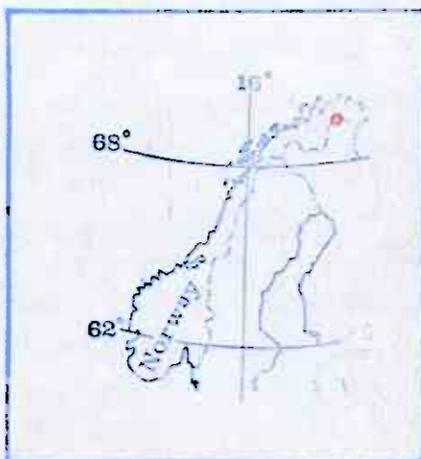


FOR FALCONBRIDGE NIKKELVERK A/S
A/S SULFIDMALM

Unna Vuovdas, Masi: Shootback
survey, 1975

By

R. B. Band
E. Kreivi

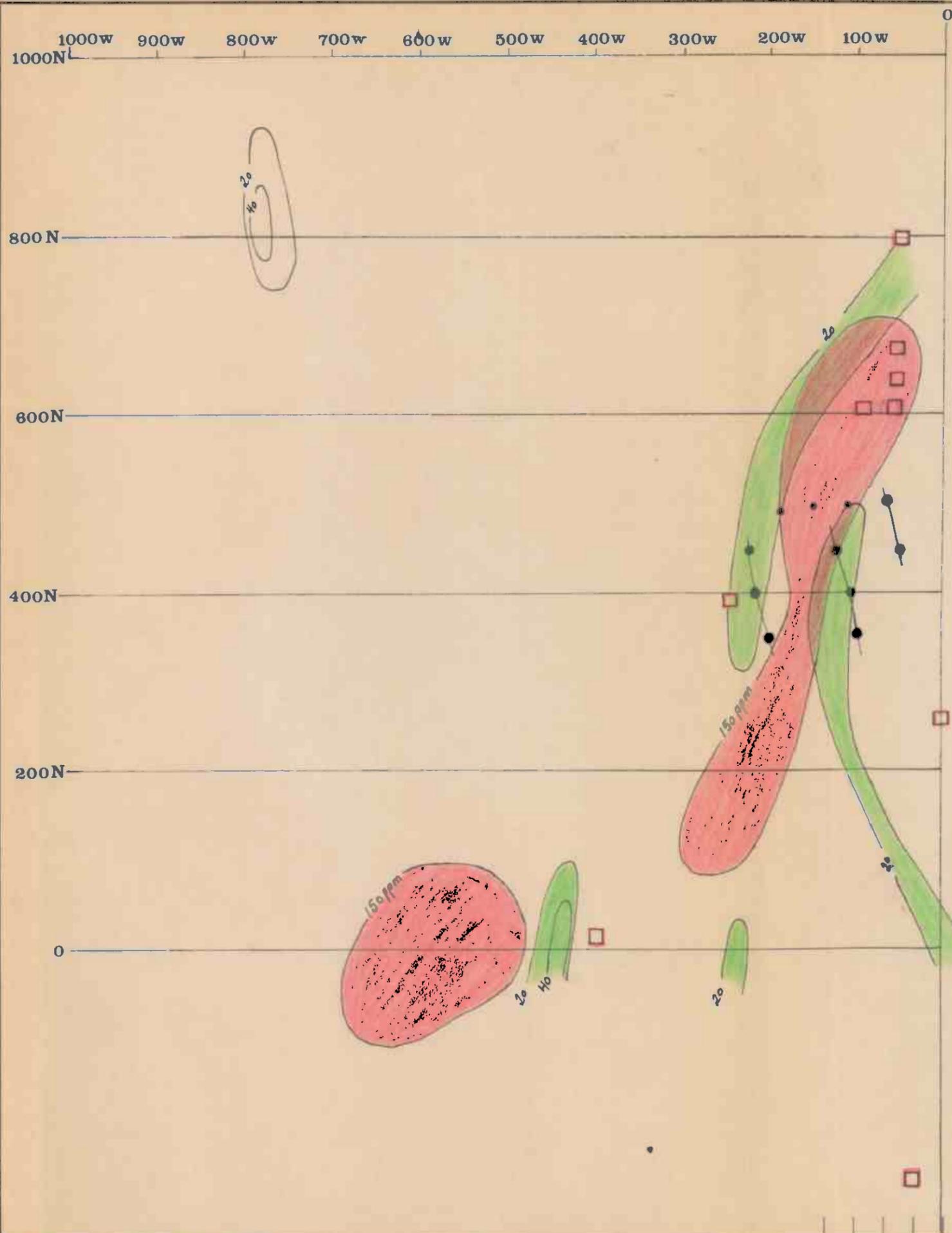


SUMMARY AND CONCLUSIONS

Mineralized outcrops carrying massive pyrrhotite with visible chalcopyrite were discovered at Unna Vuovdas in 1973, during the first phase of the Masi reconnaissance prospecting programme. Subsequent till geochemistry and VLF surveys outlined an area with high Cu and Co till values, associated with a strong VLF conductor and extending southwards from the newly discovered showings (Rpts. 277/17/73, 336/17/74). Fig. 1 shows the location of the Unna Vuovdas grid in relation to other targets in the Masi area.

