

- LEGEND**
- CARBONIFEROUS**
- Unknown Age
- C9 Red and gray sandstone, conglomerate.
- Pennsylvanian
- Deer Lake Group
  - C7 Howley Formation: Red and gray arkosic sandstone, red and gray conglomerate, dark gray siltstone, and mudstone; red sandstone and conglomerate predominate in lower part of unit.
- Mississippian
- Anguille Group
  - C3 Dark gray siltstone and mudstone, gray sandstone, minor gray conglomerate and dolomitic siltstone.
- DEVONIAN OR OLDER**
- 7 Gales Brook Stock: Pale red coarse grained granite.
  - 6 Topsails Granite: Granite, granodiorite, and syenite; 6a, pale red equigranular granite, quartz monzonite, red syenite, minor quartz syenite and leucocratic granite.
  - 5 Quartz diorite, diorite, gabbro.
- SILURIAN AND DEVONIAN**
- Mic Mac Lake Group
  - 4 Felsic and mafic volcanic rocks, clastic sedimentary rocks; 4a, mainly andesite and basalt flow and pyroclastic rocks; 4b, mainly conglomerate, sandstone, and siltstone; 4c, mainly rhyolite and trachyte flow and pyroclastic rocks.
- SILURIAN AND/OR DEVONIAN**
- Springdale Group
  - 3 Felsic and mafic volcanic rocks, clastic sedimentary rocks; 3a, mafic flow and pyroclastic rocks; 3b, felsic flow and pyroclastic rocks.
- ORDOVICIAN (?)**
- 2 Serpentinized peridotite, serpentinite, talc-carbonate rock, minor dikes of pyroxenite and dunite.
- CAMBRIAN (?) - PRECAMBRIAN (?)**
- Fleur de Lys Super group
  - 1 Biotite-muscovite schist and gneiss, metasediments, metaconglomerate, metasilstone, minor quartzite, marble, graphite schist, metagabbro dikes and sills; 1a, hornblende gneiss; 1b, metagabbro; 1c, biotite-muscovite schist and marble; 1d, metasediments, metaconglomerate, and metasilstone; appears hornfelsed by 6.

- SYMBOLS**
- Geologic boundary (approximate, assumed)
  - Bedding, tops known (inclined, vertical)
  - Bedding, tops unknown (inclined, vertical)
  - Foliation (inclined, vertical)
  - Fault (approximate, assumed), solid circle indicates downthrown side
  - Fault zone
  - Plant fossil locality
  - Outcrop
  - Float
  - Abandoned rock quarry
  - Mineral occurrence: Asb - asbestos, Cu - copper, Marb - marble

**Notes**

Not all the Carboniferous units in the Deer Lake Basin occur in this map area. However, the numbering of Carboniferous units is consistent between maps 792, 793, 794, 7943, and 7944.

Carboniferous geology, excluding unit 10, by R.S. Hyde (party chief), B.A. Alexander (senior assistant), D. Bragg, and W. Jacobs, 1978.

Other information from:

- Neale, E.R.W., and Nash, W.A. 1962. Geology, Sandy Lake (East Half), Newfoundland. Map 40-1962 with accompanying Geological Survey Canada Paper 62-28.
- Bain, G.W., 1937. Marble deposits of northern Newfoundland. Geological Survey of Newfoundland, Bulletin 11.
- Hamilton, E.C. 1964. Report on 1964 mineral exploration program, M.J. Boylen Mineral Concession, Bonne Bay-Sandy Lake Region, Newfoundland.
- Hibbard, James (Unpublished data)
- Peters, H.R. (Unpublished data)

Geology near map boundaries in some cases tied in with more detailed geologic maps of adjacent map areas.

Geological cartography by 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. 4750, St. John's, Newfoundland A1C 5T7.

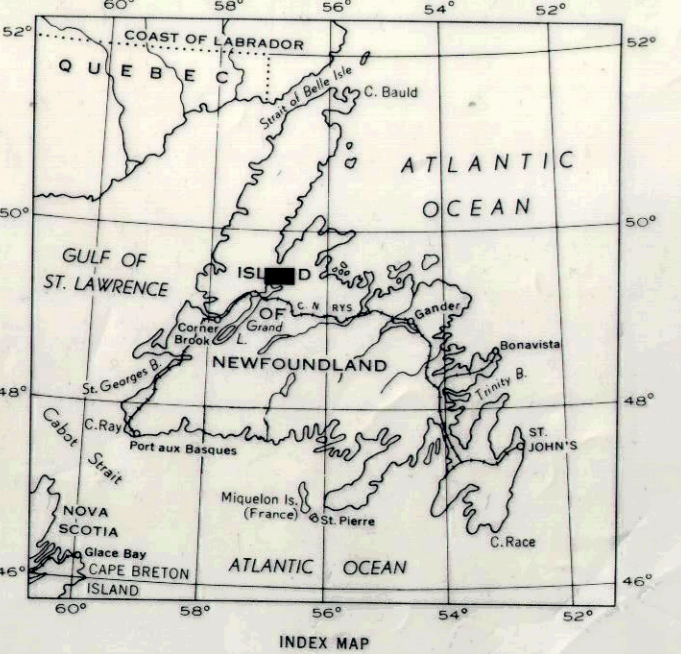
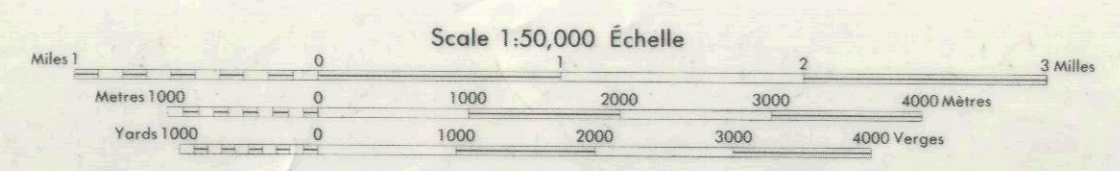
Base map at same scale published by the Surveys and Mapping Branch, Department of Energy, Mines and Resources, Ottawa, 1973.

Approximate magnetic declination, 1973, 28°49' decreasing 3.1' annually.

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MAP 79-3  
SHEFFIELD LAKE  
NEWFOUNDLAND



F. or DRAWING NO. 79-3  
DETAILS SHEFFIELD LAKE