SYSTEM	SERIES	GROUP	FORMATION	SYMBOL	THICKNESS IN FEET	MEMBERS AND MINOR DIVISIONS
DEVONIAN	UPPER DEVONIAN		CHEMUNG (?) FORMATION		60	
			WOODMONT SHALE	Dwh	2300-2400	
			HARRELL SHALE		100-165	Burket Black Shale Member 0-50
	MIDDLE DEVONIAN		MAHANTANGO FORMATION	Dm	1030-1190	
			MARCELLUS SHALE	Dmn	227-255	

SYSTEM	SERIES	GROUP	FORMATION	SYMBOL	THICKNESS IN FEET	MEMBERS AND MINOR DIVISIONS
DEVONIAN	MIDDLE DEVONIAN		NEEDMORE SHALE	Dmn	140-156	
	LOWER DEVONIAN	ORISKANY	RIDGELEY SANDSTONE	Do	144-175	
			SHRIVER CHERT		160-170	
		HELDERBERG	MANDATA FM.	DShk	19-20	
			NEW SCOTLAND LIMESTONE		24-30	
			COEYMANS LIMESTONE		7-10½	
			KEYSER LIMESTONE		285-300	
SILURIAN	UPPER SILURIAN		TONOLOWAY LIMESTONE	Stl	550-600	
			WILLS CREEK SHALE	Swc	450-500	
			BLOOMSBURG RED BEDS	Sb	25-50	Cedar Cliff Limestone of Swartz
	MIDDLE SILURIAN		McKENZIE FORMATION	Smr	285-380	
			ROCHESTER SHALE		30	
			KEEFER SANDSTONE		10-25	Roberts iron ore of Swartz
			ROSE HILL FORMATION	Skr	540-570	Gresaptown Iron Sandstone of Swartz
	LOWER SILURIAN		TUSCARORA QUARTZITE	St	400-412	
ORDOVICIAN	UPPER ORDOVICIAN		JUNIATA FORMATION	Oj	450	

EXPLANATION

- Thin beds of conglomerate in sandstone
- Medium- to massive-bedded sandstone
- Calcareous sandstone
- Thin beds of sandstone
- Medium- to massive-bedded siltstone
- Calcareous siltstone
- Thin beds of siltstone
- Silty gray shale
- Gray shale
- Calcareous shale
- Mudrock
- Calcareous mudrock
- Medium- to massive-bedded limestone
- Thin-bedded limestone
- Muddy limestone
- Argillaceous limestone
- Black shale
- Chert in discoidal nodules and lenticular beds
- Cherty siltstone
- Limestone nodules and concretions
- Sandstone concretions
- Ferruginous (lean iron ore)

FEET: 0, 100, 200, 300, 400, 500

STRATIGRAPHIC SECTION OF EXPOSED BEDROCK IN THE EVITTS CREEK AND PATTERSONS CREEK QUADRANGLES

735-993 O - 64 (In pocket)