

Hillsboro 1124-8

Depth (ft)

Description

0 - 500' TD Santa Fe Group alluvium. Partially consolidated gravel of fairly uniform texture and composition. Lithic fragments are weathered silicic volcanics probably derived from very local sources. Fragments are mostly pale-red to pale-reddish-brown and porphyritic. Compositional range of source rock is probably latite to rhyolite. Quartz phenocrysts are visible but minor in occurrence. Degree of weathering appears uniform through the entire section penetrated. Alteration to clays may have reduced bulk permeability to a low value: little formation water was produced during air-drilling.