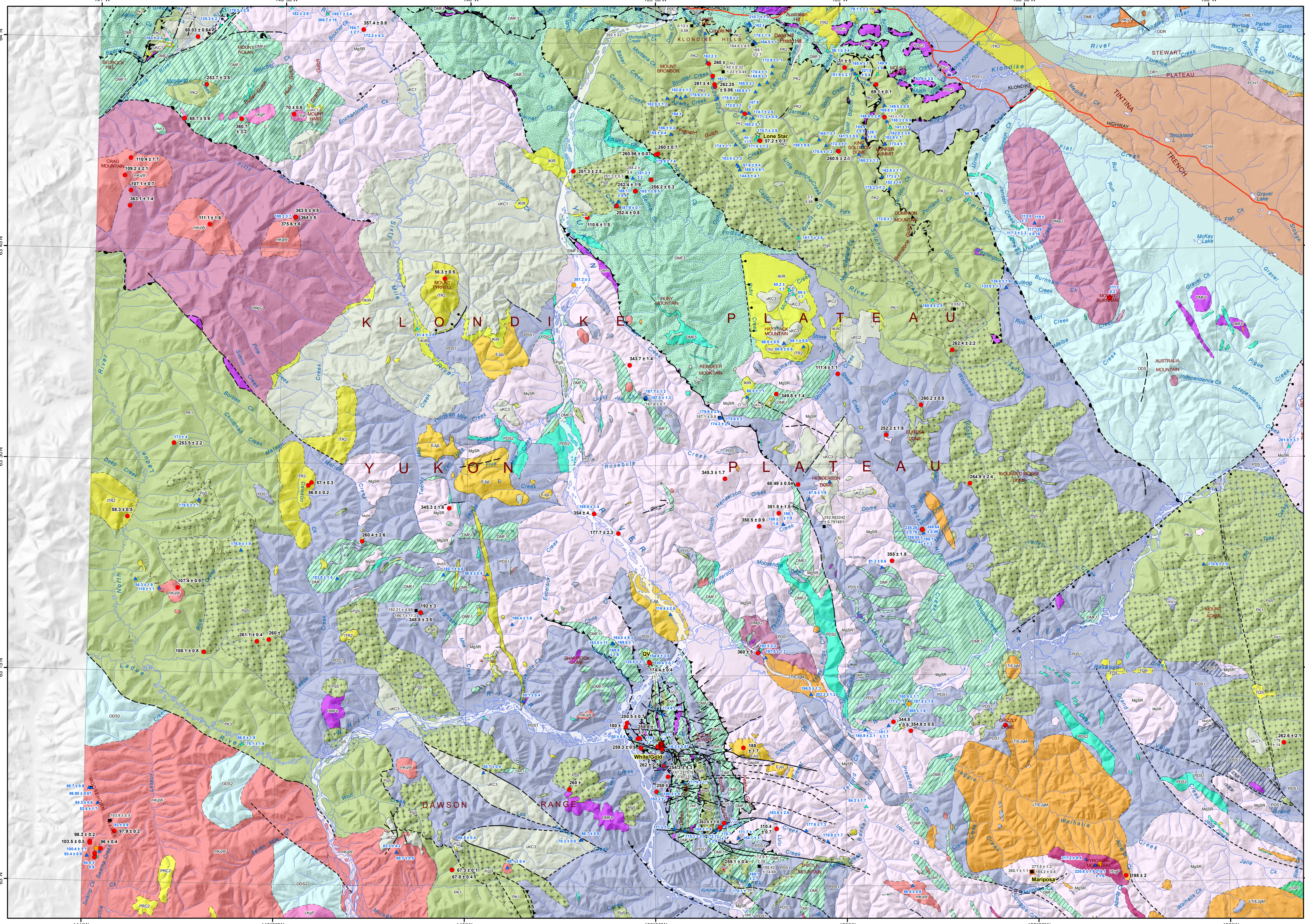
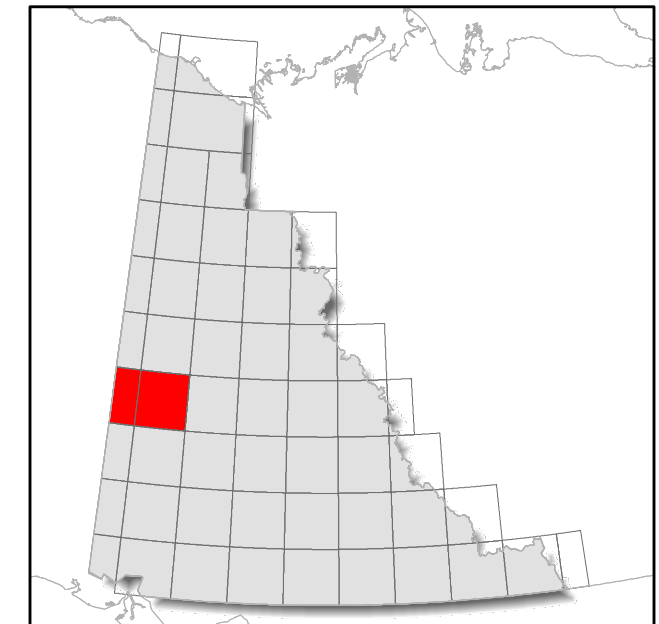


Note: legend contains geological information for the map extent and not the surrounding area.

