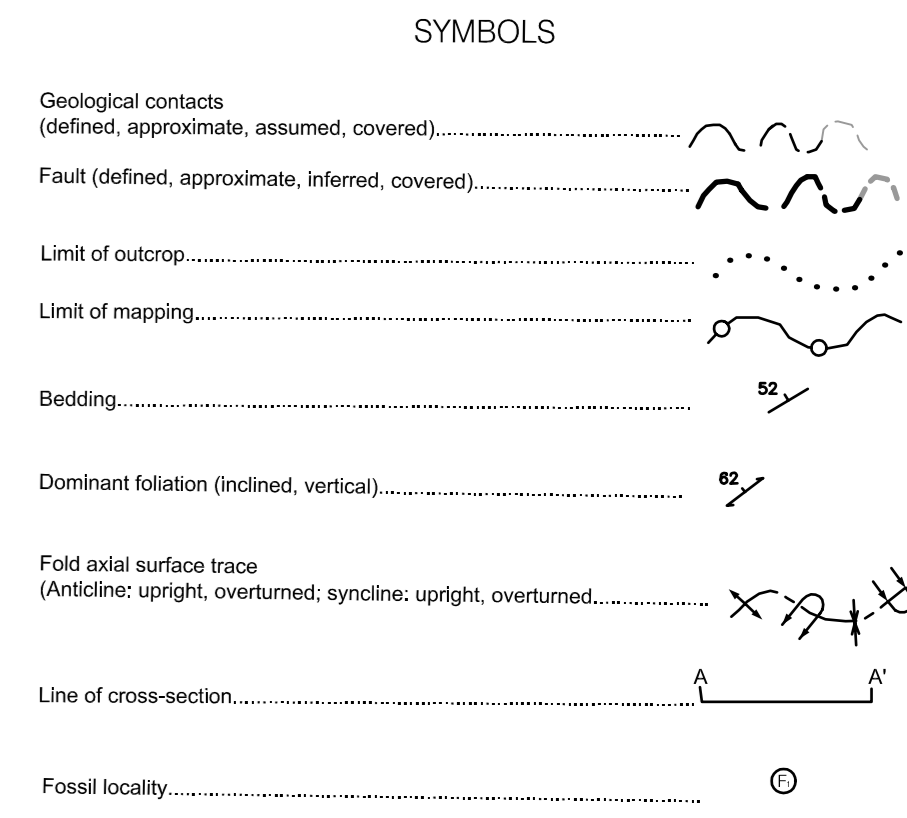


- QUATERNARY**
- Q Unconsolidated alluvium, colluvium and glacial deposits
- INTRUSIVE ROCKS**
- PPum Yellow-green weathering, pale green to tan, variably serpenitized ultramafic rock. Texture varies from scaly and foliated to massive, with pseudomorphs after orthopyroxene. Intrusive contacts are locally preserved. Nephrite jade is locally developed near basal contact.
- LAYERED ROCKS**
- MID-PERMIAN**
- PpCgl Red-brown to pale green matrix- and framework-supported polymictic conglomerate, pale green sandstone and lesser dark grey shale. Conglomerate clasts include porphyritic basalt, aphyric massive basalt, chloritic phyllite, quartz-mica phyllite, siliceous carbonaceous phyllite, carbonate, white bull quartz and chert. Clasts of serpentinite, blueschist and eclogite have been reported from this unit elsewhere (Mortensen, Erdmer and Ghent, 1997). Mid-Permian conodonts have been reported from this unit in Watson Lake map area (J. Mortensen, pers. comm., 2000).
- PENNSYLVANIAN and/or LOWER PERMIAN**
- PPCst Dark green, grey-green weathering, variably foliated, meta-basalt; mainly massive, but locally fragmental and less commonly pillowy textures are present. Gabbro and diabase, pink and green chert occur locally. Unit PpC7b in the southeastern corner of the map area resembles this unit but a firm correlation can not be established. It ranges from highly foliated to massive and is characterized by mm- to dm-scale lenses of carbonate (amygdules?).
 - PPC7cg Ferruginous tectonite-clast pebble and cobble breccia, conglomerate, gritty sandstone and red phyllite-matrix diamictite overlain by light grey quartz sandstone interbedded with quartz-pebble conglomerate. Chocolate brown dolomitic sandstone and brown-grey siliceous phyllite/chert occur locally. Siliceous tectonite clasts are identical to underlying unit Pch.
 - Pch Foliated and lineated grey, black and white argillite and chert; pink, green and tan chert; dark argillite and chert-pebble conglomerate. Uncommon lenses of brown carbonate. May be equivalent to unit Pcl.
 - Pcl Dark grey to black carbonaceous argillite, dark grey chert, dark grey matrix-supported diamictite, grey chert-pebble conglomerate, grey-brown, poorly sorted, quartzofeldspathic greywacke, uncommon tan quartz sandstone. Uncommon limestone-pebble conglomerate at base.
 - Pt Massive to thickly bedded, light to medium grey, light grey-weathering marble. Locally chertoidal. Pennsylvanian to Early Permian conodonts have been reported from this unit elsewhere (Orchard, M. in Gordey and Makepeace, 1999).
- MISSISSIPPIAN**
- Mv Light to medium green, locally quartz- and feldspar-phyric, intermediate meta-volcanic rocks. A Mississippian U-Pb age has been reported for this unit (Mortensen, 1992).
 - Mgc Undifferentiated pale to olive green, locally magnetite-bearing chert and argillite, dark grey argillite and chert, and light grey-weathering, light to medium grey massive marble. Equivalent to units Mgc, Mch, and Mc in neighbouring 105H4.
 - Mwu Undifferentiated thinly bedded, muscovite-quartz phyllite (felsic meta-tuff and siliceous meta-schist), carbonaceous phyllite and chloritic phyllite (meta-basalt) of the upper part of the Wolverine Succession of Murphy and Piercey (1999).

