



LEGEND

- SURFICIAL DEPOSITS OMITTED**
- MIDDLE ORDOVICIAN OR YOUNGER (UNDEFORMED)**
- 10 diabase dykes
- MIDDLE ORDOVICIAN OR YOUNGER (DEFORMED)**
- 9 garniferous leucocratic granite and related rocks; 9a, North Bay Granite
  - 8 ultramafic rocks
- LOWER PALEOZOIC?**
- 7 tonalite and diorite; 7a, gabbro
- LOWER OR MIDDLE ORDOVICIAN**
- BAIE D'ESPOIR GROUP**
- 6 ISLE GALET FORMATION: 6a, semipelite schist and phyllite; 6b, psammite and metaconglomerate; 6c, graphitic schist; 6d, acid igneous rocks; 6e, basic igneous rocks.
  - 5 RICHES ISLAND FORMATION: 5a, semipelite schist and phyllite; 5b, psammite; 5c, graphitic schist; 5d, siltstone and pelite; 5e, acid and intermediate igneous rocks.
  - 4 ST. JOSEPH'S COVE FORMATION: 4a, siltstone and pelite; 4b, sandstone and conglomerate; 4c, acid igneous rocks.
  - 3 SALMON RIVER DAM FORMATION: 3a, sandstone and siltstone; 3b, graphitic schist; 3c, psammite.
- PRECAMBRIAN?**
- 2 pink equigranular granite
  - 1 gneiss: 1a, psammite and semipelite with minor amphibolite and granitic gneiss; 1b, migmatite.

SYMBOLS

- Geological boundary (defined, approximate, assumed, gradational)**
- Bedding (tops known; horizontal, inclined, vertical, overturned)**
- Bedding (tops unknown; horizontal, inclined, vertical)**
- Schistosity, cleavage; attributed to the second deformation of the Baie d'Espoir Group (horizontal, inclined, vertical)**
- Schistosity, cleavage; of unspecified age (horizontal, inclined, vertical)**
- Gneissic foliation (horizontal, inclined, vertical)**
- Gneissic banding (horizontal, inclined, vertical)**
- Minor fold axis; attributed to the second deformation of the Baie d'Espoir Group (vergence not known; sense of vergence observed looking along the arrow)**
- Minor fold axis; of unspecified age**
- Lineation; attributed to the second deformation of the Baie d'Espoir Group (S, intersection of planar surfaces; C, microconcretions; R, roiling; Sense of vergence observed looking along the arrow)**
- Lineation; of unspecified age**
- Primary igneous lineation (horizontal, inclined)**
- Primary igneous banding (horizontal, inclined, vertical)**
- Fault (defined, approximate, assumed, inclined)**
- Thrust fault (defined, approximate, assumed)**
- Glacial striae (direction of movement known, unknown)**
- Esker**
- Terminal moraine**
- Mineral occurrences**
- Mo molybdenum
  - Pb lead
  - Zn zinc
  - Ag silver

Geology by S.P. Colman-Sadd 1972, 1973, 1974 and 1975.

This preliminary map may be subject to revision and correction.

Geological cartography by Mineral Development Division, DEPARTMENT OF MINES AND ENERGY, Government of Newfoundland.

Copies of this map may be obtained from the Mineral Development Division, Department of Mines and Energy, St. John's, Newfoundland.

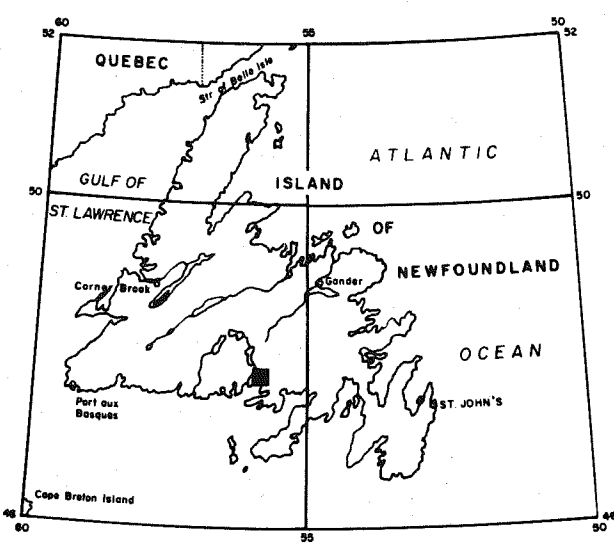
Base map at same scale published by the Surveys and Mapping Branch, Department of Energy, Mines and Resources.

Approximate magnetic declination 1969, for centre of map, 28° 42' decreasing 2.8' annually.

