

STATE OF DELAWARE
 DEPARTMENT OF NATURAL RESOURCES
 & ENVIRONMENTAL CONTROL
 DIVISION OF ENVIRONMENTAL CONTROL
 WATER RESOURCES SECTION
 88 KING HIGHWAY
 P.O. BOX 1801
 DOVER, DELAWARE 19903

TELEPHONE (302) 739-4751

0c14-79

Application No. 26 Permit No. 65924 E
 County SUSSEX Use MONITOR
 Address 7123 1/2 MAIN STREET 114 BRIDGEVILLE DE
DET'S BREAK 89 KINGS HWY OVER DE
 Sampling Method AIR ROTARY CUTTINGS
 Total Depth 19'

PVC (NO GULF) Diameter 4" Length 9'
 PVC (NO GULF) Slot .020 Diameter 4" Length 10'
 Casing Seal BENTONITE CEMENT
 Geologic Formation COLUMBIA FORMATION
 Size Level #1 MOBILE GRAVEL
8.19'

| DEPTH | BLOWS PER 6" (4" SAMPLER) | WELL DESIGN | IDENTIFICATION OF SOILS/REMARKS |
|---|---------------------------|-------------|---|
| 0-6" | | CASING | CONCRETE |
| 6"-3' | | | BROWN, MEDIUM-LOWER SAND. VERY WELL SORTED, SUBROUND, NO ODR. |
| 3-5' | | | TAN TO BEIGE, FINE-UPPER SAND. VERY WELL SORTED, SUBROUND TO ROUND. SLIGHT ODR |
| 5-8' | | | DARK GREY TO BLUE, CLAYEY, SILTY, SAND. SAND IS SUBROUND, VERY FINE TO FINE. ~30% SILTS, 10% CLAYS & 60% SANDS. VERY STRONG |
| 8-10' | | | WHITE, FINE-UPPER, SAND. VERY WELL SORTED SUBANGULAR, SUBROUND. ODR STRONG. W.T. |
| 10-14' | | | YELLOW/BROWN, COARSE-LOWER TO VERY COARSE UPPER SAND TO GRAVEL. VERY POORLY SORTED SUBANGULAR. SLIGHT ODR |
| 14-17' | | | ORANGE/BROWN, SILTY, SAND. COARSE-LOWER TO COARSE-UPPER, SAND. ~10% SILTS MAKE IT FAIRLY PLASTIC. |
| * HIT WATER TABLE @ 8.5'. HNU REGISTERED 930 HNU UNITS. | | | |

CASING

SCREEN