



Legend:

- ✕✕ Strike and dip
 - ++ Horizontal beds
 - - - Post-Devonian mainfault
 - - - Faults, observed and supposed
 - o o o o Boundary of the Eruptive complex with uplifts and overthrusts
 - - - Flexure line and boundary of displaced sediment mass; on the Autochthon-Basis
 - Grid patterns: slipped, lying as a nappe
- Eruptives:**

Basic eruptives:

- ▬ Dolerite sills and dykes
- ▬ Plagioclase basalt sills and dykes
- ▬ Gabbros magmatite group

Acid eruptives:

- ▬ Sills of alkali-syenite-porphyrines
- ▬ Alkali-syenite-magmatite-group

Scoresby Land

Geological Map of East Greenland
(Parts of Scoresby Land and Jameson Land)

By
Hans Stauber

Topography, partly compiled from earlier maps, by Hans Stauber; assisted by Ib Poulsen and H. Hübscher.
Geology by Hans Stauber. Minor areas in the eastern part compiled from earlier geological maps. Based on field observations 1938 and air photographs.

Scale 1:250 000
0 5 10 15 20 25 km

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|---|-----------------------|---|----------------------------|------------------------------------|--|
| Quaternary | Glaciers | ▬ | Trias | { Bunte Serie (brackish-marine) | ▬ Shales, marly shales, congl., arkose, gypsum |
| | Old shore terraces | ▬ | | { Brackish-continental series | ▬ Reef-limestone, congl., gypsum |
| | Diluvium and alluvium | ▬ | | { Eotrias (marine series) | ▬ Sandstone, sandy shales |
| | Debris | ▬ | | | |
| Jura (marine) | Malm | ▬ | Permian (Zechstein) | | |
| | Dogger | ▬ | | Carboniferous (continental) | |
| | Lias | ▬ | | Devonian (continental) | |
| Rhaetic-Lower Lias (continental) | | ▬ | | Pre-Devonian | |