

Project: INFILTRATION BASIN SITE SELECTION STUDY
Project Location: SR 71, Valley Blvd./Holt Blvd.

Log of Boring 71N-1-MW-1

Sheet 1 of 1

Date(s) Drilled	3/13/02	Logged By	J. Marin	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 75	Drilling Contractor	A & R Drilling	Approximate Surface Elevation	244.0 m MSL
Groundwater Level(s)	Not encountered	Sampling Method(s)	Continous Coring/Mod.Cal./SPT	Hammer Data	63.5 kg, 762mm drop, Auto
Borehole Backfill	See Well Construction Figure	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	0	R-1-A			R-1		Silty sand (SM) brown, moist, with roots and organics ↓ Becomes black			
	1	R-1-B			50		↓ Becomes light brown			pH=7.6; O.M.=0.9% CEC=0.044 me/g HYD:14%<#200
242	2	R-2-A			R-2		Poorly graded sand with silt (SP-SM) light gray and yellowish brown, moist, fine grained sand	3		SA: 4%<#200
	3	R-2-B			50					
240	4	R-3-A			R-3		Silty sand (SM) reddish brown, moist, fine grained sand			HYD: 22%<#200 LL=NP; PI=NP
	4	R-3-B			50		Poorly graded sand with silt and gravel (SP-SM) light gray and brown, moist, fine grained sand			
	5	R-4			R-4		Silty sand (SM) yellowish brown, moist, fine grained sand	20		
	5				40					
238	6									
	7						↓ Becomes medium dense, reddish brown, with gravel up to 38mm diameter			
236	8	5	21					6		WA: 22%<#200
	9	6	44				Poorly graded sand with silt and gravel (SP-SM), dense, light gray, moist, fine to coarse grained sand			
234	10						Bottom of boring at 9.6 meters			
	11									
232	12									

Figure 71N-1-3