

Geological Map of Lillooet Ridge

Author: Martin Harris

Contact: mharris@eoas.ubc.ca

GIS files

The digital shapefiles *NLillooet_ridge_unit_polygons_defined.shp* and *NLillooet_ridge_contacts_polylines_confidence.shp* are products of my own personal mapping with no previous GIS map files used. I did refer to prior maps of Read (1979) OF603 and Woodsworth (1977) OF482 for their identification of lithologies along the Lillooet river and ridge above.

NLillooet_ridge_unit_polygons_defined.shp reflect 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: Qal, Mqm, Mgd, Mqd, uTrcc, or uTrcsb, or one of my newly identified units: NLmpB, NLmtB, NLbjL, NLpL, NLcjL, NLhcL, NLvjL, NLmcB, NLijL, NLbcL, 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 North Lillooet Ridge area. 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.