



Bergvesenet

Postboks 3021, 7002 Trondheim

Rapportarkivet

Bergvesenet rapport nr BV 531	Intern Journal nr	Internt arkiv nr	Rapport lokalisering Trondheim	Gradering Åpen
Kommer fra ..arkiv Falconbridge	Ekstern rapport nr Sul 432-76-20	Oversendt fra Sulfidmalm A/S	Fortrolig pga	Fortrolig fra dato:
Tittel Investigations in the Kvikne region, 1976. Geophysical investigations in the Storinnsjølfloen north grid. Vakkerlien, Kvikne.				
Forfatter F Nixon R Sivertsen		Dato 1976	Bedrift Sulfidmalm A/S	
Kommune Tynset	Fylke Hedmark	Bergdistrikt Østlandske	1: 50 000 kartblad 16203	1: 250 000 kartblad Røros
Fagområde Geofysikk	Dokument type Rapport	Forekomster Vakkerlien		
Råstofftype Malm/metall	Emneord Cu Ni			
Sammendrag Denne har vi to eksemplarer av i Trondheim				

A/S SULFIDMALM
INTER-OFFICE MEMORANDUM

Date: 5th May, 1977
To: Falconbridge Nikkelverk A/S
cc: W. D. Harrison, H. T. Berry, R. Jahnsen,
F. Nixon, R. Sivertsen
From: J. B. Gammon
Subject:

Report No. 432/76/20, Storinnsjøfloen north grid, Vakkerlien.

This report details geophysical results on a possible mag-EM target north west of the Vakkerlien mineralized zone. No high priority drill targets were outlined.

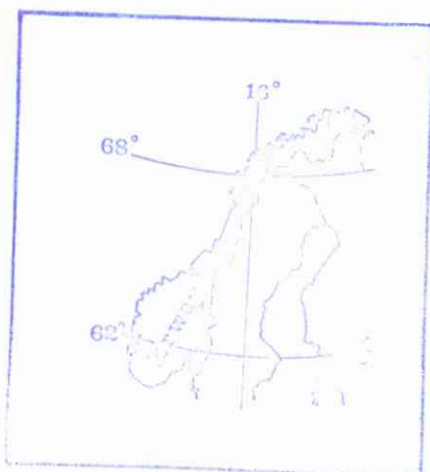
A handwritten signature in cursive script, appearing to read 'J. B. Gammon', is written over a horizontal dashed line.

FOR FALCONBRIDGE NIKKELVERK A/S
A/S SULFIDMALM
Project 905-20
INVESTIGATIONS IN THE KVIKNE REGION
1976

Geophysical investigations in the
Storinnsjøfloen north grid.

Vakkerlien, Kvikne.

By
F. Nixon
R. Sivertsen



SUMMARY

The Storinnsjøfloen north grid lies to the NW of the Vakkerlien showing, the location being shown on enclosure 1.

A V.L.F. anomaly picked up during the 1976 winter survey (report nr. 403.76.20) was detailed during the summer on 50 m line spacings with readings every 25 m for V.L.F. and every 5 m for proton magnetic measurements.

Instruments used were a Norwegian Paulsen V.L.F. unit and a Scrintrex MP2 proton unit.