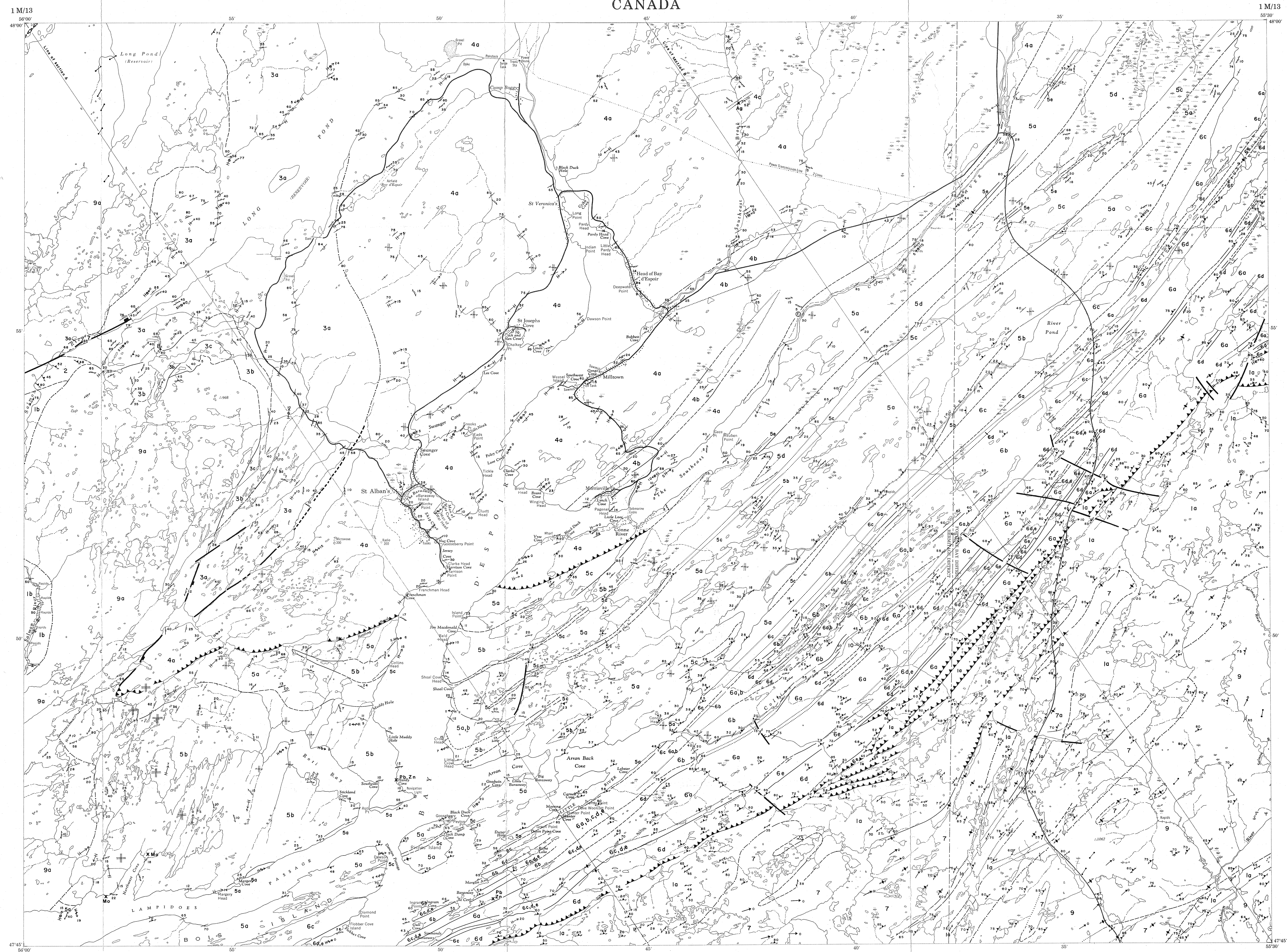
Elevations in feet above mean sea level.

To accompany Report 76-4 by S.P. Colman-Sadd.

Roads updated to 1976 by Mineral Development Division, Department of Mines and Energy, Province of Newfoundland.



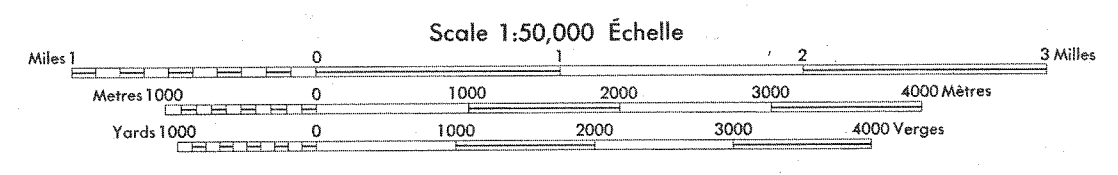
INDEX MAP



CANADA

1M/13(150)

ST. ALBAN'S NEWFOUNDLAND



Roads: known established surface, all weather; loose surface, dry weather and undrained surface; cart track; trail or path; sewer or portage

Rivers: known established surface, all weather; loose surface, dry weather and undrained surface; cart track; trail or path; sewer or portage

Streams: known established surface, all weather; loose surface, dry weather and undrained surface; cart track; trail or path; sewer or portage

Canals: known established surface, all weather; loose surface, dry weather and undrained surface; cart track; trail or path; sewer or portage

Dams: known established surface, all weather; loose surface, dry weather and undrained surface; cart track; trail or path; sewer or portage

Other: known established surface, all weather; loose surface, dry weather and undrained surface; cart track; trail or path; sewer or portage