



Bergvesenet

Postboks 3021, 7002 Trondheim

Rapportarkivet

Bergvesenet rapport nr BV 539	Intern Journal nr	Internt arkiv nr	Rapport lokalisering Trondheim	Gradering Åpen
Kommer fra ..arkiv Falconbridge	Ekstern rapport nr Sul 465-77-20	Oversendt fra Sulfidmalm A/S	Fortrolig pga	Fortrolig fra dato:
Tittel Geophysical investigations at Asfjellet Vakkerlien.				
Forfatter R Sivertsen		Dato 1977	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				

FOR FALCONBRIDGE NIKKELVERK A/S
A/S SULFIDMALM

PROJECT 905-20
Geophysical investigations (VLF)
at Åsfjellet, Vakkerlien grid

By
R. Sivertsen

The Asfjellet grid is situated approx. 3 km SE of the Vakkerlien showing.

From a geological point of view the area covered by this survey is very interesting with trondhjemites and Kvikne schist type.

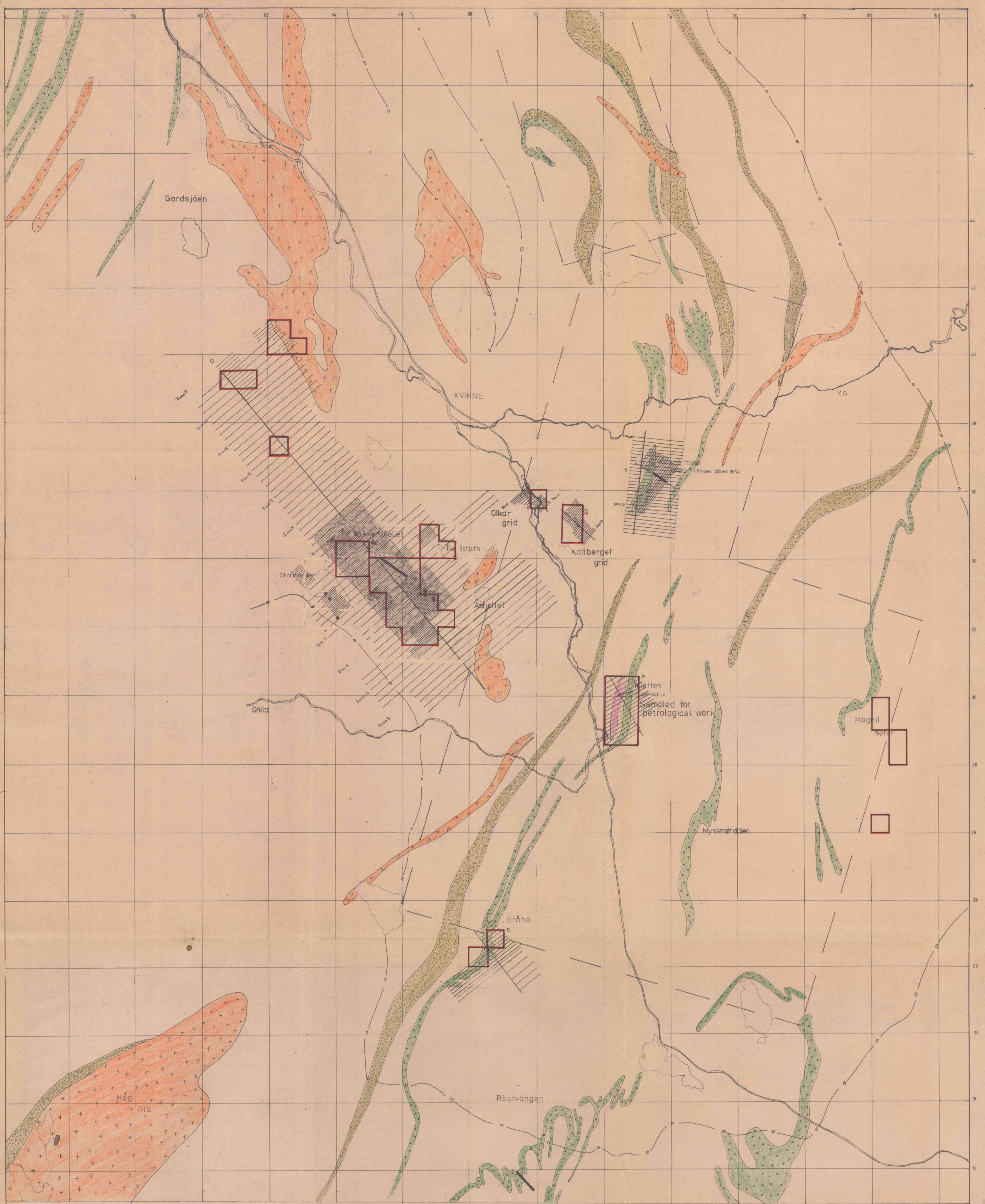
Instrument used was a Norwegian Paulsen V.L.F. unit.

