



Bergvesenet rapport nr BV 5451	Intern Journal nr	Gammelt internt rapp. nr.	Rapport lokalisering Nordland	Gradering
Kommer fra arkiv Hydro	Ekstern rapport nr	Oversendt fra	Fortrolig pga	Fortrolig fra dato:
Tittel ALLUVIAL GOLD POTENTIALE				
Forfatter Ronny Sivertsen		Dato Ar 18.04 1985	Bedrift	
Kommune Bindal	Fylke Nordland	Bergdistrikt	1: 50 000 kartblad 18252	1: 250 000 kartblad Mosjøen
Fagområde Kjemiske analyser	Dokument type Rapport	Forekomster Kolsvik		
Råstoffgruppe Malm/metall	Råstofftype Au			
Sammendrag / innholdsfortegnelse I rapporten, som bare er på en side, omtales en prøve fra 1972 som viste en gull-gehalt på 0.2 Au/m. Videre er det gjort en vurdering av potensialet for å finne gull i området.				

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ALLUVIAL GOLD POTENTIAL

The gold showings at Kolsvik are situated some 5 km. from the sea in the Bogdalen river valley.

This is a typical glaciofluvial valley that after post clacial uplift has been eroded by the Bogdalen River. Approximately 3 km. up valley from the sea there is a large claciofluvial terrace some 50 m thick built up mainly of fine sand with coarser sand and gravel near the top and to the south. Down valley from the terrace are deposits of glaciofluvial sand/gravel of some 4 - 6 m. thickness, but which in the lower 1.5 km. of the valley can reach thicknesses of some 15 m. or more.

Some trial sampling were carried out in the area in 1972 by the NGU. The best sample returned 0.2g Au/m. Considering the possibilities for alluvial gold accumulation the following should be considered:

1. Gold accumulated in the primary glacioufluvial deposits.
2. Gold re-concentrated from post glacial reworking of 1.
3. Gold accumulated by post- glacial river processes.

The question of how much gold has been removed (eroded) from the bedrock in the Kolsvik region is very speculative, but if one considers that the gold deposits in Kolsvik formed a continuous zone that has been eroded down to the present topographic level, then given a width of some 10 m. the total tonnage removed between F. and B. areas is some 2.400.000 tons. Given an average of 2 g Au/t the glaciofluvial deposits have the potential of 4.800.000 g Au = 480mill Kr.

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