

# Vuntut planning

## QUATERNARY

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

## LOWER TERTIARY, MOSTLY (?) EOCENE

**ITR3** ITR: ROSS  
mixed bimodal volcanics (basalt (1), rhyolite (2)) and terrestrial clastics (3), dominantly along or near Tintina Fault; farther removed scattered occurrences of rhyolitic lava and dikes (4) are also included

## LOWER CRETACEOUS AND (MOSTLY) UPPER CRETACEOUS

**KM2** KM: MONSTER  
**KM3** diverse assemblage of fine to coarse clastics, marine and non-marine (1) to (7) deposited in foredeep of Cordilleran orogen

## LOWER CRETACEOUS

**KS2** KS: SHARP MOUNTAIN  
**KS3** fine and coarse clastic assemblage, mostly marine (1) to (7) deposited in foredeep of Cordilleran orogen  
**KS4**  
**KS7**

**IKM1** IKM: MOUNT GOODENOUGH  
**IKM2** shale, siltstone, and sandstone (1) to (6) comprising alternating fine and coarse clastic units  
**IKM3**  
**IKM4**  
**IKM5**  
**IKM6**

## JURASSIC AND LOWER CRETACEOUS

**JKH1** JKH: HUSKY  
**JKH2** shale and siltstone (1) and (3) and laterally equivalent coarser grained siltstone and sandstone (2) and (4) and undivided clastic strata (5) deposited on a marine shelf  
**JKH3**  
**JKH5**

## JURASSIC

**JB2** JB: BUG CREEK  
several cycles of shale and shelf sandstone in northern Yukon (2), fining generally to the northwest (3), and including equivalent generally fine clastic strata in central Yukon (1)

## TRIASSIC

**TrS** TrS: SHUBLIK  
commonly bioturbated, calcareous shale, siltstone and sandstone; silty bioclastic limestone; local hummocky cross stratification

## LOWER AND MIDDLE PERMIAN

**PJC1** PHC: JUNGLE CREEK  
**PJC2** clastic assemblage with some carbonate (1) but including undifferentiated clastics and carbonates of mostly (?) equivalent age (2) and a separately mappable partly equivalent carbonate (3) and conglomerate (4)  
**PJC3**  
**PJC4**

## UPPER DEVONIAN TO PERMIAN

**uDPF1** uDPF: FORD LAKE  
**uDPF3** generally fine to coarse grained clastic succession equivalent to Canol, Imperial and (?) Tuttle assemblages (1) or including these and younger formations undivided (2) and (3)  
**uPCN**  
**uPCN2**

**CE** CE: ETTRAIN  
cherty, echinoderm-bryozoan and ooid lime grainstone and mixed-skeletal lime packstone; glauconitic sandy carbonate; local quartz-chert siltstone and sandstone; marine

## LOWER AND UPPER CARBONIFEROUS

**CH1** CH: HART RIVER  
**CH2** dominantly carbonate assemblage (1) with equivalent local clastics (2)

## CARBONIFEROUS

**CL** CL: LISBURNE  
lime mudstone and wackestone, mixed skeletal lime packstone and grainstone; fine crystalline, sandy to silty dolostone; siltstone and shale; lime grainstone and packstone; ooid- and skeletal-ooid grainstone

**CKY** CKY: KAYAK  
basal dark grey to black shale and siltstone with lesser thin bedded, locally conglomeratic sandstone grading upward to dark grey, calcareous shale with minor argillaceous, silty lime packstone and wackestone; basal parts coal bearing

## CARBONIFEROUS

**ICK** ICK: KEKIKTUK  
pebble-to-boulder conglomerate with subordinate conglomeratic sandstone and minor shale; clasts dominantly chert, but include white vein quartz, grit, sandstone, siltstone and scattered granitic clasts

## LOWER CARBONIFEROUS

**ICT** ICT: TUTTLE  
chert granule to pebble conglomerate and conglomeratic sandstone with subordinate siltstone and shale; minor coal; includes unnamed partly correlative light grey medium grained sandstone and dark grey shale; pro-deltaic, deltaic, and fluvial

## DEVONIAN

**MLDqQ** MLDO: OLD CROW SUITE  
**MLDyQ** Paleozoic granitic rocks in northern Yukon of mostly granitic (q) but including some of syenitic (y) composition

## UPPER DEVONIAN

**uDI** uDI: IMPERIAL  
rusty-weathering dark grey shale and siltstone generally in lower part of succession overlain by dark grey fine grained lithic sandstone and siltstone; siltstone and sandstone commonly as sharp-based graded beds

**uDC** uDC: CANOL  
dark grey to black non-calcareous, soft to very hard shale with scattered, orange-weathering, carbonate nodules and minor chert

## UPPER SILURIAN TO LOWER DEVONIAN

**SDD** SDD: DELORME  
buff to orange weathering, well bedded, buff, light grey, brownish grey and dark grey, very fine grained dolomite; platy to flaggy, wavy banded blue-grey silty limestone with rare thin beds of buff-weathering dolomite

## LOWER AND MIDDLE DEVONIAN

**DG2** DG: GOSSAGE  
**DG3** assemblage consists of limestone and dolostone (1) and partly equivalent black limestone (2) and shale (3)

## UPPER CAMBRIAN TO LOWER DEVONIAN

**CDB1** CDB: BOUVETTE  
**CDB3** lower Paleozoic undivided carbonate (1) with locally named tongues (?) (2) and (3)

## CAMBRIAN TO DEVONIAN

**CDR** CDR: ROAD RIVER - RICHARDSON  
**CDR2** black graptolitic shale, limestone and minor chert with mappable subdivisions (1) through (5) in Richardson Mtns; correlations with Selwyn Mtns. include: lower (2) with COR, upper (2) with OSR1, (4) with OSR2 and (5) with lower DME2  
**CDR4**  
**CDR5**

## UPPER CAMBRIAN

**uCT** uCT: TAIGA  
stippled yellow and orange weathering fine crystalline, light grey limestone; light grey weathering, thick bedded and massive dolostone; minor brown and green shale

## LOWER AND MIDDLE CAMBRIAN

**ImCS1** ImCS: SLATS CREEK  
siltstone, sandstone and shale (1) and partly (?) correlative clastic rocks (2)

## LOWER CAMBRIAN

**ICI1** ICI: ILTYD  
limestone assemblage (1) (2), (3); also includes carbonate strata of uncertain Proterozoic to Cambrian age

## LOWER PROTEROZOIC

**IPQ** IPQ: QUARTET  
black weathering shale, finely laminated dark grey weathering siltstone, and thin to thickly interbedded planar to cross laminated light grey weathering siltstone and fine grained sandstone; minor interbeds of orange weathering dolostone in upper part

## MIDDLE PROTEROZOIC

**mPH1** mPH: HART RIVER  
**mPH2** mafic volcanic flows (1) and (3) and their possible intrusive equivalents (2)