The anomalies picked up are weak but sharp. The most interesting runs across the grid:

- 1) 4000S/ 400E to 4400S/1000E
- 2) 3000S/1000E to 3200S/1200E
- 3) 3000S/2000E to 3400S/2300E
- 4) 3600S/ 800E to 3800S/1000E

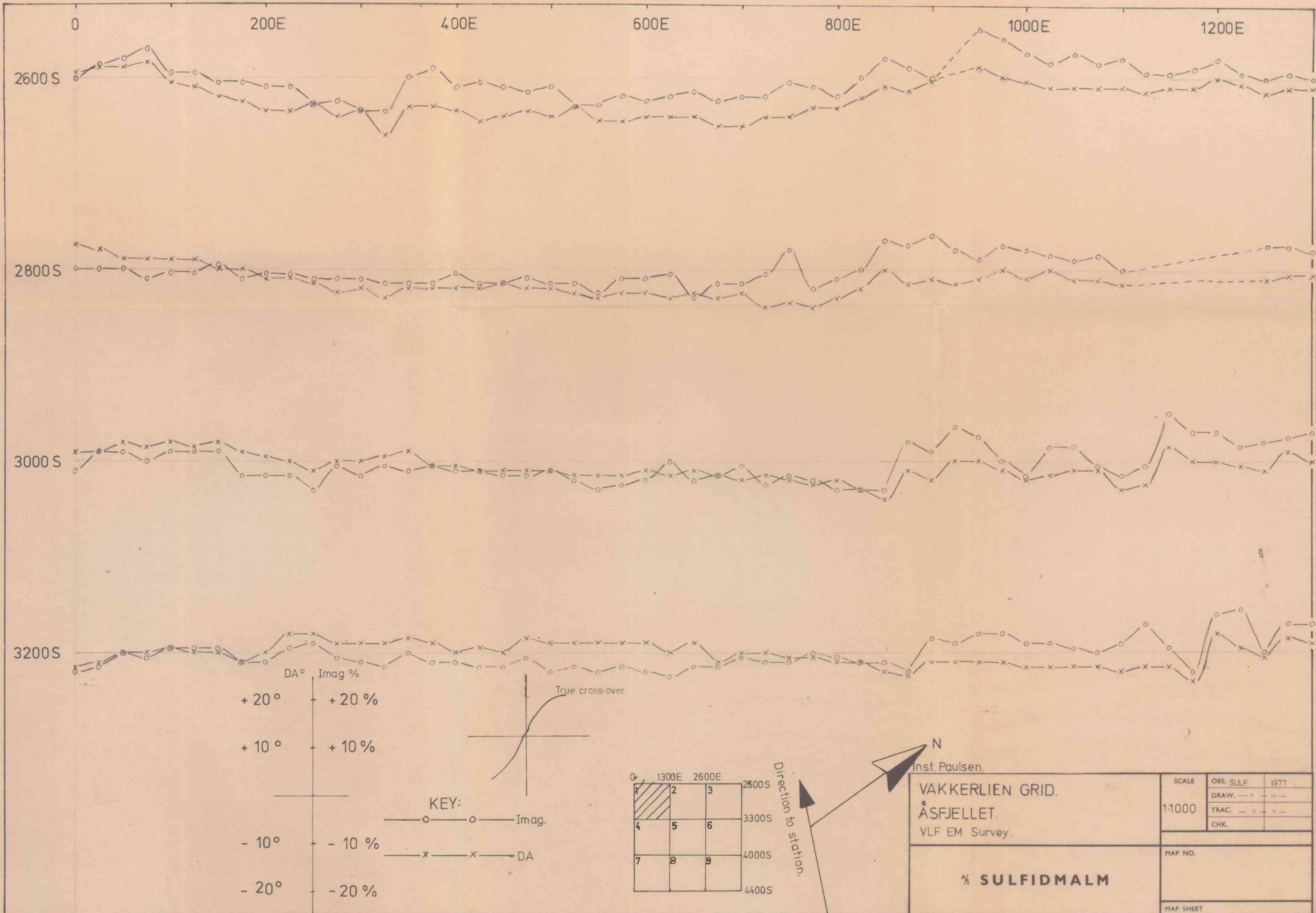
Enclosures:

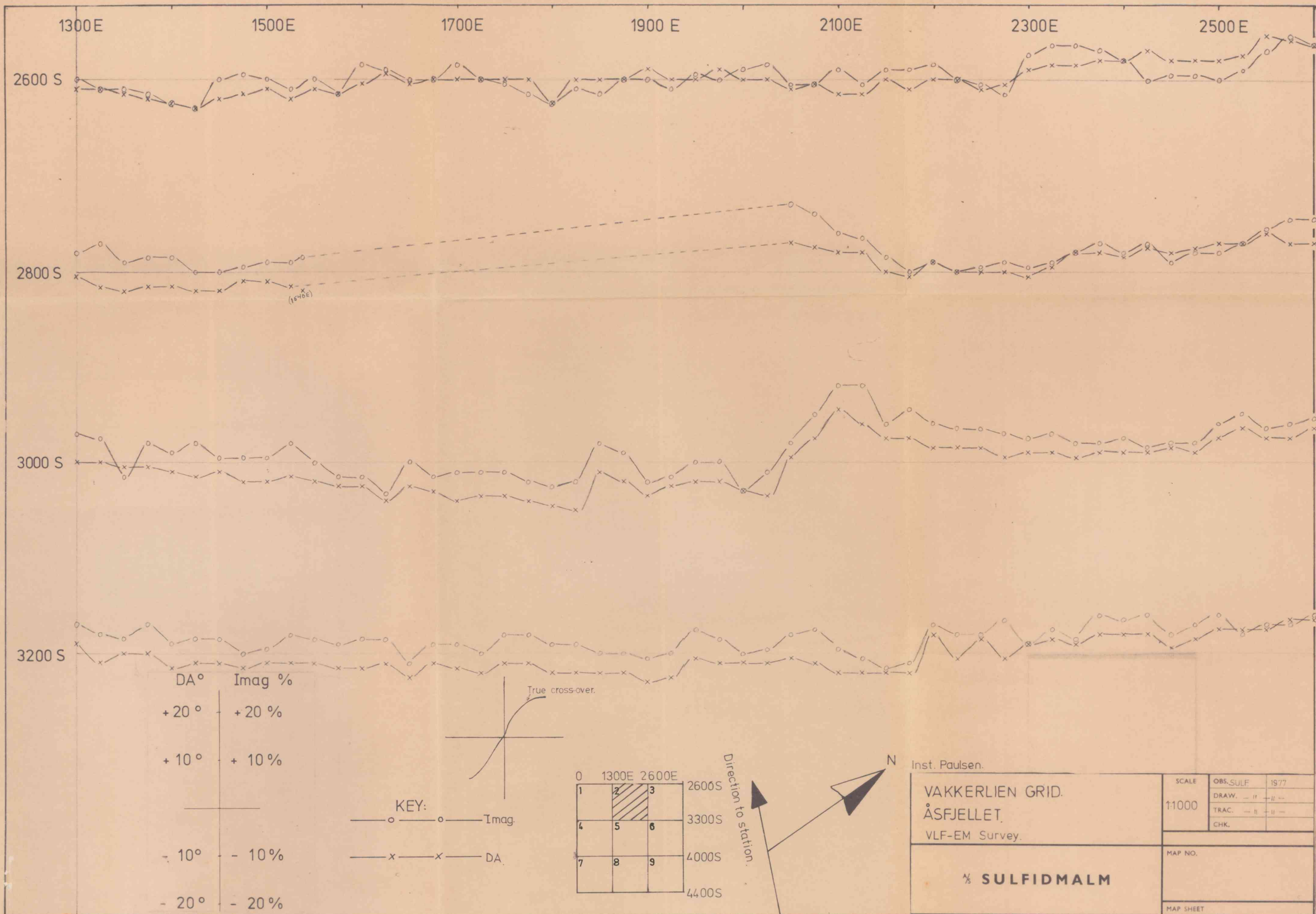
1. Kvikne area Location and summary 1:50 000
2. V.L.F. maps 1:2500

