

Ph31-07

RECORD OF SOIL EXPLORATION

KIDDE CONSULTANTS, INC.

Project Name Long Neck Design Contract
 Location Sussex County, Delaware

Boring B-15 (obs. well)
 Job I-88-146G

DATEM 39.77 Hammer Wt. 140 Lbs. Hole Diameter 8"
 Surf. Elev. R Hammer Drop 30 in. Rock Core Dia X
 Date Started 7-21-88 Pipe Size 2"OD in. Boring Method HSA
 Foreman W. Stephens
 Inspector _____
 Date Completed 7-21-88

| ELEV. | SOIL DESCRIPTION Color, Moisture, Odor, Plasticity, Cons. Pressure | STRA. DEPTH DEPTH SCALE | SAMPLE | | BORING & SAMPLING NOTES |
|-------|---|----------------------------|--------------|---------------|------------------------------|
| | | | COND./BORING | NO. TYPE REC. | |
| | SURFACE | 0.0 | | | |
| | Brown tan moist very loose to dense fine sand with trace silt | 5 | D | 1 DS 16" | 5" topsoil |
| | some roots in S-1 and S-2 | | | 2 DS 16" | |
| | (SP) | 10 | D | 3 DS 16" | no water encountered |
| | | 15 | D | 4 DS 17" | bag sample from 0.0 to 15.0' |
| | | 16.5 | D | 5 DS 16" | |
| | | | | 8 DS 17" | |
| | bottom of test hole at 16.5' | | D | 16-20 DS 17" | |

SAMPLER TYPE
 CT - DRIVEN SPLIT SPOON
 PT - DRIVEN SPLIT TUBE
 CA - CONTINUOUS FLUID AUGER
 RC - ROCK CORE

SAMPLE CONDITIONS
 B - DISTURBED
 U - UNDISTURBED
 L - LOST

GROUND WATER DEPTH
 AT COMPLETION CAVED 14.0 FT
 AFTER _____ FT
 AFTER _____ FT

BORING METHOD
 HSA - HOLLOW STEM AUGER
 CFA - CONTINUOUS FLUID AUGER
 OC - OPEN CIRCUIT
 MS - MUD COLUMN

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