Project: INFILTRATION BASIN SITE SELECTION STUDY
Project Location: I-5, I-605

Log of Boring 5-8b-B1

Date(s) Drilled	**2/26/03**	Logged By	**P. Salter**	Checked By	**V. Glisic**
Drilling Method	**Hollow-Stem Auger**	Drill Bit Size/Type	**203mm auger bit**	Total Depth of Borehole	**9.6 meters**
Drill Rig Type	**Limited Acess**	Drilling Contractor	**Prosonic**	Approximate Surface Elevation	**35.0 m MSL**
Groundwater Level(s)	**Not encountered**	Sampling Method(s)	**SPT**	Hammer Data	**63.5 kg, 762mm drop**
Borehole Backfill	**0-7.6m cuttings, 7.6-9.6m Bentonite chips**	Location	**See Site Plan**		

Elevation, meters	Depth, meters	SAMPLES Type	Number	Sampling Resistance, blows/0.30m	Core Recovery, %	Environmental Sample ID	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	PID, ppm	REMARKS AND OTHER TESTS
	0							Silty sand (SM) medium dense, dark brown, moist, with organics [Topsoil]			
			1a 1b	13				Poorly graded sand (SP) medium dense, grayish brown, moist, fine grained sand	4		WA: 3%<#200
34	1		2	7				Poorly graded sand with silt (SP-SM) loose, gray, moist, fine grained sand			SA: 8%<#200
			3a 3b	18				Poorly graded sand (SP) medium dense, grayish brown, moist, fine grained sand			
			4a 4b	22				Silty sand (SM) medium dense, brown, moist, fine grained sand			
	2							Poorly graded sand (SP) medium dense, brown, moist, fine to medium grained sand			Sample 5, poor recovery
			5	22				Silty sand (SM) medium dense, grayish brown, moist, fine grained sand	7		SA: 17%<#200
			6a 6b	12							WA: 46%<#200
32	3		7	17				Poorly graded sand (SP) medium dense, brown, moist, fine grained sand			Sample 7, no recovery
			8	14				Becomes grayish-brown to gray			SA: 3%<#200
	4		9	14							
			10	40				Poorly graded sand with silt (SP-SM) dense, brown, moist, fine grained sand	3		WA: 8%<#200
30	5										
								Well-graded sand with gravel (SW) very dense, grayish brown, moist, fine to coarse grained sand			
	6		11	>50							SA: 5%<#200
28	7							Lean clay (CL) very stiff, reddish brown with gray mottling, moist			
	8		12	26							
26	9										

Figure 5-8b-6

Project: INFILTRATION BASIN SITE SELECTION STUDY
Project Location: I-5, I-605

Log of Boring 5-8b-B1

Elevation, meters	Depth, meters	SAMPLES Type	Number	Sampling Resistance, blows/0.30m	Core Recovery, %	Environmental Sample ID	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	PID, ppm	REMARKS AND OTHER TESTS
			13a	32				Lean clay (CL) very stiff, reddish brown with gray mottling, moist (continued)			
			13b					Clayey sand (SC) dense, reddish brown, moist, fine grained sand			
								Bottom of boring at 9.6 meters			
	10										
24	11										
	12										
22	13										
	14										
20	15										
	16										
18	17										
	18										
16	19										

Figure 5-8b-6