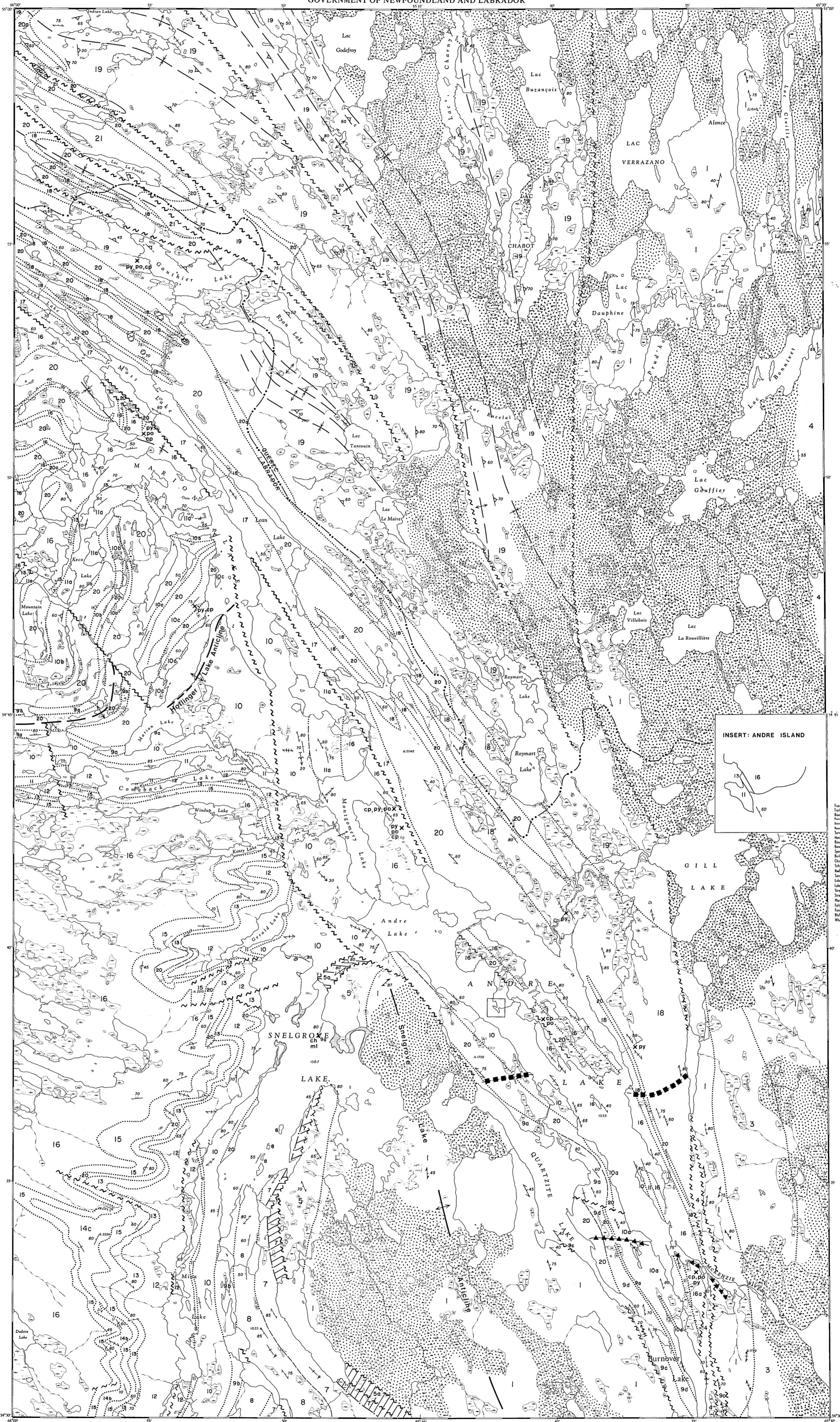


LEGEND

Symbols

- HELIKIAN**
- 22 Shabogamo Group: Gabbro, diabase; 22a, pyroxenite.
- APHEBIAN**
- Kaniapiskau Supergroup**
- Montagnais Group**
- 21 Retty peridotite.
- 20 Gabbro; 20a, glomeroporphyritic gabbro.
- Doublet Group**
- 19 Willbob Formation: Pillow lava, minor tuff and volcanic breccia.
- 18 Thompson Lake Formation: Banded siltstone and black slate.
- 17 Murdoch Formation: Chloritic phyllite, sericitic phyllite, chloritic siltstone, minor conglomerate.
- Knob Lake Group**
- 16 Menihok Formation: Gray and black shale, minor siltstone; 16a, biotite phyllite and schist.
- 15 Sokoman Formation: Cherty iron formation.
- 14 Nimish Subgroup: 14a, Mafic lavas, minor volcanogenic conglomerate, thin sills; 14b, pillow breccia agglomerate, brecciated pillow lava; 14c, mafic tuff and volcanogenic siltstones.
- 13 Wishart Formation: Orthoquartzite, gray quartzite, siltstone.
- 12 Dolly Formation: Gray shale and siltstone.
- 11 Denault Formation: Dolomite; 10a, stromatolitic dolomite.
- 10 Attikamagen Formation: Gray shale and siltstone; 10a, biotite phyllite and schist; 10b, pillow basalt; 10c, calcareous siltstone and shale, quartzite; 10d, orthoquartzite.
- Seward Formation**
- 9 Upper Seward Formation: 9a, Purple sandstone and orthoquartzite; 9b, red shale and siltstone; 9c, banded chlorite-sericite schist; 9d, biotite schist.
- 8 Middle Seward Formation: Arkose, quartz granule conglomerate, gray sandstone; 8a, red shale.
- 7 Lower Seward Formation: Gray feldspathic sandstone and granule conglomerate.
- 6 Seward Formation: Undifferentiated.
- ARCHEAN OR APHEBIAN**
- 5 Leucogranite; 5a, mylonitically deformed leucogranite.
- 4 Amphibolite, amphibolite gneiss and schist.
- Eastern Basement Complex**
- 3 biotite gneiss.
- 2 Amphibolite and tonalite-granodiorite gneiss.
- 1 Tonalite-granodiorite gneiss.

