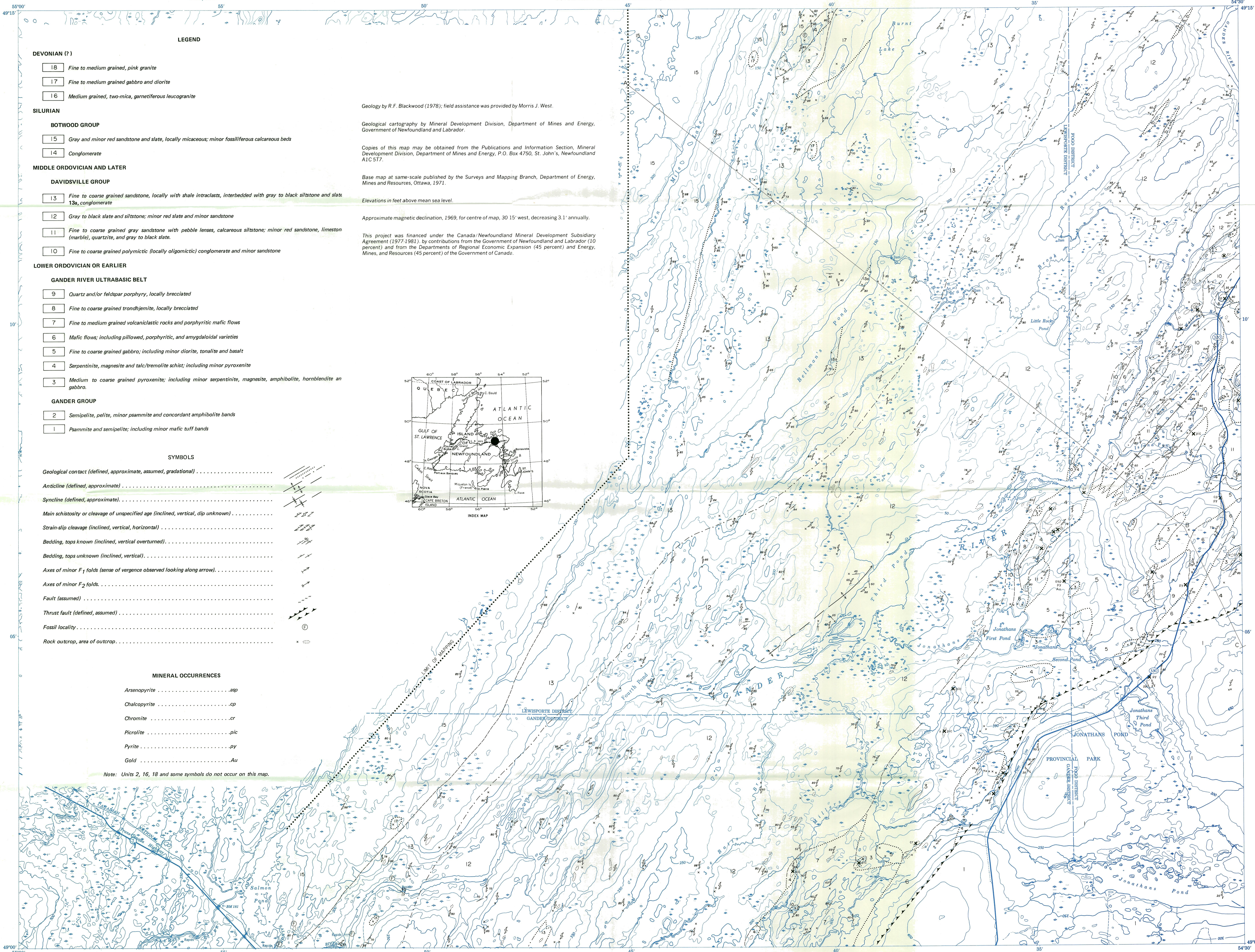


1:50,000



DEVONIAN (?)

- 18 Fine to medium grained, pink granite
- 17 Fine to medium grained gabbro and diorite
- 16 Medium grained, two-mica, garnetiferous leucogranite

SILURIAN

BOTWOOD GROUP

- 15 Gray and minor red sandstone and slate, locally micaceous; minor fossiliferous calcareous beds
- 14 Conglomerate

MIDDLE ORDOVICIAN AND LATER

DAVIDSVILLE GROUP

- 13 Fine to coarse grained sandstone, locally with shale intraclasts, interbedded with gray to black siltstone and slate, 13a, conglomerate
- 12 Gray to black slate and siltstone; minor red slate and minor sandstone
- 11 Fine to coarse grained gray sandstone with pebble lenses, calcareous siltstone; minor red sandstone, limestone (marble), quartzite, and gray to black slate.
- 10 Fine to coarse grained polyimitic (locally oligomitic) conglomerate and minor sandstone

LOWER ORDOVICIAN OR EARLIER

GANDER RIVER ULTRABASIC BELT

- 9 Quartz and/or feldspar porphyry, locally brecciated
- 8 Fine to coarse grained trondhjemite, locally brecciated
- 7 Fine to medium grained volcanoclastic rocks and porphyritic mafic flows
- 6 Mafic flows, including pillowed, porphyritic, and amygdaloidal varieties
- 5 Fine to coarse grained gabbro, including minor diorite, tonalite and basalt
- 4 Serpentinite, magnesite and talc/tremolite schist; including minor pyroxenite
- 3 Medium to coarse grained pyroxenite; including minor serpentinite, magnesite, amphibolite, hornblendite and gabbro.

