

PK 21-12

RECORD OF SOIL EXPLORATION

KIDDE CONSULTANTS, INC.

Project Name Long Neck Design Contract  
 Location Sussex County, Delaware

Borings B-12  
 Job # I-88-146G

SAMPLER

Depth 27.74 Ft. Hammer Wt. 140 Lbs.  
 Date Started 7-20-88 Ft. Hammer Drop 30 In.  
 Pipe Size 2"OD In.

Hole Diameter 8"  
 Foreman W. Stephens  
 Inspector X  
 Boring Method HSA  
 Date Completed 7-20-88

BLV.	SOIL DESCRIPTION Color, Moisture, Odors, Fragments, Size, Pressure	STR. DEPTH DEPTH SCALE	CORO. SHOWS	SAMPLE		BORING & SAMPLING NOTES
				NO.	TYPE REC.	
	SURFACE	0.0		2		
	Brown gray moist loose to medium dense silty sand with trace clay and roots (SM)	5.05	I	2-3	1 DS 16"	5" topsoil
	Brown tan wet medium dense sand with some silt (SM)	10	D	14-18 tube 8	2 DS 17"	water encountered at 10.5' on rods
		15	D	10-12 5	3 DS 16"	bag sample from 0.0 to 5.0' from 5.0' to 15.0'
		16.5	D	4-5 3	5 DS 18"	
	bottom of test hole at 16.5'	20	D	6-9 3	6 DS 16"	
		25				
		30				
		35				

SAMPLER TYPE  
 ST - DRIVE SHUT DOWN  
 FT - REEDED BELLY TUBE  
 CA - CONTINUOUS FLIGHT AUGER  
 RC - ROCK CORE

SAMPLE CONDITIONS  
 0 - DISTURBED  
 1 - INTACT  
 U - UNDISTURBED  
 L - LOST

GROUND WATER DEPTH  
 AT COMPLETION 10.0 FT  
 AFTER        MIN.        FT  
 AFTER        MIN. 9.5 FT

BORING METHOD  
 HSA - HOLLOW STEM AUGER  
 CA - CONTINUOUS FLIGHT AUGER  
 DC - DRIVING CLAYING  
 MC - MUD DRILLING

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