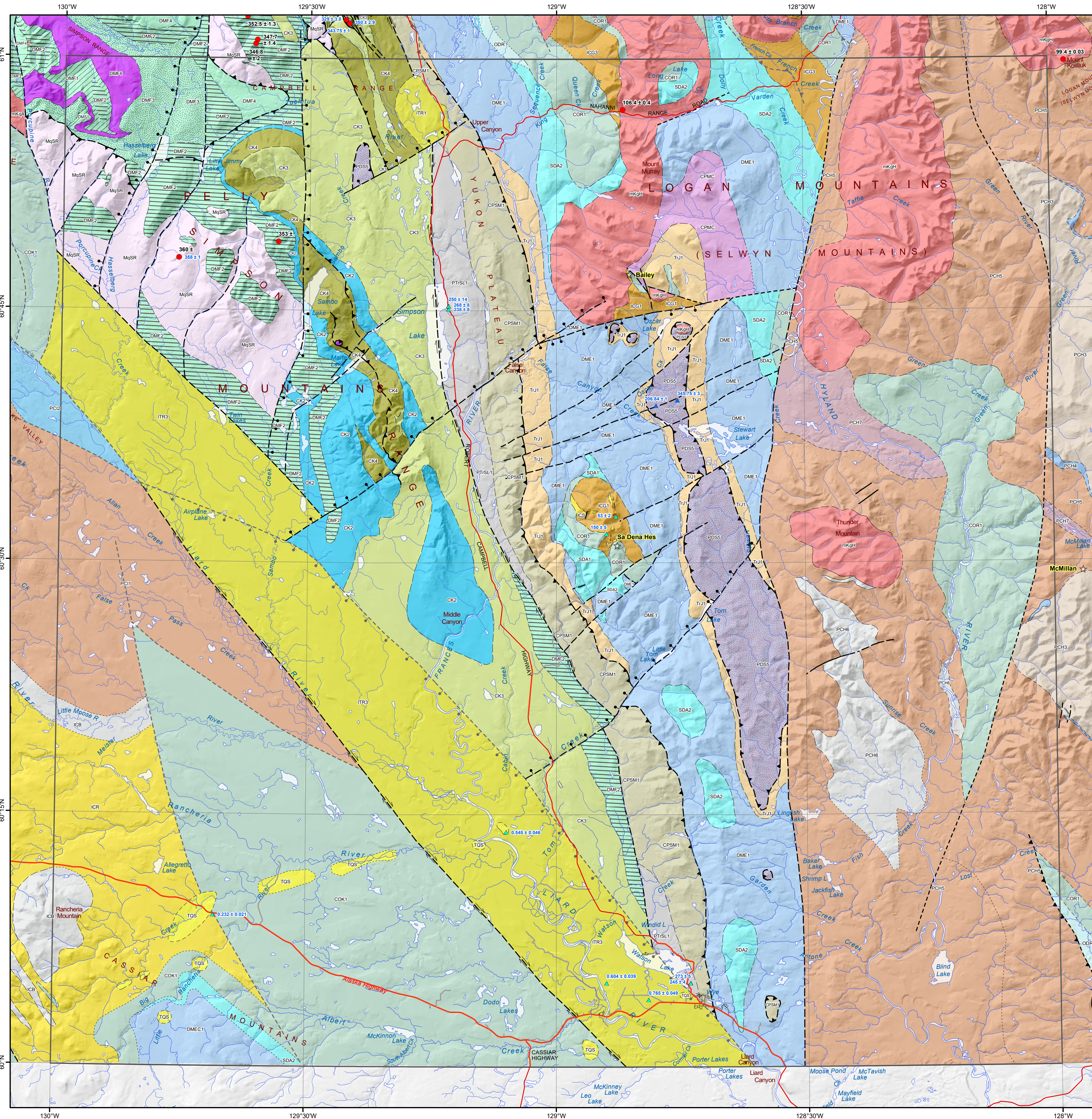
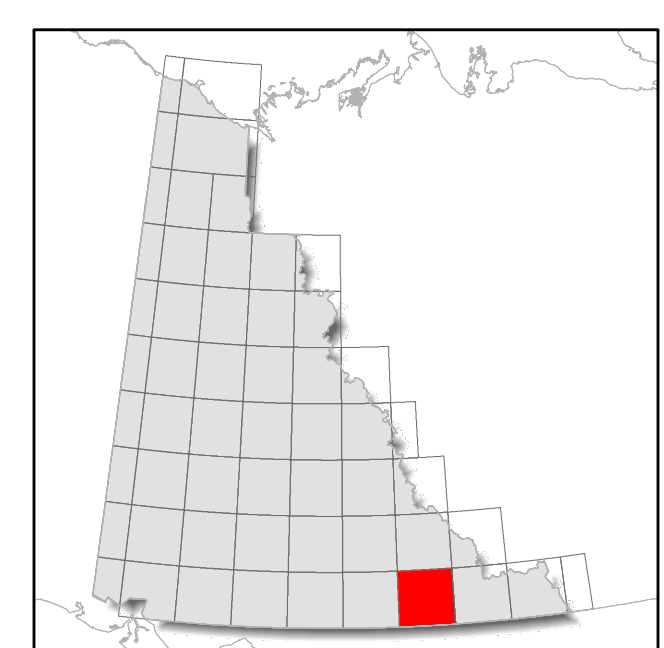


Note: legend contains geological information for the map extent and not the surrounding area.

