

# LEGEND

CENOZOIC	QUATERNARY	
	Q	Alluvium and delta deposits: gravel, sand, silt, clay.
	Qm	Thick moraines: gravel, sand, silt, clay, and till.
MESOZOIC	CRETACEOUS LOWER CRETACEOUS	
	Kb	'Bentonitic zone': black, soft, plastic shale; fossiliferous, orange ironstone concretions.
	Ks	'Silty zone': upper division - argillaceous siltstone and mudstone; lower division - light gray, friable sandstone, and coal.
PALEOZOIC	DEVONIAN LOWER(?) AND MIDDLE DEVONIAN	
	Ds	BEAR ROCK FORMATION: light brown-grey and green-grey dolomite; green, pink, and maroon shale at base.
	CAMBRIAN AND ORDOVICIAN MIDDLE(?) AND UPPER CAMBRIAN AND LOWER ORDOVICIAN 'RONNING GROUP'	
	COz2b	Unit 2b: pale buff and pale grey dolomite with drusy quartz and stromatolitic and oolitic chert.
	COz2a	Unit 2a: pale grey dolomite interbedded with pale orange dolomite.
	COz1	Unit 1: thin-bedded dolomite; cyclic repetitions of laminated beds, oolitic beds, stromatolitic beds, and thin beds of dolomitic shale.
	MIDDLE CAMBRIAN	
	Cs	SALINE RIVER FORMATION: red and green shale; minor gypsum.
	LOWER(?) AND MIDDLE CAMBRIAN	
	COp	MOUNT CAP FORMATION: glauconitic sandstone; green and grey shale.
	LOWER CAMBRIAN	
	CO	OLD FORT ISLAND FORMATION: white, grey, locally red and green sandstone; friable; cross-bedded.
PROTEROZOIC	NEOHELIXIAN OR HADRYNIAN	
	PL	Gabbro sills and dikes (dikes as solid black).
	SHALER GROUP	
	P5	Unit P5: maroon and green dolomite and siltstone; minor gypsum.
	P4	Unit P4: pink and buff dolomite; stromatolites.
	P3	Unit P3: pink, buff, and maroon quartz sandstone.
	P2	Unit P2: buff, pink, and grey dolomite.
	P1	Unit P1: green shale, argillite, and siltstone.

Ground observation . . . . .	⊗
Geological boundary (defined, approximate, assumed; includes contacts extended by air-photo interpretation) . . . . .	—
Bedding, tops known (horizontal, inclined) . . . . .	+ 10
Bedding, tops known, estimated from air-photos or from aircraft (horizontal, dip 5-15) . . . . .	+ 1
Fault (defined, approximate, covered; solid circle indicates downthrown side) . . . . .	— 0 —
Anticline (defined, approximate) . . . . .	↑ ↓
Syncline (defined, approximate) . . . . .	↓ ↑
Fossil locality (G.S.C. catalogue number where collection taken) . . . . .	⊙
Stratigraphic section studied . . . . .	I

## Stratigraphic Section References

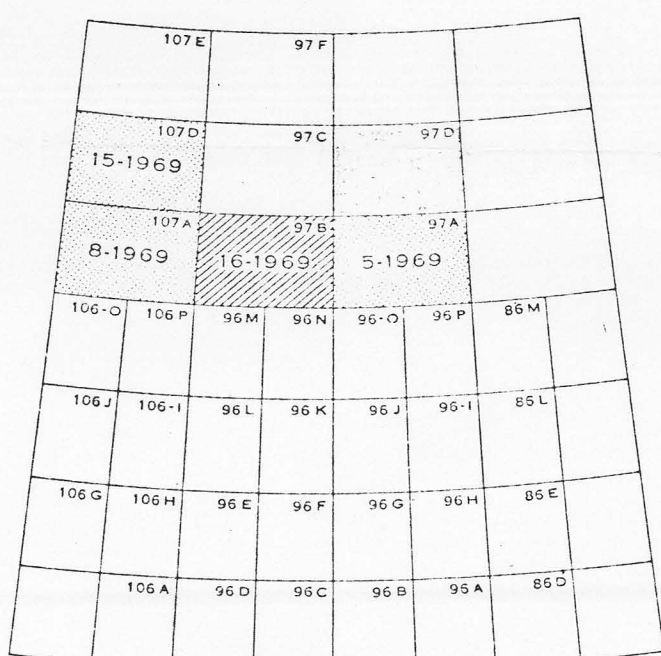
R. W. Macqueen . . . . . MQ-24  
~~C. J. Yorath~~ . . . . .

Geology by H. R. Balkwill, C. J. Yorath, R. W. Klassen, and R. W. Macqueen, 1968

Compiled by H. R. Balkwill and C. J. Yorath, 1970

Geological cartography by the Institute of Sedimentary and Petroleum Geology,  
 Geological Survey of Canada

Elevations in feet above mean sea - level



National Topographical System designations indicate other quadrangles mapped geologically during Operation Norman

