

- LEGEND
- QUATERNARY**
- 16 Glacial outwash, sand and gravel in marine terraces
- DEVONIAN**
- 15 Pink quartz-feldspar porphyry, green amorphoidal dacite, trachyte, and andesite; 15a, grey medium-grained granite and fine banded rhyolite
 - 14 Medium-grained dark green diorite, diabase, and gabbro
 - 13 BELLEORAM STOCK, medium-grained grey to pink granite, closely jointed and containing numerous small dark inclusions; 13a, fine-grained pink to orange tonalite; mass of granite or possibly meta-sedimentary rocks of Long Harbour Group
 - 12 GREAT BAY DE L'EAU FORMATION, mainly purple conglomerate with quartzite and red sandstone, calcareous, includes red to pink and buff conglomerate with prominent limestone boulders, and a basic conglomerate with granite boulders
 - 11 ACKLEY BATHOLITH, medium- to coarse-grained pink biotite granite and diorite
- DEVONIAN OR EARLIER (?)**
- 10 Mafic sills, dykes, and plugs; 10a, dark green medium-grained porphyritic and gabbro; 10b, medium-grained diorite and quartz diorite
 - 9 POOLS COVE FORMATION, 9a, red conglomerate with granite, diorite, red sandstone, and quartzite clasts; 9b, pink to orange coarse arkosic sandstone and arkosic pebbly conglomerate; 9c, buff to pale orange boulder conglomerate with granitic, dioritic, red sandstone, limestone, quartzite, and porphyry clasts; locally includes arkosic sandstone and arkosic pebbly conglomerate
 - 8 CING ISLES FORMATION, red micaceous sandstone, pink and grey quartz pebbly conglomerate, red shale, and grey to pink micritic limestone
- ORDOVICIAN OR EARLIER (?)**
- 7 CARBON HILLS GNEISS, foliated biotite granitic gneiss, foliated pink biotite granite, muscovite granitic gneiss, melanite, and amphibolite
 - 6 SIMMONS BROOK BATHOLITH, medium- to coarse-grained, altered grey to pink granite and granodiorite, fine- to medium-grained diorite and quartz diorite; 6a, mainly dioritic, granodioritic, and granitic rocks with dark mafic inclusions; 6b, pink to greenish altered hornblende-biotite granite, probably equivalent to Long Harbour Group
- CAMBRIAN AND LATE PRECAMBRIAN (?)**
- 5 YOUNGERS COVE GROUP, grey micaceous siltstone, shale, sandstone, and argillite; locally includes red and purple argillite; 5a, fine-grained dark grey hornfels
- LATE PRECAMBRIAN (HADSPYNIAN)**
- 4 BELCONTE FORMATION, 4a, cross-bedded purple sandstone, pebbly conglomerate, red argillite, and minor grey sandstone and argillite; 4b, red micaceous sandstone, siltstone, and argillite; 4c, mainly grey sandstone, siltstone, and argillite; 4d, fine-grained dark grey hornfels
 - 3 MOORING COVE FORMATION, 3a, pink fine-banded rhyolite, rhyolite tuff and agglomerate; 3b, dark green to purple amorphoidal basalt; 3c, purple and red cross-bedded sandstone, grey shale and sandstone; 3d, unsorted sedimentary and volcanic rocks
 - 2 ANDERSONS COVE FORMATION, grey slate, siltstone, sandstone; 2a, purple tuffaceous sandstone, pebbly conglomerate, and agglomerate at base of formation; 2b, minor rhyolite; 2c, grey to green tuffaceous sandstone and pebbly conglomerate
 - 1 BELLE BAY FORMATION, 1a, pink fine-banded rhyolite, pink to purple massive rhyolite, purple pebbly rhyolite, amphibolite, rhyolite, rhyolite tuff and agglomerate, includes minor intermediate to mafic volcanic rocks and tuffaceous sedimentary rocks; 1b, purple to green and black amorphoidal basalt, green andesite, minor alkalic volcanic rocks; 1c, rhyolite-pebbly conglomerate, red to purple sandstone, and argillite; 1d, hard, fine-grained dark grey hornfels in aureole of Ackley Batholith and Belleoram Stock, chiefly derived from mafic volcanic rocks, to schistose porphyritic tuff and agglomerate, probably equivalent to Belle Bay Tuff

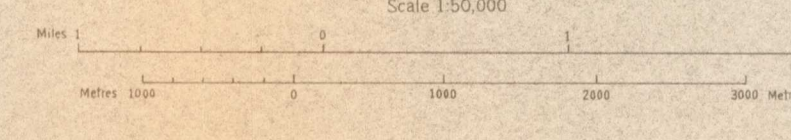
Geological boundary defined, approximate, assumed.
 Fault (distinct, assumed)
 Fault (dip, known, relative movement known)
 Fault (dip, known, relative movement known)
 Folding, top surface inclined, vertical, overturned
 Folding, top surface inclined, vertical
 Structural axis (arrow indicates plunge)
 Anticlinal axis (arrow indicates plunge)
 Lineation, bedding-cleavage intersection
 Cleavage (inclined, vertical)
 Glacial strike, direction of ice movement known
 Yield locality
 Isotope age (11 and 36 - in detail; muscovite in sedimentary rocks; 513 - whole rock Rb/Sr; biotite hornfels; 515 m)
 Mineral occurrence
 Gravel road

MINERALS

Mo - monazite
 Ca - chalcovite
 Pb - galena
 Fl - fluorite

Geology by H. Williams

GEOLOGY
BELLEORAM
 NEWFOUNDLAND



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 41
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 GEOLOGICAL SURVEY
 OTTAWA

6b
 15
 10
 20
 6b