GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

FURY AND HECLA STRAIT
ORMONDE
Labrador Narrows
Cape Lilly
Cape Ossory
Northeast Cape
MT SABINE
BOUVERIE ISLANDS
RICHARDS BAY
QUILLIAM BAY
NEERLONAKTO ISLAND
Cape Matthew Smith
HOOPER INLET
Turton Bay
Mogg Bay
Loiter Lakes
Aulagnuk Point
Pinger Point
FOSTER BAY
Nugsanarsuk Point
HALL LAKE
MELVILLE PENINSULA
ROCHE BAY
PARRY BAY
Quarman Point
South Ooglit Island
Cape Jermain
Cape Robert Brown
AYERGOTADLIK
Orf
Ols
Osb
Osa
pЄ
Q
IPc(Ols?)
Osb?
Orf?
LEGEND
CENOZOIC
QUATERNARY
Q Unconsolidated sediments; mostly fluvial
PALEOZOIC
ORDOVICIAN
UPPER MIDDLE AND/OR UPPER ORDOVICIAN
Orf Calcareous dolostone, dolomitic limestone
Coralline and algal reefs identified on aerial photographs with some ground control (others probably are present)
UPPER MIDDLE ORDOVICIAN
Ols Olsd Ols: dolomitic limestone
Olsd: calcareous dolostone
UPPER LOWER AND LOWER MIDDLE ORDOVICIAN
Osb SHIP POINT FORMATION (member B): dolostone, in part sandy, silty, argillaceous; dolomitic flat-pebble conglomerate; minor dolomitic sandstone, siltstone, breccia; quartz-cemented sandstone
Osa SHIP POINT FORMATION (member A): dolomitic sandstone, siltstone; dolostone, sandy, silty, argillaceous; quartz-cemented sandstone; minor dolomitic flat-pebble conglomerate, breccia; may include strata of Admiralty Group (Lower Ordovician and/or older, possibly Middle Cambrian)
IPc(Ols?) Carbonate rocks identified on aerial photographs; interpreted unit indicated by colour and letter symbols (in brackets)
PRECAMBRIAN
PRECAMBRIAN
pЄ Metamorphic, plutonic, and sedimentary rocks
Geological boundary (defined, approximate, assumed)
Geological boundary (projected through water or overburden)
Bedding, estimated dip (gentle, medium) g,m
Bedding, tops known 5
Lineament
Normal fault (defined, approximate, assumed; dot on downthrow side)
Stratigraphic section
Station (number shown only where discussed in report) 411a ×
Geology of lower Paleozoic rocks by H.P. Trettin, 1968, and by B.V. Sanford, T.O. Bolton and H.P. Trettin, 1973
Compiled by H.P. Trettin, 1973
To accompany GSC Bulletin 251 by H.P. Trettin
Geological cartography by S.M. Siewert, Institute of Sedimentary and Petroleum Geology, Geological Survey of Canada
Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada
Base-map from parts of Igloolik and Hall Lake sheets published at 1:250,000 by the Mapping and Charting Establishment, Department of National Defense and also part of Barrow River sheet published, 1961 at 1:250,000 by the Army Survey Establishment, R.C.E.
The daily change of the North Magnetic Pole causes the magnetic compass to be very erratic in this area
Elevations in feet above mean sea-level
83°30′
83°00′
82°00′
81°00′
69°45′
69°00′
68°00′
67°30′

Copies of this map may be obtained from the Geological Survey of Canada:
601 Booth Street, Ottawa, Ontario K1A 0E8
3303 - 33rd Street N.W., Calgary, Alberta T2L 2A7

Printed by the Surveys and Mapping Branch, 1975

MAP 1407A

GEOLOGY

LOWER PALEOZOIC GEOLOGY, NORTHEASTERN MELVILLE PENINSULA AND ADJACENT ISLANDS

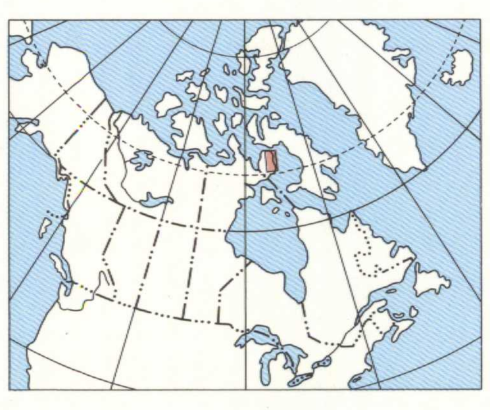
DISTRICT OF FRANKLIN

Scale 1:250,000

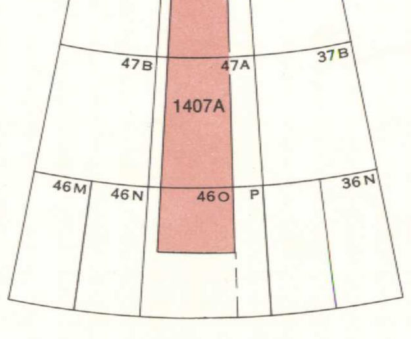
Miles 4 0 4 8 12 Miles

Kilometres 6 0 6 12 18 Kilometres

Transverse Mercator Projection



INDEX MAP



NATIONAL TOPOGRAPHIC SYSTEM REFERENCE

MAP 1407A