

841011-841020 MW1-MW10
 44 20 deep screen 10-30
 MATES B-16
 Boring
 PK 21-13

RECORD OF SOIL EXPLORATION

KIDDE CONSULTANTS, INC.

Project Name Long Neck, Design Contract
 Location Sussex County, Delaware
 Borehole B-16 (obs. well)
 Job # 1-88-146C

DATE 7-21-88 HOLE NO. 140 HOLE DEPTH 8"
 SURF. ELEV. 31.24 HOLE DIAMETER 8"
 DATE STARTED 7-21-88 HOLE TYPE X
 FOREMAN W. Stephens
 INSPECTOR HSA
 BORING METHOD HSA
 DATE COMPLETED 7-21-88

ELEV.	SOIL DESCRIPTION Case, Location, Date, Pressure, Size, Penetration	STRA. DEPTH DEPTH SCALE	CORO. BLOW/FT	SAMPLE		BORING & SAMPLING NOTES
				NO.	TYPE	
	SURFACE	0.0				
	Brown light tan moist to wet loose to medium dense silty sand roots in sample S-1	5		1	DS 14"	5" topsoil water encountered at 3.0' on rods bag sample from 0.0 to 15.0'
				2	DS 18"	
				3	DS 16"	
				4	DS 16"	
				5	DS 14"	
	(SM)	10		6	DS 18"	
	bottom of test hole at 16.5'	16.5				
		20				
		25				
		30				
		35				

SAMPLER TYPE
 C1 - OPEN SPLIT SPOON
 P1 - PRESSURE SPLIT TUBE
 CA - CONTINUOUS FLIGHT AUGER
 CC - ROCK CORE

SAMPLE CONDITIONS
 0 - DISTURBED
 1 - INTACT
 U - UNDETERMINED
 L - LOSE

SAMPLE CONDITIONS
 GROUND WATER DEPTH
 AT COMPLETION 12.5 FT
 AFTER X MIN. 10.0 FT
 AFTER 30 MIN. 10.0 FT

BORING METHOD
 HSA - HOLLOW STEEL AUGER
 CA - CONTINUOUS FLIGHT AUGER
 CC - ROCK CORE
 MS - MUD DRILLING

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