



Bergvesenet

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Rapportarkivet

Innlegging av nye rapporter ved: John

Bergvesenet rapport nr 5601	Intern Journal nr	Internt arkiv nr	Rapport lokalisering	Gradering
Kommer fra arkiv Grong Gruber AS	Ekstern rapport nr Bergarkivet Rapportnr 2571	Oversendt fra Grong Gruber a.s.	Fortrolig pga	Fortrolig fra dato:
Tittel Copper-deposit of the Sonvand Pyrites deposite of the Skrøidalen				
Forfatter Hagen, O. N.		Dato År 1906	Bedrift (oppdragsgiver og/eller oppdragstaker)	
Kommune Meråker	Fylke Nord-Trøndelag	Bergdistrikt	1: 50 000 kartblad 17214	1: 250 000 kartblad Trondheim
Fagområde Geologi	Dokument type	Forekomster (forekomst, gruvefelt, undersøkelsesfelt) Meråkerfeltet, Sonvatnet		
Råstoffgruppe Malm/metall	Råstofftype Cu,Fe.			

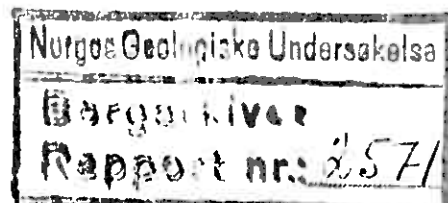
Sammendrag, innholdsfortegnelse eller innholdsbeskrivelse

Geologisk beskrivelse av jern (magnetitt) og kobbermineralisering i Bratbringen, ca 18 km syd for Gudå stasjon og i Skrøidalen syd for Sonvatnet. Beskrivelse av mineralisering i 8 meter dyp sjakt ca 2 km syd for Sonvatnet.

O. N. Hagen
1906

Abnalen

P4-117



REPORTS.

When starting the mining-claims on the 24th. July, I made a short survey of the following ore-deposits, situated in the Government-common of the eastern Sonvand, the Heraker hundred.

1. Copper-deposit of the Sonvand.

Situation in the mountain Frateringen about 1 1/2 Km. south of Gades rail way station.

The mountain consist of Gabbros and rocks of a dioritic nature, which forms that big mountain-range, called Fondfjell, Vardfjell, Sonlifjeld etc. and which separates the main-valley of Heraker from the side-valley of Sd Sonvand.

The deposit is magnetic-iron ore as layers bedded in the gabbro. The copper-pyrites is found in seams and partly impregnated in the magnetic-iron ore. There is sunk a prospect-shaft on the deposit, which was full of water. Here one could notice in its eastern side the layers in a width of 5 M. and varying with layers of magnetic-iron ore with copper pyrites and gabbro. The strike is about NE-SE and the dip about 70 Deg. and 25. The deposit can be followed fairly long on the surface scarcely over 400 M., but the width seems to decrease on both sides from that shaft.

There was given 3 mining-claims long always joining one another of 250 metres each. I am not able to express my positiv opinion whether it will be worth working the claims, however at all events it will be doubtfull to me owing to its lying out of the way high up in the mountain and the consistence of the ore, either it will be taken as an iron or a copper ore. It will however deserve a closer examination.

2. Pyrites deposit of the Skrådalen.

Its situation is in the Skråi valley about 2 Km. south of the Sonvand's

zines.

The ore is a coarse, mined, pure partly copper carrying iron-pyrites which is loaded into a dioritic rock together with chloritic slate. Above the iron-pyrites there is an impregnation of pyrrhotite with copper and iron-pyrites and above this again impregnations of iron-pyrites.

There is sunk a shaft of 8 M. depth into the deposit. By this work there is cut through; lowest down about 2 M. iron-pyrites with large quantities of rock, then a thin layer of rock, above that again about 0.45 M. iron-pyrites, then 1.10 M. impregnations of pyrrhotite with copper and iron-pyrites and above it last is found 2 M. impregnations with iron-pyrites. The strike here is about N-S and the dip about 45 Deg. due SE. The lode is besides this sink exposed only on a few places by trenching and some blasting, without showing any dip widths in the surface. It can be traced in a length of about 100 M. From this lode, being the main lode 2 lode-branches are running in a distance of 50 M. apart in a N-S direction. On both where little work is done iron-pyrites could be seen, thus in the eastern branch on one place 0.25 M. iron-pyrites and above that 0.70 M. impregnation.

There is given 4 lengthy mining-claims of 250 M. each viz. 2 on the main lode and 1 on each of the side lodes.

Nothing definite can at the present time be said whether the deposit will be worth working or not. It looks anyhow promising in the above mentioned sink. The pyrites is of a good quality and partly carrying copper, a good quantity of as well copper as iron-pyrites may be got out of the zone of impregnation by milling and concentrating. It is anyhow understood, that on this comparative far away situated place it will be required bigger quantities to make an undertaking remunerative and entitle the erection of aerial roadway, concentration plant etc., which will be necessary. It must therefore be stated that quantities of ore there are,

which can be proved by chronologically similar and distinct and the machine
to be found, written in the prospect shaft if they continue along the fall
and strike, and have the same width or increased.

It will at least call attention to a material, which is not far away from
these deposits, and probably will give sufficient notice power.

Tremblay, Pa. July 1893.

D. S. F a g e n.

Government Inspector of Mines.