

ENVIRONMENTAL DRILLING LOG

Client: Delaware Solid Waste Authority #96593

Boring No. SC-16 Piezometer No. SC-16

Project No: 91195 Phase 3 Task 1

Location 88WMC

Surface Elev. 50.82 FT,

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Depth Feet	Blow Count	Sampler Recovery/ROD.	Overburden/Lithologic Description	FID (PPM)	Graphic Log	Well Construction Graphics	Depth Feet	Well Construction Details
			PeSH-13					T.O.C. Elev. 52.712 ft.
		WRRT	Fill: Sand, medium to coarse grained; some gravel; poorly sorted.				0	2.116' Stickup
	Pushed	1.0/2.0	Sandy Clay (CL): Dark brown, below Plastic Limit: sand (~40%), fine grained; organic material (~15%).					Deaseal from 1' to 4'
	Pushed	1.7/2.0	Clayey Sand (SC): Fine grained, light gray, subangular; some clay (~40%); trace organic material (1%).				5	
	Pushed	1.4/2.0	Sand (SM): Fine grained, light gray, subangular; some silt (~20%); trace clay (<5%); moist; some orange banding; saturated.					Screen from 5' to 20'
	Pushed	0.5/2.0						
	Pushed	1.8/2.0	Sand (SP): Medium grained, light gray, subrounded; some silt (~15%); trace gravel (~1/2" diam.); trace clay (<5%); saturated.				10	
	Pushed	2.0/2.0						#3 gravel sand pack from 4' to 20'
	Pushed	2.0/2.0					15	
	Pushed	2.0/2.0	Sand (SW): medium to coarse grained, light brown, subangular; trace silt (~10-15%); contains nodules of clay and silt; saturated.				20	
			End of Boring at 20'					

Driller Burn's Well Drilling	Drilling Method Hollow Stem Auger	Bentonite Seal Benseal
Logged By M. Dunscomb (REWAD)	Blown/Bailed Yield 10.7 gpm	Filter Pack Qty. 4 bags
Drilling Started 8/19/93	Well Casing 2" Dia. +2.116'	Filter Pack Type #3 Gravel
Drilling Completed 8/19/93	Casing Type PVC	Static Water Level 44.42
Construction Completed 8/19/93	Well Screen 2" Dia. 5' to 20'	Date _____
Development Completed 8/19/93	Screen Type PVC	Notes: Static Water Level MSL.
Water Bearing Zones From 6.4 feet	Slot Size 0.020"	Delaware Registered Geologist; J. G. Casey
	Grout Type _____	