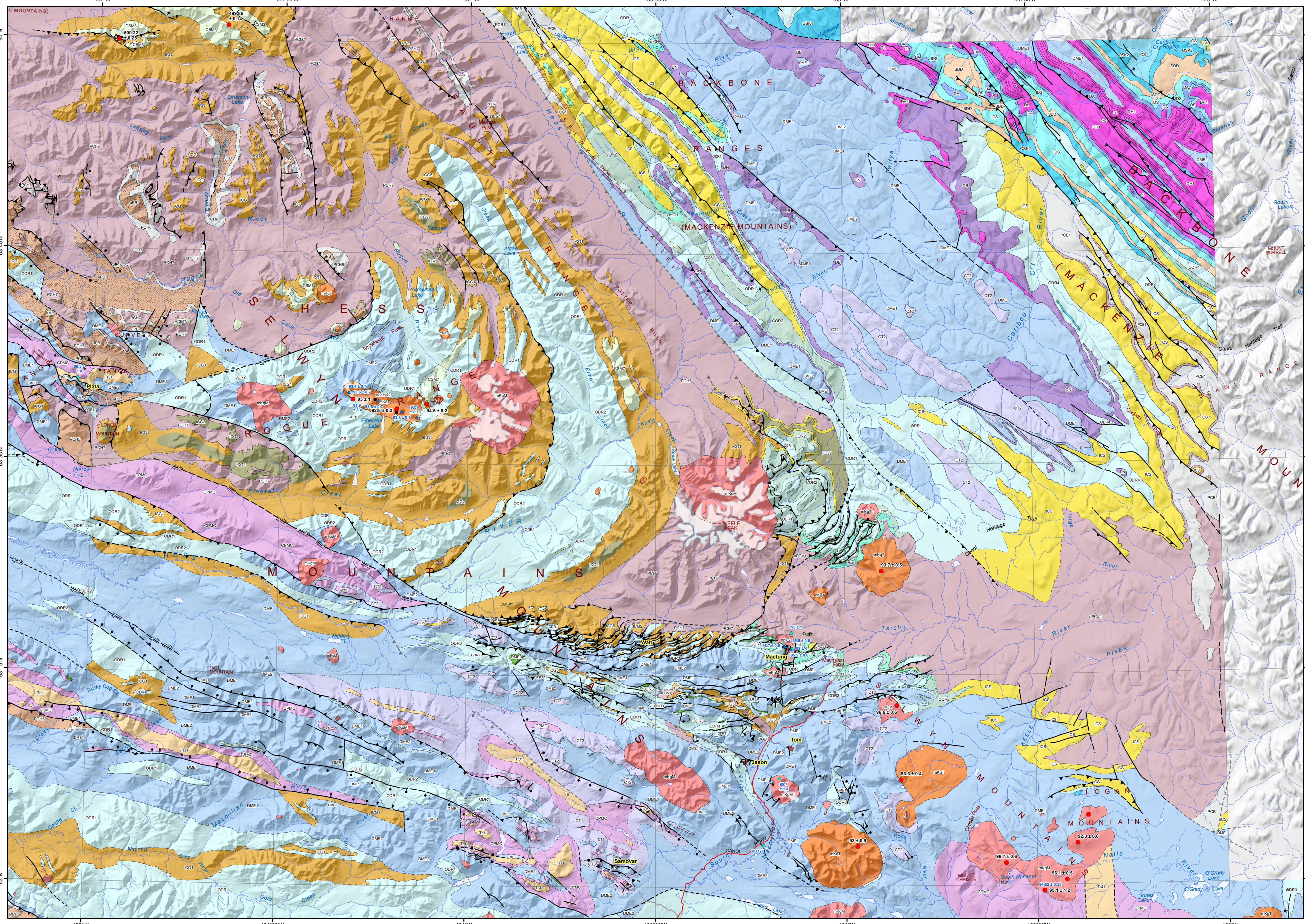
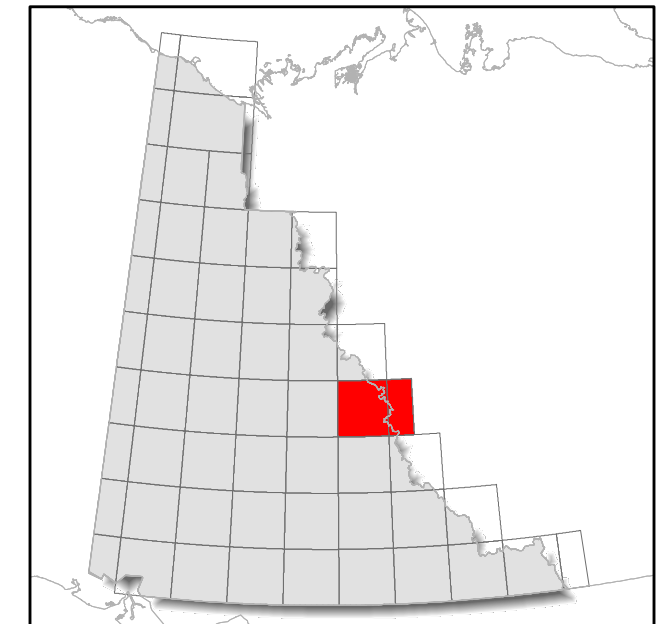


Note: legend contains geological information for the map extent and not the surrounding area.

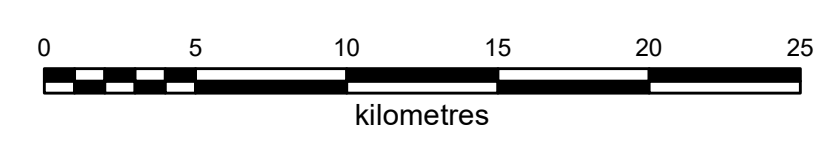


- | MINERAL OCCURRENCE | GEOCHRONOLOGY METHOD |
|-----------------------------------|----------------------|
| ★ Deposit | ● U/Pb, Zircon |
| ☆ Historic Deposit | ● U/Pb, Other |
| ■ Significant exploration project | ▲ Ar/Ar |
| | ▲ K/Ar |
-
- | | |
|--|--|
| MID-CRETACEOUS | ODR3: SAPPER - SELWYN: blue-grey weathering, black limestone |
| mKqM: MAYO SUITE: Bt granite; K-feldspar porphyritic granite | ODR2: STEEL - SELWYN: rusty dark green to orange buff weathering argillite and dolomitic siltstone |
| mKqM: MAYO SUITE: Hbl > Bt (± Cpx) quartz monzonite or monzodiorite | ODR1: DUO LAKE/ELMER CREEK - SELWYN: black graptolitic shale and black chert |
| mKqTu: TUNGSTEN SUITE: K-feldspar porphyritic Bt monzogranite and leucogranite | |
| mKqT: TOMBSTONE SUITE: Bt-Hbl clinopyroxene granite | UPPER ORDOVICIAN AND SILURIAN |
| | OSK2: WHITTAKER/NONDA: thick-bedded, laminated dolostone, chert, argillaceous limestone |
| MIDDLE TO UPPER TRIASSIC | MIDDLE ORDOVICIAN |
| TrJ1: JONES LAKE: calcareous siltstone, shale, and fine sandstone | OS: SUNBLOOD: mainly dolostone and limestone |
| CARBONIFEROUS TO PERMIAN | CAMBRIAN TO SILURIAN |
| CPMC: MOUNT CHRISTIE: burrowed, interbedded greenish grey cherty shale and green shale | CSM: MARMOT: lower Paleozoic mostly mafic volcanic rocks |
| CARBONIFEROUS | CSM7: MARMOT: basic lapilli tuff, breccia, flows, silts, and dikes |
