

# Geologic Log For Site YAMH 1690

NWIS Site ID: 452124122593201

OWRD Log ID: YAMH 1690


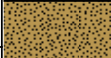





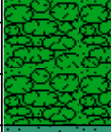
Well location: 02S/03W-36ADA

Depth drilled, in feet below land surface: 553

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 1400

Logged by: M. H. Beeson

Date drilled: 03/31/1992

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
0		<b>Soil and silty clay</b> Ground Surface	1400			
		<b>Brown sandstone</b>	1389			
		<b>Winter Water Member, Grande Ronde Basalt flow 1</b> gray to dark gray, dikeytaxic, plagioclase phytic (common)  50-55 ft. - yellowish altered chips  80 ft-base - more discolored (greenish) and oxidized	1377		CMCJ 37-50	
			1307		CMCJ 65	
100		vesicular flow top - vesicular, slightly oxidized	1297			
		<b>Winter Water Member, Grande Ronde Basalt flow 2</b> Winter Water appearance but phenocrysts are rare  gray with hydration rinds on joints may be thin zone of pillow lava	1277		CMCJ 123-133	
			1250	NR		
			1245			
		<b>Claystone and scoria</b> mix of clay and bleached and altered scoria flow top breccia - vesicular, weathered, oxidized	1240			
		<b>Ortley Member, Grande Ronde Basalt</b>  220 ft. - greenish gray alteration  225-250 ft. - black, dense, fine grained  gray, dense, some alteration	1230			
200			1215		CMCJ 223-233	
		glass, some vesicles, finer grained	1150			
			1125			
300			1100			

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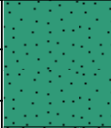







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Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
		vesicular, glass, red-brown oxidation, sediment chips; some 'dirty' weathered chips				
		<b>Wapshilla Ridge Member, Grande Ronde Basalt flow 1</b> fine grained, micro phyrlic; 350-365 ft. - altered or 'dirty' chips, but no vesicles  pillows? glass chips at 383-393 - from interflow zone above?	1075		CMCJ 383-393	
400		dark gray to black, dense, fresh, microphyric	995			
		vesicular, some weathering and oxidation	975			
		<b>Wapshilla Ridge Member, Grande Ronde Basalt flow 2</b> black, fine grained, dense, microphyric  455 ft. - some bleached, vesicular chips - from up hole?  470 ft. - some vesicular, glassy chips - from up hole?  510 ft. - fine grained, black, dense, but not bleached  515-535 ft. - coarser, dark gray, dense, microphyric	965	NR		
500			885		CMCJ 513-523	
		a few vesicles, finer grained but no glass	865			
		<b>Sediment</b> biege claystone w/ minor flakes; slickensides observed	859			
			847			
600						