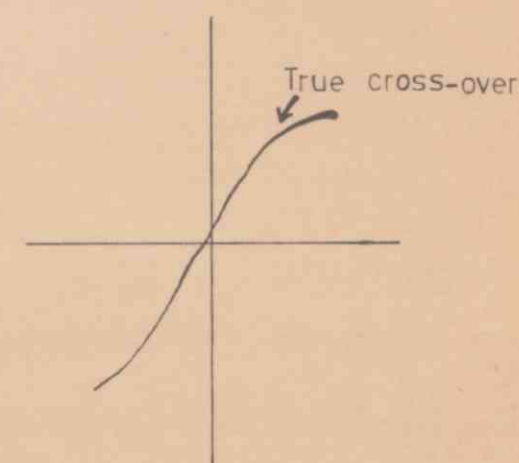
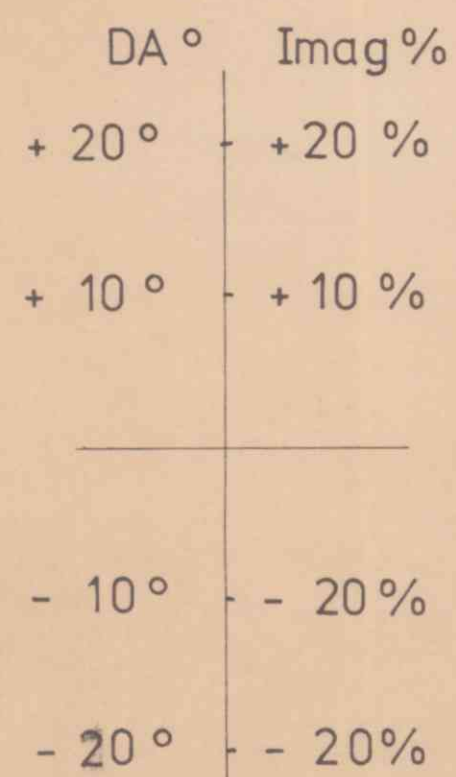
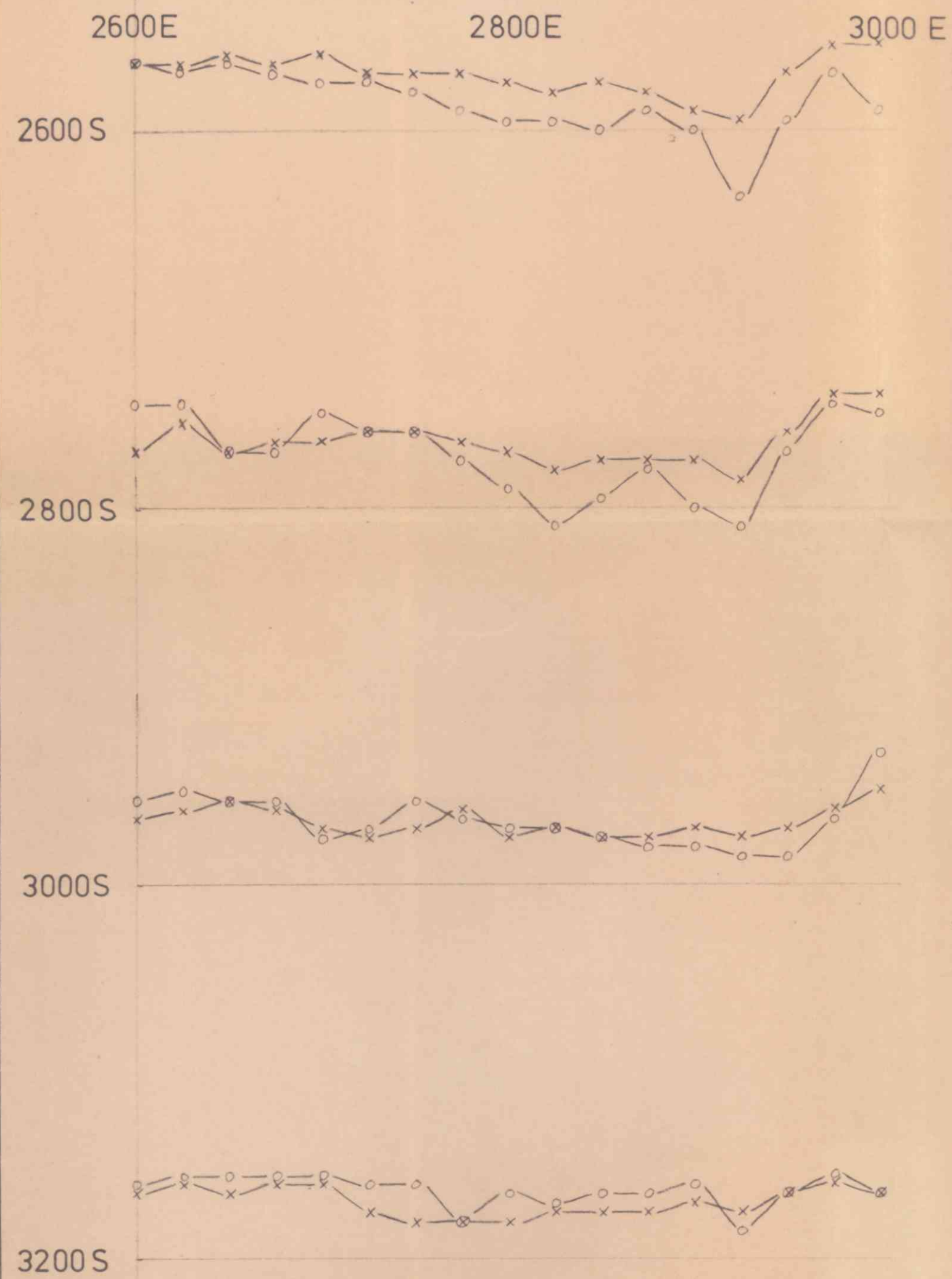


