

LEGEND

QUATERNARY

- Q Stream, deltaic, glacial, and marine beach sediments (mapped only where underlying bedrock geology could not be inferred with reasonable certainty)

CRETACEOUS (AND POSSIBLY TERTIARY)

- Kt IGNEOUS ROCKS: andesite, dykes and plugs, includes one flow pit or interbedded with the Eureka Sound Formation at the head of Framers Cove
- KTe EUREKA SOUND FORMATION: sandstone, shale, coal, interbedded lava flow

JURASSIC

- J JAEGER FORMATION: sandstone, quartzite

TRIASSIC

- Tr HEIBERG FORMATION: quartz sandstone, minor ferruginous sandstone and coal
- Ts SCHEI POINT FORMATION: calcareous sandstone, bioclastic limestone
- Tb BLORNE FORMATION: quartz sandstone, crossbedded

PERMIAN

- Pt1 TROLD FJORD FORMATION: sandstone, glauconitic, minor chert
- Pbc BELCHER CHANNEL FORMATION: limestone, dolomite, porous to waxy, minor chert

DEVONIAN

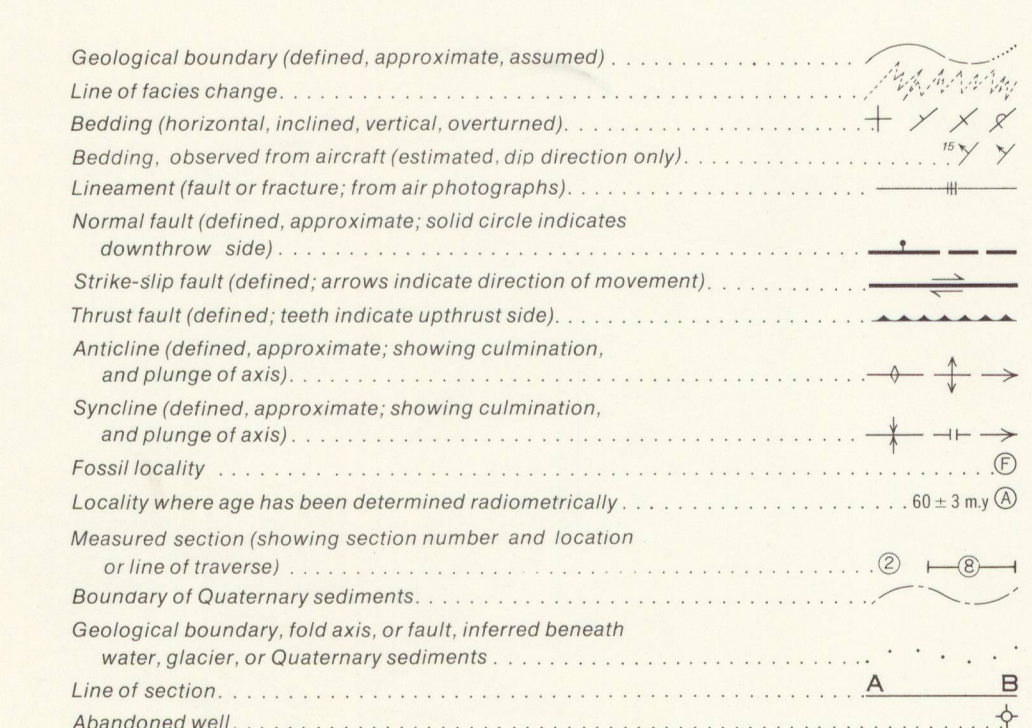
- Dmg MIDDLE AND UPPER DEVONIAN: NEVILLE ISLAND GROUP: GRIPER BAY FORMATION: quartz sandstone, siltstone, shale, commonly greenish weathering
- Dmh MIDDLE AND UPPER DEVONIAN: HECLEA BAY FORMATION: quartz sandstone, resistant to recession
- Dbl MIDDLE DEVONIAN: BIRD FJORD FORMATION: limestone, quartz sandstone, siltstone, commonly greenish
- Dbl LOWER AND MIDDLE DEVONIAN: BLUE FJORD FORMATION: limestone, micritic in south and east; dolomitic to the north and west
- De LOWER DEVONIAN: EIDS FORMATION: limestone, siltstone, shale, fossiliferous in north and east; resistant in east and south
- Dst LOWER DEVONIAN: STUART BAY FORMATION: siltstone, shale, limy, minor conglomerate and limestone interbeds, in south and east limestone is abundant
- Dba LOWER DEVONIAN: BATHURST ISLAND FORMATION: siltstone, thin-bedded sandstone, dolomite, minor limestone

ORDOVICIAN TO DEVONIAN

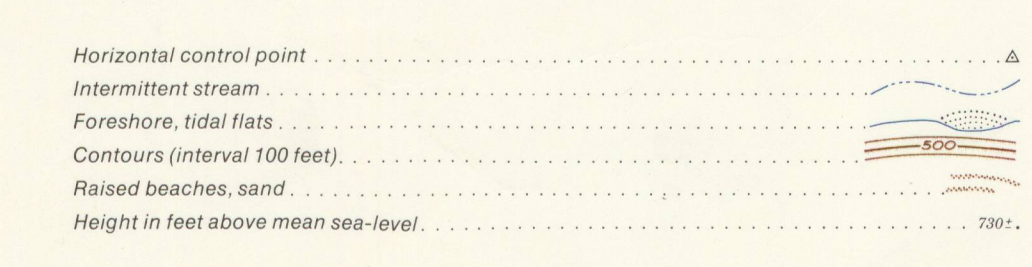
- O-Dcp UPPER ORDOVICIAN TO LOWER DEVONIAN: CAPE PHILLIPS FORMATION: siltstone, shale, argillaceous limestone, argillaceous, minor dolomite

