



SEDIMENTARY ROCKS Dominant Lithology		LITHOLOGIC MODIFIERS (Used in conjunction with Dominant Lithology)	
	Sandstone		Sandy
	Sandstone and siltstone		Silty
	Red sandstone and red siltstone		Argillaceous, gray and (or) green
	Red shale		Argillaceous, red (red R shown where dominant lithology of gray and (or) green shale contains minor red shale beds)
	Black shale		Coal bearing
	Gray and (or) green shale		Anhydritic
	Limestone		Cherty
	Dolomite		Calcareous
	Halite		Dolomitic
	Bentonite bed	IGNEOUS ROCKS	
	Coal, greater than 1 ft thick		Granite and (or) gneiss and amphibolite
			Granite and (or) gneiss

REFERENCE: Adapted from Ryder et al. (2012).



Cross Section of
The Appalachian Basin

FIGURE
3.2

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