

Geologic Log For Site WASH 6150

NWIS Site ID: 453441123032001

OWRD Log ID: WASH 6150

Well location: 01N/03W-16AAB

Depth drilled, in feet below land surface: 1505

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 172

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

Date drilled: 11/24/1985

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
0		Ground Surface Willamette Silt	185			
		tan silty clay	167			
		gray silty clay				
		Troutdale Formation	132			
		gray clay				
100						
		tan clay	63			
		red-brown sand	52			
		tan clay	43			
		red-brown sand	29			
		gray clay	21			
		gray-brown sandy clay				
200						
		gray clay	-37			
		gray sandy clay	-79			
		blue-gray clay	-102			
300						
		gray-brown clay	-143			
400		brown sand and clay	-209	NA		
		blue-gray clay	-242			
		gray sandy clay	-292			
500		blue gray clay	-317			
600						
		gray clay with black sand	-510			
		gray sand with wood	-585			
		gray-red-brown clay	-596			
800						

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		gray sandstone				
		Grande Ronde Basalt, Sentinel Bluffs Member	-673			
		deeply weathered dense interior - colonnade	-687		890	858 ft: Top of CRBG; deeply weathered from 858 to 872 ft, flow top present on uppermost flow
			-733			Sentinel Bluffs Member
		normal flow top	-743			flow 1: aphyric
		dense interior - colonnade	-762			flow 2: aphyric
			-795			flow 3: plagioclase phyric with small phenocrysts
		Grande Ronde Basalt, Winter Water Member	-856		1050	
		flow top breccia				
		dense interior - entablature	-905		1110	Winter Water Member: plagioclase phyric with small glomerocrysts
		dense interior - colonnade	-965			
		pillow complex	-975	NA		
		interbed claystone	-985			1170ft: interbed <1ft. thick
		Grande Ronde Basalt, Ortley or Grouse Creek Member	-1025		1250	Ortley Member: aphyric
		normal flow top				
		dense interior - entablature	-1115			
		Grande Ronde Basalt, Wapshilla Ridge Member	-1165		1375	
		normal flow top	-1185			Wapshilla Ridge Member
		dense interior - entablature	-1215			flow 1: abundantly plagioclase microphyric
		normal flow top	-1265			flow 2: abundantly plagioclase microphyric
		dense interior - entablature				
1500		TD 1505 ft	-1320		1500	
1600						