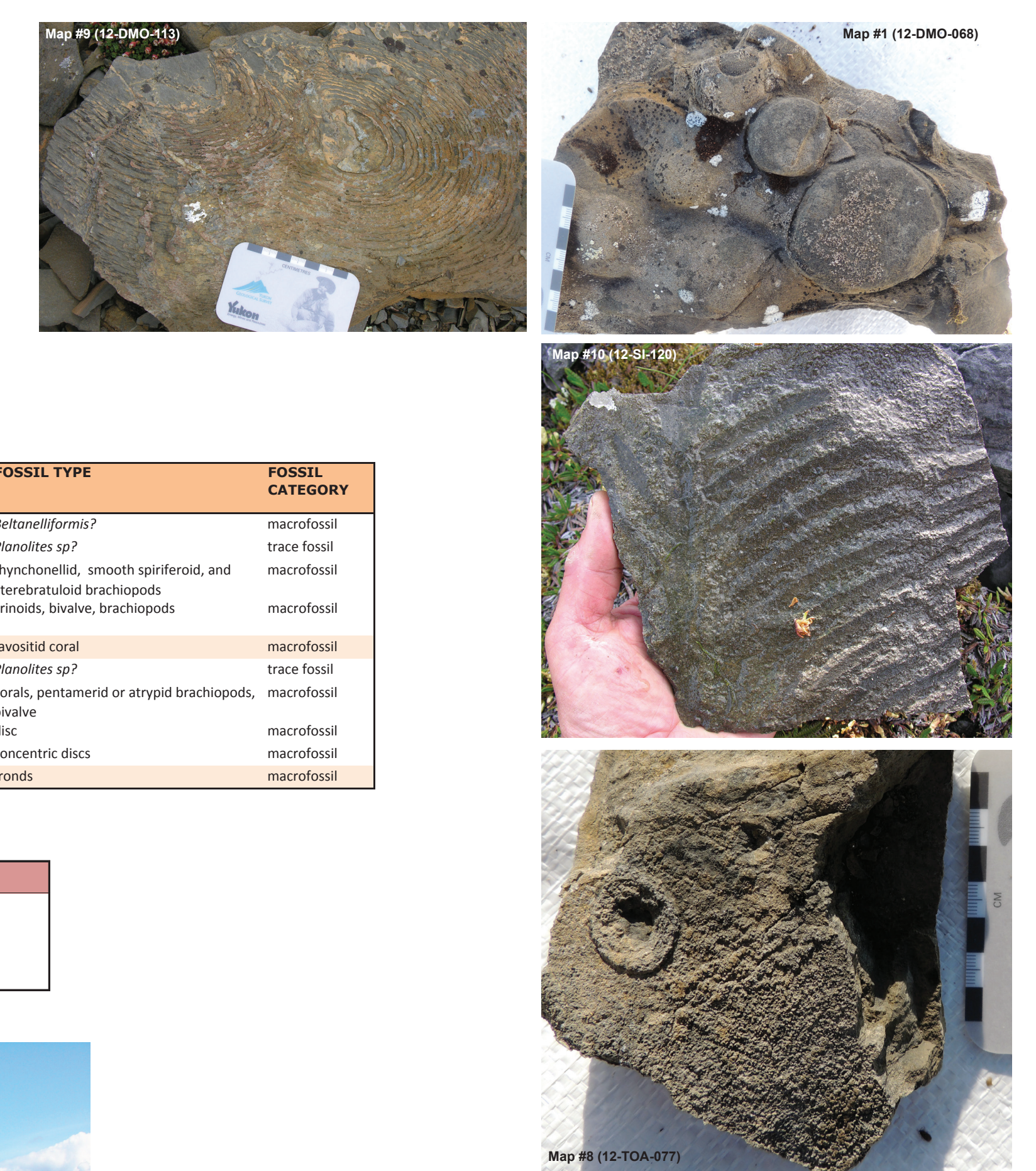


MAP #	DISC CURATION#	AGE	MAP UNIT	AUTHOR	DATE	STATION	REPORT #	NTS SK	FOSSIL TYPE	FOSSIL CATEGORY
1		Ediacaran?	PNI		2012	12-GMO-068		106C/1	<i>Bellonelliformis</i> ?	macrofossil
2		Ediacaran-Cambrian?	PChn		2012	ATAC Resources		106C/1	<i>Planolites</i> sp?	trace fossil
3		Late Devonian (Famennian) to Mississippian	DMEc	R. Blodgett	2012	12-MAC-062-1		106C/1	<i>Rhynchonella</i> , smooth spiriferoid, and <i>Trematostaid</i> brachiopods	macrofossil
4		Late Paleozoic, probably Mississippian	Mc	R. Blodgett	2012	12-TOA-021-2		106C/1	crinoids, bivalves, brachiopods	macrofossil
5		probably Silurian	OSc	R. Blodgett	2012	12-MAC-032		106C/1	fenestoid coral	macrofossil
6		Ediacaran-Cambrian?	Pha		2012	12-SI-050		106C/1	<i>Planolites</i> sp?	trace fossil
7		Silurian (Wenlock-Ludlow)	OSc	R. Blodgett	2012	12-MAC-041-1		106C/1	corals, pentamerid or atrypid brachiopods, bivalve	macrofossil
8		Ediacaran?	PBI		2012	12-TOA-077		106C/1	disc	macrofossil
9		Ediacaran?	PNq		2012	12-GMO-113		106C/1	concentric discs	macrofossil
10		Ediacaran?	Pha		2012	12-SI-120		106C/1	fronds	macrofossil

MINFILE #	NAME	SYMBOL	STATUS	COMMODITY	DEPOSIT TYPE
IS5		Yellow diamond	Drilled prospect	Au	Carlin-type Au
OSIRS		Yellow diamond	Drilled prospect	Au	Carlin-type Au
CONRAD		Yellow diamond	Drilled prospect	Au	Carlin-type Au
PHARDAH		Yellow diamond	Prospect	Au	Carlin-type Au
SCARLET EAST		Red diamond	Anomaly	Ms	Carlin-type Au



Upper part of the Neoproterozoic stratigraphy west of Mount Stenbraten. The upper Nadaleen assemblage is approximately 50 m thick in this area.