- Greenstone } STÖREN GROUP
- Siltstone
- Graphite schist } GULA GROUP
- Schist
- Ultrabasic
- Gabbro
- Acid intrusives
- Stream sed. sampled area
- Helicopter survey area
- Claim blocks
- Vakkerlien grid summer 1975.
- Vakkerlien grid winter 1976.
- Detailed geophysical grid
- Position and direction of known mineralized bodies

KVİKNE AREA LOCATION AND SUMMARY	SCALE 1:50000	OBS. O.N.	
		DRAW R.S.	
SULFIDMÅLM		TRAC. R.S.	
		CHK.	
MAP NO.			
MAP SHEET			



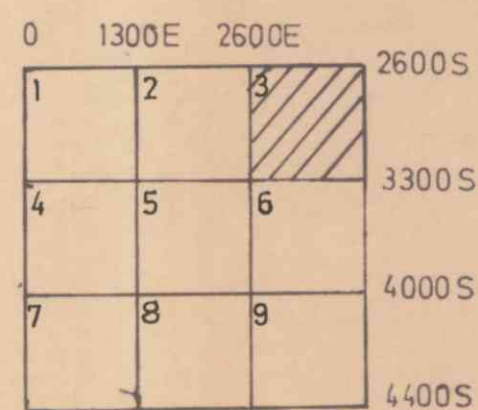




KEY:

— o — o — Imag.

— x — x — DA.



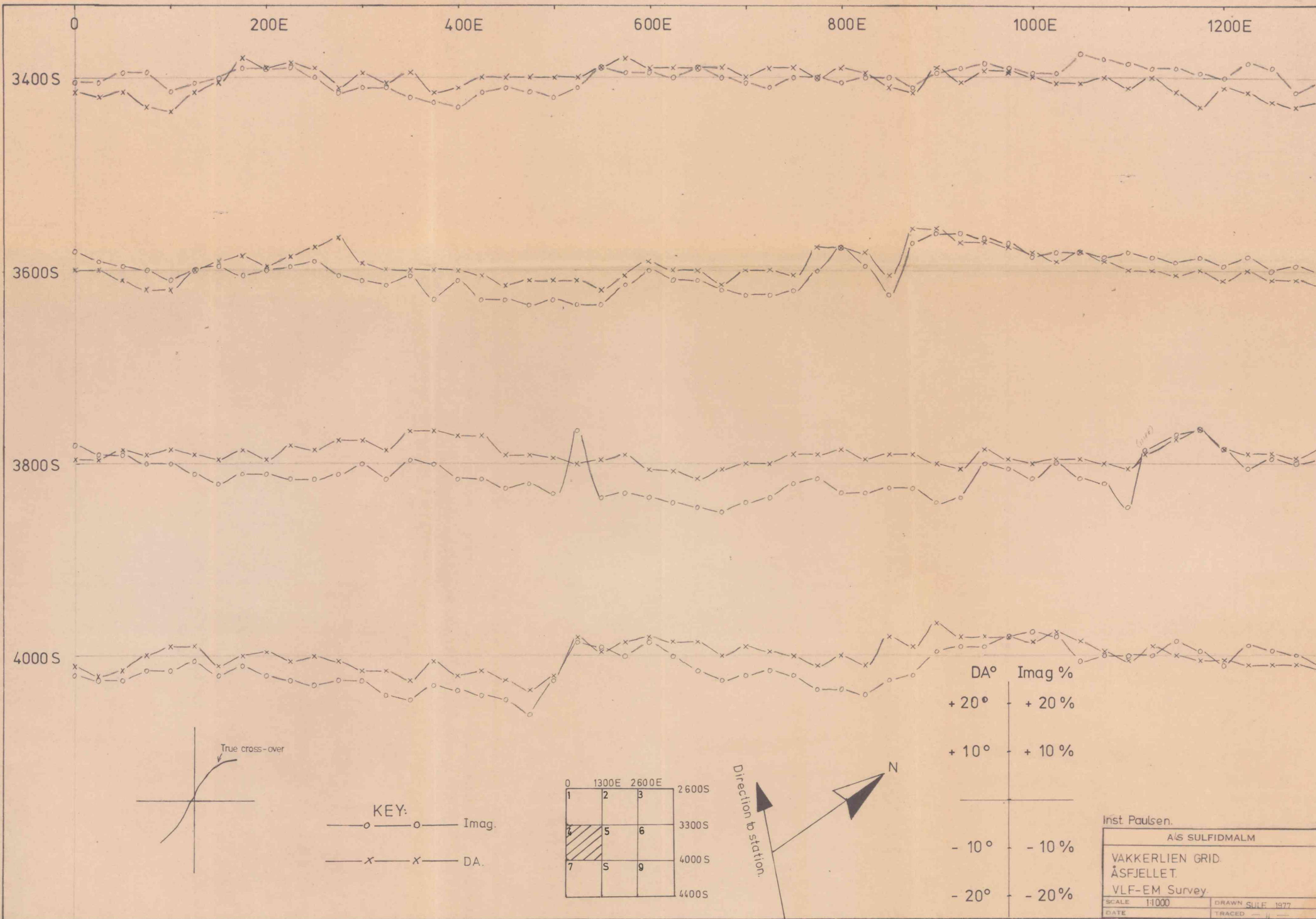
Direction to station.

