

RECORD OF SOIL EXPLORATION

Pe 54-7

TRP

KIDDE CONSULTANTS, INC.

Projects Name Southern Solid Waste Facility Boring # MOW 5
 Location Moore Property Job # 0128138B2

SAMPLER

Datum MSL Hammer Wt. n/a Lbs. Hole Diameter 7" Foreman E. Kelley
 Surf. Elev. 48.7 Ft. Hammer Urep n/a In. Rock Core Dia. n/a Inspector B. Mills
 Date Started 8/2/83 Pipe Size n/a In. Boring Method MD Date Completed 8/2/83

ELEV.	SOIL DESCRIPTION <small>Color, Moisture, Density, Plasticity, Size, Fragments</small>	STRA. DEPTH	DEPTH SCALE	WELL CONSTRUCTION	BORING & SAMPLING NOTES
48.7	<u>SURFACE</u>	0.0			Grout plug from 0 to 3 ft.
	Gray Clayey SILT, some fine sand	5.0			
40	Gray fine to medium SAND trace of coarse sand	10			Bentonite plug from 10 to 12 ft.
		15.0			Gravel pack from 12 to 15 ft.
30	Yellowish gray fine to coarse SAND	20.0	20		Screen from 15 to 25 ft.
	Gray-brown fine to medium SAND, trace of coarse sand	25.0			
20		30.0	30		
	Gray-brown fine to coarse SAND	35.0			
30	Gray-brown fine to coarse SAND, trace of gravel	40			
		45.0			
0		50.0	50		
		55.0			
-10	Yellowish gray fine to coarse SAND	60.0	60		
		65.0			
-20		70.0	70		
		75.0			
-30	Gray coarse SAND, some fine to medium sand	80.0	80		

SAMPLER TYPE **SAMPLE CONDITIONS** **GROUND WATER Elev.** **BORING METHOD**

DS - DRIVEN SPLIT SPOON D - DISINTEGRATED at completion HSA - HOLLOW STEM AUGERS
 ST - 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 54-7

KIDDE CONSULTANTS, INC.

Project Name Southern Solid Waste Facility Boring # MOW 5
 Location Moore Property Job # 0182138B2

SAMPLER

Datum MST Hammer Wt. n/a Lbs. Hole Diameter 7" Foreman E. Kelley
 Surf. Elev. 48.7 Ft. Hammer Drop n/a in. Rock Core Dia n/a Inspector B. Mills
 Date Started 8/2/83 Pipe Size n/a in. Boring Method MD Date Completed 8/2/83

ELEV.	SOIL DESCRIPTION <small>Color, Moisture, Density, Plasticity, Size, Fragments</small>	STRA. DEPTH	DEPTH SCALE	WELL CONSTRUCTION	BORING & SAMPLING NOTES
	<u>SURFACE</u>	0.0			
-40	Yellowish gray fine to medium SAND, trace of coarse sand, trace of silt	95.0	90		Bentonite plug from 80 to 85 ft. Gravel pack from 85 to 90 ft. Screen from 90 to 100 ft.
-50	Yellowish gray Gravelly medium to coarse SAND	108.0	100		
-60	Orange and gray SILT, some clay, trace of fine sand, trace of gravel	120.0	110		Top of Chesapeake Group
-70	Dark gray Silty fine SAND	150.0	120		
-80			130		
-90			140		Bentonite plug from 135 to 140 ft. Gravel pack from 140 to 145 ft. Screen from 145 to 155 ft.
-100	Gray fine to medium SAND	160.0	150		
-110	Bottom of Boring @ 160.0ft	160	160		

SAMPLER TYPE SAMPLE CONDITIONS GROUND-WATER Elev. BORING METHOD

- DS - DRIVEN SPLIT SPOON
- D - DISINTEGRATED
- MSA - HOLLOW STEM AUGERS
- ST - PRESSED SHELBY TUBE
- I - INTACT
- CFA - CONTINUOUS FLIGHT AUGERS
- CA - CONTINUOUS FLIGHT AUGER
- U - UNDISTURBED
- CC - 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