Debris flow deposit comprising carbonate boulders in a carbonate matrix. Bed is approximately 20 m thick and overlies interbedded mudstone and limestone of the lower Nadaleen assemblage.

Possible Ediacaran fossils from Neoproterozoic rocks in the area. **Top left:** concentric discs from the lower Nadaleen assemblage (Fossil collection #9). **Top right:** *Bellonelliformis* sp.? from the lower Nadaleen assemblage (Fossil collection #1). **Centre:** branching fronds from the upper Stenbraten-Algae contact (Fossil collection #10). **Bottom:** disc from the upper Stenbraten assemblage (Fossil collection #8).

NOTES
Geology by D. Moynihan, S. Israel, M. Colpron (2012), and G. Abbott (2011-2012). Thanks to Rackla Metals Inc. for providing the geological map of the Scarlett East area by G. Abbott (2011). Geology of the Osiris-Conrad area is mainly from mapping by ATAC Resources Ltd. Thanks to ATAC Resources Ltd. also for sharing geological knowledge of the area and geophysical data. The area south of the Stewart River has not been mapped in detail. Don Murphy helped with mapping around the Osiris-Conrad area. Nikolett Kovacs, Julia Quigley, Katrina Spencer, Chelsea Raley, Patrick Saek, Lara Lewis, and Jaap Verbaas provided assistance in the field.

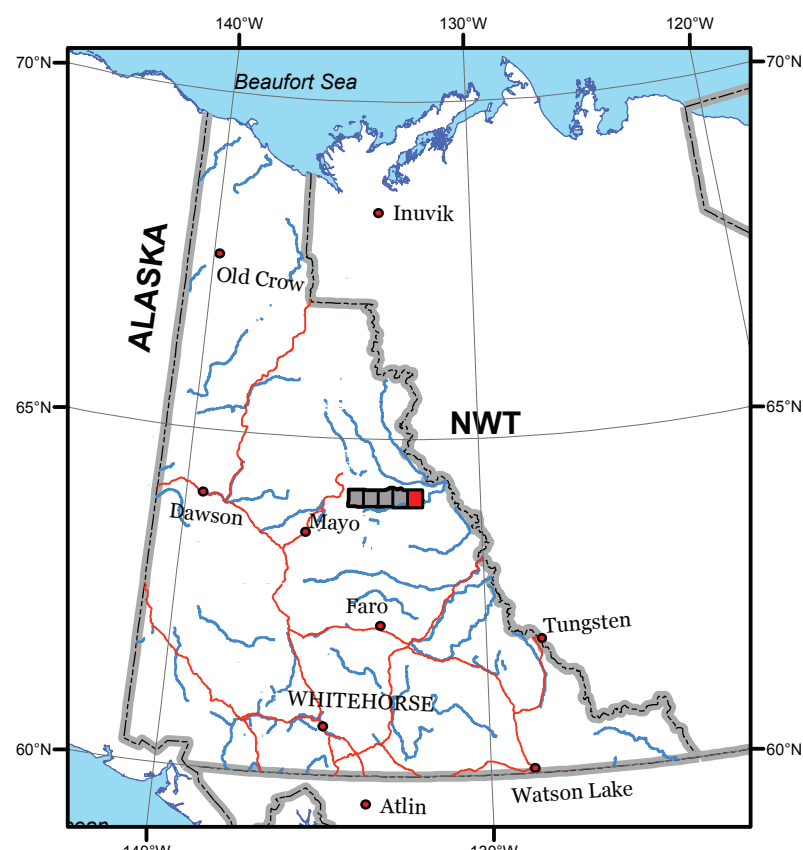
RECOMMENDED CITATION
COLPRON, M., MOYNIHAN, D., ISRAEL, S., and ABBOTT, G., 2013. Geological map of the Rackla belt, east-central Yukon (NTS 106C/1-4, 106D/1). Yukon Geological Survey, Open File 2013-13, 1:50 000 scale, 5 maps and legend.

