GRØNLANDS GEOLOGISKE UNDERSØGELSE RAPPORT Nr. 58

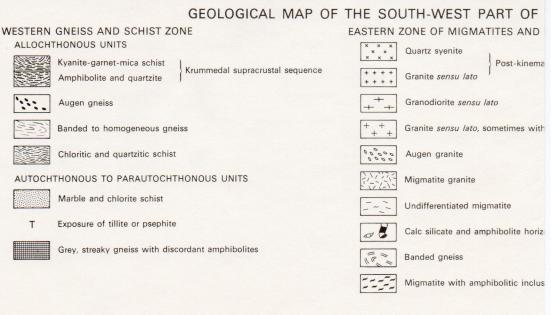
Report on the 1972 geological expedition to Scoresby Sund, East Greenland

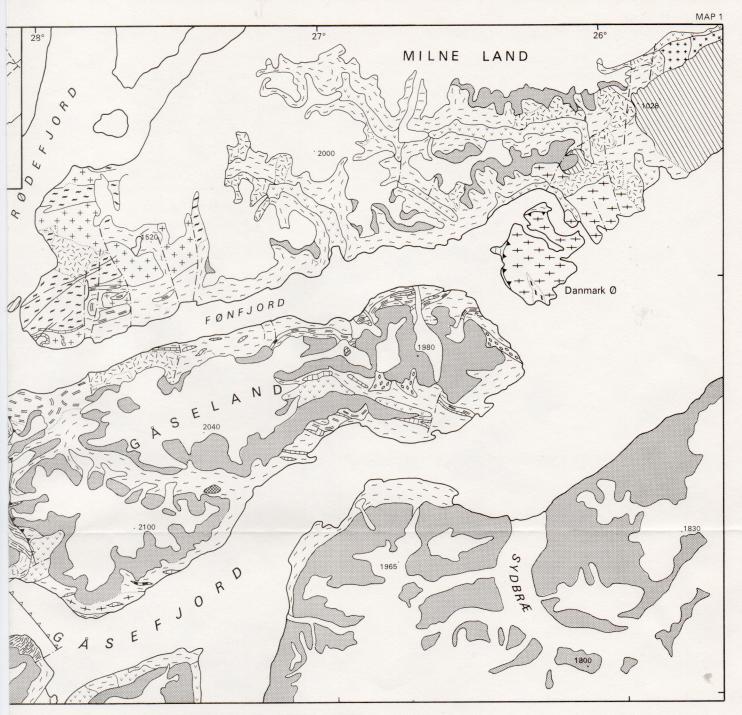
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Preface

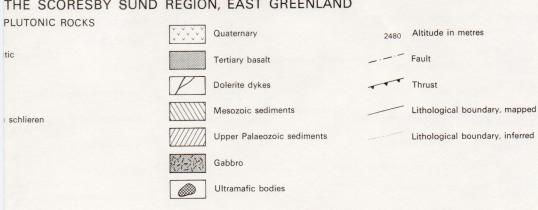
The fifth season of the five year mapping programme in the Scoresby Sund region was carried out during July and August. A tent base-camp was established at the head of Fønfjord at the entrance to Hjørnedal (fig. 1). The base served as an operation centre for three helicopters and one motor cutter and throughout the season a regular connection between the base and Mesters Vig airport was maintained with a small fixed-wing aircraft. The expedition numbered 44 persons, comprising 14 two-man geological parties and supporting personnel. Ten parties mapped in the crystalline complex around the fjords Vestfjord, Fønfjord and Gåsefjord. One party mapped the western part of the Tertiary basalt area and one party made palaeomagnetic profiles in the basalts. Geochronological investigations in the crystalline areas were carried out by one party and another party undertook glaciological studies of some of the major glaciers in the western part of the region.

Approximately 6000 km² were mapped in the Caledonian crystalline complex and about 3500 km² of Tertiary basalts were investigated. After five seasons' mapping the field work between 70°00' and 72°00' N is completed and the survey's Scoresby Sund project concluded.





THE SCORESBY SUND REGION, EAST GREENLAND



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ANNEXE

BASE TOPOGRAPHIQUE

