



Bergvesenet

Postboks 3021, 7002 Trondheim

Rapportarkivet

Bergvesenet rapport nr BV 526	Intern Journal nr	Internt arkiv nr	Rapport lokalisering Trondheim	Gradering Åpen
Kommer fra ..arkiv Falconbridge	Ekstern rapport nr Sul 427-76-20	Oversendt fra Sulfidmalm A/S	Fortrolig pga	Fortrolig fra dato:
Tittel Investigations in the Kvikne region, 1976. Geophysical investigations in the Vakkerlien east grid.				
Forfatter 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				

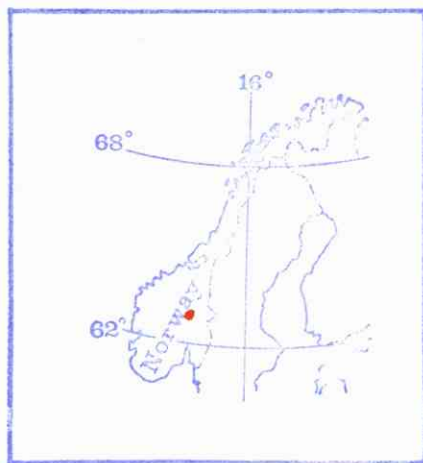
FOR FALCONBRIDGE NIKKELVERK A/S
A/S SULFIDMALM
Project 905-20
INVESTIGATIONS IN THE KVIKNE REGION
1976

Geophysical investigations in the
Vakkerlien east grid.
Vakkerlien, Kvikne.

By

F. Nixon

R. Sivertsen



A/S SULFIDMALM
INTER-OFFICE MEMORANDUM

Date: 23rd April, 1977

To: Falconbridge Nikkelverk A/S

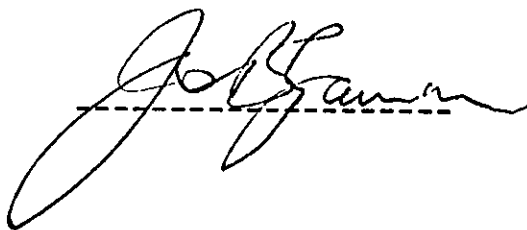
cc: W. D. Harrison, H. T. Berry, R. Jahnsen,
F. Nixon, R. Sivertsen

From: J. B. Gammon

Subject:

Report No. 427/76/20. Vakkerlien East grid. Kvikne.

Please find attached the results of geophysical detailing of a conductor discovered during the winter of 1976. This anomaly is a possible candidate for drilling during 1977.



SUMMARY

The Vakkerlien east grid lies to the east of the main Vakkerlien grid, the location is shown on enclosure 1.

