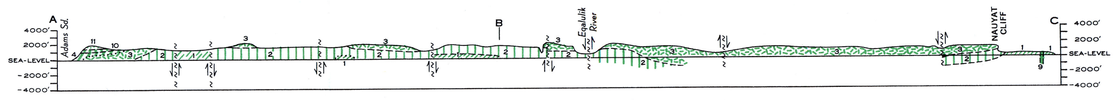
CANADA
DEPARTMENT
OF
MINES AND TECHNICAL SURVEYS

GEOLOGICAL SURVEY OF CANADA



DIAGRAMMATIC CROSS-SECTION ALONG LINE A-B-C

LEGEND

PALÆOZOIC

ORDOVICIAN

ADMIRALTY GROUP (10-13)

13 — *BAILLARGE BAY FORMATION:* blue-grey limestone

12 — *SHIP POINT FORMATION:* grey, grey-brown, pale brown, silty dolomite

11 — *TURNER CLIFFS FORMATION:* white sandstone, siltstone, mudstone, pale grey shale

10 — *GALLERY FORMATION:* red, purple-grey, and white sandstone

PALÆOZOIC (Undivided)

14 — Grey limestone, buff sandstone

PROTEROZOIC AND/OR PALÆOZOIC

CAMBRIAN OR EARLIER

LOWER CAMBRIAN OR EARLIER

9 — *Gabbro dykes*

ULUKSAN GROUP (4-8)

8 — *ELWIN FORMATION:* sandstone, siltstone, shale

7 — *STRATHCONA SOUND FORMATION:* reddish mudstone and siltstone

6 — *VICTOR BAY FORMATION:* dark to pale grey dolomite, edgewise conglomerate; minor dark grey limestone and black mudstone

5 — *SOCIETY CLIFFS FORMATION:* grey dolomite

4 — *ARCTIC BAY FORMATION:* black shale, in places pyritiferous

EQALULIK GROUP (2,3)

3 — *QUARTZITE MEMBER:* silica cemented quartzite

2 — *VOLCANIC MEMBER:* andesite and basalt, in part amygdaloidal, tuffs

ARCHÆAN

1 — *Biotite-garnet gneiss, granitic gneiss, mixed biotite and garnet gneiss; granitic and pegmatitic dykes*

Bedding (inclined, vertical)

Bedding (upper side of bed faces as indicated)

Schistosity, gneissosity (inclined, vertical, dip unknown)

Fault (approximate, assumed)

Anticlinal axis (approximate, arrow indicates direction of plunge)

Synclinal axis (approximate, arrow indicates direction of plunge)

Glacial striæ (direction of movement known, unkown)

