

# Geologic Log For Site WASC 50928

NWIS Site ID: 453205121023001

OWRD Log ID: WASC 50928

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

Well location: 01N/14E-26CCC

Depth drilled, in feet below land surface: 820

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 1130

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
0		Ground Surface	1130			
		10'-15' - Slightly micaceous				
		20'-30' - Volcanic scoria and pumice				
		30'-60' - Tuffaceous claystone				
		<b>The Dalles Formation</b> Gray and brown sandstone				
		60'-100' - small pebbles and pumice				
100		100' to base - larger volcanic pebbles and pumice				
		no vesicular zone - eroded top?	995			
		155' and deeper - claystone chips mixed with basalt				
		<b>Rosalia flow - pillow basalt</b> Glassy to fine grained black to reddish; yellow and orange coatings on fresh black glass				
200		200'-210' - vesicular				
		<b>Vesicular flow top</b> Few small vesicles, slightly oxidized and weathered	915			
		<b>Sentinel Gap flow</b>	900			
		<b>Vesicular flow top</b> Small vesicles, some reddish oxidation, few sediment chips	890			
		<b>Sand Hollow pillow basalt</b> Mix of vesicular glass and denser fine-grained chips; red to yellow coatings on black glass	875			
		<b>Vesicular flow top</b>	840			
300		Vesicular, slightly oxidized, some yellow opaline fragments	830			

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		300'-330' - microvesicular to diktytaxitic				
		<b>Sand Hollow flow</b> Moderately phyrlic, microphyric, coarse grained, fresh black				
		350'-360' - microvesicular				
		<b>Vesicular flow top</b> Fresh, black, vesicular	770			
			760			
		380'-400' - some fine grained, dense, oxidized chips				
400						
		<b>Sand Hollow flow</b> Medium to coarse-grained, dense, dark gray to black; phenocrysts rare				
500						
		finer grained near base of flow				
		<b>Vesicular flow top</b> Microvesicular, mostly fresh; large phenocrysts	595			
		<b>Ginkgo or Silver Falls flow?</b> Microphyric and very few phenocrysts (more like Silver Falls); Chemistry is more like Ginkgo; some opal chips	570			
		<b>Vesicular zone</b> Red, oxidized, vesicular	555			
			545			
600						

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