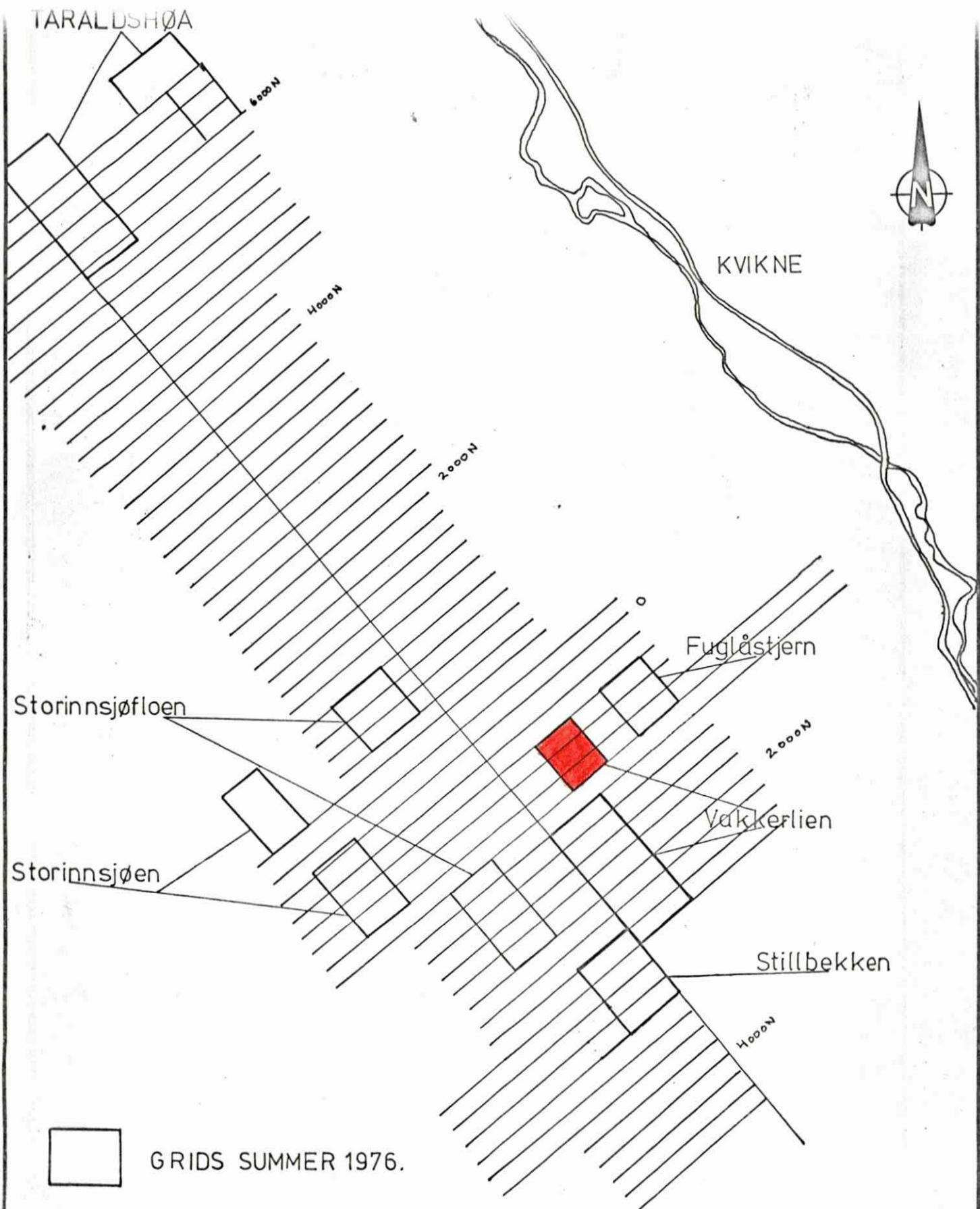
A V.L.F. anomaly picked up during the 1976 survey (report no. 403.76.20) was detailed during the summer on 50 m line spacings with readings every 25 m for V.L.F. and every 5 m for proton magnetic readings.

Instruments used were a Norwegian Paulsen V.L.F. unit and a Geometrics G816 proton unit.

