

Application No. 22 Permit No. 65920 E
 County SUSSEX Use monitor

PROPERTY MARKET & MAIN STREETS BRIDGEVILLE, DE
 Address 84 KINGS HWY DOVER, DE

AIR ROTARY Sampling Method CUTTINGS Total Depth 25'
7"

PVC (NO GUE) Diameter 4" Length 10'

PVC (NO GUE) Slot .020 Diameter 4" Length 25'
MORIE GRAVEL Casing Seal BENTONITE CEMENT
1-7-95 Geologic Formation COLUMBIA FORMATION

IDENTIFICATION OF SOILS/REMARKS Oct 15-16

BLDGS PER 5' (PI SAMPLER)	WELL DESIGN	IDENTIFICATION OF SOILS/REMARKS
	CASING	0-6" ✓ <u>TOPSOIL</u>
		6"-4 1/2' ✓ <u>DARK BROWN TO BLACK, UPPER-FINE SAND. 5-10% GRAVEL. MODERATELY SORTED. NO COAR. SUBANGULAR - SUBROUND.</u>
		4 1/2'-5' ✓ <u>DARK BROWN, FINE-LOWER / MEDIUM-UPPER SAND. GOOD SORTING. SUBROUND. NO COAR.</u>
		5'-5 1/2' ✓ <u>BROWN, FINE-UPPER / MEDIUM-LOWER SAND. GOOD TO VERY GOOD SORTING. SUBROUND, NO COAR.</u>
		5 1/2'-7' ✓ <u>BEIGE, SANDY CLAY. SAND RANGES FROM FINE TO MEDIUM. CLAY IS DRY. 60% CLAY, 40% SAND, POORLY SORTED, SUBANGULAR.</u>
		7'-8' ✓ <u>ORANGE BROWN, SILTY CLAYED SAND. SAND RANGES FROM FINE TO MEDIUM. POORLY SORTED, SUBANGULAR, SUBROUND. 10% SILT, 30% CLAY, 60% SAND.</u>
		8'-13' ✓ <u>TAN, MEDIUM-LOWER SAND, WELL SORTED, SUBANGULAR, SUBROUND, NO COAR.</u>
		13-15' ✓ <u>TAN, SILTY, MEDIUM-UPPER SAND. ≈ 5% GRAVEL. POOR TO MODERATE SORTING. FAIRLY PLASTIC. 80% S.</u>
		15-30' ✓ <u>YELLOW BROWN TO OFF WHITE, CLAYEY, SILTY SAND. VERY POORLY SORTED. FINE TO VERY COARSE. 10% CLAY, 20% SILT, 70% SAND. ANG. SUBANG. SUB.</u>
		* <u>WATER TABLE @ 15' REGISTERED. 4 HOLE UNITS</u> <u>LOGGED BY CURT HERMAN</u>

SCREEN