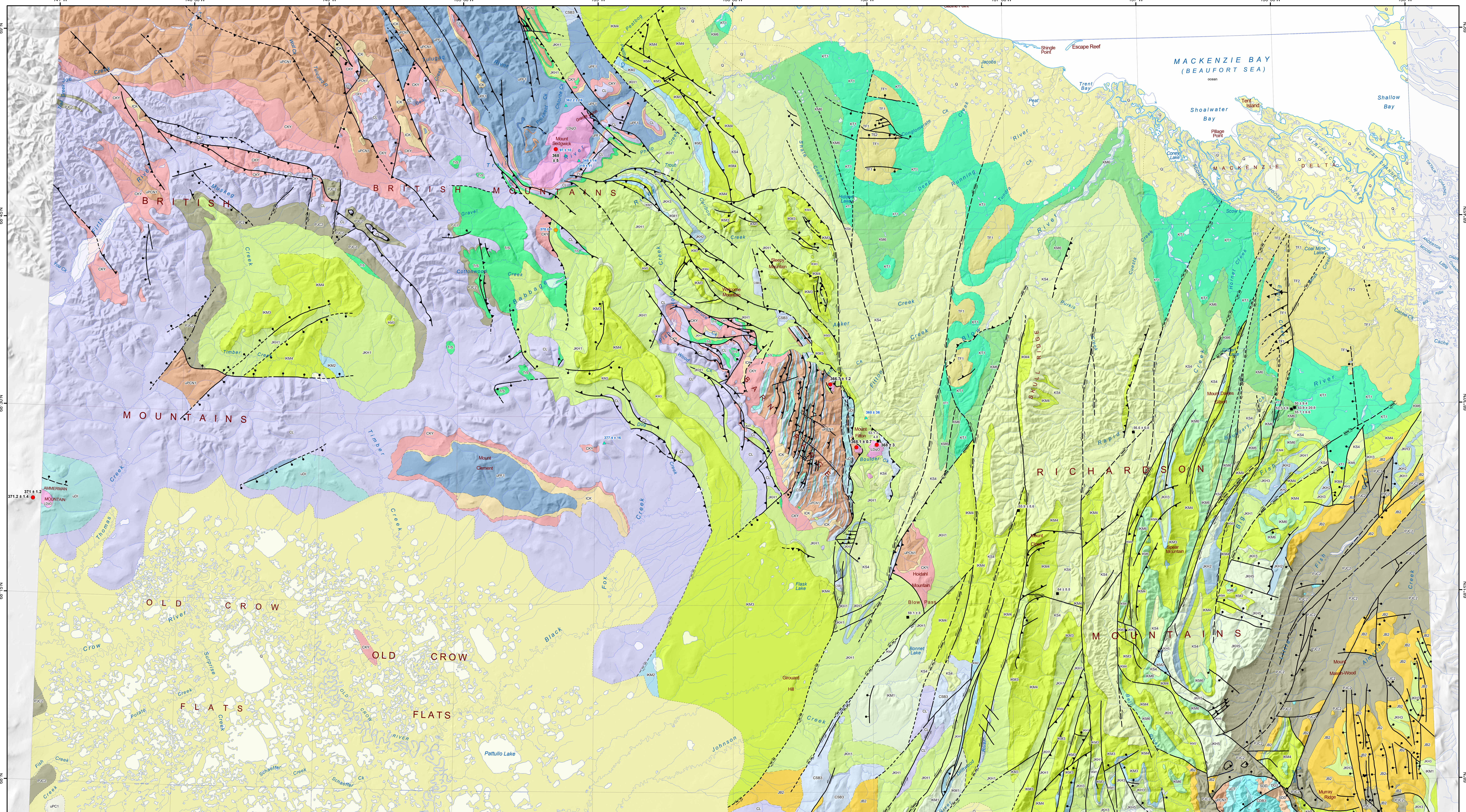
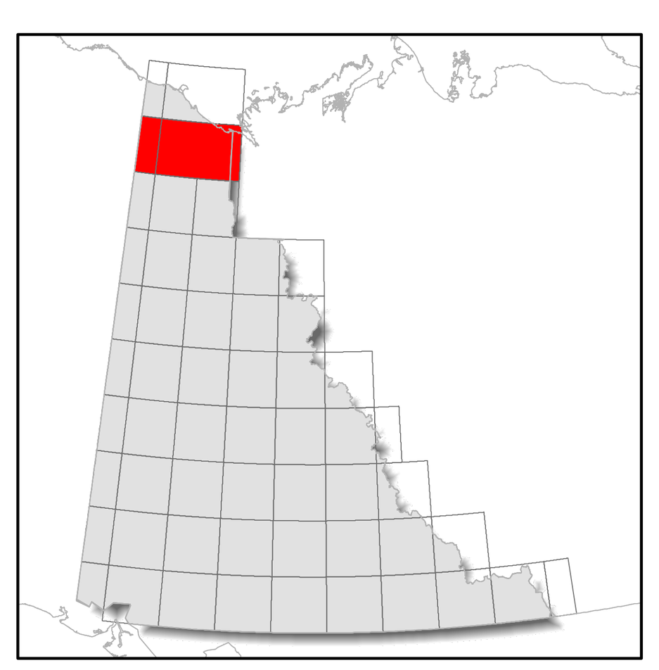
Yukon
Geological Survey

