

Geologic Log For Site WASH 61319

NWIS Site ID: 452749122484901

OWRD Log ID: WASH 61319

Well location: 01.00S/01.00W-21DCC01

Depth drilled, in feet below land surface: 482

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 348

Logged by: M. H. Beeson

Date drilled: 06/02/2004

Depth	Symbol	Lithologic Description	Elevation	Remarks
		Ground Surface	348	
0		<i>Fill</i>	343	
		<i>Soil and Weathered rock</i>	333	
		<i>Ginkgo flow</i> Highly weathered to clay, silt and 'gravel'; basalt chips contain some plagioclase phenocrysts	313	Chem Sample 30-35'
			308	
		<i>Sedimentary Interbed</i> Olive to red clay and silt		
		Vesicular flow top - weathered, oxidized (upper half) 60-70' - some oxidized, few vesicles	286	
		<i>Sentinel Bluffs I flow</i> Gray to black, dense, fine grained, slightly microphyric; greenish alteration	258	Chem Sample 80-85'
		Vesicular flow top - vesicular, reddish, fine grained	248	Chem Sample 100-105'
100		<i>Sentinel Bluffs I flow</i> Gray to dark gray, fine to med-fine grained; some oxidation on joints	228	
		Vesicular flow top - fine grained, vesicular, oxidized (upper 5')	218	
		<i>Sentinel Bluffs II</i> Mostly dense, not very diktytaxitic, fine grained, slightly microphyric; small plagioclase phenocrysts; dark gray to black	193	Chem Sample 140-145'
		Vesicular flow top? - vesicular, slightly oxidized	178	
		<i>Winter Water flow</i> Gray (fresh) to black (hydrated), phyric	163	Chem Sample 180-185'
		Pillow lava - some glass	158	SWL - 185'
200		Vesicular flow top - vesicular, some reddish, oxidized, few vesicles; slightly diktytaxitic; some glass	143	
		<i>Winter Water flow</i> Very fine grained, black		SWL - 216.4'
		235-270 - gray and black, transition from entab. to col.		

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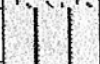
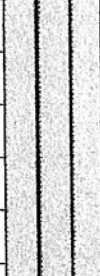

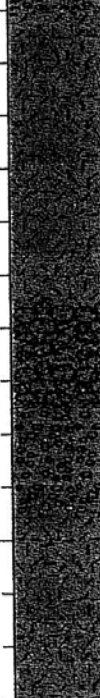
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		Winter Water phenocrysts; very fine grained, dark gray to black (on joints)	78	Chem Sample 260-265'
		gray at 270'; mix of gray and red downward		
		Fine grained, slightly diktytaxitic		
		finer grained near base, gray to black	8	
350		Vesicular flow top - fine grained, vesicular chips, slightly weathered and oxidized	-2	Chem Sample 355-360'
		Black, very fine grained, some greenish alteration, a few microphenocrysts		
		Ortley/Grouse Creek flow Fine grained, fresh dark gray to brown oxidized		Chem Sample 380-385'
		395'-410' - several chips w/ slickensides	-57	
		Pillow basalt and hyaloclastite - frothy, glassy chips	-77	
		Vesicular flow top - fine grained, slightly oxidized (reddish), some glass	-97	
450		Ortley/Grouse Creek flow Gray to black (hydrated), fine grained, a few microphenocrysts		Chem Sample 475-480'
		465' - chip w/ slickensides (from above?)	-132	
		End of Log		