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GOVERNMENT OF NEWFOUNDLAND AND LABRADOR
Department of Natural Resources
Geological Survey

11 P/11 — 1:50,000 — 11 P/11

Printed 1995

LEGEND

DEVONIAN OR LATER

- Dd — *Diabase dykes that cut the* François Granite
- Ddp — *Grey, fine-grained, plagioclase porphyritic, diabase dykes*
- Dq — *Postkinematic quartz veins; commonly contain tungsten and base-metal mineralization in the* Grey River enclave
- Dc — *Red and green conglomerate, sandstone and argillite locally containing limestone lenses*

DEVONIAN

- Dg — GREY RIVER POINT GRANITE: *fine- to medium-grained, biotite ± hornblende granite*

FRANÇOIS GRANITE – Df

- Dfd — *Pink, fine-grained, granite dykes;* Df_{d_1}, *fine-grained, biotite aplite;* Df_{d_2}, *very fine-grained quartz–K-feldspar (after sanidine)–albite porphyritic rhyolite dykes*

Northeast Lobe (Units Dfc, Dfp, Dfr)

- Dfr — *Pink, fine- to medium-grained, quartz–K-feldspar porphyritic, biotite granite*
- Dfg — *Buff to grey, medium-grained, quartz–plagioclase porphyritic, biotite granodiorite*
- Dfp — *Pink, fine, medium- and coarse-grained, quartz–K-feldspar porphyritic, biotite granite*
- Dfc — *Pink, coarse-grained, quartz–K-feldspar porphyritic, biotite granite;* Df_{c_1}, *fine- to medium-grained to pegmatitic, quartz–K-feldspar porphyritic, biotite granite*

Southwest Lobe (Units Dfm, Dfs, Dfe, Dfk, Dfb, Dfq)

- Dfq — *Pink, fine- to medium-grained, quartz–K-feldspar porphyritic, biotite granite*
- Dfb — *Buff to grey, medium-grained, quartz–plagioclase porphyritic, biotite granite and granodiorite*
- Dfk — *Pink, coarse-grained, quartz–K-feldspar porphyritic, biotite granite*
- Dfe — *Pink, coarse-grained, equigranular and locally K-feldspar porphyritic, biotite granite*
- Dfs — *Pink, coarse-grained, equigranular to slightly feldspar porphyritic, biotite granite*
- Dfm — *Buff to grey, fine- to medium-grained, feldspar porphyritic, granophyric, biotite granite*
- Dnm — MORGAN BROOK GRANITE (part of the North Bay Granite Suite): *buff, medium-grained, K-feldspar porphyritic, biotite ± muscovite granite*

SILURIAN OR EARLY DEVONIAN?

- Ss — BLACK COVE GABBRO: *Massive to weakly foliated, fine- to coarse-grained, hornblende metagabbro and hornblendite*

SILURIAN AND LATER

RAMEA COMPLEX – Sr

- Srd — *Massive, medium-grained diabase plug and dykes*
- Srb — *Massive, medium-grained, biotite–hornblende gabbro and quartz diorite*
- Srf — *Felsic dykes of unknown affiliation;* Sr_{f_1}, *weakly cleaved, pink, fine-grained felsite dykes;* Sr_{f_2}, *massive, pink, fine-grained biotite granite dykes*
- Sri — *Massive to weakly cleaved, pink, equigranular, leucocratic, biotite granite;* Sr_{i_1}, *fine-grained granite dykes*
- Srg — *Grey, massive to sheared, medium-grained, equigranular biotite–hornblende granodiorite*
- Src — *Massive, medium coarse-grained, K-feldspar porphyritic, biotite granite;* Sr_{c_1}, *pink, fractured and sheared, medium- to medium-coarse-grained, equigranular to K-feldspar porphyritic, biotite granite*
- Srm — *Black and pink, medium- to coarse-grained, K-feldspar porphyroclastic, strongly foliated to mylonitic biotite granite;* Sr_{m_1}, *black, fine- to very fine-grained, feldspar porphyroclastic, mylonitic granite;* Sr_{m_2}, *black and pink, foliated, medium-grained, metamorphosed, K-feldspar porphyroclastic, biotite granite*
- Srg — *Medium- to coarse-grained, massive to foliated metagabbro and diabase*

