

Geologic Log For Site UMAT 5735

NWIS Site ID: 455021119165401

OWRD Log ID: UMAT 5735

Well location: 04N/28E-11CAD2

Depth drilled, in feet below land surface: 1206

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 448

Logged by: T. L. Tolan

Date drilled: 09/10/1992

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
0		Cataclysmic Flood Deposits <small>Ground Surface</small>	0			
		Alkali Canyon Formation	-15	WB		
		Pomona Member - Saddle Mountains Basalt normal flow top dense interior - entablature	-38 -46			
100		flow bottom	-140			
		Selah Member - Ellensburg Formation	-165			
200		Umatilla Member - Saddle Mountains Basalt dense interior - entablature	-185	50 gpm		
		flow bottom	-230			
		Mabton Member - Ellensburg Formation	-250			
		Priest Rapids Member - Wanapum Basalt <small>Lolo flow</small>	-279	100 gpm		
300		flow top breccia dense interior - colonnade				
		Quincy / Squaw Creek Member - Ellensburg Formatic	-384			
400		Frenchman Springs Member - Wanapum Basalt <small>Basalt of Sentinel Gap</small>	-415			
500		flow bottom	-550			
		Frenchman Springs Member - Wanapum Basalt <small>Basalt of Sand Hollow</small> <small>flow 1</small>	-590	WB		
600		normal flow top dense interior - colonnade				
		flow top breccia dense interior - colonnade	-646			
700						
800						

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		flow bottom	-840			
		Frenchman Springs Member - Wanapum Basalt	-848			
		Basalt of Ginkgo	-870	WB		
		normal flow top	-880			
900		normal flow top	-890		905	
		dense interior	-940		920	
		normal flow top	-925			
		dense interior	-945			
		normal flow top	-960			
		dense interior				
1000		normal flow top				
		dense interior				
		Sentinel Bluffs Member - Grande Ronde Basalt			1025	
		flow 1				
		normal flow top				
		dense interior				
		normal flow top	-1065			
		dense interior	-1085			
1100					1125	
		interbed - claystone	-1150			
		normal flow top	-1165	WB		
		dense interior	-1180			1180
1200		flow top	-1200		1195	
		TD 1200 ft.				
1300						
1400						
1500						
1600						