

Date(s) Drilled	3/14/02	Logged By	J. Marin	Checked By	M. Smith
Drilling Method	Hollow-Stem Auger	Drill Bit Size/Type	152mm auger bit	Total Depth of Borehole	9.1 meters
Drill Rig Type	Limited Access	Drilling Contractor	BC2	Approximate Surface Elevation	242.0 m MSL
Groundwater Level(s)	Not encountered	Sampling Method(s)	Modified California/SPT	Hammer Data	63.5 kg, 762mm drop
Borehole Backfill	Soil Cuttings	Location	See Site Plan		

Elevation, meters	Depth, meters	SAMPLES				Graphic Log	MATERIAL DESCRIPTION	Water Content, %	P.I.D., ppm	REMARKS AND OTHER TESTS
		Type	Number	Sampling Resistance, blows/0.30m	Core Recovery, %					
0							Silty sand (SM) brown, moist, fine grained sand, with organics including roots			Hand Auger to 1.1m
	1		1	28			↓ Becomes medium dense	5		HYD:42%<#200 LL=23; PI=4 pH=6.4; O.M.=1.2% CEC=0.095 me/g
240	2		2	31			Silt (ML) dense, light brown, dry, with some fine grained sand, roots, and fat clay seams	11		HYD:89%<#200
			3	16			Sandy silt (ML)			
			4	23			medium dense, brown, dry, fine grained sand	3		WA: 53%<#200
	3		5	26			Poorly graded sand with silt (SP-SM) medium dense, light brown and gray, moist, fine to coarse grained sand and fine gravel			
238	4		6	37			↓ Becomes dense			
			7	34				2		SA: 8%<#200
	5									
236	6		8	54			↓ Becomes very dense, with gravel	2		WA: 6%<#200
	7		9	NR						
234	8									
			10	NR			Sandy silt (ML) brown, moist, fine grained sand	16		WA: 60%<#200
							Bottom of boring at 9.1 meters			
232	10									
	11									
230	12									

Figure 71S-3-7