SILURIAN

- Ssu — *Undivided, mylonitic granitoids derived in part from the* Burgeo Intrusive Suite, *the* Gaultois Granite *and* Bay du Nord Group; Su_1, *ultramylonite*

BURGEO INTRUSIVE SUITE – Ss

- Ssp — *Fine- to medium-grained, granite protomylonite, mylonite and ultramylonite*
- Ssm — *Weakly foliated, pink, medium-grained, equigranular or locally feldspar-porphyritic, biotite ± muscovite granite*
- Sse — *Weakly foliated, pink, coarse-grained, equigranular, biotite granite*
- Ssp — *Massive to weakly foliated, pink, coarse-grained, K-feldspar porphyritic, biotite granite*
- Ssg — *Weakly to strongly foliated, buff, coarse-grained, K-feldspar porphyritic, biotite ± hornblende granodiorite*
- Sss — *Massive to locally strongly foliated and sheared, pink, coarse-grained, K-feldspar porphyritic, biotite granite*
- Sst — *Foliated, grey, medium-grained, equigranular biotite tonalite and granodiorite*
- Ssh — *Moderately to strongly foliated, buff to grey to black, coarsely K-feldspar and plagioclase porphyritic, biotite-rich ± hornblende granodiorite, tonalite and granite*

GAULTOIS GRANITE – Sg

- Sgs — *Strongly foliated to sheared, white and black, medium-grained, feldspar porphyritic, biotite granite*
- Sgd — *Foliated, pink, coarse-grained, equigranular biotite granite dyke*
- Sgg — *Strongly foliated to sheared, black and white to pink and buff, medium- to coarse-grained, coarsely feldspar-porphyritic, biotite ± hornblende granodiorite and granite*

ORDOVICIAN

BAY DU NORD AND BAIE D'ESPOIR GROUPS – Os

- Os — *Psammitic and semipelitic schist, and migmatized equivalents; strongly foliated metasedimentary rocks and undivided granite veins;* Os_1, *melanocratic, schistose metasedimentary and mafic xenoliths;* Os_2, *psammitic gneiss of uncertain affiliation*

LATE PROTEROZOIC TO CAMBRIAN

GREY RIVER ENCLAVE AND POSSIBLE EQUIVALENTS – PC

- PCq — *Prekinematic quartz veins*
- PCa — *Fine- to coarse-grained amphibolite, including minor gabbro and hornblendite;* PCa_1, *hornblendite and gabbro;* PCa_2, *pyroxenite*
- PCt — *Fine-grained grey-white and pink-white felsic tuff, locally containing minor carbonate lenses; medium- to coarse-grained quartz and feldspar lapilli tuff; minor sandstone and phyllite. East of* Devil Bay, *strongly schistose to mylonitic, felsic volcanic rocks*
- PCp — *Pelitic to psammitic phyllite and schist, minor quartzite, banded amphibolite and migmatite*
- PCm — *Migmatized semipelite, pelitic and psammitic schist, and minor hornblende ± biotite schist*
- PCs — *Agmatite. Hornblende ± biotite schist, migmatite and amphibolite intruded by foliated leucogranite*
- PCh — *Hornblende ± biotite schist and migmatite, and amphibolite*
- PCg — *Fine- to medium-grained granite and granodiorite gneiss containing profuse mafic xenoliths*

