Project: INFILTRATION BASIN SITE SELECTION STUDY
Project Location: SR 71, Phillips Road

Log of Boring 71S-5-B-3

Sheet 1 of 1

Date(s) Drilled	**3/11/02**	Logged By	**J. Marin**	Checked By	**M. Smith**
Drilling Method	**Hollow-Stem Auger**	Drill Bit Size/Type	**203mm auger bit**	Total Depth of Borehole	**9.6 meters**
Drill Rig Type	**CME 75**	Drilling Contractor	**A & R Drilling**	Approximate Surface Elevation	**241.0 m MSL**
Groundwater Level(s)	**Not encountered**	Sampling Method(s)	**Continous Coring/Mod. Cal./SPT**	Hammer Data	**63.5 kg, 762mm drop, Auto**
Borehole Backfill	**Soil Cuttings**	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							150mm mulch			
			R-1-A		R-1 88			Lean clay (CL) dark brown, moist, with organics and roots			
240	1		R-1-B					Becomes yellowish brown, increased plasticity, with trace silt and sand	14		
	2		R-2-A		R-2 100			Silty clay (CL/ML) brown, moist, with roots			
238	3		R-2-B					Becomes with sand, yellowish brown, fine grained	18		
	4		R-3		R-3 50			Sandy lean clay (CL) dark brown, moist, plastic	21		HYD:67%<#200 LL=40; PI=22
236	5										
	6		4	20				Poorly graded sand with silt (SP-SM) yellowish brown, moist, fine grained sand, with roots			
234	7							Silt (ML) medium dense, light brown, moist, with fine grained sand	19		
	8		5	10				Sandy lean clay (CL) stiff, dark brown, moist, medium to coarse grained sand	21		WA: 66%<#200
232	9		6	13							
	10							Bottom of boring at 9.6 meters			
230	11										
	12										

Figure 71S-5-5