

Application No. 123/86 Permit No. 65921 E  
 County SUSSEX Use monitor  
 PROPERTY MARKET & MAIN STREETS, BRIDGEVILLE, DE  
 Address 89 KINGS HWY, DUBLIN, DE  
 Sampling Method AIR ROTARY CUTTINGS  
 Total Depth 7' 25'  
 PVC (NO GUE) Diameter 4" Length 10'  
 PVC (NO GUE) Slot .020 Diameter 4" Length 15'  
 Casing Seal BENTONITE  
 Geologic Formation CEMENT COLUMBIA FORMATION  
 # MORIE GRAVEL  
 HLES

DEPTH	DIAGNOSIS PER 6" (M) SAMPLER	WELL DESIGN	IDENTIFICATION OF SOILS/REMARKS
0-3'		CASING	DARK BROWN, FINE-LOWER / MEDIUM-UPPER SAND. MODERATE TO GOOD SORTING, SUBANGULAR, SUBROUND.
3-4'			DARK, ORANGE/BROWN, MEDIUM-LOWER SAND. VERY GOOD SORTING, SUBROUND, NO ODOOR.
4-5 1/2'			TAN, LIGHT BROWN CLAY, WHITE STEAKS LAYERS IN CLAY. NON-PLASTIC, VERY DRY. NO ODOOR.
5 1/2-8'			BEIGE, MEDIUM-UPPER SAND. VERY GOOD SORTING, SUBROUND, NO ODOOR.
8-14'			YELLOW/BROWN, COARSE UPPER SAND. GOOD SORTING, SUBANGULAR. SEEMS TO GET COARSER @ 13'. NO ODOOR.
14-20'			WHITE, YELLOW/BROWN, VERY COARSE-LOWER SAND TO GRAVEL. POOR TO MODERATE SORTING. ANGULAR-SUBANGULAR. NO ODOOR. WATER TABLE
20-24'		SCREEN	TAN, MEDIUM-UPPER / COARSE LOWER SAND. GOOD SORTING, SUBROUND, NO ODOOR.
24-30'			TAN, MEDIUM-LOWER / MEDIUM-UPPER, SILT SAND, 20% SILTS MAKE SAND PLASTIC SEEMS TO GET MORE SILTS WITH DEP
			* WATER TABLE @ 15' REGISTERED .5 ANU UNIT * WELL GAVE WATER. * LOGGED BY CURT HERMAN