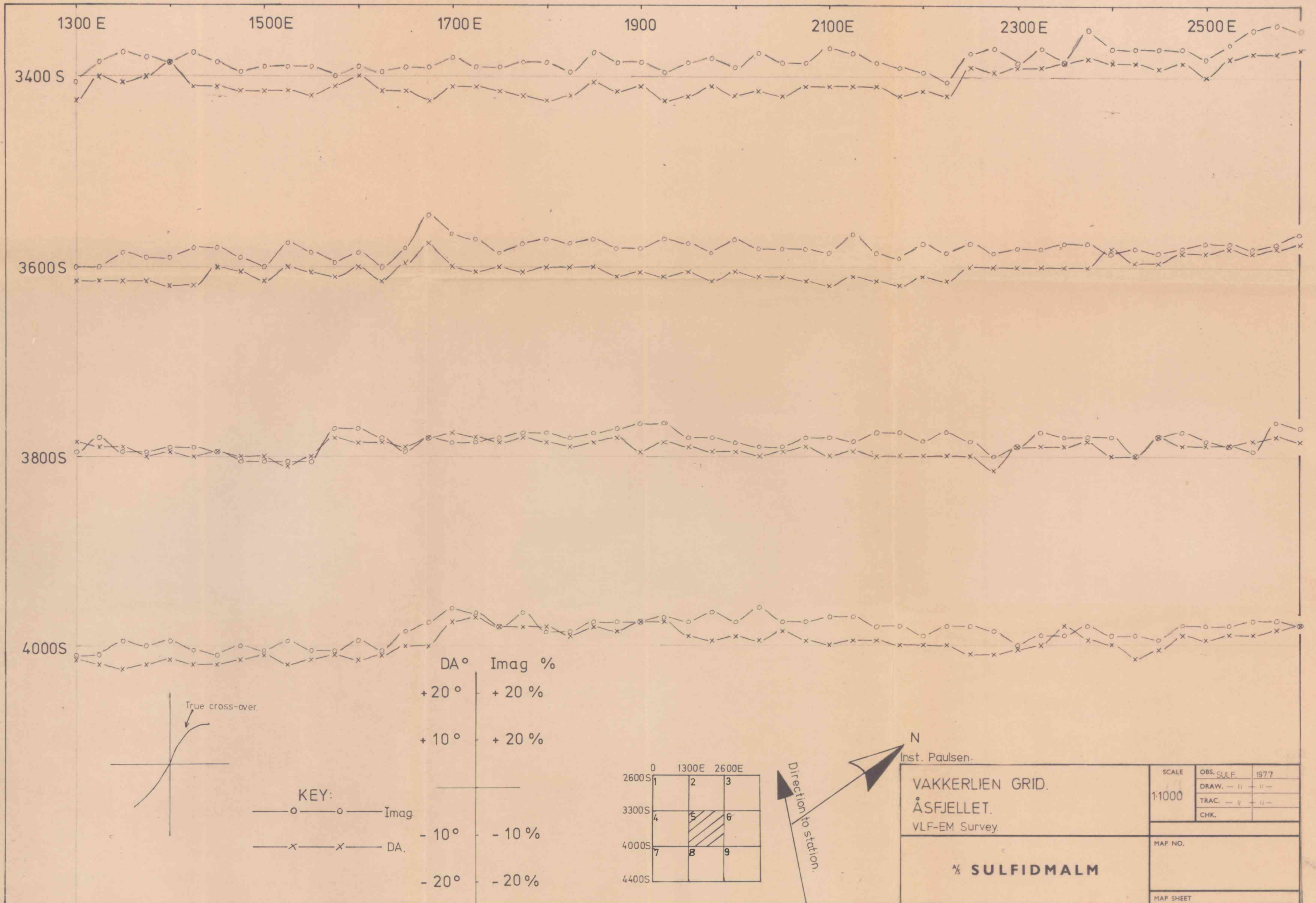
N Inst. Paulsen.

