

# Geologic Log For Site MARI 52013

NWIS Site ID: 445301123054901

OWRD Log ID: MARI 52013

Well location: 08S/03W-07DCD

Depth drilled, in feet below land surface: 385

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 850

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

Date drilled: 06/24/1997

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
0		Ground Surface	850			
100		<b>Soil to brown clay</b> Most is medium-soft brown clay down to 92' where it changes to red claystone				
100		<b>Weathered basalt</b> Weathered and oxidized reddish brown to tan	740			
150		<b>Winter Water flow</b> Dense, black, fine grained basalt with a few small blocky plagioclase phenocrysts	721	10 gpm		
200		<b>Colonnade</b> Gray to mottled gray, finer grained and microvesicular at base	665		170	
250		<b>Vesicular zone</b> Slightly weathered and oxidized vesicular flow top; abundant brown opal and some white sediment?	638			
250		<b>Ortley flow</b> Weathered and bleached down to 270'; then fresher black, fine grained and slightly microphyic basalt	625			
300		<b>Colonnade</b> Gray to dark gray	515		305	
350		<b>Pillow basalt</b> Vesicular black glass and fine grained black to dark gray basalt; yellowish coating on glass	493			
350		<b>Ortley - Flow top?</b> Reddish, vesicular changing downward to gray to black, dense basalt	483	30 gpm		
385		<b>Ortley - Flow top?</b> Reddish, vesicular changing downward to gray to black, dense basalt	465		380	
500						