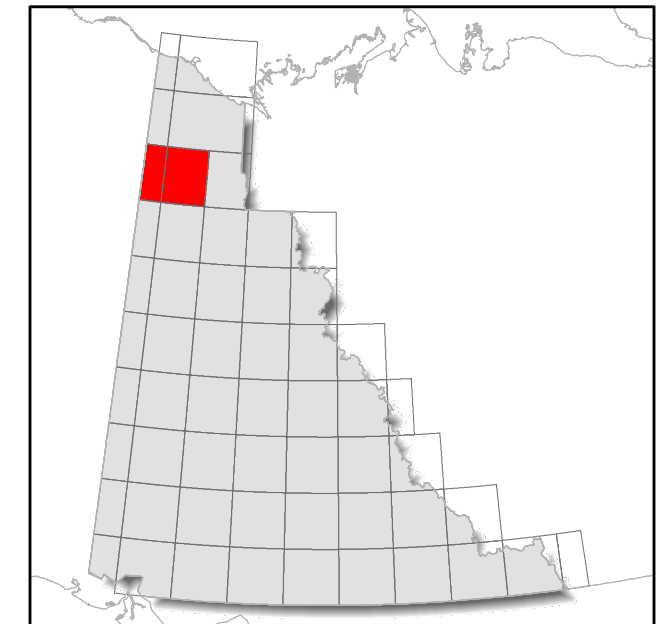


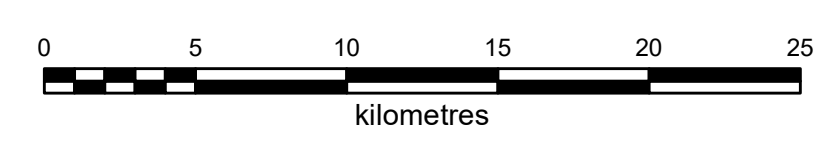
*Note: legend contains geological information for the map extent and not the surrounding area.*

<b>MINERAL OCCURRENCE</b>	<b>GEOCHRONOLOGY METHOD</b>
★ Deposit	● U/Pb, Zircon
☆ Historic Deposit	● U/Pb, Other
■ Significant exploration project	▲ Ar/Ar
	▲ K/Ar
<b>QUATERNARY</b>	<b>LOWER AND UPPER CARBONIFEROUS</b>
Q: QUATERNARY: unconsolidated glacial, glaciofluvial and glaciolacustrine deposits	CH1: HART RIVER: thinly laminated, cherty spiculite and spicule lime packstone
<b>LOWER TERTIARY, MOSTLY(?) EOCENE</b>	<b>LOWER CARBONIFEROUS</b>
ITR3: ROSS: brown, thin-bedded, claystone, siltstone, shale and coal	ICK: KEKIKTUK: pebble-to-boulder conglomerate
<b>LOWER CRETACEOUS</b>	<b>LATE DEVONIAN</b>
KS3: SHARP MOUNTAIN: massive sandstone and pebble conglomerate	LDdO: OLD CROW SUITE: diorite, gabbro
KS2: ARCTIC RED: dark grey to brown or black shale and interbeds of siltstone	LDqO: OLD CROW SUITE: medium to coarsely crystalline leucocratic Bt granite
KM3: sandstone and shale	LDyO: OLD CROW SUITE: leucocratic syenite to Hbl nepheline syenite
KM2: EAGLE PLAIN: medium to dark grey shale and mudstone	<b>UPPER DEVONIAN</b>
IKM4: MOUNT GOODENOUGH: sandstone, siltstone, shale and locally conglomerate	uDDC: DARCY CREEK: conglomerate
IKM3: shale, siltstone, sandstone and coal	uDI: IMPERIAL: dark grey shale and siltstone, lithic sandstone
IKM2: MCGUIRE: shale, thin beds of siltstone and argillaceous bioturbated sandstone	<b>LOWER AND MIDDLE DEVONIAN</b>
IKM1: MARTIN CREEK: fine-grained quartz arenite	DG2: OGILVIE: dark grey and black, fine-grained limestone
<b>JURASSIC AND LOWER CRETACEOUS</b>	<b>UPPER CAMBRIAN TO LOWER DEVONIAN</b>
JKH3: HUSKY: dark grey shale, siltstone and ironstone	CDb1: BOUVETTE: grey and buff-weathering dolostone and limestone
JKH2: PORCUPINE RIVER: siltstone and light grey fine to very fine grained sandstone	<b>CAMBRIAN TO DEVONIAN</b>
JKH1: KINGAK: dark grey siltstone and shale	CSB3: BARN: dark grey, black and bright green chert, dark grey siltstone, shale, argillite
<b>JURASSIC</b>	CDR: ROAD RIVER - RICHARDSON: black graphitic shale, limestone and minor chert (undivided)
JB2: BUG CREEK: succession of alternating coarse and fine clastic formations	<b>NEOPROTEROZOIC</b>
<b>LOWER AND MIDDLE PERMIAN</b>	LPF1: FRANKLIN: medium-grained gabbro dikes
PJC2: SADLERCHIT: shale, siltstone and limestone	uPC5: CHO'ONJIK: tectonic melange
PJC1: JUNGLE CREEK: chert pebble conglomerate, sandstone and shale	uPC4: FRED CREEK: orange-weathering dolostone
<b>UPPER CARBONIFEROUS</b>	uPC3: CARIBOU BAR: black calcareous shale/slate, argillaceous lime mudstone, dolostone
CE: ETTRAIN: fossiliferous limestone and glauconitic sandy carbonate	uPC2: SUNHAGUN: white quartz arenite
<b>CARBONIFEROUS</b>	uPC1: LAHCHAH: brown weathering sandstone and shale
CL: LISBURNE: limestone, sandy to silty dolostone, siltstone and shale	<b>MESO TO NEOPROTEROZOIC</b>
	uPP3: PINGUICULA: undivided red, green and grey slaty argillite, light grey quartzite, dolostone



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**BEDROCK GEOLOGY  
 OLD CROW (116N & 116O)  
 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).*