

MPP #	GSC CURATION #	AGE	MAP UNIT	AUTHOR	DATE	STATION	REPORT #	NTS SOK	FOSSIL TYPE	FOSSIL CATEGORY	
1	C-108268	Probably Triassic	TJf	M.J. Orchard	1989	89-TDA-42-6A	MJO-1995-24	1060/1	condonites	microfossil	
2	C-108257	Early Permian, 'Leonardian'	CPps	M.J. Orchard	1989	89-TDA-20-2	MJO-1995-24	1060/1	condonites	microfossil	
3	C-176370	Late Devonian	Dpft	M.J. Orchard	1989	89-GGA-16581	OF-1993-43	1060/1	condonites	microfossil	
4	C-108281	Early Devonian	DME	M.J. Orchard	1989	89-TDA-50-1	MJO-1995-24	1060/1	condonites	microfossil	
5	C-108282	Early-Middle Devonian	DME	M.J. Orchard	1989	89-TDA-50-2	MJO-1995-24	1060/1	condonites	microfossil	
6	C-108279	Silurian-Middle Devonian	DMvm	M.J. Orchard	1989	89-TDA-49-5A	MJO-1995-24	1060/1	condonites	microfossil	
7	C-108280	Silurian-Early Devonian	DMvm	M.J. Orchard	1989	89-TDA-49-5B	MJO-1995-24	1060/1	condonites	microfossil	
8	C-176368	Permian	CPI	M.J. Orchard	1989	89-GGA-16341	OF-1993-43	1060/1	condonites	microfossil	
9	C-108263	Early Permian	CPI	M.J. Orchard	1989	89-TDA-40-5	MJO-1995-24	1060/1	condonites	microfossil	
10	C-108278	Permian-Triassic	TJf	M.J. Orchard	1989	89-TDA-49-2	MJO-1995-24	1060/1	condonites	microfossil	
11	C-108264	Early Permian	CPog	M.J. Orchard	1989	89-TDA-41-4A	MJO-1995-24	1060/1	condonites	microfossil	
12	C-108116	probably Permian	E.W. Bamber	1989	89TDA-41-4B	C2-89W-590	1060/1		shelled brachiopods (Spiniferella sp.)	macrofossil	
13	C-108115	late Lower Devonian - early Middle Devonian	SDc	A.W. Norris	1989	89TDA-32-2b	12-AWN-89	1060/1		two hole conoids (Gostromia? bivalve)	macrofossil
14	C-083492	Carboniferous or Permian	CPps	E.W. Bamber	1979	79-T9-1-1	C-2-1979-EWB	1060/1	productoid brachiopod, fenestellid bryozoans	macrofossil	
15	Q-047134	Norian	TJf	E.T. Tozer	1961	GC-61(F)-27	Tr-5/1961	1060/1	bivalves (Monotis sp., Steinmannites sp.)	macrofossil	
16	C-108277	Late Triassic	TJf	M.J. Orchard	1989	89-TDA-49-1	MJO-1995-24	1060/1	condonites	microfossil	
17	C-097564	Late Triassic, Late Norian	TJf	E.T. Tozer	1980	80-MJO-303-A	MJO-1994-32	1060/1	condonites	microfossil	
18	C-097565	Late Triassic, Middle Norian	TJf	M.J. Orchard	1980	80-MJO-304-A	MJO-1994-32	1060/1	condonites	microfossil	
19	C-097566	Late Triassic, Middle Norian	TJf	M.J. Orchard	1980	80-MJO-304b	MJO-1994-32	1060/1	condonites	microfossil	
20	C-097568	Early Triassic, Smithian	TJf	M.J. Orchard	1980	80-MJO-305A	MJO-1994-32	1060/1	condonites	microfossil	
21	C-097578	Early Triassic, Smithian	TJf	M.J. Orchard	1980	80-MJO-305C	MJO-1994-32	1060/1	condonites	microfossil	
22	C-118948	Late Triassic, Early Norian	TJf	M.J. Orchard	1980	80-MJO-304d	MJO-1994-32	1060/1	condonites	microfossil	
23	C-118949	Late Triassic, Middle Norian	TJf	E.T. Tozer	1980	80-MJO-Ecomonotis	MJO-1994-32	1060/1	bivalves (Ecomonotis sp.)	macrofossil	
24	C-118949	Late Triassic, Middle Norian	TJf	M.J. Orchard	1980	80-MJO-Ecomonotis	MJO-1994-32	1060/1	condonites (Neogondolella sp.)	microfossil	
25	C-118950	Late Triassic, Late Norian	TJf	M.J. Orchard	1980	80-MJO-Monotis	MJO-1994-32	1060/1	condonites, bivalves (Monotis sp.)	microfossil, macrofossil	
26	Q-047131	Late Triassic	TJf	E.T. Tozer	1961	GC(F)-37-B	Tr-5/1961	1060/1	bivalves (Halobis sp.)	macrofossil	
27	Q-047135	Carnian	TJf	E.T. Tozer	1961	GC(F)-37d	Tr-5/1961	1060/1	bivalves (Auriveter (Anostomites) cf. J. Knowlton Smith, Sinuotia cf. Zentgraf (Dittmar), "Accestes" sp.)	macrofossil	
28	Q-047136	Triassic	TJf	E.T. Tozer	1961	GC(F)-37d(B)	Tr-5/1961	1060/1	bivalves (Auriveter sp.)	macrofossil	
29	Q-047141	Norian	TJf	E.T. Tozer	1961	GC(F)-38A	Tr-5/1961	1060/1	bivalves (Monotis sp.)	macrofossil	
30	Q-047130	Late Triassic	TJf	E.T. Tozer	1961	GC-37b	Tr-5/1961	1060/1	bivalves (Halobis sp.)	macrofossil	
31	C-108275	Late Triassic, (Middle/Late Norian)	TJf	M.J. Orchard	1989	89-TDA-48-3A	MJO-1995-24	1060/1	condonites (Neogondolella stembergensis (Holbek 1958))	microfossil	
32	C-108272	Silurian-Triassic	CPI	M.J. Orchard	1989	89-TDA-46-2	MJO-1995-24	1060/1	condonites	microfossil	
33	C-108273	Late Carboniferous-Early Permian	CPI	M.J. Orchard	1989	89-TDA-46-3	MJO-1995-24	1060/1	condonites	microfossil	

