CANADA
DEPARTMENT
OF
MINES AND TECHNICAL SURVEYS

GEOLOGICAL SURVEY OF CANADA

LEGEND

CENOZOIC

TERTIARY
MIOCENE OR LATER

EUREKA SOUND GROUP
10 — *Sand, silt, boulder beds, and coal*

PALÆOZOIC

CARBONIFEROUS OR PERMIAN
UPPER CARBONIFEROUS OR LOWER PERMIAN

FEILDEN GROUP
9 — *Limestone; minor sandstone and conglomerate*

GUIDE HILL GROUP
8 — *Red sandstone, conglomerate; minor shale and limestone*

DANA BAY GROUP
7 — *Limestone and shaly limestone*

PERMIAN OR EARLIER

VIEW CREEK GROUP
6 — *Sandstone, quartzite, greywacke, slate, conglomerate, and red sandstone and conglomerate; limestone*

SAIL HARBOUR GROUP
5 — *Shale, slate, and shaly limestone*

SILURIAN
MIDDLE SILURIAN

4 — *Limestone and argillaceous limestone*

PRECAMBRIAN OR PALÆOZOIC

SILURIAN OR EARLIER
MIDDLE SILURIAN OR EARLIER

CAPE RAWSON GROUP
3 — *Argillaceous limestone, shale, slate, greywacke, quartzite, limestone, chert, and calcareous sandstone*

MOUNT DISRAELI GROUP
2 — *Calcareous slate and phyllite; limestone, shaly limestone, calcarenite, granule conglomerate, quartzite, and marble; may be younger than 4*

CAPE COLUMBIA GROUP
1 — *Biotite gneiss, garnet- biotite gneiss, augen gneiss, biotite granite- gneiss; granite and pegmatite; may be younger than 4*

Note: The stratigraphic position of groups 1, 2, 3, and 5 is not known except that group 3 is older than group 4, and group 5 is younger than Precambrian but probably older than group 8. Groups 1, 2, and 3 are in order of their degree of metamorphism

Geological boundary (approximate)
Bedding (inclined, vertical)
Cleavage (inclined, vertical)
Fault (position assumed)
Anticlinal axis (position approximate)
Synclinal axis (position approximate)
Fossil locality
Raised beach (elevation in feet) B60
Traverse routes (by dog-team, on foot)

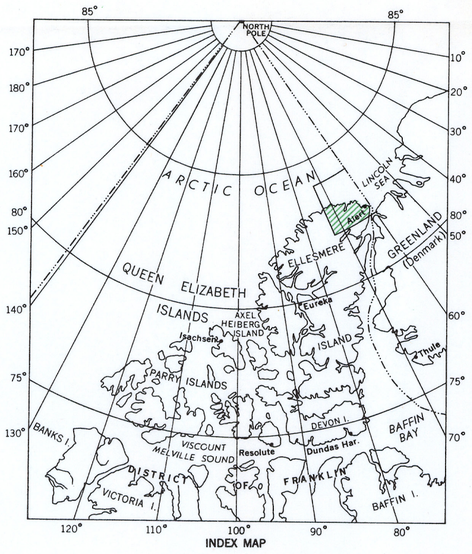
Geology by R. G. Blackadar, 1953

Stream (position approximate)
Shelf ice
Height in feet above mean sea-level +5900

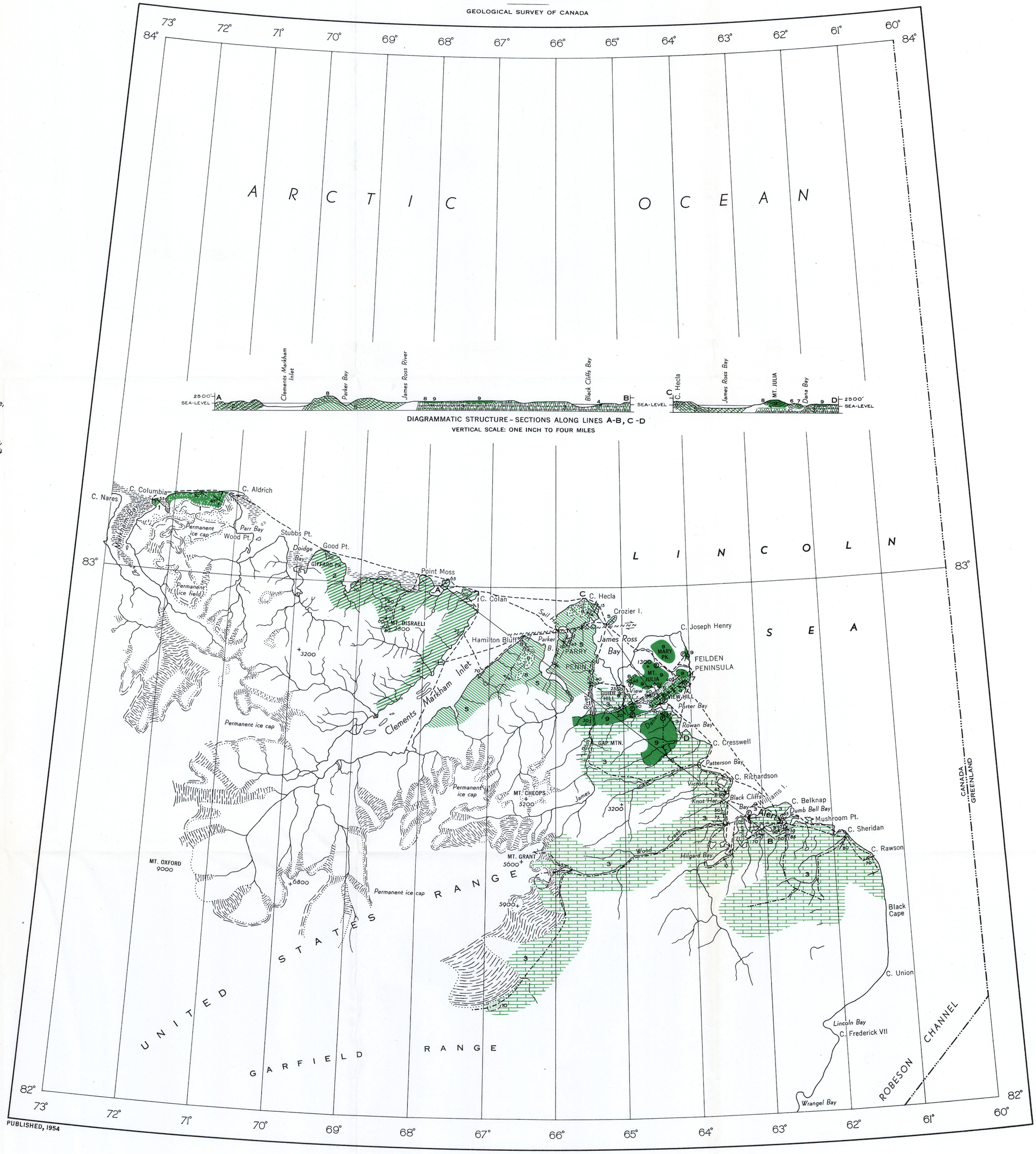
Approximate magnetic declination, 51° 34′ West

Cartography by the Geological Cartography Division, 1954

Geographical names subject to revision



INDEX MAP



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PRELIMINARY MAP 53-10

NORTH COAST OF ELLESMERE ISLAND
(EAST OF MARKHAM BAY)

DISTRICT OF FRANKLIN

NORTHWEST TERRITORIES

Scale: One Inch to Eight Miles = $\frac{1}{506,880}$

Miles 8 4 0 8 16 24

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