

PK 22-38

RECORD OF SOIL EXPLORATION

KIDDE CONSULTANTS, INC.

Projects Name Long Neck Design Contract Boring Jobs B-13
 Location Sussex County, Delaware I-88-146G

Design SAMPLER Hammer Wt. 140 Lbs. Hole Diameter 8" Foreman W. Stephens
 Surf. Elev. 28.57 Ft. Hammer Drop 30 In. Rock Core Dia X Inspector
 Date Started 7-22-88 Pipe Size 2"OD In. Boring Method HSA Date Completed 7-22-88

| ELEV. | SOIL DESCRIPTION Color, Moisture, Density, Plasticity, Silts, Pressure | STRA. DEPTH DEPTH SCALE | SAMPLE | | BORING & SAMPLING NOTES |
|-------|--|----------------------------|-----------------|----------------------|---------------------------------------|
| | | | COND. (Blowout) | NO. TYPE REC | |
| | SURFACE | 0.0 | | | |
| | Brown gray moist to dry very loose to dense medium silty sand with some roots, in S-1 | | D 1-1 | 1 DS 12" | 7" topsoil |
| | (SM-SP) | 7.0 | I 17-14 15 | 2 DS 16" 3 DS 16" | water encountered at 11.0' on rods |
| | Light tan gray moist to wet loose to medium dense fine sand with trace silt | | D 4-4 3 | 4 DS 16" 5 DS 16" | bag sample from 7.0' to 15.0' |
| | (SM) | 16.5 | D 10-16 | 6 DS 18" | |
| | bottom of test hole at .16.5' | | | | |

SAMPLER TYPE: DRIVEN SPLIT SPOON DISINTEGRATED GROUND WATER DEPTH _____ FT
 PRESSURE SPLIT TUBE INTACT AT CORRELATION 10.0' FT
 CONTINUOUS FLIGHT AUGER U - UNDISTURBED AFTER 72 MIN. 9.5 FT
 ROCK CORE L - LOSE AFTER _____ MIN. _____ FT

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