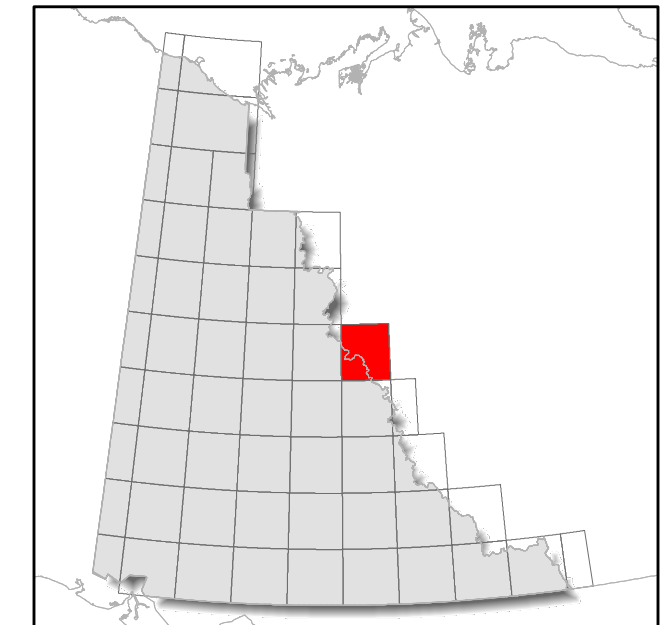


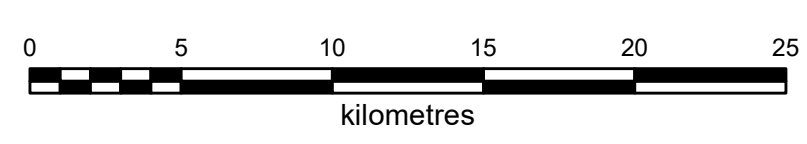
Note: legend contains geological information for the map extent and not the surrounding area.

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|--|---|
| <p>MINERAL OCCURRENCE</p> <ul style="list-style-type: none"> ★ Deposit ☆ Historic Deposit ■ Significant exploration project | <p>GEOCHRONOLOGY METHOD</p> <ul style="list-style-type: none"> ● U/Pb, Zircon ● U/Pb, Other ▲ Ar/Ar ▲ K/Ar |
| <p>UPPER DEVONIAN</p> <ul style="list-style-type: none"> uDI: IMPERIAL: dark grey shale and siltstone, lithic sandstone | <p>UPPER CAMBRIAN AND ORDOVICIAN</p> <ul style="list-style-type: none"> COF1: FRANKLIN MOUNTAIN: grey, argillaceous, sandy and silty dolostone |
| <p>DEVONIAN AND MISSISSIPPIAN</p> <ul style="list-style-type: none"> DME2: EARN: silvery blue weathering black shale, argillite, cherty argillite and chert DME1: EARN: laminated slate, fine to medium-grained chert-quartz arenite and wacke | <p>MIDDLE CAMBRIAN</p> <ul style="list-style-type: none"> mCH: HESS RIVER: shale, black, pyritic, unfossiliferous |
| <p>MIDDLE DEVONIAN</p> <ul style="list-style-type: none"> DN: NATLA: dark grey weathering, platy, thin-bedded, recessive sooty limestone DH3: HUME: dark grey, finely crystalline fossiliferous limestone and minor shale DH2: NAHANNI: thick-bedded, fine to medium-grained, light grey weathering limestone DH1: HEADLESS: buff-brown weathering argillaceous to silty, fine-grained limestone DL: LANDRY: thin to very thick bedded, resistant, crypto-grained limestone DA: ARNICA: dark grey to black commonly laminated dolostone | <p>LOWER CAMBRIAN</p> <ul style="list-style-type: none"> ICG: GULL LAKE: undivided - shale, siltstone, sandstone, conglomerate, limestone ICG5: GULL LAKE: shale, limestone, limestone conglomerate (incl. Ordovician strata) ICG4: GULL LAKE: conglomerate, quartzite, argillite, brown-weathering sandstone ICG1: GULL LAKE: shale, siltstone and mudstone, minor quartz sandstone ICS: SEKWI: limestone, locally wavy bedded and nodular |
| <p>UPPER LOWER TO LOWER MIDDLE DEVONIAN</p> <ul style="list-style-type: none"> DB: GRIZZLY BEAR: limestone, white grey weathering, cliff forming | <p>NEOPROTEROZOIC TO LOWER CAMBRIAN</p> <ul style="list-style-type: none"> PCB1: BACKBONE: thick-bedded, medium to coarse-grained orthoquartzite PCH7: NARCHILLA: interbedded maroon and apple-green slate, siltstone, sandstone PCH6: ALGAE: grey weathering, very fine crystalline limestone, locally sandy |
| <p>LOWER DEVONIAN</p> <ul style="list-style-type: none"> IDS: SOMBRE: light and medium grey, even bedded, fine grained dolostone IDC: CAMSELL: grey, black, and white weathering dolostone | <p>NEOPROTEROZOIC</p> <ul style="list-style-type: none"> uPRI: RISKY: buff grey to buff yellow weathering dolostone uPB3: BLUEFLOWER: brown-weathering, shale, siltstone and sandstone uPB2: BLUEFLOWER: green or grey, rhythmically bedded mudstone, siltstone, and fine sandstone uPB1: BLUEFLOWER: pale yellow-weathering limestone, interbedded with green-grey shale uPG: GAMETRAIL: yellow/orange weathering dolostone, dolomitic siltstone and limestone uPN6: NADALEEN/STENBRATEN: rhythmically bedded fine-grained sandstone, siltstone, mudstone uPN2: NADALEEN: grey, well-bedded silty limestone uPS: SHEEPBED: recessive, black weathering shale and siltstone uPHC3: KEELE: silty and sandy dolostone, limestone, quartzite and conglomerate uPHC1: TWITYA: siltstone, shale interbedded with sandstone, granule to pebble conglomerate uPL: LITTLE DAL: light grey to buff and orange weathering fine-grained dolostone uPK: KATHERINE: mature, brown, greenish grey and white orthoquartzite |
| <p>UPPER SILURIAN TO LOWER DEVONIAN</p> <ul style="list-style-type: none"> SDD: DELORME: buff to orange weathering very fine grained dolostone | |
| <p>ORDOVICIAN TO LOWER DEVONIAN</p> <ul style="list-style-type: none"> ODR: ROAD RIVER - SELWYN: black shale and chert, dolomitic siltstone, calcareous shale, buff platy limestone | |
| <p>CAMBRIAN TO DEVONIAN</p> <ul style="list-style-type: none"> CDR4: ROAD RIVER - MT HARE: black chert, graptolitic shale CDR: ROAD RIVER - RICHARDSON: black graptolitic shale, limestone and minor chert (undivided) | |
| <p>UPPER ORDOVICIAN AND SILURIAN</p> <ul style="list-style-type: none"> OSK4: MOUNT KINDLE: thick-bedded dolostone and limestone, fetid limestone OSK1: MOUNT KINDLE: thick-bedded dolostone, minor chert | |
| <p>CAMBRIAN TO SILURIAN</p> <ul style="list-style-type: none"> CSM6: MARMOT: mafic, vesicular and amygdaloidal volcanic flows CSM3: DEMPSTER: mafic volcanic flows, tuff and hyaloclastic breccia | |



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**BEDROCK GEOLOGY
 BONNET PLUME LAKE (106B)
 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.