



Bergvesenet

Postboks 3021, 7002 Trondheim

Rapportarkivet

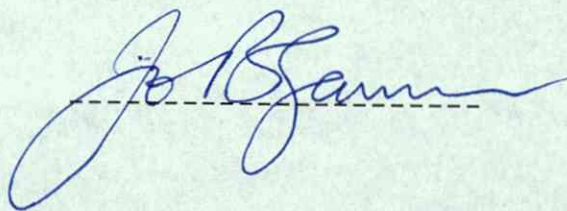
Bergvesenet rapport nr BV 529	Intern Journal nr	Internt arkiv nr	Rapport lokalisering Trondheim	Gradering Åpen
Kommer fra ..arkiv Falconbridge	Ekstern rapport nr Sul 430-76-20	Oversendt fra Sulfidmalm A/S	Fortrolig pga	Fortrolig fra dato:
Tittel Investigations in the Kvikne region, 1976. Geophysical investigations in the Storinnsjøfloen south 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: 25th April, 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. 430/76/20. Storinnsjøfloen, Vakkerlien.

Please find attached detailed geophysical results over an anomaly west of the Vakkerlien zone. The lack of magnetic correlation makes it of low priority.



MOTTATT		20. 06. 77		BESV.	ARK.
ADM. DIR.				PROD. SJEF	
ASS. DIR.				EL. LYSEAVD.	
ADM. SJEF				M. L. AVD.	
SKIFTH. AVD.				R. & SM. AVD.	
INNKJ. AVD.				EL. TEML. AVD.	
RELSK. AVD.				INSTR. AVD.	
PERSONAL DIR.				MEK. AVD.	
FORSKN. DIR.				PROSJ. AVD.	
SAKSBEARB.				Svar dato	
3					

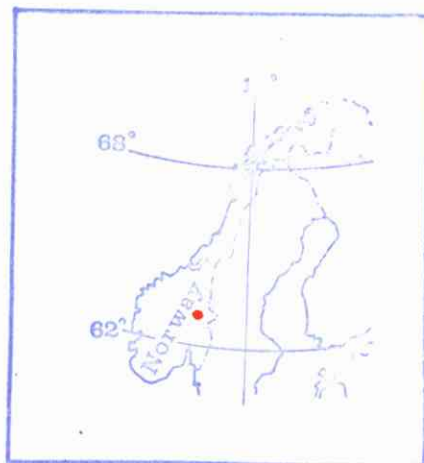
FOR FALCONBRIDGE NIKKELVERK A/S
A/S SULFIDMALM
Project 905-20
INVESTIGATIONS IN THE KVIKNE REGION
1976

Geophysical investigations in the
Storinnsjøfleen south grid.
Vakkerlien, Kvikne.

By

F. Nixon

R. Sivertsen



SUMMARY

The Storinnsjøfloen grid lies to the west of the Vakkerlien zone, 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 readings.

