

ENVIRONMENTAL DRILLING LOG

Client: **Delaware Solid Waste Authority** # **96590**
 Project No: **91195** Phase **3** Task **1**

Boring No. **SC-17** Piezometer No. **SC-17**
 Location **SSWMC**
 Surface Elev. **49.60 FT.** Page **1** of **1**

Depth Feet	Blow Count	Sampler Recovery/Recovery RQI	Overburden/Lithologic Description	PTD (P.P.R.)	Graphic Log	Well Construction Graphics	Depth Feet	Well Construction Details
0			Top soil				0	T.O.C. Elev. 30.753 ft.
0							0	1.382' Stickup
0		2.0/2.0	Sand (SF): Fine grained, light tan, subangular, ~ 60% quartz; some organic material (~20%); trace silt (~10%); trace clay (~5%); well sorted; dry-moist.	0			0	Benseal from 1' to 3'10"
0		1.0/2.0	Sand (SW): Fine to medium grained, light tan, subangular; some silt (~25%); some organic material (~20%); some clay plugs toward the bottom of the sample; moist.	0			5	
0		1.9/2.0		0			0	
0		2.0/2.0	Sand (SW): Coarse grained, light tan, subrounded; trace silt (~5%); trace clay (~5%); trace gravel (~1/4" diam.); poorly sorted; saturated.	0			0	Screen from 4'11" to 14'11"
0		2.0/2.0	Sand (SW): Fine to coarse grained, subangular; trace gravel (~10%); trace clay (~5%); trace silt (~5%).	0			10	
0		2.0/2.0	Clay (ML): At or above Plastic Limit; trace sand (~10%); trace (~5%).	0			0	
0		2.0/2.0	Sand (SW): Coarse grained, light tan, ~80% quartz; some silt (~20%); some gravel (~20%).	0			0	#3 gravel sand pack from 3'10" to 15'
0		1.5/2.0	Sand (SF): Fine grained; some clay (~20%); trace silt (~10%).	0			0	
0			Sand (SW): Medium grained, subangular, light tan, ~80% quartz; some silt (~15%); trace clay (~5%); poorly sorted; wet.	0			15	
0			End of boring at 15' 8"				20	

Driller Burn's Well Drilling	Drilling Method Hollow Stem Auger	Bentonite Seal Benseal
Logged By M. Dunscomb (REWAD)	Blown/Bailed Yield 0.5 gpm	Filter Pack Qty. 2 bags
Drilling Started 8/16/93	Well Casing 2" Dia. +1.382'4'11"	Filter Pack Type #3 gravel
Drilling Completed 8/16/93	Casing Type PVC	Static Water Level 41.90
Construction Completed 8/17/93	Well Screen 2" Dia. 4'11" to 14'11"	Date _____
Development Completed 8/17/93	Screen Type PVC	Notes: Static Water Level MSL.
Water Bearing Zones From 7.7 feet	Slot Size 0.020"	Delaware Registered Geologist: J. G. Casey
	Grout Type _____	