



Bergvesenet

Postboks 3021, 7002 Trondheim

Rapportarkivet

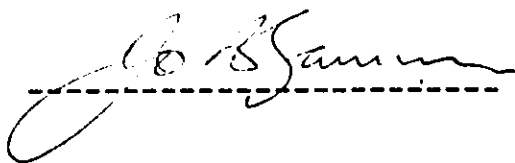
Bergvesenet rapport nr BV 590	Intern Journal nr	Internt arkiv nr	Rapport lokalisering Trondheim	Gradering Åpen
Kommer fra ..arkiv Falconbridge	Ekstern rapport nr Sul 431-76-20	Oversendt fra Sulfidmalm A/S	Fortrolig pga	Fortrolig fra dato:
Tittel Investigations in the Kvikne region, 1976. Geophysical investigations in the Taraldshø East grid. Vakkerlien, Kvikne.				
Forfatter R Sivertsen F Nixon		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				

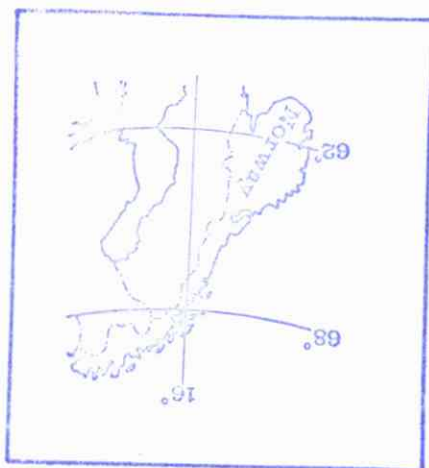
A/S SULFIDMALM
INTER-OFFICE MEMORANDUM

Date: 4th May, 1977
To: Falconbridge Nikkelverk A/S
cc: H. T. Berry, W. D. Harrison, R. Jahnsen,
F. Nixon, R. Sivertsen
From: J. B. Gammon
Subject:

Report No. 431/76/20. Taraldshø East grid, Vakkerlien.

This report details geophysical results on an anomaly ca. 7 km north west of the Vakkerlien mineralized zone. The results are not very encouraging but the presence of nickel stream sediment anomalies in this area is of interest.





By
R. Sivertsen
F. Nixon

FOR FALCONBRIDGE NIKKELVERK A/S
A/S SULFIDMALM
Project 905-20
INVESTIGATIONS IN THE KVIKNE REGION
1976
Geophysical investigations in the
Taraldshø East grid.
Vakkerli, Kvikkne

The Taraldshø east grid lies about 7 km north of the Vakkerlien showing.

V.L.F. anomalies picked up during the 1976 winter survey were detailed during the summer on 100 m line spacing with readings every 5 m for magnetic measurement.

