U.S. ARMY CORPS OF ENGINEERS

BORING NO. 92-121 * DATE: BEGIN 6/24/92 PAGE 1 / 1
JOB NO. 146546 COMPLETE 6/24/92 Thin Walled Tube
PROJECT GIWW, near Sargent Beach, TX ☒ 3" ☐ 6"
LOCATION Sta 81+50 114'-RIGHT
ELEVATION OF HOLE
MANUFACTURER'S DESIGNATION OF DRILL RIG CFD-2 Marsh Buggy
GROUNDWATER: DEPTH 3.00 ft., ELEV. 6.0 ft., at end of Drilling
WEATHER Sunny & Hot
DRILLER Dempsy LOGGER Iraj Mostamand

DEPTH, FEET	SAMPLE	SAMPLE NO.	PEN./TORVANE SPT.-BLOW COUNT	COLOR	MATERIAL TYPE	CONSISTENCY	SECONDARY CONSTITUENTS	STRUCTURAL FEATURES AND COMMENTS
0		1	0.25	Gray	clay	soft		w/sand layer
		2	1.25	Gray	clay	stiff		
5		3	1.00	Gray	clay	stiff		
		4	0.75	Gray	clay	M. stiff		
		5	1.00	Gray	clay	stiff		
10		6	0.00	Gray	clay	V. soft		
		7	0.00	Gray	clay	V. soft	Sand	sample Bulge on extrusion 12-14' sand
15	X	8	1/1/1	Gray	Sand	V. loose	silt	
20	X	9	1/2/1	Gray	Sand	V. loose	silt	
	X	10	1/2/2	Gray	Sand	Loose	silt	
25								Bottom of 92-121 @ 25'
								* This Boring was marked 92-121 in The field → correct
30								
35								

SUMMARY OF LABORATORY TEST RESULTS

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

Boring No. 92-121

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	0-2	0.50		Gray,Clay,Medium stiff,w/sand pockets and roots	C H	27.7											
2	2-4	1.00		Gray,Clay,Stiff,w/roots	C H	31.9											
3	4-6	1.25		Gray,Clay,Stiff,w/calcareous nodules	C H	25.0											
4	6-8	1.25		Gray,Clay,stiff,w/calcareous nodules and ferrous stains	C H	31.7	88.5	116.5	66	26							
5	8-10	1.00		Gray,Clay,stiff,w/ferrous stains	C H	31.5											
6	10-12	0.00		Gray,Clay,Very soft Q-TEST (WHERE IS OUT)	C H	30.1	92		52	17							
7	12-14	0.00		Gray,Clay,Very soft,w/sand pockets	C H	32.8	87.0	115.6	50	20	100.0	99.8	99.5	98.7	92.9		
8	14.5-16		2	Gray,Sand,Very loose,Silty	S M	29.5											
9	18.5-20		3	Gray,sand,Very loose,Silty	S M	28.4					100.0	100.0	100.0	95.9	29.9		
10	23.5-25		4	Gray,Sand,Loose,Silty	S M	27.1											

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

GEOTEST ENGINEERING, INC.