Project: INFILTRATION BASIN SITE SELECTION STUDY
Project Location: I-710, Atlantic/Bandini Interchange

Log of Boring 710-2c-MW-2

Date(s) Drilled	**4/3/02**	Logged By	**M. Siem**	Checked By	**M. Smith**
Drilling Method	**Hollow-Stem Auger**	Drill Bit Size/Type	**254mm auger bit**	Total Depth of Borehole	**14.2 meters**
Drill Rig Type	**CME 85**	Drilling Contractor	**Cascade Drilling**	Approximate Surface Elevation	**46.4 m MSL**
Groundwater Level(s)	**Not encountered**	Sampling Method(s)	**Modified California/SPT**	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, %	PID, ppm	REMARKS AND OTHER TESTS
	0							Topsoil			
			1	44				Sandy silt (ML) dense, brown, dry, fine to medium grained sand			
46			2a							0.3	
			2b	25				Lean clay (CL) very stiff, reddish brown, dry, with silt		1.2	
	1		3	15				Sandy silt (ML) medium dense, brown, dry, fine grained sand; Becomes dark brown	4	0.3	HYD:52%<#200 pH=7.6; O.M.=1.5% CEC=0.057me/g
			4	17							
	2		5	16				Silty sand (SM) medium dense, light brown, dry, fine grained sand	3	0.4	SA: 17%<#200
44			6	17				Poorly-graded sand with silt (SP-SM) medium dense, light brown, dry		0.5	
			7a						2	0.5	WA: 13%<#200
	3		7b	18				Lean clay (CL) very stiff, dark brown/light grayish-brown, dry	15	0.3	LL=36; PI=13
			8	25				Sandy silt (ML) medium dense, light grayish-brown, dry, fine grained sand			
			9a					Poorly-graded sand (SP) medium dense, light gray, dry, fine grained sand		0.2	
	4		9b	23						0.3	
42			10	17				Silty sand to sandy silt (SM/ML) medium dense, light gray/grayish-brown, dry, fine grained sand		0.2	
	5		11	26				Silt with sand (ML) very stiff, dark grayish-brown, dry	14	0.0	LL=33; PI=9
	6							Becomes mottled light gray silt within grayish-brown clay			
40			12	27							
	7										
	8		13	43				Lean clay with sand (CL) hard, mottled reddish-brown with white, dry		0.0	
38								Becomes reddish-brown			
	9							Silty clay lenses			

Figure 710-2c-4

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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, %	PID, ppm	REMARKS AND OTHER TESTS
			14	49				Sandy lean clay (CL) hard, reddish-brown, dry (paleosol)		0.2	Hard drilling
36	10										
	11		15	34				Clayey sand to sandy lean clay (SC/CL) dense, olive brown, moist, fine grained sand, with occasional organic (black) specks		0.2	
	12										
34			16	46				Silty sand (SM) dense, mottled gray with orange streaks, dry, fine grained sand		0.2	Hard drilling
	13							Becomes very dense, moist			
	14		17	65						0.0	
32								Bottom of boring at 14.2 meters			
	15										
	16										
30											
	17										
	18										
28											
	19										

Figure 710-2c-4