



GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MAP 1192A

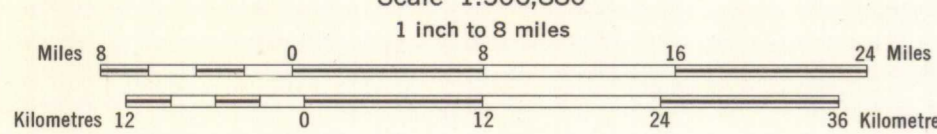
SURFICIAL GEOLOGY

NORTHEASTERN ELLESMERE ISLAND

DISTRICT OF FRANKLIN

AND NORTHWESTERN GREENLAND

Scale 1:506,880



LEGEND

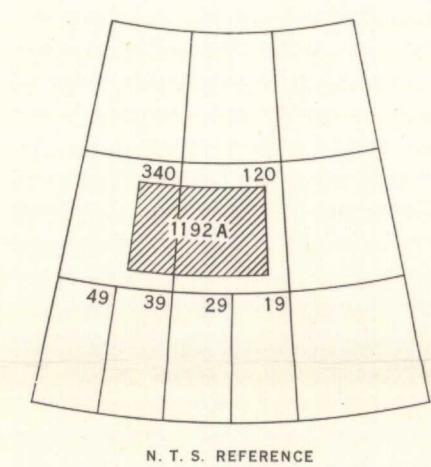
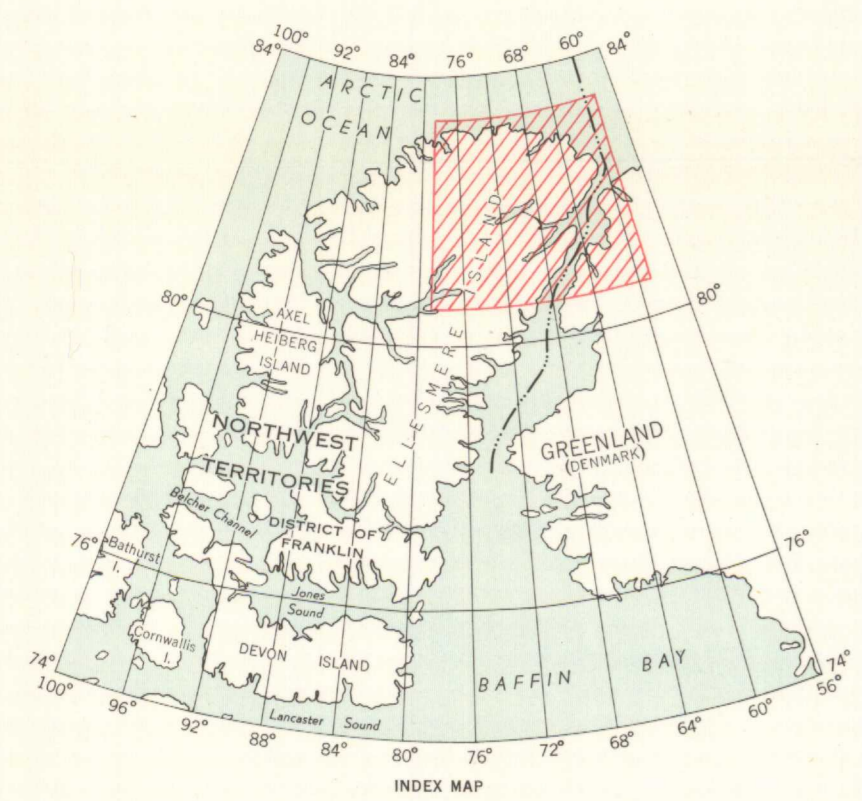
- Glacial ice and ice shelf
- Glacial striae (direction of ice movement known, unknown), roches moutonnées
- Glacial grooving and furrows (from air photographs)
- Suggested major glacial flow
- Suggested western limit of Greenland glacial ice
- Known occurrences of till
- Boulder gravel hills (origin uncertain)
- Boulder strip or patch
- Erratic boulders: a, granite; b, gneiss; c, light coloured sandstone or arkose; d, quartzite; e, chert-pebble conglomerate; f, limestone, usually fossiliferous; g, greywacke-sandstone; h, diabase. In example given, only granite and quartzite boulders observed.
- Abandoned channel, spillway, ice-marginal channel
- Glacial and post-glacial fluvial deposits: G, glacio-fluvial; gravel and sand; P, post-glacial deposits predominating or cover glacial deposits: river sand and gravel; delta deposits, alluvial fans; U, undivided glacial and/or post-glacial deposit
- Lacustrine clay, silt, and sand
- Marine shells (barometric elevation in feet)
- Radiocarbon age determination, shells or sponges (barometric elevation in feet, age in years)
- Marine clay, silt, and sand
- Height in feet above mean sea-level

Geology by R. L. Christie, 1954, 1957, 1958

To accompany G.S.C. Bulletin 138, by R. L. Christie

Geological cartography by the Geological Survey of Canada, 1965

Base-map cartography by the Geological Survey of Canada, 1965, from maps compiled by the Survey and Mapping Branch



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Copies of this map may be obtained from the Director, Geological Survey of Canada, Ottawa

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