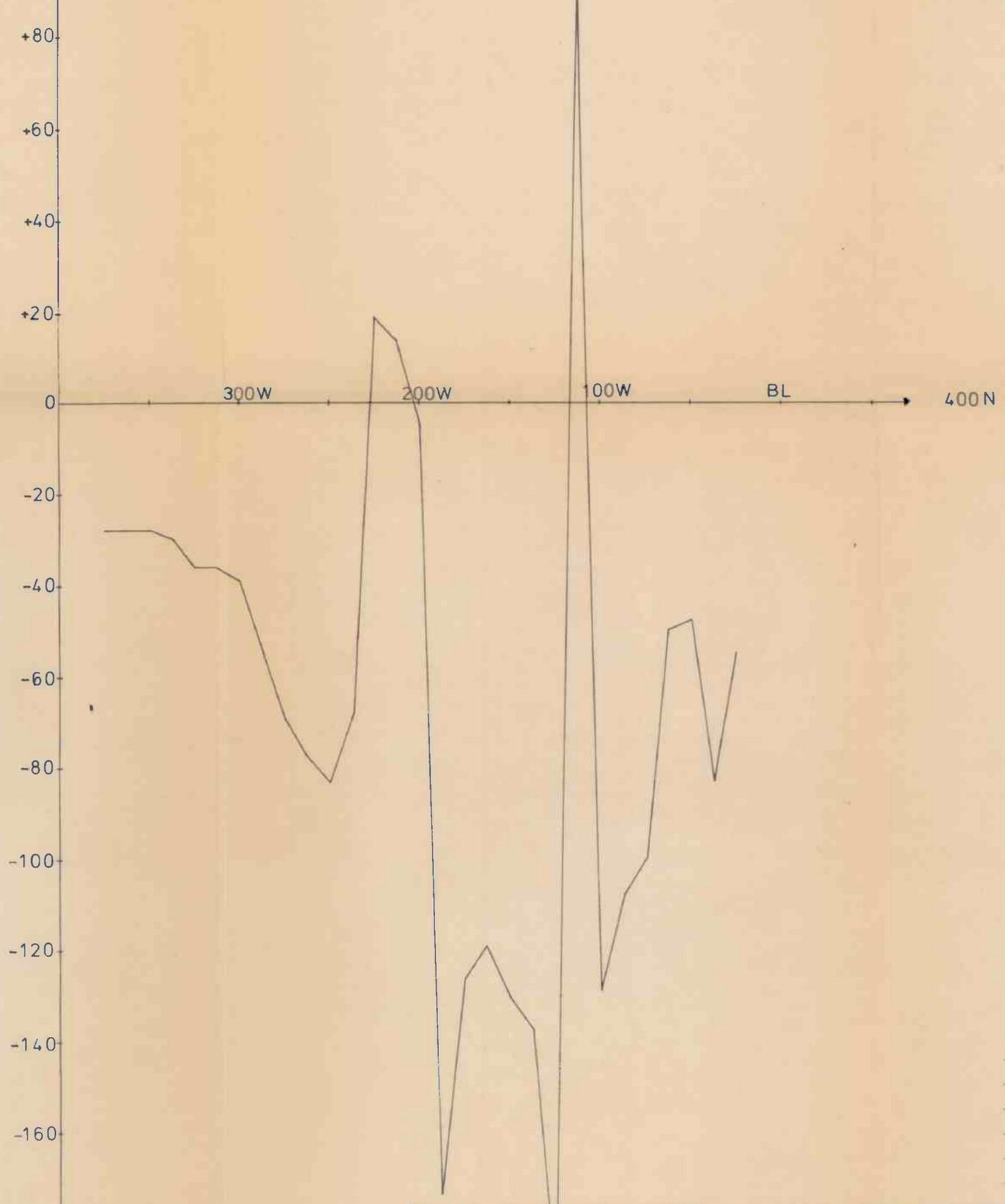
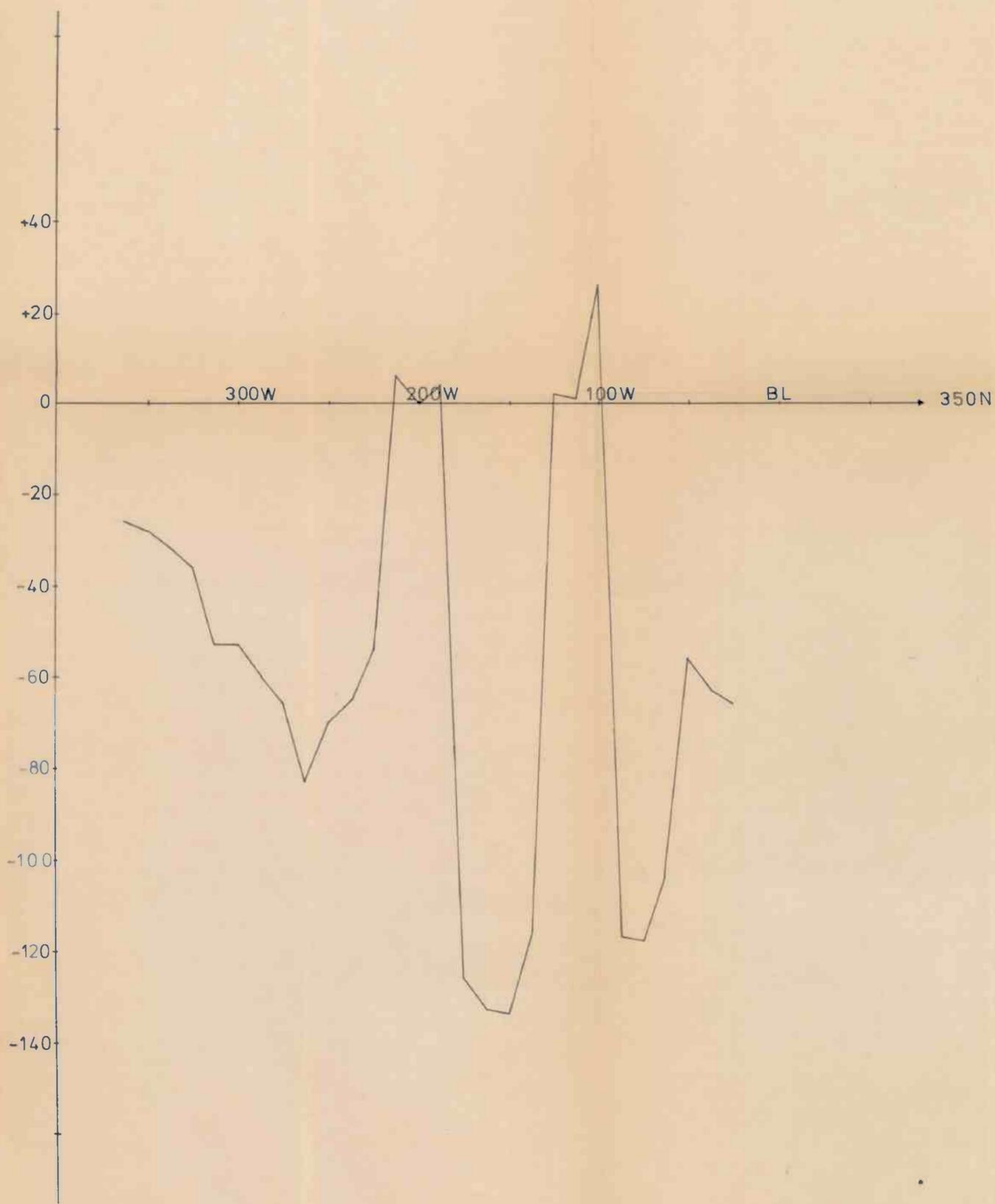
In 1975 selected lines were re-run using the Crone Shootback system, to confirm the VLF anomaly and define targets for drill-testing. The survey was run with a 50 m coil separation, with a reading interval of 25 m, along lines 100 m apart. The Shootback results confirmed the VLF survey, outlining three strong conductors. The results for Unna Vuovdas are summarized in fig. 2 and individual Shootback profiles are shown in figs. 3 - 4. Later in 1975 the drilling programme was modified, and for logistical reasons Unna Vuovdas was dropped from the 1975 drill programme.

