

Geologic Log For Site UMAT 6283

NWIS Site ID: 455706118251601

OWRD Log ID: UMAT 6283

Well location: 06N/35E-34DBC

Depth drilled, in feet below land surface: 1003

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 910

Logged by: T. L. Tolan

Date drilled: 10/19/1994

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
0		conglomerate Ground Surface	0			
100				40 gpm		
200		pebbly sandstone	-163			
		sandstone	-240			
		conglomerate	-250			
		clay	-255			
300		sandstone	-296			
		pebbly sandstone	-318			
		clay (mica)	-333	80 gpm		
		pebbly sandstone	-346			
		claystone	-346			
400		Ice Harbor Member? - Saddle Mountains Basalt normal flow top dense interior - colonnade	-389			
		Levey / Rattlesnake Ridge / Selah Members	-420			
		Ellensburg Formation	-430			
		Umatilla Member - Saddle Mountains Basalt normal flow top dense interior - entablature	-445 -455			
			flow 1			
500		dense interior colonnade	-500			
		pillow complex	-510			
		normal flow top	-520			
		dense interior - colonnade	-540			
			flow 2			
		Mabton Interbed - Ellensburg Formation claystone	-577 -585		546	samples begin at 540 ft.
600			-600		590	

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700		Frenchman Springs Member - Wanapum Basalt					590 - 640 ft. shelly pahoehoe flows, multiple flow lobes
		Basalt of Sentinel Gap flow 1	-610		615		
		normal flow top	-615		620		
		flow top	-620				
		dense interior - colonnade	-630		645		
		flow top	-640				
		dense interior - colonnade	-665				
		flow top	-670				
		dense interior - colonnade	-680		684		
		flow top	-710				
dense interior - colonnade							
fault breccia			-745				
800		Frenchman Springs Member - Wanapum Basalt				125	
		Basalt of Silver Falls flow 1	-745		764		
		flow top	-778				
		dense interior - colonnade					
		fault breccia					
		flow top	-840				
		fault breccia	-850				
		dense interior - colonnade	-880				
		fault breccia	-893				
		Interbed - claystone <2 ft.	-919				
flow top	-940						
dense interior - colonnade							
fault breccia	-990		990				
1000		TD 1003 ft.	-1003		1000		
1100							
1200							