Appendix F

Stratigraphic Column of Paleozoic and Middle Proterozoic Bedrock in Southeast Minnesota

Chr		atigraphi System		Group	Lithostratigraph Formation	Member or bed	
1	cra	oysiem	Upper		Lithograph City Formation (50)	Idelwild Member (25-30)	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
	Pateozoio		EMS.	up Cedar Valley Group	Coralville	Osage Springs Member (25-30) lowa City (35-40)	
					Formation (60)	Gizzard Creek (15-20)	11.2681.96
		onian	500		Little Cedar Formation (110)	Hinkle & Eagle Center Members (35) Chickasaw Shale (43)	11/6/7/9/1/9/1/9/1/9/1/9/1/9/1/9/1/9/1/9/1/9
		Devonian	Middle		Pinicon Ridge	Bassett Member (70) Davenport Member (13)	
				Wapsipinicon Group	Formation (47)	Spring Grove Member (7) Kenwood Member (13)	15,10,10,10,10,10,10,10,10,10,10,10
					Spillville Formation		10/2/0//2/5/0/
					(84)	Lake Meyer (15-20)	6666666
						Clermont Member (20+)	
		Ordovician	Middle -> Upper		Maquoketa Formation (85)	Elgin Member (62)	
					84.00		
				Galena Group (345)	Dubuque Formation		
					Stewartville Formation (85)	Rifle Hill Member (38)	
					Pormation (65)	Sinsinawa Member (32)	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
					Prosser Formation (62)		
					Cummingsville Formation (75)		
					Decorah		0 0 0
					Shale (80)		
					Platteville	Carimona Member (11) McGregor Member (22)	
					Formation (30)	Pecatonica Member (7, SE)	Ph Ph Ph Ph
					Glenwood Formation (18)		Ph
						Tonti Member	
				1	St. Peter Sandstone (190, N)	(100-120, NE)	
						5 Pigs Eye	
						Member (40-65, NE)	
3			Lower	du Chien Group (320)	Shakopee Formation	Willow River Member (240, SC)	
NI WEND COLO					(240, SC)		111111111111111111111111111111111111111
NAL						New Richmond Member (55-60, SE)	
						Hager City Member (180, SE)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
				Prairie d	Oneota Dolomite		111111111111111111111111
				P.	(180-210, SE)	Blue Earth beds (4+)	1-
						Coon Valley Kasota beds Member (60-85	77 0 0 0 0 0 0 0 0
				1	Jordan Sandstone (110, NE)	Quartzose sandstone	
					A00000000	Feldspathic sandstone	
					St. Lawrence	Siltstone	TT TT T
					Formation (130, SC)	Dolostone 2	
					7.	2	G G G G G G G G G G G G G G G G G G G
		Cambrian		(uc	Tone Rock Formation (175, NE)	5	G G U U S 3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
				sroup ormation E)	Tie Fo	Reno S	G U U G U G G G G G G G G G G G G G G G
				City C nia Fo 190, N	Lone Rock (Formation (175, SE)	Member (110, S)	G G U G U G Z
				Tunnel City Group (Franconia Formation) (190, NE)	(175, SE) ZZ	S. S	Some of the state
			4		J. S.	₹ Tomah }	G G G G M M M C
					Davis (20, SW)	Member (23) Birkmose Member (50)	/ /G / B / G G G G G G G G G G G G G G G
			Upper		SW Wonewoo NE	Very fine- to very coarse- grained sandstone	
					Sandstone (Ironton and Galesville		37-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-
					Sandstones) (130, SE)	Fine- to coarse- grained, cross- stratified sandstone	Jan 3 11011 11011 1
					SW NE	Mixed sandstone and shale (22)	G OOS UTU STITION
					Formation	Greensand (96) & siltstone	G
					(250, SW)	Mixed sandstone Dolostone and shale	G G G
					Formation	(80, SW) \$ (98) Red shale (75)	00 00 0 00 0 00 0
					SW NE	Upper (110+, NC)	111111111111111111111111111111111111111
					Mt. Simon Sandstone (375, SE)		00000 00000000000000000000000000000000
						Middle (200+, SE)	
						g) 9225 2554	
						Lower (163, SW)	F = 101/4/11/11/11/11/11/11/11/11/11/11/11/11/
				Ь.	Hinckley Sandstone		//////////////////////////////////////
					(<50, S to 500, N)		O DO HOSS F
					Fond du Lac Formation (8,000+)		
SOIC	0						
TEROZOIC	Middl					I	-9-9-6661. 1. 1
PHOTEHOZOIC	Middle				Solor Church Formation		0 0 0 0 0 F
THOTEHOZOIC	Middl				Solor Church Formation (12,000-13,000)		L F L
PHO IEROZOIC	Middl				Solor Church Formation (12,000-13,000)		L. F.

From: Mossler, J.H. 2008. Paleozoic Stratigraphic Nomenclature for Minnesota. Minnesota Geological Survey Report of Investigations 65.

Figure F-1
Stratigraphic Column of
Paleozoic and Middle Proterozoic
Bedrock in Southeast Minnesota