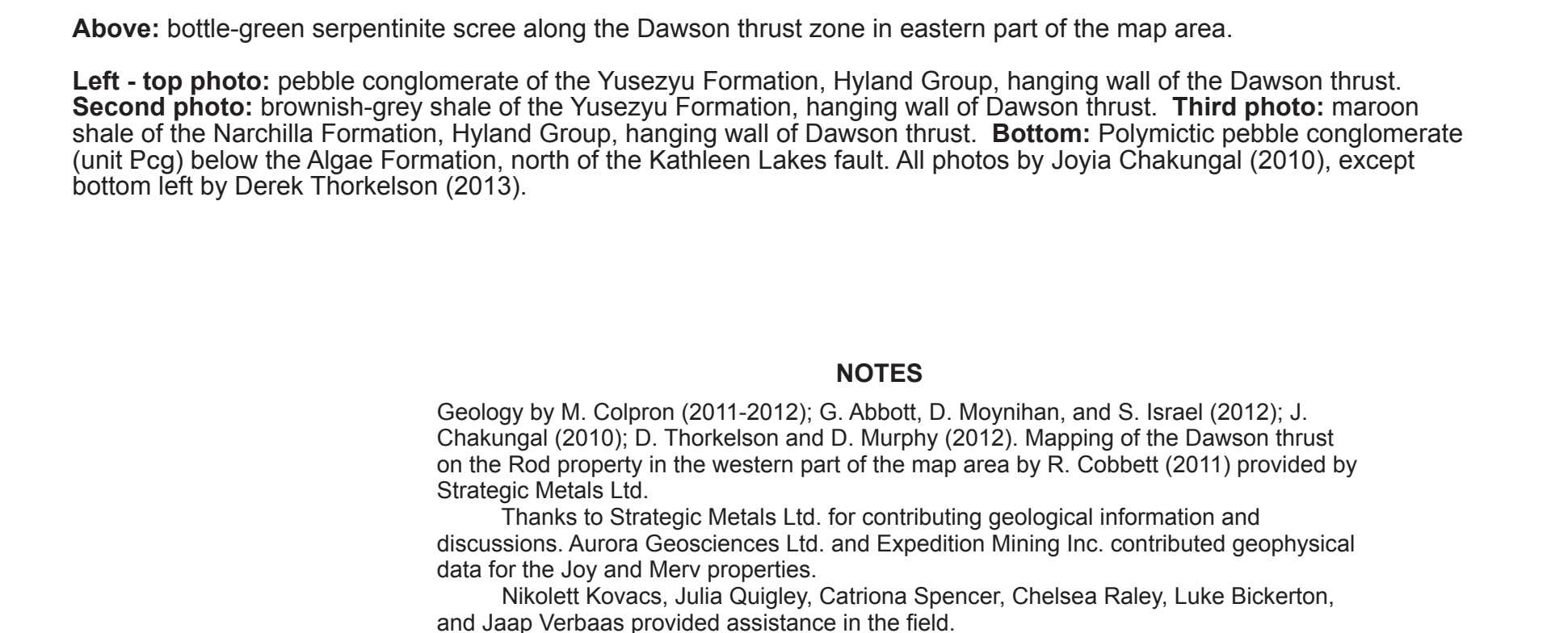


**Fossil Collections**

MAP#	GSC CURATION#	AGE	MAP UNIT	AUTHOR	DATE	STATION	REPORT #	NTS 50K	FOSSIL TYPE	FOSSIL CATEGORY
1	C-108295	Early Permian	CPI	M.J. Orchard	1990	90-T04-12-1	MJD 1995-24	106C/4	conodonts	microfossil
2	C-108298	Early Permian	CPI	M.J. Orchard	1990	90-T04-12-6	MJD 1995-24	106C/4	conodonts	microfossil

**MINERAL OCCURRENCES**

MINIFILE #	NAME	SYMBOL	STATUS	COMMODITY	DEPOSIT TYPE
106C 072	LINDBERG	▲	Anomaly		Sedimentary Lithative Zn-Pb-Ag (Sedex)
106C 082	EDINA	◆	Drilled prospect	Pb-Ag-Zn	Sediment-hosted Barite
106C 087A	RDD	◆	Drilled prospect	Pb-Ag-Zn	Polymetallic Veins Ag-Pb-Zn+/Au
106C 087B	RDD	◆	Drilled prospect	Pb-Ag-Zn	Polymetallic Veins Ag-Pb-Zn+/Au



