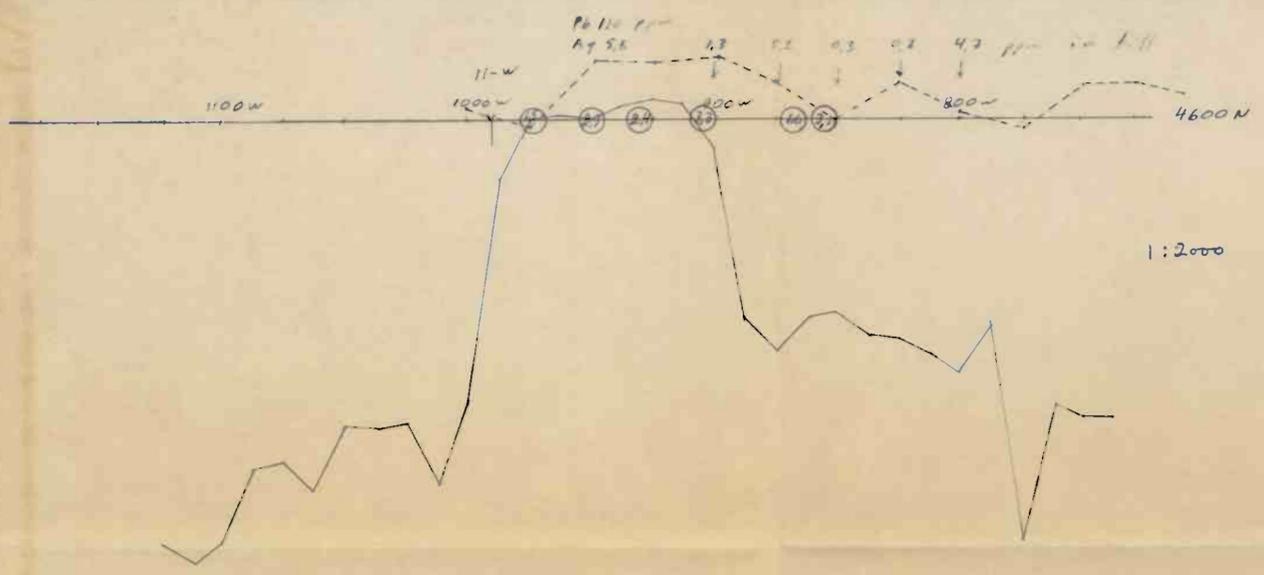


- SHOOT-BACK-EM
- VLF-EM
- PROXAN-EM WITH DEPTH TO CONDUCTOR
- MINERALIZED BLOCK
- MINERALIZATION IN BEDROCK
- GOSSAN

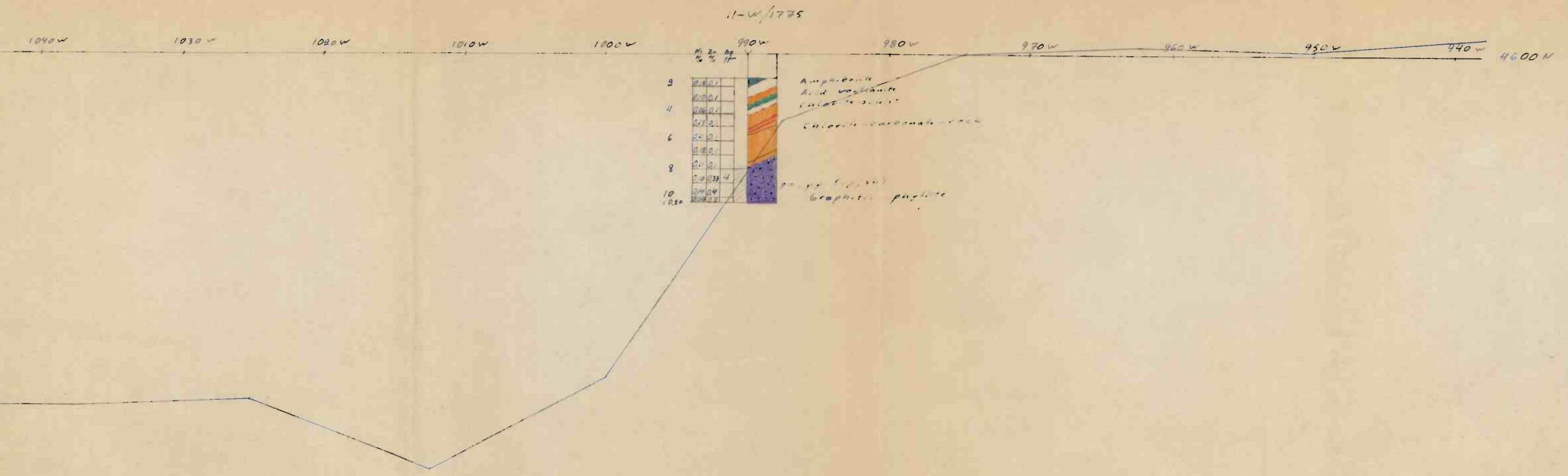
1040W 1030W 1020W 1010W 1000W 990W 980W 970W 960W 950W 940W 4550N



MASI 1775 SALGGANGRID JAVREHUOSJOKKA -W-Ag Winkie drilling 4550N	10-W	SCALE	OBS. LN	9-75
		1:200	DRAW. EK	9-75
			TRAC. EK	2-76
			CHK. EK	2-76
1/2 SULFIDMALM		MAP NO.		
		365/75/17		
		MAP SHEET		



