

MINERAL DEVELOPMENT DIVISION
 DEPARTMENT OF MINES AND ENERGY
 GOVERNMENT OF NEWFOUNDLAND AND LABRADOR

- LEGEND**
- Devonian and Earlier(?)**
- 15 Salt the Maid Granite: Pink to orange and gray, medium grained alaskitic granite, granodiorite, and minor diorite.
 - 14 Ackley Batholith: Massive, pink, coarse grained to megacrystic biotite granite.
 - 13 Pink to orange, aphanitic to porphyritic silicic dikes.
 - 12 Mafic dikes and plugs including diorite, diabase and gabbro.
 - 11 Powder Horn Diorite Complex: Gray-green to black, medium to fine grained diorite, gabbro and diabase; minor phases of granite and felsite.
- Cambrian and Earlier**
- 10 Bonavista Formation: Reddish brown and pale green slate with nodules and nodular beds of pink limestone.
 - 9 Random Formation: White orthoquartzite with interbeds of green and gray micaceous siltstone and sandy shale.
- Musgravetown Group**
- 8 Green, gray and red graded and cross-bedded sandstone and pebble conglomerate; interbedded black shale and conglomerate.
- Cambrian or Earlier**
- 7 Swift Current Granite: 7a, Medium grained biotite, hornblende, foliated to massive, granite, granodiorite, syenite; minor apatite; 7b, fine to medium grained diorite and minor diabase.
- Hadrynian or Earlier**
- Connecting Point Group**
- 6 Green and gray, well bedded siltstone and sandstone.
- Love Cove Group**
- 5 Baker Cove Formation: Gray-green sandstone with interbedded black shale.
 - 4 North Harbour Formation: Red to purple conglomerate, sandstone and shale; possibly equivalent to unit 3.
 - 3 Pipers Hole River Formation: Light purple fluvialite sandstone and finely laminated shale.
 - 2 Sandy Harbour River Formation: 2a, Thinly bedded to laminated, graded to cross-laminated, green to gray, graywacke, graywacke conglomerate, siltstone; minor quartzitic and arkosic beds; silicic and mafic crystal-litic tuff in northeast; 2b, lenses of pink to gray felsite and lithic tuff; minor basalt and basaltic agglomerate.
 - 1 Sound Island Formation: Quartz and/or feldspar porphyries; fine grained, gray, quartz and/or feldspar phryic rhyolite and silicic tuff; basalts and basaltic pyroclastics; porphyritic intermediate flows; pink felsite and minor granite adjacent to Swift Current Granite; commonly altered to chlorite and sericite schists; 1a, silicic red gray agglomerates, lithic to crystal tuffs and red, massive, feldspar phryic, flow banded rhyolite; minor intercalated green sandstones and red siltstones, and basaltic flows and pyroclastics; 1b, amygdaloidal, medium gray basaltic flows and red-gray basaltic agglomerates and tuffs; minor rhyolite; 1c, thin intercalations of light to purplish fluvialite sandstones; in the south, arkosic sandstones (horizontally bedded) and arkosic sandstones; 1d, green, thin to medium bedded graywacke and graywacke conglomerate.

- SYMBOLS**
- Geological boundary (defined, approximate, assumed)
 - Fault (defined, approximate, assumed)
 - Bedding: tops known (horizontal, inclined, vertical, overturned)
 - Bedding: tops unknown (inclined, vertical)
 - g = gentle, m = moderate, s = steep
 - Syncline
 - Anticline
 - Axes of minor folds (1st phase, 2nd phase)
 - Schistosity (S₁), slaty cleavage (inclined, vertical)
 - Schistosity (S₂) (inclined, vertical)
 - Dike
 - Mineral occurrence
 - Specular hematite...Fe Pyrophyllite...pyr
 - Copper...Cu Alunite...at
 - Fluorite...fl Quartz...qtz

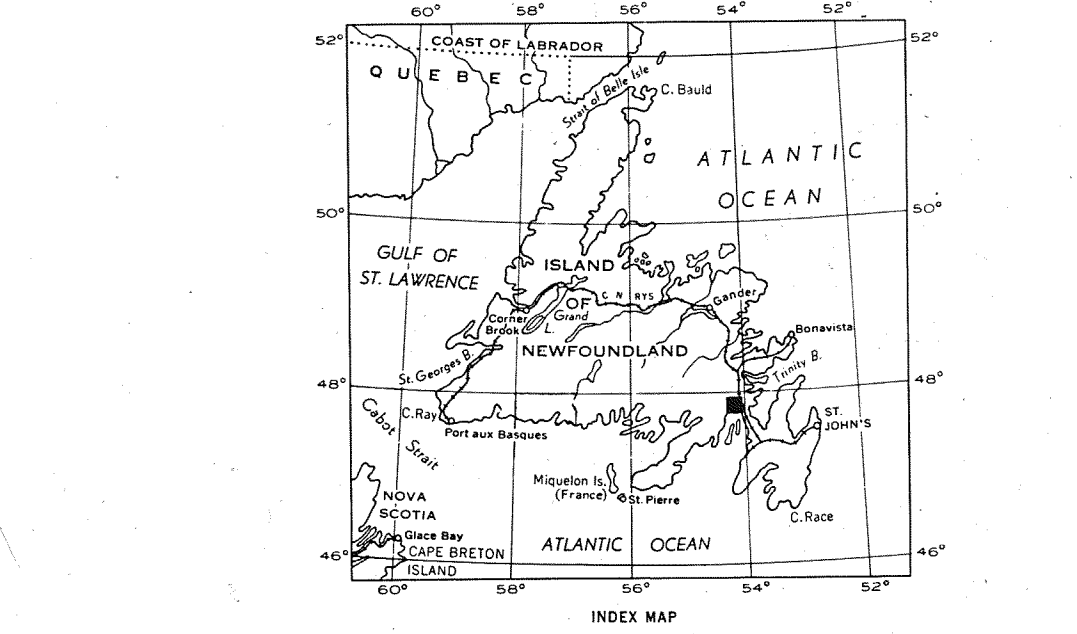
Geology by C.F. O'Driscoll and E.M. Hussey, 1976, 1977.

This preliminary map may be subject to revision and correction.

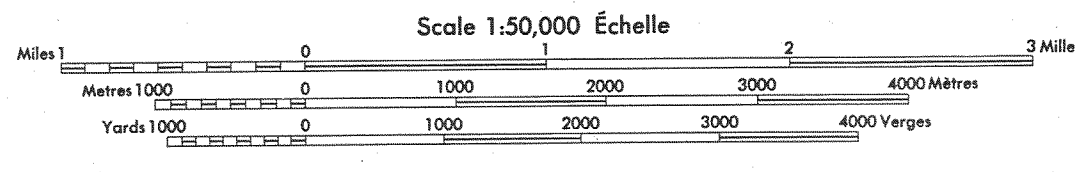
Geological cartography by Mineral Development Division, Department of Mines and Energy, Government of Newfoundland and Labrador.

Copies of this map may be obtained from the Publications and Information Section, Mineral Development Division, Department of Mines and Energy, P.O. Box 4750, St. John's, Newfoundland, A1C 5T7.

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



MAP 7863
 SOUND ISLAND
 NEWFOUNDLAND



Roads:
 loose or stabilized surface, all weather, gravel aggregate, built season, 2 lanes or more, 2 lanes or more
 loose surface, dry weather and unsurfaced streets, cart track, trailer portage
 de gravel, terres sac et non liés, de terre, trailer ou portage