RECORD OF SOIL EXPLORATION

PeS4-11

KIDDE CONSULTANTS, INC.

54471,72

Project's Name: Southern Solid Waste Facility — Boring #: MOW 10

Location: Moore Property — Job #: 0182138B2

SAMPLER

Datum: MSL — Hammer Wt.: n/a Lbs. — Hole Diameter: 7" — Foreman: S. Baker

Surf. Elev.: 50.0 Ft. — Hammer Drop: n/a In. — Rock Core Dia: n/a — Inspector: B. Mills

Date Started: 8/9/83 — Pipe Size: n/a In. — Boring Method: MD — Date Completed: 8/9/83

ELEV.	SOIL DESCRIPTION (Color, Moisture, Density, Plasticity, Size, Proportions)	STRA. DEPTH	DEPTH SCALE	WELL CONSTRUCTION	BORING & SAMPLING NOTES
50	SURFACE	0.0			
	Light gray fine to medium SAND, trace of silt, trace of clay	5.0			Grout plug from 0 to 3 ft.
40	Light gray medium SAND, trace of fine sand trace of silt	15.0	10		Bentonite plug from 10 to 12 ft.
30	Light gray fine to medium SAND, some clay, trace of silt	25.0	20		Gravel pack from 12 to 15 ft.
20	Light gray fine to coarse SAND, trace of silt, trace of gravel		30		Screen from 15 to 25 ft.
10			40		
0			50		
-10	Light brownish gray fine to medium SAND, trace silt	60.0	60		
	Orange-brown medium SAND, trace of fine sand, trace of coarse sand	65.0			
-20	Light brownish gray medium SAND, trace of silt, trace coarse sand, trace of gravel	70.0	70		Bentonite plug from 70 to 75 ft.
-30		80.0	80		Gravel pack from 75 to 80 ft.

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

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

GROUND WATER Elev. at completion

BORING METHOD
HSA - HOLLOW STEM AUGERS
CFA - 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

RECORD OF SOIL EXPLORATION

KIDDE CONSULTANTS, INC.

Projects Name: Southern Solid Waste Facility — Boring # MOW 10

Location: Moore Property — Job # 0182138B2

SAMPLER

Datum: MSL — Hammer Wt. n/a Lbs. — Hole Diameter 7" — Foreman S. Baker

Surf. Elev. 50.0 Ft. — Hammer Drop n/a In. — Rock Core Dia n/a — Inspector B. Mills

Date Started 8/9/83 — Pipe Size n/a In. — Boring Method MD — Date Completed 8/9/83

ELEV.	SOIL DESCRIPTION (Color, Moisture, Density, Plasticity, Size, Proportions)	STRA. DEPTH	DEPTH SCALE	WELL CONSTRUCTION	BORING & SAMPLING NOTES
50	SURFACE	0.0			
	Orange-brown medium to coarse SAND				Screen from 80 to 90 ft.
-40		90.0	90		Top of Chesapeake Group
	Dark gray fine Sandy Gravel, some silt				
-50		100.0	100		Bentonite plug from 100 to 105 ft.
	Dark gray fine SAND, trace of silt				Gravel pack from 105 to 110 ft.
-60			110		Screen from 110 to 120 ft.
-70			120		
	Bottom of boring @ 120 ft.				

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

SAMPLE CONDITIONS: D - DISINTEGRATED; I - INTACT; U - UNDISTURBED; L - LOST

GROUND WATER Elev. at completion

BORING METHOD: HSA - HOLLOW STEM AUGERS; CFA - 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