U.S. ARMY CORPS OF ENGINEERS

BORING NO. 92-185 DATE: BEGIN 8-01-92 PAGE 1 / 1
JOB NO. 146548 COMPLETE 8-01-92 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 & 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	BROWN	CLAY	MEDIUM STIFF		
		2	0.00	BROWN	"	VERY SOFT		+ GRAY 2'-6
5		3	0.25	"	"	SOFT		
		4	0.25	GRAY	CLAY	SOFT		
		5	1.75	"	"	STIFF		
10		6	0.5	"	"	MEDIUM STIFF		
		7	0.5	GRAY	"	"		BROWN 12'-14'
15		8	1.0	GRAY	"	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. 92-185

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		Gray,Clay,Medium stiff,w/sand seams	CH	34.8										0.40	
2	2-4	0.25		Brown,Clay,Soft	CH	39.0	80.6	112.1	63	25						0.13	0.29
3	4-6	0.25		Gray,Clay,Soft	CH	51.8										0.12	
4	6-8	0.25		Olive gray,Clay,Soft,w/sand seams and shell fragments	CH	44.3	75.6	109.2	61	23						0.13	0.26
5	8-10	0.50		Olive gray,Clay,Medium stiff	CH	46.0										0.25	
6	10 - 12	0.50		Gray,Clay,Medium stiff	CH	46.4										0.25	
7	12 - 14	0.50		Gray,Clay,Medium stiff	CH	37.8										0.25	
8	14 - 16	0.75		Gray,Clay,Medium stiff,w/ferrous nodules and very soft clay pockets	CH	29.6										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