



Bergvesenet

Postboks 3021, 7002 Trondheim

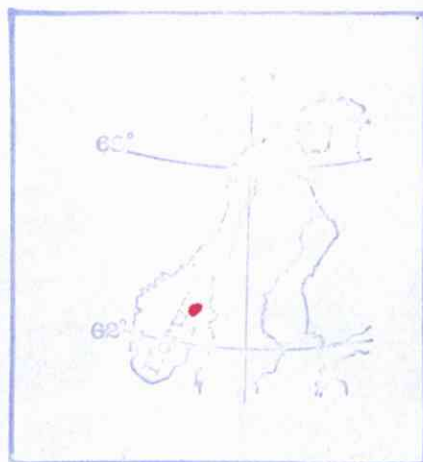
Rapportarkivet

Bergvesenet rapport nr BV 542	Intern Journal nr	Internt arkiv nr	Rapport lokalisering Trondheim	Gradering Åpen
Kommer fra ..arkiv Falconbridge	Ekstern rapport nr Sul 468-77-20	Oversendt fra Sulfidmalm A/S	Fortrolig pga	Fortrolig fra dato:
Tittel Reconnaissance, geophysical and geological investigations at Haukfjellet.				
Forfatter R Sivertsen		Dato 1977	Bedrift Sulfidmalm A/S	
Kommune Tynset	Fylke Hedmark	Bergdistrikt Østlandske	1: 50 000 kartblad 15202 16203	1: 250 000 kartblad Røros
Fagområde Geologi geofysikk geokjemi		Dokument type Rapport	Forekomster	
Råstofftype Malm/metall		Emneord Ni Cu		
Sammendrag Haukfjellet ligger øst for Innset og langt nord for Kvikne. Haukfjellet gabbro inneholder ultramafiske noduler. (kanskje lik Dyrhaugen Ni gabbro i Skjækerdalen, Verdal. BjLieungh p.c.)				

FOR FALCONBRIDGE NIKKELVERK A/S
A/S SULFIDMALM
PROJECT 905-20
INVESTIGATIONS IN THE KVIKNE REGION
1977

Reconnaissance, Geophysical and geological
investigations at Haukfjellet

By
R. Sivertsen



A. SULFIDMALM
INTER-OFFICE MEMORANDUM

Date: 14th February, 1978 ✓
To: Falconbridge Nikkelverk A/S
cc: W. D. Harrison, H. T. Berry, R. Sivertsen
From: F. Nixon
Subject:

Please find enclosed a report on investigations over the Haukfjellet meta-gabbro in the Kvikne region. Nothing of interest was discovered and no further work is recommended.

F. Nixon

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	REVISJ. AVD.			MARKT. AVD.	
	PERSONELL			ARBEID.	
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INLET OF THE MEMORANDUM

MEMORANDUM

Introduction

The Haukfjellet metagabbro body occurs as an inclusion in the Gula schist group approx. 4 km south of the Kvikne community.

The Haukfjellet metagabbro occurs in the same position as the rest of the mafic and ultramafic nodules in the area, i.e. included in or closely adjacent to the Gula amphibolites. The metagabbro is coincident with the mag- and EM helicopter anomalies. In 1977 the contacts to the enclosing sediments were mapped and a VLF survey was carried out.

Geology

The main rock units enclosing the metagabbro in the Haukfjellet area are graphite schist and amphibolite. The units are dipping gently eastwards with a north/south strike.

The original relation between metagabbro and the enclosing rock is obliterated by deformation (shearing, flattening, folding).

The metagabbro body itself is very variable ranging from coarse grained metagabbro consisting of amphibole and feldspar to ultramafic. No sulphides so far detected.

