

# Geologic Log For Site MARI 53023

NWIS Site ID: 451429122455301

OWRD Log ID: MARI 53023

Well location: 04S/01W-11ADA01

Depth drilled, in feet below land surface: 1097

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 190

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

Date drilled: 03/17/1998

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
0		Ground Surface	190			
		<b>Willamette Silt</b>				
		Brown clay				
		Sand with some pea gravel, brown	168			
			164			
		<b>Willamette Silt?</b>				
		Clay and silty clay, brown				
			116			
		<b>Troutdale Formation?</b>				
100		Clay, gray				
		<b>Troutdale Formation</b>	80			
		Gravel (3/4") with blue clay				
		Clay, gray	65			
		Gravel, medium sized	58			
		Clay - blue, brown, gray, with gravel				
			42			
		<b>Troutdale Formation</b>				
200		Clay - blue, blue-green, gray				
			-100			
300		Clay, brown				
			-122			
400						

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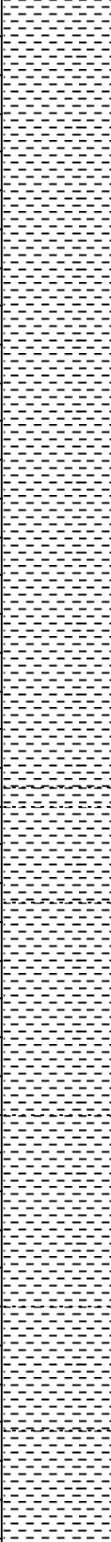
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500		Clay, blue, blue-green, gray				
600		<b>Troutdale Formation</b>	-415			
		Clay, brown with some wood	-420			
		Clay, green-blue with abundant wood				
			-445			
		Clay, blue				
700			-500			
		Clay, blue-green, sticky				
			-550			
		Clay, brown, sticky				
			-582			
800						

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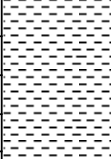

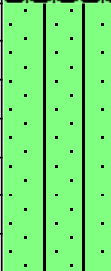
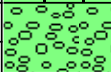
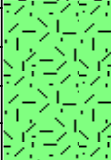
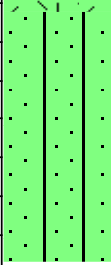
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Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
		Clay, red				
		<b>Weathered basalt</b> Rock (gray-pink-brown-red) with clay (brown and red)	-652			
900		<b>Winter Water Member, Grande Ronde Basalt</b> Fine grained, slightly diktytaxitic, some small blocky plagioclase phenocrysts Fairly fresh, but some yellow staining  <b>flow 1</b> Darker gray and finer at base	-710			
		Vesicular flow top - red, yellowish clay deposits on fractures and vesicles; a few glassy chips	-780			
1000		Dark gray to black, fine grained, only a few phenocrysts  (1004'-1019' - lighter gray)  (1019'-1032' - dark gray to black, finer grained)	-798			
		<b>Winter Water Member, Grande Ronde Basalt</b> Colonnade? - lighter gray, slightly diktytaxitic, very few phenocrysts  <b>flow 2</b> Darker gray to black, s glassy chip - near base or flow lobe?	-842			
1100			-907			
1200						