- Geological contact (defined, approximate, assumed).....
- Fault (defined, approximate, assumed).....
- Thrust fault (defined, approximate, assumed).....
- Biotite isograd (defined, approximate).....
- Garnet isograd (defined, approximate).....
- Bedding: tops unknown (inclined, vertical).....
- Bedding: tops known (inclined, vertical, horizontal, overturned).....
- Strike and dip of pillow lava: tops known (inclined, vertical, overturned).....
- S₁ cleavage-schistosity (inclined, vertical).....
- S₁ cataclastic foliation (inclined, vertical).....
- Gneissic foliation (inclined, vertical).....
- S₂ cleavage (inclined, vertical).....
- F₁ minor fold axis; with sense of vergence.....
- F₂ minor fold axis; with sense of vergence.....
- F₁ major fold axis (anticline, syncline).....
- Area of intense cataclastic deformation.....
- Area of thick overburden.....
- Iron deposit.....
- Gossan.....
- Mineral prospect..... x
- Mineral showing..... x
- Chalcopyrite..... cp
- Chalcoelite..... ch
- Hematite..... hem
- Malachite..... ml
- Magnetite..... mag
- Pyrite..... py
- Pyrrhotite..... po



REFERENCE

Geological Map of the Province of Newfoundland and Labrador	1976
Geological Map of the Province of Newfoundland and Labrador	1978
Geological Map of the Province of Newfoundland and Labrador	1980
Geological Map of the Province of Newfoundland and Labrador	1982
Geological Map of the Province of Newfoundland and Labrador	1984
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Geological Map of the Province of Newfoundland and Labrador	2012
Geological Map of the Province of Newfoundland and Labrador	2014
Geological Map of the Province of Newfoundland and Labrador	2016
Geological Map of the Province of Newfoundland and Labrador	2018
Geological Map of the Province of Newfoundland and Labrador	2020

Some map units shown in legend are not present on this map.

Geology of southern half of map by R.J. Wardle, 1976; geology of northern half of map by J.A. Donaldson, 1966; compiled by R.J. Wardle, 1978.

To accompany Report 78-9

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.

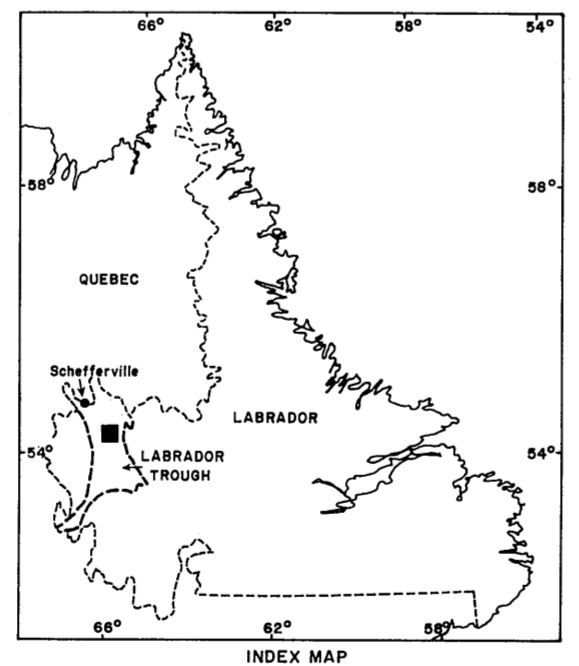
Base maps at scale 1:50,000 published by Surveys and Mapping Branch, Department of Energy, Mines and Resources, Ottawa.

Approximate magnetic declination, 1977 at centre of map 30°55'W; annual magnetic change 4' easterly.

Elevations in feet above mean sea level

The Quebec-Labrador boundary had not been surveyed or monumented on the ground at date of publication. Its position is only shown approximately.

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MAP 78-101
MAP 1
MARION LAKE-ANDRE LAKE

SCALE 1:100,000
Kilometres 0 1 2 3 4 Kilometres