

RECORD OF SOIL EXPLORATION

Pg 41-1

KIDDE CONSULTANTS, INC.

Projects Name Southern Solid Waste Facility Boring # MOW #1
 Location Moore Property Job # 0182138B2

SAMPLER _____ Hole Diameter 7" Foreman _____
 Datum MSL Hammer Wt. _____ Lbs. Hammer Drop _____ in. Rock Core Dia _____
 Surf. Elev. 50.6 Ft. Pipe Size 2 in. Boring Method MD Inspector Mills
 Date Started 2/3/83 Date Completed 2/3/83

ELEV.	SOIL DESCRIPTION <small>Color, Moisture, Density, Plasticity, Size, Reporters</small>	STRA. DEPTH	DEPTH SCALE	WELL CONSTRUCTION	BORING & SAMPLING NOTES
	SURFACE	0.0			
50	Gray medium to fine sandy SILT, trace of clay				(2-16-83 & 3-2-83) Grout plug from 0 to 3 ft
	Mixed gray and yellow medium to fine SAND, trace of silt				
40	Gray brown coarse to fine SAND, trace of silt	10			Bentonite plug from 12 to 15 ft
	Gray brown coarse to medium SAND, some yellow fine silt				
30	Gray brown coarse to medium SAND, trace of silt	20			Gravel pack from 15 to 20 ft DS sample Screen from 20 to 30 ft
	Gray brown coarse to medium SAND, trace of silt				
20	Gray brown coarse SAND, trace of silt, trace of fine sand	30			
	Gray brown silty coarse to fine SAND, trace of gravel				
10	Gray brown to fine SAND, trace of silt, trace of coarse sand	40			
	Gray brown coarse to medium SAND, trace of clay				
0	Gray brown coarse to fine SAND, some silt	50			
	Gray brown coarse to medium SAND, some silt				
+10	Gray brown silty coarse to medium SAND, trace of clay, trace of gravel	60			trace of gravel
	Gray brown coarse to medium SAND, trace of silt, some gravel				
-20	Gray brown coarse to medium SAND, trace of silt, trace of gravel, trace of clay	70			

SAMPLER TYPE: DS - DRIVEN SPLIT SPOON, PT - PRESSED SHELBY TUBE, CA - CONTINUOUS FLIGHT AUGER, RC - ROCK CORE
 SAMPLE CONDITIONS: D - DISINTEGRATED, I - INTACT, U - UNOBTAINED, L - LOST
 GROUND WATER Elev. at completion N/A
 BORING METHOD: NSA - HOLLOW STEM AUGERS, CFA - CONTINUOUS FLIGHT AUGERS, CC - DRIVING CASING, MD - MUD DRILLING

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

RECORD OF SOIL EXPLORATION

DGS: Pg 41-01

KIDDE CONSULTANTS, INC.

Southern Solid Waste Facility

MOW #1

Projects Name Moore Property Boring # 0182138B2
 Location Moore Property Job # 0182138B2

SAMPLER
 Datum MSL Hammer Wt. _____ Lbs. Hole Diameter 7" Foreman _____
 Surf. Elev. 50.6 Ft. Hammer Urep _____ In. Rock Core Dia _____ Inspector Mills
 Date Started 2/3/83 Pipe Size 2 In. Boring Method MD Date Completed 2/3/83

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			
-30	Graybrown gravelly coarse to medium SAND trace of fine sand, silt, clay				
-40	Orangebrown gravelly coarse SAND some medium sand, trace of silt	90			
-50	Orange gravelly coarse SAND, some medium sand, trace of silt	100			
-55	Gray brown gravelly medium to fine SAND, trace of silt				Top of Manokin Formation
-60	Dark gray fine sandy SILT	110			DS sample
-65	Dark gray SILT, some clay trace of gravel				Bentonite plug from 115 to 120 ft
-70	Dark gray SILT, some fine sand, trace of clay	120			
-75	Gray brown medium to fine SAND, trace of silt	130			DS sample
-80					Gravel pack from 120 to 140 ft
-90	Gray fine SAND, trace of silt	140			Screen from 140 to 150 ft
-100		150			
	Bottom of boring @ 160 ft				

SAMPLER TYPE SAMPLE CONDITIONS BORING METHOD

DS - DRIVEN SPLIT SPOON D - DISINTEGRATED
 PT - PRESSED SHELBY TUBE I - INTACT
 CA - CONTINUOUS FLIGHT AUGER U - UNDISTURBED
 RC - ROCK CORE L - LOST

HSA - HOLLOW STEM AUGERS
 CPA - CONTINUOUS FLIGHT AUGERS
 DC - DRIVING CASING
 MD - MUD DRILLING

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