

Alluvium and Marsh deposits - (Holocene) - Interbedded fine sand, silt, and silty clay rich in organic matter, often interbeded

in places. The sediments are derived from the older units on the upper Eastern Shore of Maryland. The unit is a terrace a base level higher than that currently. The unit is inset into the older units, primarily the Pensauken and Aquia Formations and truncates the Miocene and older Tertiary units as well. Very likely three different aged terraces are represented. The terrace appears to occur at an elevation of 18-foot, and most recent terrace at about the 6-foot level. Total thickness is

Pensauken Formation - (Pliocene to Pleistocene ?) Light yellow to orange-tan, in places oxidized to deep reddish brown, feldspathic, fine- to coarse-grained, cross-bedded sand, with thin to thick beds of gravel. Base of formation generally characterized by gravelly channel-lag deposits. Upper part of formation where present is generally a fine to medium sand and loam, but may include gravelly beds and stringers. Clasts include vein guartz, crystalline rocks, sandstones and siltstones. The Pensauken Formation is a fluvial deposit that was probably deposited by an ancestral Delaware River. The thickness ranges from 0 to possibly as much 50 feet.

At 27 feet the gray clay is in contact with a brownish gray (5GY), plastic clay that, at present, is being included herein in the

Feet x 1,000