- SHOOT-BACK-EM
- VLF-EM
- PROXAN-EM WITH DEPTH TO CONDUCTOR
- MINERALIZED BLOCK
- MINERALIZATION IN BEDROCK
- GOSSAN



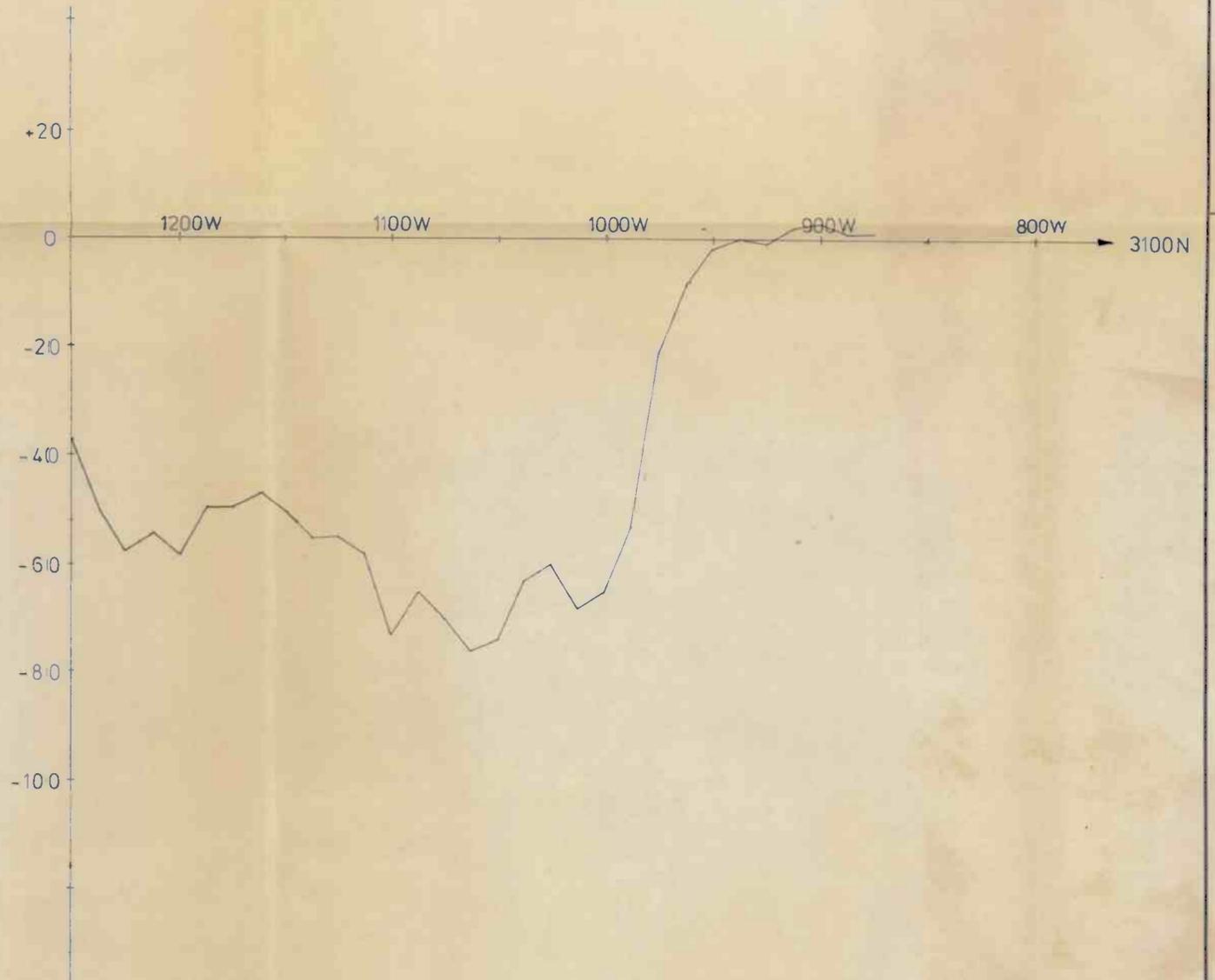
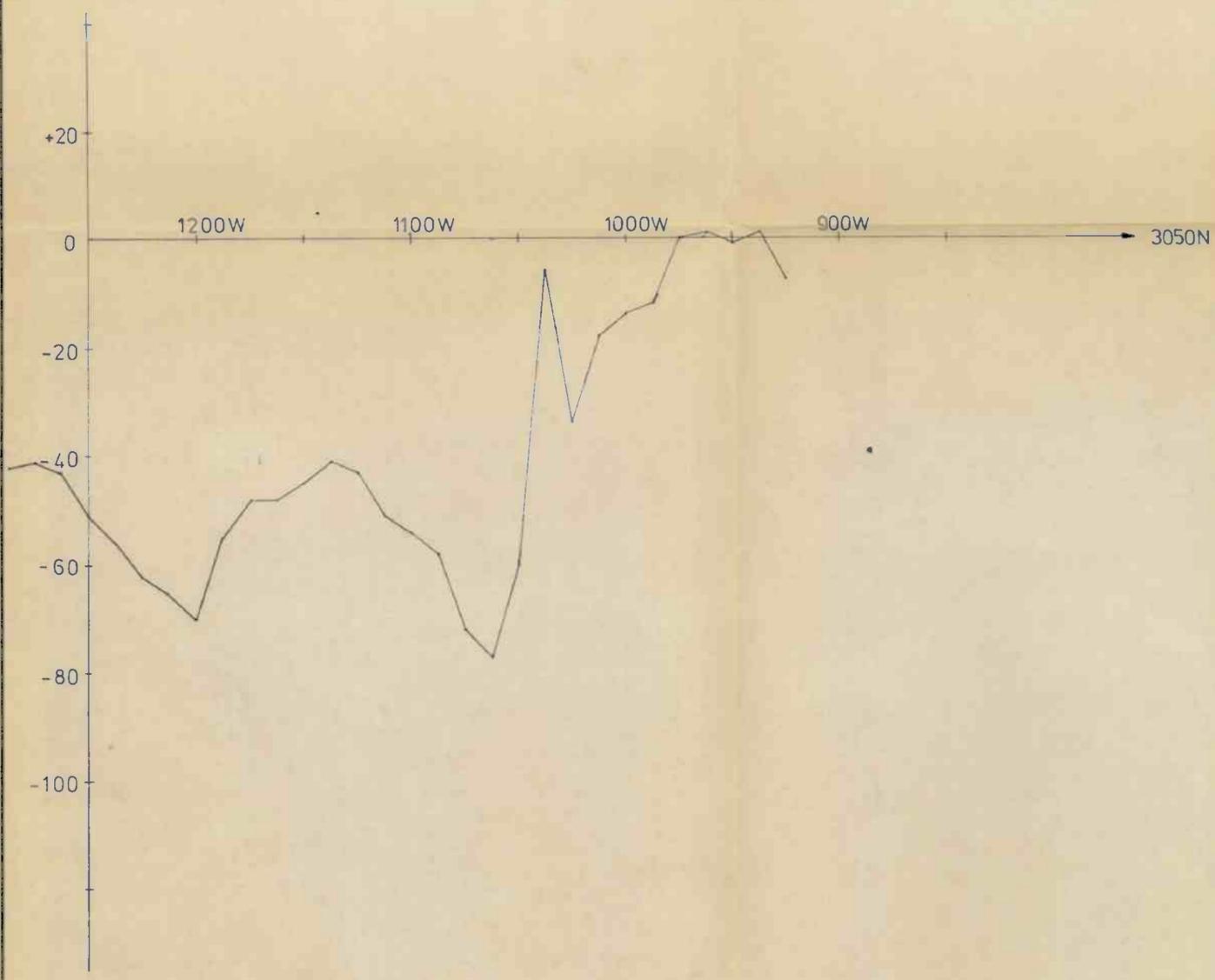
M.	Z.	Ag	%	%	ppm
2	0.10				
4	0.01				
6	0.0				
8	0.0				
10	0.039	4			
	0.04				
	0.02				

