

GILBERT ASSOCIATES, INC.  
SOIL AND ROCK CLASSIFICATION SHEET

PROJECT: Kent County N.O. 06-7311-000 SITE AREA Houston Landfill  
 CONTRACTOR: Delmora Drilling Co. COORDINATES \_\_\_\_\_  
 DRILLER: C. Wallace  
 CLASSIFIED BY: DJS DATE: 6/20/80

SHEET 1 OF 3  
 DRILL HOLE NO. EM-1  
 ELEVATION 53.26 TOC  
 GWL 0 HRS \_\_\_\_\_  
 24 HRS \_\_\_\_\_

*644-1*

Depth Ft.	Sample No.	S P T 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 Rec.		
0		6	12	18								
10					0-10 Tan fine to med. sand							
20					10-15 As above w/ some CRSC sand							
30					15-20 Lighter tan fine to coarse sand							
40					20-30 cream fine to coarse sand w/ trace of fine gravel							
50					30-35 Tan med to crse sand & f. gravel							
60					35-40 rust clayey crse sand & fine gravel							
70					40-50 gray sand S.H. w/lenses of clayey s.H. trace of shells							
80					50-55 as above							
90					55-60 Brownish grey sandy silt w/ abundant shell frags.							
100					60-70 Brownish grey sandy silt w/ abundant shell frags.							
					70-80 as above							
					80-90 as above-more sand w/ greenish grey layers of clayey silt							
					Gray: fine to medium sand w/ same coarse sand, few shell frags							

← Pleistocene →

1ankin →

SOIL AND ROCK CLASSIFICATION SHEET

LD 44-1

PROJECT: Kent County W.O. 06-7311-000 SITE AREA Houston Landfill  
 CONTRACTOR: Delmarva Drilling Co. COORDINATES \_\_\_\_\_  
 DRILLER: C. Wallace DATE: 6/20/80  
 CLASSIFIED BY: DJS SHEET 2 OF 3  
 DRILL HOLE NO. DMG-1  
 ELEVATION 53.26 TSC  
 GWL 0 HRS \_\_\_\_\_  
 24 HRS \_\_\_\_\_

Depth Ft.	Sample No.	S P T 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 Core	Grain Shape Rec.	
100		6 12 18			100-110 Grey fine to coarse sand no shell frags.					
110					110-120 as above: more coarse sand w/ depth 118' clayey zone					
120					120-131 as above					
130										
140					131-140 dark grey clayey silt to sandy silt w/ some shell frags					
150					140-150 grey clayey silt to sandy silt					
160					150-160 as above					
170					160-170 as above					
180					170-175 as above					
190					175-183 sandy zone: silty fine sand, grey					
200					183-190 grey: sandy silt w/ clayey silt layers, shells					
					190-200 greyish brown silty clay to clayey silt					

← Manokin

Ld 44-1

GILBERT ASSOCIATES, INC.  
SOIL AND ROCK CLASSIFICATION SHEET

SHEET 3 OF 2

PROJECT: Kent County W.O. 06-7311-000 SITE AREA Houston Landfill  
 CONTRACTOR: Delmarva Drilling Co. COORDINATES \_\_\_\_\_  
 DRILLER: G. Wallace DATE: 6/20/80  
 CLASSIFIED BY: DJS ELEVATION 53.26 TOC  
 24 HRS \_\_\_\_\_  
 GWL 0 HRS \_\_\_\_\_

Depth Ft.	Sample No.	S P T Blows/ 6 In.	Ft. Rec.	Profile	DESCRIPTION Density (or Consistency), Color Rock Or Soil Type - Accessories	U.S.C.S.	R.D.D.	Soil Or Rock			REMARKS Chemical Comp, Geologic Data, Ground Water, Construction Problems, etc.
								Range Size	Grain Shape	Core Rec.	
200		6 12 18			200-210 greyish brown clayey silt						
210					210-218 greyish brown clayey silt, getting sandy, strong odor in drilling water @218						
220					218-230 grey: fine to med. sand w/ abundant shells, some silt						
230					230-235 as above						
240					235-240 grey sandy silt w/ some clay						
					Total depth 240'						
					Notes: 1. Run electric log resistivity (left side) & SP right side 2. Log Results: Pleistocene: 38 Manokin: 92-120 Frederica: 218-234 3. Set 4" PVC screen 220'-230' 4. Gravel pack 215-240 5. Develope 2:00 - 2:30 clear 10 gpm 6. Bentonite 2' - 215'						
											