

# Bergvesenet

Postboks 3021, 7002 Trondheim

## Rapportarkivet

Bergvesenet rapport nr <b>BV 2240</b>	Intern Journal nr	Internt arkiv nr	Rapport lokalisering	Gradering <b>Fortrolig</b>
Kommer fra ..arkiv Sulitjelma Bergverk A/S	Ekstern rapport nr "522230012"	Oversendt fra	Fortrolig pga	Fortrolig fra dato:
Tittel Report on preliminary geological fieldwork in the Viskiskken valley. Lønsdal.				
Forfatter COLE & CUNNINGHAM		Dato 1970	Bedrift Sulitjelma Gruber A/S	
Kommune	Fylke	Bergdistrikt	1: 50 000 kartblad	1: 250 000 kartblad
Fagområde	Dokument type	Forekomster		
Råstofftype	Emneord			
Sammendrag Rapport fra geologisk kartlegging i Viskiskken, aust for Lønsdal på Saltfjellet. Området består av grunnfjellsbergarter, grov- og finkorna granittisk gneiss og mørk biotitt-hornblendegneiss. Svakt utvikla foliasjon med parallellorientering av biotitt- og hornblendekorna. Ingen økonomisk interessante mineraliseringer observert.				

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Report on preliminary  
geological fieldwork  
in the Viskiskken valley

Cole & Cunningham

1970

# REPORT ON PRELIMINARY GEOLOGICAL FIELDWORK IN THE VISKISKKEN VALLEY

Cole and Cunningham 21st - 25th July 1970

## Contents

1. Introduction
2. Physical features
3. Geology
4. Legend for 1:50 000 Map

### 1. Introduction

The Viskiskken valley is located east of Lonsdal and trends NW - SE, approx. 12 km in length. This region is represented on the A.M.S. series, sheet 2128 III. The Viskiskken valley is situated geologically on "basement" granite-gneiss.

The aim of the fieldwork was to undertake a general geological reconnaissance, and to determine, as far as possible, the existence if any, of economically important, geological bodies.

A generalised map was produced on a scale of 1:50 000.

### 2. Physical features

The map<sup>ed</sup> valley, which is bifurcated in the central region, lies within an undulating plateau, increasing in elevation south-east, from approx. 400 m.o.d. to 1,300 m.o.d.

Vegetation consists of woodland, gorse and tundra, and there are extensive geological exposures over the entire region.

### 3. Geology

The region consists entirely of "basement" rocks. The dominant rock-type is musc. - bte. - granite - gneiss, and can be divided approx. into two broad lands of coarse granite-gneiss, alternating with two bands of fine granite-gneiss. These bands vary in width from 1 km to at least 5 km and trend NNW - SSE. The granite-gneiss is pinkish-white in colour, weathering light grey. Several bands of dark grey bte.-hb.-gneiss are present within the granite-gneiss. These bands vary in width from 3 m. to 15 m. and strike parallel to the foliation of the granite-gneiss. A few quartz and aplite veins are also present in the granite-gneiss, cross-cutting the foliation.

The structures present, consist entirely of a poorly developed foliation, marked by linear concentrations of bte. and musc., in the granite-gneiss. This foliation strikes NNW - SSE in the north of the region, and NW - SE in the south of the region. Dips are dominantly vertical or subvertical.

The reconnaissance indicated nothing of geological, economic importance.

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4. Legend for 1:50 000 Map

Coarse granite-gneiss

Fine granite-gneiss

Dark grey bte. - hb. - gneiss

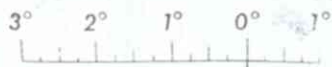
Strike of foliation.

	No. 19 - 15
	No. 19 - 21
	No. 19 - 50





## LÖNSDAL



SHEET 2128 III  
AMS SERIES M711





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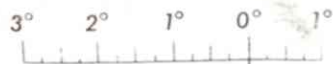
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