



# Bergvesenet

Postboks 3021, N-7441 Trondheim

## Rapportarkivet

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### Tittel

Reevaluation of the results of prospecting within the Gautelis area, Rombak windiw.

### Forfatter

Priesmann, Frank Dieter

Dato    År

19/2 1985

### Bedrift

### ommune

Narvik

### Fylke

Nordland

### Bergdistrikt

Nordlandske

1: 50 000 kartblad

13163

1: 250 000 kartblad

Narvik

### Fagområde

Boring

### Dokument type

### Forekomster

Gautelis

### Råstoffgruppe

Malm/metall

### Råstofftype

Au

### Sammendrag / innholdsfortegnelse

Encouraging gold assayed from drill holes GAU-84-04 and GAU-84-06 testing the Au occurrence within the Gautelis south slope areahas recently been preformed the new data necessitate a revision of the evaluation concerning ore potential and genesis of the gold within the Gautelis area.

Reevaluation of the results of prospecting within the  
Gautelis area, Rombak window

Encouraging gold assayed from drill holes GAU-84-04 and GAU-84-06 testing the Au-occurrence within the Gautelis south-slope area has recently been performed. The new data necessitate a revision of the evaluation concerning ore potential and genesis of the gold within the Gautelis area.

An additional number of samples from core material of the diamond drill holes GAU-84-04 and GAU-84-06 has been assayed for Au and further elements in response to anomalous Au-values isolated from the drill holes under consideration in late 1984. The samples comprised exclusively material from the supracrustal rock suite, mainly marble but also quartzites. The highest value of 5.7 ppm Au was reached within 22.80 - 25.80 m of drill hole GAU-84-04, the section belonging to a 20 m thick zone high anomalous in Au: 20.80 - 21.80 m : 1500 ppb, 33.00 - 34.00 m : 4700 ppb, 34.00 - 35.00 m : 1000 ppb, 35.00 - 36.00 m : 770 ppb, 37.00 - 40.00 m : 1700 ppb. Drill hole GAU-84-06 gave a good Au-response -1100 ppb- over a three meter section (29.00 - 32.00 m). The drill hole is placed 25 m southeast of GAU-84-04 and apparently has intersected the same stratigraphy.

In contrary to the former view, the gold-mineralization within the Gautelis south-slope area evidently is bound to marble. High-grade ore and nearly barren rock obviously occur with similar petrographies, hence the ore zones are difficult to distinguish. Marble is known being a positive accumulator for gold, the concentrations normally being high enough to warrant mining (Nevade marble-hosted gold mines, USA). The Gautelis area is underlain by a sizeable carbonate zone which reaches thicknesses up to 300 m. It extends laterally for about 6 km. There is enough geolo-

gical evidence to warrant exploration on a high priority base. The surveys should comprise geological mapping, rock sampling, instrumental works and diamond drilling.

19/02-1985

Dr. Frank-Dieter Priesemann