

RECORD OF SOIL EXPLORATION
TRP

Pe 53-3

KIDDE CONSULTANTS, INC.

Project Name Southern Solid Waste Facility Boring # MOW 8
Location Moore Property Job # 0182138B2

SAMPLER

Datum MSL Hammer Wt. n/a Lbs. Hole Diameter 7" Foreman Cowgill
Surf. Elev. 51.1 Ft. Hammer Urap. n/a In. Rock Core Dia. n/a Inspector B.Mills
Date Started 7/28/83 Pipe Size n/a In. Boring Method MD Date Completed 7/28/83

ELEV.	SOIL DESCRIPTION <small>Color, Moisture, Density, Plasticity, Size, Fragments</small>	STRA. DEPTH	DEPTH SCALE	WELL CONSTRUCTION	BORING & SAMPLING NOTES
51.1	<u>SURFACE</u>	0.0			
50	Yellow-brown fine to medium SAND, trace of coarse sand	5.0			Gravel plug from 0 to 3 ft. trace of silt
40	Gray-brown fine to medium SAND, trace of coarse sand	10			Bentonite plug from 10 to 12 ft. Gravel pack from 12 to 15 ft. Screen from 15 to 25 ft.
30	Light gray fine to coarse SAND, trace of silt	20.0	20		
20	Light gray fine SAND, trace of medium sand.	30.0	30		
10	Light gray fine to medium SAND, trace of silt	40.0	40		
0	Grayish yellow fine to medium SAND, trace of silt	52.0	50		
-10	Grayish yellow fine to medium SAND	65.0	60		
-20	Grayish yellow medium to coarse SAND, trace of fine sand, trace of silt	70.0	70		Bentonite plug from 70 to 75 ft. Gravel pack from 75 to 80 ft.
		80	80		

SAMPLER TYPE

SAMPLE CONDITIONS

GROUND WATER Elev.

BORING METHOD

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

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

at completion

HSA - HOLLOWSTEM AUGERS
CFA - CONTINUOUS FLIGHT AUGERS
DC - DRIVING CASING
MO - MUD DRILLING

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

RECORD OF SOIL EXPLORATION

Pe 53-0

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 Location Moore Property Job # 0182138B2

SAMPLER

Datum MSL Hammer Wt. n/a Lbs. Hole Diameter 7" Foreman Cowgill
 Surf. Elev. 51.1 Ft. Hammer Drop n/a In. Rock Core Dia. n/a Inspector B. Mills
 Date Started 8/28/83 Pipe Size n/a In. Boring Method MD Date Completed 7/28/83

ELEV.	SOIL DESCRIPTION <small>Color, Moisture, Density, Plasticity, Size, Fragments</small>	STRA. DEPTH	DEPTH SCALE	WELL CONSTRUCTION	BORING & SAMPLING NOTES
51.1	SURFACE	0.0			
-30	Yellow-brown fine to coarse SAND, trace of silt	85.0			Screen from 80 to 90 ft. Top of Chesapeake Group
-40	Dark grayish yellow medium to coarse SAND, trace of fine sand, trace of silt	90			
-50	Dark gray fine SAND, some silt	96.0	100		
-60	Dark gray fine SAND, some silt, trace of coarse sand	110.0	110		
-70	Dark gray coarse SAND, some fine sand, trace of silt	180.0	120		Bentonite plug from 120 to 125 ft.
-80			130		Gravel pack from 125 to 130 ft.
-90			140		Screen from 130 to 140 ft.
	Bottom of boring @ 140.0ft				

SAMPLER TYPE SAMPLE CONDITIONS GROUND WATER Elev. BORING METHOD

OS - DRIVEN SPLIT SPOON DI - DISINTEGRATED at completion HNSA - HOLLOW STEM AUGERS
 PS - 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 6" INTERVALS