

- STRATIFIED AND HIGH-LEVEL PLUTONIC ROCKS
- PLEISTOCENE AND RECENT
- 22 Unconsolidated alluvial, fluvial, and glacial deposits
- PLIOCENE TO RECENT
- 21 GARIBALDI GROUP: Basalt to rhyodacite flows and pyroclastics, minor intercalated sediments; 21a, olivine basalt flows of Pleistocene age
- MIOCENE OR YOUNGER(?)
- 20 Rhyolite and dacite breccia, tuff, and flows, minor sediments; 20a, andesitic volcanic breccia and conglomerate, lesser basalt; 20b, REMMOUNT PORPHYRY: dacitic porphyry (intrusive equivalent of 20?)
- MIOCENE
- 19 Quartz monzonite, minor granite; 19a, miarolitic granodiorite and syenodiorite
 - 18 Basalt flows; minor dacite
- MIOCENE(?) AND OLDER(?)
- 17 Andesitic to basaltic flows and breccia, minor dacite; 17a, basalt flows with interbedded conglomerate and siltstone
- EOCENE(?)
- 16 Shale, siltstone, sandstone, arkose, and conglomerate
 - 15 Miarolitic granite; 15a, dacitic volcanics and porphyries (possibly equivalent to 19a?)
- MID TO UPPER CRETACEOUS
- 14 KINGSVALE GROUP: 14a, arkose, greywacke, shale, minor conglomerate; 14b, andesitic flows and pyroclastics
- LOWER CRETACEOUS
- 13 TAYLOR CREEK GROUP: Chert-pebble conglomerate, black limy shale, green tuff, volcanic breccia, andesite and basalt
 - 12 JACKASS MOUNTAIN GROUP: 12a, interbedded carbonaceous argillite and greywacke, minor conglomerate and coal; 12b, greywacke, pebble conglomerate, argillite and gritty sandstone; 12c, argillite, conglomerate, and greywacke; 12d, massive greenish greywacke, argillite, gritty sandstone and pebble conglomerate
 - 11 GAMBIER GROUP: Andesitic to dacitic tuff, breccia, agglomerate; andesite, argillite, conglomerate, lesser marble, greenstone, and phyllite
 - 10 FIRE LAKE GROUP: Greenstone, chlorite schist, conglomerate, andesite, greywacke
- UPPER JURASSIC AND LOWER CRETACEOUS
- 9 RELAY MOUNTAIN GROUP: Greywacke, siltstone, argillite
- UPPER TRIASSIC TO MIDDLE JURASSIC
- 8 TYAUGHTON GROUP: Shale, siltstone, greywacke
- UPPER TRIASSIC
- 7 CADWALLADER GROUP (undivided; includes Hurley, Pioneer and Noel strata, may include older and younger rocks): andesitic breccia, tuff, and flows, greenstone; lesser slate, argillite, phyllite, conglomerate, limestone, rhyolitic breccia and flows
 - 6 HURLEY FORMATION: Thin-bedded argillite, phyllite, limestone, tuff, conglomerate, andesite, minor chert
 - 5 PIONEER FORMATION: Greenstone, andesitic to basaltic flows and pyroclastics; 5a, BRALORNE INTRUSIONS (in part): augite diorite, gabbro, greenstone (intrusive and dioritized equivalents of 5)
 - 4 NOEL FORMATION: Thin-bedded argillite, chert, conglomerate and greenstone

- TRIASSIC AND JURASSIC AND OLDER(?)
- ub Ultramafic rocks: Serpentine, harzburgite, peridotite, diorite
 - 3 BRIDGE RIVER (FERGUSON) GROUP: Greenstone, basalt, chert, argillite, phyllite; minor limestone, serpentine, and serpentinized peridotite; 3a, more metamorphosed equivalents of 3, mainly biotite schist
- PALEOZOIC(?)
- 2 Metasedimentary rocks, mainly micaceous quartzite, biotite-hornblende schist; minor garnet and staurolite schist; 2a, hornblende-biotite-garnet schist, amphibolite, quartz diorite, garnet-cordierite gneiss, and migmatite
 - 1 Granitoid gneiss, migmatite complexes, amphibolite, quartz diorite, and schist
- PLUTONIC ROCKS (mostly of unknown age)
- qm Quartz monzonite
 - gd Granodiorite
 - qd Quartz diorite
 - di Diorite; dioritic complexes containing diorite, quartz diorite, amphibolite, greenstone, and dyke swarms
 - go Gabbro
- MAP SYMBOLS
- Geological boundary (defined, approximate, assumed) ———
 - Bedding (horizontal, inclined, vertical) / / / +
 - Foliation, schistosity (inclined, vertical, dip unknown, absent) / / / x
 - Fault (defined, approximate, assumed) - - - - -
 - Fossil locality @
- Radiometric ages
- Age in millions of years
 - System: k=potassium-argon, u=uranium-lead
 - Minerals: b=biotite, h=hornblende, m= muscovite, w=whole rock, z=zircon
 - Laboratory: (u)=U.B.C. All others are G.S.C.
 - ◆ Whole-rock K-Ar age determination (age given in years) for Garibaldi Group rocks. Data from N.L. Green (Ph.D. thesis in preparation) and Anderson (1975)
- GEOLOGY BY
- J.A. Roddick and G.J. Woodsworth (1970, 1974), W.W. Hutchison (1970), and from earlier reports (see references)
- ADDITIONAL DATA FROM
- J.A. Jeletzky (Camelsfoot Range), H.W. Tipper (Gun Creek), and N.L. Green (Cheakamus River area).
- COMPILED BY
- G.J. Woodsworth (1977)

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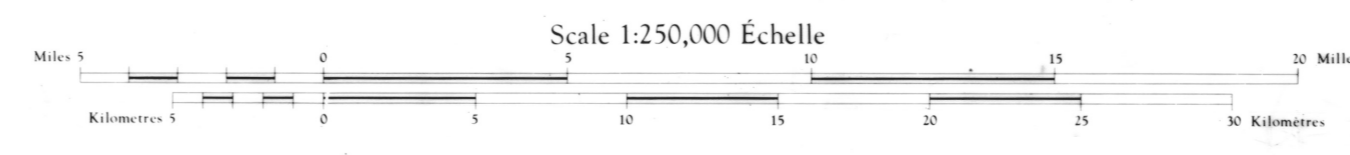
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GEOLOGY
PEMBERTON (92J) MAP-AREA



O.F. 482