



Bergvesenet

Postboks 3021, 7002 Trondheim

Rapportarkivet

Bergvesenet rapport nr BV 476	Intern Journal nr	Internt arkiv nr	Rapport lokalisering Trondheim	Gradering Åpen
Kommer fra ..arkiv Falconbridge	Ekstern rapport nr Sul 242-72-17	Oversendt fra Sulfidmalm A/S	Fortrolig pga	Fortrolig fra dato:
Tittel Agjet (Addjit) map-sheet 1832 IV. Reconnaissance interpretations of NGU's maps.				
Forfatter E Kreivi		Dato 1972	Bedrift Sulfidmalm A/S	
Kommune Kautokeino	Fylke Finnmark	Bergdistrikt Finnmark	1: 50 000 kartblad 18324	1: 250 000 kartblad Nordreisa
Fagområde Geologi	Dokument type Rapport	Forekomster Javkajavre		
Råstofftype Malm/metall	Emneord Cu			
Sammendrag Rapporten fremhever følgende områder som interessante: Javkajavre og Kautokeinoelven				

FOR FALCONBRIDGE NIKKELVERK A/S

A/S SULFIDMALM

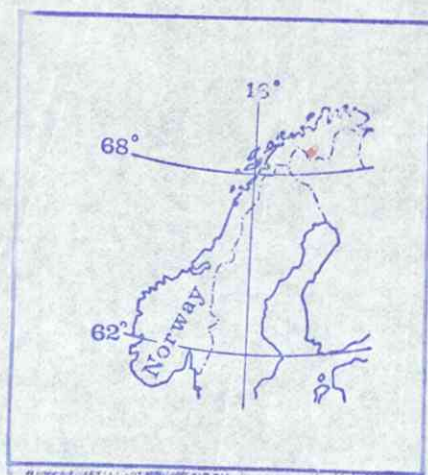
PROJECT 905-17

AGJET MAP-SHEET 1832 IV

RECONNAISSANCE INTERPRETATIONS OF NGU'S MAPS.

by

Erkki Kreivi



Report no. 242/72/17

A/S SULFIDMALM
INTER-OFFICE MEMORANDUM

Date: 19.7.73

To: Falconbridge Nikkelverk A/S ✓

cc: A.M. Clarke
H.T. Berry
E. Kreivi

From: R.B. Band
J.B. Gammon

Subject: 905-17. Agjet Map Sheet, Finnmark. Report Nr. 242/72/17

Please find attached Kreivi's summary of NGU's work on the Agjet map sheet. Part of the "Bidjovagge" greenstone belt crosses the eastern part of the map sheet and he recommends further work in that area.

J.B. Gammon

MOTTATT		20. 07. 73	BESV.	ARK.
ADM. DIR.			FORSKN/UTV.	
TEKNISK DIR.			EL. LYSEAVD.	
PERSONALDIR.			M.L. AVD.	
ADM. SJEF			R. & SM. AVD.	
INNKJ. AVD.			EL. TEKN. AVD.	
REGN. K. AVD.			INSTR. AVD.	
SKIPN. AVD.			MEK. AVD.	
RIEFMET.			PROS. AVD.	
3	SPRKSBEARB.			SVAR DATO

Introduction

The following map sheets at a scale of 1:50000 are attached to this report:

Geological map	1 - 242 - 72 - 17
Aérogeophysical map	2 - 242 - 72 - 17

The major part of the area consists of old granitic gneiss-basement with younger granite- and hornblendite-intrusives. The eastern part is formed by a part of the main Caskias greenstone belt.

The aérogeophysical map which is available has information only on the eastern part of the map sheet i.e. on part of the Caskias greenstone belt.

The area is not covered by stream sediment sampling.

Interesting areas

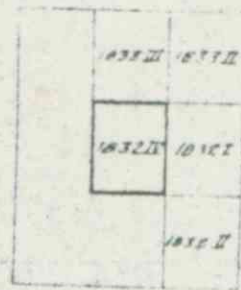
- | | |
|-------------------|---|
| 1) Jvakajavrre | - mag/EM anomalies |
| 2) Kautokeinoelva | - greenstone-quartzite |
| | - possibly folded rocks |
| | - needs prospecting, till sampling across anomalies |
| | - low priority at the moment |

Conclusion

The eastern part is partly accessible from the roads. The eastern areas should be covered by stream sediment sampling.



KEY:

