

Note: legend contains geological information for the map extent and not the surrounding area.

MINERAL OCCURRENCE

- ★ Deposit
- ☆ Historic Deposit
- Significant exploration project

LOWER TERTIARY, MOSTLY(?) EOCENE

- ITR4: ROSS: quartz-feldspar porphyry and rhyolite

MID-CRETACEOUS

- mKdT: TOMBSTONE SUITE: diorite, gabbro
- mKyT: TOMBSTONE SUITE: Bt-Hbl-Cpx syenite, quartz syenite

JURASSIC

- JB1: 'LOWER SCHIST': dark grey argillite, slate, and phyllite, commonly graphitic

MIDDLE TO UPPER TRIASSIC

- TrJ1: JONES LAKE: calcareous siltstone, shale, and fine sandstone

TRIASSIC

- TrG: GALENA SUITE: Hbl diorite and gabbro sills

LOWER AND MIDDLE PERMIAN

- PJC1: JUNGLE CREEK: chert pebble conglomerate, sandstone and shale

CARBONIFEROUS TO PERMIAN

- CPMC: MOUNT CHRISTIE: burrowed, interbedded greenish grey cherty shale and green shale

CARBONIFEROUS

- CT2: TSICHU/KENO HILL: black to silvery shale or carbonaceous phyllite
- CT1: TSICHU/KENO HILL: massive to thick-bedded quartz arenite

DEVONIAN AND MISSISSIPPIAN

- DME: EARN: black siliceous shale and chert
- DME1: EARN: laminated slate, fine to medium-grained chert-quartz arenite and wacke

LOWER AND MIDDLE DEVONIAN

- DG2: OGILVIE: dark grey and black, fine-grained limestone

ORDOVICIAN TO LOWER DEVONIAN

- ODR: ROAD RIVER - SELWYN: black shale and chert, dolomitic siltstone, calcareous shale, buff platy limestone
- ODR3: SAPPER - SELWYN: blue-grey weathering, black limestone
- ODR2: STEEL - SELWYN: rusty dark green to orange buff weathering argillite and dolomitic siltstone
- ODR1: DUO LAKE/ELMER CREEK - SELWYN: black graptolitic shale and black chert

UPPER CAMBRIAN TO LOWER DEVONIAN

- CDB1: BOUVETTE: grey and buff-weathering dolostone and limestone

CAMBRIAN TO DEVONIAN

- CDR: ROAD RIVER - RICHARDSON: black graptolitic shale, limestone and minor chert (undivided)

CAMBRIAN TO SILURIAN

- CSM: MARMOT: lower Paleozoic mostly mafic volcanic rocks
- CSM9: MENZIE CREEK/DEMPSTER: gabbro, pyroxenite

GEOCHRONOLOGY METHOD

- U/Pb, Zircon
- U/Pb, Other
- ▲ Ar/Ar
- ▲ K/Ar

CSM7: MARMOT: basic lapilli tuff, breccia, flows, sills, and dikes

CSM3: DEMPSTER: mafic volcanic flows, tuff and hyaloclastic breccia

UPPER CAMBRIAN AND ORDOVICIAN

COR2: RABBITKETTLE: thin-bedded, silty limestone and grey lustrous calcareous phyllite

COR1: RABBITKETTLE: thin-bedded, silty limestone and grey lustrous calcareous phyllite

UPPER CAMBRIAN

uCT: TAIGA: light grey limestone, massive dolostone, minor brown and green shale

LOWER AND MIDDLE CAMBRIAN

ImCS1: SLATS CREEK: turbiditic, quartz sandstone with minor shale and siltstone

LOWER CAMBRIAN

ICG3: GULL LAKE: marble, calc-silicate

ICG2: GULL LAKE: mafic metavolcanic and volcanoclastic rocks

ICG1: GULL LAKE: shale, siltstone and mudstone, minor quartz sandstone

NEOPROTEROZOIC TO LOWER CAMBRIAN

PCH7: NARCHILLA: interbedded maroon and apple-green slate, siltstone, sandstone

PCH6: ALGAE: grey weathering, very fine crystalline limestone, locally sandy

PCH5: YUSEZYU: brown to pale green shale, quartz-rich sandstone, grit, pebble conglomerate