LEGEND



MINERAL OCCURRENCES
Yukon Minfile (1997)

105H 016	▲	TUCHITUA	jade, asbestos
105H 078	◇	MONEY	Cu

REFERENCES

GORDEY, S.P. and MAKEPEACE, A.J., 1999. Yukon digital geology. S.P. Gordey and A.J. Makepeace (comp.), Geological Survey of Canada, Open File 03626 and Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1999-1.

MORTENSEN, J.K., 1992. Pre-mid-Mesozoic tectonic evolution of the Yukon-Tanana terrane, Yukon and Alaska. *Tectonics*, v. 11, p. 836-853.

MORTENSEN, J.K., ERDMER, P. and GHENT, E.D., 1997. Westerly derived Upper Triassic clastic sedimentary rocks in southeastern Yukon: evidence for Early Mesozoic terrane interaction with the western margin of ancestral North America. In F. Cook and P. Erdmer (compilers), 1997. Slave-Northern Cordillera Lithospheric Evolution (SNORCLE) Transect and Cordilleran Tectonics Workshop Meeting, Abstracts, Lithoprobe Report No. 56, 245 pp.

MURPHY, D.C. and PIERCEY, S.J., 1999. Geological map of Wolverine Lake area, Pelly Mountains (NTS 105G/8), southeastern Yukon (1:50 000 scale). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1999-3.

YUKON MINFILE, 1997. Frances Lake, NTS 105H. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada. Also available from Hyperborean Productions.

ACKNOWLEDGEMENTS

The author would like to thank Terry Tucker of Expatriate Resources for sharing his knowledge of the Finlayson Lake area, permitting access to geophysical data and company geological maps, and hospitality at the Expatriate camp on Wolverine Lake; and Jim Mortensen for extensive discussions about the geology of the Banana and for providing access to maps. Joshua Bailey provided excellent field assistance. Karl Ziehe and Trevor Boxall of Helicyonics and Robin Ostertag of Conair provided safe and uneventful helicopter service.

RECOMMENDED CITATION

MURPHY, D. C., 2000. Preliminary geological map of part of Money Creek area (105H/5), southeastern Yukon (1:50 000 scale). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 2000-17.

Digital cartography and drafting by D.C. Murphy, Yukon Geology Program.

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

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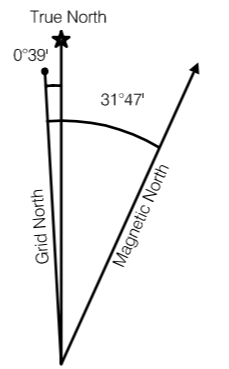
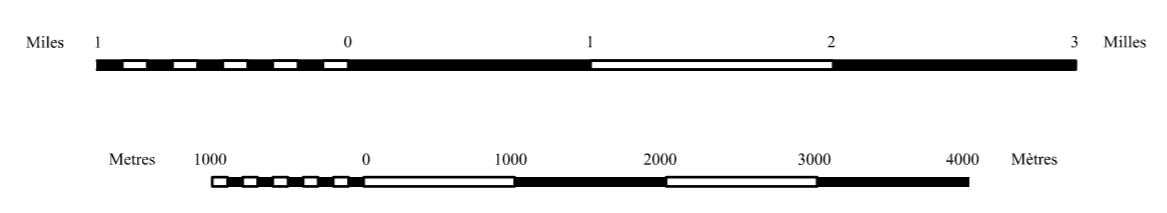
Store this map in a dark area to prevent colours from fading.

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Yukon Region

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Preliminary geological map of part of
Money Creek area (105H/5),
southeastern Yukon (1:50 000 scale)

by
Donald C. Murphy
Yukon Geology Program

MONEY CREEK
YUKON TERRITORY
SCALE 1:50 000



Use diagram to obtain numerical values
APPROXIMATE MEAN DECLINATION 1985
FOR CENTRE OF MAP
Annual change decreasing 8.3"

105 G/9	105 H/12	105 H/11
105 G/8	105 H/5 THIS MAP	105 H/6
105 G/1	105 H/4	105 H/3



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ONE THOUSAND METRE
Universal Transverse Mercator Grid
ZONE 9

CONTOUR INTERVAL 20 METRES
Elevations in metres above Mean Sea Level
North American Datum 1983
Transverse Mercator Projection