

# Geologic Log For Site POLK 51007

NWIS Site ID: 445806123054901

OWRD Log ID: POLK 51007

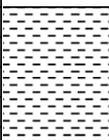
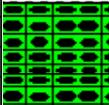
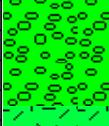
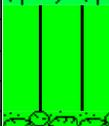
Well location: 07S/03W-18ABD

Depth drilled, in feet below land surface: 397

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 508

Logged by: T. L. Tolan and M. H. Beeson

Date drilled: 07/22/1999

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
0		Ground Surface <b>Soil to red clay</b> Red clay at top changing to reddish brown silt with weathered basalt fragments at 10' depth	508			
		<b>Weathered basalt (Winter Water or Ortley?)</b> Weathered and oxidized fine grained basalt with some dense, hard basalt fragments	463			
		<b>Sediment interbed</b> Light tan claystone; gray clay deeper (driller's log)	428			
100		<b>Vesicular flow top</b> Slightly weathered, fine grained, vesicular	410			
		Gray to black, diktytaxitic from 110'-160'		5 gpm		124 - 128 ft. 0.5 gpm
		Gray to dark gray, dense from 180-210	373			
200		<b>Ortley flow</b> Entablature - gray to black, dense; slightly microphyric				
300		Colonnade - light gray to dark gray	163	30 gpm		
		<b>Pillow basalts</b> Black, vesicular, grass and fine grained basalt	128			
400			111			
500						