

System	Series	Stratigraphic Unit		Thickness (Feet)	Description	
Tertiary	Eocene	Claron Formation		1000-1300	Pink, white, and varicolored limestone, cliff former eroding into picturesque slopes and forms, basal conglomerate of exotic quartzite and limestone cobbles and pebbles.	
	Campanian	Kaiparowits Formation		265-700	Dark gray to gray-green arkosic sandstone, friable with weak calcareous cementation.	
Cretaceous					Unconformity	
		Wahweap Formation <i>Minor Coal</i>		500-1300	Alternating sandy shale and thin- to thick-bedded resistant sandstone, ledge and slope topography.	
	Santonian ?	Straight Cliffs Formation <i>Minor Coal</i>		80-500	Yellow-gray to brown, thick-bedded to massive cliff-forming sandstone with subordinate intervening gray shale, shaley sandstone, <i>coal</i> and carbonaceous shale.	
	Coniacian ?					
	Turonian	Tropic Shale		700-1000	Drab gray shale with subordinate thin brown fine-grained sandstone, slope former.	
	Cenomanian	Dakota Formation <i>Major Coal Seams</i>		150-450	Yellow-gray to brown fine- to medium-grained sandstone alternating with gray shale, sandy shale, carbonaceous shale and <i>coal</i> , ledge and slope former creating Gray Cliffs; best <i>coal</i> near bottom and top of unit.	
Jurassic	Upper	Entrada Sandstone	Cannonville Member	0-300	White and reddish banded fine-grained sandstone and siltstone, friable and earthy weathering, massive.	
			Gunsight Butte Member	0-300	Red-brown and light green siltstone; also red cross-bedded sandstone of the "slickrock" type.	
		Carmel Formation	Judd Hollow Tongue of Carmel	Wiggler Wash Member	0-60	Limestone, red siltstone, white and greenish gypsum.
				Winsor Member	180-250	White, pink, brown sandstone alternating with thin red siltstone and mudstone.
				Paria River Member	55-200	Interbedded light gray and red sandstone, limestone, siltstone, shale, and gypsum.
				Thousand Pockets Tongue of Navajo Sandstone	0-60	Yellowish cross-bedded friable but resistant sandstone.
				Crystal Peak Member	120-190	Dark reddish brown and white to light gray fine-grained sandstone, medium-bedded with minor thin gypsiferous or calcareous shales and conglomerate.
				Kolob Limestone	122-350	Gray and tan dense limestone with some thin sandy red shale near the base and thin gypsum near top.
		Lower	Navajo Sandstone		1000+	Light gray to tan, locally red fine-grained sandstone, massive, exhibiting large-scale aeolian cross-bedding, calcareous and cliff forming.
						Unconformity

Drawing 6-10 Generalized geologic section of rock formations in the Alton Coal Field. (from Doelling, 1972).

Stpk

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