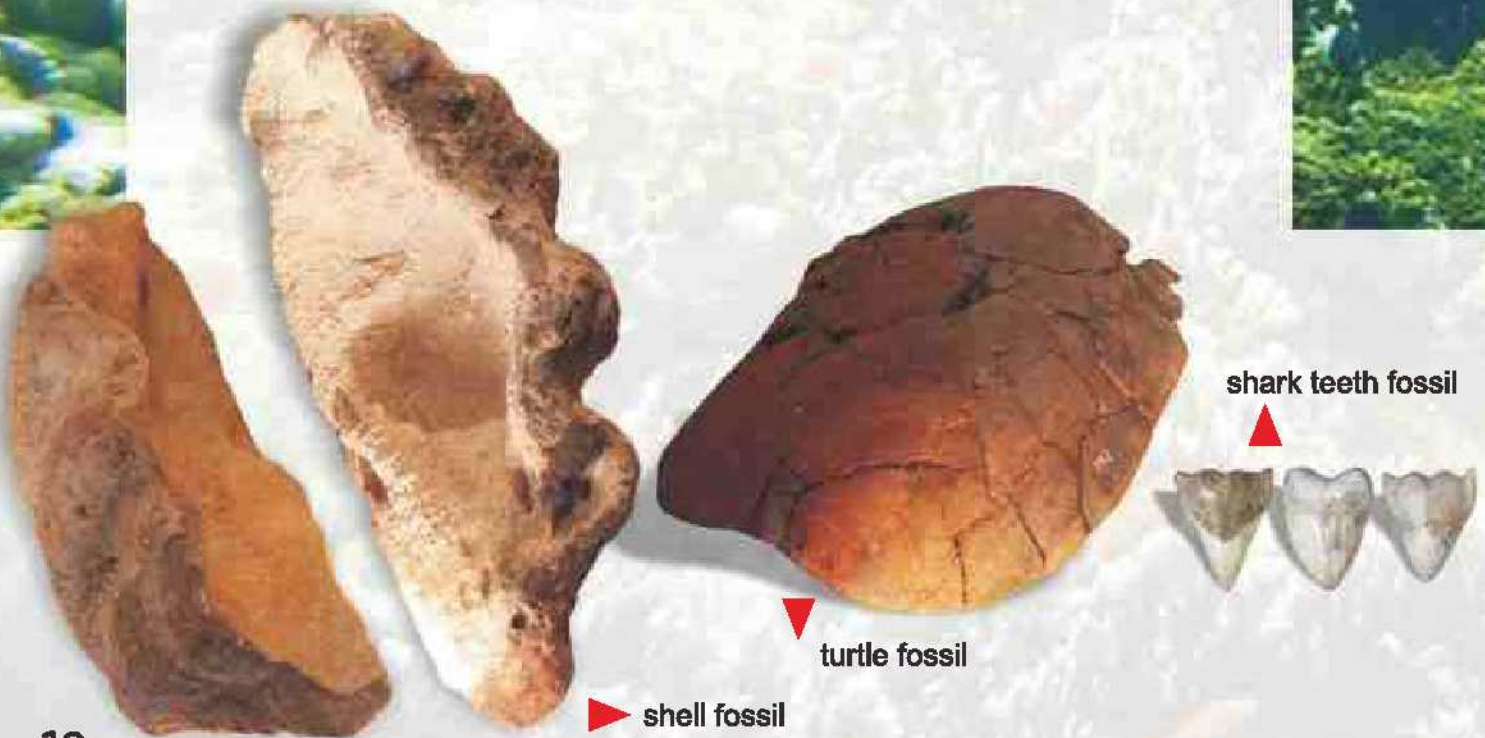


The Oldest Stratigraphy of Sangiran

The form of Earth's surface is always changing from time to time, but the changing is going so slowly so that we did not recognize until a long process and period. Sangiran we see today has ever been an ocean. Fossils such as shells, sharks' teeth, shell of Sea Turtle, oral, etcetera found in blue clay layer. Kalibeng Formation proved Sangiran had ever been a marine environment at about 2,4 mya.





The Source of Saline Water

Aside from the marine fauna fossils evidence, there are sources of saline water, with volcanic mud. Those can be found in Pablengan SubVillage, near Sangiran Museum.



When the sedimentation process was happened, the volcanic muds in marine environment were 'trapped' in the basins of sedimentation. Whenever the soil was cracked, then the saline water mixed with volcanic mud was gushing.