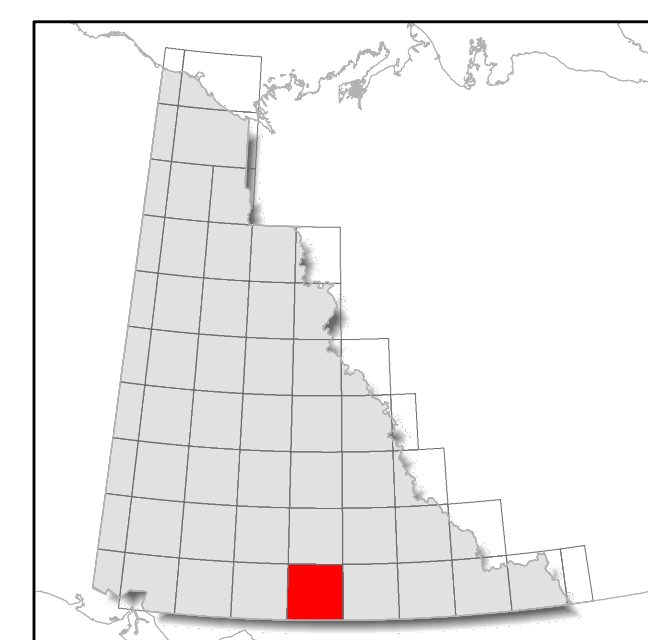


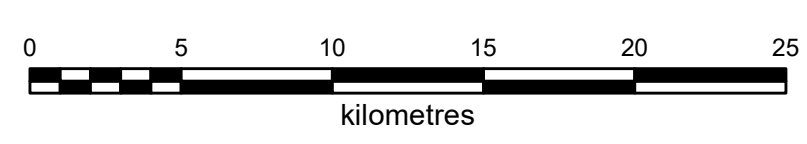
Note: legend contains geological information for the map extent and not the surrounding area.

- MINERAL OCCURRENCE**
- ★ Deposit
 - ☆ Historic Deposit
 - Significant exploration project
- GEOCHRONOLOGY METHOD**
- U/Pb, Zircon
 - U/Pb, Other
 - ▲ Ar/Ar
 - ▲ K/Ar
- LATE CRETACEOUS**
- LKqR: RANCHERIA SUITE: Bt-Ms leucogranite and monzogranite
- MID-CRETACEOUS**
- mKqC: CASSIAR SUITE: Bt ± Hbl ± titanite-bearing monzogranite to granodiorite
 - mKqW: WHITEHORSE SUITE: Bt-Hbl granodiorite, Hbl quartz diorite and Hbl diorite
 - mKqS: SEAGULL SUITE: Bt (± Ms) leucogranite to monzogranite
- EARLY CRETACEOUS**
- EkgT: TESLIN SUITE: Hbl-Bt granite, granodiorite, quartz monzonite, quartz monzodiorite
- UPPER CRETACEOUS**
- uKw: WINDY-TABLE: quartz-phyric dacite flows, ash and lapilli tuff
- MID-JURASSIC**
- MjgB: BRYDE SUITE: Hbl monzodiorite, Hbl-Bt quartz monzodiorite, minor hornblende
- LOWER AND MIDDLE JURASSIC, HETTANGIAN TO BAJOCIAN**
- JL1: RICHTHOFEN: turbiditic sandstone-siltstone-mudstone, conglomerate
- EARLY JURASSIC**
- EjJk: LOKKEN SUITE: Hbl-Bt-Cpx monzodiorite to granodiorite, local monzonite
- MIDDLE TRIASSIC TO LOWER JURASSIC**
- mTrJc: CACHE CREEK: ribbon chert interbedded with shale, siltstone and greywacke
- UPPER TRIASSIC, CARNIAN TO RHAETIAN**
- uTrAK2: HANCOCK: massive to thick-bedded limestone
 - uTrAK1: CASCA: shale, siltstone, calcareous greywacke, argillaceous limestone
- UPPER TRIASSIC TO LOWER JURASSIC?**
- uTrJ3: SHONEKTAW?: dunite, minor pyroxenite
 - uTrJ2: SHONEKTAW?: felsic volcanic/subvolcanic complex near Teslin
 - uTrJ1: SHONEKTAW: augite-bearing sandstone and lesser siltstone and mudstone
- MIDDLE TRIASSIC**
- mTrJ1: JOE MOUNTAIN: massive basalt flows
- MIDDLE TO UPPER TRIASSIC**
- TrJ2: JONES LAKE: bioclastic limestone and interbedded sandy or silty limestone
 - TrJ1: JONES LAKE: calcareous siltstone, shale, and fine sandstone
- CARBONIFEROUS TO JURASSIC**
- CTrC4: KEDAHA: thin-bedded, grey, black, red and brown chert
 - CTrC3: HORSEFEED: massive, finely crystalline, locally crinoidal and fusuline grey limestone
 - CTrC2: NAKINA: andesitic and basaltic spherulitic greenstone
- GEOCHRONOLOGY METHOD**
- CTrC1: NAHLIN: variably tectonized, serpentinized and chloritized ultramafic rocks
- CARBONIFEROUS TO PERMIAN**
- CPSM5: SLIDE MOUNTAIN: medium to coarse-grained gabbro
 - CPSM4: SLIDE MOUNTAIN: brown weathering, variably serpentinized ultramafic rocks
 - CPSM2: CAMPBELL RANGE: dark green to black basalt, greenstone, locally pillowed
- CARBONIFEROUS**
- 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: TATLAIN SUITE: Hbl quartz diorite, tonalite; Hbl-Bt granodiorite
 - MgSR: SIMPSON RANGE SUITE: Hbl-bearing metagranodiorite, metadiorite and metatonalite
- 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
 - DMF1: FINLAYSON: intermediate to mafic volcanic and volcanoclastic rocks
- 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
- UPPER CAMBRIAN AND ORDOVICIAN**
- COK1: KECHIKA: thin-bedded, lustrous, calcareous, grey slate, phyllite, limestone
- LOWER CAMBRIAN**
- ICR: ROSELLA: resistant, thick-bedded to massive, limestone and argillaceous limestone
- NEOPROTEROZOIC AND PALEOZOIC**
- PDS5: SNOWCAP: psammite, quartzite and amphibolite metamorphosed to eclogite, blueschist
 - PDS2: SNOWCAP: light grey to buff weathering marble
 - PDS1: SNOWCAP: quartzite, psammite, pelite and marble; minor greenstone and amphibolite
- NEOPROTEROZOIC TO LOWER CAMBRIAN**
- PC1: SWANNELL/TSAIDIZ: calcareous sandstone, shale, quartz-eye grit, quartzite



1:250 000-scale base data produced by CENTRE FOR TOPOGRAPHIC INFORMATION, NATURAL RESOURCES CANADA
Copyright Her Majesty the Queen in Right of Canada
30 metre shaded relief from Geomatics Yukon
www.geomaticsyukon.ca

**BEDROCK GEOLOGY
TESLIN (105C)
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.