Grand Canyon Environments B

Rock layer	Rock evidence	Fossil evidence	Environment interpretation
Redwall Limestone	Thick gray limestone stained red from iron oxide.	brachiopods, corals, crinoids, and bryozoans common. Most fossils whole, but much limestone made of fragments of fossilized shells.	
Temple Butte Limestone	Mostly dolomite, a rock formed by addition of magnesium to limestone.	Protective plates from primitive armored fish, conodonts.	
Muav Limestone	Shaley, yellowish gray limestone.	Trilobites, brachiopods.	
Bright Angel Shale	Shaley, gray mudstone with some layers of sandstone.	Trilobites, mollusks, and brachiopods. Tracks, trails, and burrows, probably left by worms, snails, and trilobites.	
Tapeats Sandstone	Crossbedded sandstone. Sand grains are rounded and smooth. Lots of quartz grains. Ripple marks.	Trilobite tracks and worm burrow.s	

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