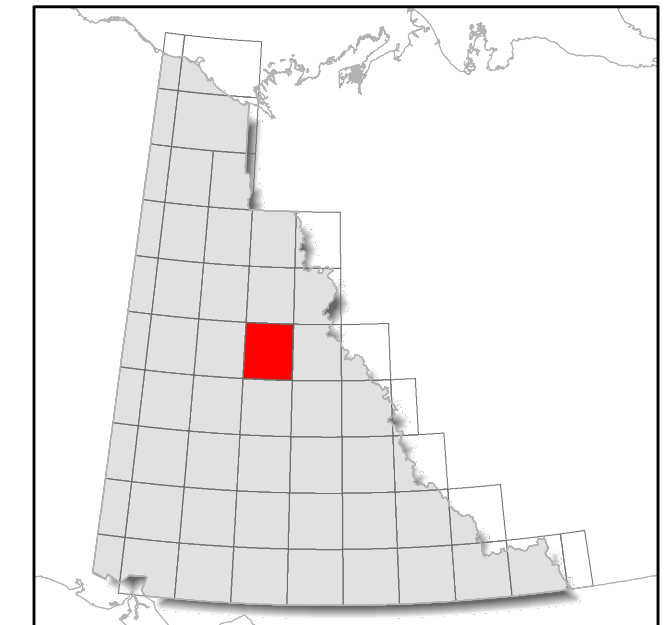


Note: legend contains geological information for the map extent and not the surrounding area.

MINERAL OCCURRENCE	GEOCHRONOLOGY METHOD
★ Deposit	● U/Pb, Zircon
☆ Historic Deposit	● U/Pb, Other
■ Significant exploration project	▲ Ar/Ar
	▲ K/Ar
LOWER TERTIARY, MOSTLY(?) EOCENE	CSM8: MARMOT: dark volcanic rocks, brown-weathering, grey-green, limy tuff and argillite
ITR4: ROSS: quartz-feldspar porphyry and rhyolite	CSM6: MARMOT: mafic, vesicular and amygdaloidal volcanic flows
LATE CRETACEOUS	UPPER CAMBRIAN
LKqM?: MCQUESTEN SUITE: Bt-Ms granite and quartz monzonite (Rackla pluton)	uCT: TAIGA: light grey limestone, massive dolostone, minor brown and green shale
MID-CRETACEOUS	LOWER AND MIDDLE CAMBRIAN
mKqM: MAYO SUITE: Hbl > Bt (± Cpx) quartz monzonite or monzodiorite	ImCS1?: SLATS CREEK: turbiditic, quartz sandstone with minor shale and siltstone
MIDDLE TO UPPER TRIASSIC	ImCS1: SLATS CREEK: turbiditic, quartz sandstone with minor shale and siltstone
TrJ2: JONES LAKE: bioclastic limestone and interbedded sandy or silty limestone	LOWER CAMBRIAN
TrJ1: JONES LAKE: calcareous siltstone, shale, and fine sandstone	ICG: GULL LAKE: undivided - shale, siltstone, sandstone, conglomerate, limestone
TRIASSIC	IC4: ILTYD: light grey, medium-bedded dolostone
TrG: GALENA SUITE: Hbl diorite and gabbro sills	NEOPROTEROZOIC TO LOWER CAMBRIAN
LOWER AND MIDDLE PERMIAN	PJc3: TAHKANDIT: crystalline skeletal limestone, black chert, calcareous sandstone, conglomerate
CARBONIFEROUS	PCH: HYLAND: undivided coarse turbiditic clastics, limestone, maroon and green shale
CT4: TSICHU: siliceous calcarenite, dolostone, sandy dolostone and minor grey quartzite	PCH7: NARCHILLA: interbedded maroon and apple-green slate, siltstone, sandstone
CT2: TSICHU/KENO HILL: black to silvery shale or carbonaceous phyllite	PCH6: ALGAE: grey weathering, very fine crystalline limestone, locally sandy
CT1: TSICHU/KENO HILL: massive to thick-bedded quartz arenite	PCH5: YUSEZYU: brown to pale green shale, quartz-rich sandstone, grit, pebble conglomerate
DEVONIAN AND MISSISSIPPIAN	MESO TO NEOPROTEROZOIC
DME: EARN: black siliceous shale and chert	uPP3: PINGUICULA: undivided red, green and grey slaty argillite, light grey quartzite, dolostone
DME3: EARN: felsic to intermediate volcanic flows, tuffs and subvolcanic plug(s)	uPP2: PINGUICULA: laminated and flasered limestone, laminated dolostone
DME1: EARN: laminated slate, fine to medium-grained chert-quartz arenite and wacke	mPH3: KHOSE CREEK: basic to intermediate volcanic flows and aquagene tuffs
LOWER AND MIDDLE DEVONIAN	mPW: WERNECKE BRECCIAS: hematitic and dolomitic metasomatic breccia
DG3: GOSSAGE: limestone and dolostone	MESOPROTEROZOIC
ORDOVICIAN TO LOWER DEVONIAN	mPH2: HART RIVER: diorite and gabbro sills and dikes
ODR: ROAD RIVER - SELWYN: black shale and chert, dolomitic siltstone, calcareous shale, buff platy limestone	MPB: BEAR RIVER SUITE: dark-green-weathering, fine to medium-grained diorite dikes
UPPER CAMBRIAN TO LOWER DEVONIAN	PALEOPROTEROZOIC
CDB1: BOUVETTE: grey and buff-weathering dolostone and limestone	IPG: GILLESPIE LAKE: dolostone and silty dolostone, locally stromatolitic
CAMBRIAN TO DEVONIAN	IPQ: QUARTET: black weathering shale, finely laminated siltstone
CDR: ROAD RIVER - RICHARDSON: black graptolitic shale, limestone and minor chert (undivided)	IPFL3: FAIRCHILD LAKE: carbonate marker
UPPER ORDOVICIAN AND SILURIAN	IPFL2: FAIRCHILD LAKE: siltstone, dolomitic siltstone, and dolostone
OSK1: MOUNT KINDLE: thick-bedded dolostone, minor chert	IPFL1: FAIRCHILD LAKE: calcareous laminated siltstone, sandstone, carbonate
CAMBRIAN TO SILURIAN	EPBP: BONNET PLUME RIVER: diorite preserved as megacrysts within Wernecke Breccia
CSM10: MARMOT: bright green to black serpentinite	
CSM9: MENZIE CREEK/DEMPSTER: gabbro, pyroxenite	



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**BEDROCK GEOLOGY
 NASH CREEK (106D)
 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.