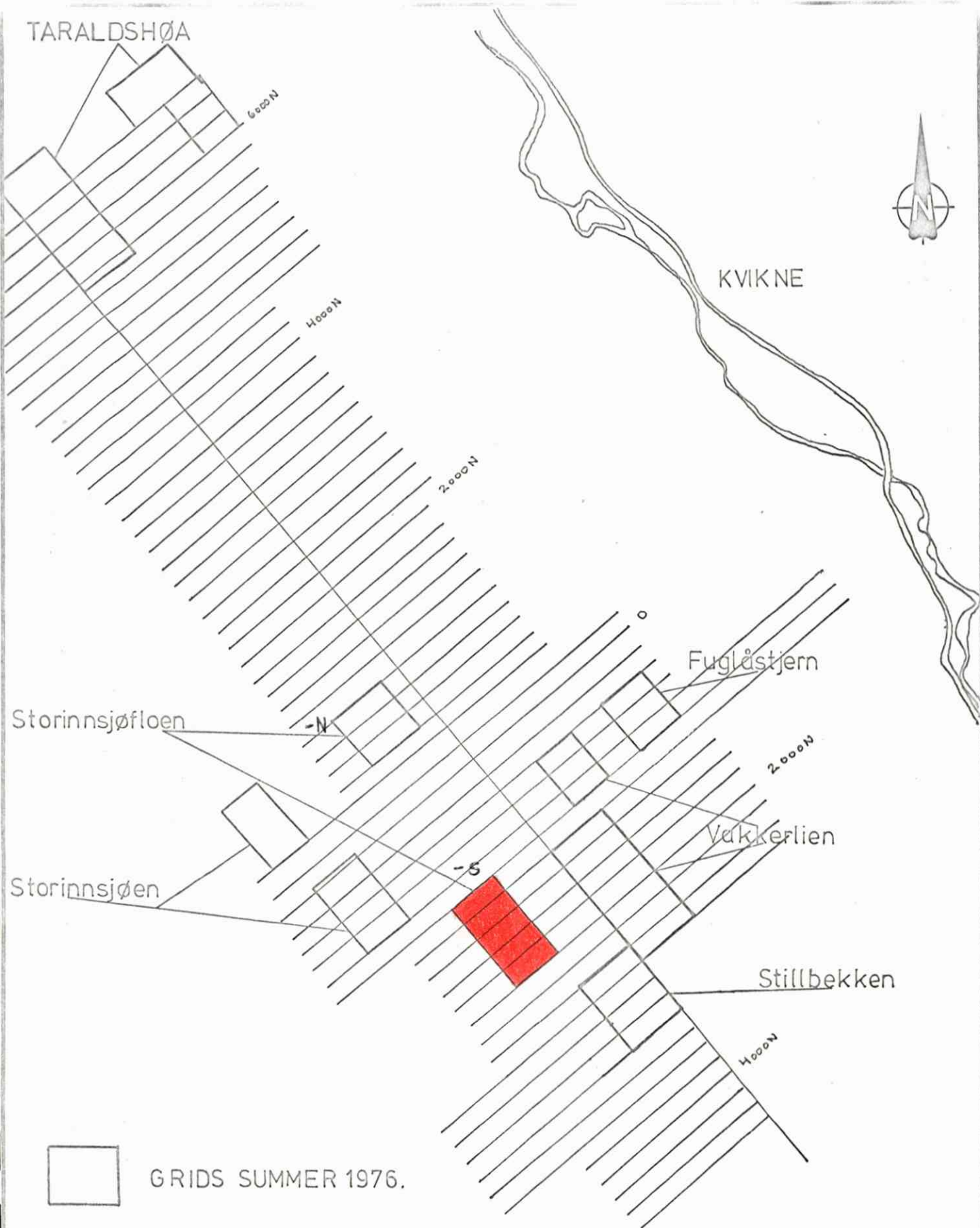
Instruments used were a Paulsen V.L.F. unit and a Scintrex MP2 proton unit.

The results are presented on the enclosed maps.