Amphibole
A. d. vaskanta
Chlorite-carbonate rock
Graphitic phyllite

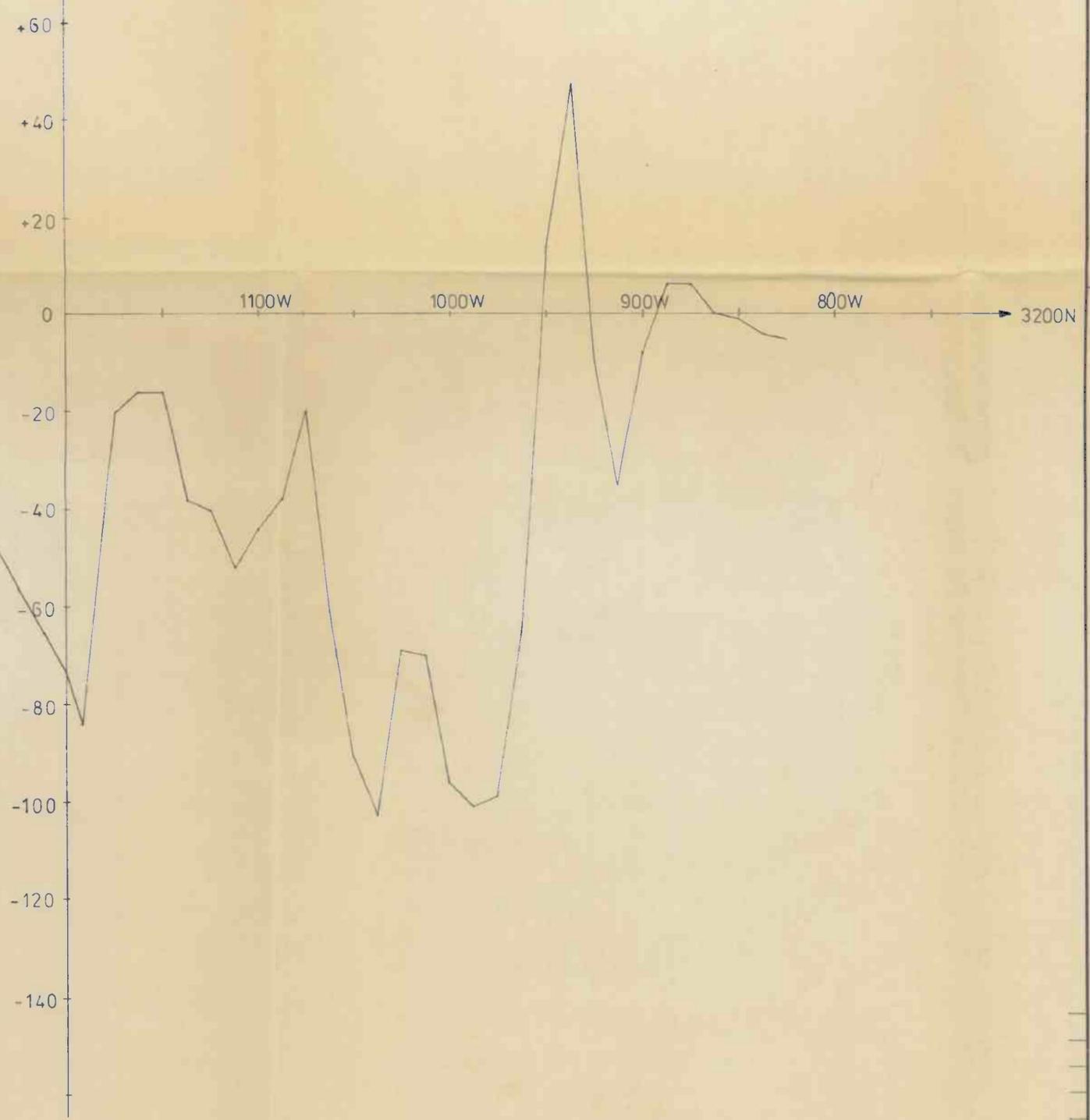
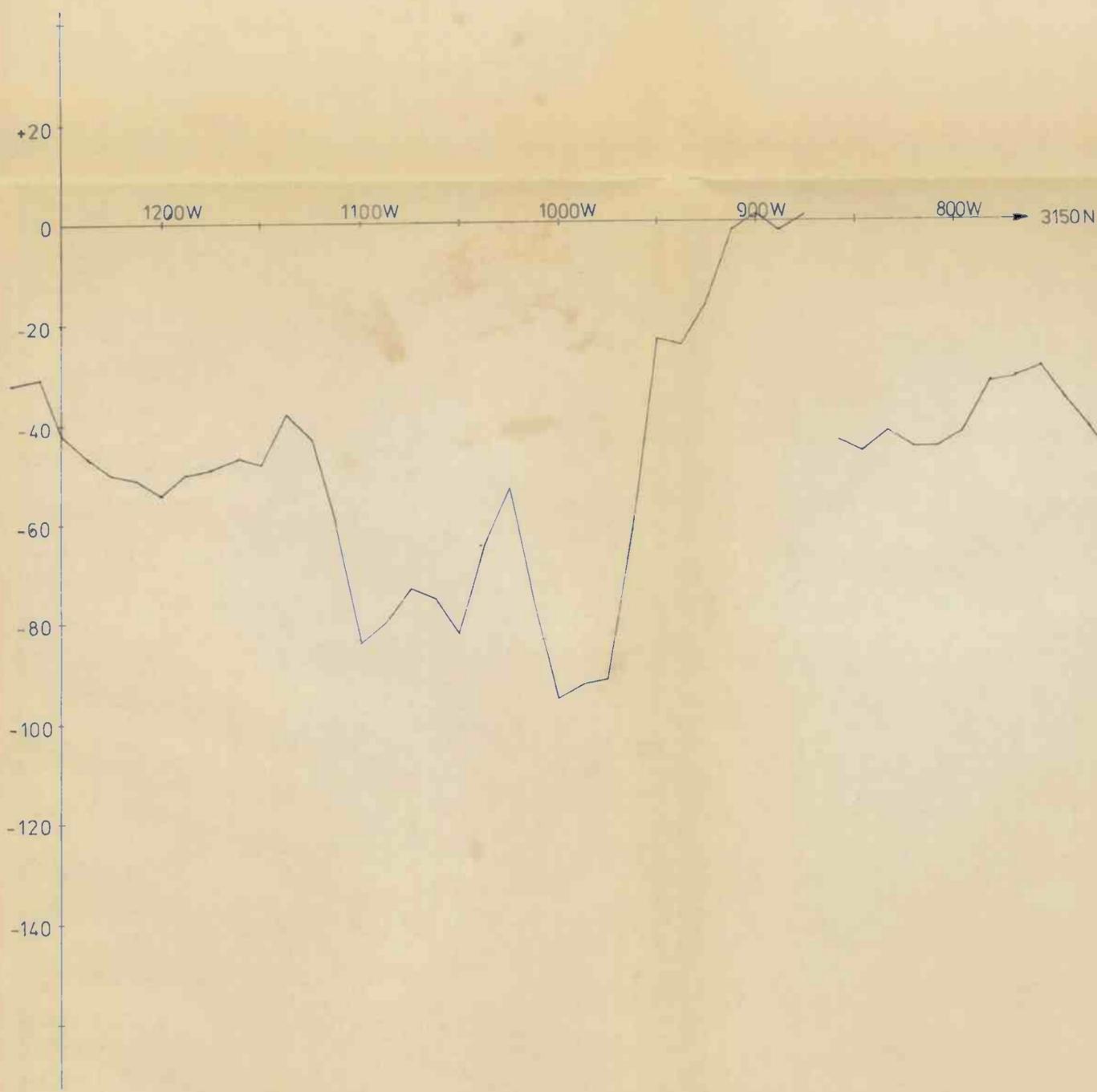
Only one sample was analysed for Ag

MASI 1775	11-W	SCALE	OBS. LN	9-75
SALGGANGRID		1:200	DRAW. EK	9-75
JAVREHUOSJOKKA -W-Ag			TRAC. EK	2-76
Winkie drilling	4600N		CHK. EK	2-76
SULFIDMALM		MAP NO. 365/75/17		
		MAP SHEET		

