AVILES ENGINEERING CORP
GEOTECHNICAL ENGINEERS

Elevation 100.72

PROJECT Fort Bend County Land Fill

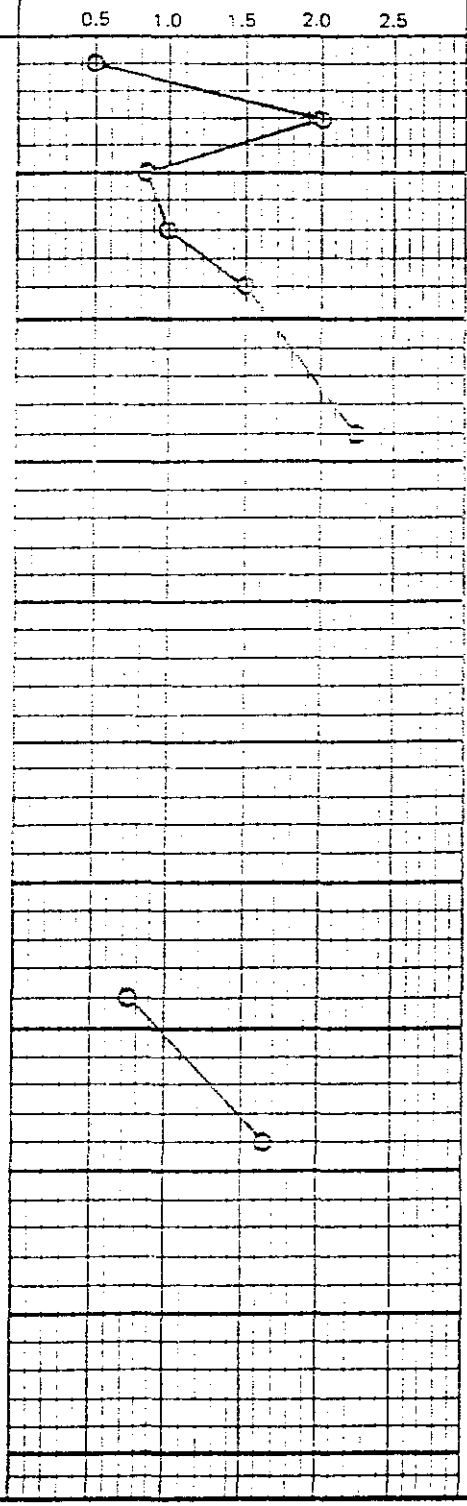
BORING B-1

DATE 04-23-87 TYPE 3" Core LOCATION See Plan

DEPTH IN FEET	SYMBOL	CORES	DESCRIPTION	BLOWS / FOOT	M.C., %	U.D.W., PCF	LIQUID LIMIT	PLASTIC LIMIT
0			Dark Gray Clay					
			Brown Clay		16		53	19
5			Dark Gray Clay with Ferreous Nodules					
			Light Gray & Tan Clay with Calcareous Nodules		28		76	27
10								
			Gray & Tan Clay with Calcareous Nodules		19		59	20
15								
			Tan Sand					
20				50/3"				
				50/2½"				
25								
				50/1"				
30								
35								
			Red Clay with sand partings		34		70	22
40								
			Tan Sand with clay layers		27			
45								
					27			
50								