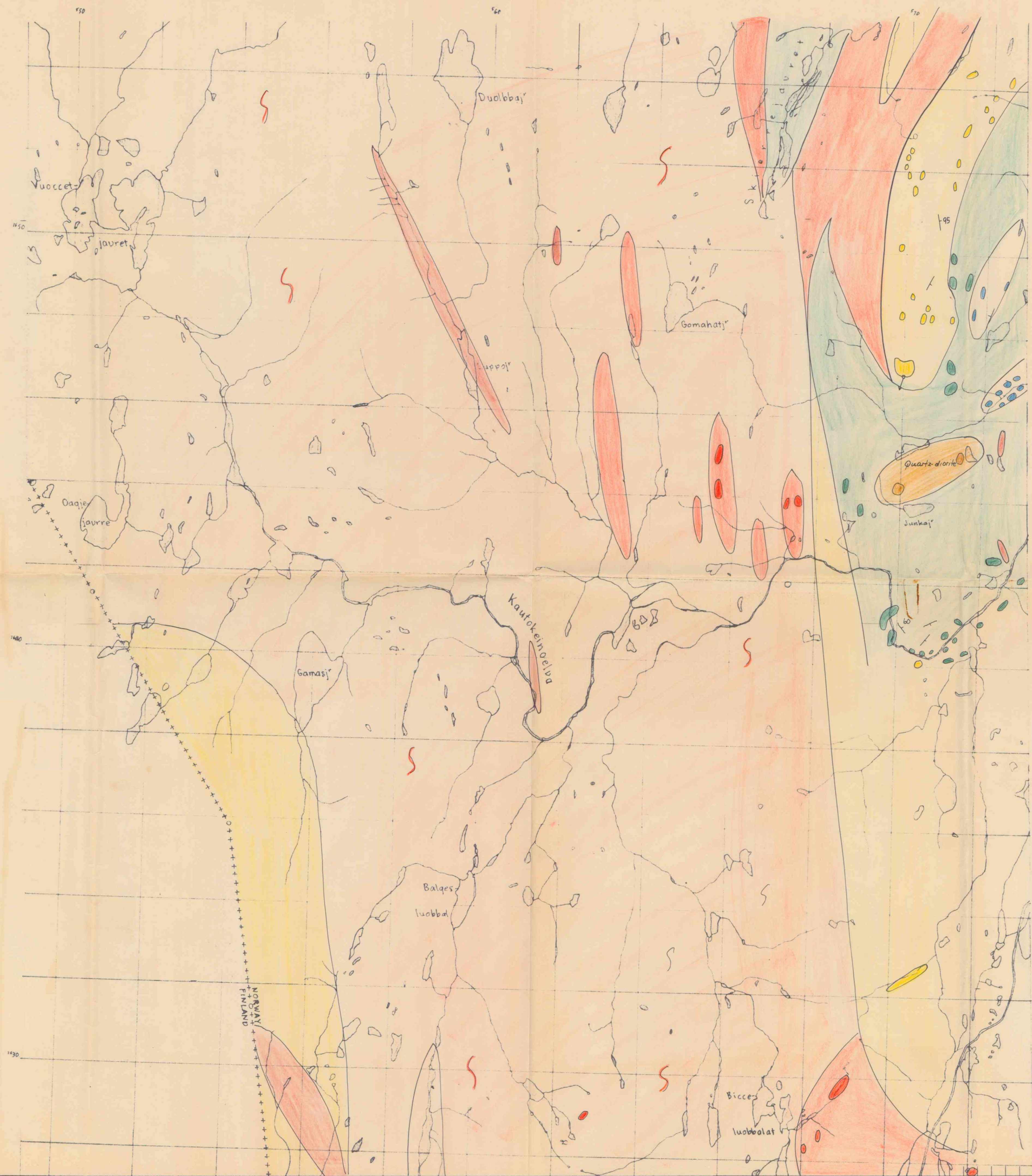


Flight line with fiducials

Magnetic contours. Values with reference to an arbitrarily chosen level.

Closed area with lower magnetic values.

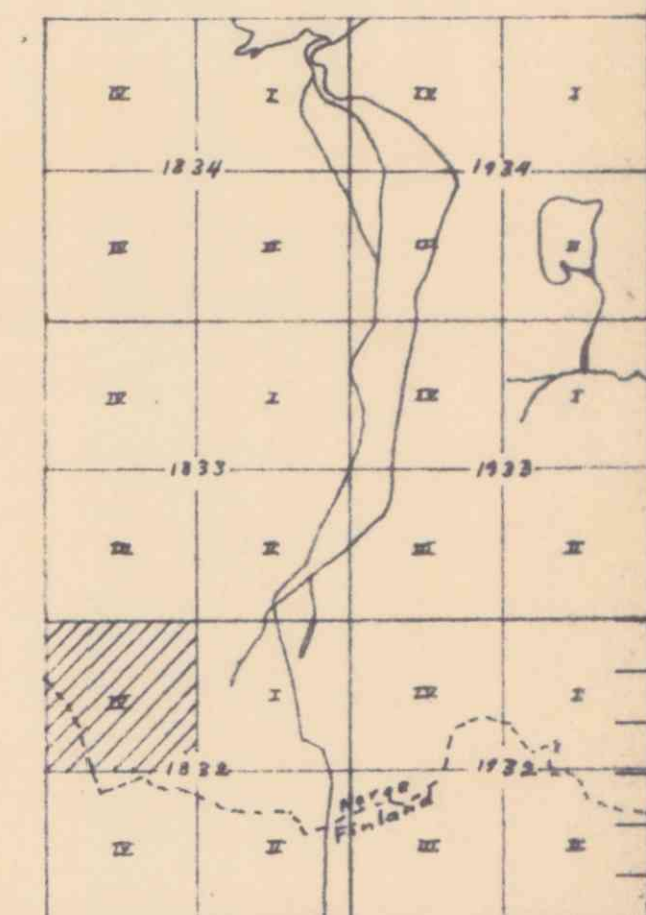
AGJET Aero mag. and EM - map	SCALE	OBS. NGU	-58
	1:50,000	DRAW.	
		TRAC. BL	7-73
		CHK.	
SULFIDMALM	MAP NO.		
	2-242-72-17		
MAP SHEET		1832 IV	



KEY:

- Granite, pegmatite, granitic gneiss
- Quartzite, feldspathic grit
- Conglomerate
- Quartz-mica schist
- Albite-carbonate rock
- Graphite schist
- Dark schists, greenschists
- Amphibolite, greenstone
- Hornblende, albite diabase
- Argillite
- Ore-minerals in block/bedrock

- Chromite
- Chalcopyrite
- Chalcosite
- Pyrite
- Pyrrhotite
- Pentlandite
- Sphalerite
- Galena
- Molybdenite
- Magnetite
- Hematite
- Arseno-pyrite



AGJET		SCALE	OBS. NGU
Geology according to NGU		1:50 000	DRAW. EK
			TRAC. BL 7-73
			CHK.
			1-242-72-17
		MAP NO.	1832 IV
			AGJET
		MAP SHEET	