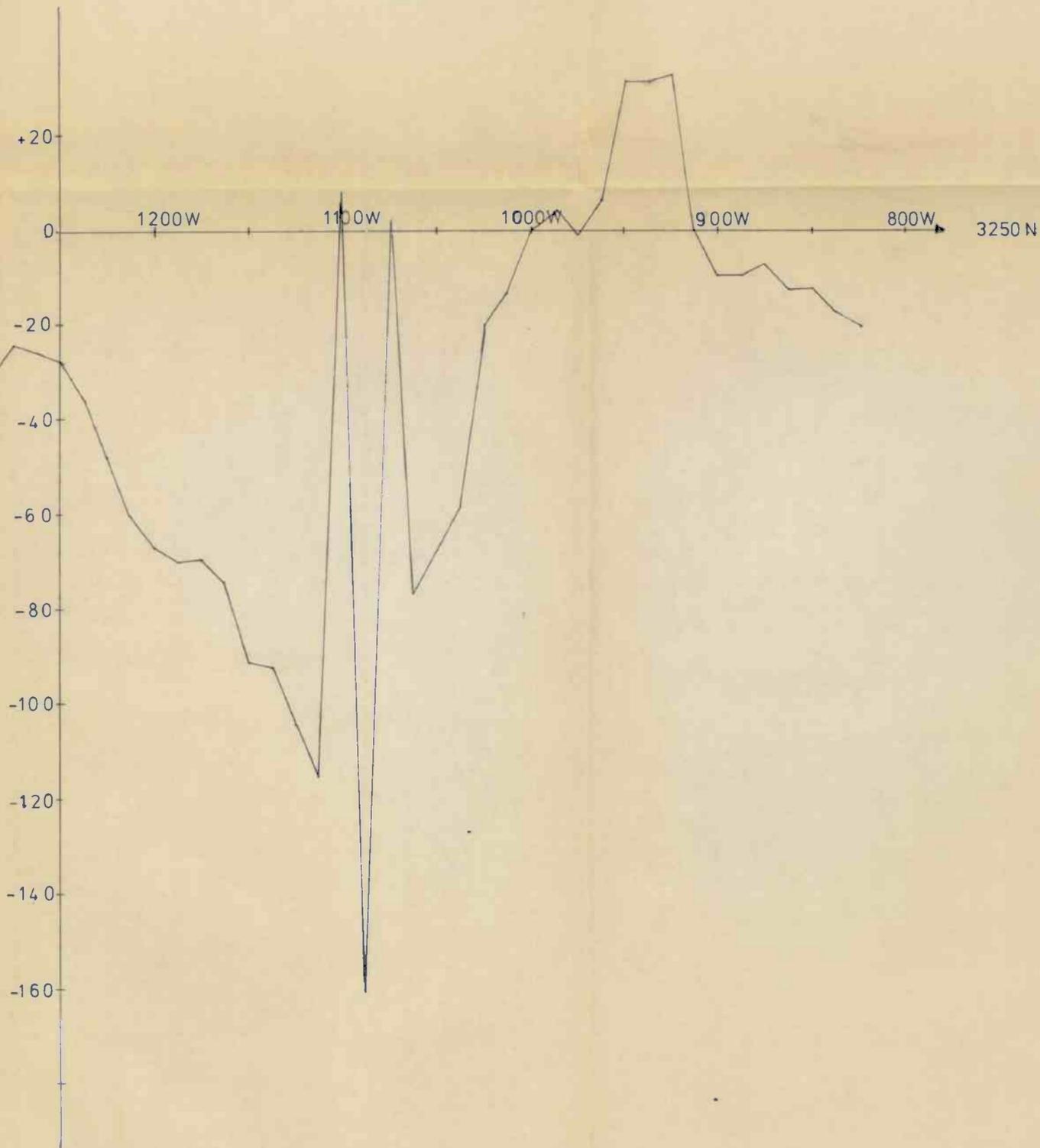
Geophysics



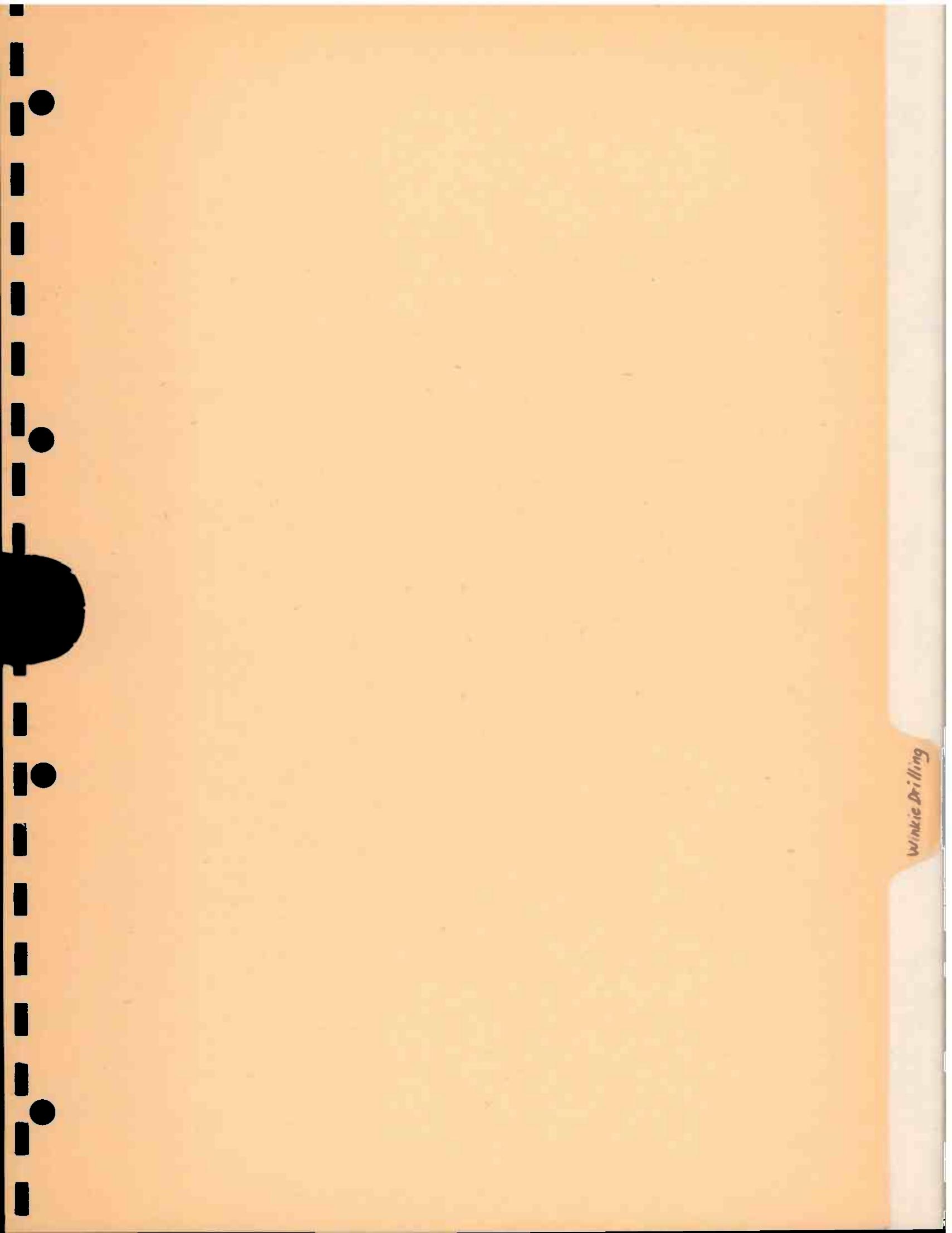
SALGGANGRID, MASI 1775 SHOOT-BACK 50m PROFILES: 3050N & 3100N	Zn	SCALE	OBS. MP, OH	7-75
		1:2000	DRAW. OH	7-75
			TRAC. OH	7-75
			CHK. E.K	1-76
% SULFIDMALM		MAP NO.		