Yukon





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

QUATERNARY

- Q: QUATERNARY: unconsolidated glacial, glaciofluvial and glaciolacustrine deposits

TERTIARY

- TF2: FISH RIVER: sandstone, pebbly sandstone, conglomerate, mudstone and some lignite
- TF1: FISH RIVER: sandstone, siltstone and mudstone

LOWER TERTIARY, MOSTLY(?) EOCENE

- lTR5: ROSS: gabbro

UPPER CRETACEOUS

- KT1: TENT ISLAND: massive sandstone to conglomerate, soft mudstone

LOWER CRETACEOUS

- KS4: sandstone, conglomerate and shale
- KM6: BOUNDARY CREEK: soft, light grey to black fissile shale
- lKM6: RAT RIVER: interbedded units of sandstone and shale
- lKM4: MOUNT GOODENOUGH: sandstone, siltstone, shale and locally conglomerate
- lKM3: shale, siltstone, sandstone and coal
- lKM2: MCGUIRE: shale, thin beds of siltstone and argillaceous bioturbated sandstone
- lKM1: MARTIN CREEK: fine-grained quartz arenite

JURASSIC AND LOWER

- JKH5: undivided shale, siltstone, sandstone, minor conglomerate
- JKH3: HUSKY: dark grey shale, siltstone and ironstone
- JKH2: PORCUPINE RIVER: siltstone and light grey fine to very fine grained sandstone
- JKH1: KINGAK: dark grey siltstone and shale

JURASSIC

- JB2: BUG CREEK: succession of alternating coarse and fine clastic formations

TRIASSIC

- TrS: SHUBLIK: bioturbated calcareous shale, siltstone and sandstone

LOWER AND MIDDLE PERMIAN

- PJC2: SADLEROCHIT: shale, siltstone and limestone

CARBONIFEROUS

- CL: LISBURNE: limestone, sandy to silty dolostone, siltstone and shale
- CKY: KAYAK: black shale and siltstone, dark grey, calcareous shale, silty limestone

LOWER CARBONIFEROUS

- ICK: KEKIKTUK: pebble-to-boulder conglomerate

LATE DEVONIAN

- LDqO: OLD CROW SUITE: medium to coarsely crystalline leucocratic Bt granite

UPPER DEVONIAN

- uDI: IMPERIAL: dark grey shale and siltstone, lithic sandstone

LOWER AND MIDDLE DEVONIAN

- DG2: OGILVIE: dark grey and black, fine-grained limestone

UPPER SILURIAN TO LOWER DEVONIAN

- SDD: DELORME: buff to orange weathering very fine grained dolostone

UPPER CAMBRIAN TO LOWER DEVONIAN

- CDB3: VUNTA: light grey, thick-bedded, pelletoidal limestone

CAMBRIAN TO DEVONIAN

- CSB4: BARN: dark grey, thin-bedded limestone
- CSB3: BARN: dark grey, black and bright green chert, dark grey siltstone, shale, argillite
- CSB1: BARN: thin-bedded, grey to buff limestone

UPPER CAMBRIAN

- uCT: TAIGA: light grey limestone, massive dolostone, minor brown and green shale

NEOPROTEROZOIC TO CAMBRIAN(?)

- uPCN3: NERUOKPUK: limestone
- uPCN2: NERUOKPUK: dark grey, maroon, red and green slate and argillite
- uPCN1: NERUOKPUK: sandstone, grit and pebble conglomerate, siltstone and slaty argillite

NEOPROTEROZOIC

- uPF2: FIRTH: limestone, dolostone
- uPF1: FIRTH: interbedded limestone, chert, and slaty argillite, siltstone and sandstone
- ocean

1:250 000-scale base data produced by CENTRE FOR TOPOGRAPHIC INFORMATION, NATURAL RESOURCES CANADA

30 metre shaded relief from Geomatics Yukon www.geomaticsyukon.ca

BEDROCK GEOLOGY

BLOW RIVER (117A) & DAVIDSON MOUNTAINS (117B)

YUKON

0 5 10 15 20 25
kilometres

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.