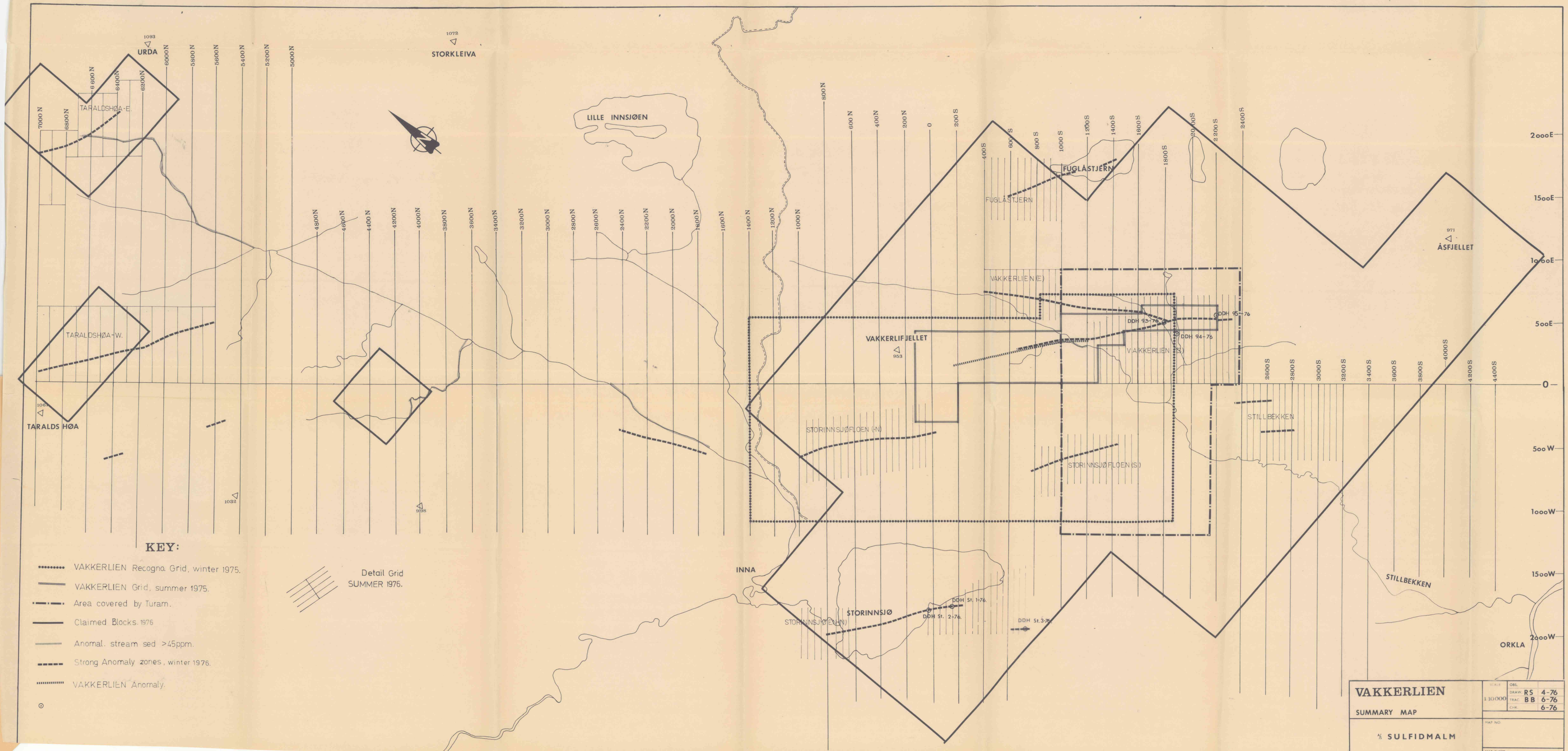
The results are presented on the enclosed maps.

The anomaly shows up as a weak, broad, dip-angle cross over running through the grid from 1000N-625W to 0-425W, no magnetic anomalies are associated with this anomaly.

A magnetic anomaly running from 250N/225W to 0/250W has no V.L.F. association.

Enclosures:

1. Vakkerlien area with grid location 1:50,000
2. Vakkerlien summary map 1:10,000
3. V.L.F. data (3 sheets) 1:1000
4. Mag. data (2 sheets) 1:1000



KEY:

- VAKKERLIEN Recogno. Grid, winter 1975.
- VAKKERLIEN Grid, summer 1975.
- - - Area covered by Turam.
- Claimed Blocks, 1976
- Anomal. stream sed >45ppm.
- Strong Anomaly zones, winter 1976.
- VAKKERLIEN Anomaly.

