

The Geology of the Middle Precambrian Thomson Formation, Southern Carlton County, East-Central Minnesota

Plate I
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Rock Types *		Map Symbols * * *	
Keweenaw		Strike and Dip	
KBD Basalt Dike		S ₀ bedding	
Middle Precambrian Thomson Formation * *		S ₁ schistosity	
MP Interbedded Metasiltstone/Phyllite		S ₁ containing oblate quartz boudins	
CdMP Calcareous Metasiltstone/Phyllite		S ₂ crenulation cleavage	
GP Graphitic Phyllite		S ₃ crenulation cleavage	
MB Metabasalt		Observed fault with vertical relative movement	
VMP Volcaniclastic Metasiltstone/Phyllite		Observed fault with relative movement unknown	
Unmarked Areas = Quaternary Glacial Drift		Keweenaw basalt dike	
* See petrography chapter of thesis for complete rock descriptions.		Bearing and Plunge	
** Stratigraphic relationships between Thomson units are indeterminable.		L _{2c} crenulation lineation	
*** See structure and interpretation chapters of thesis for complete descriptions of structural elements.		L _{3c} crenulation lineation	
		L _{3a} amphibole lineation	
		L _{3m} muscovite streak lineation	
		F ₁ mesoscopic fold axis	
		F _{2a} mesoscopic fold axis	
		F _{2b} mesoscopic fold axis	
		Other	
		Δ ₂₉₋₄₄ Outcrop location number (first number=section number)	
		MP Outcrop extent (scale may be exaggerated)	
		X Prospect pit	X Gravel pit
		(27) State Route 27	(61) U.S. Route 61
		Moose Lake	Town limits
		Scale 0 0.25 0.5 1 Kilometer 0 0.25 0.5 1 Mile	
		Approximate Map Location North 5° Magnetic north	

