

RECORD OF SOIL EXPLORATION

TRP
51.0'

KIDDE CONSULTANTS, INC.

Pest-06

Project Name Southern Solid Waste Facility Boring # MOW 9
 Location Moore Property Job # 0182138B2

SAMPLER

Datum MSL Hammer Wt. n/a Lbs. Hole Diameter 7" Foreman Cowgill
 Surf. Elev. 49.8 Ft. Hammer Drop n/a In. Rock Core Dia n/a Inspector B. Mills
 Date Started 7/29/83 Pipe Size n/a In. Boring Method MD Date Completed 7/29/83

ELEV.	SOIL DESCRIPTION <small>Color, Moisture, Density, Plasticity, Size, Proportions</small>	STRA. DEPTH	DEPTH SCALE	WELL CONSTRUCTION	BORING & SAMPLING NOTES
49.8	SURFACE Gray & yellow Clayey SILT	0.0		[Diagram of well construction showing casing and plug]	Grout plug from 0 to 3 ft.
40	Light gray fine SAND, some silt, trace of med sand	5.0			
	Light gray fine to medium SAND, trace of silt	10.0	10	[Diagram of gravel pack]	Bentonite plug from 10 to 12 ft. Gravel pack from 12 to 15 ft. Screen from 15 to 25 ft.
30	Gray medium SAND, trace of gravel, trace of silt	20.0	20		
	Gray medium to coarse SAND trace of fine sand	25.0	25	[Diagram of gravel pack]	
20	Gray fine to coarse SAND	30.0	30		
10		40	40		
0		50	50		
-10		60	60	[Diagram of well construction showing casing and plug]	Bentonite plug from 60 to 65 ft. Gravel pack from 65 to 70 ft.
-20	Light gray fine to medium SAND, trace of coarse sand	70.0	70		Screen from 70 to 80 ft.
	Light gray fine to coarse SAND, tr of gravel & silt	75.0	75		
-30		80.0	80		

SAMPLER TYPE SAMPLE CONDITIONS GROUND WATER Elev. BORING METHOD CO

- | | | |
|------------------------------|-------------------|--------------------------------|
| DS - DRIVEN SPLIT SPOON | S - DISINTEGRATED | MSA - HOLLOW STEM AUGERS |
| PT - PRESSED SHELBY TUBE | I - INTACT | CFA - CONTINUOUS FLIGHT AUGERS |
| CA - CONTINUOUS FLIGHT AUGER | U - UNDISTURBED | DC - DRIVING CASING |
| RC - ROCK CORE | L - LOST | MD - MUD DRILLING |

STANDARD PENETRATION TEST-DRIVING 2" O.D. SAMPLER 1" WITH 140# HAMMER FALLING 30"; COUNT MADE AT 5" INTERVALS

RECORD OF SOIL EXPLORATION

Pe 54.00

S1.0'
TRP

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	<u>SURFACE</u>	0.0			
-40	Dark gray fine SAND, some silt		90		Top of Chesapeake Group
-50		100.0	100		Bentonite plug from 95 to 100 ft. Gravel pack from 100 to 105 ft.
-60	Gray fine SAND		110		Screen from 105 to 115 ft.
-70			120		
	Bottom of boring @ 120ft.				

SAMPLER TYPE

SAMPLE CONDITIONS

GROUND WATER Elev.

BORING METHOD

- DS - DRIVEN SPLIT SPOON
- PT - PRESSED SHELBY TUBE
- CA - CONTINUOUS FLIGHT AUGER
- RC - ROCK CORE

- D - DISINTEGRATED
- I - INTACT
- U - UNDISTURBED
- L - LOST

at completion

- HSA - HOLLOW STEM AUGERS
- CFA - CONTINUOUS FLIGHT AUGERS
- CC - DRIVING CASING
- MD - MUD DRILLING

STANDARD PENETRATION TEST-DRIVING 2" O.D. SAMPLER 1" WITH 140# HAMMER FALLING 30"; COUNT MADE AT 6" INTERVALS