		365-75-17		
		MAP SHEET		



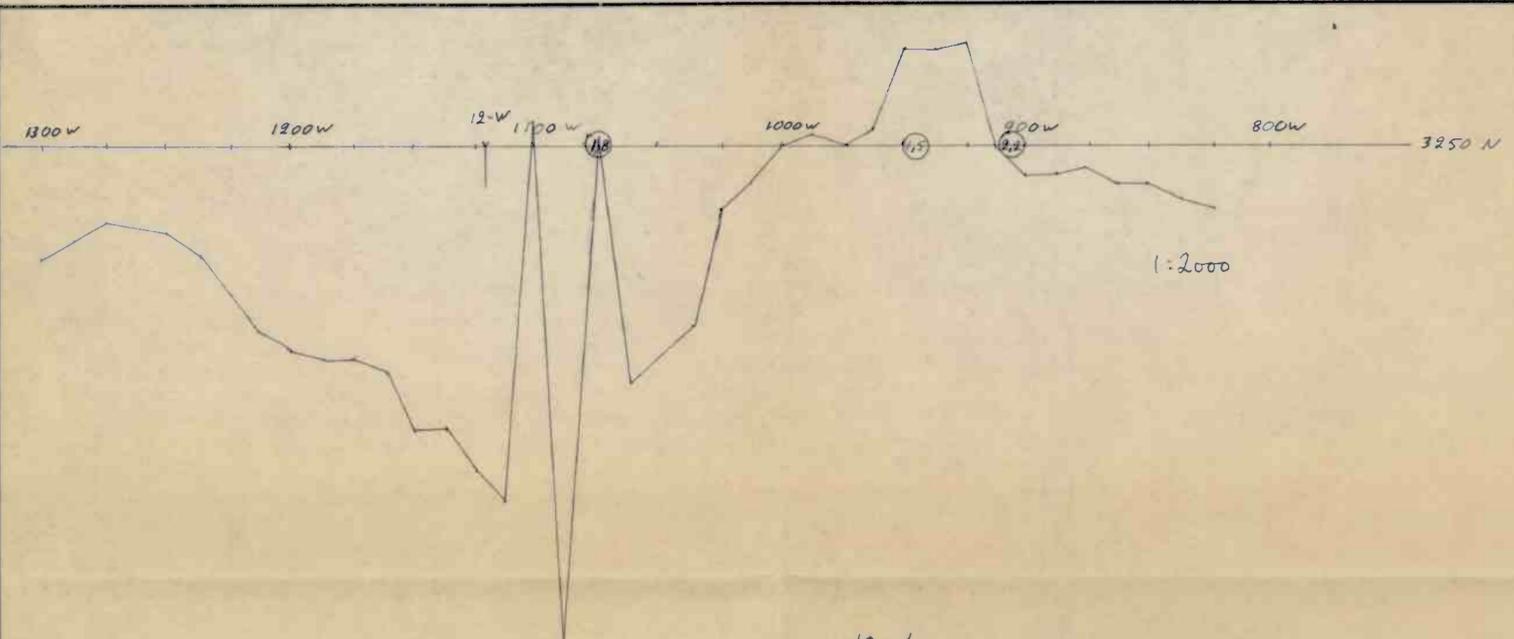
SALGGANGRID, MASI 1775 SHOOT-BACK 50 m PROFILES: 3150 N & 3200 N	SCALE	OBS. MPOH	7-75
	1:2000	DRAW. OH	7-75
% SULFIDMALM		TRAC. OH	7-75
		CHK. EK	1-75
	MAP NO.	365-75-17	
	MAP SHEET		