A re-appraisal of the data, particularly the 1974 till geochemistry and HEM survey results (fig. 1) suggests that the most interesting target may lie to the south of the Unna Vuovdas grid. It is planned to extend the survey to the south in the spring of 1976. The Unna Vuovdas target will be drill tested in 1976.

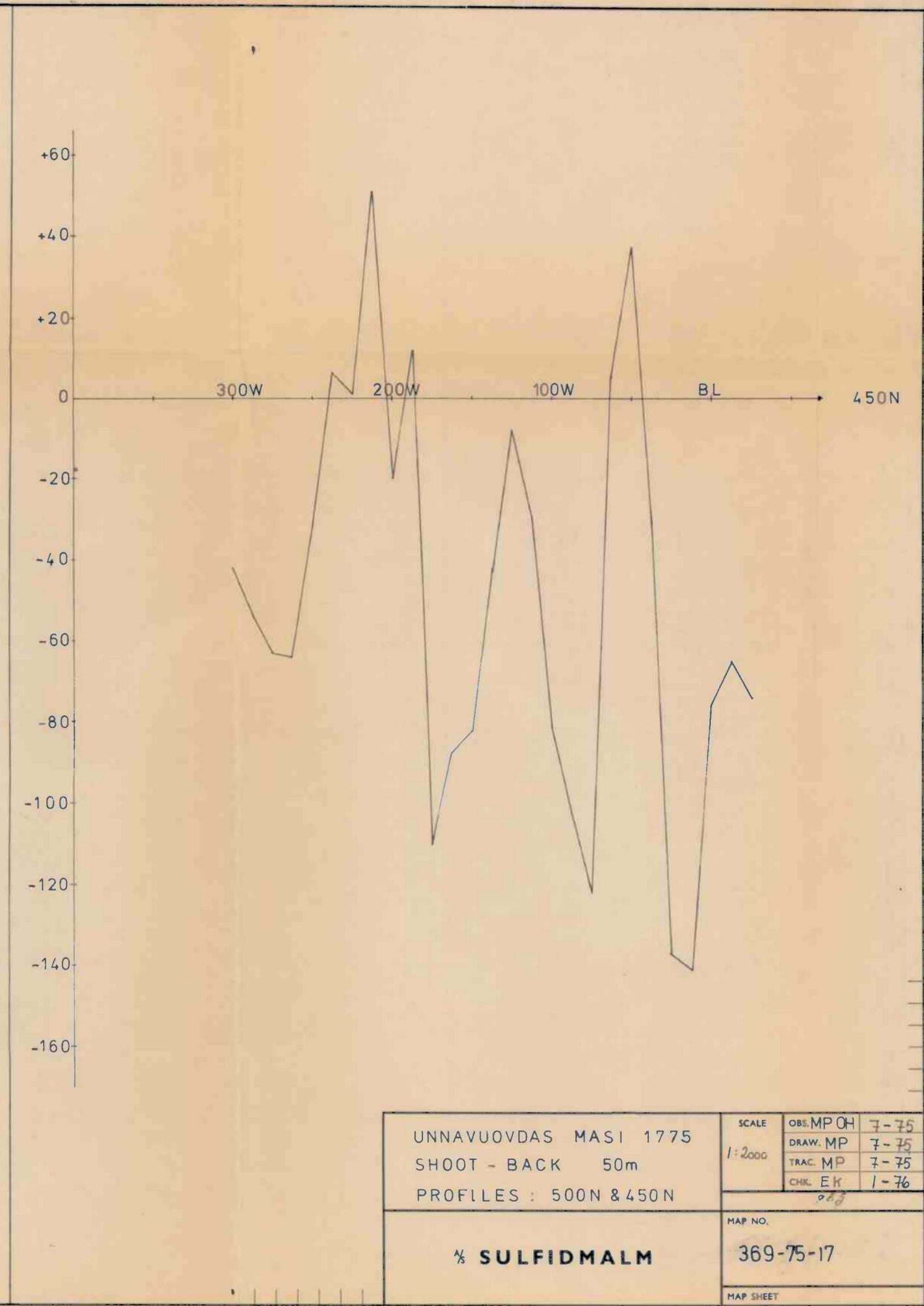
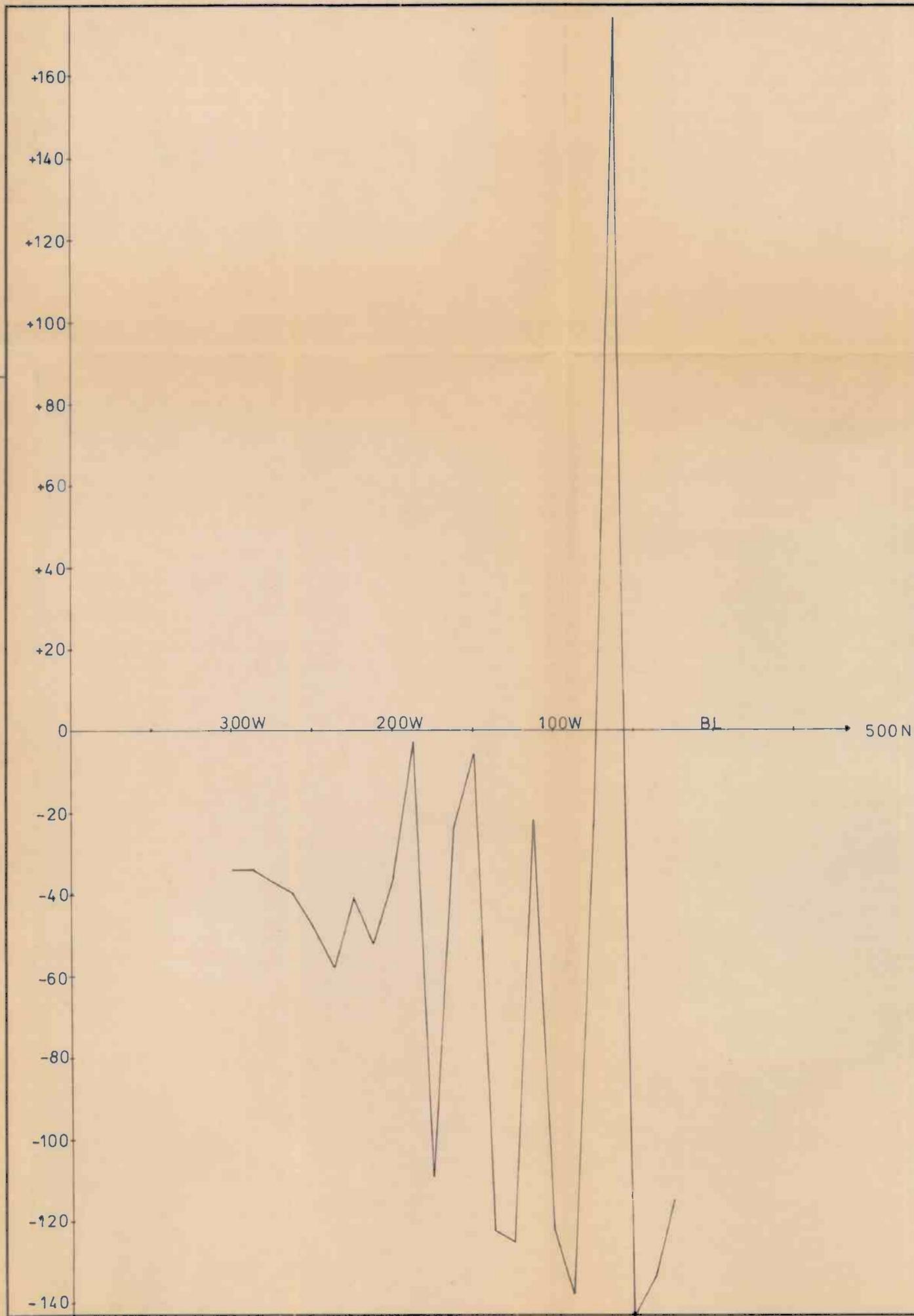


