

(200)
T67A

System	Formation and member		Thickness in feet					Lithology
			1 /	2 /	15 /	7 /	7 /	
Permian ? ?	Cutler formation							
	Rico formation		570	350	225	275	375	Gray to white fossiliferous limestone interbedded with gray massive sandstone, thin-bedded red sandstone, some red shale, and mudstone.
Pennsylvanian	Hermosa formation	Upper member		400	440	625		Gray cherty limestone interbedded with gray, black, red, and lavender shale and some gray sandstone.
		Paradox(?) member	755	350	25	225	1550	White to light-gray crystalline dense limestone, interbedded with amber chert, gray sandstone, and some calcite. Locally slightly oolitic.
	Pinkerton Trail formation of Wengerd and Strickland			150	Total depth 2323 in Pinkerton Trail formation of Wengerd and Strickland	300		"...dark gray, fine to coarsely crystalline, crinoidal, and fusulinid-bearing limestone with some dark gray shale." (Wengerd and Strickland, 1954, p. 2169).
	Molas formation		97	80		80	Red maroon to purple shale interbedded with light-gray dense limestone containing amber chert lenses.	
Mississippian								
	Leadville limestone		492			175	White to tan-gray chalky crystalline limestone with some amber chert at top; dolomitic with interbedded chalky crystalline limestone layers near base.	
Devonian	Ouray limestone		446		Total depth 2083 in Elbert formation	200	White to light-gray finely crystalline limestone interbedded with red, purple, and green shale beds.	
	Elbert formation		Total depth 4523 in Elbert formation			325	Tan-gray coarsely crystalline dense dolomite beds interbedded with purple shale, and white to light-gray sandstone.	
Silurian								
Ordovician								
Cambrian						800	White to tan-gray dolomite beds interbedded with gray sandstones that contain scattered glauconite; locally contains beds of sandstone and shale; predominantly a sandstone in its basal part.	
Precambrian					Total depth 3630 in Precambrian	Total depth 3633 in Precambrian		

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Figure 43.--Generalized section of Pre-Cutler rocks underlying the Monument Valley area, Apache and Navajo Counties, Ariz.

PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME