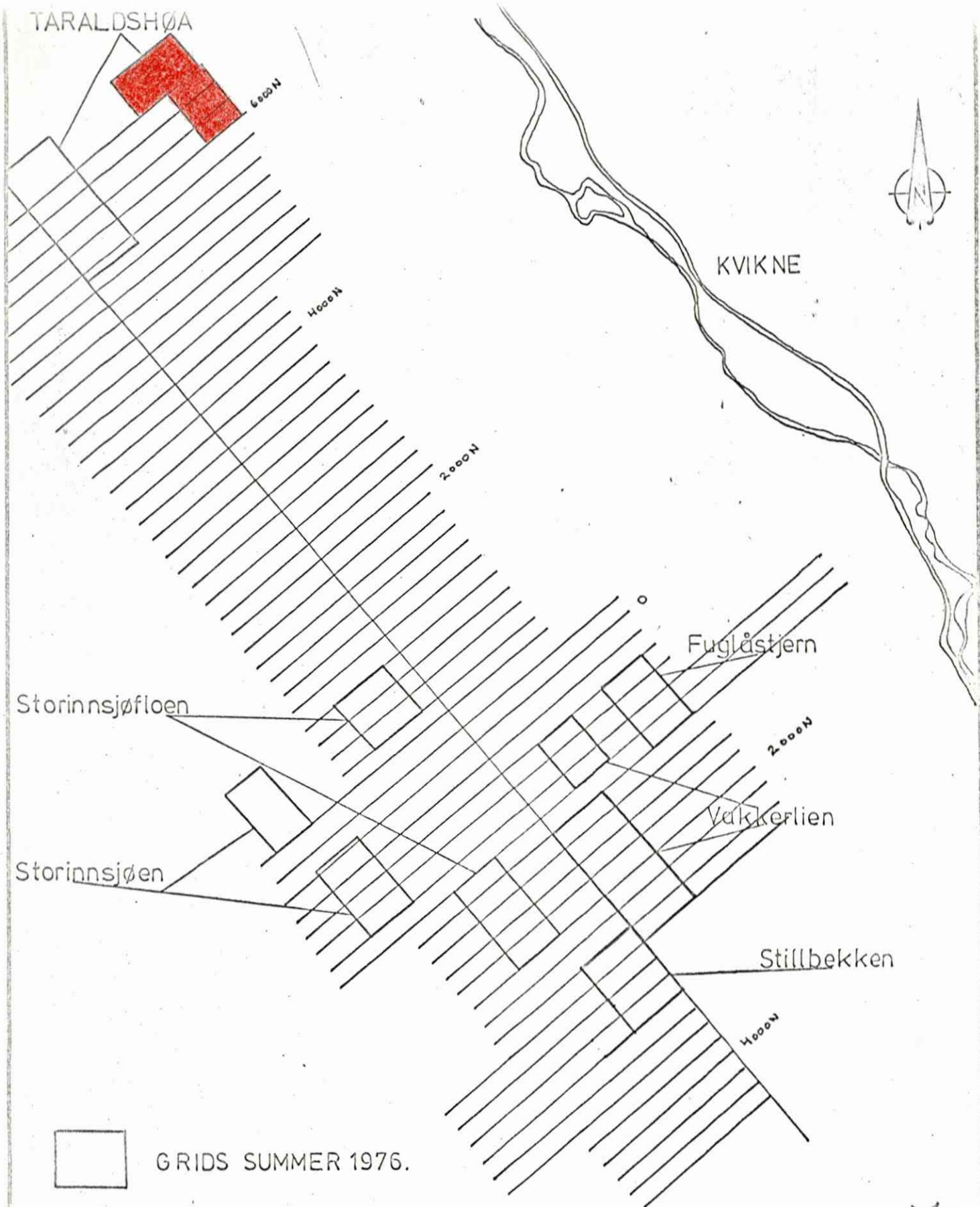
Instruments used were a Norwegian Paulsen V.L.F. unit and a Geometrix 816 proton unit.

The results are presented on the enclosed maps at a scale of 1:1000.

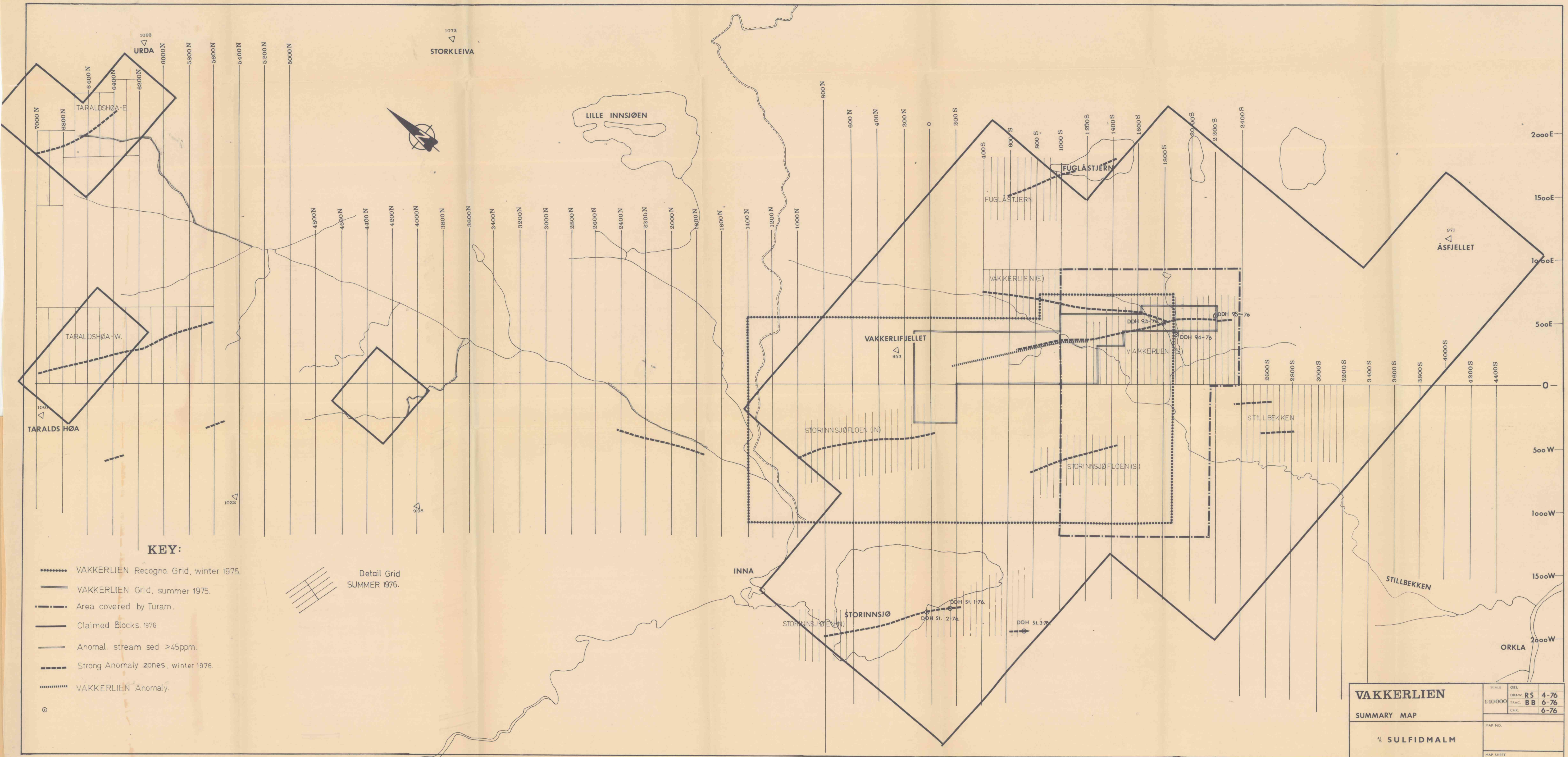
The anomalies picked up has the form of broad dip angle cross over and runs across the grid from 7000N/1775E to 6300N/2250E and 6700N/2075E to 6300N/2400E. Coincident magnetic anomalies on line 6400N and 6500N.

