U.S. ARMY CORPS OF ENGINEERS

BORING NO. 92177 DATE: BEGIN 7-30-92 PAGE 1 / 1
JOB NO. 14G548 COMPLETE 7-30-92 Thin Walled Tube
PROJECT DISPOSAL AREA #5 ☒ 3" ☐ 6"
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 CLOUDY & VERY WINDY
DRILLER SCOTT LOGGER JOHN

DEPTH, FEET	SAMPLE	SAMPLE NO.	PEN./TORVANE SPT.-BLOW COUNT	COLOR	MATERIAL TYPE	CONSISTENCY	SECONDARY CONSTITUENTS	STRUCTURAL FEATURES AND COMMENTS
0								
		1	1.0	BROWN	CLAY	STIFF		
				〃	〃	SOFT		+ GRAY 2'-18'
		2	0.25			VERY		
5		3	0.0	〃	〃	SOFT		
						MEDIUM		
		4	0.5	〃	〃	STIFF		
			0.25	〃	〃	SOFT		
10								
15								
20								
25								
30								
35								

GEOTEST ENGINEERING INC

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. 92-177

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	0.50		Brown,Clay,Medium stiff	CH	34.2	86.2	115.7	68	25							0.53
2	2-4	0.50		Brown,Clay,Medium stiff	CH	33.8										0.25	
3	4-6	0.50		Brown,Clay,Medium stiff,Sandy,w/silt pockets and ferrous stains	CL	27.5	95.8	122.1	44	19						0.30	0.58
4	6-8	0.75		Brown,Clay,Medium stiff,w/ferrous stains	CH	35.3										0.30	
5	8-10	0.50		Brown,Clay,Medium stiff,w/silt pockets	CH	29.1										0.25	

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.