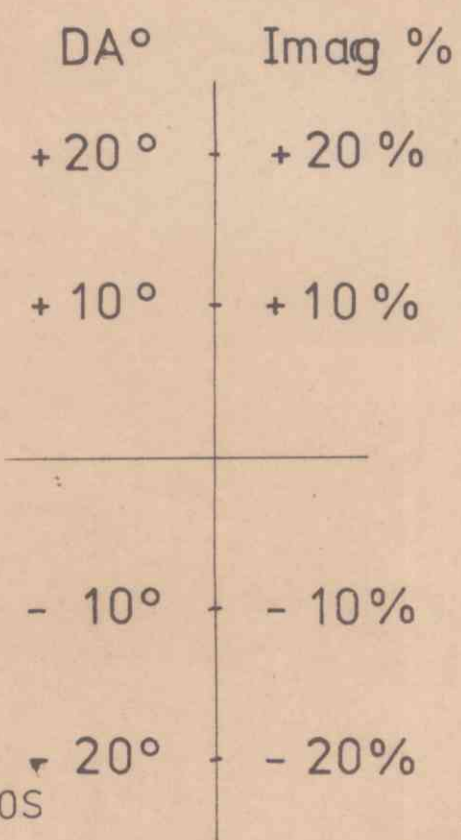
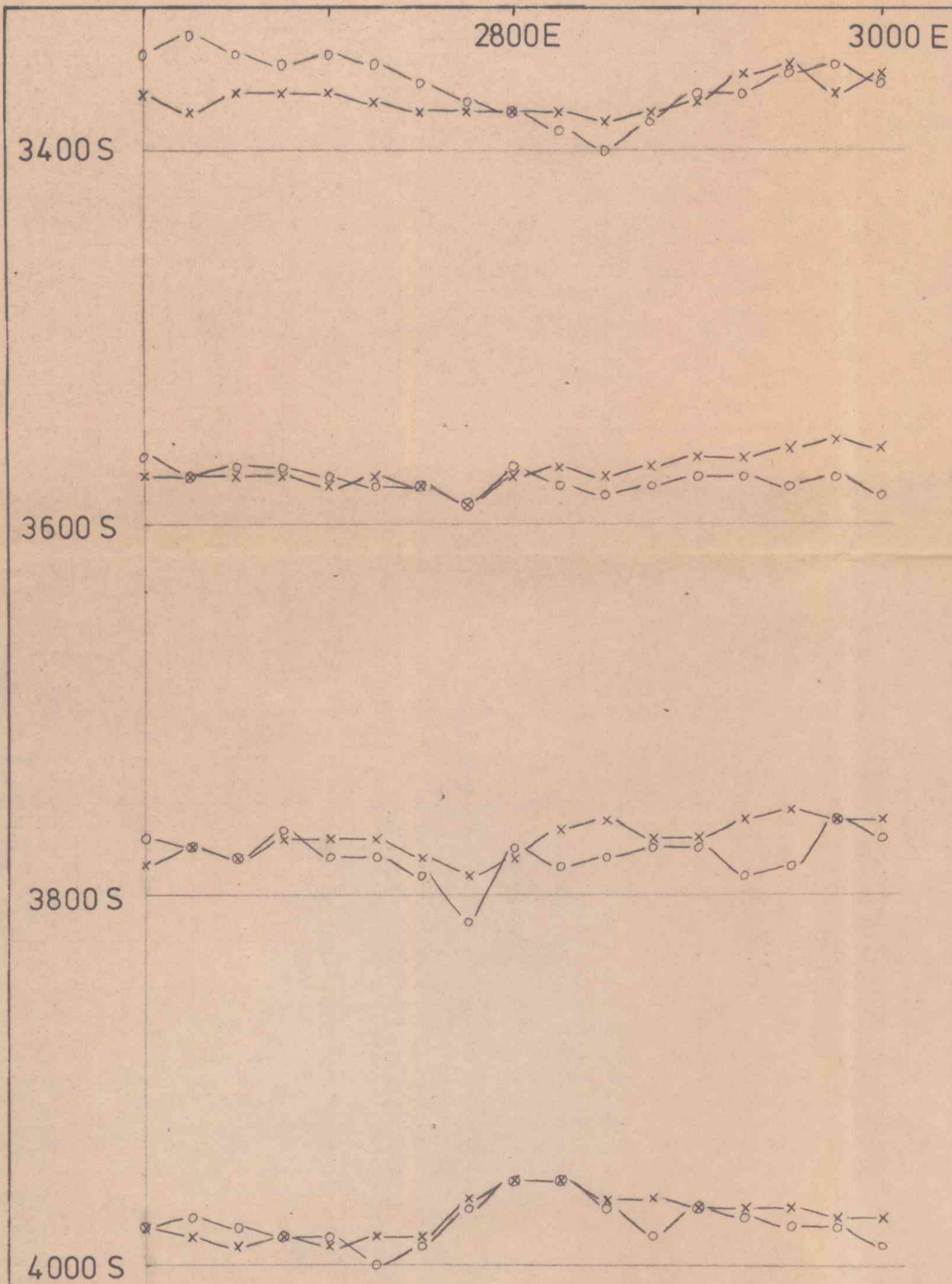
VAKKERLIEN GRID.
ÅSFJELLET.
VLF-EM Survey.

% SULFIDMALM

SCALE	OBS. SULF.	1977
1:1000	DRAW.	— " —
	TRAC.	— " —
	CHK.	
MAP NO.		
MAP SHEET		

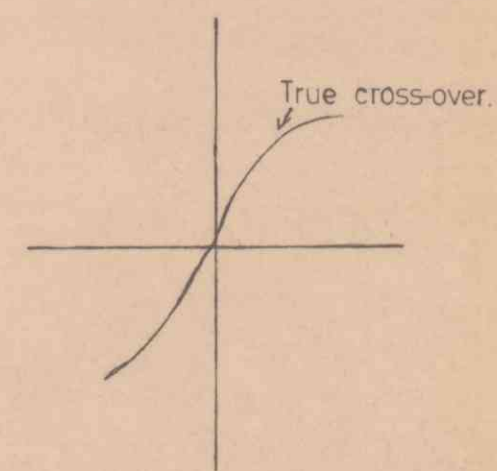






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 —x—x— DA.

