

LOG OF TEST BORING



Washington State
Department of Transportation

S.R. 101 SECTION BLACK LAKE BOULEVARD TO S.R. 5 Job No. XL-0643

Hole No. H-6-92 Sub Section PERCIVAL CREEK BRIDGE NO. 101/513 N & S Cont. Sec. 3405

Station 318+23 Offset 70.0' Rt. Ground El. 86.0'

Type of Boring Wet Rotary Casing _____ W.T. El. See Log

Inspector _____ Date January 29, 1992 Sheet 1 of 3

DEPTH	**ROCK STRENGTH	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
	17		SPT 1 10 8	GW, M.C. = 11.5% Medium dense, olive, moist, slightly silty, fine to coarse sandy GRAVEL with fibrous organic material and root hairs. Retained 1.4 ft.
	20		SPT 2 6 10	*SP Medium dense, light olive, wet, slightly silty, fine to coarse sandy GRAVEL
	28		SPT 3 6 12	Retained 1.2 ft. *SW
5	44		SPT 4 11 20	Dense, olive, wet, slightly silty, fine to coarse sandy GRAVEL Retained 0.8 ft. GW
	36		SPT 5 24 10	Dense, light olive, wet, slightly silty, fine to coarse sandy GRAVEL Retained 0.7 ft.
	65		SPT 6 16 20	Dense, olive grey, wet, slightly silty, gravelly, fine to coarse SAND . Retained 1.2 ft.
10	61		SPT 7 34 29	SP Very dense, olive grey, wet, slightly silty, gravelly, fine to coarse SAND .
				Retained 1.6 ft. GW
				Very dense, olive grey, wet, slightly silty, fine to coarse sandy GRAVEL
				Retained 1.2 ft.
15	47	SPT 8 17 28	GW Dense, pale olive, wet, slightly silty, fine to coarse sandy GRAVEL Retained 1.0 ft.	
			19	
20	72	SPT 9 18 30	GW, M.C. = 11.8% Very dense, light olive grey, wet, slightly silty, fine to coarse sandy	

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DEPTH	ROCK STRENGTH	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
			42	GRAVEL Retained 1.1 ft.
25	50/3"		SPT 10 50/3"	Very dense, olive grey, wet, silty, gravelly, fine to coarse SAND . Retained 0.3 ft.
			RQD 71% FPF 1	
	R-4		C-11	Strong, dark blue-grey, slightly altered, smooth open fractures with blue-green secondary mineralization and trace of a metallic mineral, silty infillings, slightly to highly weathered from 26.5' to 27.3', BASALT . Recovered 3.5 ft.
30			RQD 56% FPF 2	
	R-4		C-12	Strong, dark blue-grey, slightly altered, moderately smooth to rough open fractures with blue-green secondary mineralization, slightly weathered to fresh BASALT . Recovered 5.0 ft.
35			RQD 64% FPF 2	
	R-4		C-13	Strong, dark blue-grey, slightly altered, moderately rough to smooth open fractures with blue-green and light grey secondary mineralization, fresh to slightly weathered BASALT . Recovered 5.0 ft.
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Inspector _____ Date January 29, 1992 Sheet 3 of 3

DEPTH	ROCK STRENGTH	PROFILE	SAMPLE TUBE NOS.	DESCRIPTION OF MATERIAL
			RQD 89% FPF 1	Strong, dark blue-grey, slightly altered, vesicular, moderately rough to rough and healed fractures with light grey and blue-green secondary mineralization, fresh BASALT . Recovered 5.0 ft.
	R-4		C-14	
45			RQD 100 FPF 0	Strong, dark blue-grey, slightly altered, rough open fractures, fresh BASALT . Recovered 2.0 ft.
			C-15	
				End of boring at -47.0' below ground elevation.
50				**Where standard penetrometer tests are performed, results are shown as blow/ft. in this column. Water Table Elevation: Not determined.
				*Laboratory test results reflect the finer fraction of soil observed in the field.
				This is a summary Log of Test Boring. Soil/Rock descriptions are derived from visual field identifications and laboratory test data.
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