Above: bottle-green serpentinite scree along the Dawson thrust zone in eastern part of the map area.  
 Left - top photo: pebble conglomerate of the Yusezyu Formation, Hyland Group, hanging wall of the Dawson thrust.  
 Second photo: brownish-grey shale of the Yusezyu Formation, hanging wall of Dawson thrust. Third photo: maroon shale of the Narchilla Formation, Hyland Group, hanging wall of Dawson thrust. Bottom: Polymictic pebble conglomerate (unit Pcg) below the Algae Formation, north of the Kathleen Lakes fault. All photos by Joyia Chakungal (2010), except bottom left by Derek Thorkelson (2013).

**NOTES**

Geology by M. Colpron (2011-2012); G. Abbott, D. Moynihan, and S. Israel (2012); J. Chakungal (2010); D. Thorkelson and D. Murphy (2012). Mapping of the Dawson thrust on the Rod property in the western part of the map area by R. Cobbett (2011) provided by Strategic Metals Ltd.

Thanks to Strategic Metals Ltd. for contributing geological information and discussions. Aurora Geosciences Ltd. and Expedition Mining Inc. contributed geophysical data for the Joy and Merv properties.

Nikolett Kovacs, Julia Quigley, Catriona Spencer, Chelsea Raley, Luke Bickerton, 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 2C6. Ph. 867-667-3201, Fx. 867-667-3198, Email: [geosales@gov.yk.ca](mailto: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

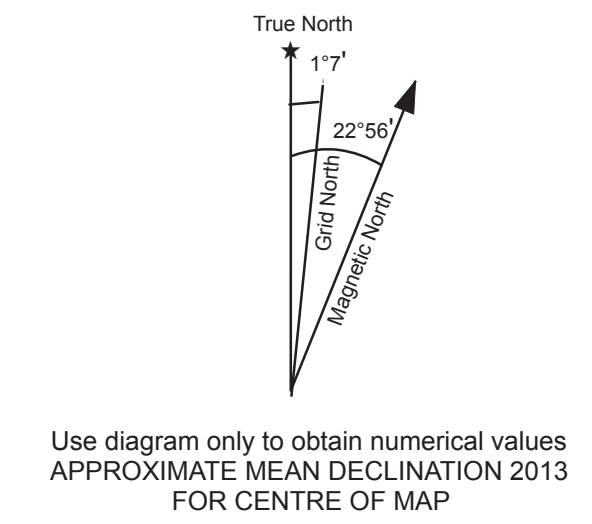
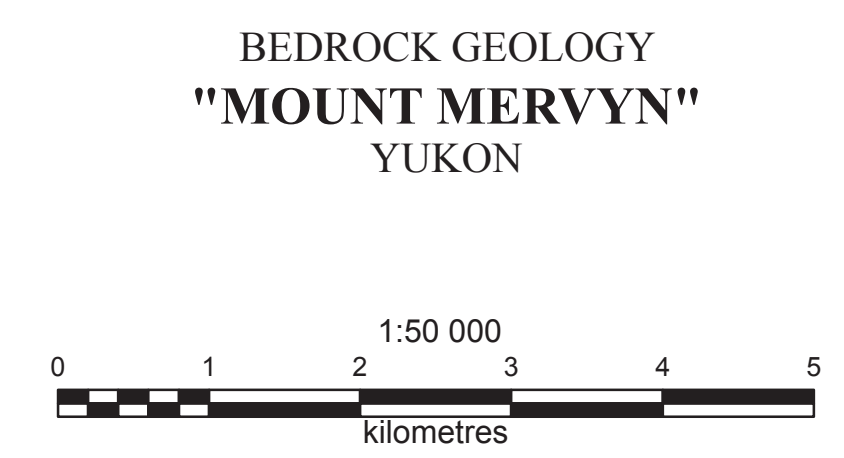
Open File 2013-13  
**Geological map of the Rackla belt,  
 east-central Yukon (NTS 106C/1-4, 106D/1)  
 (1:50 000 scale)**  
 Sheet 4 - "Mount Mervyn" (106C/4)  
 by  
 Maurice Colpron, David Moynihan, Steve Israel, and Grant Abbott



1:50 000 scale topographic base data  
 provided 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



106D/8	106D/5	106C/6
106D/1	106C/4	106C/3
105M/16	105N/13	105N/14