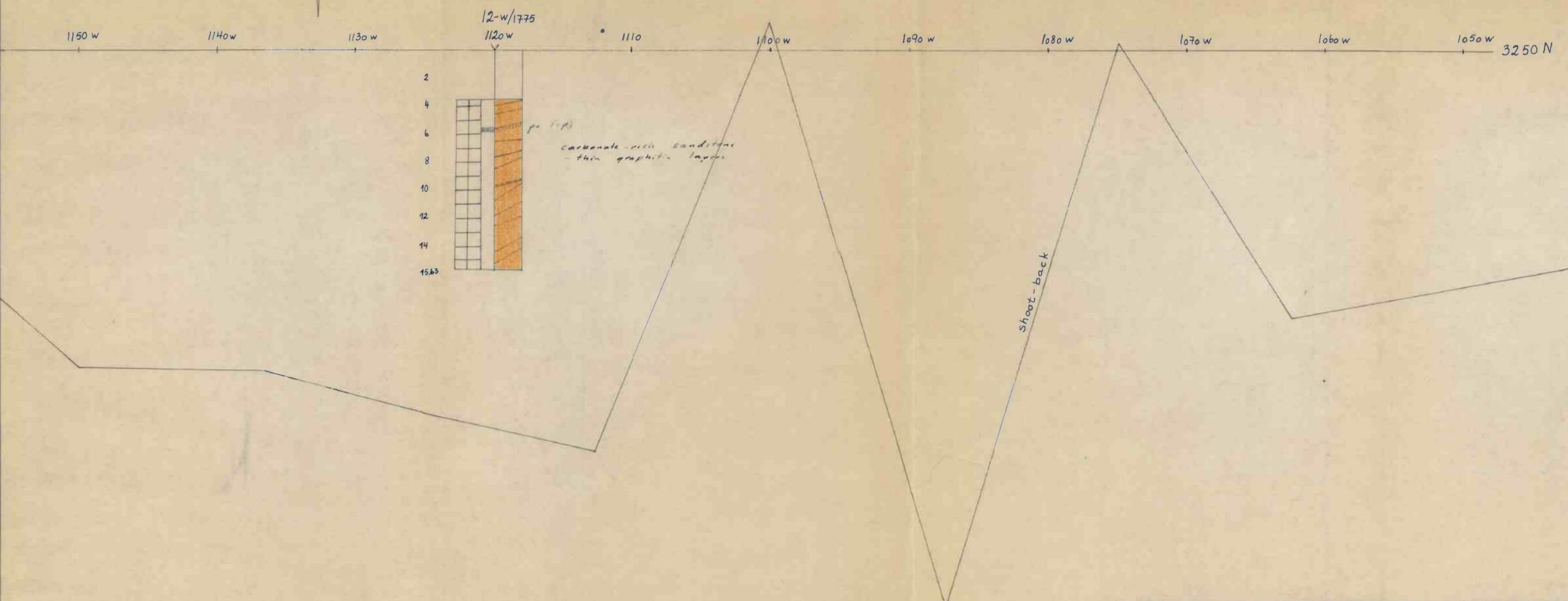
SALGGANGRID, MASI SHOOT-BACK 50m 1775 PROFILES: 3250N & Zn	SCALE	OBS. MP	OH	7-75
	1:2000	DRAW. MP		7-75
		TRAC. MP		7-75
		CHK. EK		1-76
MAP NO.		365-75-17		
MAP SHEET				



