



DEPARTMENT OF MINES AND TECHNICAL SURVEYS

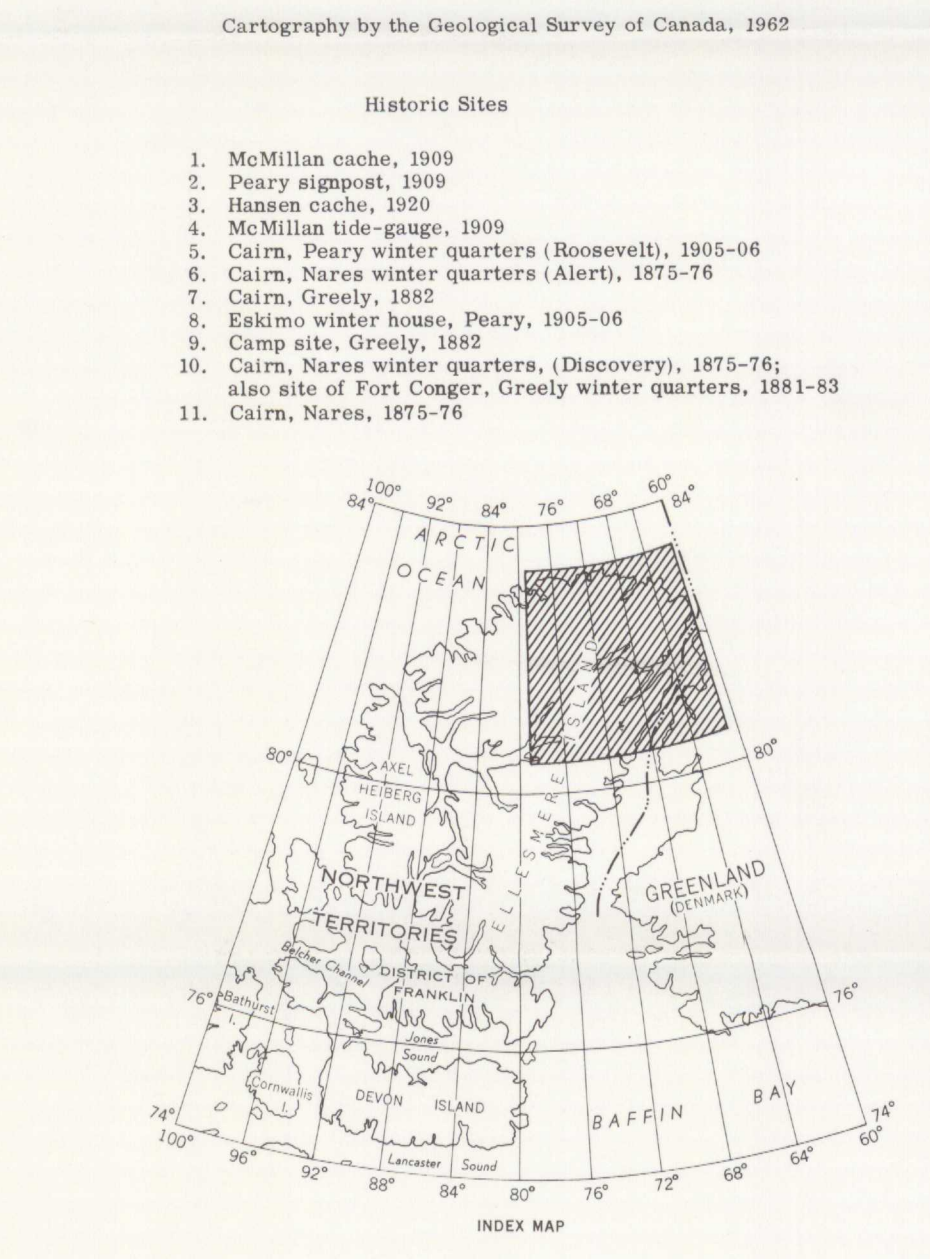
PRELIMINARY SERIES

SHEETS 340 AND 120

- LEGEND**
- PLEISTOCENE AND RECENT**
18 Glacial, fluvioglacial, and fluvial deposits; till, silt, sand, gravel, boulder gravel, talus, soil
- CRETACEOUS (?) AND TERTIARY**
17 Sandstone, shale, coal
- TRIASSIC (?), JURASSIC, AND (?) CRETACEOUS**
15 Sandstone, shale, (?) coal
- CARBONIFEROUS AND PERMIAN**
10-14 Sandstone, shale, limestone; Lower Permian (Lake Hazen)
13 Limestone, sandstone, conglomerate; Permian (Feldens Peninsula)
12 Sandstone, conglomerate, shale, limestone; GUIDE HILL GROUP; Permian (Feldens Peninsula)
11 Limestone, shaly limestone; DANA BAY GROUP; Permian (Feldens Peninsula)
10 Limestone, sandstone, conglomerate, gypsum; Upper Carboniferous and Lower Permian (United States Range and north coast)
- PERMIAN OR EARLIER**
VIEW CREEK GROUP
9 Sandstone, quartzite, greywacke, slate, conglomerate, limestone
SAIL HARBOUR GROUP
8 Shale, slate, shaly limestone
- PROBABLY SILURIAN OR LATER**
7 Argillite, slate, limestone, quartzite, chert; 'Archer Fiord Terrane'
- SILURIAN**
CAPE RAWSON GROUP
6 Greywacke, impure sandstone, sandstone, slate, phyllite, impure limestone, gypsum, etc.; limestone beds, cherty or other resistant bed
- ORDOVICIAN**
MIDDLE AND UPPER ORDOVICIAN
CHALLENGER GROUP
5 Limestone, sandstone, conglomerate, slate, basic volcanic rock
- ORDOVICIAN OR EARLIER**
Limestone, sandstone, quartzite; 'Daly River Terrane'
- ORDOVICIAN OR EARLIER**
MIDDLE ORDOVICIAN (?) OR EARLIER
M'CLINTOCK GROUP
3 Andesitic and basaltic flows, breccias, and tufts, greywacke, arkosic sandstone, slate, crystalline limestone
- PRE-MIDDLE ORDOVICIAN (?)**