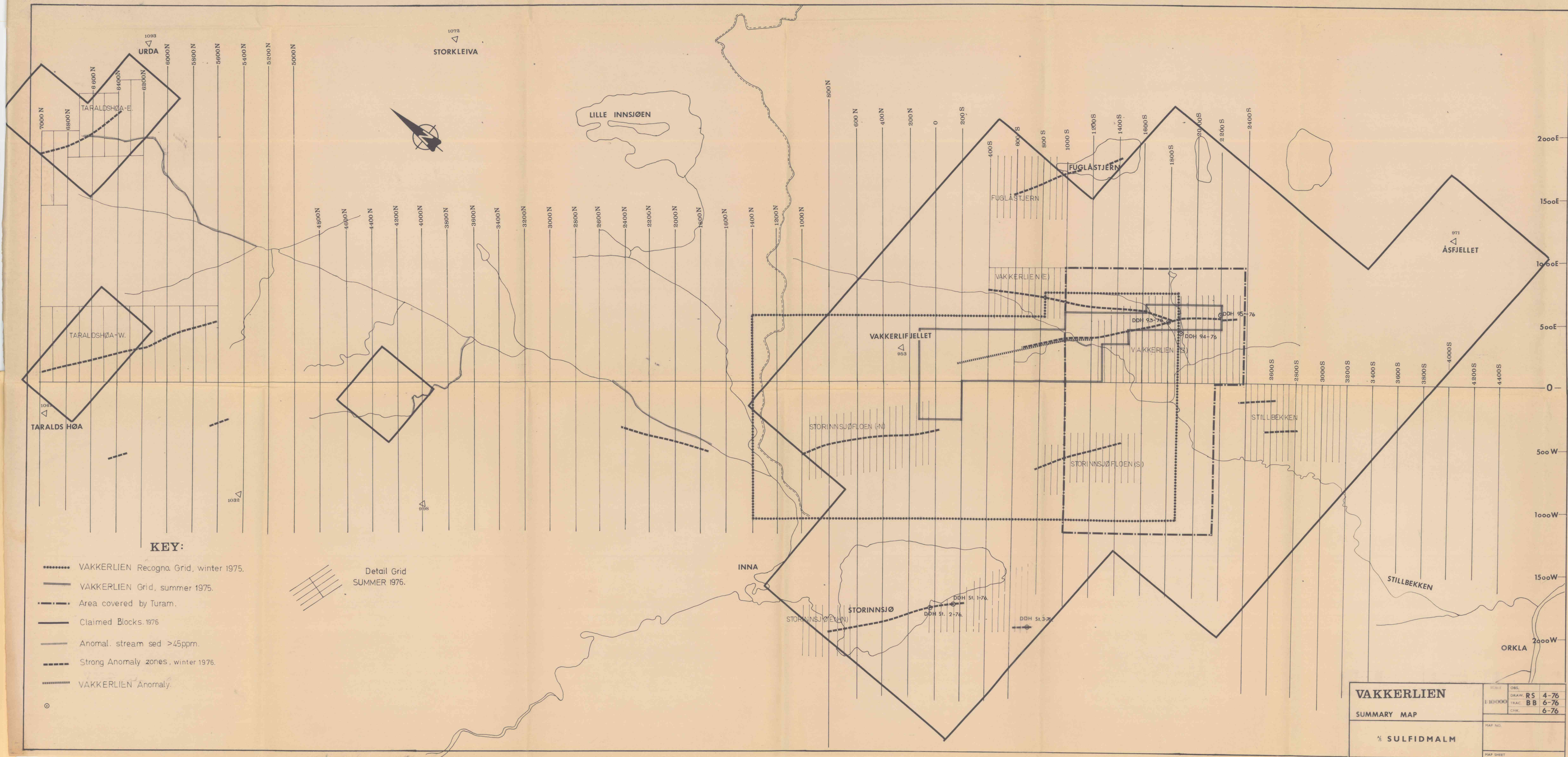
The anomaly picked up has the form of a moderate to weak broad dip angle cross-over with no coincident magnetic anomaly. The anomaly runs across the grid from 800S/670W to 1350S/500W.

Enclosures:

