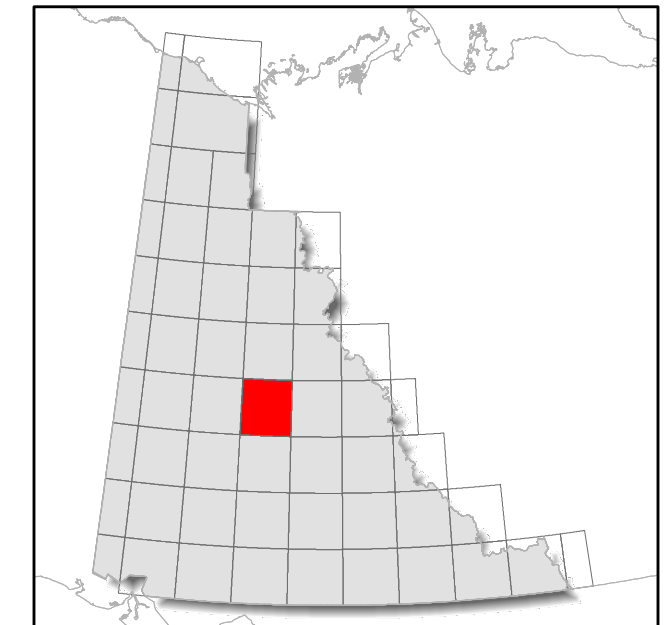


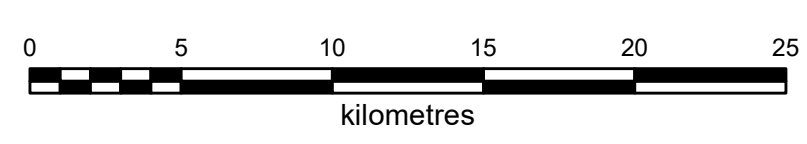
Note: legend contains geological information for the map extent and not the surrounding area.

- | | |
|---|--|
| MINERAL OCCURRENCE | GEOCHRONOLOGY METHOD |
| ★ Deposit | ● U/Pb, Zircon |
| ☆ Historic Deposit | ● U/Pb, Other |
| ■ Significant exploration project | ▲ Ar/Ar |
| | ▲ K/Ar |
| MID-CRETACEOUS | DMF1: FINLAYSON: intermediate to mafic volcanic and volcanoclastic rocks |
| mKqM: MAYO SUITE: Bt granite, K-feldspar porphyritic granite | DEVONIAN AND MISSISSIPPIAN |
| mKqM: MAYO SUITE: Hbl > Bt (± Cpx) quartz monzonite or monzodiorite | DME3: EARN: felsic to intermediate volcanic flows, tuffs and subvolcanic plug(s) |
| mKqW: WHITEHORSE SUITE: Bt quartz monzonite, Bt granite and leucogranite | DME1: EARN: laminated slate, fine to medium-grained chert-quartz arenite and wacke |
| mKqT: TOMBSTONE SUITE: Bt-Hbl clinopyroxene granite | MID-PALEOZOIC? |
| mKyT: TOMBSTONE SUITE: Bt-Hbl-Cpx syenite, quartz syenite | mPN: NOGOLD: buff, maroon and minor green argillite, quartz sandstone and siltstone |
| MIDDLE TO UPPER TRIASSIC | ORDOVICIAN TO LOWER DEVONIAN |
| TJ1: JONES LAKE: calcareous siltstone, shale, and fine sandstone | ODR2: STEEL - SELWYN: rusty dark green to orange buff weathering argillite and dolomitic siltstone |
| TRIASSIC | ODR1: DUO LAKE/ELMER CREEK - SELWYN: black graptolitic shale and black chert |
| TRG: GALENA SUITE: Hbl diorite and gabbro sills | CAMBRIAN TO SILURIAN |
| CARBONIFEROUS TO PERMIAN | CSM9: MENZIE CREEK/DEMPESTER: gabbro, pyroxenite |
| CPMC: MOUNT CHRISTIE: burrowed, interbedded greenish grey cherty shale and green shale | UPPER CAMBRIAN AND ORDOVICIAN |
| CARBONIFEROUS | COR1: RABBITKETTLE: thin-bedded, silty limestone and grey lustrous calcareous phyllite |
| CT4: TSICHU: siliceous calcarenite, dolostone, sandy dolostone and minor grey quartzite | LOWER CAMBRIAN |
| CT2: TSICHU/KENO HILL: black to silvery shale or carbonaceous phyllite | ICG1: GULL LAKE: shale, siltstone and mudstone, minor quartz sandstone |
| CT1: TSICHU/KENO HILL: massive to thick-bedded quartz arenite | NEOPROTEROZOIC TO LOWER CAMBRIAN |
| MISSISSIPPIAN | PCH7: NARCHILLA: interbedded maroon and apple-green slate, siltstone, sandstone |
| MT2: KALZAS: dark grey to black fetid limestone | PCH6: ALGAE: grey weathering, very fine crystalline limestone, locally sandy |
| MgSR: SIMPSON RANGE SUITE: Hbl-bearing metagranodiorite, metadiorite and metanallite | PCH5: YUSEZYU: brown to pale green shale, quartz-rich sandstone, grit, pebble conglomerate |
| DEVONIAN, MISSISSIPPIAN AND(?) OLDER | DMF5: FINLAYSON: light grey to white marble, locally crinoidal |



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**BEDROCK GEOLOGY
 MAYO (105M)
 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.