Geophysics

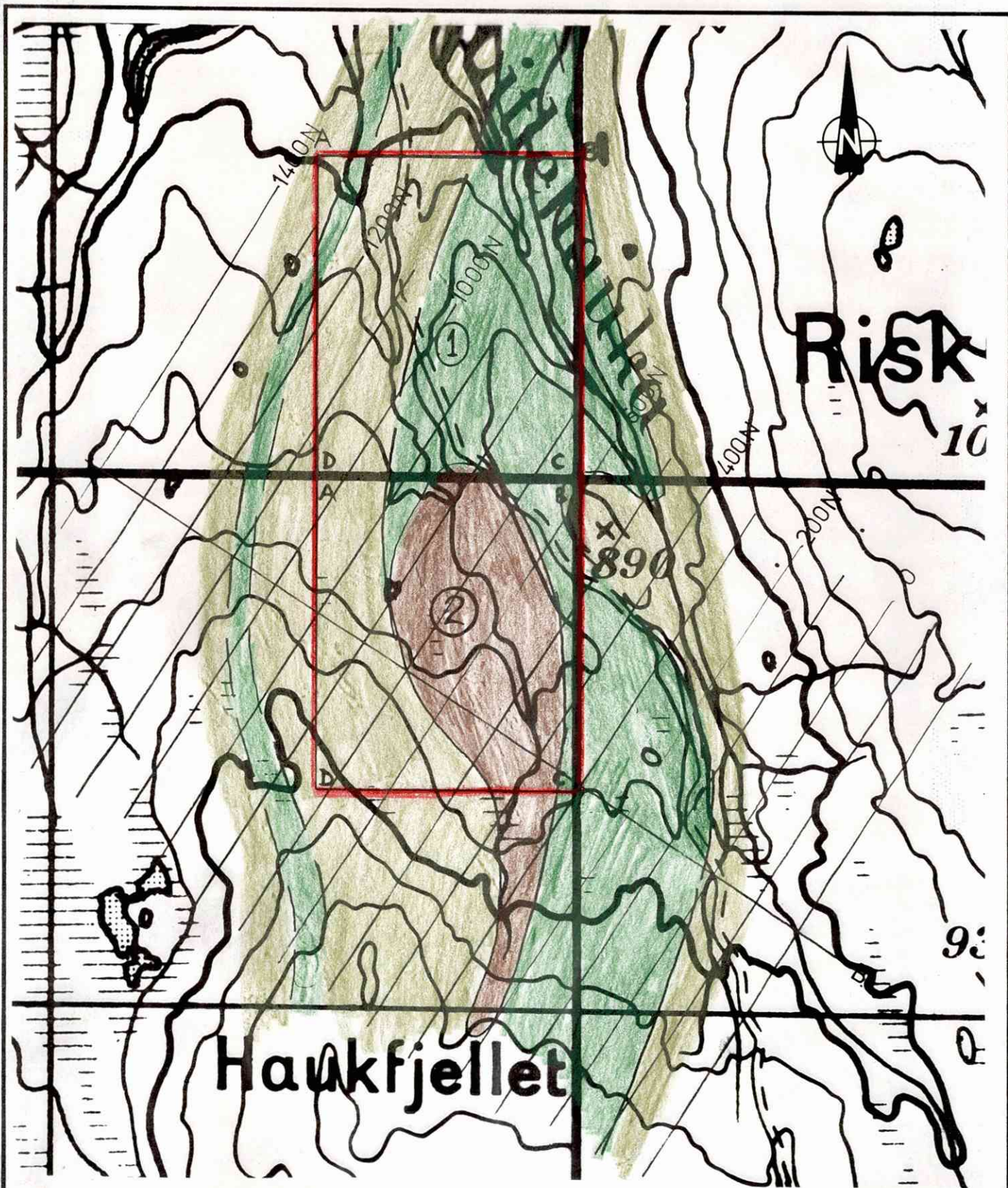
The VLF survey (the only geophysical tool used) gave a very irregular anomaly pattern which probably is reflecting the geology, different contacts and content of graphite.

The VLF seem to have picked up the metagabbro contacts very well.

No further work is recommended.

