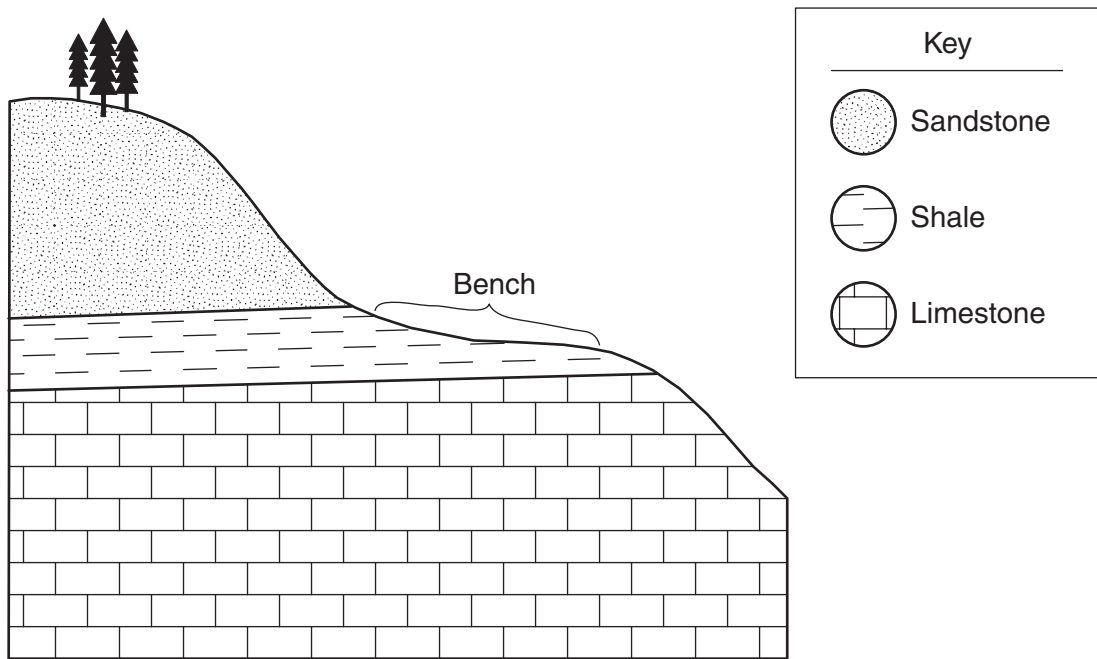


The geologic cross section below shows a hillslope and the rock layers that underlie it.



Which difference between the sandstone, shale, and limestone layers caused the formation of the relatively gently sloped section labeled “bench”?

- (1) rock age
- (2) fossil content

- (3) resistance to weathering
- (4) amount of uranium-238