

Delaware State Highway Dept.

SHEET 1 OF 2
DATE Dec. 7, 1962

Indian River Inlet Bridge **PENNIMAN & BROWNE, INC.**

SOIL BORING LOG

INSPECTOR	FOREMAN <u>C. Finegan</u>	SPOON	CAST
REMARKS	WATER LEVEL RECORDED FROM GROUND SURFACE	OUTSIDE DIA. 2"	4 1/2"
	<u>PJ42-22</u>	INSIDE DIA. 1 1/2"	3 7/8"
		HAMMER WGT. 140 lbs.	350 lb
		HAMMER FALL 30"	24"

DEPTH	SAMPLE		BORING NO. B-12 11/1/62	CASING	ELEV.	DEPTH	SAMPLE		BORING NO.	CASING
	NO.	B/S					NO.	B/S		
			Surface Elev. 11.25			36			Boring B-12 Continued	
2			Brown silty clayey sand (road bed)	1-17		37.5				37-
2.5				2-31						38-
4	1	18 18 19	White and brown fine to coarse sand	3-32		39				39-
5				4-43		40.5	10	1 1		
6.5	2	11 11 11		5-39						
7				6-58						
7.5				7-55						
9	3	4 5 6	Brown coarse sand, some gravel	8-41						
10				9-30		45				
11.5	4	8 6 7		10-31		46.5	11	Push/18"		
13				11-44					Gray organic silt	
14				12-61						
15.5	5	9 17 20	Brown fine to medium	13-65		49				
				14-76		50.5	12	1 1 1		
				15-70						

Depth (ft)	Soil Description	Soil Color	Soil Texture	Moisture (%)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)
	sand							
16.5				52				
17-122								
18-94				54				
19								
19-94								
20.5		6	6	56				
			8					
			13					
21-120				57				
22-155								
	Gray fine to medium sand							
23-215				59				
24								2
24-225					13			3
25.5		7	24	60.5				3
			60					
			66					
26-303								
27-313								
27.5				63.5				
28-314				64				
29								13
29-360					14			8
30.5	Brown coarse sand	8	8	65.5				9
			14					
			26					
31-265								
32-314								
33				69				
34								13
34-398					15			11
35.5	Gray fine sand	9	26	70.5				
			33					
			33					
36				72				
36-169								
Boring B-12 Continued				Boring B-12 Continued *3" Undisturbed sample pushed, no recovery **3" Undisturbed sample pushed, no recovery ***3" Undisturbed sample pushed, 24" Recovery				

88			
88.7		6	Brown & gray clay
	19	10	
90.5		19	Gray fine silty sand
93			
94			Light brown fine medium and coarse sand
	20	34	
		32	
95.5		68	
			Water level - 10.9' upon completion

