U.S. ARMY CORPS OF ENGINEERS

BORING NO. 92-180 DATE: BEGIN 8-02-92 PAGE 1 / /
JOB NO. 146548 COMPLETE 8-02-92 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 2.00 ft., ELEV. ____ ft., at end of Drilling
WEATHER PARTLY CLOUDY HOT & WINDY
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	0.75	GRAY	CLAY	MEDIUM STIFF		
		2	3.25	BROWN	CLAY	VERY STIFF	SILTY	↓ GRAY Below 2'-10'
5		3	1.25	"	"	STIFF	"	-W/Si LAYER 4'-10'
		4	0.25	"	"	SOFT	"	
		5	0.00	"	"	VERY SOFT	"	
10								
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. 92-180

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 #4	#10	#40	#100	#200	Torvane Shear Strength (tsf)	q u (tsf)
1	0-2	1.00		Gray,Clay,Stiff,Silty,w/sand pockets	CL	25.9											
2	2-4	2.25		Gray,Clay,Very stiff,Silty,w/sand pockets	CL	21.4											
3	4-6	1.75		Brown,Clay,Stiff,Silty,w/ferrous stains	CL	22.2	104.8	128.1	31	17							1.23
4	6-8	1.50		Brown,Clay,Stiff,Silty,w/ferrous stains	CL	25.0										0.65	
5	8-10	0.75		Brown,Clay,Medium stiff,Silty,w/ferrous stains	CL	26.4										0.35	

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.