



**LEGEND**

**EARLY JURASSIC**  
 Jd Shelburne Dyke, diabase

**DEVON-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 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 schists, interbedded with psammite  
 COMI Green Bay Formation, Mosher's Island member; 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 semipelitic schist, COGc, COGc, minor conglomerate.

**SYMBOLS**  
 Outcrop, area of outcrop . . . . . X  
 Contact (defined, approximate, inferred) . . . . .  
 Bedding (top 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 - Échelle 1/50 000

United Nations World Map Program  
 Projection: Transverse Mercator  
 Datum: NAD 83  
 Spheroid: GRS 80  
 Datum: NAD 83  
 Projection: Transverse Mercator  
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Figure 2 of Open File 1768

**OPEN FILE DOSSIER PUBLIC 1768**

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