

Ph 22-31

RECORD OF SOIL EXPLORATION

KIDDE CONSULTANTS, INC.

Projects Name Long Neck Design Contract B-6 (obs. well)
 Location Sussex County, Delaware 1-88-146C

DATEUM 32.10 Hammer WL 140 Lbs. 8" W. Stephens
 Surf. Elev. 7-20-88 Pl. Hammer Drop 30 In. X Inspector
 Date Started 7-20-88 Pipe Size 2"OD In. HSA Date Completed 7-20-88

ELEV.	SOIL DESCRIPTION Color, Moisture, Odor, Pressure, Size, Proportion	STRA. DEPTH DEPTH SCALE	SAMPLE		BORING & SAMPLING NOTES
			COND.	Blow#	
	SURFACE	0.0			
	Brown moist very loose to loose fine sand with trace silt		D	1 DS 14"	
	(SM)	5.0	D	2 DS 16"	
	Brown gray moist medium dense fine silty sand with trace clay		I	3 DS 16"	
	(SM)	10.0	I	4 DS 18"	
	Brown tan moist to wet medium dense fine silty sand		I	5 DS 18"	
	(SM)	16.5	D	6 DS 16"	
	bottom of test hole at 16.5'				7" topsoil water encountered at 11.0' bag sample from 0.0 to 5.0' and from 5.0' to 10.0'

SAMPLER TYPE: CS - DRIVER SPUT SPOON, PT - RESSERD SHIELD TUBE, CA - CONTINUOUS FLIGHT AUGER, RC - ROCK CORE

SAMPLE CONDITIONS: 0 - OBSOLETE, 1 - EFFECT, U - UNTESTED, L - LOST

GROUND WATER DEPTH: AT COMPLETION 14.5 FT, AFTER 14.0 FT

BORING METHOD: MSA - HOLLOW STEM AUGER, CFA - CONTINUOUS FLIGHT AUGER, DC - DRIVEHOLE CASING, SB - SHIELD DRILLING

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