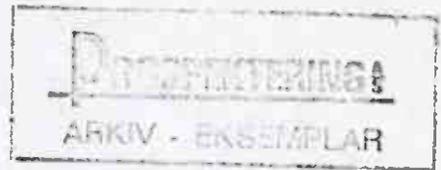


map → ARKIV.

1981

Report 1281



ANNUAL REPORT 1981

THE BIDJOVAGGE CONCESSION AREA.

A/S BIDJOVAGGE GRUBER

2567

413.7. BIDJOVAGGE CONCESSION AREA.

The project was supervised by geologist Ivar Hultin until 01.11.81. From that date the project was undertaken by geologist Ragnar Hagen.

The project is in co-operation with Gulf Oil. Total costs in 1981 were NOK 4 000 000.

Following persons have been engaged to the project :

Geologist Kjell Nilsen,	hard-rock mapping.
" Edvard Iversen,	" " "
Geophysicist Ørnulf Logn,	supervisor of underground- and surface measurements.
Assistant geologist Leif Storeide )	supervising all sorts of
" " Tord Andersson)	geochemical and geological sampling.

-This project is partly in co-operation with the Finnmark-project of the Geological Survey of Norway (NGU). Therefore A/S Sydvaranger has engaged four academicians at NGU on full time in a period of three years.

Engaged academicians :

State geologist Martin Hamborg,	quaternary mapping.
" " Jan Sverre Sandstad,	hard-rock mapping.
Geochemist Cato Olaisen,	geochemical surveys sampling.
Geophysicist Jan Olav Mogaard,	air-borne measurements.

Engaged field assistants for a period of 9-11 months :

Nils Anders Hatta,	geophysical surface measurements and geochemical workings.
Nils Isak Bongo,	" " " "
Frans Vilhelm Saari,	" " " "
Terje Holmen,	diamond drilling and geochemical sampling.
Nils A Gaino,	" " " "
Ole A Gaup,	" " " "

Engaged summerassistants for a period 2-3 months

mainly for all sorts of geochemical samplings :

Håkon Isak Vars, Per Mattis Siri, Isak Olav Oskal, Mikkel Olsen Hatta, Mikkel Isak Vik, Ante Johan Turi.

### Regional surveys.

Helicopter measurements have been carried out south to southeast of Bidjovagge Mine. An area of 240 km<sup>2</sup> is covered, see appendix. Report is available.

Regional geo-samplings (stream-sediments) are done in south part of the Concession Area, see appendix.

All analytical works are executed by NGU. The results will be presented in EDB-maps in scale 1:50 000.

The job is supervised by C. Olaisen.

Till this day the Concession Area is "covered" by regional stream-sediments. The detailed works will be started up in 1982.

Hard-rock survey-mapping has been done mainly in the Suovrarappat Area, and Gorvis Area by J.S. Sandstad and K. Nilsen respectively, see appendix. Reports will soon be available.

Detailed quaternary surface-studies have been carried out in connection with the Cu-mineralized boulders in the Sentral Suovrarappat.

These works were supervised by M. Hamborg. Report will soon be available.

### Gorvis-locality.

According to previous fieldworks there was registered a very strong EM-anomaly in connection to several Cu-mineralized boulders of albitite.

The EM-anomaly is caused by a thick graphite-shale, approx. 60 m, often intercalated with albitite.

The helicopter measurements of 1980 registered also a very strong mag. anomaly very close to the EM-anomaly. In connection with this mag. anomaly it was found several boulders of amphibolite containing chalcopyrite and bornite.

These registrations were accompanied by new ground measurements (mag. + VLF-registivity) which indicated new EM-anomalies in connection with the formers.

The most interesting anomalies were diamond-drilled. Totally it was drilled 509.20 m, divided on six holes.

The preliminary results indicates good pyrite mineralization together with minor content of chalcopyrite and bornite, mainly in connection with

amphibolites. Some minor chalcopyrite-mineralizations are also registered in connection to tectonized zones.

The geophysical tasks were supervised by geophysician Ø. Logn.