Enclosures

1. Kvikne area location and summary map.
2. 1:10 000 with grid, topo, geology.
3. VLF dip angle 1:2500.



Amphibolite



Metagabbro



Graphite schist



claim block

A/S SULFIDMALM

KVIKNE AREA

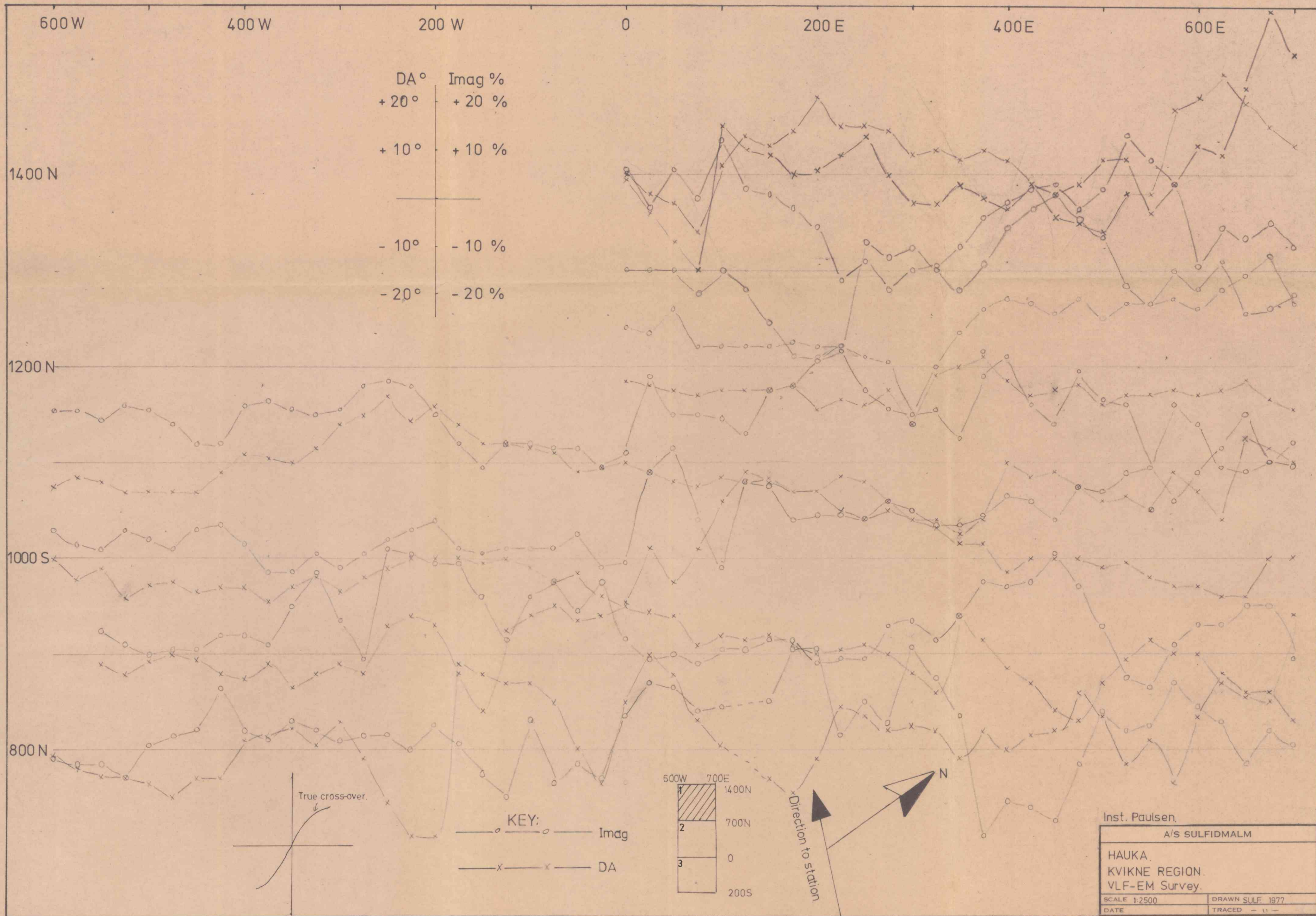
Haukfjellet grid

