

RECORD OF SOIL EXPLORATION

Qe 14-6

TRP

KIDDE CONSULTANTS, INC.

Projects Name Southern Solid Waste Facility Boring # MOW 6
 Location Moore Property Job # 0182138B2

SAMPLER

Datum MST Hammer Wt. n/a Lbs. Hole Diameter 7" Foreman E. Kelley
 Surf. Elev. 47.4 Ft. Hammer Drop n/a In. Rock Core Dia n/a Inspector B. Mills
 Date Started 8/1/83 Pipe Size n/a In. Boring Method MD Date Completed 8/1/83

ELEV.	SOIL DESCRIPTION <small>Color, Moisture, Density, Plasticity, Size, Proportions</small>	STRA. DEPTH	DEPTH SCALE	WELL CONSTRUCTION	BORING & SAMPLING NOTES
47.4	SURFACE Gray Clayey fine SAND	0.0			Grout plug from 0 to 3 ft.
40	Yellow medium SAND, trace fine sand	6.0			
	Light gray fine to medium SAND	10.0	10		Bentonite plug from 10 to 12 ft.
30		20			Gravel pack from 21 to 15 ft.
		25.0			Screen from 15 to 25 ft.
20	Yellow-brown fine to medium SAND, trace of coarse sand	30.0	30		
	Yellow-brown fine to coarse SAND	40.0	40		
10	Yellow-brown fine to medium SAND, trace of silt	50.0	50		
0	Yellow-brown fine to medium SAND, trace of gravel, trace of silt	60.0	60		
-10	Yellow-brown fine to medium SAND	65.0	65		
-20	Yellow-brown fine to coarse SAND	70.0	70		
-30	Yellow-brown coarse SAND, trace of fine to medium sand	80	80		

SAMPLER TYPE: DS - DRIVEN SPLIT SPOON, ST - PRESSED SHELBY TUBE, CA - CONTINUOUS FLIGHT AUGER, RC - ROCK CORE
 SAMPLE CONDITIONS: S - DISINTEGRATED, I - INTACT, U - UNDISTURBED, L - LOST
 GROUND WATER Elev. water completion
 BORING METHOD: HSA - HOLLOW STEM AUGERS, CFA - CONTINUOUS FLIGHT AUGERS, DC - DRIVING CASING, MD - MUD DRILLING

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

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 Surf. Elev. 47.4 Ft. Hammer Urep. n/a In. Rock Core Dia n/a Inspector Mills
 Date Started 8/1/83 Pipe Size n/a In. Boring Method MD Date Completed 8/1/83

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	Yellow-brown coarse SAND, trace of fine to medium sand	88.0	90		Top of Chesapeake Group
	Yellow-brown fine to coarse SAND, trace of silt	93.0			
-50	Yellow Gravelly SAND	100.0	100		Bentonite plug from 100 to 105 ft.
	Yellow-brown fine to coarse SAND	110.0	110		Gravel pack from 105 to 110 ft.
-60					Screen from 110 to 120 ft.
-70	Gray-brown fine to coarse SAND	120.0	120		
	Gray-brown fine to medium SAND	125.0			
-80	Gray-brown fine to coarse SAND	130.0	130		
	Gray-brown fine to coarse SAND, trace of dark gray silt	140.0	140		Bentonite plug from 135 to 140 ft.
-90					Gravel pack from 140 to 145 ft.
	Gray-brown fine to medium SAND, trace of dark silt	145.0			Screen from 145 to 155 ft.
-100	Gray-brown fine to medium SAND	150			
-110	bottom of boring @ 160 ft.	160			

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, CDC - DRIVING CASING, MD - MUD DRILLING

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