

LEGEND

STRATIFIED ROCKS

FUNDY GROUP:
 North Mountain Formation (N.M.): basalt
 Blomidon Formation (B.): orange mudstone and siltstone
 Wolfville Formation (W.): reddish sandstone, conglomerate, minor siltstone sandstone
 Unidentified? Triassic (T.): red sandstone

UNIDENTIFIED PICTOU GROUP (L.C.P.): reddish mudstone, sandstone and minor conglomerate, minor grey mudstone and sandstone, thin coals

CUMBERLAND GROUP:
 Upper fine facies (L.C.C.): reddish siltstone and sandstone, minor grey sandstone
 Upper coarse facies (L.C.C.): reddish conglomerate, red and grey sandstone
 Middle fine facies (L.C.C.): grey-green mudstone and sandstone, red mudstone, minor conglomerate, thin coals
 Lower fine facies (L.C.C.): grey sandstone, grey to black mudstone, grey siltstone, thick coals, minor red mudstone, conglomerate and thin limestone
 Lower coarse facies (L.C.C.): red and grey conglomerate, minor grey sandstone

RIVERSDALE GROUP:
 Unidentified (L.C.): red and grey sandstone, mudstone, conglomerate, minor coal
 Paradise Formation (L.C.P.): red to grey sandstone, mudstone and conglomerate
 Base Point Formation (L.C.P.): grey to red sandstone, mudstone, minor coal
 Claremont Formation (L.C.): reddish conglomerate, minor sandstone and mudstone

CANSO GROUP:
 Unidentified (C.): red to green sandstone, siltstone, mudstone
 Middleborough Formation (C.): red sandstone and mudstone
 Lonsdale Formation (C.): greenish sandstone, siltstone, purple mudstone and siltstone
 West Bay Formation (C.): red and green sandstone, red conglomerate

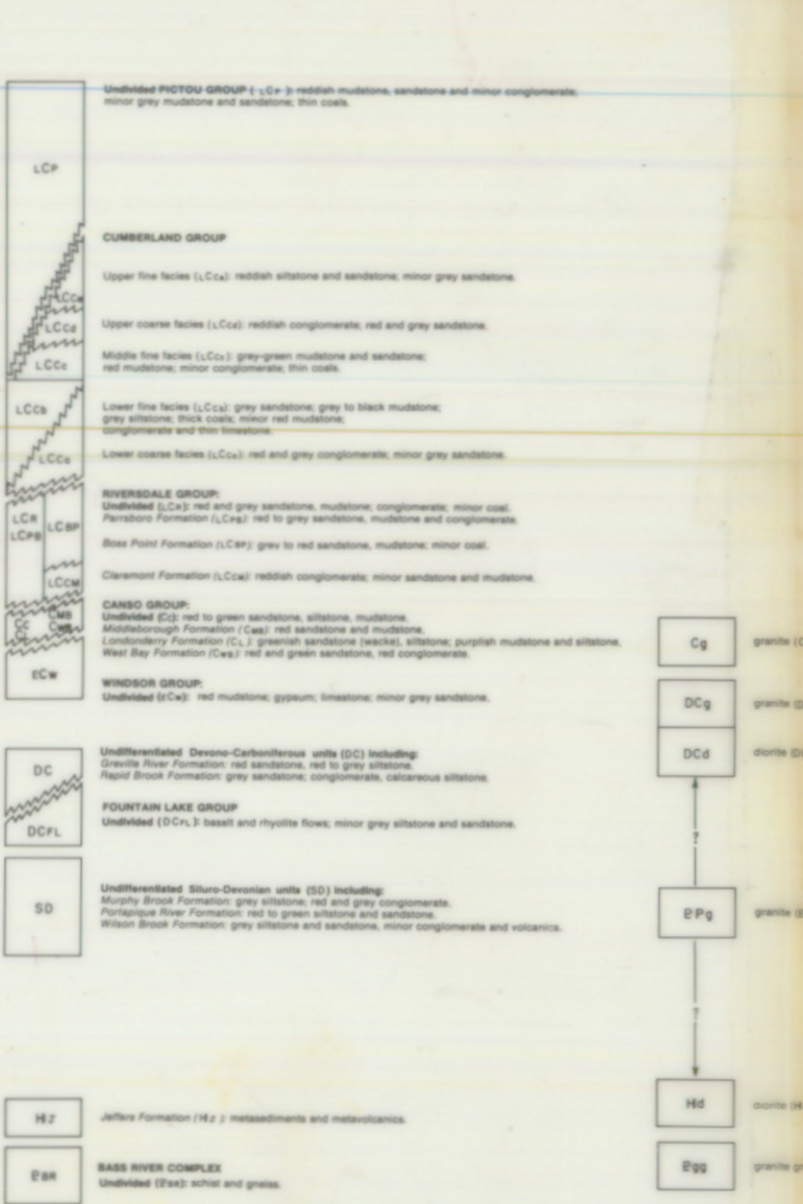
WINDSOR GROUP:
 Unidentified (W.): red mudstone, gypstone, limestone, minor grey sandstone

