

- ### LEGEND
- QUATERNARY**
- Q Unconsolidated alluvium, colluvium and glacial deposits
- EOCENE(?)**
- 11 Medium to coarsely crystalline syenite. Predominantly randomly oriented pink K-feldspar crystals with lesser dark green hornblende.
- DEVONIAN to MISSISSIPPIAN EARN GROUP**
- 10 Dark grey to black, carbonaceous shale, siltstone, chert and siliceous limestone. Weathers recessively to pale bluish-grey.
- MIDDLE DEVONIAN**
- 9 Buff- to grey-weathering, medium grey, argillaceous limestone. Micritic with the exception of local thin grainstone beds (< 10 cm) containing *Gastereocma bicaula* and other crinoids. Black calcareous shaly partings between more resistant limestone beds.
 - 8 Buff-weathered, platy, dark grey siltstone, very fine-grained sandstone and fissile, silty shale. The siltstone and sandstone are dolomitic and finely micaceous. They exhibit fine parallel laminae and contain scattered crinoid and brachiopod fragments.
- ORDOVICIAN to SILURIAN ROAD RIVER GROUP**
- 7 Dark grey to black, locally calcareous, graptolitic shale or siltstone with lesser very fine-grained sandstone, chert (porcellanite) and limestone. The unit weathers recessively and contains few brachiopods, and crinoids.
- LOWER PALEOZOIC (AGE UNCERTAIN)**
- 6 Grey to buff, quartz-rich sandstone to pebbly grit. Grains are subround to round. Contains beds up to 2 m thick of heavily burrowed, slightly dolomitic, very fine-grained sandstone and siltstone.
 - 5 Mottled light to dark grey dolostone. Micritic to sugary, local black chert nodules present. Weathers light brownish-grey to buff.
 - 4 Grey- to tan-weathering limestone. Massive, finely crystalline and barren of fossils (after Burt, 1983).
- PRECAMBRIAN TO LOWER PALEOZOIC (AGE UNCERTAIN)**
- 3 Green to grey, locally greyish-red, banded siltstone with very fine-grained sandstone. Sandstone beds, 1 to 5 cm thick, are quartzose, internally laminated, and graded. The unit also includes soft sediment deformation, minor green matrix-supported conglomerate beds, and starved ripples.
 - 3a Greyish-red, clast-supported conglomerate. Clasts are subangular to subround, commonly pebble to cobble size (maximum 40 cm across). Clasts predominantly basalt with lesser amounts of vein quartz, carbonate, and sandstone. Unit is up to 20 m thick.
 - 2 Black, silty shale, platy to fissile. Weathers medium grey to rusty. Contains wavy parallel laminae spaced 2 to 10 mm.
 - 1 White to light grey quartzite. Very fine-grained to sugary, massive to faintly laminated.

- ### SYMBOLS
- Geological contacts (defined, approximate, assumed, covered)
 - Fault (displacement unknown (defined, approximate, covered))
 - Limit of mapping
 - Metamorphic hornfels line (symbol on higher grade side)
 - Limit of outcrop
 - Bedding (upright, overturned)
 - Dominant foliation (transposition foliation; commonly parallel to compositional layering; inclined, vertical)
 - Fold axial surface trace (antiform: upright, overturned; synform: upright, overturned)
 - Line of cross-section
 - Gossan

MINERAL OCCURRENCES Yukon Minfile, 1997			
95C 023	TROUT, POOL	vein	◇
95C 051	BEAU, DUNN, KIDD, SID, VISTA	skarn	◇
95C 068	BEAV	sedex	◇
95C 069	TRANZ	work target	★
95C 070	THOR	work target	★