0	1300E	2600E	2600S
1	2	3	3300S
4	5	6	4000S
7	8	9	4400S

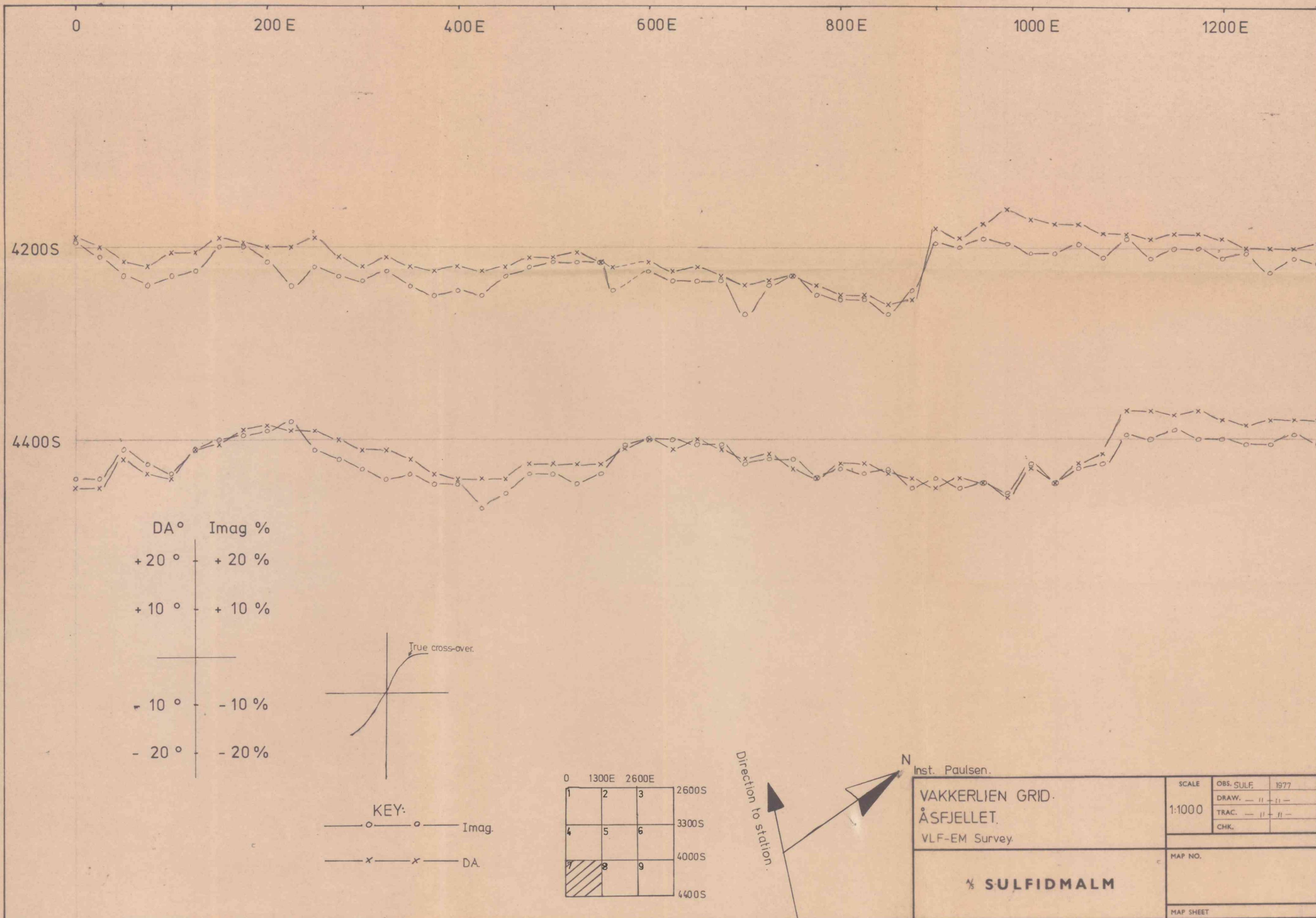


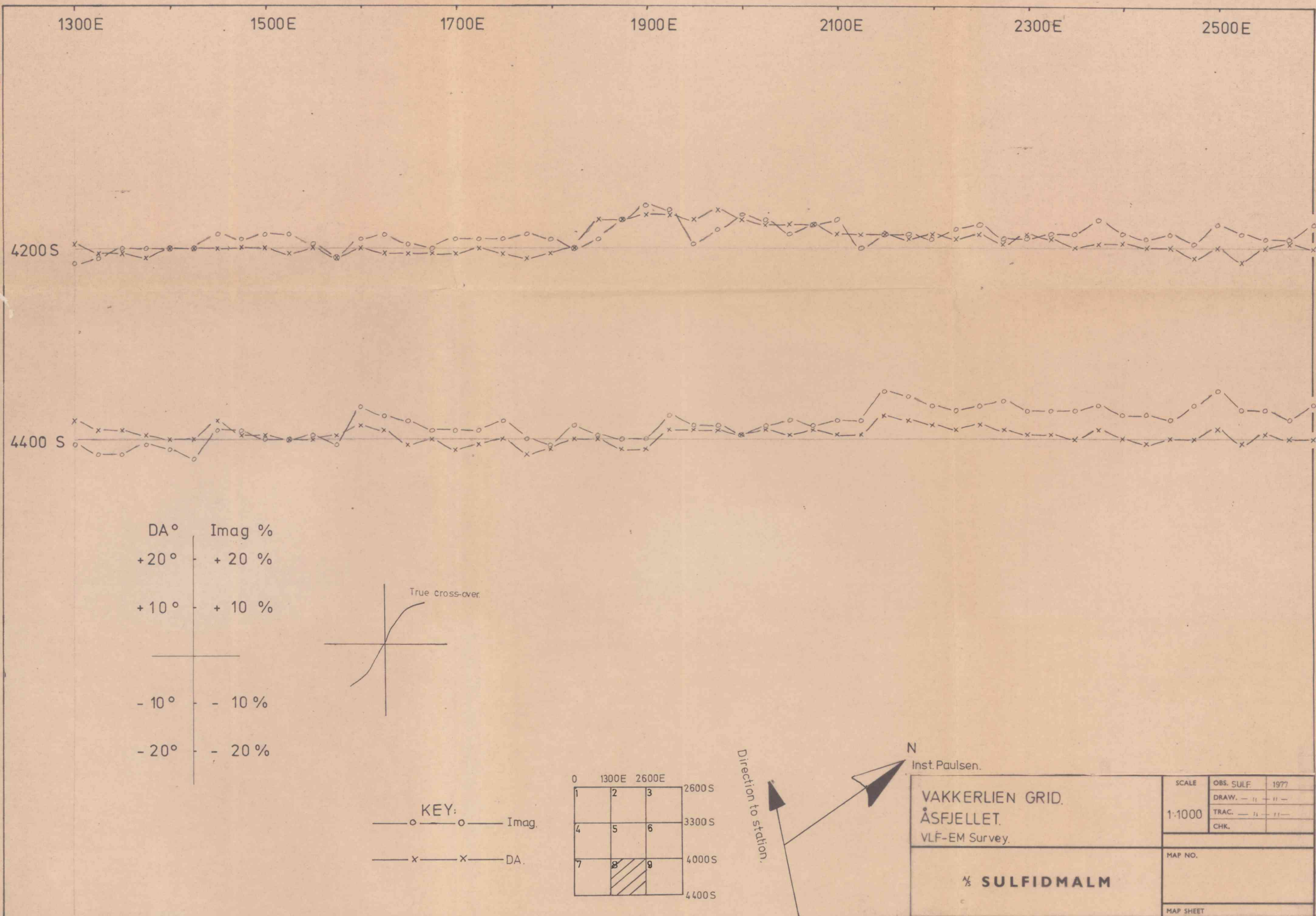
Direction to station.
 N
 Inst. Paulsen.

VAKKERLIEN GRID.
 ÅSFJELLET.
 VLF-EM Survey.

% SULFIDMALM

SCALE	OBS. SULF.	1977
1:1000	DRAW. — " — " —	
	TRAC. — " — " —	
	CHK.	
MAP NO.		
MAP SHEET		