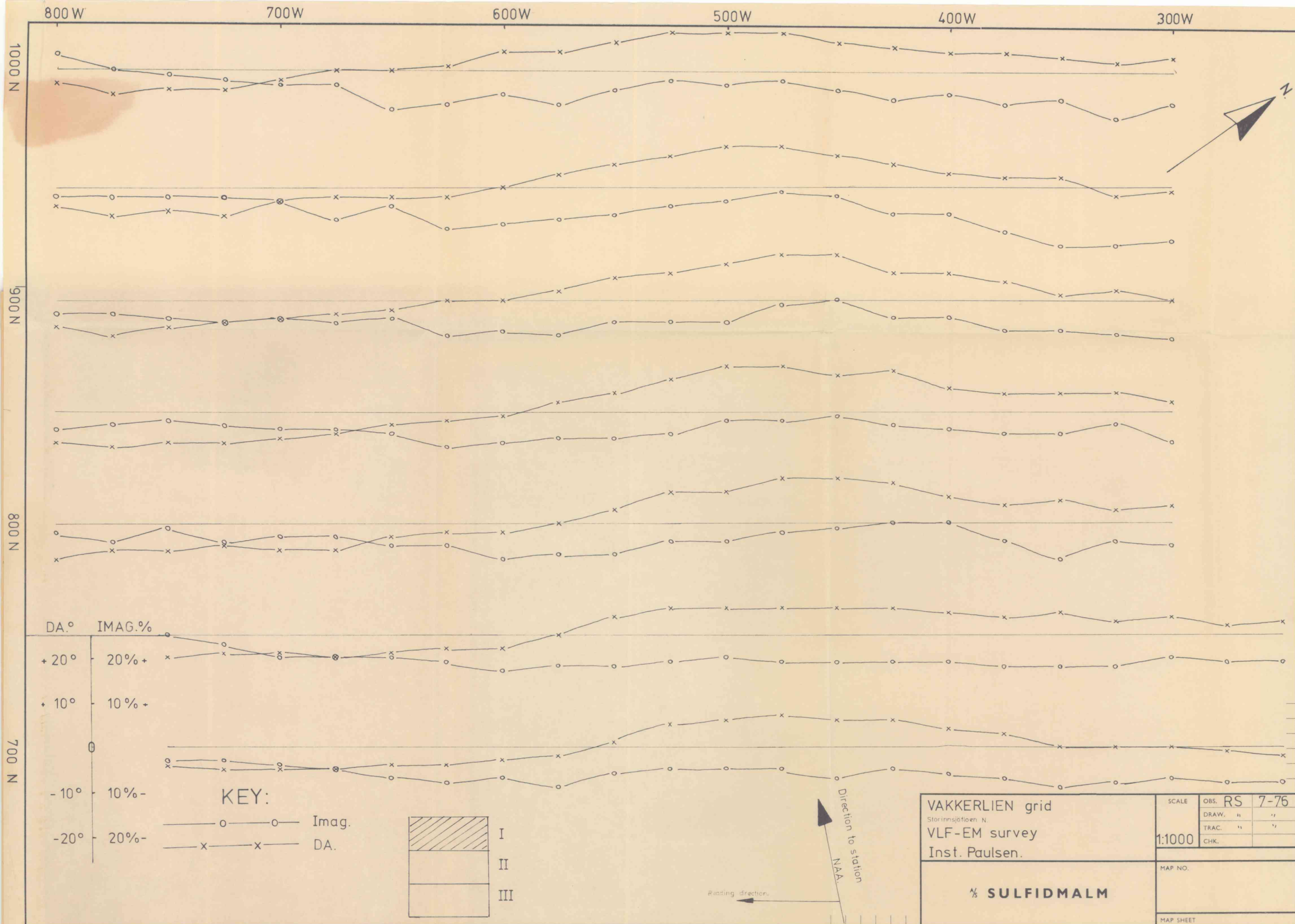
Detail Grid
SUMMER 1976.

