

# GENERALIZED STRATIGRAPHIC SECTION FOR THE GREATER PITTSBURGH REGION

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System	Group (Symbol)	Thickness in Feet	Formation (Symbol)	Columnar Section	Members, Beds and Other Minor Units	Description	Locations of Exposures
Quaternary Pleistocene Illinoian & Wisconsinan		up to 150			Alluvium (Qal)	Silt, sand, gravel and cobbles	Stream valleys
					Kames, kame terraces, kame moraines and eskers (Qgk)	Sand and gravel	Northwest parts of Beaver and Butler Counties
Permian	Dunkard (PPd)	580 (maximum)	Greene (Pg)		Coal		
					Upper Washington limestone		
Pennsylvanian and Permian	Waynesburg (PPwb)				Jollytown coal		
					Washington coal		
Pennsylvanian	Monongahela (Fm)	350	Pittsburgh (FPg)		Little Washington coal		
					Waynesburg sandstone		
Pennsylvanian	Conemaugh (Fc)	550-650	Glenshaw (Fg)		Pittsburgh coal		
					Upper Pittsburgh limestone		
Pennsylvanian	Allegheny (Fa)	280-320	Kittanning (Fk)		Lower Kittanning coal		
					Kittanning sandstone		
Pennsylvanian	Pottsville (Fp)	170-230			Mercer coal group		
					Upper Connoquenessing sandstone		
Mississippian	Loyalhanna	> 500	Mauch Chunk (Mmc)		Mauch Chunk (Mmc)	Red shale with subordinate sandstone and limestone, thickness ranges from 0 to 300 feet	
					Loyalhanna limestone	Siliceous limestone	
Mississippian	Pocono (Mp)				Burgoon sandstone	Gray sandstones and conglomerate predominate; subordinate sandy shale	The Pocono, Loyalhanna and Mauch Chunk Formations crop out on Laurel Hill and Chestnut Ridge in eastern Westmoreland County

Vertical Scale: 1 inch = 100 feet

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