

Geologic Log For Site BAGD 23-28

NWIS Site ID: 450612122563901

OWRD Log ID: BAGD 23-28

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

Well location: 05S/02W-28CC1

Depth drilled, in feet below land surface: 6010

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 194

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
0		No Description	183			
		Ground Surface				
		Troutdale Formation	143			
		interbedded gray clay and siltstone				
100						
		gravel	13			
200						
		peat with wood	47			
		sandy silt stone				
		sandy gravel	-72			
300						
		gray clay	-227	NA		
400						
		No Description	-247			
500						
600						
700						
800						

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		green-gray clay	-647			
900						
		sandy clay	-807			
1000						
		green-gray clay	-837			
		Grande Ronde Basalt - Sentinel Bluffs Member	-887			1070 ft: Top of CRBG
		normal flow top	-902		1080	Sentinel Bluffs Member: sparsely plagioclase phyrlic with small glomerocrysts
1100		dense interior - colonnade				
		Grande Ronde Basalt - Winter Water Member	-967			
		normal flow top	-977			Winter Water Member: plagioclase phyrlic with small glomerocrysts
		dense interior - entablature				
1200						
		dense interior - colonnade	-1017	NA	1200	
		Grande Ronde Basalt - Umtanum Member	-1027			
		normal flow top	-1037		1230	Umtanum Member flow 1: aphyric
		dense interior - entablature				
		dense interior - colonnade	-1067		1260	flow 2: aphyric
1300						
		normal flow top	-1087			
		dense interior - entablature	-1097		1290	
		dense interior - colonnade				
		interbed - sandy siltstone, mica, carbonized wood	-1157			1340 ft: Interbed approx. 10 ft. thick
			-1167			
		Grande Ronde Basalt - Ortley Member				
		normal flow top	-1187			
		dense interior - entablature			1410	Ortley Member flow 1: aphyric
1400		dense interior - colonnade	-1217			
		normal flow top	-1237			flow 2: aphyric
		dense interior - entablature	-1257		1470	
1500						
		dense interior - colonnade	-1332		1530	
1600						1600 ft: Bottom of CRBG
			-1417			

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Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
	[Symbol]	Pre-CRBG sediments - sandy claystone (marine)		NA		
		TD 6005 ft	-1467			
1700						
1800						
1900						
2000						
2100						
2200						
2300						
2400						