U.S. ARMY CORPS OF ENGINEERS

BORING NO. 92-130 DATE: BEGIN 6/23/92 PAGE 1 / 1
JOB NO. 146546 COMPLETE 6/23/92 Thin Walled Tube
PROJECT GIWW, near Sargent Beach, TX ☒ 3" ☐ 6"
LOCATION Sta. 104+00
ELEVATION OF HOLE
MANUFACTURER'S DESIGNATION OF DRILL RIG CFD-2 Marsh Buggy
GROUNDWATER: DEPTH 4.0 ft., ELEV. 6.6 ft., at end of Drilling
WEATHER Sunny
DRILLER Dempsey LOGGER Troy Mostamand

DEPTH, FEET	SAMPLE	SAMPLE NO.	PEN./TORVANE SPT.-BLOW COUNT	COLOR	MATERIAL TYPE	CONSIS-TENCY	SECONDARY CONSTITUENTS	STRUCTURAL FEATURES AND COMMENTS
0	X	1	1/1/1	Brown	Sand	V.loose	silt	
	X	2	1/2/2	Gray	Sand	loose	silt	-w/shell Fragments
5	X	3	1/2/3	Gray	Sand	loose	silt	-w/shell Fragments
	X	4	1/2/2	Gray	Sand	loose	silt	-w/shell Fragments
10								
	X	5	3/4/3	Gray	Sand	loose	silt	
15								clay @ 16'
		6	0.00	Brown	clay	V.Soft		
		7	0.00	Brown	clay	V. Soft		
20		8	1.00	Brown	clay	stiff		
		9	1.00	Brown	clay	stiff		-w/silt pattings
25		10	1.00	Brown	clay	stiff		
								Bottom of 92-130 @ 26'
30								
35								

GEOTEST ENGINEERING INC

SUMMARY OF LABORATORY TEST RESULTS

Project: Gulf Intracoastal Waterway near Sargent Beach, Texas
Contract No. DACW64-92-D-0001 Delivery Order No. 0020

Boring No. 92-130

S#	Depth (ft.)	PP (tsf)	SPT Blows per foot	Visual Classification	U S C	M C (%)	Dry Unit Wt. (pcf)	Wet Unit Wt. (pcf)	LL (%)	PL (%)	Mechanical Analysis % passing #4	#10	#40	#100	#200	Torvane Shear Strength (tsf)	qu (tsf)
1	0-1.5		2	Brown,Sand,Very loose,Silty	S M	22.1											
2	2.5-4		4	Gray,Sand,Loose,Silty,w/shell fragments	S M	26.4											
3	4.5-6		5	Gray,Sand,Loose,Silty,w/shell fragments	S M	25.4											
4	8.5-10		4	Gray,Sand,Loose,w/shell fragments	S P	25.4					99.6	99.4	97.6	24.4	1.1		
5	13.5-15		7	Gray,Sand,Loose,Silty,w/shell fragments	S M	28.6											
6	16-18	0.00		Brown,Clay,Very soft	C H	43.7											
7	18-20	0.00		Brown,Clay,Very soft	C H	53.4 69.8	58 ~~78~~	110	82	30						c = 100 #/sf	
8	20-22	1.25		Brown,Clay,stiff	C H	40.2											
9	22-24	1.25		Brown,Clay,Stiff,w/silt parting	C H	40.2	80.2	112.5	78	29	100.0	100.0	100.0	100.0	99.9		
10	24-26	1.50		Brown,Clay,Stiff	C H	40.0											

S#: Sample Number, PP: Pocket Penetrometer Reading, USC: Unified Soil Classification, MC: Moisture Content
qu: Unconfined Compressive Strength, WOH: Weight of Hammer, WOP: Weight of Pipe

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