

Geologic Log For Site MORR 50783

NWIS Site ID: 454352119522201

OWRD Log ID: MORR 50783

Well location: 03N/24E-24DAD

Depth drilled, in feet below land surface: 750

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 605

Logged by: T. L. Tolan

Date drilled: 07/20/2000

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
0		Alkali Canyon Ground Surface	0			
				20 gpm		
		Elephant Mountain Member - Saddle Mountains Bas dense interior colonnade	-47		70	
100		Rattlesnake Ridge Member - Ellensburg Formation Interbed - blue clay	-110			
		Pomona Member - Saddle Mountains Basalt normal flow top dense interior entablature	-138		190	
200			-160			
			-240		240	
		Selah Member - Ellensburg Formation sHs/cs	-265			
300		ss	-300			
		sHs/ss	-330	300 gpm		
		sHs/cs	-360			
400		fine ss	-380			
		sHs/cs	-400			
		Priest Rapids Member - Wanapum Basalt normal flow top dense interior colonnade	-460		480	
500			-470	125 gpm		
		minor pillow complex	-525		520	
		Quincy / Squaw Creek Member - Ellensburg Formatio interbed - claystone	-535			
		Frenchman Springs Member - Wanapum Basalt Basalt of Sentinel Gap flow 1	-560	100 gpm		
600		flow top breccia dense interior entablature dense interior colonnade	-600		580	
			-620			
		normal flow top dense interior entablature	-640	500 gpm		
			-680			
700		normal flow top dense interior colonnade	-700			
			-740			
			-750			
		TD 750 ft.				