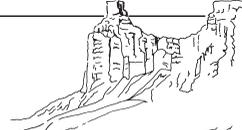
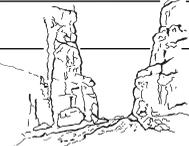
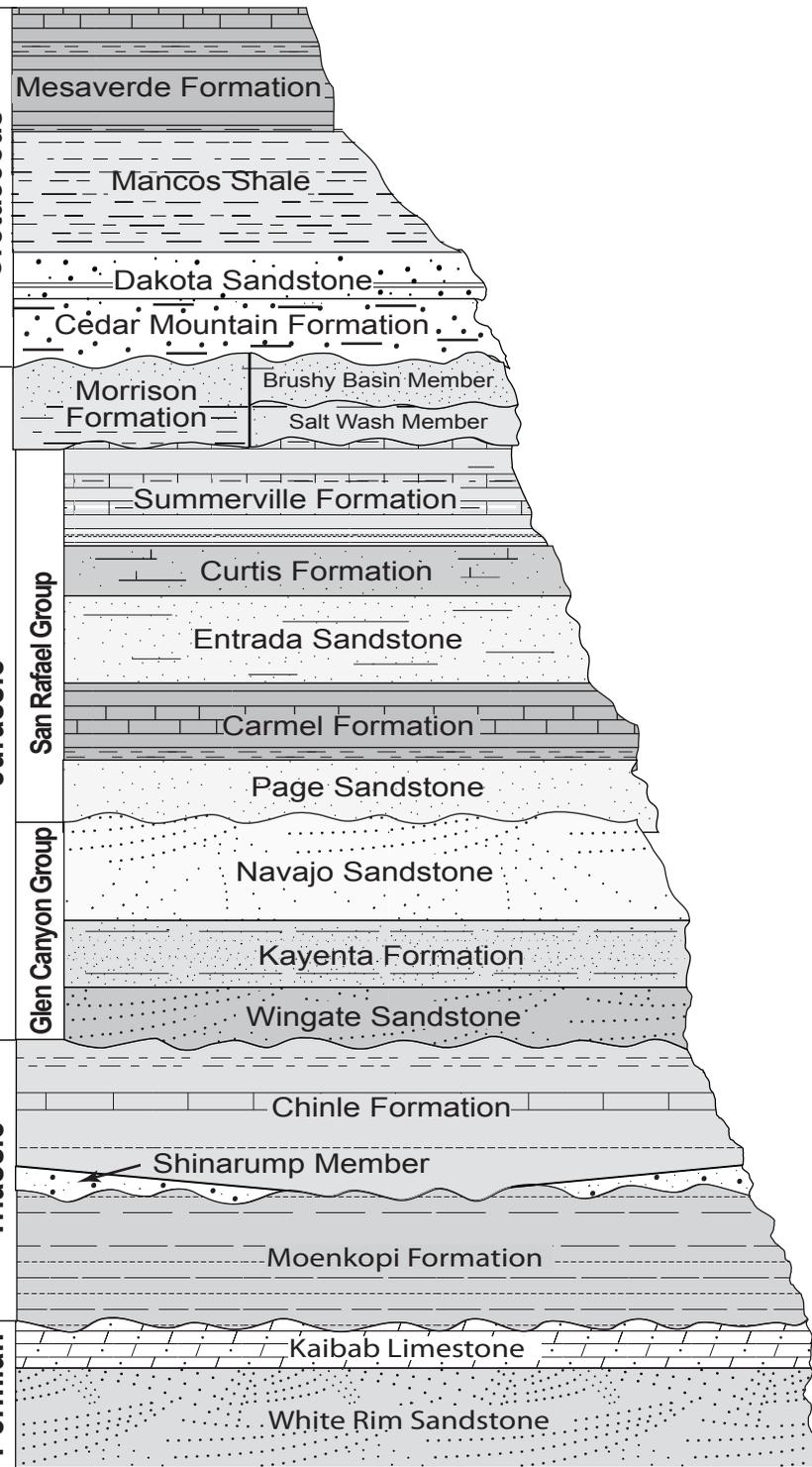


Thickness	Rock Type	Paleoenviro.	Remarks	Landforms	Age	
300 - 400 ft	Shale interlayered with sandstone	Floodplains and Coastal Areas	Caps Mancos Shale		65 MYA	Cretaceous
2000 - 3000 ft	Mostly dark gray shale interlayered with sandstone	An interior seaway	Factory Butte and badlands near Caineville			
0 - 50 ft	Tan sandstone with oyster shell fossils	Coastal	Locally absent; Oyster Shell Reef			
0-100 ft	Conglomerate and Mudstone Layers	Rivers and Floodplains	Found in Northern Part of Cathedral Valley			
180 - 700 ft	White crossbedded sandstone (Salt Wash) & candy-striped mudstone (Brushy Basin)	Vast river systems; bentonite clays from altered volcanic ash	Bentonite Hills are in Brushy Basin Member		144 MYA	Jurassic
150 - 300 ft	Thinly-bedded, reddish-brown siltstone	Tidal flats	Inconspicuous in Capitol Reef area			
0 - 80 ft	Grayish-green sandstone & gypsum	Marine	Caps cathedrals of Cathedral Valley			
450 - 750 ft	Earthy, red, very fine-grained sandstone & gypsum	Tidal flats	Cathedrals of Cathedral Valley			
300 - 1000 ft	Interlayered red sandstone & gypsum	Transitional between marine and continental	Forms red V-shaped folds on east side of Waterpocket Fold			
50 - 100 ft	Red, ledge forming sandstone	Sand dunes	Cap of Golden Throne			
800 - 1100 ft	White crossbedded sandstone	Sahara desert-like sand dunes	Capitol Dome, Navajo Dome, & Grand Wash Narrows			
350 ft	Interlayered red sandstone & siltstone	Southwest flowing rivers	Top, ledgy portion of Fruita Cliffs			
350 ft	Massive sandstone; weathers dark red	Sand dunes	Fruita Cliffs & Circle Cliffs		206 MYA	
350 - 550 ft	Interlayered sandstone siltstone, & bentonitic mudstone	Forested basin with rivers, swamps, & lakes	Slopes below Fruita Cliffs; contains petrified wood & Uranium			
0 - 90 ft	White sandstone	River channels	Discontinuous; cap of Chimney Rock			
500 - 1000 ft	Mostly dark red siltstone & mudstone; minor yellowish limestone	Westward sloping coastal plain, fluctuating sea level	Miners Mountain, Egyptian Temple, & base of Chimney Rock		248 MYA	
70 - 100 ft	Gray dolomitic limestone	Marine	Fremont River Gorge			
400 + ft	White crossbedded sandstone	Beach & dune sands	Fremont River Gorge & Goosenecks of Sulphur Creek		290 MYA	
						Permian



MYA = Million Years Ago

Text & Design by Allyson Mathis Graphics & Artwork by Matt How
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