Project: INFILTRATION BASIN SITE SELECTION STUDY
Project Location: I-710, Florence Avenue Interchange

Log of Boring 710-3c-MW-2

Date(s) Drilled	**9/19/02**	Logged By	**J. Marin**	Checked By	**V. Glisic**
Drilling Method	**Hollow-Stem Auger**	Drill Bit Size/Type	**152mm auger bit**	Total Depth of Borehole	**27.9 meters**
Drill Rig Type	**CME 85**	Drilling Contractor	**A&R Drilling**	Approximate Surface Elevation	**34.0 m MSL**
Groundwater Level(s)	**Pearched water encountered at 6.25 meters. Groundwater 23.74m 1/14/03.**	Sampling Method(s)	**SPT/ModifiedCalifornia**	Hammer Data	**63.5 kg, 762mm drop**
Borehole Backfill	**See well construction Figure**	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, %	Dry Density, pcf	REMARKS AND OTHER TESTS
34	0							Sand with silt (ML) very dense, brownish gray, dry, very fine grained sand			
			1	51							
	1		2	68					7		HYD:79%<#200 LL=31; PI=5
			3	27				Lean clay (CL) firm, brownish gray, moist	15		HYD:88%<#200 LL=44; PI=20
32	2		4	28				Clayey sand (SC) medium dense, dark gray, moist			SA: 39%<#200
			5	16							
	3		6	22				Poorly graded sand with silt (SP-SM) medium dense, olive brown, moist			SA: 11%<#200
			7	30				Increase in silt content			WA: 14%<#200
			8	38				Silty sand (SM) medium dense, dark gray, moist			SA: 43%<#200
30	4		9a 9b	12				Silt (ML) soft, light gray, moist			LL=43; PI=16
			10	24				Silty sand (SM) medium dense, brownish gray, moist			SA: 30%<#200
	5										
								Silt (ML) soft, light gray, moist			
28	6		11	15							WA: 96%<#200 LL=36; PI=7
	7										
								Sandy lean clay (CL) firm, gray, moist to wet			
26	8		12	28							
								Lean clay (CL) soft, dark gray, moist			
	9		13	18							
24	10										
	11										
22	12										

Figure 710-3c-7

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Elevation, meters	Depth, meters	SAMPLES Type	Number	Sampling Resistance, blows/0.30m	Core Recovery, %	Environmental Sample ID	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Dry Density, pcf	REMARKS AND OTHER TESTS
			14	24				Becomes black			
	13										
20	14							Silty sand (SM) very dense, grayish brown, moist			
	15		15	50/5"							SA: 23%<#200
18	16										
	17										
16	18							lense of black clay			
			16	34 50/5"				Poorly graded sand (SP) very dense, yellowish brown, moist			
	19										
14	20										
	21										
			17	84				Sandy lean clay (CL) very stiff, light brown, moist			
12	22										
	23										
10	24										
			18	23 50/6"				Poorly graded sand (SP) very dense, light brown, wet			
	25										
8	26										

Figure 710-3c-7

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Elevation, meters	Depth, meters	SAMPLES Type	Number	Sampling Resistance, blows/0.30m	Core Recovery, %	Environmental Sample ID	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Dry Density, pcf	REMARKS AND OTHER TESTS
	27										
			19	50							
6	28							Sandy lean clay (CL) firm, light brown, wet			
								Bottom of boring at 27.9 meters			
	29										
4	30										
	31										
2	32										
	33										
0	34										
	35										
-2	36										
	37										
-4	38										
	39										
-6	40										

Figure 710-3c-7