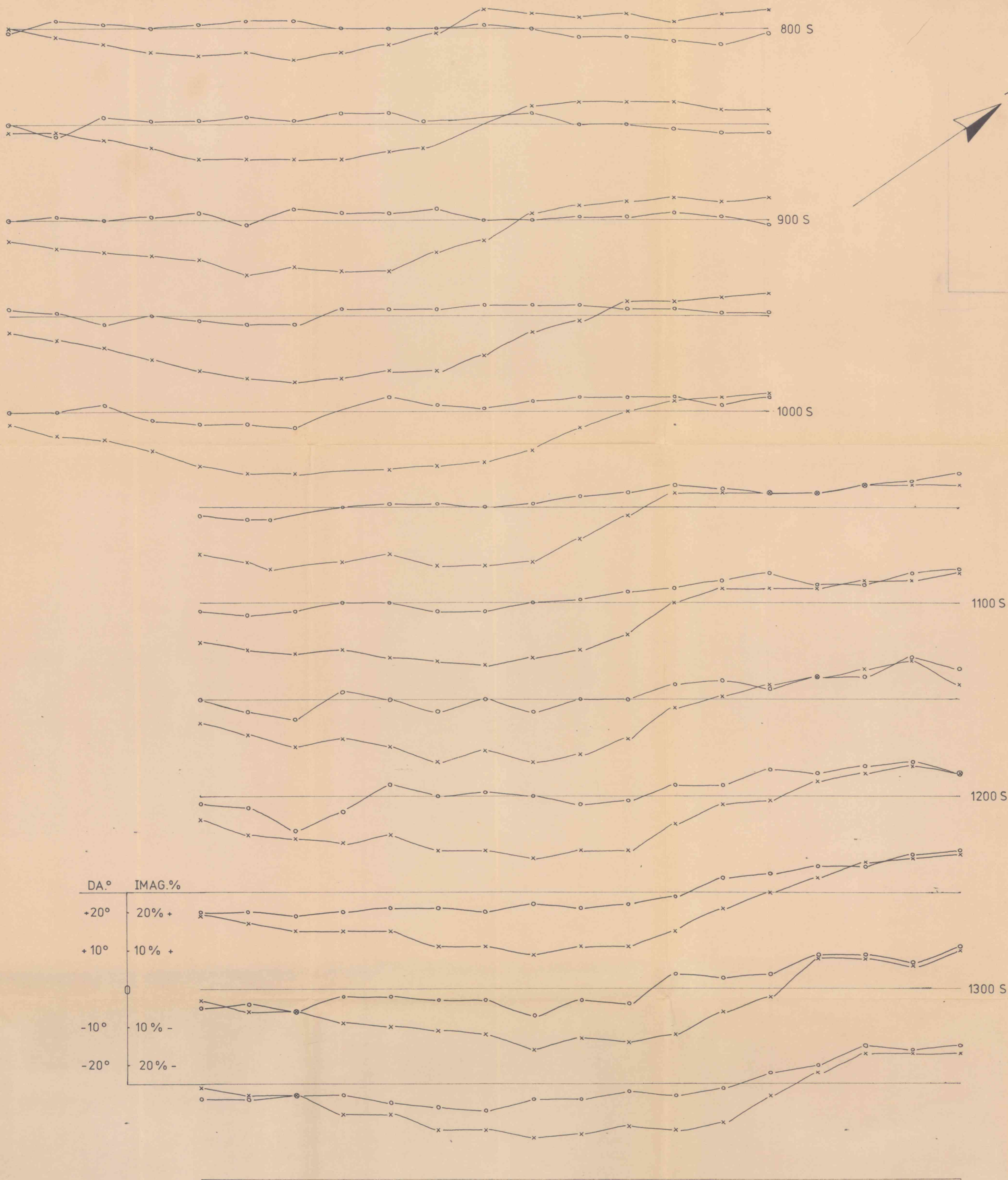
- 1) Vakkerlien area with grid location 1:50,000
- 2) Vakkerlien summary map 1:10,000
- 3) V.L.F. maps 1:1000
- 4) Mag. maps 1:1000