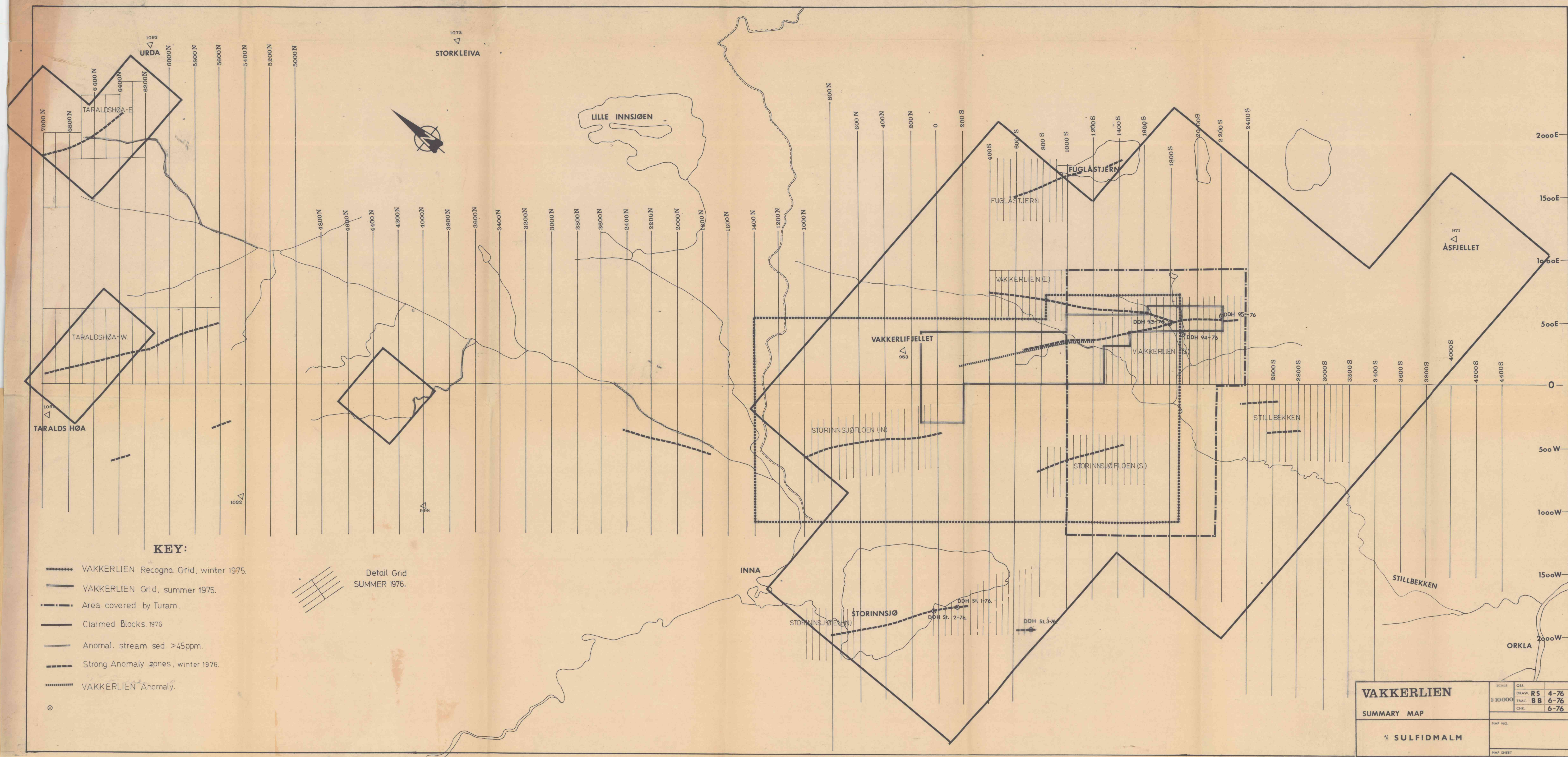
Results are presented on the enclosed maps. The anomaly which is of moderate strength strikes across the grid from 400S/775E to 800S/690E and on three lines 450-550S seems to be associated with magnetic peaks.

Enclosures:

- 1) Vakkerlien area showing grid locations 1:50,000
- 2) Vakkerlien summary map 1:10,000
- 3) V.L.F. Survey 1:1000
- 4) Mag. Survey 1:1000



