

Geological Map of Western Mount Meager Volcanic Complex

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GIS files

The digital shapefiles *W_MMVC_unit_polygons_defined.shp* and *W_MMVC_contacts_polylines_confidence.shp* are products of combining geological maps files from a few sources, namely:

1. Open File 603: *of_603_MapUnits.shp* AND *of_603_Contacts.shp*
2. Yuliana Proenza Meng Project: *MMVC_MapUnits_OF503_NAD83.shp*

As well as visual inspection of GSC published maps:

1. Open file 482: Geology of Pemberton Map Area (92J) – Woodsworth, G, 1977

W_MMVC_unit_polygons_defined.shp reflect the prior mapping of MMVC bedrock lithologies as well as my personal mapping done over the summers of 2019-2020. The unit polygons have been attributed a “Map_Unit” as one of Read (1979) lithologies: IKGv, Mgd, Ps-10f, Ps-10x, Ps-3f, Ps-3x, Ps-6i, Qal, Till, uTrcc, or uTrcsb, or one of my newly identified units: DCcjL or Hpa.

Undiv_unit_contacts_confidence.shp reflect the confidence of unit contacts from prior mapping files listed above and from my own personal investigation of unit contacts throughout the West MMVC. Unit contacts are attributed a ‘Confidence’ of either: Known, Approximate, Inferred, or Limit of Map.

A full list of references used in the generation of this map are found below:

Read, P., 1979, Meager Creek Geothermal Area: , p. 1 Sheet, doi:10.4095/129507.

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

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