

# RECORD OF SOIL EXPLORATION

PK 21-14

KIDDE CONSULTANTS, INC.

Project Name Long Neck Design Contract  
 Location Sussex County, Delaware

Boring B-5 (obs. well)  
 Job # 1-88-146G

SAMPLER  
 Datum \_\_\_\_\_  
 Surf. Elev. 30.24 Ft. Hammer Wt. 140 Lbs. Hole Diameter 8"  
 Date Started 7-20-88 Ft. Hammer Drop 30 In. Rock Core Dia. X  
 Pipe Size 2"OD In. Boring Method HSA

Foreman W. Stephens  
 Inspector \_\_\_\_\_  
 Date Completed 7-20-88

SLY.	SOIL DESCRIPTION <small>Comp. Moisture Content, Plasticity, Sil. Percentage</small>	STRA. DEPTH DEPTH SCALE	SAMPLE		BORING & SAMPLING NOTES
			COND. MEASURE	NO. TYPE REC.	
	SURFACE				
	Brown moist very loose fine sand with trace silt, some roots (SM)	2.0	D	1 DS 14"	
			D	2 DS 14"	
	Brown light tan moist to wet medium to very stiff fine sandy silt with trace clay	5	tube 3	24"	
			10	DS 17"	
	clay layers with roots in S-2	10	10-10	DS 15"	
	(ML)	15	8		
		16.5	10-10	DS 18"	
			6		
	bottom of test hole at 16.5'	20	8-11		
		25			
		30			
		35			

SAMPLER TYPE \_\_\_\_\_ SAMPLE CONDITIONS \_\_\_\_\_ GROUND WATER DEPTH \_\_\_\_\_ BORING METHOD \_\_\_\_\_  
 O - OBSERVED AT COMPLETION 13.0 FT. HSA - HOLLOW STEEL AUGER  
 I - IMPACT AFTER \_\_\_\_\_ FEET. HSE - X CONTINUOUS FLIGHT AUGER  
 U - UNDISTURBED AFTER \_\_\_\_\_ FEET. DC - DRIVING CASING  
 L - LEFT AFTER \_\_\_\_\_ FEET. SP - SILENT DRILLING

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