NEOPROTEROZOIC

uPH4: MT HARPER/CALLISON LAKE: stromatolitic dolostone, laminated sandstone, siltstone, and shale

uPH2: MT HARPER: massive and pillowed andesitic flows, tuff-breccia, lapilli tuff

uPH1: MT HARPER: orange to dark grey weathering diamiclite

MESO TO NEOPROTEROZOIC

uPF1: FIFTEENMILE/HEMATITE CREEK: black shale with limestone laminates and stromatolite bioherms

uPP3: PINGUICULA: undivided red, green and grey slaty argillite, light grey quartzite, dolostone

uPP2: PINGUICULA: laminated and flasered limestone, laminated dolosiltite

uPP1: PINGUICULA: basal siliciclastic red laminates; brown and grey siltstone and shale

MESOPROTEROZOIC

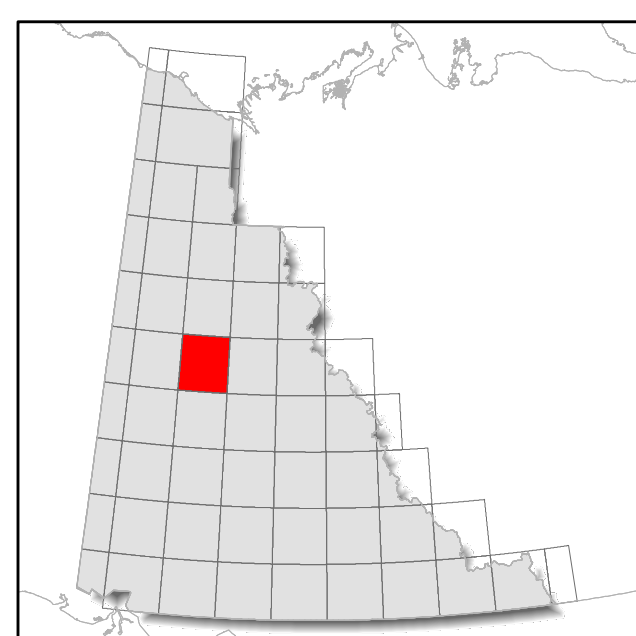
mPH2: HART RIVER: diorite and gabbro sills and dikes

mPH1: HART RIVER: mafic volcanic flows

PALEOPROTEROZOIC

IPG: GILLESPIE LAKE: dolostone and silty dolostone, locally stromatolitic

IPQ: QUARTET: black weathering shale, finely laminated siltstone

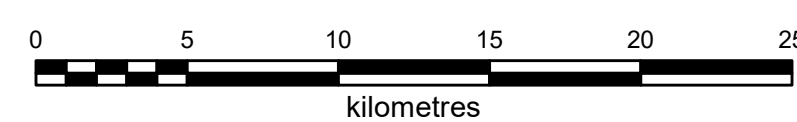


1:250 000-scale base data produced by CENTRE FOR TOPOGRAPHIC INFORMATION, NATURAL RESOURCES CANADA

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30 metre shaded relief from Geomatics Yukon www.geomaticsyukon.ca

BEDROCK GEOLOGY LARSEN CREEK (116A) YUKON



These maps contain the most current bedrock geology information in Yukon. All geological data are from the Yukon Geological Survey and available free of charge. Data are from recent mapping, regional compilations and thesis work.

The geological data used to create these maps can be downloaded at <https://data.geology.gov.yk.ca/Compilation/3>.

These maps are subject to periodic updates. This map was last updated in February 2022.

The Yukon Geological Survey welcomes any revisions or new geological information. Any questions or comments can be directed to geology@gov.yk.ca.