| CT4: TSICHU: siliceous calcarenite, dolostone, sandy dolostone and minor grey quartzite | CSM3: DEMPSTER: mafic volcanic flows, tuff and hyaloclastic breccia |
| CT3: TSICHU: chert, and chert pebble conglomerate | CSM1: MENZIE CREEK: massive, locally pillowed, dark grey-green basalt, tuff and breccia |
| CT2: TSICHU/KENO HILL: black to silvery shale or carbonaceous phyllite | UPPER CAMBRIAN AND ORDOVICIAN |
| CT1: TSICHU/KENO HILL: massive to thick-bedded quartz arenite | COR2: RABBITKETTLE: thin-bedded, silty limestone and grey lustrous calcareous phyllite |
| DEVONIAN AND MISSISSIPPIAN | COR1: RABBITKETTLE: thin-bedded, silty limestone and grey lustrous calcareous phyllite |
| DME: EARN: black siliceous shale and chert | MIDDLE CAMBRIAN |
| DME3: EARN: felsic to intermediate volcanic flows, tuffs and subvolcanic plug(s) | mCH: HESS RIVER: shale, black, pyritic, unfossiliferous |
| DME2: EARN: silvery blue weathering black shale, argillite, cherty argillite and chert | mCR: ROCKSLIDE: platy calcareous shale and silty, dark grey limestone |
| DME1: EARN: laminated slate, fine to medium-grained chert-quartz arenite and wacke | LOWER CAMBRIAN |
| DMgE: EARN SUITE: Cpx ± Hbl gabbro and porphyry | ICG: GULL LAKE: undivided - shale, siltstone, sandstone, conglomerate, limestone |
| MIDDLE DEVONIAN | ICG5: GULL LAKE: shale, limestone, limestone conglomerate (incl. Ordovician strata) |
| DN: NATLA: dark grey weathering, platy, thin-bedded, recessive sooty limestone | ICG2: GULL LAKE: mafic metavolcanic and volcanoclastic rocks |
| DH2: NAHANNI: thick-bedded, fine to medium-grained, light grey weathering limestone | ICG1: GULL LAKE: shale, siltstone and mudstone, minor quartz sandstone |