Enclosures:

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



A/S SULFIDMALM			
VAKKERLIEN AREA, with Grid Location.			
SCALE	1:50,000	DRAWN	RS
DATE	Feb. 1977	TRACED	RS-PB



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

1500 E

1600 E

1700 E

1800 E

1900 E

2000 E

7000 N

6900 N

6800 N

DA.° IMAG. %

+ 20° 20% +

+ 10° 10% +

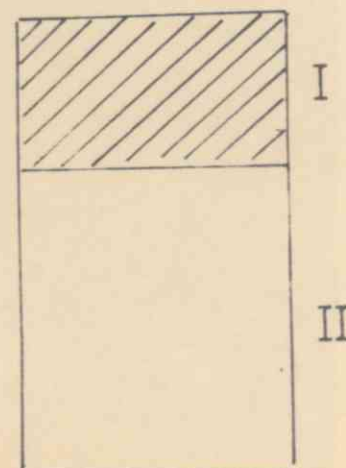
0

- 10° 10% -

- 20° 20% -

KEY:

— o — o — Imag.
 — x — x — DA



Reading direction.

Direction to station NAA.

VAKKERLIEN grid

Taraldshåa - E.

VLF - EM survey

Inst. Paulsen.

1/3 SULFIDMALM

SCALE	OBS. TJ	76
1:1000	DRAW. #	"
	TRAC. "	"
	CHK.	

MAP NO.

