

Geologic Log For Site CLAC 59769

NWIS Site ID: 451958122211701

OWRD Log ID: CLAC 59769

Well location: 03S/04E-06DDC

Depth drilled, in feet below land surface: 980

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 375

Logged by: T. L. Tolan

Date drilled: 10/20/2003

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
		Wanapum Basalt, Frenchman Springs Member Basalt of Sentinel Gap	-435			815 ft: Top of CRBG; uppermost flow weathered from 815 to 830 ft
		no flow top weathered dense interior dense interior - colonnade	-450		845	Basalt of Sentinel Gap: very sparsely plagioclase phyric with small phenocrysts; microphyric
		Wanapum Basalt, Frenchman Springs Member Basalt of Sand Hollow flow 1	-480		875	
		flow top breccia (weathered) dense interior - colonnade	-500		900	
			-570		920	Basalt of Sand Hollow flow 1: sparsely plagioclase phyric with large glomerocrysts flow 2: sparsely plagioclase phyric with large glomerocrysts
		flow top breccia dense interior - colonnade	-585	100 gpm	975	
		interbed - claystone	-645			1025 ft: Interbed <2 ft. thick
		Wanapum Basalt, Frenchman Springs Member Basalt of Silver Falls	-690		1050	Basalt of Silver Falls: plagioclase phyric with large glomerocrysts; abundantly plag. microphyric
		normal flow top dense interior - colonnade	-710			
		Wanapum Basalt, Frenchman Springs Member Basalt of Ginkgo flow 1	-800			Basalt of Ginkgo flow 1: abundantly plagioclase phyric with large glomerocrysts flow 2: abundantly plagioclase phyric with large glomerocrysts
		flow top (weathered) dense interior - colonnade	-815		1175	
		pillow complex	-850		1215	
		Vantage Interbed - claystone	-892			1250
		Grande Ronde Basalt, Sentinel Bluffs Member flow 1	-910			1272 ft: Vantage Interbed approx. 3 ft. thick
		weathered flow top dense interior - colonnade	-970	<10 gpm	1340	Sentinel Bluffs Member flow 1: aphyric flow 2: very sparsely plagioclase phyric with small phenocrysts
		weathered flow top dense interior - colonnade	-980		1400	
		Grande Ronde Basalt, Winter Water Member flow 1	-1030			Winter Water Member flow 1: plagioclase phyric with small glomerocrysts flow 2: plagioclase phyric with small glomerocrysts
		flow top breccia dense interior - entablature dense interior - colonnade	-1055		1435	
		normal flow top dense interior - entablature	-1075			
			-1085			
			-1100			
		TD 1535 ft	-1155		1535	
1600						