SYMBOLS

- *Geological contact (defined, approximate, assumed, transitional)*
- *Fault (defined, approximate, assumed)*
- *Bedding tops known, unknown (inclined, vertical)*
- *Cleavage, schistosity of unknown age (inclined, vertical, dip unknown)*
- *Crenulation or strain-slip cleavage postdating the main fabric (inclined, vertical)*
- *Glacial striation*
- *Migmatitic layering (inclined, vertical)*
- *Mylonitic foliation (inclined, vertical)*
- *Locally developed shear fabric (inclined, vertical)*
- *Contact-related foliation in granite (inclined, vertical)*
- *Lineation with plunge*
- *Minor fold axis postdating the main fabric (S, Z, vergence unknown)*
- *Mylonite zone*
- *Tungsten mineralization* — W
- *Geochemical sample location and number* — X2242345

not examined

INDEX MAP

Geology by W.L. Dickson, P.W. Delaney, J. Poole and R.F. Blackwood, 1984. Modifies Newfoundland Department of Mines and Energy Open File Map 84-63 (Dickson et al., *1984).*

Contribution to the Canada–Newfoundland Cooperative Minerals Program 1982–1984; the Canada–Newfoundland Mineral Development Agreement, 1984–1989 and the Canada–Newfoundland Cooperation Agreement on Mineral Development (1990–1994). Project funded by the Geological Survey of Canada and the Newfoundland Department of Natural Resources.

Base map at same scale published by Surveys and Mapping Branch, Department of Energy, Mines and Resources, Ottawa, 1988.

Approximate magnetic declination 1988 for centre of map 11P/11 is 23°50'W, decreasing 5.2' annually.

Copies of this map may be obtained from the Publications and Information Section, Geological Survey, Department of Natural Resources, P.O. Box 8700, St. John's, Newfoundland, Canada, A1B 4J6.

This map accompanies Geological Survey report by W.L. Dickson, J.C. Poole and P.W. Delaney, entitled Geology of the Silurian and Devonian granites and associated rocks in the Cape La Hune (NTS 11P/10) and Ramea (NTS 11P/11) map areas, south coast of Newfoundland.

Geological cartography by T. Peltavaage and T. Sears; geological cartography and photomechanical artwork by D. Leonard; cartographic supervisor K. Byrne, Cartographic Section, Geological Survey, Department of Natural Resources.

MAP 94-221

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RAMEA
BURGEO AND LA POILE DISTRICT
NEWFOUNDLAND
Scale 1:50,000 Échelle

Miles 1 0 1 2 3 Miles
Metres 1000 0 1000 2000 3000 4000 Mètres
Yards 1000 0 1000 2000 3000 4000 Yerges

This Processed 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 Surveys and Mapping Branch

CONTOUR INTERVAL 50 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927

Roads: Route: Trans-Canada Highway
Primary highway, hard surface
Secondary highway, hard surface
Light duty road, hard or loose surface
Unimproved road
Trail
Railway
Power line
Pipeline
Boundary: National
Provincial
Township
Indian Reserve
Hydrography: Shoreline
Intermittent stream
Canal
Rapids
Falls
Dam
Lake
Intermittent lake
Reservoir
Swamp
Marsh
Glacier
Land subject to inundation
Sand
Gravel
Mud flat
Rock
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Depression
Supplementary
Bathymetric
Spot elevation
Benchmark
Triangulation station
Mine
Quarry
Gravel pit
Wreck
Buildings
Church
Cemetery
Lighthouse
Campground
Picnic site
Fish plant
Wharf
Boat launch
Ferry
Airport
Helicopter landing pad
Seaplane base
Portage
Cabin
Tower
Fire tower
Mountain pass
Ski hill
Ski jump
Ski tow
Ski trail
Snowmobile trail
Canoe route
Hiking trail
Rock climbing
Caribou crossing
Moose crossing
Bear crossing
Waterfowl crossing
Fishing
Hunting
Boating
Swimming
Water skiing
Snowmobiling
Cross-country skiing
Downhill skiing
Ice fishing
Ice boating
Ice skating
Dog sledding
Snowshoeing
Tobogganing
Hockey
Curling
Golf
Tennis
Baseball
Football
Soccer
Lacrosse
Volleyball
Basketball
Archery
Rifle range
Trap shooting
Horseback riding
Rodeo
Exhibition
Fair
Historic site
Museum
Picnic
Camping