

# Geologic Log For Site WASH 5586

NWIS Site ID: 453230122555701

OWRD Log ID: WASH 5586

Well location: 01N/02W-28DAB

Depth drilled, in feet below land surface: 1517

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 183

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

Date drilled: 10/01/1986

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
0		<b>Portland Hills or Willamette Silt</b> Ground Surface	204			
		brown silty clay	186			
		<b>Troutdale Formation</b>				
		gray-brown clay				
100			83			
		blue-gray sandy clay				
200		blue-gray clay	12			
		black sand	-31			
		gray-green clay				
300		gray sandy clay	-93			
			-105			
		gray clay				
400				NA		
		blue-gray sandy clay	-240			
		gray clay	-254			
		black sand	-265			
			-272			
500		blue-gray sandy clay				
			-309			
		dark gray clay				
600		gray sandy clay	-399			
			-415			
		gray-brown clay				
700						
		gray-green sandy clay	-513			
			-527			
		gray-brown clay				
800						

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		black sand	-608			
		blue-gray sandy clay	-619			
		blue-gray clay				
900		gray sandy clay	-693			
		gray-brown clay with black sand beds	-703			
		<b>Grande Ronde Basalt, Sentinel Bluffs Member</b>	-765			
		deeply weathered zone			990	968 ft: Top of CRBG; very deeply weathered from 969 to 1080 ft, flow top present on uppermost flow
		dense interior - colonnade	-866		1068	<b>Sentinel Bluffs Member</b> flow 1: aphyric
		normal flow top	-881			flow 2: very sparsely plagioclase phyrlic with small phenocrysts
		dense interior - colonnade			1160	flow 3: very sparsely plagioclase phyrlic with small phenocrysts
		normal flow top	-983			
		dense interior - colonnade	-991		1210	
		<b>Grande Ronde Basalt, Winter Water Member</b>	-1016			
		normal flow top	-1026			
		dense interior - entablature			1275	<b>Winter Water Member</b> flow 1: plagioclase phyrlic with small glomerocrysts
		normal flow top	-1091			
		dense interior - entablature	-1106		1315	flow 2: plagioclase phyrlic with small glomerocrysts
		normal flow top	-1119			
		dense interior - entablature	-1126		1350	flow 3: plagioclase phyrlic with small glomerocrysts
		normal flow top	-1156			
		<b>Grande Ronde Basalt, Ortlely/Grouse Creek? Member</b>				
		flow top breccia	-1206			<b>Ortlely / Grouse Creek Member</b> flow 1: aphyric flow 2: aphyric
		dense interior - entablature			1450	
		dense interior - colonnade	-1251			
		interbed - clay stone	-1274			1475 ft: interbed approx. 5 ft. thick
		flow top breccia	-1308			
		dense interior - entablature	-1313		1515	1500 ft: Flow 2 below interbed may be Grouse Creek Member
		<b>TD 1517 ft</b>				