

Geologic Log For Site MARI 70

NWIS Site ID: 451357122474501

OWRD Log ID: MARI 70





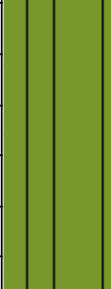
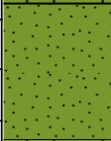
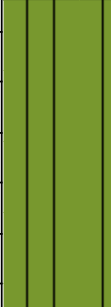
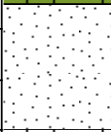


Well location: 04S/01W-10CDD

Depth drilled, in feet below land surface: 290

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 187

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

Date drilled: 05/02/1990

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
0		Brown clay w/ sand layers <small>Ground Surface</small>	0			
		Gritty clay w/ sand layers	-14			
		Frenchman Springs Member, Wanapum Basalt <small>Black basalt</small>	-53			
		brown clay w/ rock fragments	-60			
		Sentinel Bluffs Member, Grande Ronde Basalt flow 1 <small>brown to gray basalt</small>	-68	<small>SWI - 65 ft</small>		
100		<small>Note: Samples for chemistry collected from chip pile after drilling was complete. Two distinct populations of samples were sampled (AU-1 and AU-2). Both samples are Sentinel Bluffs and AU-2 is phyric.</small>			AU-1 (est. depth)	
		Sentinel Bluffs Member, Grande Ronde Basalt flow 2	-127	5 gpm		
		Sentinel Bluffs Member, Grande Ronde Basalt flow 2 <small>AU-1 - dark gray, very diktyaxitic, medium to coarse grained</small>	-154			
200					AU-2 (est. depth)	
		Sentinel Bluffs II or Winter Water Member, Grande Ronde Basalt	-215			
		Sentinel Bluffs II or Winter Water Member, Grande Ronde Basalt <small>AU-2 - coarse grained, dense, olive black, phyric</small>	-240	100 gpm		
			-290			
300						