

Client: **Oconee County Solid Waste Management**
 Project Number: **Oconee 12-6**
 Site Location: **15030 Wells Highway, Seneca, South Carolina**
 Boring Location: **Seneca Landfills Facility**
 Drilling Method: **Solid-Stem Auger**
 Sample Type(s): **Soil Cuttings** Boring Diameter: **4 Inches**

BORING ID: MW-3R
 Sheet: **1 of 1**
 Monitoring Well Installed: **Yes**
 Screened Interval: **8' - 18'**

Weather: **Clear, hot** Logged By: **B. Ransom** Date Started: **9/10/14** Depth of Boring: **18'**
 Drilling Contractor: **Elite Techniques, Inc.** TOC Elevation: **NA** Date Finished: **9/10/14** Water Level: **9'**

Depth (ft)	Sample Depth (ft)	Lab Sample ID	Lab Sample Depth (ft)	Odor	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Monitoring Well Construction Details
1							GS - 1.0': Grass and topsoil.	<p>Grout: GS - 4'</p> <p>Plug: 4' - 6'</p> <p>Sand: 6' - 18'</p> <p>Screen: 8' - 18'</p>
2							1.0' - 5.0': Orange, sandy <u>SILT</u> .	
3								
4								
5							5.0' - 10.0': Orange, clayey <u>SILT</u> , micaceous.	
6								
7								
8								
9								
10								
11							10.0' - 15.0': Orange/brown, clayey <u>SILT</u> with sand (saprolite), micaceous, wet.	
12								
13								
14								
15							15.0' - 18.0': Same as above, saturated.	
16								
17								
18							Boring terminated by field personnel at 18.0' below ground surface.	
19								
20								

NOTES:

Monitoring well casing and screen constructed of 2" diameter PVC.
 Screen slot size is 0.01 inch.