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

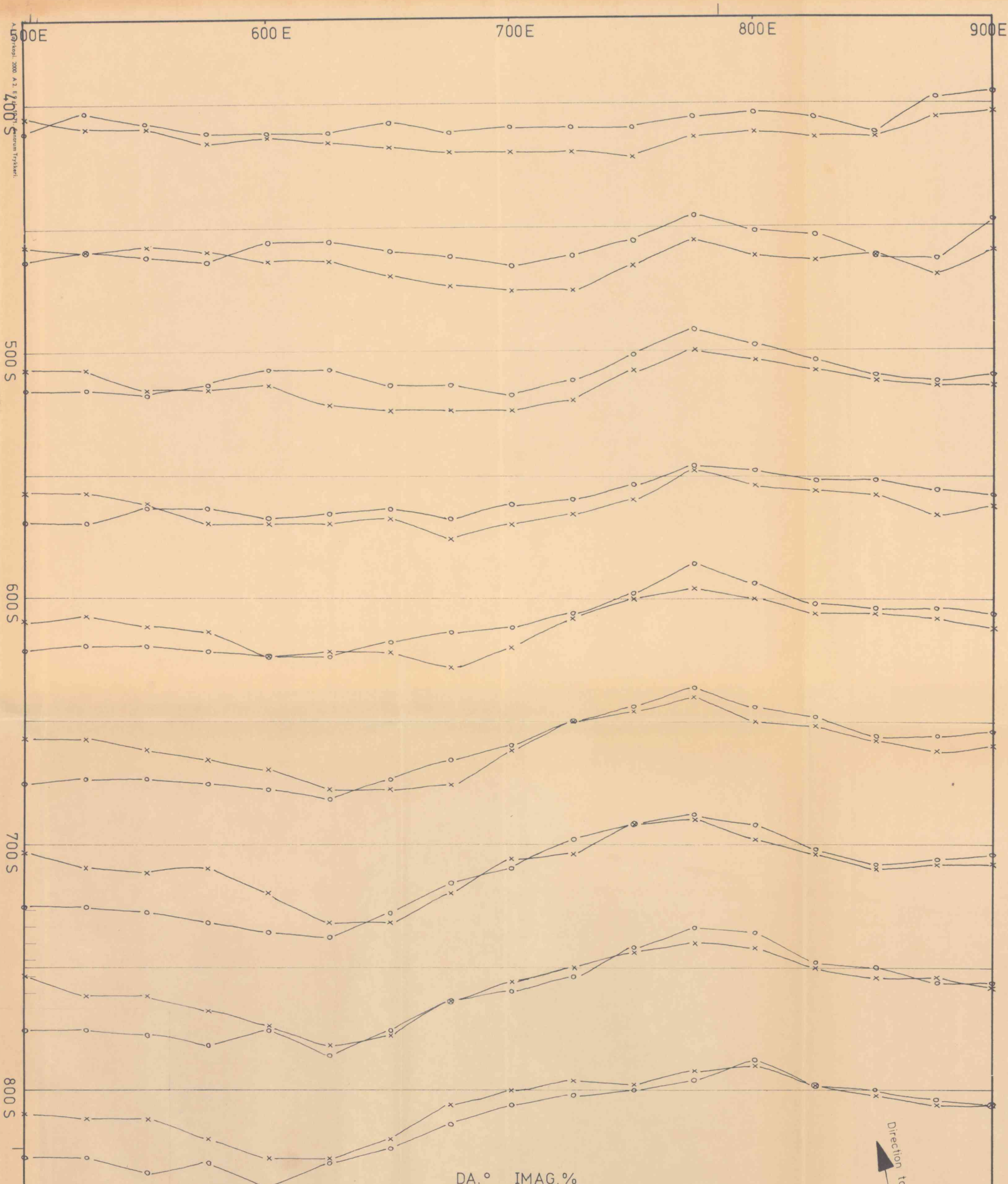


KEY:

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

Detail Grid
SUMMER 1976.

VAKKERLIEN SUMMARY MAP		SCALE	ORIS
		1:10000	RS 4-76 BB 6-76 CHK 6-76
SULFIDMALM		MAP NO.	
		MAP SHEET	



Ulfvinkonst. 2000 A.2 E.3 1001
 Antennum Träskert.

KEY:
 —○—○— Imag.
 —x—x— DA.

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

Direction to station NAA
 Reading direction.

VAKKERLIEN grid VLF -EM survey Inst. Paulsen.	SCALE	OBS.	RS	9-76
	1:1000	DRAW.	"	"
		TRAC.	"	"
		CHK.		
% SULFIDMALM	MAP NO.			
	MAP SHEET			