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

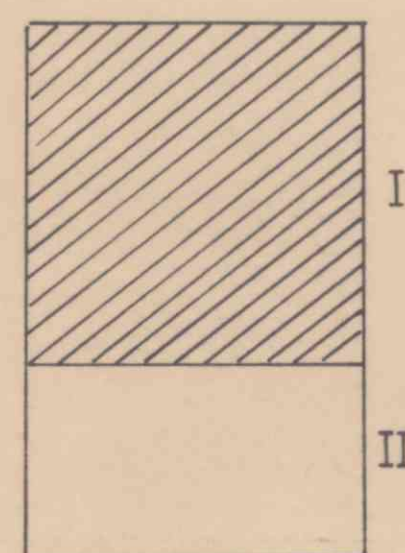


900 W 800 W 700 W 600 W 500 W 400 W



Direction to station NAA

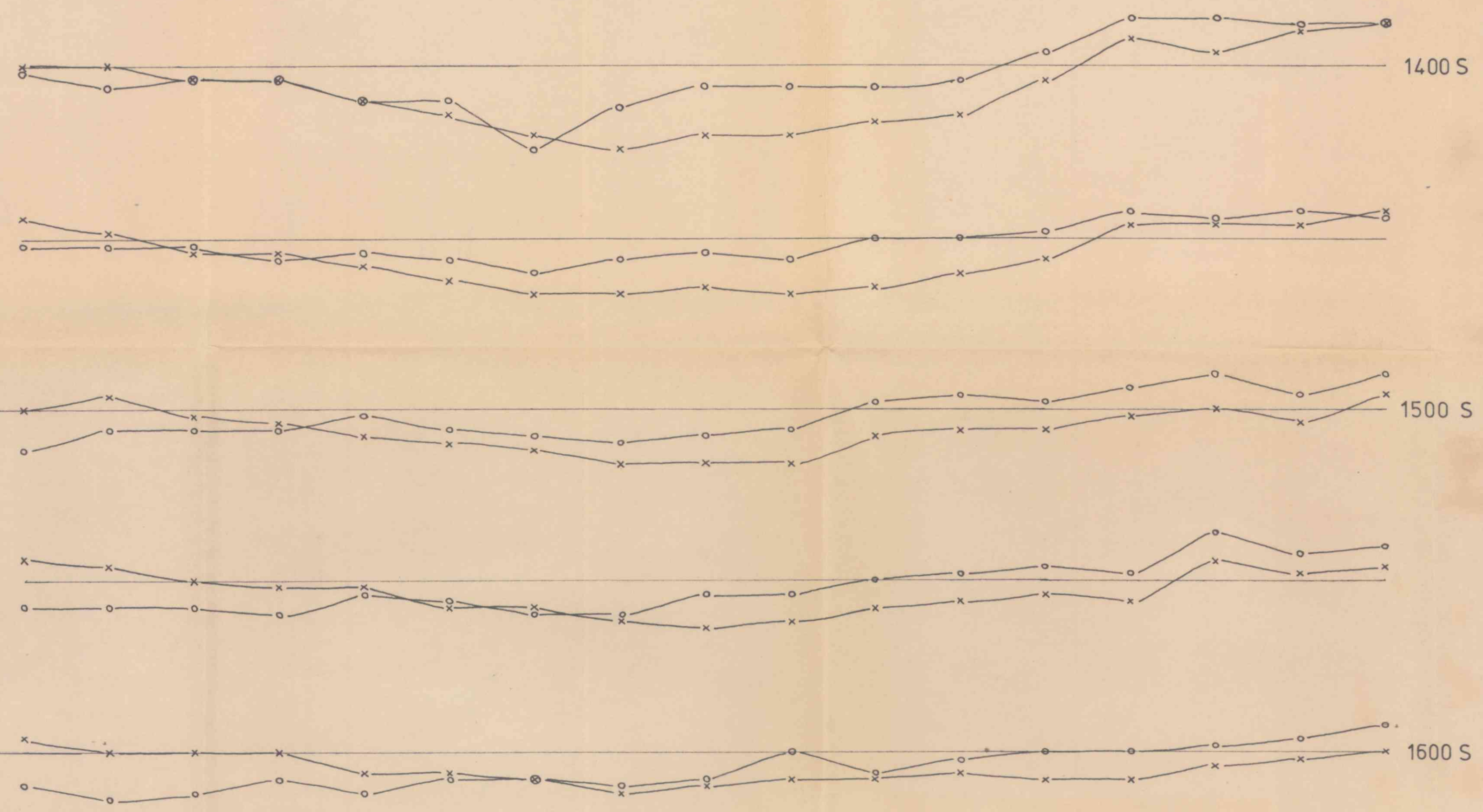
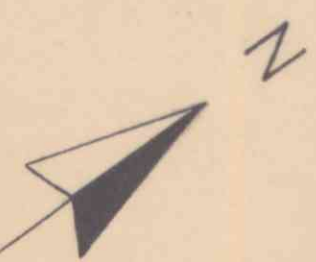
Reading direction