MINIFILE #	NAME	SYMBOL	STATUS	COMMODITY	DEPOSIT TYPE
106D 001	JAB	○	Anomaly		Unknown
106D 002	ARKCHINA	○	Anomaly		Unknown
106D 003	ROME	○	Anomaly		Unknown
106D 004	WHITTING	▲	Showing	Pb-Zn	Polymetallic Venns Ag-Pb-Zn-Au
106D 005	FLAT RIDGE	▼	Showing	W	W Skarn
106D 009	MARG	◆	Deposit	Cu-Pb-Ag-Zn	Kuroko Massive Sulphide Cu-Pb-Zn
106D 054	DOLBYLOU	○	Anomaly		Unknown
106D 083	FORSHAW	●	Anomaly	Zn	Unknown
106D 084	BLUELITE	●	Drilled prospect	Cu-W	W Skarn
106D 098	RAU (TIGER)	●	Deposit	Au-Ag	Carbonate-hosted disseminated Au-Ag

Contact aureole of the Rau pluton in the northwestern part of the map.

NOTES

Geology by G. Abbott (1989-1990), digitally compiled by M. Colpron. Geology of the MARG area is compiled from mapping by Atna Resources Ltd. (Holbek et al., 2001). Geology in the vicinity of the Tiger deposit is from mapping by ATAC Resources Ltd. (Dumala, 2009). Mapping of the Dawson Thrust in the eastern half of the map area by R. Cobbett (2011) provided by Strategic Metals Ltd.
Thanks to ATAC Resources Ltd. and Strategic Metals Ltd. for contributing geological information and discussions. ATAC Resources also contributed geophysical data for the Rau property.
This map supersedes Open File 1990-1 by Abbott (1990).

REFERENCE

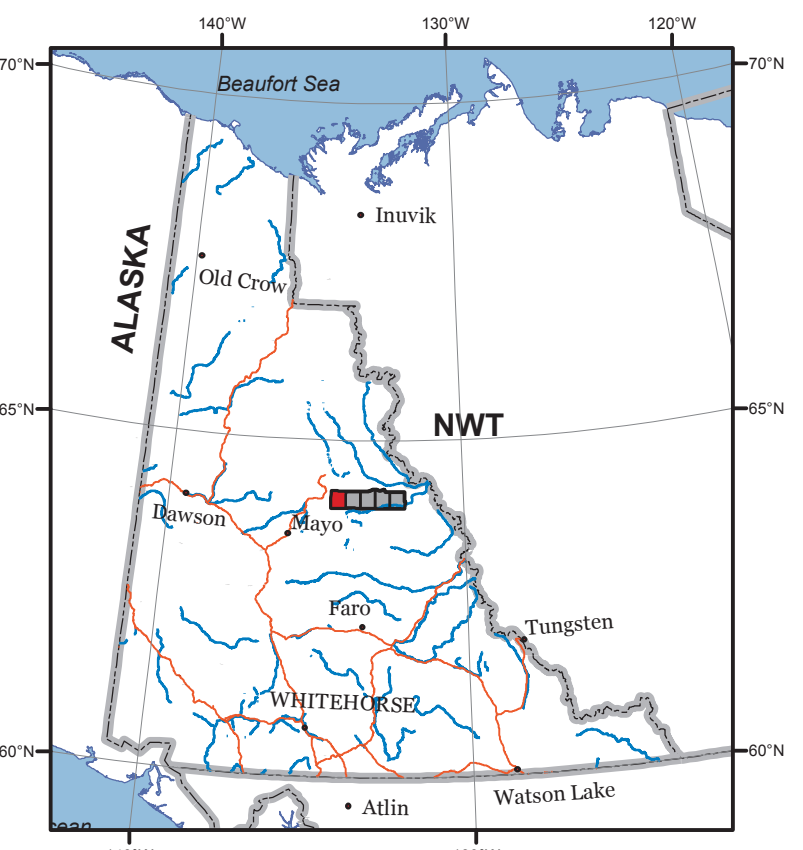
ABBOTT, G., 1990. Geological map of Mt. Westman map area (106D/1). Yukon Geological Survey, Open File 1990-1, 1:50 000.
DUMALA, M., 2009. Assessment report describing geological mapping, prospecting, soil geochemistry, diamond drilling and geophysical surveys at the Rau property. Yukon Energy, Mines and Resources, 095131, 659 p.
HOLBEK, P.M., COPELAND, D.A. and WILSON, R.G., 2001. Structure and stratigraphy of the Marg volcanogenic massive sulphide deposit, north-central Yukon. In: Yukon Exploration and Geology 2000, D.S. Emond and L.H. Weston (eds.), Yukon Geological Survey, p. 319-333.

