U.S. ARMY CORPS OF ENGINEERS

BORING NO. 92-149 DATE: BEGIN 8-1-92 PAGE 1 / 1

JOB NO. 146548 COMPLETE 8-1-92 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 4.00 ft., ELEV. ____ ft., at end of Drilling

WEATHER PARTLY CLOUDY & 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	2.25	BROWN	CLAY	VERY STIFF		& GRAY 0'-8'
		2	2.0	"	"	"		
5		3	1.5	"	"	"		
		4	0.75	"	"	MEDIUM STIFF		
		5	0.5	GRAY	"	"		
10		6	0.5	"	"	"		
		7	0.5	"	"	"		
15		8	2.25	"	"	VERY STIFF		
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. 92-149

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	1.75		Brown,Clay,Stiff,w/sand seams&gravel	CH	23.8											
2	2-4	1.75		Brown,Clay,Stiff,w/mica	CH	25.2											
3	4-6	1.50		Brown&gray,Clay,Stiff,w/sand seams	CH	33.8											
4	6-8	0.50		Brown&gray,Clay,Medium stiff,w/mica	CH	26.4										0.25	
5	8-10	0.50		Olive gray,Clay,Medium stiff	CH	49.7										0.30	
6	10-12	0.50		Olive gray,Clay,Medium stiff	CH	48.2	71.9	106.6	60	25						0.30	0.56
7	12-14	0.50		Olive gray,Clay,Medium stiff	CH	49.7										0.30	
8	14-16	1.50		Gray,Clay,Stiff	CH	37.8											

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.