GANDER GROUP

- 2 Semipelite, pelite, minor psammite and concordant amphibolite bands
- 1 Psammite and semipelite; including minor mafic tuff bands

SYMBOLS

- Geological contact (defined, approximate, assumed, gradational)
- Anticline (defined, approximate)
- Syncline (defined, approximate)
- Main schistosity or cleavage of unspecified age (inclined, vertical, dip unknown)
- Strain-slip cleavage (inclined, vertical, horizontal)
- Bedding, tops known (inclined, vertical, overturned)
- Bedding, tops unknown (inclined, vertical)
- Axes of minor F₁ folds (sense of vergence observed looking along arrow)
- Axes of minor F₂ folds
- Fault (assumed)
- Thrust fault (defined, assumed)
- Fossil locality
- Rock outcrop, area of outcrop

MINERAL OCCURRENCES

- Arsenopyriteasp
- Chalcopyritecp
- Chromitecr
- Picritepic
- Pyritepy
- GoldAu

Note: Units 2, 16, 19 and some symbols do not occur on this map.

Geology by R.F. Blackwood (1978); field assistance was provided by Morris J. West.

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

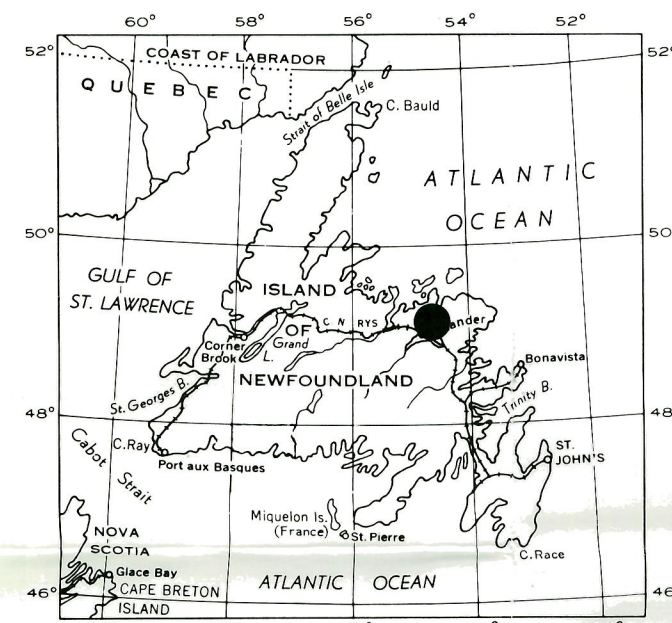
Copies of this map may be obtained from the Publications and Information Section, Mineral Development Division, Department of Mines and Energy, P.O. Box 4750, St. John's, Newfoundland A1C 5T7.

Base map at same scale published by the Surveys and Mapping Branch, Department of Energy, Mines and Resources, Ottawa, 1971.

Elevations in feet above mean sea level.

Approximate magnetic declination, 1969, for centre of map, 30 15' west, decreasing 3.1' annually.

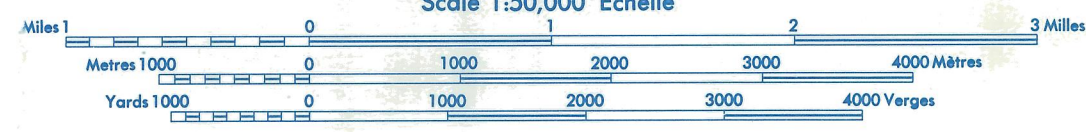
This project was financed under the Canada/Newfoundland Mineral Development Subsidiary Agreement (1977-1981), by contributions from the Government of Newfoundland and Labrador (10 percent) and from the Departments of Regional Economic Expansion (45 percent) and Energy, Mines, and Resources (45 percent) of the Government of Canada.



GANDER RIVER
NEWFOUNDLAND

MAP 80-31

Scale 1:50,000 Echelle



Roads	Roads	Gravel	Gravel
hard surface, all weather	pauses, toute saison	durif	moins durif
hard surface, all weather	pauses, toute saison	durif	moins durif
loose or stabilized surface, all weather	gravier aggloméré, toute saison	durif	moins durif
loose surface, dry weather and unclassified streets	de gravier, temps sec et routes hors classe	durif	moins durif
car track	de terre	durif	moins durif
trail or portage	sentier ou portage	durif	moins durif

This Provisional Map is equivalent to a standard map in accuracy of content.

Some names on this map are not yet official. Corrections or additions are invited by the Survey and Mapping Branch.

CONTOUR INTERVAL, 50 FEET

Elevations in Feet above Mean Sea Level

North American Datum 1987

Transverse Mercator Projection