ORDOVICIAN

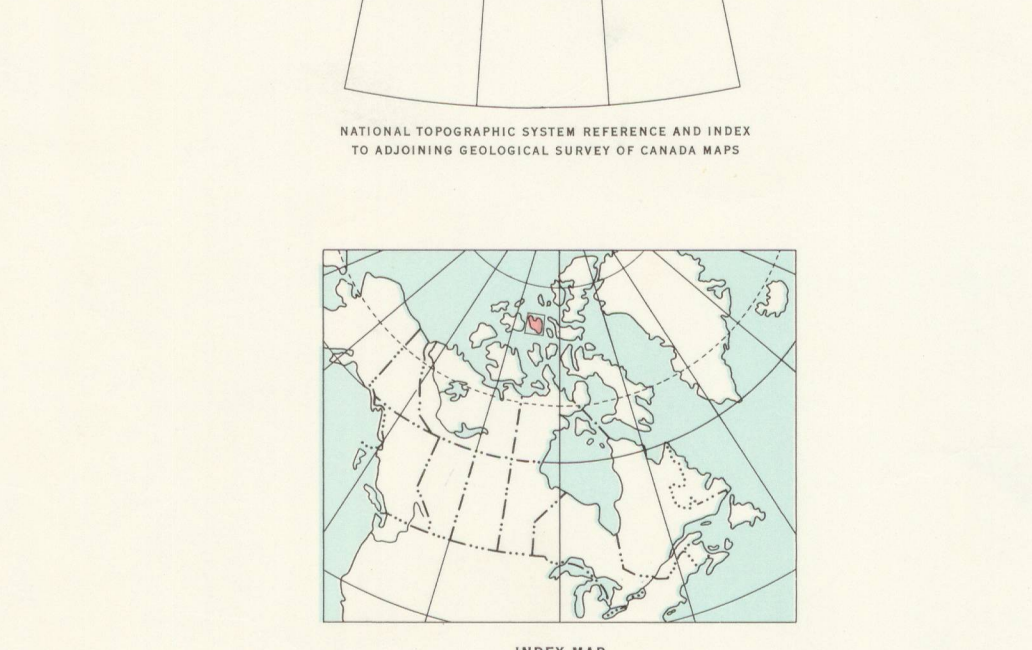
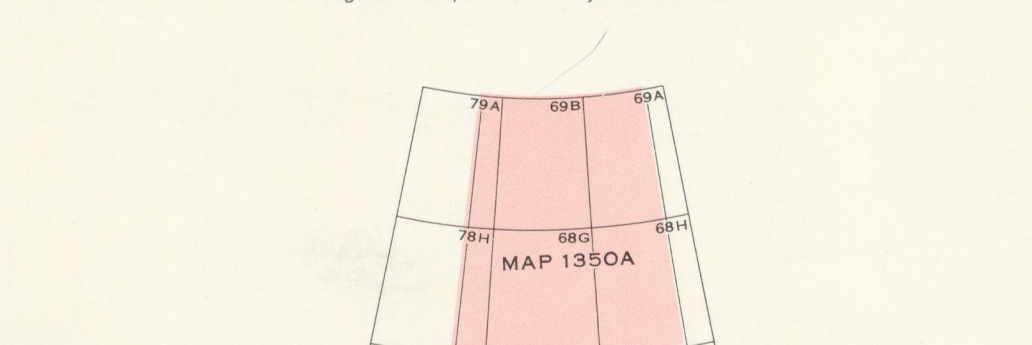
- Ocl MIDDLE AND UPPER ORDOVICIAN: CORNWALL IS. GROUP: IRENE BAY FORMATION: limestone, thin-bedded, green limy shale interbedded, recessive
- Ocb THUMB MOUNTAIN FORMATION: limestone, thick-bedded bluff, forming minor dolomite
- Ocb BAY FJORD FORMATION: anhydrite and anhydritic shale, asporic of limestone and limy dolomite



Geology by J. Wm. Kerr, 1963, 1964
To accompany GSC Memoir 378, by J. Wm. Kerr
Geological cartography by the Institute of Sedimentary and Petroleum Geology, 1972
Any revisions or additional geological information known to the user would be incorporated by the Geological Survey of Canada



Base map cartography by the Institute of Sedimentary and Petroleum Geology, Geological Survey of Canada, 1972, from maps published at 1:250,000 scale (McDougal Sound, Graham Moore Bay, Penny Strait, Heines Island and parts of Domek Point, Byam Channel, Lower Island) by the Army Survey Establishment, R.C.E., in 1965, 1966



BATHURST ISLAND GROUP AND BYAM MARTIN ISLAND
DISTRICT OF FRANKLIN
Scale 1:250,000
Miles 0 4 8 12
Kilometres 0 4 8 12



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