

PK 22-33

RECORD OF SOIL EXPLORATION

KIDD CONSULTANTS, INC.

Project Name Long Neck Design Contract B-8
 Location Sussex County, Delaware Jobs 1-88-146G

DATE 7-19-88 7-19-88
 SURF. ELEV. 28.56 Ft. Hammer Drop 30 In. X
 CASE STARTED 7-19-88 Pipe Size 2" OD In. HSA HSA
 SOIL DESCRIPTION Hammer Wt. 140 Lbs. 8"
 SOIL TYPE Foreman
 SOIL CLASSIFICATION Inspector
 SOIL SAMPLE NO. Date Completed 7-19-88

SAMPLER
 Hammer Wt. 140 Lbs.
 Ft. Hammer Drop 30 In.
 Pipe Size 2" OD In.

ELEV.	SOIL DESCRIPTION Color, Moisture, Odor, Plasticity, Silty, Presence of Gravel	STR. DEPTH DEPTH SCALE	CORO	SAMPLE		BORING & SAMPLING NOTES
				NO.	TYPE / REC.	
	SURFACE					
	Brown tan moist very loose fine silty sand (SM)	0.0	D	1-2	1 DS 18"	7" topsoil
	Brown tan moist medium stiff silty clay (CL)	5.0	I	4-5	2 DS 16"	
	Brown tan loose fine sand with trace silt (SM)	8.0	I	4-5	3 DS 16"	
			PUSH tube		4 DS 18"	
		10	D	3	5 DS 16"	
		15		2		water encountered at 11.0' rods
		16.5	D	4-5	6 DS	bag sample from 0.0 to 5.0', 5.0' to 8.0' and from 8.0' to 15.0'
	bottom of test hole at 16.5'	20				
		25				
		30				
		35				

SAMPLER TYPE: CS - DRIVE PILE SPOON, PC - PNEUMATIC SPLIT TUBE, CA - CONTINUOUS FLIGHT AUGER, RC - ROCK CORE

SAMPLE CONDITIONS: 0 - DISTURBED, 1 - INTACT, U - UNDESIGNED, L - LOST

GROUND WATER DEPTH: AT COMPLETION 11.0 FT, AFTER 11.5 FT, AFTER 11.5 FT

BORING METHOD: HSA - HOLLOW STEM AUGER, CA - CONTINUOUS FLIGHT AUGER, DC - DRIVE CASING, SB - SHIP DRILLING

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