| DH1: HEADLESS: buff-brown weathering argillaceous to silty, fine-grained limestone | ICS: SEKWIL: limestone, locally wavy bedded and nodular |
| DL: LANDRY: thin to very thick bedded, resistant, crypto-grained limestone | NEOPROTEROZOIC TO LOWER CAMBRIAN |
| DA: ARNICA: dark grey to black commonly laminated dolostone | UPPER LOWER TO LOWER MIDDLE DEVONIAN |
| | uPCV1: VAMPIRE: dark grey to pale green phyllite, siltstone, sandstone |
| LOWER DEVONIAN | PCB1: BACKBONE: thick-bedded, medium to coarse-grained orthoquartzite |
| IDS: SOMBRE: light and medium grey, even bedded, fine grained dolostone | PCH7: NARCHILLA: interbedded maroon and apple-green slate, siltstone, sandstone |
| UPPER SILURIAN TO LOWER DEVONIAN | PCH6: ALGAE: grey weathering, very fine crystalline limestone, locally sandy |
| SDD: DELORME: buff to orange weathering very fine grained dolostone | PCH5: YUSEZYU: brown to pale green shale, quartz-rich sandstone, grtl, pebble conglomerate |
| ORDOVICIAN TO LOWER DEVONIAN | NEOPROTEROZOIC |
| ODR: ROAD RIVER - SELWYN: black shale and chert, dolomitic siltstone, calcareous shale, buff platy limestone | uPB: BLUEFLOWER: undivided fine-grained siliciclastic and carbonate rocks, locally conglomerate |
| ODR4: ROAD RIVER - SELWYN: black shale, limestone, limestone conglomerate | uPG: GAMETRAIL: yellow/orange weathering dolostone, dolomitic siltstone and limestone |



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BEDROCK GEOLOGY NIDDERLY LAKE (1050) & SEKWI MOUNTAIN (105P) 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.