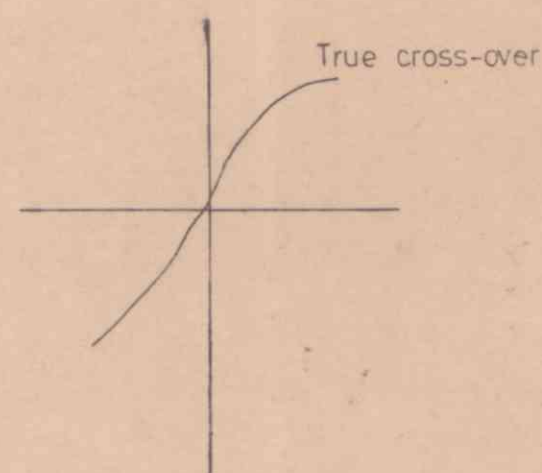
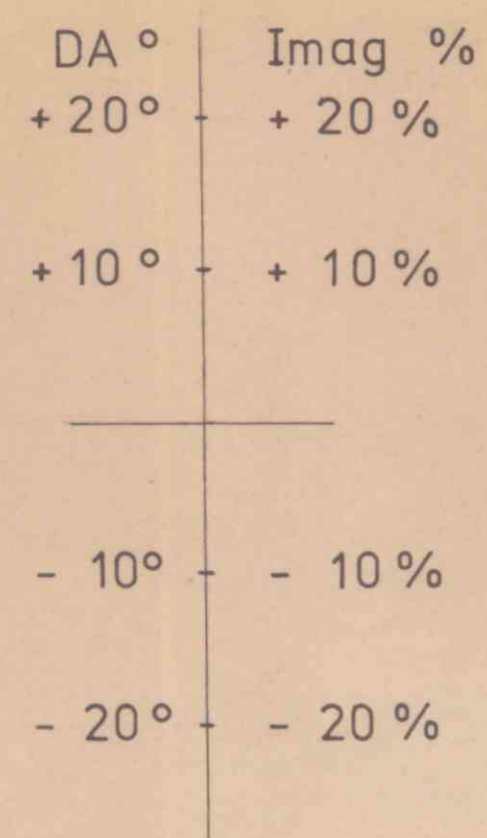
2600 E

2800 E

3000 E

4200 S

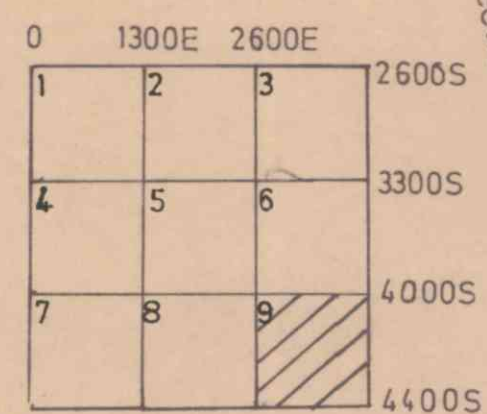
4400 S



KEY

— o — o — Imag.

— x — x — DA.



Inst. Paulsen.

VAKKERLIEN GRID.
ÅSFJELLET.
VLF-EM Survey.

1/2 SULFIDMALM

SCALE 1:1000	OBS. SULF	1977
	DRAW. — II — II —	
	TRAC. — II — II —	
	CHK.	
MAP NO.		
MAP SHEET		