SHEAR STRENGTH, TSF

O – POCKET PENETROMETER
X – LABORATORY CONFINED
● – LABORATORY UNCONFINED



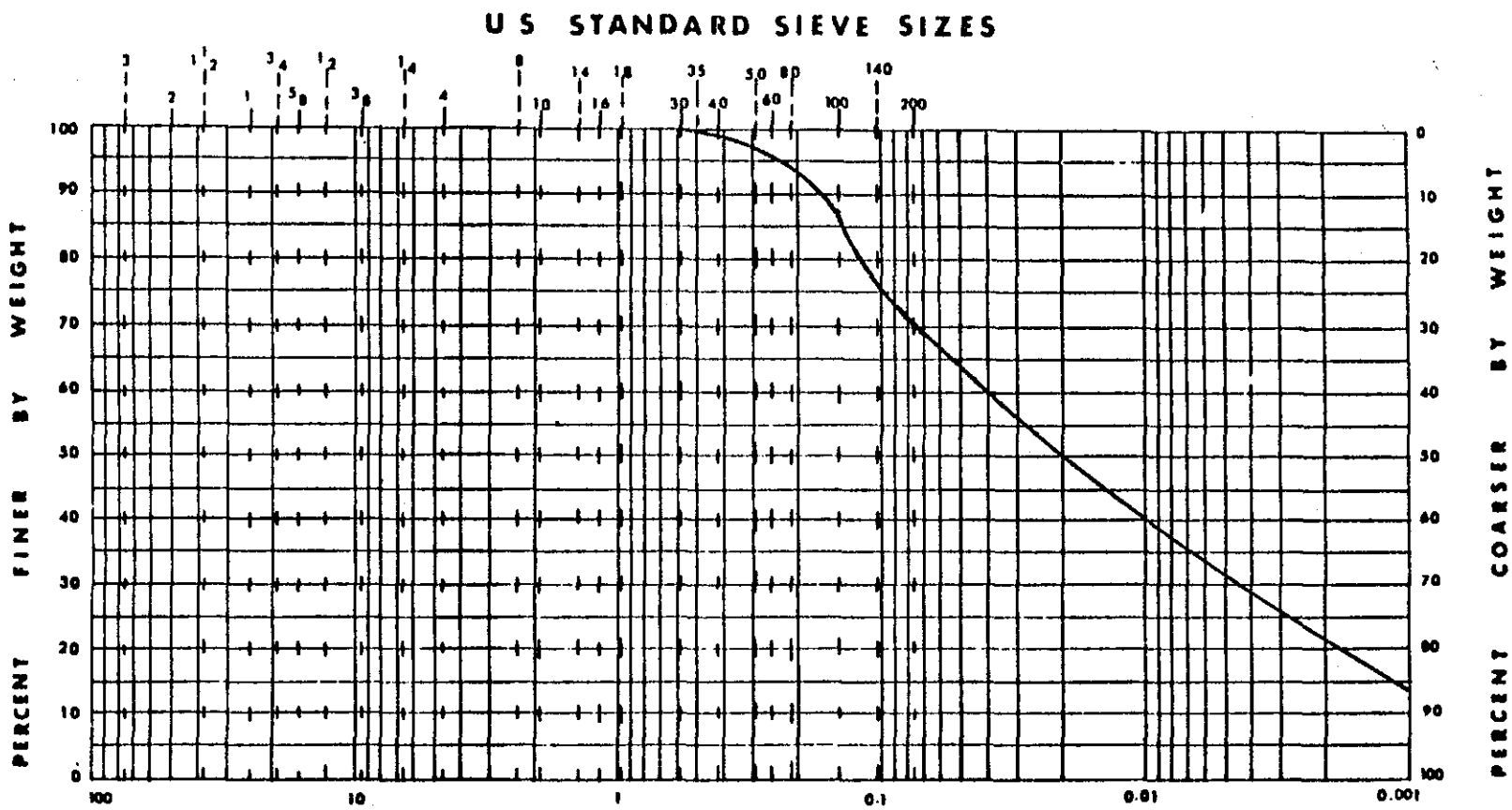
AVILES ENGINEERING CORP
GEOTECHNICAL ENGINEERS

PROJECT Fort Bend County Land Fill

BORING B-1

DATE 04-23-87 TYPE 3" Core LOCATION

DEPTH IN FEET	SYMBOL	CORES	DESCRIPTION	BLOWS / FOOT	M.C., %	U.D.W., PCF	SHEAR STRENGTH, TSF (O – POCKET PENETROMETER; X – LABORATORY CONFINED; ● – LABORATORY UNCONFINED; 0.5 1.0 1.5 2.0 2.5)	LIQUID LIMIT	PLASTIC LIMIT
50									
			Tan Sand						
				50/6"					
55									
			with pea sized gravel	50/9"					
60									
			Bottom @ 60"						
			1. Boring drilled to 20 without drilling fluid						
65									
			2. Water encountered at 41' while drilling						
70									
			3. Water level at 37'6" after 24 hours						
75									
80									
85									
90									
95									
100									



B-1
Depth 38'-40'

GRAVEL		SAND			SILT OR CLAY
COARSE	FINE	COARSE	MEDIUM	FINE	

AVLES ENGINEERING CORP.
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