VAKKERLIEN

SUMMARY MAP

% SULFIDMALM

SCALE	OBS.	RS	4-76
1:10000	DRAW.	BB	6-76
	TRAC.	BB	6-76
	CHK.	BB	6-76
MAP NO.			
MAP SHEET			



700W

600W

500W

400W

300W

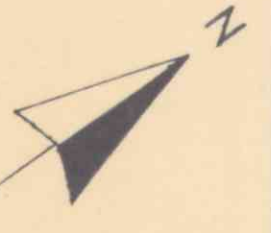
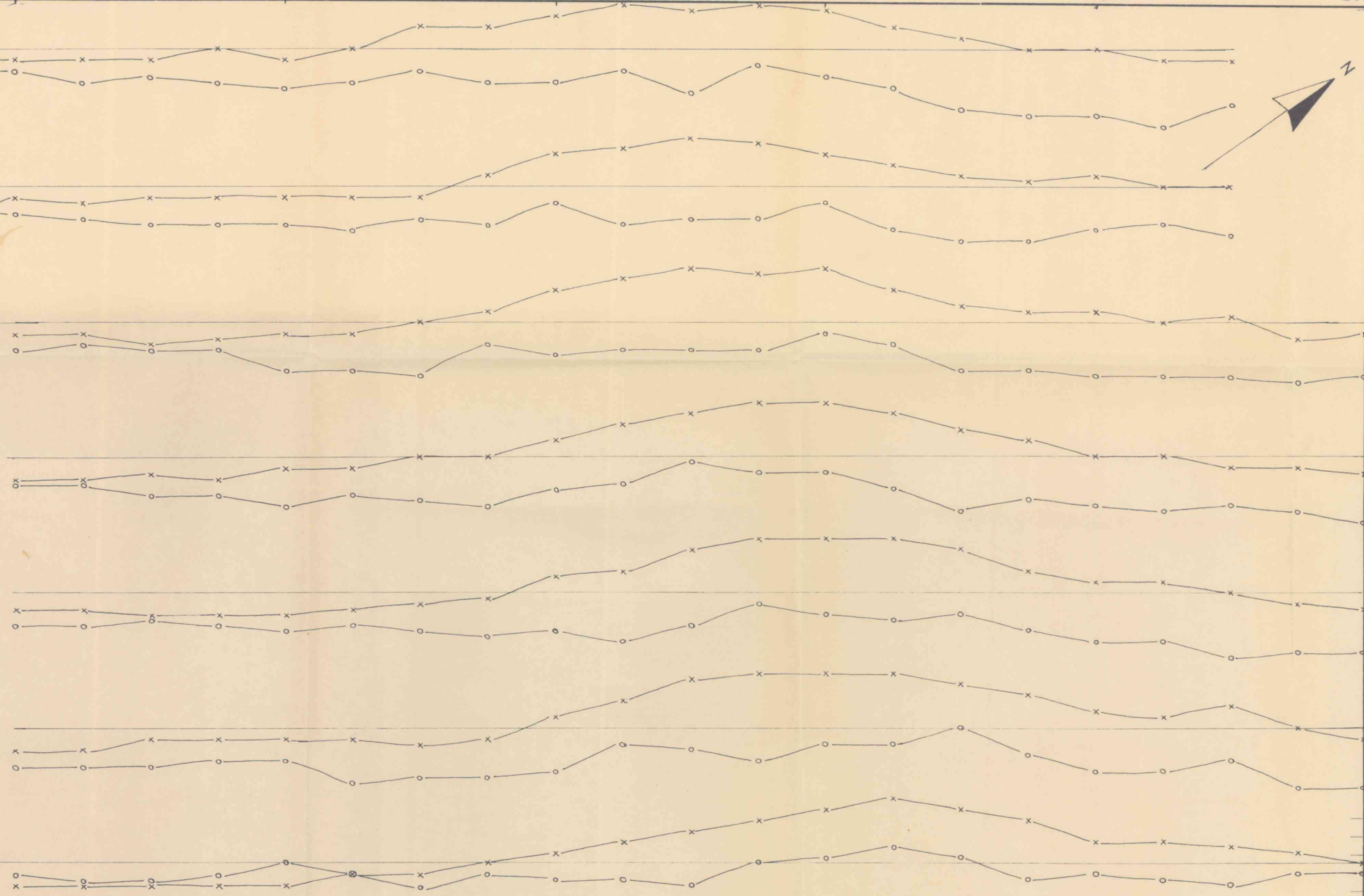
200W