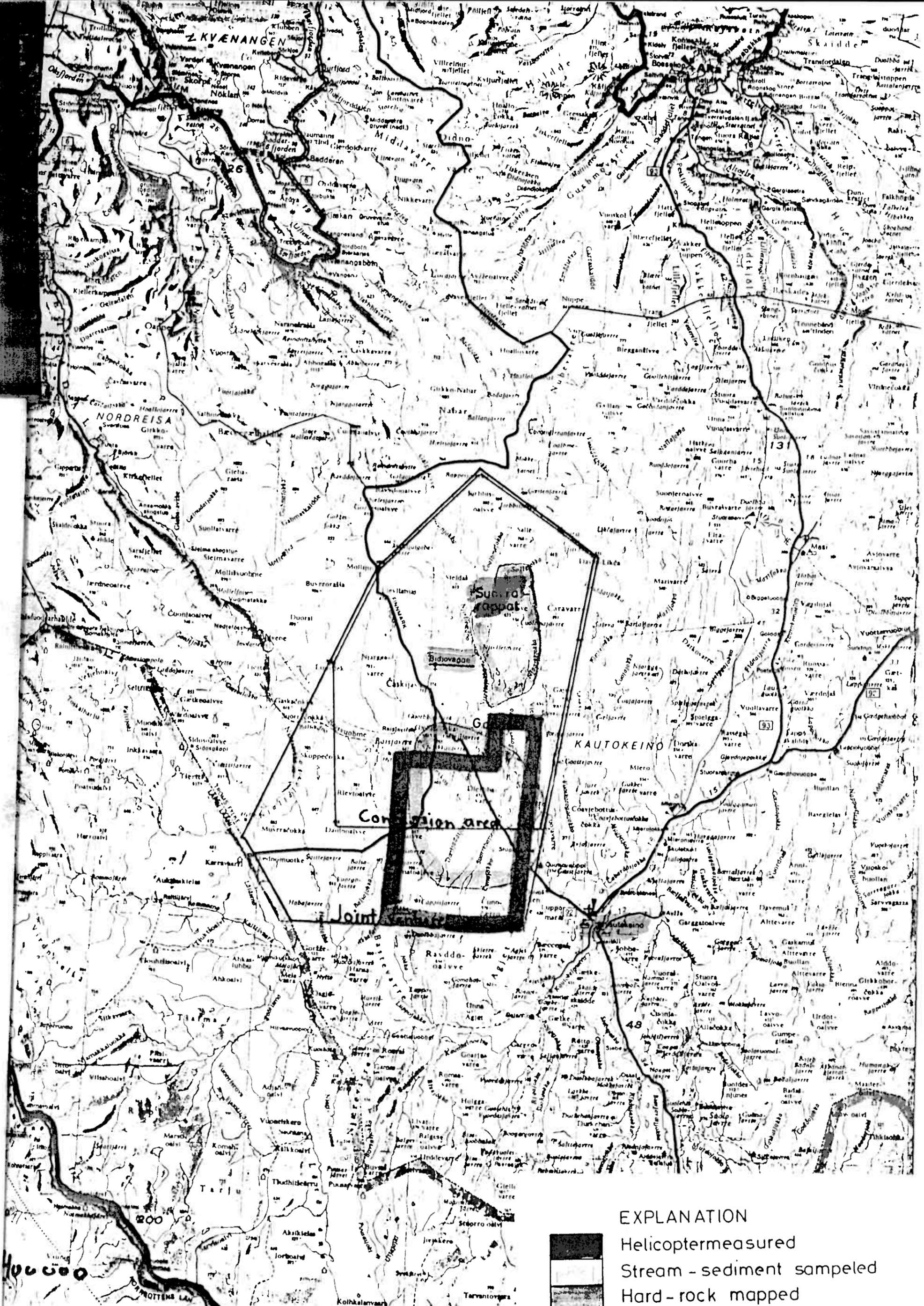
The geological works were supervised mainly by geologist K. Nilsen.

The drilling company Terranor A/S did the diamond-drillings.

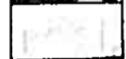
The reports are available.

Stabekk, 16-4-1981.

*Ivar Hultin*  
Ivar Hultin.



EXPLANATION

-  Helicoptermeasured
-  Stream - sediment sampled
-  Hard - rock mapped

Scale : 1:400 000