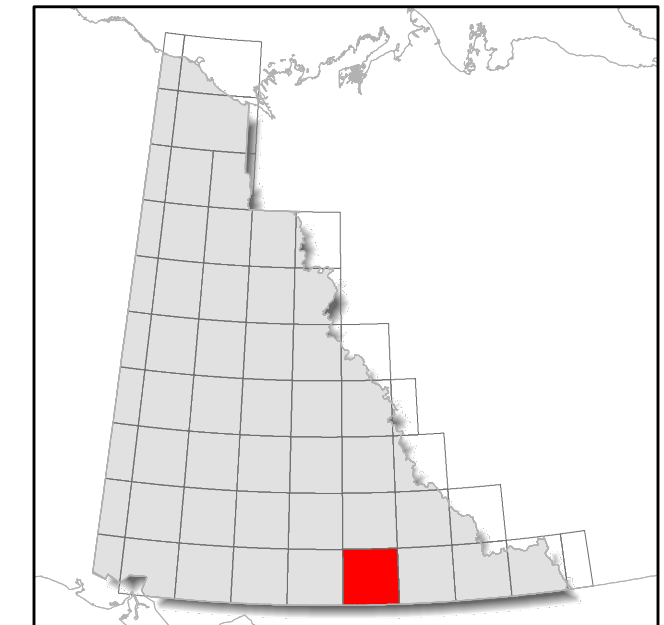


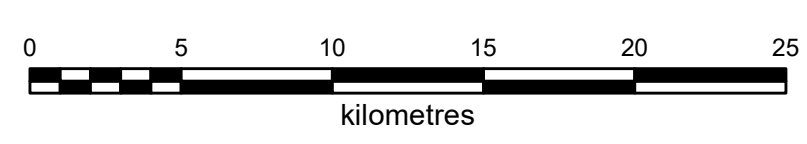
Note: legend contains geological information for the map extent and not the surrounding area.

- MINERAL OCCURRENCE**
- ★ Deposit
 - ☆ Historic Deposit
 - Significant exploration project
- EOCENE**
- EqBR: BLACK RIVER SUITE: K-feldspar-phryic, Bt (± Ms) monzogranite and leucogranite
- LOWER TERTIARY, MOSTLY(?) EOCENE**
- ITR3: ROSS: brown, thin-bedded, claystone, siltstone, shale and coal
 - ITR2: ROSS: rhyolite flows, tuff, ash-flow tuff and breccia
- LATE CRETACEOUS**
- LKqR: RANCHERIA SUITE: Bt granodiorite, tonalite, monzogranite
 - LKqS: RANCHERIA SUITE: Bt-Ms leucogranite and monzogranite
- MID-CRETACEOUS**
- mKqA: ANVIL SUITE: K-feldspar megacrystic, biotite ± muscovite monzogranite
 - mKqC: CASSIAR SUITE: Bt ± Hbl ± titanite-bearing monzogranite to granodiorite
 - mKqD: CASSIAR SUITE: Bt ± Ms monzogranite and leucogranite
 - mKqS: SEAGULL SUITE: Bt (± Ms) leucogranite to monzogranite
- EARLY JURASSIC**
- EJgLk: LOKKEN SUITE: Hbl-Bt-Cpx monzodiorite to granodiorite, local monzonite
 - EJqLk: LOKKEN SUITE: Bt-Hbl quartz monzonite to granite
 - EJjLk: LOKKEN SUITE: gabbro, serpentinite, dunite
- MIDDLE TO UPPER TRIASSIC**
- TrJ2: JONES LAKE: bioclastic limestone and interbedded sandy or silty limestone
 - TrJ1: JONES LAKE: calcareous siltstone, shale, and fine sandstone
- MIDDLE TO LATE PERMIAN**
- PgS: SULPHUR CREEK SUITE: granodiorite and quartz monzonite
 - PqS: SULPHUR CREEK SUITE: variably foliated, K-feldspar augen granite, metaporphry
- CARBONIFEROUS TO PERMIAN**
- CPSM4: SLIDE MOUNTAIN: brown weathering, variably serpentinized ultramafic rocks
 - CPSM3: CAMPBELL RANGE: grey, red and green chert and argillite
 - CPSM2: CAMPBELL RANGE: dark green to black basalt, greenstone, locally pillowed
- CARBONIFEROUS**
- CK4: KLINKIT: red and green chert, exhalite
 - CK3: KLINKIT: arkosic sandstone, basal polymictic metaconglomerate
 - CK2: KLINKIT: limestone, marble, locally fossiliferous
 - CK1: KLINKIT: mafic to intermediate metavolcanic and metavolcanic rocks, minor felsite
- MISSISSIPPIAN**
- MgT: TATLMAIN SUITE: Hbl quartz diorite, tonalite; Hbl-Bt granodiorite
- GEOCHRONOLOGY METHOD**
- U/Pb, Zircon
 - U/Pb, Other
 - ▲ Ar/Ar
 - ▲ K/Ar
- DEVONIAN, MISSISSIPPIAN AND(?) OLDER**
- DMF6: FINLAYSON: ultramafic rocks, serpentinite, metagabbro
 - DMF5: FINLAYSON: light grey to white marble, locally crinoidal
 - DMF4: FINLAYSON: light green to grey, fine-grained siliciclastic and metavolcanic rocks
 - DMF3: FINLAYSON: dark grey to black carbonaceous metasedimentary rocks, metachert
 - DMF2: FINLAYSON: felsic metavolcanic rocks, white quartz-muscovite schist, metaporphry
 - DMF1: FINLAYSON: intermediate to mafic volcanic and volcanoclastic rocks
- LATE DEVONIAN TO MISSISSIPPIAN**
- DyP: PELLY MOUNTAINS SUITE: massive, medium to fine-grained equigranular syenite
- UPPER DEVONIAN TO LOWER MISSISSIPPIAN**
- DMEC1: EARN - CASSIAR: black siliceous slate, quartz-chert greywacke, grit and conglomerate
- MIDDLE SILURIAN TO MIDDLE DEVONIAN**
- SDA2: ASKIN: dolostone, silty and sandy dolostone, limestone
 - SDA1: ASKIN: dolomitic siltstone, dolomitic fine-grained sandstone
- UPPER CAMBRIAN AND ORDOVICIAN**
- COK2: KECHIKA: dark green and maroon amygdaloidal basalt flows and volcanoclastic rocks
 - COK1: KECHIKA: thin-bedded, lustrous, calcareous, grey slate, phyllite, limestone
- LOWER CAMBRIAN**
- ICR: ROSELLA: resistant, thick-bedded to massive, limestone and argillaceous limestone
 - ICB: BOYA: quartz arenite, interbedded argillite, slate, siltstone, phyllite, minor limestone
- NEOPROTEROZOIC AND PALEOZOIC**
- PDS3: SNOWCAP: amphibolite, commonly garnet-bearing; greenstone
 - PDS2: SNOWCAP: light grey to buff weathering marble
 - PDS1: SNOWCAP: quartzite, psammite, pelite and marble; minor greenstone and amphibolite
- NEOPROTEROZOIC TO LOWER CAMBRIAN**
- PCi4: INGENIKA?: thin bedded slate, siltstone, quartzite, minor limestone
 - PCi3: STELKUZ: phyllite, quartzite, minor micaceous metasandstone
 - PCi2: ESPEE: marble, minor dolomite, calc phyllite
 - PCi1: SWANNELL/T SAYDIZ: calcareous sandstone, shale, quartz-eye grit, quartzite



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**BEDROCK GEOLOGY
 WOLF LAKE (105B)
 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.