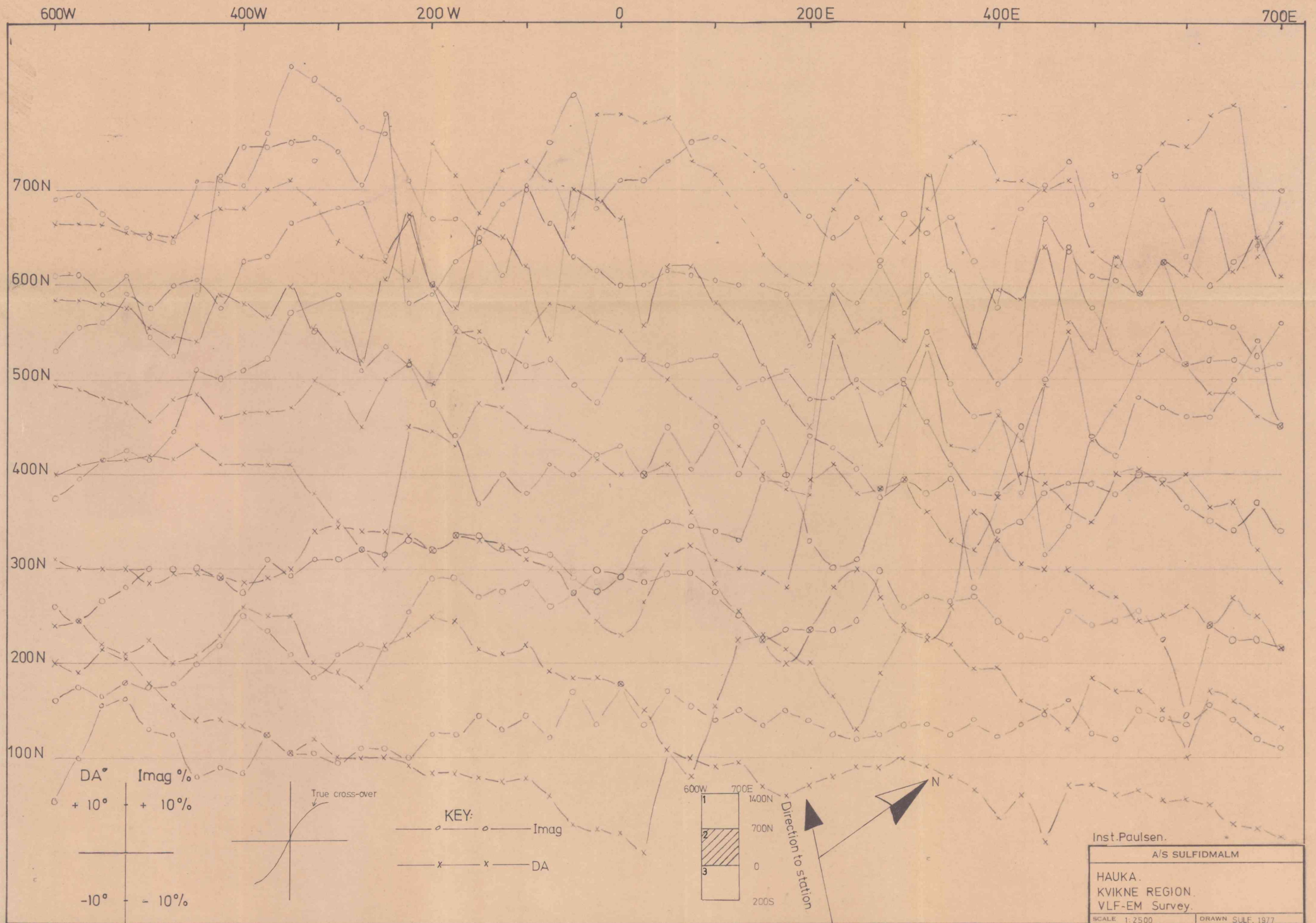
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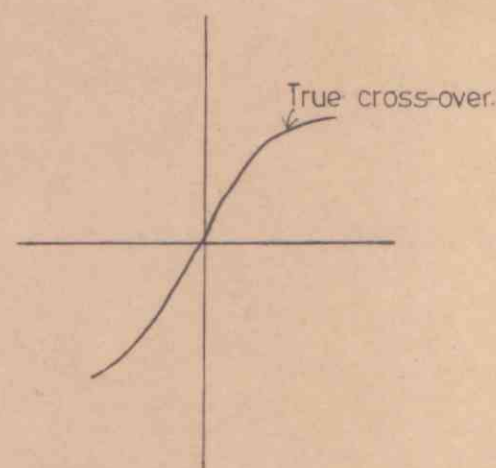
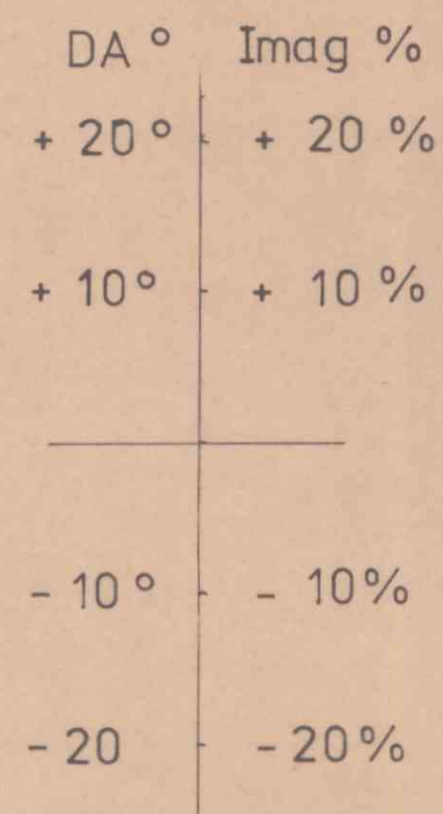
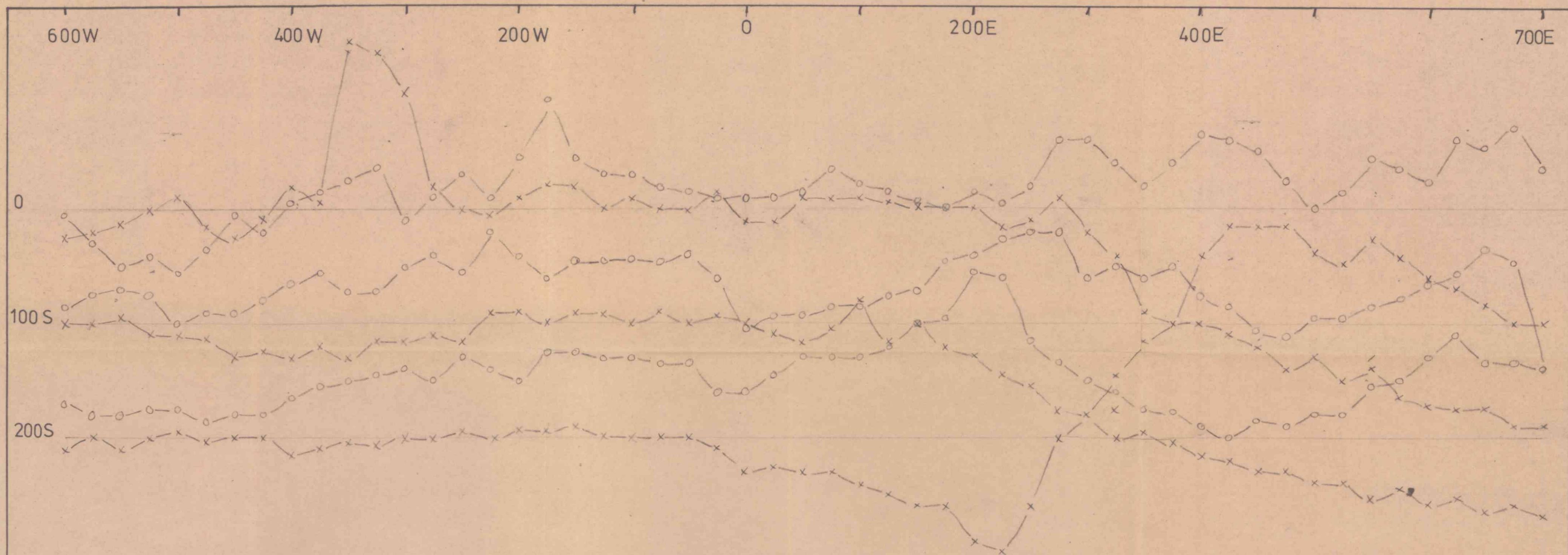
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TRACED RS