MAP SHEET

1900 E

2000 E

2100 E

2200 E

2300 E

2400 E

6700 N

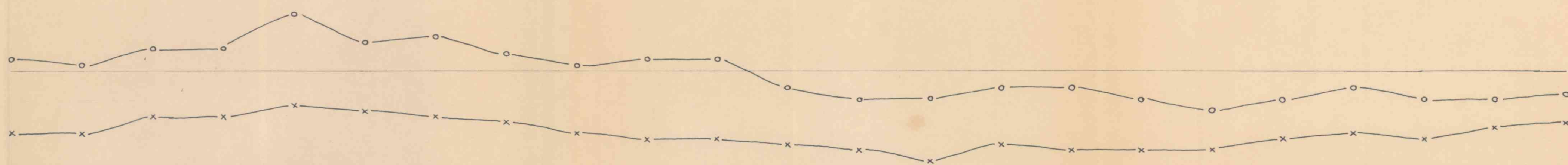
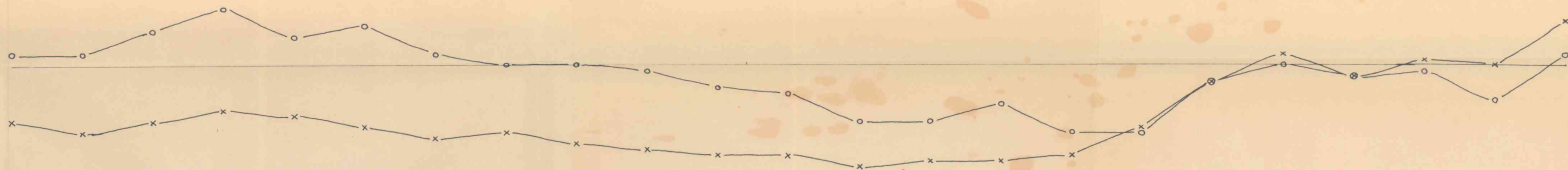
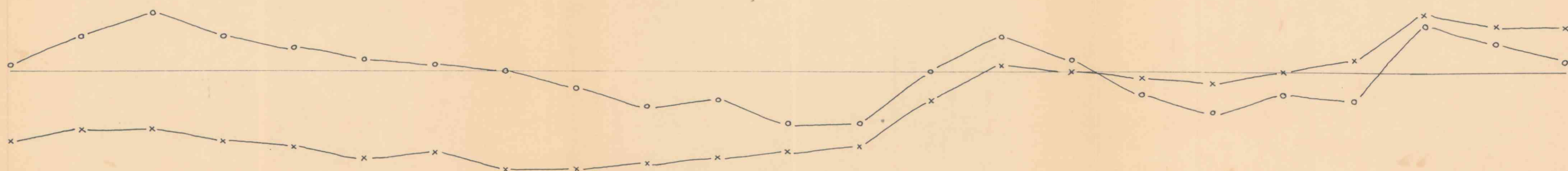
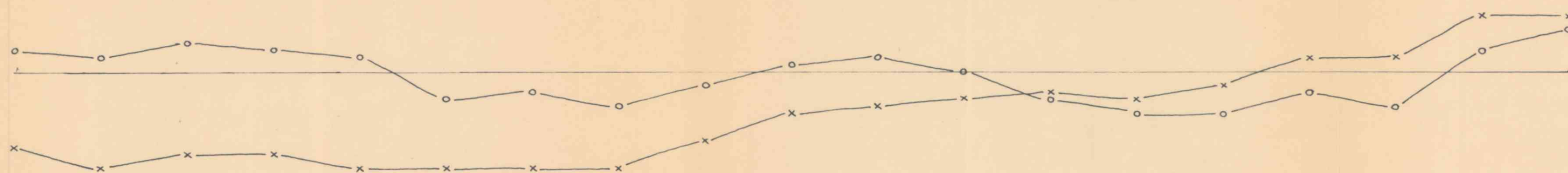
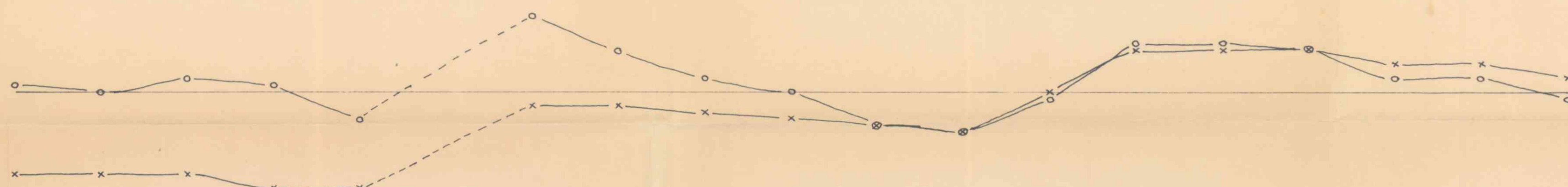
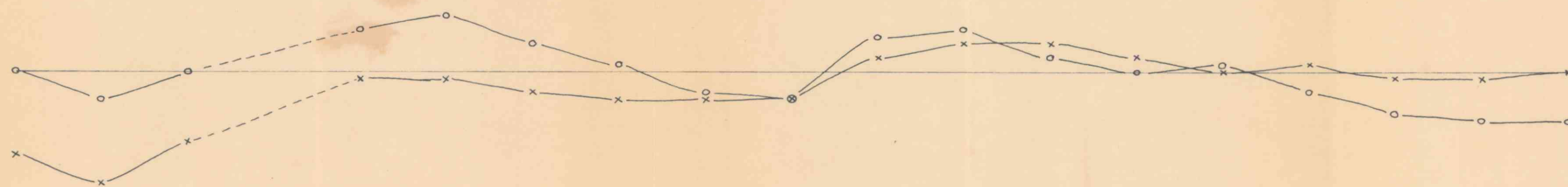
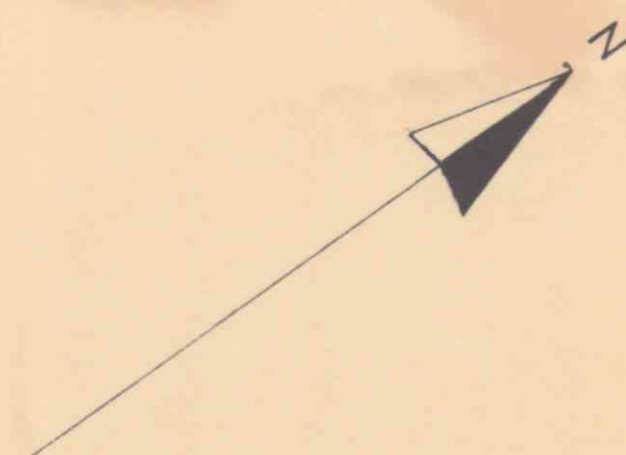
6600 N

