U.S. ARMY CORPS OF ENGINEERS

BORING NO. 92-162 DATE: BEGIN 7-29-92 PAGE 1 / 1
JOB NO. 146548 COMPLETE 7-29-92 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 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	1.0	BROWN	CLAY	STIFF		
		2	1.0	"	"	"		
5		3	0.75	"	"	MEDIUM STIFF		GRAY 4'-10'
		4	0.25	"	"	"		
		5	0.75	"	"	"		
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. 92-162

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	1.00		Brown,Clay,Stiff	CH	34.8											
2	2-4	0.75		Brown,Clay,Medium stiff	CH	33.2	87.2	116.2	61	24							0.64
3	4-6	0.75		Brown,Clay,Medium stiff,w/soft clay pockets	CH	48.6											
4	6-8	0.75		Brown,Clay,Medium stiff,Silty,w/ferrous stains	CL	28.5	95.4	122.6	35	18							0.81
5	8-10	0.75		Gray,Clay,Medium stiff,w/ferrous stains	CH	29.6											

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.