

**LEGEND**

Note: Map-units 4, 7, 9, and 10; age and stratigraphic position known. Map-units Ba, Bb, A, 1, 2, 3, 5, 6, and 8; age not known, stratigraphic position assumed. Geological reference numbers not underlined indicate geology is well known. Geological reference numbers underlined indicate geology is inferred.

- PLEISTOCENE AND RECENT**
- 10 Alpine glaciers, ice-domes, 'drift' glaciers; floating glacier ice and associated superficial ice
- EUREKA SOUND GROUP(?)**
- 9 Sandstone, mudstone, weakly consolidated shale
- YOUNG VOLCANIC ROCKS**
- 8 Weakly consolidated volcanic conglomerate

- CARBONIFEROUS AND PERMIAN**
- UPPER CARBONIFEROUS AND LOWER PERMIAN**
- 7 Limestone, sandstone; minor conglomerate
- CARBONIFEROUS OR EARLIER**
- LOWER CARBONIFEROUS OR EARLIER**
- IMINA GROUP**
- 6 Greywacke, shale, slate
- BOURNE GROUP**
- 5 Andesitic and diabasic volcanic flow, dyke, sill complex; minor interbedded slate and greywacke or tuff

- ORDOVICIAN**
- MIDDLE AND UPPER ORDOVICIAN**
- CHALLENGER GROUP**
- 4 Impure sandstone, limestone, arkose, conglomerate, slate; minor basic volcanic rocks
- ORDOVICIAN OR EARLIER**
- PROBABLY MIDDLE ORDOVICIAN OR EARLIER**
- M'CINTOCK GROUP**
- 3 Andesitic and basaltic lava, breccia, tuffs; greywacke, arkosic sandstone, slate; minor crystalline limestone, quartzite
- MOUNT DISRAELI GROUP**
- 2 Phyllite, crystalline limestone

- PRE MIDDLE ORDOVICIAN**
- CAPE COLUMBIA GROUP**
- 1 Biotite-feldspar, hornblende-biotite-feldspar, garnet-biotite-feldspar, and feldspar augen gneiss; chlorite-feldspar schist; quartzite, crystalline limestone

- INTRUSIVE ROCKS**
- Age not known; probably various ages
- A Coarse-grained intrusive rocks; younger than 1, but age relations to other groups unknown; not all of the same age; Aa, granite; Ab, norite, peridotite
- BaBb Foliated granulose rocks of granitic nature; probably meta-intrusive rocks; Ba, gneissic granite or granite gneiss; Bb, syenite, in part foliated

- Unmapped area . . . . . U
- Geological boundary (approximate, assumed) . . . . . 7
- Bedding or foliation (horizontal, inclined, vertical) . . . . . 7
- Bedding (determined indirectly: horizontal, vertical, inclined; gently, g, moderately, m, steeply, s) . . . . . 7
- Schistosity, gneissosity (inclined) . . . . . 7
- Fault (assumed) . . . . . 7
- Anticlinal axis . . . . . 7
- Synclinal axis . . . . . 7
- Structural trend lines . . . . . 7
- Glacial striae . . . . . 7
- Fossil locality . . . . . 7
- Shell collection . . . . . 7
- Mineral occurrence (Magnetite, Mag; Gypsum, Gyp) . . . . . x Mag

Geology by R. L. Christie, 1954

Chff. . . . .

Shelf ice . . . . .

Cairn containing relics . . . . .

