



A T L A

O C E

**LEGEND**

**EARLY JURASSIC**  
 Jd Shelburne Dyke, diabase

**DEVONIAN-CARBONIFEROUS**  
 DCg Port Joli Pluton:  
 1 coarse grained biotite (minor muscovite) tonalite (mafic) - granodiorite-monzogranite (mesocratic)  
 2 coarse grained trondhjemite with biotite schlieren  
 3 medium grained biotite-muscovite leucocratic monzogranite - rounded inclusions within Unit 4  
 4 medium grained biotite-muscovite mesocratic granodiorite-monzogranite  
 5 fine grained biotite-muscovite mafic granitoid breccia, clasts in the breccia include fragments of Meguma metasedimentary rocks, quartz lenses and tonalite  
 6 pegmatite with associated apatite and medium grained leucocratic granitoids  
 7 fine grained biotite (minor muscovite) mesocratic to mafic granodiorite-monzogranite + tonalite (+ quartz diorite)  
 8 fine to medium grained leucocratic monzogranite to biotite-muscovite leucocratic monzogranite  
 9 fine grained garnet-bearing apatite with associated pegmatites  
 10 lamprophyre

**CAMBRO-ORDOVICIAN**  
 COH Halifax Formation: grey black cordierite slate, andalusite-staurolite + cordierite-granofels or schist interbedded with psammite  
 COMI Green Bay Formation; Moshers Island member; cotulites interbedded with biotite-garnet, cordierite-garnet, staurolite-andalusite and cordierite-andalusite schists.  
 COWD Green Bay Formation; West Dublin member; biotite-garnet, cordierite-garnet, andalusite-staurolite and staurolite-cordierite-andalusite schists interbedded with psammite  
 COG Goldenville Formation; thickly bedded psammite, psammite with semi-pelitic schist, COGc, COGc, minor conglomerate.

**SYMBOLS**

Outcrop, area of outcrop . . . . . X

Contact (defined, approximate, inferred) . . . . .

Bedding (tops known, unknown, overturned) . . . . .

Foliation . . . . .

Fault (inferred) . . . . .

Anticline (approximate, inferred) . . . . .

Syncline (approximate, inferred) . . . . .

Geology by Tracy Hope and Stephanie Woodend 1985

**Geological Map  
 of the  
 Port Mouton - Lockeport Area ,  
 Nova Scotia**

Scale 1:50 000 - Echelle 1/50 000

Universal Transverse Mercator Projection  
 Projection transversale universelle de Mercator  
 © Crown Copyrights reserved © Droits de la Couronne réservés

OPEN FILE  
 DOSSIER PUBLIC  
 1372  
 GEOLOGICAL SURVEY OF CANADA  
 COMMISSION GÉOLOGIQUE DU CANADA  
 OTTAWA  
 1986

Contribution to Canada-Nova Scotia Mineral Development Agreement 1984-89, a subsidiary agreement under the Economic and Regional Development Agreement. Project funded by the Geological Survey of Canada.

Department of  
 Mines and Energy

Energy, Mines and  
 Resources Canada

Canada