- ### REFERENCES
- Burt, P. 1983. Geological, geochemical and geophysical report of work performed during June and July of 1983 on the Beav 1 to 180 claims. Unpublished Assessment Report # 091486. Mineral Resources Directorate, Yukon, Indian and Northern Affairs Canada, 46 p.
- Burt, P. 1984. Diamond drilling report of work performed during June, July and August 1984 on the BEAV 1 to 180 claims. Unpublished Assessment Report # 091613. Mineral Resources Directorate, Yukon, Indian and Northern Affairs Canada, 11 p.
- Cathro, R.J. 1983. Report on Geological and geochemical surveys conducted July 12-August 17, 1982. Tranz 1-4 claims - YA69631-YA69644. Unpublished Assessment Report # 091459. Mineral Resources Directorate, Yukon, Indian and Northern Affairs Canada, 9 p.
- Leighton, D.G. 1980. Diamond drill report on the Kid 1-18 mineral claims Beaver River, Yukon Territory. Unpublished Assessment Report # 090872. Mineral Resources Directorate, Yukon, Indian and Northern Affairs Canada, 2 p.
- Leighton, D.G. 1980. Diamond drill report on the Sid 1-6 mineral claims Beaver River, Yukon Territory. Unpublished Assessment Report # 090664. Mineral Resources Directorate, Yukon, Indian and Northern Affairs Canada, 2 p.
- Leighton, D.G. 1980. Diamond drill report on the Vista 1-16 mineral claims Beaver River, Yukon Territory. Unpublished Assessment Report # 090663. Mineral Resources Directorate, Yukon, Indian and Northern Affairs Canada, 2 p.

RECOMMENDED CITATION

Allen, T.L. and Pigage, L.C., 2000. Geological map of Pool Creek (NTS 95C/5), southeastern Yukon (1:50 000 scale). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada. Open File 2000-11.

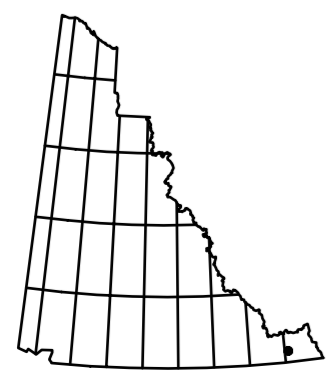
Digital cartography and drafting by T.L. Allen, Yukon Geology Program.

Any revisions or additional geological information known to the user would be welcomed by the Yukon Geology Program.

Copies of this map, the accompanying report and Yukon Minfile may be purchased from the Geoscience Information and Sales, c/o Whitehorse Mining Recorder, Indian and Northern Affairs Canada, Room 102-300 Main St. Whitehorse, Yukon, Y1A 2B5. Ph. 867-667-3266, Fax. 867-667-3267.

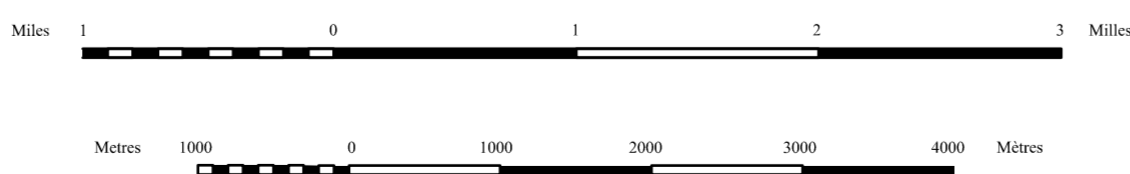
Keep this map in a dark area to keep colours from fading.

**POOL CREEK
YUKON TERRITORY
SCALE 1:50 000**

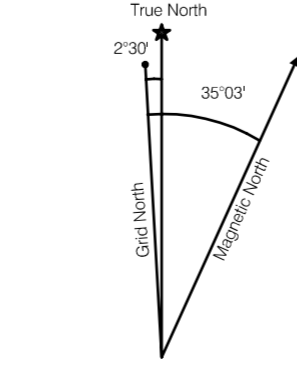


Topographic base produced by
SURVEY AND MAPPING BRANCH
DEPARTMENT OF ENERGY, MINES
AND RESOURCES
Copyright Her Majesty the Queen
in Right of Canada

ONE THOUSAND METRE
Universal Transverse Mercator Grid
ZONE 10



CONTOUR INTERVAL 100 FEET
Elevations in feet above Mean Sea Level
North American Datum 1983
Transverse Mercator Projection



Lines drawn to 1983 magnetic values.
APPROXIMATE MEAN DECLINATION 1985
FOR CENTRE OF MAP
Annual change decreasing 4.0'

95D/9	95C/12	95C/11
95D/8	THIS MAP	95C/6
95D/1	95C/4	95C/3

Indian and Northern Affairs Canada
Exploration and Geological Services Division
Yukon Region

Open File 2000-11
Geological Map of Pool Creek
(NTS 95C/5),
Southeastern Yukon (1:50 000 scale)

by
T.L. Allen and L.C. Pigage
Yukon Geology Program
Geoscience Office