

# Geologic Log For Site CLAC 2954

NWIS Site ID: 452130122384001

OWRD Log ID: CLAC 2954

Well location: 02S/01E-35AAC2

Depth drilled, in feet below land surface: 690

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 580

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

Date drilled: 04/01/1991

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
0		Ground Surface	565			
		<b>Brown clay</b>				
		<b>Decomposed brown basalt</b>				
		<b>Clay with rock fragments</b>	547			
		firm gray-brown basalt				
		hard gray basalt				
		gray-brown basalt				
		firm gray basalt				
		soft black basalt	490			
		soft brown basalt				
100		soft gray-black basalt	471			
		soft brown basalt	461			
		firm gray-black basalt	447			
		soft gray-brown basalt	436			
		firm brown basalt	400			
200		firm gray-brown basalt				
		hard gray basalt				
		firm brown basalt				
		soft brown basalt	305			
		soft gray-black basalt	291			
300		firm gray-brown basalt				
		<b>Winter Water Member, Grande Ronde Basalt</b>	215			
		gray, slightly diktytaxitic, abundant small block plagioclase phenocrysts				
		Abrupt change downward at 390 ft. greenish discolored				
400		Greenish discolored, mostly dense, fine grained				

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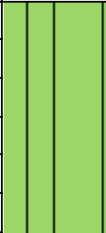

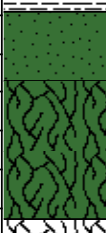


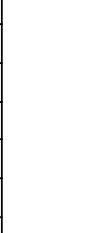
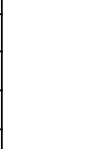
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		sediment chips, carbon, glass	103			
		flow top breccia - a mix of sediment and scoria				
		<b>Ortley Member, Grande Ronde Basalt</b> dark gray (diktytaxitic) to black (fine, dense) vesicular zones	90			
500						
		greenish brown sediment (volcanic), carbonized wood	41			
		flow top scoria	36			
		<b>Umtanum Member, Grande Ronde Basalt</b> dark gray to black, fine grained, fresh, not microphyric, slightly diktytaxitic higher in flow	18			
		<b>Waverly Heights Formation - basalt</b> ocher colored at top to gray at base, very weathered, massive; carbon and sediment chips at top; abundant slickensides	-18			
600						
		vesicular, vesicles filled with zeolites, purplish cast	-55			
		<b>Waverly Heights Formation - basalt</b> purplish, fine grained, fractured and mineralized Denser and greenish toward base	-65			
		vesicular, mineralized (zeolites, not much calcite), multicolored including purplish	-105			
700			-125			
800						