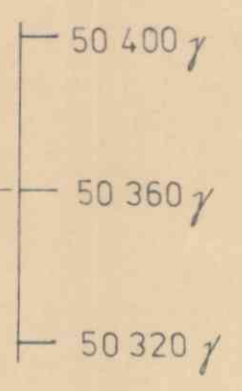
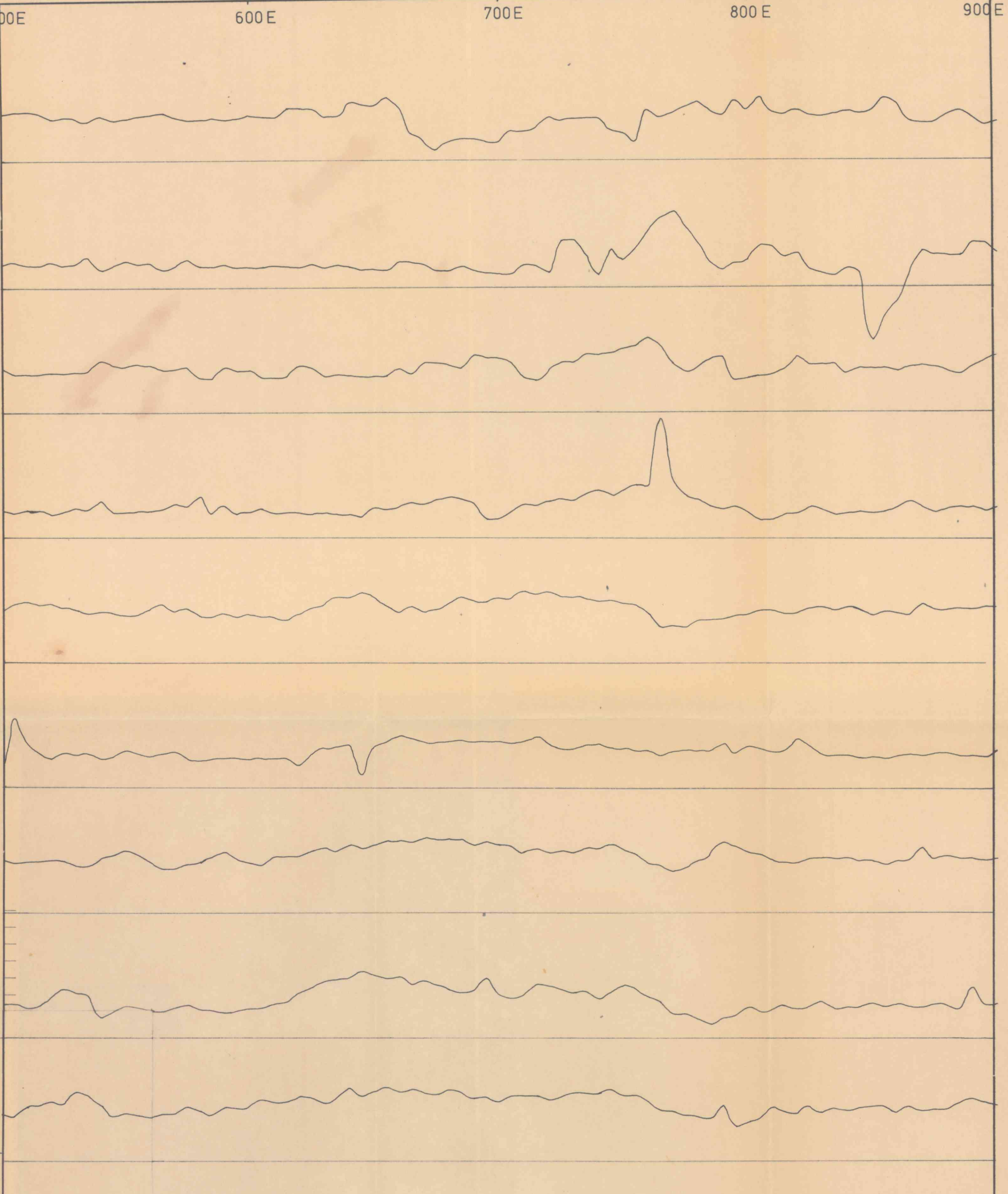
400 S

500 S

600 S

700 S

800 S



VAKKERLIEN grid VAKKERLIEN EAST MAG. SURVEY PROFILES Inst. Geo Metrics G 816	SCALE	OBS. OJS	76
		DRAW. OJS	"
		TRAC. "	"
		CHK.	"
1:1000		MAP NO.	
		MAP SHEET	

1/2 SULFIDMALM