Project: INFILTRATION BASIN SITE SELECTION STUDY
Project Location: I-405, Wilshire Boulevard

Log of Boring 405S-1-B-2

Sheet 1 of 1

Date(s) Drilled	**4/10/02**	Logged By	**P.Salter**	Checked By	**M. Siem**
Drilling Method	**Hollow-Stem Auger**	Drill Bit Size/Type	**203mm auger bit**	Total Depth of Borehole	**9.6 meters**
Drill Rig Type	**CME 85**	Drilling Contractor	**A & R Drilling**	Approximate Surface Elevation	**99.2 m MSL**
Groundwater Level(s)	**Not encountered**	Sampling Method(s)	**Continous Coring/Modified California**	Hammer Data	**63.5 kg, 762mm drop**
Borehole Backfill	**Soil Cuttings**	Location	**See Site Plan**		

Elevation, meters	Depth, meters	SAMPLES Type	Number	Sampling Resistance, blows/0.30m	Core Recovery, %	Evironmental Sample ID	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	PID, ppm	REMARKS AND OTHER TESTS
	0							Silt (ML) stiff, dark brown, moist, with some fine to coarse grained sand, clay and fine to coarse grained gravel up to 50mm diameter			Start at 1030. Post Hole to 1.5m
98	1							Silty sand with gravel (SM) medium dense, dark brown, moist, fine to medium grained sand, with fine to coarse grained gravel up to 50mm diameter			
			1	10		1-2-5'			7		SA: 22%<#200
	2				57						
			2								pH=6.9; O.M.=2.5% CEC=0.075 me/g
	3		3					Silt with sand (ML) stiff, dark brown, moist, fine to medium grained sand	20	0.9	
96			4	9				Silty sand (SM) loose, dark brown, moist, fine to medium grained sand, with trace fine grained gravel	16		SA: 72%<#200 SA: 48%<#200
			5		100					1.2	
	4		6					Poorly graded sand with silt and gravel (SP-SM) medium dense, grayish brown, moist, fine to coarse grained sand, fine to coarse grained gravel consisting of angular slate fragments up to 38mm diameter	2	1.1	WA: 7%<#200
			7					Fat clay (CH) firm, dark brown, moist, with trace fine grained sand	28	0.9	LL=51; PI=23
			8	11				Silt with sand (ML) medium dense, dark brown, moist, fine grained sand, with occasional fine grained gravel		0.9	
94	5				86			Lean clay (CL) stiff, dark brown, moist			
			9						38	0.9	
	6		10	8							
					71						
92	7		11					Clayey sand (SC) medium dense, dark brown, moist, fine grained sand		1.2	
			12					Lean clay (CL) stiff, dark brown, moist		0.9	
			13	18							
	8				71			Silty sand with gravel (SM) medium dense, mottled yellow and brown, moist, fine to coarse grained sand			
			14					Lean clay (CL) stiff, dark brown, moist		0.9	
	9		15					Silty sand with gravel (SM) dense, dark grayish brown, moist, fine to coarse grained sand, with fine to coarse grained gravel up to 25mm diameter		1.1	
90			16	20		16-2-30'		Silty gravel (GM) dense, dark olive grayish brown, moist, fine to coarse grained gravel, with fine to coarse grained sand, and silt stringers			
								Bottom of boring at 9.6 meters			Finish at 1202.

Figure 405S-1-8