

GILBERT ASSOCIATES, INC
SOIL AND ROCK CLASSIFICATION SHEET

SHEET 1 OF 3 1

PROJECT: Delm. P&L Co. w.o. 04-4645-000 SITE AREA Indian River Station DRILL HOLE NO. Test Well

CONTRACTOR: Delm. Drilling Co. COORDINATES _____ ELEVATION 24.8

DRILLER: George Pierson GWL 0 HRS _____

CLASSIFIED BY: DJS DATE: 5/30/74 24 HRS _____

Depth Ft.	Sample No.	SPT Blows/ 6 in.			Ft. Rec.	Profile	DESCRIPTION Density (or Consistency), Color Rock Or Soil Type - Accessories	U.S.C.S.	R.Q.D.	Soil Or Rock		REMARKS Chemical Comp, Geologic Data, Ground Water, Construction Problems, etc.
		6	12	18						Range Size	Grain Shape	
										Core	Rec.	
										Run	Core	
0												
5						0-5 light brown silty fine sand no gravel (test pit)			COARSER MATERIAL - Not being floated out of hole		Drilled 110 feet of 16" dia. hole Set 90' of 10" I.D. casing 90'-110' - 20' of 10" I.D. stain- less steel screen Grouted 0'-70' - 6:1 water:cement mix	
						5-10 light brown, fine-medium sand with fine angular gravel, cream clay traces						
10						10-15 Tan medium coarse sand with some fine angular gravel						
15						15-20 cream tan fine to medium sand with trace of fine angular gravel						
20						20-25 - as above						
25						25-30 as above - trace of shell fragments						
30						30-35 tan, fine-coarse sand with traces of multicolor fine gravel						
35						35-40 as above - mostly medium sand recovered						
40						40-45 tan medium-coarse sand with traces of shell fragments						
45						45-50 same - rods jumping - gravel layers						
50												

SOIL AND ROCK CLASSIFICATION SHEET

CPH 11-3

PROJECT: Delmarva P & L W.O. 04-4645-000 SITE AREA Indian River Sta.
 CONTRACTOR: Delmarva Drill Co. COORDINATES _____
 DRILLER: George Pierson
 CLASSIFIED BY: DJS DATE: 5/30/74

SHEET 2 OF 3 1
 DRILL HOLE NO. Test Well
 ELEVATION 24.8
 GWL 0 HRS _____
 24 HRS _____

Depth Ft.	Sample No.	SPT Blows/ 6 In.	Ft. Rec.	Profile	DESCRIPTION Density (or Consistency), Color Rock Or Soil Type - Accessories	U.S.C.S.	R.Q.D.	Soil Or Rock		REMARKS Chemical Comp, Geologic Data, Ground Water, Construction Problems, etc.
								Range Size	Grain Shape	
								Core Run	Rec. Core	
50		6 12 18								
55					50-55 as above - rods jumping at 53.0' (gravel layer)					
60					55-60 as above - darker tan, tint of rust iron staining					
65					60-65 tan, medium to coarse sand recovered					
70					65-70 as above					
75					70-75 as above					
80					75-80 same with rust tint					
85					80-85 rust-tan, fine sand with some medium sand					
90					85-90 rust, fine to medium sand with trace of rust brown clayey silt					
95					90-95 rust, tan, medium sand with some coarse sand					
100					95-100 rust, tan-medium coarse sand with trace of fine gravel (Added more quickgel)					

COARSER MATERIAL - Not being floated out of hole

SOIL AND ROCK CLASSIFICATION SHEET

Qh 11-3

SHEET 3 OF 3 1

PROJECT: Delmarva P & I W.O. 04-4645-000 SITE AREA Indian River

DRILL HOLE NO. Test Well

CONTRACTOR: Delmarva Drill Co. COORDINATES _____

ELEVATION 24.8

DRILLER: George Pierson

GWL 0 HRS _____

CLASSIFIED BY: DJS

DATE: 5/30/74

24 HRS _____

Depth Ft.	Sample No.	SPT		Ft. Rec.	Profile	DESCRIPTION Density (or Consistency), Color Rock Or Soil Type - Accessories	U.S.C.S.	R.Q.D.	Soil Or Rock		REMARKS Chemical Comp, Geologic Data, Ground Water, Construction Problems, etc.
		Blows/ 6 in.							Range Size	Grain Shape	
		6	12						Core Run	Rec. Core	
		18									
100		6	12	18		100-105 tan, medium to coarse sand with traces of shell fragments					
105						105-110 as above					
110						T.D. @ 110 feet					
115						Over drilled hole to 122 feet to allow cuttings to settle out.					
120											
125											