RECOMMENDED CITATION

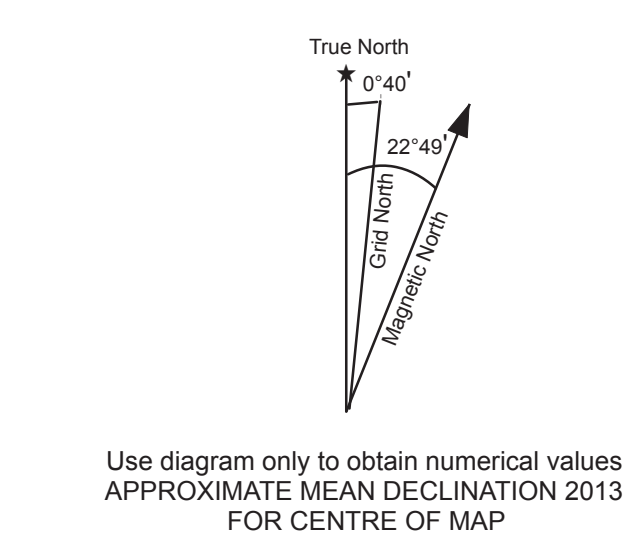
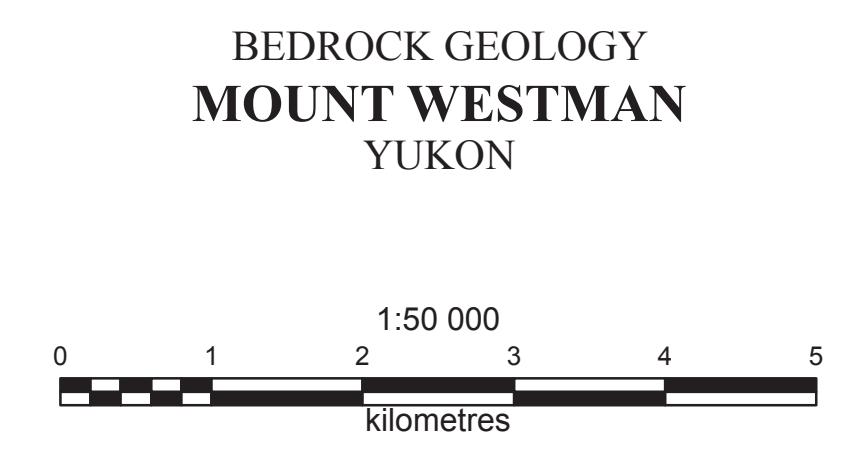
COLPRON, M., MOYNIHAN, D., ISRAEL, S. and ABBOTT, G., 2013. Geological map of the Rackla belt, east-central Yukon (NTS 106C/1-4, 106D/1). Yukon Geological Survey, Open File 2013-13. 1:50 000 scale, 5 maps and legend.

Digital cartography and drafting by Maurice Colpron, Samantha Darling and Ohwyn 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.
Mapping of the Dawson Thrust in the eastern half of the map area by R. Cobbett (2011) provided by Strategic Metals Ltd.
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>.



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



106D/7	106D/8	106C/5
WILLIAMS CREEK		RUSTY MOUNTAIN
106D/2	106D/1	106C/4
SCOUGALE CREEK	THIS MAP	"MOUNT MERVYN"
105M/15	105M/16	105N/13
MAYO LAKE	TINY ISLAND LAKE	PENAPE LAKE