

Grand Canyon Environments A

Rock layer	Rock evidence	Fossil evidence	Environment interpretation
Kaibab Formation	Mostly limestone containing some grains of sand.	Sponges, corals, brachiopods, clams, and snails.	
Toroweap Formation	Mostly limestone with some sandstone and siltstone layers.	Sponges , corals, brachiopods, clams, snails, and crinoids.	
Coconino Sandstone	Sandstone with broken rock fragments, especially quartz and feldspar. Well-sorted sand grains are mostly the same size. Large crossbeds.	Reptile and insect tracks.	
Hermit Shale	Shaley siltstone in many areas. Erodes easily. Raindrop imprints and mud cracks.	Plant fossils, including arid-climate ferns and conifers, insects, worm trails, reptile or amphibian tracks.	
Supai Group	Red and tan sandstones, siltstones, and a few limestones.	Vertebrate tracks in the sandstone layers, some brachiopods in the limestone layers. Fossils few and far between.	

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