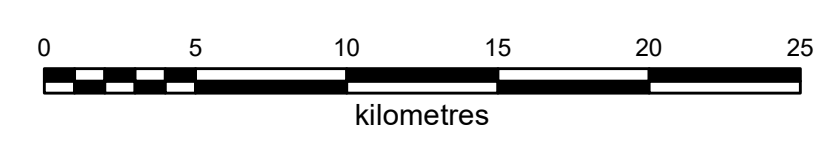


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| <p><b>MINERAL OCCURRENCE</b></p> <ul style="list-style-type: none"> <li>★ Deposit</li> <li>☆ Historic Deposit</li> <li>○ Significant exploration project</li> </ul>  | <p><b>GEOCHRONOLOGY METHOD</b></p> <ul style="list-style-type: none"> <li>● U/Pb, Zircon</li> <li>● U/Pb, Other</li> <li>▲ Ar/Ar</li> <li>▲ K/Ar</li> </ul>  |
| <p><b>TERTIARY(?) AND QUATERNARY</b></p> <ul style="list-style-type: none"> <li>TQS: SELKIRK: columnar jointed, vesicular to massive basalt flows</li> </ul>   | <ul style="list-style-type: none"> <li>PK3: KLONDIKE SCHIST: chlorite schist and phyllite, amphibolite</li> <li>PK2: KLONDIKE SCHIST: silvery grey muscovite-chlorite quartz phyllite, micaceous quartzite</li> <li>PK1: KLONDIKE SCHIST: quartz-muscovite-chlorite schist</li> </ul>  |
| <p><b>PALEOCENE TO LOWER EOCENE</b></p> <ul style="list-style-type: none"> <li>PRC2: RHYOLITE CREEK: maroon to reddish purple, fine to very coarse grained andesite</li> <li>PRC1: RHYOLITE CREEK: light grey, green, maroon, purple and black rhyolite and dacite</li> </ul>  | <p><b>MIDDLE PERMIAN</b></p> <ul style="list-style-type: none"> <li>PDC2: DAWSON-CLINTON CREEK: brown weathering, variably serpentinized ultramafic rocks</li> </ul>   |
| <p><b>LOWER TERTIARY, MOSTLY(?) EOCENE</b></p> <ul style="list-style-type: none"> <li>ITR3: ROSS: brown, thin-bedded, claystone, siltstone, shale and coal</li> <li>ITR2: ROSS: rhyolite flows, tuff, ash-flow tuff and breccia</li> <li>ITR1: ROSS: dark grey-green olivine basalt necks and flows</li> </ul>                           | <p><b>MISSISSIPPIAN</b></p> <ul style="list-style-type: none"> <li>MgSR: SIMPSON RANGE SUITE: foliated metagranite, quartz monzonite and granodiorite; augen granite</li> <li>MgSR: SIMPSON RANGE SUITE: Hbl-bearing metagranodiorite, metadiorite and metatonalite</li> </ul>   |
| <p><b>LATE CRETACEOUS TO TERTIARY</b></p> <ul style="list-style-type: none"> <li>LKqP: PROSPECTOR MOUNTAIN SUITE: Hbl-Bt granodiorite, Hbl diorite, quartz diorite</li> </ul>  | <p><b>DEVONIAN, MISSISSIPPIAN AND(?) OLDER</b></p> <ul style="list-style-type: none"> <li>DMF6: FINLAYSON: ultramafic rocks, serpentinite, metagabbro</li> <li>DMF5: FINLAYSON: light grey to white marble, locally crinoidal</li> <li>DMF4: FINLAYSON: light green to grey, fine-grained siliciclastic and metavolcanic rocks</li> <li>DMF3: FINLAYSON: dark grey to black carbonaceous metasedimentary rocks, metachert</li> <li>DMF1: FINLAYSON: intermediate to mafic volcanic and volcanoclastic rocks</li> </ul> |
| <p><b>MID-CRETACEOUS</b></p> <ul style="list-style-type: none"> <li>mKqW: WHITEHORSE SUITE: Bt-Hbl granodiorite, Hbl quartz diorite and Hbl diorite</li> <li>mKqW: WHITEHORSE SUITE: Bt quartz monzonite, Bt granite and leucogranite</li> </ul>   | <p><b>LATE DEVONIAN TO MISSISSIPPIAN</b></p> <ul style="list-style-type: none"> <li>DMGg: GRASS LAKES SUITE: fine to medium-grained, foliated granodiorite, granite, quartz monzonite</li> </ul>   |