Date	Time	Depth to groundwater while drilling
9/10/14		9' below ground surface

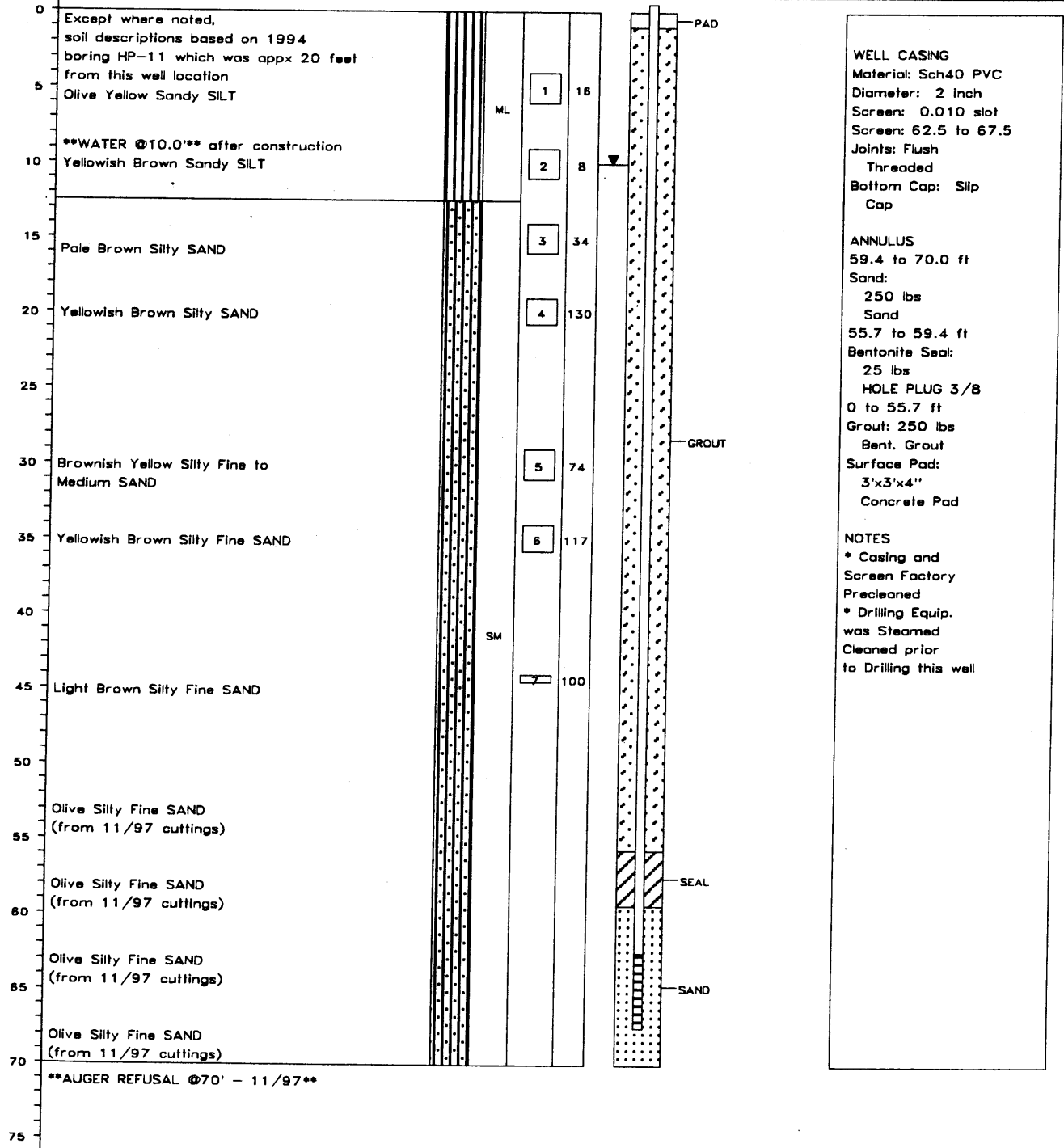
Checked by _____ Date: _____

Seneca Landfill
Ground Water Well Installation
Assessment Phase II
Oconee County, SC

Project Name : Seneca LF
Project : 22.9.9
Logged By : DRD
Driller : A&E

Start Date : 11-17-97
End Date : 12-5-97
Drilling Method : Hollow Stem Auger
Top of Casing (MSL) : 763.72

Depth in Feet	DESCRIPTION	GRAPHIC	USCS	Samples	Blows/Ft	Well: MW-3d ELEV: 760.82-pad	REMARKS
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WELL CASING
Material: Sch40 PVC
Diameter: 2 inch
Screen: 0.010 slot
Screen: 62.5 to 67.5
Joints: Flush
Threaded
Bottom Cap: Slip Cap

ANNULUS
59.4 to 70.0 ft
Sand:
250 lbs
Sand
55.7 to 59.4 ft
Bentonite Seal:
25 lbs
HOLE PLUG 3/8
0 to 55.7 ft
Grout: 250 lbs
Bent. Grout
Surface Pad:
3'x3'x4"
Concrete Pad

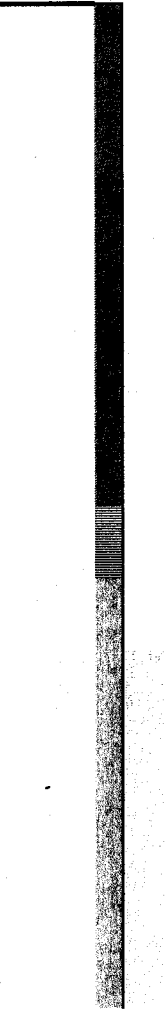
NOTES
* Casing and Screen Factory Pre-cleaned
* Drilling Equip. was Steamed Cleaned prior to Drilling this well

10-28-1
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TEST BORING RECORD AND WELL CONSTRUCTION DIAGRAM

MONITORING WELL NO. MW-3D3

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DEPTH (feet)	SOIL CLASSIFICATION	SAMPLE DEPTH	continued from p. 2			
95	Bedrock - Quartz biotite gneiss	X		<p>6-inch Borehole</p> <p>Cement Grout</p> <p>2-inch ID PVC Casing</p> <p>Bentonite Seal</p> <p>Gravel Pack</p> <p>10' - 0.01 Slot PVC Screen</p>		
100		X				
105		X				
110		X				
115		X				
120		X				
TD = 118 feet		X				

Water Table: ~20 ft
 Well Diameter: 2 in
 Sample Method: Cuttings
 Logged By: Michael E. Glowacz, P.G.

Project: Oconee County Seneca Landfill
 Date Drilled: 4/11/11
 Drilling Methods: Air Rotary
 Driller: EarthCon, Inc. (B. Brodie, #1372)