6500 N

6400 N

6300 N

6200 N



DA° IMAG. %

+ 20° 20 % +

+ 10° 10 % +

0

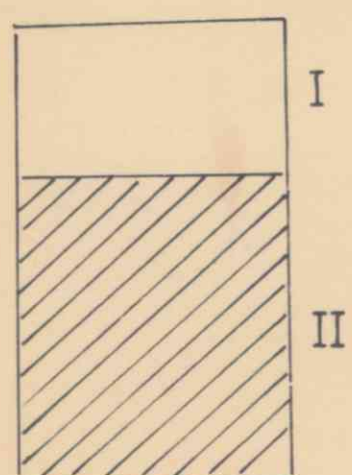
- 10° 10 % -

- 20° 20 % -

KEY:

—○—○— Imag.

—x—x— DA.



Reading direction.

Direction to station NAA

VAKKERLIEN grid
VLF-EM survey
Inst. Paulsen.

SULFIDMALM

SCALE OBS. TKJ 76

DRAW. 11 11

TRAC. 11 11

CHK.

MAP NO.

MAP SHEET

A s Torkopi 3600 A t. E 9 g. 10-71. Seetrum Trykkeri.

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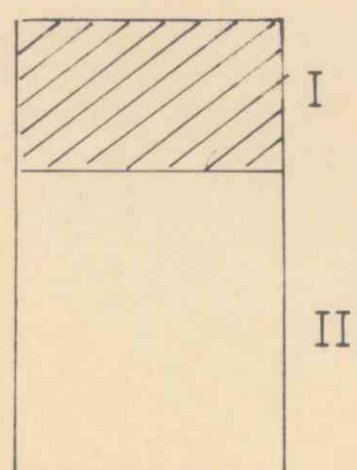
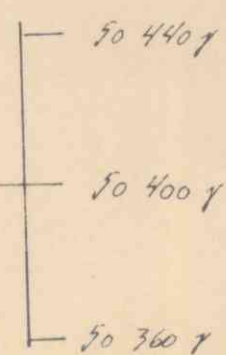
A s Torkopi 3600 A t. E 9 g. 10-71. Seetrum Trykkeri.



A s Torkopi 3600 A t. E 9 g. 10-71. Seetrum Trykkeri.

A s Torkopi 3600 A t. E 9 g l. 10-71. Seetrum Trykkeri.

A s Torkopi 3600 A t. E 9 g l. 10-71. Seetrum Trykkeri.



TARALDSHØA -E

Inst. GEOMETRICS G 816

$\frac{A}{S}$ SULFIDMALM

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

1900 E

2000 E

2100 E

2200 E

2300 E



6700 N

6600 N

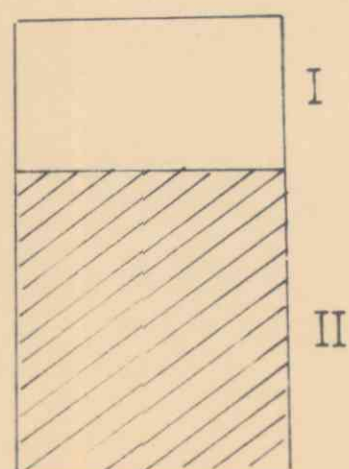
6500 N

6400 N

6300 N

6200 N

50 440 g
50 400 g
50 360 g



VAKKERLIEN grid

TARALOSHÖA -E

MAG. SURVEY PROFILES.

Inst. GEOMETRICS G 816

SCALE	OBS.	OJS	76
	DRAW	RS	"
	TRAC.	"	"
	CHK.		

MAP NO.

SULFIDMALM

MAP SHEET