| <p><b>UPPER CRETACEOUS</b></p> <ul style="list-style-type: none"> <li>uKc3: CARMACKS: acid vitric crystal tuff, lapilli tuff and welded tuff</li> <li>uKc2: CARMACKS: andesite, porphyry</li> <li>uKc1: CARMACKS: augite-olivine basalt and breccia</li> </ul>   | <p><b>ORDOVICIAN TO LOWER DEVONIAN</b></p> <ul style="list-style-type: none"> <li>ODS2: SCOTTIE CREEK: layered paragneiss, migmatite</li> <li>ODS1: SCOTTIE CREEK: quartzite, micaceous quartzite, psammilic Qtz-Ms-Bt ± Grt schist</li> <li>ODR: ROAD RIVER - SELWYN: black shale and chert, dolomitic siltstone, calcareous shale, buff platy limestone</li> </ul>   |
| <p><b>LOWER CRETACEOUS</b></p> <ul style="list-style-type: none"> <li>IKIR: INDIAN RIVER: clast-supported pebble to cobble conglomerate</li> </ul>   | <p><b>UPPER CAMBRIAN AND ORDOVICIAN</b></p> <ul style="list-style-type: none"> <li>COR1: RABBITKETTLE: thin-bedded, silty limestone and grey lustrous calcareous phyllite</li> </ul>   |
| <p><b>EARLY JURASSIC</b></p> <ul style="list-style-type: none"> <li>EJgL: LONG LAKE SUITE: massive to weakly foliated Bt-Hbl granodiorite</li> <li>EJyL: LONG LAKE SUITE: coarse to very coarse grained and porphyritic, mesocratic Hbl syenite</li> </ul>   | <p><b>NEOPROTEROZOIC AND PALEOZOIC</b></p> <ul style="list-style-type: none"> <li>PDS3: SNOWCAP: amphibolite, commonly garnet-bearing; greenstone</li> <li>PDS2: SNOWCAP: light grey to buff weathering marble</li> <li>PDS1: SNOWCAP: quartzite, psammite, pelite and marble; minor greenstone and amphibolite</li> </ul>   |
| <p><b>LATE TRIASSIC TO EARLY JURASSIC</b></p> <ul style="list-style-type: none"> <li>LTrEjgM: MINTO SUITE: Bt-Hbl granodiorite, locally foliated; local Bt-rich screens and gneissic schlieren</li> <li>LTrEjgM: MINTO SUITE: porphyritic Bt and Bt-Hbl quartz monzonite to granite</li> <li>LTrEjgM: MINTO SUITE: Hbl gabbro</li> </ul> | <p><b>NEOPROTEROZOIC TO LOWER CAMBRIAN</b></p> <ul style="list-style-type: none"> <li>PCH7: NARCHILLA: interbedded maroon and apple-green slate, siltstone, sandstone</li> <li>PCH5: YUSEZYU: brown to pale green shale, quartz-rich sandstone, grit, pebble conglomerate</li> </ul>   |
| <p><b>LATE TRIASSIC</b></p> <ul style="list-style-type: none"> <li>LTrgP: PYROXENE MTN SUITE: coarse-grained, foliated Hbl gabbro, pyroxenite</li> </ul>   | <p><b>MIDDLE TO LATE PERMIAN</b></p> <ul style="list-style-type: none"> <li>PgS: SULPHUR CREEK SUITE: granodiorite and quartz monzonite</li> <li>PgS: SULPHUR CREEK SUITE: variably foliated, K-feldspar augen granite, metaporphry</li> </ul>   |



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**BEDROCK GEOLOGY  
STEWART RIVER (115N & 115O)  
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).