N00N

N00N

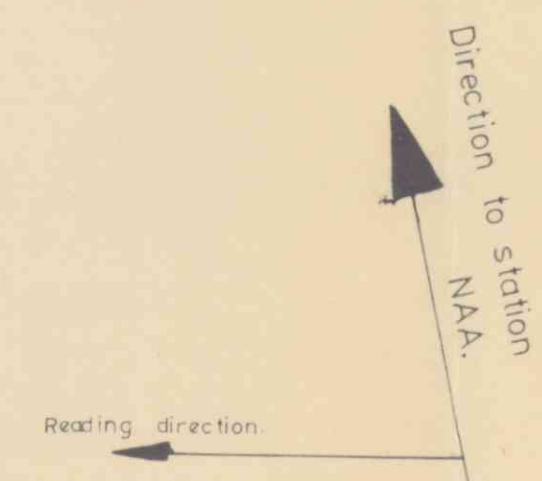
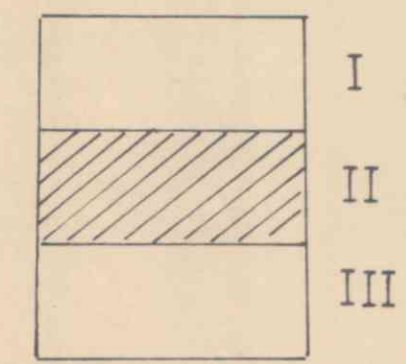
N00N

DA.° IMAG.%
+ 20° 20% +
+ 10° 10% +
0 0
- 10° 10% -
- 20° 20% -



KEY:

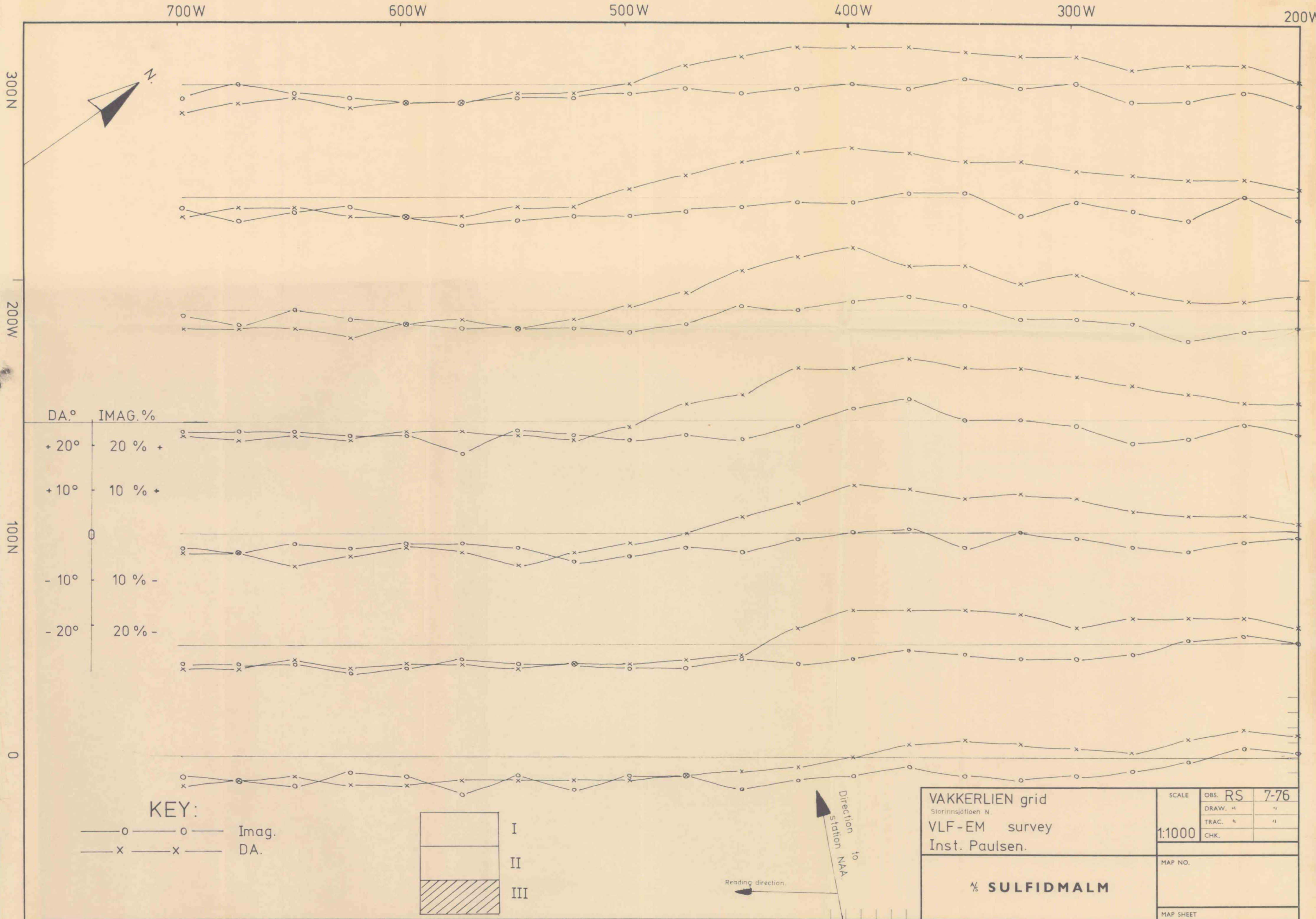
—o—o— Imag.
—x—x— DA.



