

## SOIL AND ROCK CLASSIFICATION SHEET

SHEET 1 OF 3 1APROJECT: Delmarva P & L W.O. 04-4645-000 SITE AREA Indian RiverDRILL HOLE NO. Ob. WellCONTRACTOR: Delm. Drilling Co.

COORDINATES \_\_\_\_\_

ELEVATION 25.1DRILLER: George Piersson

GWL 0 HRS \_\_\_\_\_

CLASSIFIED BY: DJSDATE: 5/29/74

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	Grain	
		6	12	18						Size	Shape	
		Core	Run	Rec.						Core		
0		6	12	18								
5						0-5 tan-creas, fine-medium sand with cream clay layers, trace of fine gravel						Drilled 6-3/4" hole, installed 2" I.D. PVC pipe & slotted screen
10						5-10 as above, trace of gravel, subrounded to rounded						
15						10-15 tan-cream, fine-medium sand with some gravel, thin layers of cream clay						
20						15-20 tan-cream, medium sand with trace of fine gravel, cream sandy clay layers						
25						20-25 cream, fine-medium sand with trace of coarse quartz sand, layered with cream silty clay						
30						25-29 cream, fine-medium sand with cream-rust sandy clay layers						
35						29-35 cream-tan, medium to coarse quartz sand with 30% well graded quartz gravel, gravel up to 1/2" diameter, angular to rounded, occasional rust-cream clay layers						
40						35-40 tan, medium coarse sand with 20-30% coarse gravel, trace of cream sandy clay, gravel is angular to rounded						
45						40-45 tan, fine-medium sand with some coarse quartz sand, sample was 10% fine gravel.						
50						45-50 Tan, medium to coarse sand with 1/4"-1/2" angular to rounded gravel, gravel mostly quartz, some black pieces.						

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 CONTRACTOR: Delmarva Drilling Co. COORDINATES \_\_\_\_\_  
 DRILLER: George Piersson  
 CLASSIFIED BY: DJS DATE: 5/29/74

SHEET 2 OF 3  
 DRILL HOLE NO. Ob Well 1A  
 ELEVATION 25.1  
 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 tan, medium to coarse sand with 30-40% coarse gravel, gravel multicolor, angular-rounded, trace rust staining on some gravel pieces					
60					55-60 tan, medium-coarse sand with coarse angular-rounded gravel, gravel up to 1/2", multicolor qtz					
65					60-65 as above - trace of cream clay					
70					65-70 as above, no clay, slightly smaller size gravel					
75					70-75 tan, fine-coarse sand with fine-coarse gravel, sample well graded, gravel angular-rounded, mostly quartz					
80					75-80 as above - multicolor gravel, some rust staining on gravel pieces, gravel predominantly 1/4" size					
85					80-85 tan, fine-medium sand with some coarse sand and 1/4" angular-subrounded gravel (finer zone)					
90					85-90 tan, medium-coarse sand and gravel, gravel multicolor, predominantly 1/4" size, numerous rust stained pieces					
95					90-95 tan, medium to coarse sand and gravel, gravel angular-rounded, mostly 1/4"-3/8" size, rust stained pieces					
100					95-100 tan, medium-coarse sand and gravel, poorly sorted, gravel 1/4"-3/8" size, angular-rounded, numerous rust stained pieces					

SOIL AND ROCK CLASSIFICATION SHEET

SHEET 3 OF 3

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

DRILL HOLE NO. b well 1A

CONTRACTOR: Delmarva Drilling Co. COORDINATES \_\_\_\_\_

ELEVATION 25.1

DRILLER: George Pierson

GWL 0 HRS \_\_\_\_\_

CLASSIFIED BY: DJS

DATE: 5/29/74

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.O.D.	Soil Or Rock		REMARKS Chemical Comp, Geologic Data, Ground Water, Construction Problems, etc.
		Blows/ 6 in.								Range	Grain	
		6	12	18						Size	Shape	
		Core		Run						Rec.	Core	
100						100-105 tan, medium-coarse sand with fine gravel, poorly sorted, occasional 1/2" gravel pieces trace of rust staining						
105						105-110 tan, medium to coarse sand with fine gravel - as above						
110						T.D. @ 110.0 feet						