

- DEVONIAN (?)**
- THIRD BERRY HILL POND GRANITE (16 and 17)**
- 17 Fine to medium grained garnetiferous leucogranite, muscovite greater than biotite. Locally contains quartz and feldspar phenocrysts.
  - 16 Coarse grained, feldspar porphyritic, biotite granite.
- MIDDLE RIDGE GRANITE (13 - 15)**
- 15 Fine grained to pegmatitic, muscovite-biotite, garnetiferous, leucogranite.
  - 14 Coarse grained, feldspar porphyritic, muscovite-biotite granite with rare garnets.
  - 13 Medium to coarse grained, muscovite-biotite granite with minor garnets.
- ORDOVICIAN OR SILURIAN**
- 12 Polymictic conglomerate.
  - 11 Laminated siltstone and minor, fine grained, thinly bedded sandstone.
- MIDDLE ORDOVICIAN AND LATER**
- DAVIDSVILLE GROUP - BAIE D'ESPOIR GROUP (4 - 10)**
- 10 Fine to coarse grained, thickly bedded graywacke interbedded with gray siltstone and slate.
  - 9 Blue quartz - feldspar porphyry.
  - 8 Slate and thinly bedded siltstone.
  - 7 Polymictic conglomerate and sandstone.
  - 6 Mafic to intermediate volcanoclastic rocks, felsic crystal-lithic tuff and minor basalt.
  - 5 Graphitic slate and gray siltstone.
  - 4 Twillick Brook Member: Quartz-feldspar porphyry with a fine grained greenish-gray matrix.
- MIDDLE ORDOVICIAN OR EARLIER**
- GANDER GROUP (2 and 3)**
- 3 Pammitte, semipelite and pelite with minor concordant amphibolite bands and minor quartzite.
  - 2 Fine to coarse grained, pale gray, arkosic sandstone with minor gray slate and grayish-white quartzite; pammitte.
- 1 Serpentine, minor pyroxenite, peridotite, and magnetite-rich rocks.

- SYMBOLS**
- Geological boundary (defined, approximate, assumed, gradational) .....
  - Rock outcrop, area of outcrop .....
  - Bedding, tops known (inclined, overturned) .....
  - Bedding, tops unknown (inclined, vertical) .....
  - Main foliation (inclined, vertical, horizontal) .....
  - Strain-slip cleavage (inclined, vertical, horizontal) .....
  - Minor fold axis .....
  - Fault (defined, assumed) .....
  - Mineral isograd, approximate position (biotite, garnet, staurolite) .....
  - Fossil locality .....
  - Mineral occurrence .....

- MINERAL OCCURRENCES**
- Pyrrhotite ..... po
  - Arsenopyrite ..... asp
  - Molybdenite ..... mo
  - Beryl ..... by
  - Scheelite ..... sh
  - Fluorite ..... fl
  - Pyrite ..... py

Geology by R. Frank Blackwood and Lester Green (1981); field assistance was provided by Keith Green and Morris West.

Map is accompanied by separate notes.

This map may be subject to revision and correction.

Geological cartography by Drafting Section, Mineral Development Division, Department of Mines and Energy, Government of Newfoundland and Labrador.

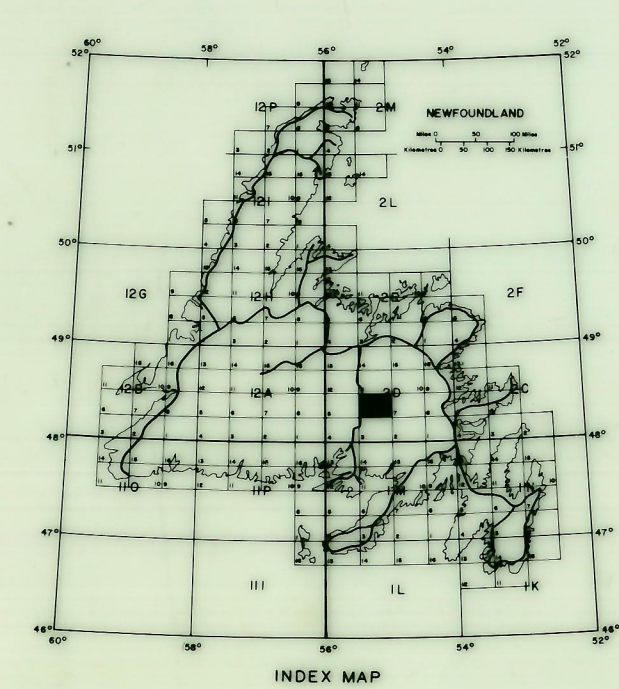
Copies of this map may be obtained from the Publications and Information Section, Mineral Development Division, Department of Mines and Energy, P.O. Box 4760, St. John's, Newfoundland, A1C 5T7.

Base maps at same scale published by Surveys and Mapping Branch, Department of Energy, Mines and Resources, Ottawa.

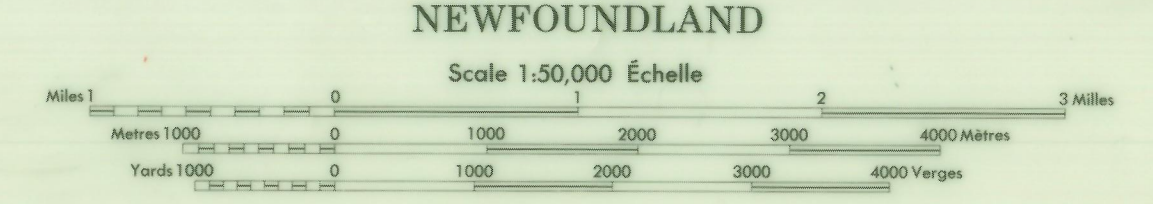
Approximate magnetic declination, 1980, at centre of map, 28° 06' W, decreasing 2.9' annually.

Elevations in feet above sea level.

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**GREAT GULL LAKE**  
FORTUNE BAY DISTRICT  
NEWFOUNDLAND



This Provincial Map is required to be carried in all motor vehicles.

Information on this map is not official. Conditions in addition are noted by the Survey of Mines and Energy.

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2 D/6 (176)  
MAP 82-21