Winkie Drilling

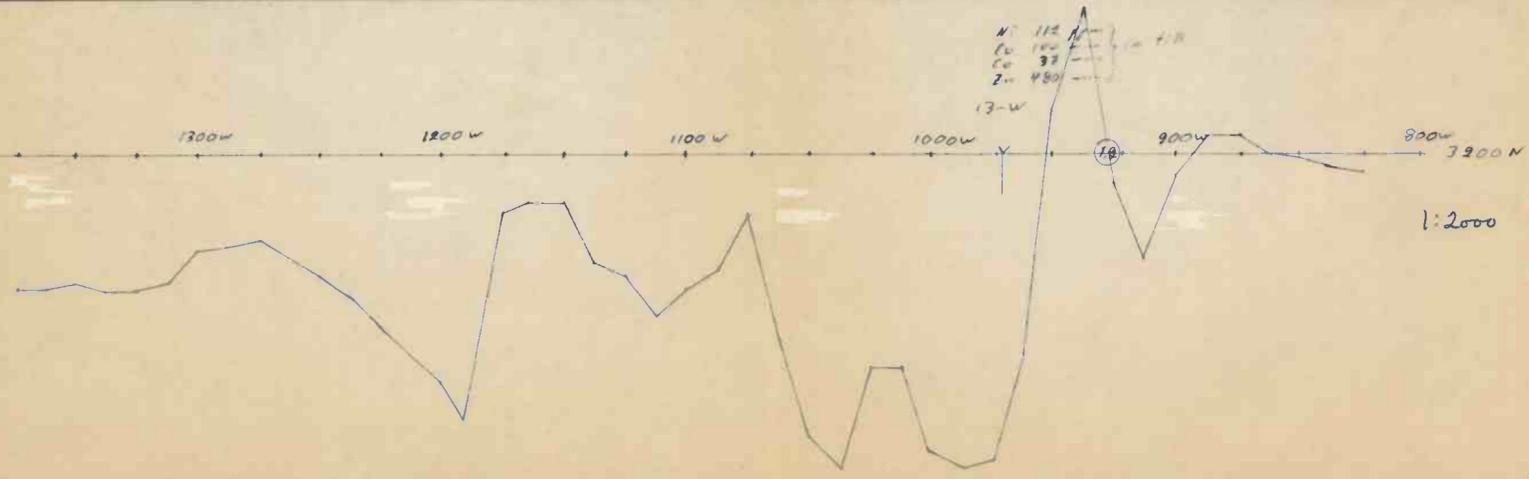


- SHOOT-BACK-EM
- VLF-EM
- PROXAN-EM WITH DEPTH TO CONDUCTOR
- MINERALIZED BLOCK
- MINERALIZATION IN BEDROCK
- GOSSAN

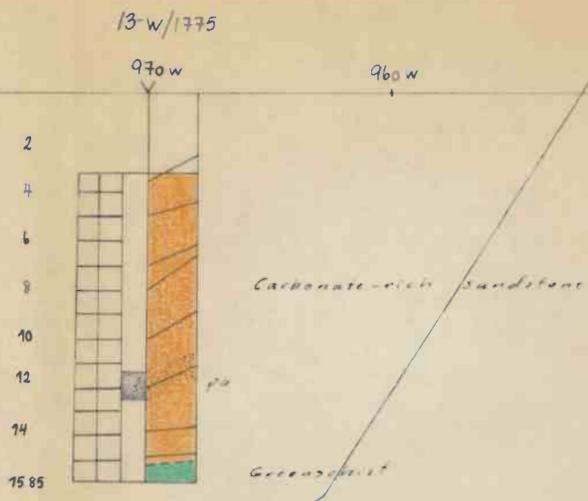
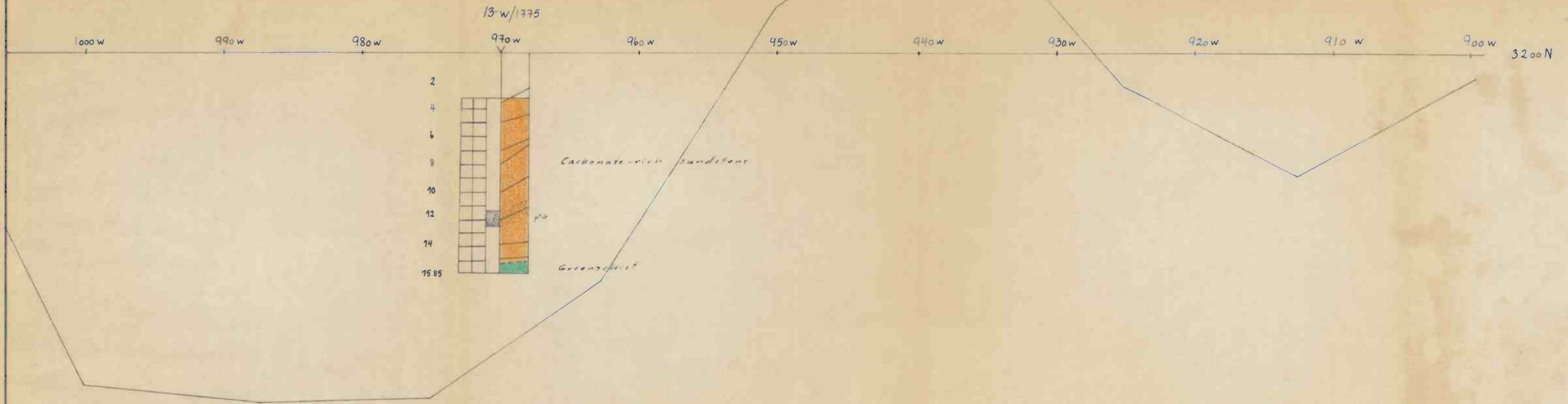


MASJ 1775	12 w	SCALE	OBS. LN	9-75
SALGGANGRID		1:200	DRAW. EK	10-75
JAVREHUOSJAVRRE-W-Zn.			TRAC. BB	11-75
Winkie drilling	3200 N		CHK.	3-76
1/2 SULFIDMALM			MAP NO.	365-75-17
			MAP SHEET	

N: 112
Cu: 100
Co: 37
Zn: 480



- SHOOT-BACK-EM
- VLF-EM
- PROXAN-EM WITH DEPTH TO CONDUCTOR
- MINERALIZED BLOCK
- MINERALIZATION IN BEDROCK
- GOSSAN



MASI 1775 SALGGANGRID JAVREHUOSJAVRRE -W, -Zn. Winkie drilling	SCALE	OBS. LN	9-75
	1:200	DRAW. EK	10-75
13 w 3200N		TRAC. BB	11-75
		CHK.	3-76
SULFIDMALM	MAP NO.	365-75-17	
	MAP SHEET		

A/S SULFIDMALM
INTER-OFFICE MEMORANDUM

Date: 7th July, 1977
To: Falconbridge Nikkelverk A/S
cc: W. D. Harrison, H. T. Berry, R. Jahnsen,
R. B. Band, E. Kreivi
From: J. B. Gammon
Subject:

Report No. 365/75/17. Zinc and Silver anomaly areas
Salgangrid. Masi area.

The attached report summarises, for the record, winkle drilling results on two areas selected because of anomalous till-geochemistry values for Zn and Ag respectively. Nothing of promise was found and no further work is planned.



A handwritten signature in cursive script, appearing to read 'J. B. Gammon', is written over a horizontal dashed line.