VAKKERLIEN grid
Storingsjöföten N.
VLF-EM survey
Inst. Paulsen.

1/8 SULFIDMALM

SCALE 1:1000	OBS.	RS	7-76
	DRAW.	"	"
	TRAC.	"	"
	CHK.		
MAP NO.			
MAP SHEET			



700 W

600 W

500 W

400 W

300 W

200 W

1000 N

900 N

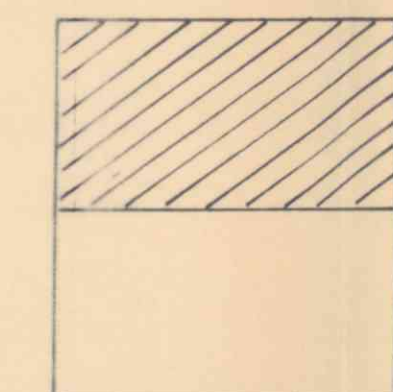
800 N

700 N

600 N



70 380 γ
70 360 γ
70 340 γ



VAKKERLIEN grid
STORINNSJÖFLÖEN N
MAG. SURVEY PROFILES
INST. Geo Metrics: G 816

1/2 SULFIDMALM

SCALE	OBS. OJS	76
DRAW. N	N	
TRAC. N	N	
CHK.		
MAP NO.		
MAP SHEET		

700 W

600W

500W

400W

300W

200W

500 N

400 N

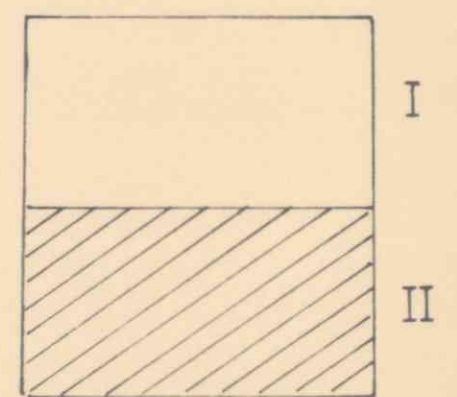
300 N

200 N

100 N



50 400 γ
50 360 γ
50 320 γ



VAKKERLIEN grid
STORINNSJÖFJÖLDEN N

MAG. SURVEY PROFILES

INST. Geo Metrics G 816

1/2 SULFIDMALM

SCALE
OBS. OJS 76
DRAW. B
TRAC. N
CHK.

1:1000

MAP NO.

MAP SHEET