U.S. ARMY CORPS OF ENGINEERS

BORING NO. 92-115 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 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	2.0	BROWN	CLAY	VERY STIFF		& GRAY 0'-18'
								-W/ Sa SM(S) 2'-4'
		2	2.0	"	"	"		
5		3	1.5	"	"	STIFF		- W/ Sa LAYER 4'-14'
		4	1.25	"	"	"		
		5	1.0	"	"	"		
10		6	2.75	"	"	VERY STIFF		
		7	2.5	BROWN	CLAY	"		
15		8	1.75	"	"	STIFF		
		9	1.75	"	"	"		-W/ Sa LAYER 17½-18½
		10	1.0	GRAY	CLAY	STIFF		
20		11	0.75	GRAY	CLAY	MEDIUM STIFF		
		12	0.5	"	"	"		
25		13	1.0	"	"	STIFF		
		14	1.0	"	"	"		& BROWN 26'-30'
		15	0.5	"		MEDIUM STIFF		
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. 92-115

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	4.5+		Gray,Clay,Hard,Sandy,w/sand seams&mica	CL	17.7											
2	2-4	1.25		Brown,Clay,Stiff,Sandy,w/sand seams	CL	22.1											
3	4-6	0.75		Brown,Clay,Medium stiff,w/ferrous stains&sand seams	CH	30.7	90.0	117.6	56	23							
4	6-8	0.75		Brown,Clay,Medium stiff,w/ferrous stains&sand seams	CH	26.7											
5	8-10	0.50		Brown,Clay,Medium stiff,w/sand seams&mica	CH	32.0											
6	10-12	3.50		Gray&brown,Clay,Very stiff,Sandy,w/sand seams &mica	CL	21.3											
7	12-14	0.50		Brown&gray,Clay,Medium stiff,Sandy,w/sand seams	CL	30.0	91.8	119.3	43	22							
8	14-16	0.75		Brown&gray,Clay,Medium stiff,Sandy,w/sand seams	CL	26.1											
9	16-18	1.25		Gray,Clay,Stiff	CH	38.0											
10	18-20	0.75		Gray,Clay,Medium stiff	CH	29.6	93.4	121.0	57	24							
11	20-22	1.25		Gray,Clay,Stiff	CH	35.1											
12	22-24	1.00		Gray,Clay,Stiff	CH	40.1											
13	24-26	1.25		Gray,Clay,Stiff	CH	36.3											
14	26-28	1.00		Gray,Clay,Stiff	CH	36.8											
15	28-30	1.00		Gray,Clay,Stiff	CH	31.5											

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