U.S. ARMY CORPS OF ENGINEERS

BORING NO. 92-156 DATE: BEGIN 7-31-92 PAGE 1 / /
JOB. NO. 14C548 COMPLETE 7-31-92 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 3.00 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	1.75	BROWN	CLAY	STIFF		
		2	0.75	"	"	MEDIUM STIFF		
5		3	0.5	"	"	"		
		4	1.25	"	"	STIFF		
10		5	0.5	BROWN	CLAY	MEDIUM STIFF	SILTY	
15								
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. 92-156

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	0.75		Brown,Clay,Medium stiff,w/ferrous stains	CH	38.9											
2	2-4	0.75		Brown,Clay,Medium stiff,w/ferrous stains	CH	39.4	80.4	112.1	57	24						0.35	0.62
3	4-6	1.00		Gray,Clay,Stiff	CH	42.2										0.50	
4	6-8	0.75		Brown,Clay,Medium stiff	CH	36.8											
5	8-10	1.00		Brown,Clay,Stiff,w/ferrous stains	CH	36.3			65	26							

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.