







PRELIMINARY GEOLOGY

BROWN LAKE (95C/7)

YUKON TERRITORY

Scale 1:50 000 Échelle 1/50 000

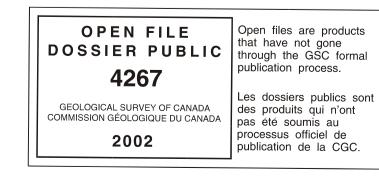
Kilometres 1 0 1 2 3 Kilomètres

Universal Transverse Mercator Projection

North American Datum 1983

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Projection transverse universelle de Mercator Système de référence géodésique nord-américain, 1983 © Sa Majesté la Reine du chef du Canada 2002

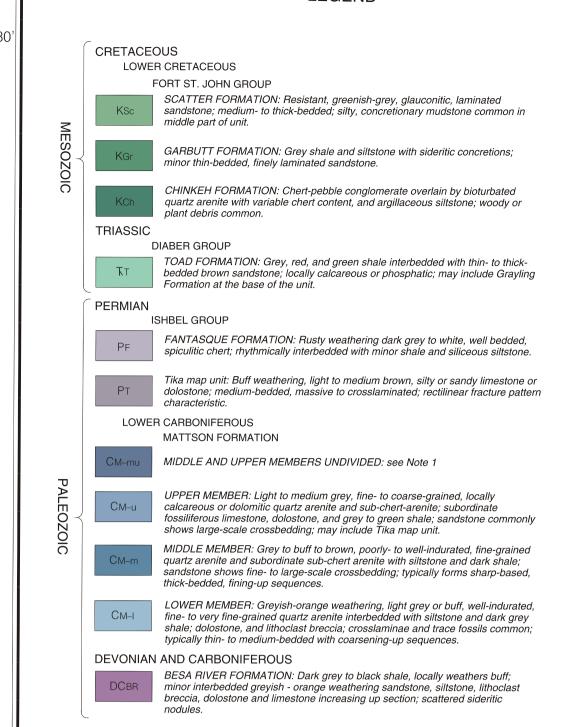


95C/10 Whitefish River Chinkeh Creek Creek GSC OF 1660 GSC OF 1674 95C/6 95C/7 Brown Lake Mountain GSC OF 4267 GSC OF 1563 95C/3 95C/2 Mooney Creek Martin GSC OF 4264

NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX

TO ADJOINING GEOLOGICAL SURVEY OF CANADA MAPS

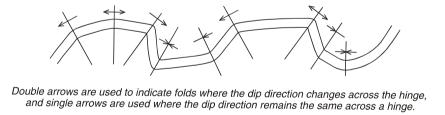
LEGEND



MAP SYMBOLS

Geological boundary (defined, approximate, assumed)	
Limestone marker beds	~~~~~
Nomenclature change	
Outcrop stations	×
Outcrop; observation by helicopter	\otimes
Bedding (inclined, horizontal); tops established by sedimentary structures and/or stratigraphic order	60 +
Fractures	60
Joints	//60
Anticline (defined, approximate, assumed)	<u> </u>
Syncline (defined, approximate, assumed)	* -**
Anticlinal kink fold - (defined, approximate, assumed) (See diagram below)	$\rightarrow \rightarrow $
Synclinal kink fold- (defined, approximate, assumed) (See diagram below)	
Fault, thrust (defined, approximate)	
Fault, unkown type (defined)	U
(U on upthrown side, D on downthrown side)	D

FOLD SYMBOLOGY



NOTES:

- Middle and Upper members of the Mattson Formation are not divided in the western part of the map area due to generally poor exposure.
- Large bedrock slumps may lead to locally inaccurate structure orientations or
 buried contacts.
- 3. Tika Formation extended and mapped in 2002.

Compilation by A. K. Khudoley based on fieldwork and studies of vertical air photographs 2001.

THIS MAP IS A PRODUCT OF THE CENTRAL FORELAND NATMAP PROJECT Significant funding from the Yukon Oil and Gas Branch, Department of Economic Development, is gratefully acknowledged.

Geology from field work by A. K. Khudoley 2001, with contributions from K. Fallas

Geological cartography by S. J. Hinds

Any revisions or additional geological information from the user would be welcomed by the Geological Survey of Canada

Base map at the same scale published Surveys and Mapping Branch in 1971

CONTOUR INTERVAL 100 FEET

Elevations in Feet above Mean Sea Level

Recommended citation:

Khudoley A. K.
2002: Preliminary Geology of Brown Lake (95C/7), Yukon Territory; Geological Survey of Canada, Open File map 4267, scale 1:50 000.