

# Geologic Log For Site MULT 72559

NWIS Site ID: 452909122050901

OWRD Log ID: MULT 72559

Well location: 01S/06E-17AAD01

Depth drilled, in feet below land surface: 615

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 1266.91

Logged by: M. H. Beeson

Date drilled: 12/23/2003

Depth	Symbol	Lithologic Description	Elevation	Remarks
0		Ground Surface	1266	
		<i>Fiji</i>		
		<i>Volcanic debris</i>	1255	
		Top 5' is oxidized; Microvesicular to diktytaxitic, black; 10-21' is more phyrlic	1245	
		<i>Ginkgo flow</i>		
		Dense, medium grained, sparsely phyrlic		Chem: Bear Creek 50
		Finer grained, black, abund. phyrlic to base Samples 65' and 70' - some black carbonaceous sediment chips	1196	Chem: Bear Creek 65
		Vesicular, very slightly oxidized, fine grained	1178	
		<i>Sentinel Bluffs I flow</i>		
		Microvesicular to coarsely diktytaxitic, medium to coarse grained		
100		Finer grained near base, dense	1133	Chem: Bear Creek 125
		Vesicular, greenish alteration, fine grained	1128	
			1120	
			1118	
		Vesicular, crusty, greenish, clay, calcite; light colored claystone chips (from where?) A few phyrlic chips (from above?)	1111	SWL = 158'
		<i>Sentinel Bluffs II flow</i>		
		Fine grained, dark gray, a few vesicles but mostly dense		
200				

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Depth	Symbol	Lithologic Description	Elevation	Remarks
300	Yellow dotted pattern	<p>200-240' - medium to medium-fine grained, light gray to dark gray, a few microvesicles or diktytaxilic; altered on joints</p> <p>240-265' - dark gray, medium-fine grained</p> <p>265-315' - Black, medium coarse-grained, greenish alteration</p> <p>Finer at base, a few vesicles and some siltstone chips</p>	941	Chem: Bear Creek 305
	Yellow dotted pattern	<p><b>Siltstone interbed</b></p> <p>Nonvesicular - upper part of flow eroded off</p>	834	
400	Green dotted pattern	<p><b>Winter Water flow</b></p> <p>Fine grained, dark gray, dense, sparse small phenocrysts</p> <p>(Samples 390', 395', and 400' are missing???)</p>	866	Chem: Bear Creek 385

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Depth	Symbol	Lithologic Description	Elevation	Remarks
				(Sample mix-up - 390' to 530')
		425-435' - some vesicular chips (in place or sampling problem?)	794	
			786	
			771	
			766	
500			761	[This interbed position is uncertain (10' higher?) due to sample mixup]
			744	
		525-545' - black, microphyric, dense		Chem: Bear Creek 535-540
			691	
		<i>Ortley flow</i>		
600			666	

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