

- LEGEND**
- PLIESTOCENE AND RECENT**
Qal Undifferentiated alluvial and deltaic sand; marine beach deposits
- TERTIARY AND/OR PLEISTOCENE**
Qe Gravels, cobbles and boulders
Tob BEAUFORT FORMATION: non-marine sands and gravels; abundant fossil wood
- CRETACEOUS AND TERTIARY**
UPPER CRETACEOUS AND TERTIARY
KTe EUREKA SOUND FORMATION: sandstone, siltstone; silty shale; unconsolidated sand; lignite
- CRETACEOUS**
UPPER CRETACEOUS
Kuk KANGUK FORMATION: dark grey marine shale; siltstone
- LOWER AND/OR UPPER CRETACEOUS**
Kh HASSEL FORMATION: varicoloured sand and sandstone; shale; coal
Kic Diabase, gabbro; may include older igneous rocks
- LOWER CRETACEOUS**
Kis CHRISTOPHER FORMATION: grey to black shale; minor siltstone and limestone
- MESOZOIC**
Kil ISACHSEN FORMATION: sandstone, sand, shale; coal
- JURASSIC AND CRETACEOUS**
UPPER JURASSIC AND LOWER CRETACEOUS
JKd DEER BAY FORMATION: dark grey and black marine shale
- JURASSIC**
Ji JAEGER FORMATION: green, glauconitic and ferruginous sand and sandstone
Js SAVIK FORMATION: grey marine shale
Jb BORDEN ISLAND FORMATION: white sandstone; platy siltstone
- CARBONIFEROUS TO PERMIAN**
UPPER CARBONIFEROUS TO PERMIAN
Pi Limestone, fragmental, bituminous; limestone breccia and conglomerate
- CARBONIFEROUS**
LOWER CARBONIFEROUS
Pc Gypsum, anhydrite; minor limestone and sandstone; may include some diabase and gabbro
- Geological boundary (approximate, assumed)
Bedding (horizontal, inclined, vertical)
Fault (solid circle indicates downthrown side)
Anticline (defined, approximate, arrow indicates plunge)
Syncline (defined, approximate, arrow indicates plunge)
Ground observations:

Geology by D. F. Stott, 1967

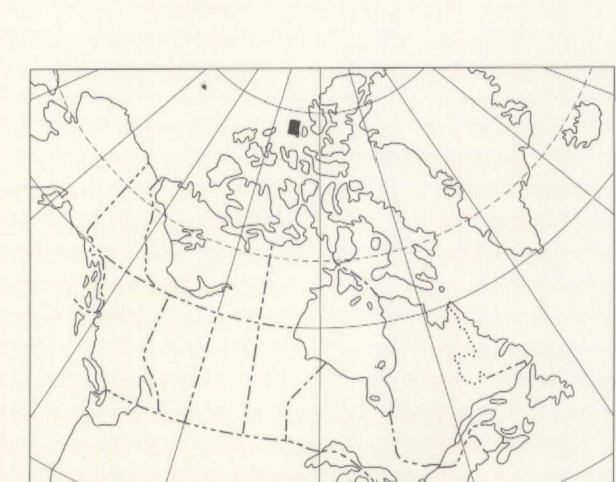
To accompany GSC Paper 68-16, by D. F. Stott

Geological cartography by the Institute of Sedimentary and Petroleum Geology,
Geological Survey of Canada, 1968

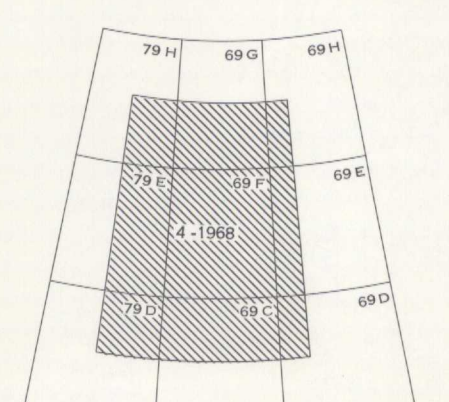
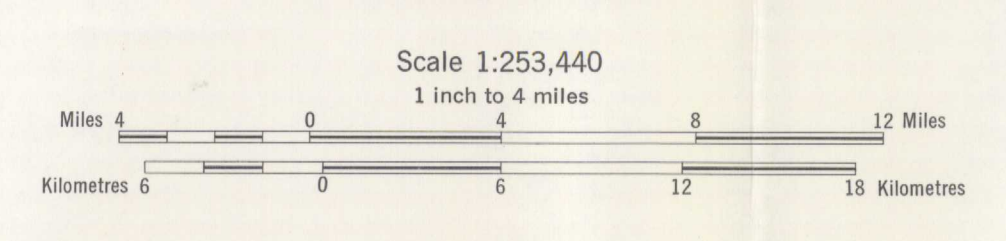
Base-map (King Christian Island, Cape Nathorst, Hassel Sound, Ellef Ringnes Island,
Peary Channel, Deer Bay and Cape Isachsen) published by the
Army Survey Establishment, R.C.E., 1964, 1965

The daily change of the North Magnetic Pole causes the magnetic
compass to be very erratic in this area

All elevations in feet above mean sea-level



MAP 4-1968
PAPER 68-16
GEOLOGY
ELLEF RINGNES ISLAND
DISTRICT OF FRANKLIN



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DISTRICT OF FRANKLIN