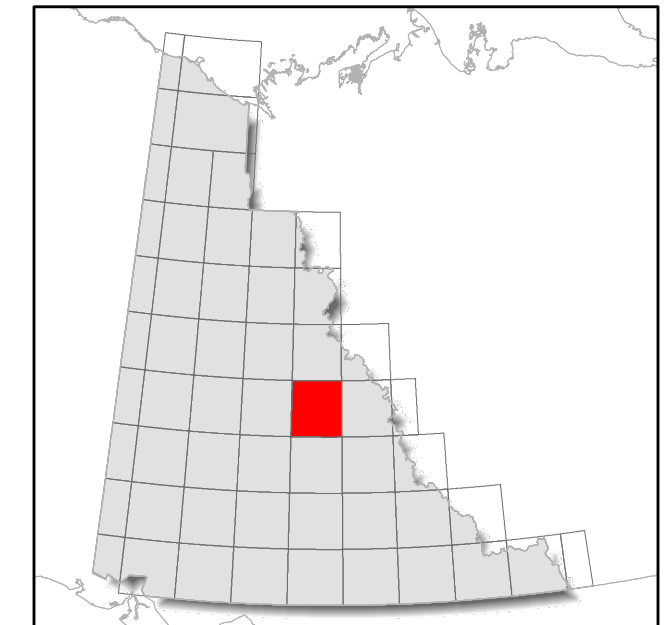


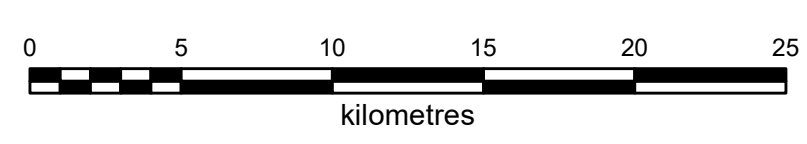
Note: legend contains geological information for the map extent and not the surrounding area.

- MINERAL OCCURRENCE**
- ★ Deposit
 - ☆ Historic Deposit
 - Significant exploration project
- GEOCHRONOLOGY METHOD**
- U/Pb, Zircon
 - U/Pb, Other
 - ▲ Ar/Ar
 - ▲ K/Ar
- MID-CRETACEOUS**
- mKqM: MAYO SUITE: Bt granite, K-feldspar porphyritic granite
 - mKgM: MAYO SUITE: Hbl > Bt (± Cpx) quartz monzonite or monzodiorite
 - mKqTR: TAY RIVER SUITE: Bt ± Hbl (± clinopyroxene) monzogranite
- MIDDLE TO UPPER TRIASSIC**
- TrJ2: JONES LAKE: bioclastic limestone and interbedded sandy or silty limestone
 - TrJ1: JONES LAKE: calcareous siltstone, shale, and fine sandstone
- TRIASSIC**
- TrG: GALENA SUITE: Hbl diorite and gabbro sills
- 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
- MISSISSIPPIAN**
- MT2: KALZAS: dark grey to black fetid limestone
- DEVONIAN AND MISSISSIPPIAN**
- DME: EARN: black siliceous shale and chert
 - DME5: NATION RIVER: olive-grey mudstone, chert-quartz sandstone, chert pebble conglomerate
 - DME3: EARN: felsic to intermediate volcanic flows, tuffs and subvolcanic plug(s)
 - DME2: EARN: silvery blue weathering black shale, argillite, cherty argillite and chert
 - DME1: EARN: laminated slate, fine to medium-grained chert-quartz arenite and wacke
- ORDOVICIAN TO LOWER DEVONIAN**
- ODR: ROAD RIVER - SELWYN: black shale and chert, dolomitic siltstone, calcareous shale, buff platy 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
- CAMBRIAN TO SILURIAN**
- CSM3: DEMPSTER: mafic volcanic flows, tuff and hyaloclastic breccia
- UPPER CAMBRIAN AND ORDOVICIAN**
- COR1: RABBITCREEK: thin-bedded, silty limestone and grey lustrous calcareous phyllite
- LOWER CAMBRIAN**
- ICG: GULL LAKE: undivided - shale, siltstone, sandstone, conglomerate, limestone
 - ICG4: GULL LAKE: conglomerate, quartzite, argillite, brown-weathering sandstone
 - 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**
- uPB: BLUEFLOWER: undivided fine-grained siliciclastic and carbonate rocks, locally conglomerate
 - uPG: GAMETRAIL: yellow/orange weathering dolostone, dolomitic siltstone and limestone



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**BEDROCK GEOLOGY
 LANSING RANGE (105N)
 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.