UNDIFFERENTIATED DEVON-CARBONIFEROUS UNITS (DC) INCLUDING:
 Granite River Formation: red sandstone, red to grey siltstone
 Rapid Brook Formation: grey sandstone, conglomerate, calcareous siltstone
 Fountain Lake Group: Unidentified (DC): basalt and rhyolite flows, minor grey siltstone and sandstone

UNDIFFERENTIATED SHIRE-DEVONIAN UNITS (SD) INCLUDING:
 Murphy Brook Formation: grey siltstone, red and grey conglomerate
 Portage River Formation: red to green siltstone and sandstone
 Wilson Brook Formation: grey siltstone and sandstone, minor conglomerate and volcanic

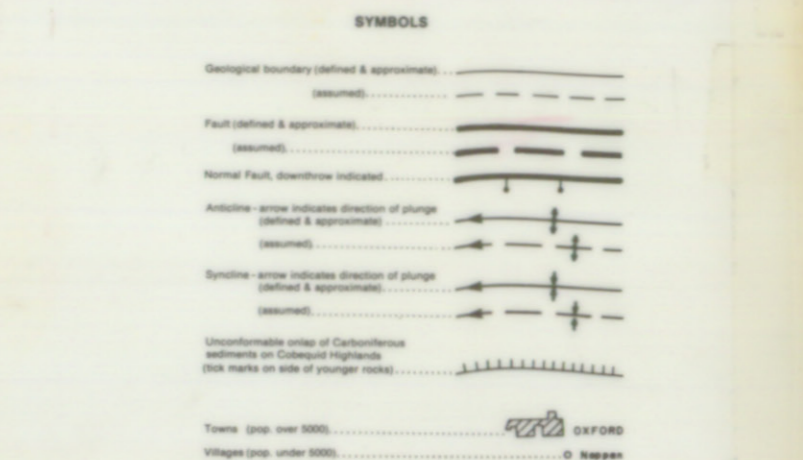
INTRUSIVE ROCKS

Cg granite (Cg)
DCg granite (DCg)
DCd granite (DCd)
EPg granite (EPg)
Hd diorite (Hd)
Egg granite gneiss (Egg)



NOTE: "Conglomerate" refers to extraformational conglomerate, intraformational conglomerate, i.e. sandstone containing mud rip-up clasts, is referred to as "sandstone".

(After Macquieff, 1972; Bess and Howe, 1974; and Donohoe and Wallace, 1980.)



NOVA SCOTIA DEPARTMENT OF MINES & ENERGY

PRELIMINARY
 GEOLOGICAL MAP
 of the
 CUMBERLAND COAL BASIN

Geology by: Bell, 1936; Shaw, 1951;
 Copeland, 1959; Van De Pelt,
 1973; McLeod & Ruitenburg,
 1978; Donohoe & Wallace,
 1980; Chowdry, 1982;
 Calder & Somers, 1982

June, 1982

Compiled by J. H. Calder

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 km