MOUNT DISSEAL GROUP
2 Calcareous slate, phyllite, limestone, shaly limestone, calcareous arenite, granite conglomerate, quartzite, marble
- CAPE COLUMBIA GROUP**
1 Biotite gneiss, garnet-biotite gneiss, augen gneiss, chlorite-feldspar schist, amphibole-mica-feldspar gneiss, quartzite, syenite gneiss
- PERMO-CARBONIFEROUS AND/OR LATER (may be in part Cretaceous)**
A Basaltic and diabasic dykes and sills
- PERMO-CARBONIFEROUS OR EARLIER**
B Syenite, in part foliated

Note: 1. Stratigraphic position of units 1 to 3, 7, 9, 16, and 19 inferred; age uncertain
2. Numbers underlined thus 6 signifies geology inferred

- Geology by V. K. Peat, 1950; R. G. Blackadar, 1953; R. L. Christie, 1954, 1957, 1958.**
- Building**
Historic site or cairn
Glacier, snowfield
Ice shelf
Height in feet above mean sea-level
- Cartography by the Geological Survey of Canada, 1962**
- Historic Sites**
1. McMillan cache, 1909
2. Peary signpost, 1909
3. Hansen cache, 1920
4. McMillan tide-gauge, 1909
5. Cairn, Peary winter quarters (Roosevelt), 1905-06
6. Cairn, Nares winter quarters (Alert), 1875-76
7. Cairn, Greely, 1862
8. Eskimo winter house, Peary, 1905-06
9. Camp site, Greely, 1862
10. Cairn, Nares winter quarters, (Discovery), 1875-76; also site of Fort Conger, Greely winter quarters, 1861-63
11. Cairn, Nares, 1875-76



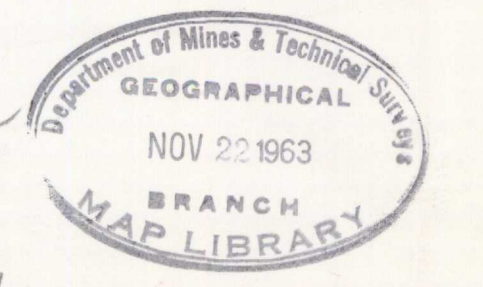
MAP 20-1962
TO ACCOMPANY PAPER 62-10
GEOLOGY
NORTHEASTERN ELLESMERE ISLAND
DISTRICT OF FRANKLIN

Scale: One Inch to Eight Miles = $\frac{1}{506,880}$
Miles 0 4 8 16 24

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Earth Sciences / Secteur des sciences de la Terre

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