VAKKERLIEN grid
Storinnsjöfölen S
VLF-EM survey
Inst. Paulsen

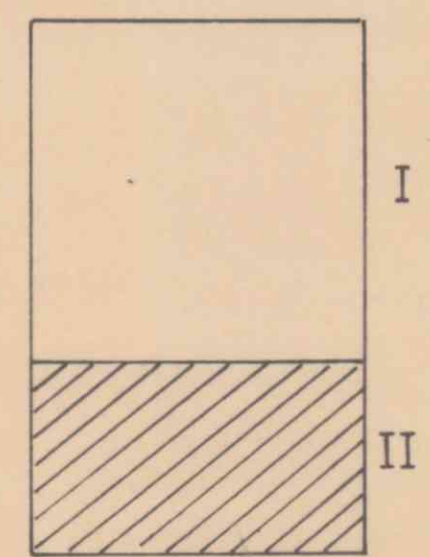
SULFIDMALM

SCALE	OBS. TKJ	76
1:1000	DRAW. II	II
	TRAC. II	II
	CHK.	
MAP NO.		
MAP SHEET		



KEY:

— o — o — Imag.
— x — x — DA.



Direction to station NAA.

Reading direction.

VAKKERLIEN grid Storinnsjöfölen S. VLF-EM survey Inst. Paulsen	SCALE	OBS. TKJ 76
		DRAW. RS "
	1:1000	TRAC. " "
		CHK.
MAP NO.		
MAP SHEET		

