

Mount Meager Volcanic Complex Undivided Geology and Basement Contact Map

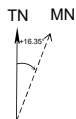


British Columbia

Scale 1: 120,000



0 1 2 4 6 8 Kilometers



Universal Transverse Mercator Projection
Zone 10U
North American Datum 1983

Limit of Mapping ○○○○○○
Contacts: *Observed*, *Approximate*, *Inferred* — — — — — ? — ? —
Upper Lillooet Provincial Park Boundary - - - - -

2010 Landslide (2010)

QaL Undivided Sediment (Quaternary) - Alluvium, colluvium, landslide, and glacial deposits

PcF Pebble Creek Formation (2360 BP) - Rhyodacite flows, block and ash, and tephra deposits

MuV MMVC Undivided Volcanics (Pleistocene) - Rhyodacite to basalt, lava flows, breccias, and tuffs

MuB MMVC Undivided Basement (Triassic to Tertiary) - Coastal Plutonic Complex intrusions and metasedimentary units

References

Harris, M., Muhammad, M., Williams Jones, G., and Russell, J.K., 2020, Bedrock Mapping for Mount Meager Geothermal Research Initiative, Garibaldi Geothermal Energy Project, Mount Meager 2019 - Field Report: Geoscience BC, 2, 1-29.

Read, P.B., 1977, Meager Creek Volcanic Complex, southwestern British Columbia: Geological Survey of Canada, 77-1A, 277-281, doi: 10.4095/102701.

Read, P.B., 1979, Geology of Meager Creek Geothermal Area, British Columbia: Geological Survey of Canada Open-File 603, 1 sheet, doi:10.4095/129507.

Read, P., 1990, Mt Meager Complex, Garibaldi Belt, Southwestern BC.: Geoscience Canada, 17, 167-170.

Roberti, G., 2019, Mount Meager , a glaciated volcano in a changing cryosphere : hazards and risk challenges (Doctoral Dissertation). British Columbia, Canada: Simon Fraser University.

Stewart, M.L., Russell, J.K., and Hickson, C.J., 2008, Geology, Pebble Creek formation, British Columbia: Geological Survey of Canada, Open File 5533, 1 sheet, doi:10.4095/225582.

Wilson, A.M, 2019, Glaciovolcanism in the Garibaldi volcanic belt (Doctoral dissertation). British Columbia, Canada: University of British Columbia

Woodsworth, G., 1977, Geology of Pemberton (92J) Map Area: Geological Survey of Canada, p. 1 sheet, doi:10.4095/129282.

GIS Open Files:
603: Geology, Meager Creek Geothermal Area, British Columbia

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