Fossil locality Ⓕ

Marine shell locality (elevation in feet) 260 M

Raised beach (elevation in feet) 110 B

Mineral localities A, B, C; D

Geology by R. G. Blackadar, 1954

Tidal flat, sand or mud

Cliff

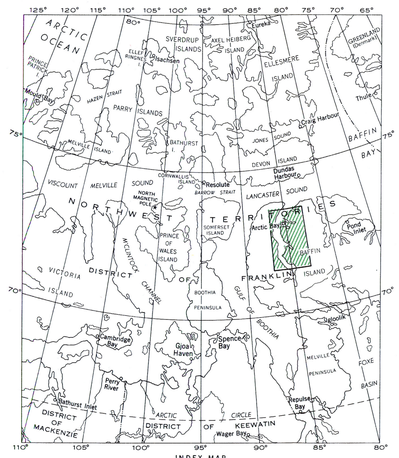
Glacier

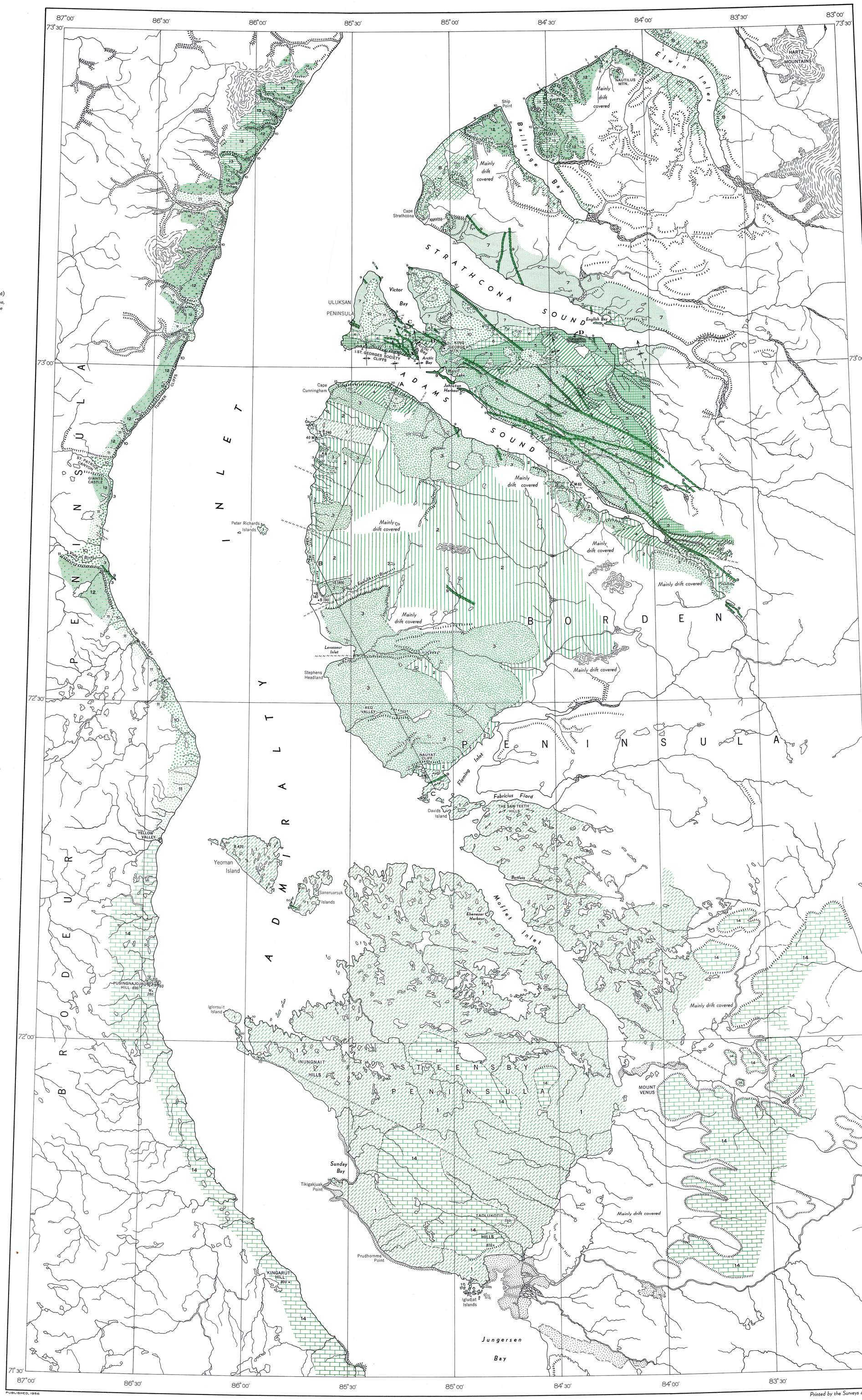
Braided stream

Height in feet above mean sea-level 690

Approximate magnetic declination, 73° 48′ West

Cartography by the Geological Cartography Unit, 1956





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PRELIMINARY MAP 55-6

ADMIRALTY INLET

BAFFIN ISLAND

DISTRICT OF FRANKLIN

NORTHWEST TERRITORIES

Scale: One Inch to Four Miles = $\frac{1}{253,440}$

Miles

4 2 0 4 8 12

PRELIMINARY MAP 55-6
ADMIRALTY INLET
NORTHWEST TERRITORIES