



60°00'00"
 46°02'32"

59°40'00"
 46°02'32"

60°15'00"
 46°00'00"

46°00'00"

45°45'00"
 60°00'20"

NOTES TO LEGEND

Locally evidence for younging direction was found, and insofar as possible, this has been used in listing the sequence of lithological units. However, in general, stratigraphic sequence is not certain.

Lithic tuffs generally contain lapilli-sized fragments, and hence could also be termed lapilli tuffs.

Lithologies are generally listed in order of decreasing abundance. However, in keeping with common practice in igneous petrology, modifiers to rock names are listed in order of increasing abundance (e.g. a lithic-crystal tuff contains more crystal than lithic fragments).

SYMBOLS

- x x x x Rock outcrop, area of outcrop
- o Float/possible outcrop
- Geological boundary (defined, approximate, assumed)
- - - Fault (defined, approximate, assumed)
- 27/ Bedding (inclined, vertical) - tops unknown
- 35/86 Bedding (inclined, vertical, overturned) - tops known
- Y Younging direction
- 70/ Foliation (inclined, vertical)
- 15/70 Cataclastic foliation (inclined, vertical)
- Flow foliation (inclined, vertical)
- 42 Lineation
- 57 Axis of minor fold
- X Mineral prospect
- * Mineral occurrence

- Cu Copper
- Mo Molybdenum
- Pb Lead
- Zn Zinc
- Ag Silver
- Bi Bismuth
- Py Pyrite

LEGEND

- CARBONIFEROUS**
- C Undivided basal breccia, sandstone, limestone, conglomerate
- DEVONO-CARBONIFEROUS**
- DC Undivided sedimentary rocks of the L'Ardoise block
- EARLY TO MIDDLE CAMBRIAN**
- Cs1 Grey to black slate, slaty siltstone, wacke
- Cqz Grey quartzite, quartzitic conglomerate
- LATE HADRYNIAN - EARLY CAMBRIAN(?)**
- HCrB Red siltstone, sandstone, conglomeratic wacke, conglomerate
- LATE HADRYNIAN TO EARLY CAMBRIAN(?)**
- MAIN A DIEU SEQUENCE (not necessarily in stratigraphic sequence)**
- HCMD13 Maroon lapilli tuff/conglomerate
- HCMD12 Varied heterolithic lapilli tuff (commonly maroon to red and green), basalt and basaltic lapilli tuff
- HCMD11 Black to dark grey, siliceous crystal-lithic tuff (magnetite-rich)
- HCMD10 Fine-grained dacitic to rhyolitic tuff, dacitic lapilli tuff/conglomerate, minor fine-grained laminated siltstone
- HCMD9 Grey-green laminated siltstone; minor wacke; minor basalt
- HCMD8 Varied maroon to buff-coloured rhyolitic lithic tuff
- HCMD7 Volcanogenic conglomerate; buff to green and maroon laminated siltstone; basalt
- MD7B = basalt flows
- HCMD6 Maroon to green conglomerate and siltstone; lapilli tuff/conglomerate
- HCMD5 Mafic to intermediate lapilli tuff/conglomerate; thin amygdaloidal basalt flows; maroon siltstone
- HCMD4 Varied rhyolitic tuffs and flows(?); minor maroon siltstone
- HCMD3 Intermediate to felsic lapilli tuff/conglomerate
- HCMD2 Amygdaloidal basalt and basaltic lapilli tuff; maroon siltstone
- HCMD1 Grey-green siliceous laminated siltstone (commonly displaying evidence of slumping); lapilli tuff/conglomerate; abundant dacitic porphyry sills
- MD1a = intermediate coarse lapilli tuff
- MD1b = felsic coarse lapilli tuff
- LATE HADRYNIAN**
- STIRLING BELT (not necessarily in stratigraphic sequence)**
- HSB11 Quartz-calcite schist and marble
- HSB10 Felsic to intermediate lithic tuff
- HSB9 Basaltic-andesitic-dacitic lithic breccia (pyroclastic flows)
- HSB8 Basalt-andesite and minor dacite(?) flows(?)
- HSB7 Conglomeratic volcanic wacke, minor fine-grained wacke and intermediate tuff
- HSB6 Intermediate lithic lapilli tuff and breccia; fine-grained intermediate and mafic (chlorite-rich) tuffs and minor intermediate to felsic crystal-lithic tuffs
- HSB5 Volcanic wacke, laminated siltstone, quartzitic wacke, minor conglomerate (cg)
- HSB4 Basalt-andesite (autobreccia flows) and mafic-lithic tuff
- HSB3 Quartz-feldspar crystal tuff
- HSB2 Quartz-feldspar crystal-lithic tuff
- HSB1 Rhyodacitic quartz-feldspar porphyry
- COASTAL BELT (not necessarily in stratigraphic sequence)**
- HCB14 Basaltic lapilli tuff and breccia, basaltic flows (locally amygdaloidal), minor metawacke
- HCB13 Grey-green intermediate crystal tuff, lithic-crystal tuff
- HCB12 Dark grey to black fine-grained massive andesitic tuffs and flows, basaltic tuffs and flows (locally amygdaloidal), black dacitic crystal tuff, minor metawacke and metasilstone
- HCB11 Fine-grained, black to grey andesitic tuffs and flows(?)
- HCB10 Grey to dark grey dacitic crystal tuff, lithic-crystal tuff
- HCB9 Intermediate to felsic lithic-crystal tuff with fine-grained siliceous tuff bands and minor rhyolitic flows
- HCB8 Grey-green dacitic to andesitic crystal-lithic tuff
- CBB = basaltic lenses
- HCB7 Rhyodacitic quartz-feldspar crystal tuff
- HCB6 Grey intermediate fine-grained tuff and crystal tuff
- HCB5 Basaltic/andesitic lithic tuff
- HCB4 Grey intermediate lithic-crystal tuff
- HCB3 Grey, green, and purple lithic tuff and fine-grained slaty tuff, minor basaltic to andesitic flows(?)
- HCB2 Dacitic to rhyolitic crystal-lithic tuff
- HCB1 Dacitic to andesitic lithic tuff and lithic-crystal tuff, fine-grained intermediate tuff, minor basaltic to dacitic flows(?)
- INTRUSIVE ROCKS**
- DEVONIAN**
- DgrDC Deep Cove Pluton: porphyritic granite
- LATE HADRYNIAN - DEVONIAN**
- HDdMB Miller Brook monzodiorite and similar intrusions
- HDpSR Salmon River Rhyolite Porphyry
- HDgKC Kennington Cove pluton: granodiorite
- gd = other granodiorite plutons
- HDgrBG Belfrey Gut pluton: granite
- HD1GR Grand River pluton: leucotonalite
- HDgLSE Lower St. Esprit granite
- HDgbB Baleine Gabbro
- gb = other gabbro plutons
- HDfp Felsic (rhyodacite) porphyry
- HDmp Mafic porphyry
- HDdi Diorite
- LATE HADRYNIAN - CAMBRIAN**
- Chisholm Brook Suite:
- HCgdCB granodiorite
- HCqgCB quartz monzodiorite
- HCdCB diorite
- HC1gco Capelin Cove Pluton: leucogranite
- lg = other leucogranite plutons
- (in addition, mafic and felsic sills and dykes are common in most map units)

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