COLUMNAR SECTION

GENERALIZED SECTION FOR THE RURAL VALLEY QUADRANGLE. SCALE: 1 INCH=200 FEET.								
SYSTEM.	SERIES.	FORMATION NAME.	SYMBOL.	COLUMNAR SECTION.	THICKNESS IN FEET.	NAMES OF MEMBERS.	Character and Distribution of Members.	GENERAL CHARACTER OF FORMATION.
CARBONIFEROUS	PENNSYLVANIAN				612.1.2.1	Morgantown? sandstone.	Coarse; 10 to 20 feet thick. Southeast corner of quadrangle.	
		Conemaugh formation.	Ccm		450	Red shale.	0 to 20 feet thick. May consist of several thin beds locally in southern and eastern parts.	Shale and coarse sandstone with occasionally thin beds of limestone and coal. Most of the shale is sandy, but there are some prominent beds of green and red fine-grained clay shale which give a distinct color to the soil on their outcrop. The lower half of the formation is prevailingly sandy and carries several beds of coarse sandstone or conglomerate.
						Saltsburg? sandstone. Brush Creek coal.	Soft, friable, and thin bedded; 0 to 20 feet thick. Usually thin. Locally 2 feet 6 inches thick.	
						Mahoning sandstone.	Generally thin. Coarse and 40 feet thick in northeastern part.	
		Allegheny formation. Ca		999998888		Upper Freeport coal. Freeport limestone. Lower Freeport coal. Freeport sandstone. Upper Kittanning coal.	Generally 3 to 4 feet thick Limestone locally developed, 0 to 10 feet thick. Sandstone coarse and in lenses. Locally 2 feet 6 inches to 4 feet thick. Coarse sandstone, locally developed, 0 to 30 feet thick. Generally thin; thickens locally into pot-like deposits and known as "pot vein."	
				300-350	Middle Kittanning coal. Lower Kittanning coal. Kittanning sandstone. Vanport limestone. Clarion coal and clay. Craigsville coal.	Generally thin. Locally 2 to 3 feet thick. 3 to 4 feet thick in western part. Generally thinner elsewhere. Lenses of coarse sandstone. Blue; 8 to 10 feet thick. Generally present and overlain by iron ore. Coal thin and worthless. Clay 0 to 6 feet thick and valuable. Thin and worthless.	Shale, sandstone, fire clay, and coal beds. Shale predominates. Sandstone is generally thin bedded and shaly, but in places is coarse and massive. Several valuable coal beds. Fire clay is generally present and of great value. Iron ore and limestone valuable.	
				2200		Clarion sandstone. Brookville coal.	Thin and worthless. Coarse and massive sandstone, locally developed, 0 to 25 feet thick. Generally worthless. Locally workable.	
		Pottsville formation.	Срч		140	Homewood sandstone. Mercer shale. Connoquenessing sandstone.	Generally coarse; 20 to 30 feet thick. Shale with coal, limestone, and clay, 40 feet thick. Flint and plastic clay locally 8 to 13 feet thick and valuable. Coarse and heavy; 40 to 50 feet thick.	Coarse, siliceous sandstone or conglomerate, sometimes massive, with intermediate shale carrying clay and coal.
	MISSISSIPPIAN	Pocono formation.	Сро		225+	Burgoon (Mountain or Big Injun) sandstone.		Coarse, massive sandstone broken by shale. 300 to 400 feet thick. 225 feet exposed.

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