Height in feet above mean sea-level . . . . . 2100

Approximate magnetic declination, 105° West at centre of sheet

Cartography by the Geological Cartography Unit, 1957

Geographical names subject to revision

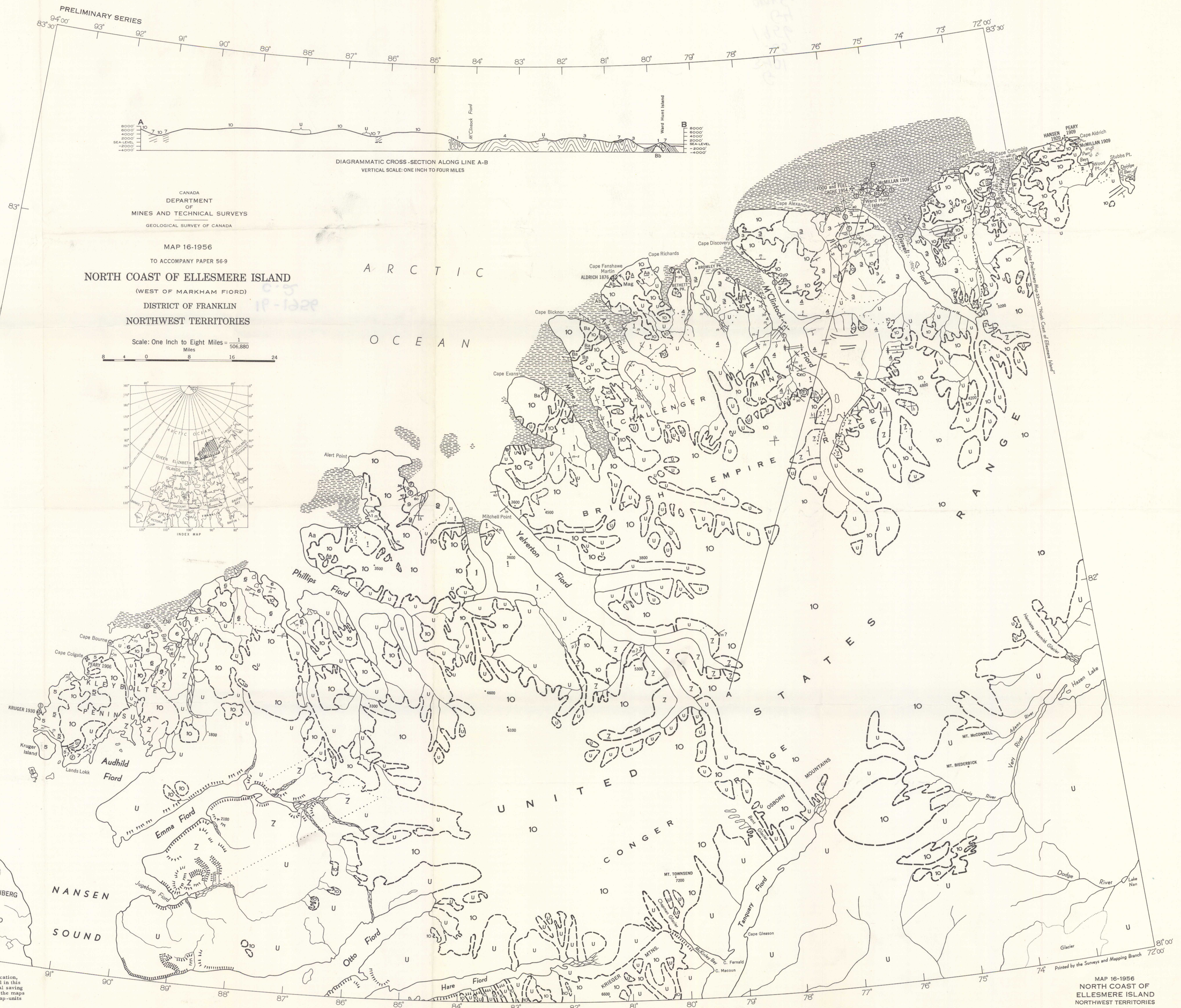
Air photographs covering this area may be obtained through the National Air Photographic Library, Topographical Survey, Ottawa, Ontario

Published, 1957

In response to public demand for earlier publication, Preliminary Series maps are now being issued in this simplified form, thereby effecting a substantial saving in time. There is no loss of information, but the maps will be clearer to read if all or some of the map-units are hand-coloured.

5.1.5 Ellesmere Island, North coast, NWT.  
A. 4901.

Map 16-1956 (Prelim)



MAP 16-1956  
NORTH COAST OF  
ELLESMERE ISLAND  
NORTHWEST TERRITORIES