

Geologic Log For Site WASH 7691

NWIS Site ID: 453650123000301

OWRD Log ID: WASH 7691

Well location: 02N/03W-36CAA

Depth drilled, in feet below land surface: 583

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 220

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

Date drilled: 08/10/1989

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
0		Wanapum Basalt, Frenchman Springs Member Basalt of Sand Hollow deeply weathered (laterite)	218			Top of CRBG at ground surface; very deeply weatered 0 to 218 ft. No samples from 0 to 235 ft. Unit contacts interpreted from drillers log.
100		Basalt of Ginkgo? deeply weathered (laterite)	121			
		Vantage Interbed claystone	58			160 ft: Vantage Interbed estimated to be approx. 10ft. thick.
		Grande Ronde Basalt, Sentinel Bluffs Member flow 1 (-1)	48			
200		weathered flow top deeply weathered interior	27			
		dense interior - colonnade	0			Sentinel Bluffs Member flow 1 (-1): aphyric flow 2: sparsely plagioclase phyric with small phenocrysts
		normal flow top	-32	20gpm	245	
		dense interior - colonnade, flow lobe	-42			
		normal flow top	-57			
		dense interior - colonnade				
300		interbed - claystone	-83		300	305 ft: Interbed <2 ft. thick.
		Grande Ronde Basalt, Winter Water Member flow 1	-97		320	
		normal flow top	-117	10gpm		335 ft: Interbed <2 ft. thick.
		dense interior - colonnade				Winter Water Member flows 1 & 2: plagioclase phyric with small glomerocrysts
		interbed - claystone	-137			
		normal flow top				
		dense interior - entablature	-167	70gpm	390	Note: Winter Water flows 2 and 3 may be flow lobes of a single flow.
		dense interior - colonnade				
400		flow top	-187			
		dense interior	-197	16gpm	420	flowlobe: plagioclase phyric with small glomerocrysts flow 3: plagioclase phyric with small glomerocrysts
		normal flow top	-202			
		dense interior - entablature	-212			
		pillow complex with massive claystone rip-ups			480	
500					500	
		Interbed - siltstone with wood	-302			520 ft: Interbed approx. 10 ft. thick.
		Grande Ronde Basalt, Ortley Member	-312			Ortley Member: aphyric
		normal flow top	-322		565	
		dense interior - entablature			575	
		TD 583 ft	-387			
600						