U.S. ARMY CORPS OF ENGINEERS

BORING NO. 92-142 DATE: BEGIN 7-24-92 PAGE 1 / 1
JOB NO. 146548 COMPLETE 7-24-92 Thin Walled Tube ☒ 3" ☐ 6"
PROJECT DISPOSAL AREA #5
LOCATION BROWNSVILLE SHIP CHANNEL
ELEVATION OF HOLE
MANUFACTURER'S DESIGNATION OF DRILL RIG C-1000 Marsh Buggy
GROUNDWATER: DEPTH 1.00 ft., ELEV. ____ ft., at end of Drilling
WEATHER PARTLY
DRILLER SCOTT GREGUREK LOGGER JOHN A. GENTRY

DEPTH, FEET	SAMPLE	SAMPLE NO.	PEN./TORVANE SPT.-BLOW COUNT	COLOR	MATERIAL TYPE	CONSISTENCY	SECONDARY CONSTITUENTS	STRUCTURAL FEATURES AND COMMENTS
0		1	NA	BROWN	SAND		CLAY	
		2	0.5	BROWN	CLAY	MEDIUM STIFF		+ GRAY
5	X	3	W.O.P	GRAY	CLAY	VERY SOFT		PUSH TUBE W/R 4-6'
		4	0.25	11	CLAY	SOFT		
		5	0.5	11	CLAY	MEDIUM STIFF		+ BROWN 8'-12'
10		6	0.5	11	11	11		
		7	1.5	11	11	STIFF		
15		8	1.25	GRAY	CLAY	STIFF	SANDY	-w/SiftSa LAYER
								W.O.P: Weight of Pipe
20								
25								
30								
35								

Project : Disposal area site adjacent to the Brownsville Ship channel for the Brazos Island Harbor project near Brownsville, Texas
Contract No. DACW64-92-D-0001 Delivery order No. 0025

SUMMARY OF LABORATORY TEST RESULTS

Boring No. 92-142

S #	Depth (ft)	P P (tsf)	SPT Blows per Foot	Visual Classification	U S C	M c (%)	Dry Unit Wt (pcf)	Wet Unit Wt (pcf)	L L (%)	P L (%)	Mechanical Analysis % Passing					Torvane Shear Strength (tsf)	q u (tsf)
											#4	#10	#40	#100	#200		
1	0-2			Gray,Sand,Loose,Silty,w/clay seams	S M												
2	2-4	0.25		Brown&gray,Clay,Soft	C H	27.5	93.3	119.0	50	19						0.14	0.31
3	4.5-6	0.00	W.O.P.	Brown,Clay,Very soft	C H	45.1											
4	6-8	0.50		Olive gray,Clay,Medium stiff	C H	43.6	76.1	109.3	60	23						0.25	0.51
5	8-10	0.50		Brown,Clay,Medium stiff	C H	45.9										0.25	
6	10-12	0.50		Brown,Clay,Medium stiff	C H	36.5										0.30	
7	12-14	1.50		Brown,Clay,Stiff	C H	34.0											
8	14-16	2.00		Gray&yellowish brown,Clay,Very stiff,Sandy,w/ silty sand layer	C L	19.4											

S # : Sample Number, P P : Pocket Penetrometer Reading, U S C : Unified Soil Classification, M c : Moisture Content
q u : Unconfined Compressive Strength, W O H : Weight of hammer, W O P : Weight of pipe

Geotest Engineering, Inc.