

Geologic Log For Site CLAC 20274

NWIS Site ID: 451611122324501

OWRD Log ID: CLAC 20274

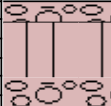


Well location: 03S/02E-34ACB

Depth drilled, in feet below land surface: 1500

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 540

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

Date drilled: 07/25/1994

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
0		Ground Surface	570			
		deeply weathered to clay	558			
		dense interior - colonnade				
		deeply weathered to clay	529			
		Boring Lavas	510			
		Troutdale Formation	496			
100		tan clay				
		pebbly sandstone				
200		tan to grey clay				
300		gravel sandstone with "pumice"	343			
		tan clay	310			
			288			
400		blue-gray clay				
500		gray sandy clay	144			
			132			
		blue-gray clay with mica				
600		tan mica sand	9			
			-9			
		gray clay with mica				
		gray sand with "pumice"	-56			
		gray brown clay	-67			
700		gray clay and black sand	-101			
		gravelly sand	-113			
		gray-blue clay	-126			
		gravelly sand and clay	-163			
		dark gray clay	-181			
800		mica sandstone	-212			
			-220			

Samples from Troutdale Formation from 785 ft. to 1012 ft.

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900		blue-gray clay with interbeds of sand, sand ranges from coarse to fine (lithic to mica), paleosols found in silt				
1000						
1100						
		lithic sandstone	-550			
		gray clay	-580			
		gravelly clay	-604			
1200		red clay	-620			
		sandstone	-635			
		white-red-blue clay	-660			
		gray-black clay with wood	-690			
		Wanapum Basalt, Frenchman Springs Member	-700		1270	1260 ft: Top of CRBG; no flow top, removed by erosion
		Basalt of Sentinel Gap, flow 1	-710			
1300		dense interior - entablature				
		normal flow top				
		dense interior - colonnade				
			-750			
		normal flow top	-760	275gpm		
		dense interior - colonnade	-780		1340	
		interbed - claystone	-795			1350 ft: Interbed approx. 15 ft. thick
		Wanapum Basalt, Frenchman Springs Member				
		Basalt of Silver Falls, flow 1	-820			
1400		normal flow top				
		dense interior - colonnade		25gpm		
			-870			
		normal flow top	-880			
		dense interior - colonnade				
			-910			
		normal flow top	-917	75gpm		
1500		dense interior - colonnade	-930		1500	
		TD 1500 ft				
1600						