Ph22-34

RECORD OF SOIL EXPLORATION

KIDDE CONSULTANTS, INC.

Project Name: Long Neck Design Contract — Boring: B-9
Location: Sussex County, Delaware — Job: 1-88-146G

SAMPLER
Datum: ____ Hammer Wt. 140 Lbs. — Hole Diameter 8" — Foreman W.Stephens
Surf. Elev. 26.72 Ft. — Hammer Drop 30 In. — Rock Core Dia x — Inspector ____
Date Started 7-19-88 — Pipe Size 2"OD In. — Boring Method HSA — Date Completed 7-19-88

ELEV.	SOIL DESCRIPTION (Color, Moisture, Density, Plasticity, Size, Proportions)	STRA. DEPTH	DEPTH SCALE	SAMPLE COND.	Blows/6"	NO.	TYPE	REC.	BORING & SAMPLING NOTES
	SURFACE	0.0							
	Brown tan gray moist to wet very loose to medium dense fine to coarse silty sand (SM)			I	1 1-2	1	DS	18"	7" topsoil
				D	3 3-5	2	DS	16"	water encountered at 11.0' on rods
			5	I	8 12-18	3	DS	18"	
				D	5 8-9	4	DS	16"	
			10		2 4-4	5	DS	18"	
			15		2 5-6	6	DS	18"	
		16.5							
	bottom of test hole at 16.5'		20						
			25						
			30						
			35						

SAMPLER TYPE
CS - DRIVEN SPLIT SPOON
PT - PRESSED SHELBY TUBE
CA - CONTINUOUS FLIGHT AUGER
RC - ROCK CORE

SAMPLE CONDITIONS
D - DISINTEGRATED
I - INTACT
U - UNDISTURBED
L - LOST

GROUND WATER DEPTH
AT COMPLETION caved 9.5 FT
AFTER ____ HRS. ____ FT *
AFTER ____ HRS. ____ FT
*caved 9.0'

BORING METHOD
HSA - HOLLOW STEM AUGERS
CFA - CONTINUOUS FLIGHT AUGERS
DC - DRIVING CASING
MD - MUD DRILLING

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

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