Geologic Log For Site POLK 51006

NWIS Site ID: 445757123055501
OWRD Log ID: POLK 51006
Well location: 07S/03W-18ACB
Depth drilled, in feet below land surface: 500
Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 503

Logged by: T. L. Tolan and M. H. Beeson
Date drilled: 08/23/1999

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
0		Ground Surface	503			
		Soil and clay				
		Weathered basalt Winter Water flow Weathered and oxidized fine grained basalt with some dense, hard basalt fragments (corestones)			40	
		Mix of weathered, oxidized basalt and micaeous sediment (invaded or rafted?)	415			
100		Black glass and fine grained, vesicular basalt	388			
		Ortley invasive lobe? Few large vesicles; gray diktytaxitic; finer grained, black nearer base with some small vesicles	373	3 gpm	140	
		Interbed or contamination? Mix of oxidized to gray basalt and sediment	333 328			
200		No vesicles (eroded top?)				
300		**Ortley flow** Dark gray to black, dense; slightly microphyric; rare phenocrysts				
400		**Colonnade** Gray, dense	113	40 gpm		
		460'-500' - Darker, finer grained, slightly vugy and fractured			450	
500			3			