

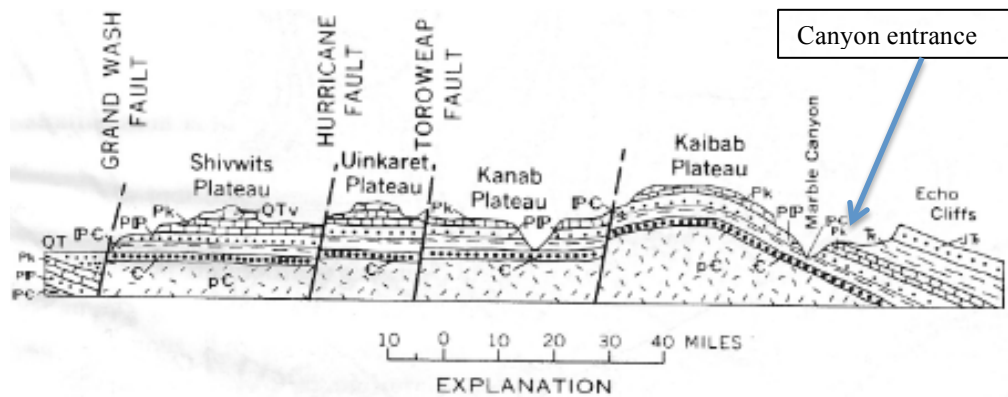
Quote: “These rock layers in the Grand canyon were laid down over **millions of years**, and then slowly **washed away by the river**, forming a channel.”

Question: Would the Colorado River have to flow uphill over the Kaibab Plateau to cut the Grand Canyon? ¹ (Yes, see geologic section of the Canyon area below.)

What characteristics of the rock layers show they were laid down over ‘millions of years’? (none)

-What about the cross-bedded sandstones? They form under deep, fast-moving currents of water catastrophically.²

-“Marine shell fossils, cross beds in limestone and sandstone, thinly laminated shales, and coarse boulders above erosion surfaces all indicate catastrophic sedimentation by water”.³



E-W Geologic section of northwestern Arizona; Shows the barrier to westward flow of the ancestral Colorado River¹

Footnotes

¹ Austin, Steve, *Grand Canyon, Monument to Catastrophe*, Santee, CA, ICR, 1994, p. 15

² *ibid*, p.33-34

³ *ibid*, p.51