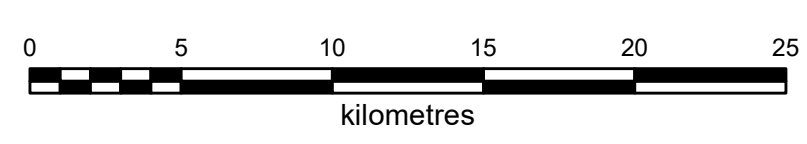


- MINERAL OCCURRENCE**
- ★ Deposit
  - ☆ Historic Deposit
  - Significant exploration project
- GEOCHRONOLOGY METHOD**
- U/Pb, Zircon
  - U/Pb, Other
  - ▲ Ar/Ar
  - ▲ K/Ar
- TERTIARY(?) AND QUATERNARY**
- TQS: SELKIRK: columnar jointed, vesicular to massive basalt flows
- LOWER TERTIARY, MOSTLY(?) EOCENE**
- ITR3: ROSS: brown, thin-bedded, claystone, siltstone, shale and coal
  - ITR1: ROSS: dark grey-green olivine basalt necks and flows
- MID-CRETACEOUS**
- mKqH: HYLAND RIVER SUITE: Bt granodiorite and monzogranite
- MIDDLE TO UPPER TRIASSIC**
- TrJ1: JONES LAKE: calcareous siltstone, shale, and fine sandstone
- PERMIAN - LOWER TRIASSIC**
- PTrSL1: SIMPSON LAKE: polymictic conglomerate, sandstone, dark grey siltstone and shale
- CARBONIFEROUS TO PERMIAN**
- CPSM1: FORTIN CREEK: dark grey to black carbonaceous phyllite, chert and argillite
  - CPMC: MOUNT CHRISTIE: burrowed, interbedded greenish grey cherty shale and green shale
- CARBONIFEROUS**
- CK4: KLINKIT: red and green chert, exhalite
  - CK3: KLINKIT: arkosic sandstone, basal polymictic metaconglomerate
  - CK2: KLINKIT: limestone, marble, locally fossiliferous
- MISSISSIPPIAN**
- MqSR: SIMPSON RANGE SUITE: foliated metagranite, quartz monzonite and granodiorite; augen granite
- DEVONIAN, MISSISSIPPIAN AND(?) OLDER**
- DMF6: FINLAYSON: ultramafic rocks, serpentinite; metagabbro
  - 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, metaporphyry
  - 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
- DEVONIAN AND MISSISSIPPIAN**
- DME1: EARN: laminated slate, fine to medium-grained chert-quartz arenite and wacke
- MIDDLE SILURIAN TO MIDDLE DEVONIAN**
- SDA2: ASKIN: dolostone, silty and sandy dolostone, limestone
  - SDA1: ASKIN: dolomitic siltstone, dolomitic fine-grained sandstone
- ORDOVICIAN TO LOWER DEVONIAN**
- ODR: ROAD RIVER - SELWYN: black shale and chert, dolomitic siltstone, calcareous shale, buff platy limestone
- UPPER CAMBRIAN AND ORDOVICIAN**
- COK1: KECHIKA: thin-bedded, lustrous, calcareous, grey slate, phyllite, limestone
  - COR1: RABBITKETTLE: thin-bedded, silty limestone and grey lustrous calcareous phyllite
- LOWER CAMBRIAN**
- ICG3: GULL LAKE: marble, calc-silicate
  - ICG1: GULL LAKE: shale, siltstone and mudstone, minor quartz sandstone
  - ICS: SEKWU: limestone, locally wavy bedded and nodular
  - 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**
- PDS5: SNOWCAP: psammite, quartzite and amphibolite metamorphosed to eclogite, blueschist
- 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
  - PCH4: TILLE: medium to dark grey, commonly feld limestone; brownish-grey silty/sandy limestone
  - PCH3: TILLE: brown weathering, semi-pelitic, psammitic, and pelitic schist; phyllite
  - PC12: ESPEE: marble, minor dolomite, calc phyllite
  - PC11: SWANNELL/TSAVDIZ: calcareous sandstone, shale, quartz-eye grit, quartzite



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**BEDROCK GEOLOGY  
WATSON LAKE (105A)  
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](mailto:geology@gov.yk.ca).