Digital cartography and drafting by Maurice Colpron, Samantha Darling, and Olwyn Bruce Yukon Geological Survey.

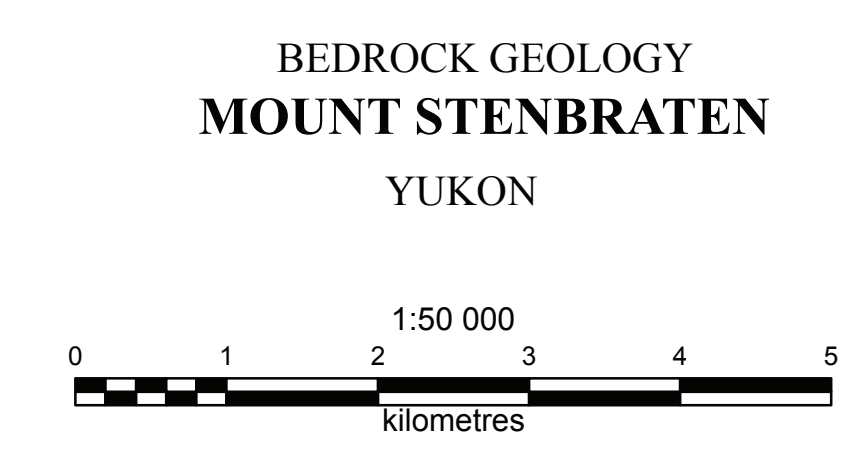
Any revisions or additional geological information known to the user would be welcomed by the Yukon Geological Survey.
Paper copies of this map may be obtained from Geoscience Information and Sales, Yukon Geological Survey, Energy, Mines and Resources, Yukon Government, P.O. Box 2703 (K-102), Whitehorse, Yukon, Y1A 2Z6. Ph. 867-667-3201, Fax. 867-667-3198, Email: geosales@gov.yk.ca.

A digital PDF (Portable Document File) file of this map may be downloaded free of charge from the Yukon Geological Survey website: <http://www.geology.gov.yk.ca>.

Yukon Geological Survey
Energy, Mines and Resources
Government of Yukon
Open File 2013-13
Geological map of the Rackla belt,
east-central Yukon (NTS 106C/1-4, 106D/1)
(1:50 000 scale)
Sheet 1 - Mount Stenbraten (106C/1)
by
Maurice Colpron, David Moynihan, Steve Israel, and Grant Abbott



1:50 000-scale topographic base data produced by CENTRE FOR TOPOGRAPHIC INFORMATION, NATURAL RESOURCES CANADA
ONE THOUSAND METRE GRID
Universal Transverse Mercator Projection
North American Datum 1983
Zone 8
CONTOUR INTERVAL 100 FEET
Elevations in metres above Mean Sea Level



True North
2°28'
22°15'
MAGNETIC NORTH
Use diagram only to obtain numerical values APPROXIMATE MEAN DECLINATION 2013 FOR CENTRE OF MAP

106C/7	106C/8	106B/5
002 CREEK	DUO CREEK	
106C/2	106C/1	106B/4
ORTELL LAKE	THIS MAP	
105N/15	105N/16	105O/13
MOUNT ORTELL		ENARSON CREEK