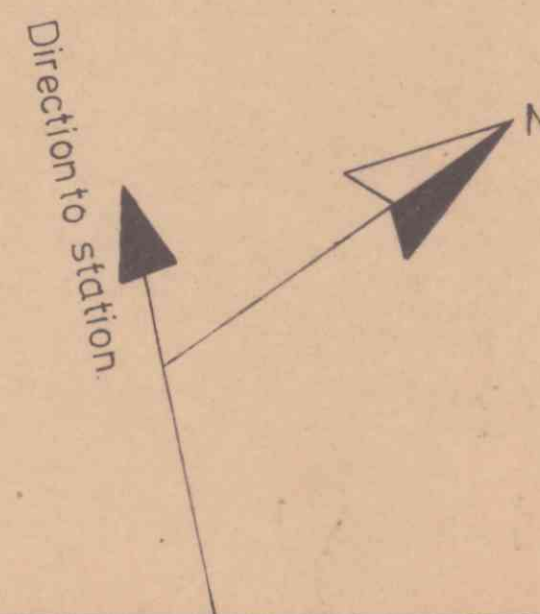
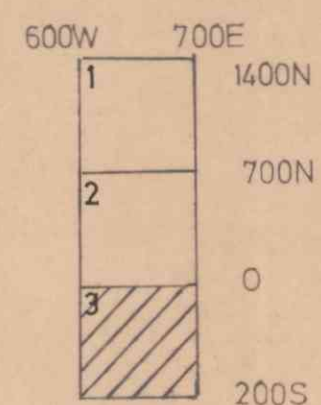




KEY:

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Inst. Paulsen.

HAUKA.
KVIKNE REGION.
VLF-EM Survey.

1/2 SULFIDMALM

SCALE	OBS. SULE	1977
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MAP NO.		
MAP SHEET		