- KEY:**
- MINERALIZATION IN BEDROCK
 - █ VLF-FRAZER-ANOMALY
 - SHOOT-BACK-ANOMALY
 - █ Cu-ANOMALY >150ppm Cu

UNNA VUOVDAS Summary map.	MASI 1775								
	SCALE 1:5000	<table border="1"> <tr> <td>OBS. EK</td> <td>1973</td> </tr> <tr> <td>DRAW. EK</td> <td>1974</td> </tr> <tr> <td>TRAC. BB</td> <td>1976</td> </tr> <tr> <td>CHK. JBG</td> <td>---</td> </tr> </table>	OBS. EK	1973	DRAW. EK	1974	TRAC. BB	1976	CHK. JBG
OBS. EK	1973								
DRAW. EK	1974								
TRAC. BB	1976								
CHK. JBG	---								
1/4 SULFIDMALM	MAP NO.								
	MAP SHEET								



UNNAVUOVDA S, MASI 1775 SHOOT - BACK 50m PROFILES: 350N & 400N	SCALE	OBS. MP OH	7-75
	1:2000	DRAW. MP	7-75
% SULFIDMALM		TRAC. MP	7-75
		CHK. EK	1-76
	MAP NO.	369-75-17	
	MAP SHEET		



UNNAVUOVDAS MASI 1775 SHOOT - BACK 50m PROFILES : 500N & 450N	SCALE	OBS. MPOH	7-75
	1:2000	DRAW. MP	7-75
		TRAC. MP	7-75
		CHK. EK	1-76
% SULFIDMALM		MAP NO.	369-75-17
		MAP SHEET	