1/8 SULFIDMALM

800 W

700 W

600 W

500 W

400 W

As Transp. 2000 A1 E 24 2071, Station 7014441

900W 800W 700W 600W 500W 400W

800 S



900 S

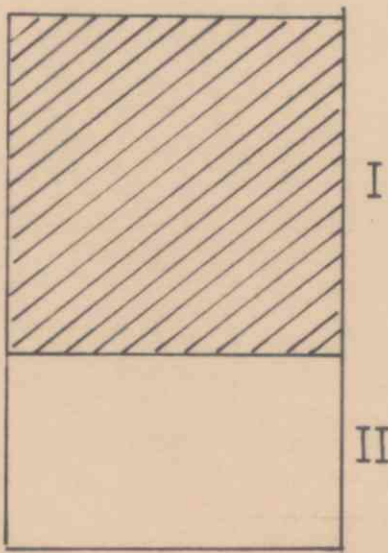
1000 S

1100 S

1200 S

1300 S

50 400 γ
50 360 γ
50 320 γ

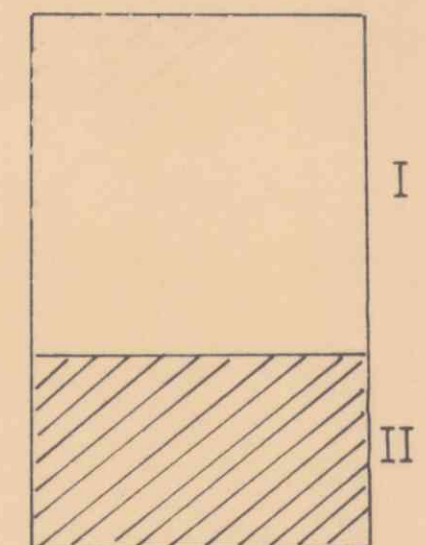
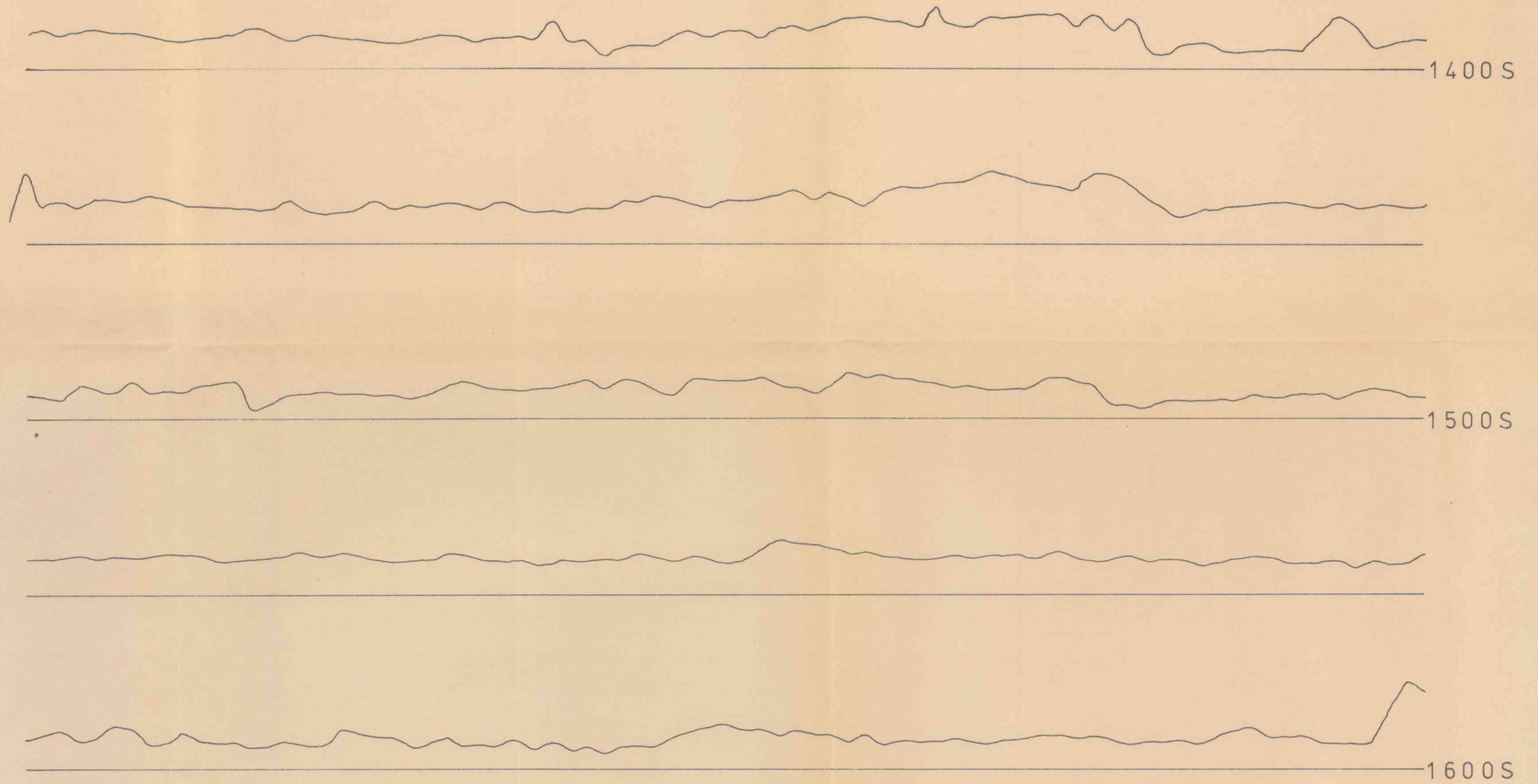


VAKKERLIEN grid STORINNSJÖFLOEN S. MAG. SURVEY PROFILES INST. SCINTREX MP-2	SCALE	OBS. OJS	76
	1:1000	DRAW. RS	"
		TRAC. "	"
		CHK.	"
% SULFIDMALM	MAP NO.		
	MAP SHEET		

800W 700W 600W 500W 400W



50 400 γ
50 360 γ
50 320 γ



VAKKERLIEN grid
Storinnsjöfloen S
MAG. SURVEY PROFILES
Inst. SCINTREX MP-2

SCALE	OBS. OJS	76
1:1000	DRAW. RS	"
	TRAC. "i	"i
	CHK.	

1/2 SULFIDMALM

MAP NO.
MAP SHEET