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

Log of Boring 710-2a-B-1

Date(s) Drilled	**4/4/02**	Logged By	**P. Salter**	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 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	**Cuttings and Bentonite Pellets**	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			Hand Auger to 1.5m
46			1a	30				Silty sand (SM) medium dense, grayish-brown, moist, fine grained sand	3		SA: 19%<#200
	1										
			1	26					6		SA: 20%<#200 pH=6.9; O.M.=1.2% CEC=0.08 me/g
	2		2a	16						0.0	
44			2b					Silt with sand (ML) medium dense, dark brown, moist, fine grained sand	8	0.0	HYD:73%<#200
			3	20				Silty sand (SM) medium dense, brown, moist, fine to medium grained sand	5	0.0	WA: 26%<#200
	3		4	26							
								Sandy silt (ML) medium dense, light gray, moist, fine grained sand			
								Silty sand (SM) medium dense, yellowish-brown, moist, fine grained sand			
	4										
42								Silt (ML) medium dense, grayish-brown, moist			
			5	28				← Slightly mottled brown	9		SA: 90%<#200
	5							Sandy silt (ML) medium dense, gray, moist, fine grained sand			
	6		6a							0.0	
40			6b	40				Silty sand (SM) dense, yellowish-brown, moist, fine to medium grained sand		0.0	
	7							Sandy lean clay (CL) hard, reddish-brown, moist, with trace sand			
			7	36						0.0	
	8										
38											
	9							Clayey sand (SC) dense, yellowish-brown, moist			

Figure 710-2a-6

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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
			8	45				Clayey sand (SC) dense, yellowish-brown, moist (continued)			
								Bottom of boring at 9.6 meters			
	10										
36											
	11										
	12										
34											
	13										
	14										
32											
	15										
	16										
30											
	17										
	18										
28											
	19										

Figure 710-2a-6