

**GEOLOGY OF THE LAC CAOPACHO — LAC FLEUR-DE-MAY AREA,
SOUTHWESTERN LABRADOR**

Map 86-71

LEGEND

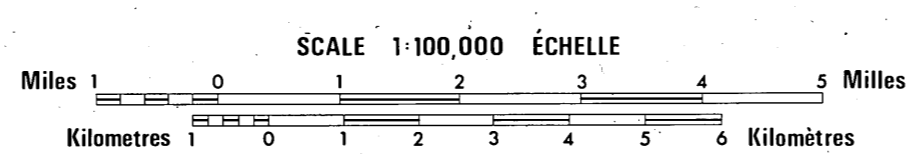
- 4 Late diabase dikes
- 3 **Granitoid Rocks**
 - 3a Granitoid orthogneiss; strongly foliated and typically weakly layered; commonly contains biotite
 - 3b Granite; predominantly equigranular, including minor k-feldspar-megacrystic granite; massive to weakly foliated; mc3b, predominantly k-feldspar-megacrystic granite, including lesser amounts of medium grained, equigranular granite; massive to weakly foliated; fd3b, strongly foliated, equigranular, medium grained granite
 - 3c Granodiorite; massive to weakly foliated, medium to coarse grained
 - 3d Tonalite; massive to weakly foliated, medium to coarse grained
 - 3e Rapakivi-textured granite; closely associated with a medium grained, equigranular granite phase
- 2 **Basic Intrusive Rocks**
 - 2a Clinopyroxene-bearing norite; massive to weakly foliated, medium to coarse grained
 - 2b Gabbronorite; orthopyroxene subordinate to clinopyroxene, locally olivine bearing, massive to weakly foliated
 - 2c Gabbro; massive to weakly foliated, locally contains olivine; 2cS, Shabogamo Gabbro; typically garnet bearing, strongly foliated and/or lineated and deeply weathered
- 1 **Supracrustal Rocks**
 - 1a Pelitic paragneiss; sillimanite — biotite — magnetite — garnet restite interlayered with k-feldspar, plagioclase — quartz leucosome; typically weathers pink and dark gray
 - 1b Semipelitic paragneiss; biotite- and garnet-bearing restite layers
 - 1c Psammitic paragneiss; quartz-rich, weakly layered paragneiss containing minor amounts of biotite and/or muscovite
 - 1d Pelitic paragneiss; muscovite — biotite — garnet — magnetite restite interlayered with plagioclase — quartz leucosome; typically weathers light gray
 - 1e Mafic paragneiss; paleosome contains plagioclase and clinopyroxene, and locally orthopyroxene or hornblende; cross-cutting to concordant neosomes contain plagioclase and locally orthopyroxene.

SYMBOLS

- S₂ foliation — gneissosity (inclined, vertical, horizontal)..... / / /
- S₂ foliation (inclined, vertical, horizontal)..... / / /
- F₂ axial plane (inclined, vertical, horizontal)..... / / /
- S₁ foliation — F₂ axial plane (inclined, vertical, horizontal)..... / / /
- L₁ lineation; mineral and extension lineations..... / /
- L₂ lineation..... / /
- F₂ minor fold axis..... / /
- L₁ lineation — F₂ minor fold axis..... / /
- Outcrop locality..... x
- Assumed geological contact..... / - /
- Boundary of areas with no exposure..... / - /
- Limits of geological mapping..... / - /

ABBREVIATIONS

- fd.....strongly foliated
- m.....massive
- mc.....megacrystic
- s.....straight foliation
- my.....mylonitic fabric
- gt.....garnet bearing
- op.....orthopyroxene bearing
- mu.....muscovite bearing
- ch.....chlorite
- p.....pegmatite
- ().....dike of rock type in brackets
- [].....xenolithic inclusion of rock type in brackets



Geology by J. Connelly and P. Scowen, 1986.
Geological cartography by J. Connelly.
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This preliminary geological map is subject to revision and correction.

