

Geologic Log For Site MORR 50791

NWIS Site ID: 454251119541201

OWRD Log ID: MORR 50791

Well location: 03N/23E-26ACB

Depth drilled, in feet below land surface: 815

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 643

Logged by: T. L. Tolan

Date drilled: 09/12/2000

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
0		Alkali Canyon Formation Ground Surface	0			
		Elephant Mountain Member - Saddle Mountains Basalt dense interior - colonnade	-60	20 gpm		
100		Rattlesnake Ridge Member - Ellensburg Formation	-90			
		Pomona Member - Saddle Mountains Basalt normal flow top dense interior - entablature	-158 -168			
200		dense interior - colonnade	-240			
300		Selah Member - Ellensburg Formation silt stone / paleosols	-300			
		sandstone	-330	500 gpm		
400		ash or diatomite silt stone	-410 -420			
		Priest Rapids Member - Saddle Mountains Basalt Lolo flow	-461 -470			
500		normal flow top dense interior - colonnade internal vesicular zone dense interior - colonnade	-500 -510		515	
		inter bed <1 ft.	-548	500 gpm		
		Frenchman Springs Member - Wanapum Basalt Basalt of Sentinel Gap flow 1	-580 -590		585	
600		flow top breccia dense interior - colonnade fault zone dense interior - colonnade	-604		615	
700						

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Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 10px;">750</div> <div style="margin-bottom: 10px;">763</div> <div style="margin-bottom: 10px;">800</div> <div style="margin-bottom: 10px;">900</div> <div style="margin-bottom: 10px;">1000</div> <div style="margin-bottom: 10px;">1100</div> <div style="margin-bottom: 10px;">1200</div> <div style="margin-bottom: 10px;">1300</div> <div style="margin-bottom: 10px;">1400</div> </div>		<p style="text-align: right; color: red;">flow 2</p> <p>normal flow top</p> <p style="color: red; font-weight: bold; font-size: 1.2em;">Frenchman Springs Member - Wanapum Basalt</p> <p style="color: red; font-size: 0.8em;">Basalt of Sand Hollow</p> <p>normal flow top</p> <p>dense interior - colonnade</p> <p style="color: red; font-weight: bold; font-size: 1.2em; text-align: center;">TD 815 ft.</p>	<p>-750</p> <p>-763</p> <p>-796</p> <p>-815</p>	<p>500 gpm</p>	<p>805</p>	<p></p>