

DEPTH, FEET	SAMPLE NO.	PEN./TORVANE SPT.-BLOW COUNT	BORING NO. <u>92-117</u> DATE: BEGIN <u>6/24/92</u> PAGE <u>1, 1</u>			JOB NO. <u>146546</u> COMPLETE <u>6/24/92</u> Thin Walled Tube	
			PROJECT <u>GIWWI near Sargent Beach, TX</u>			☒ 3" ☐ 6"	
			LOCATION <u>Sta 77+00</u>			ELEVATION OF HOLE	
			MANUFACTURER'S DESIGNATION OF DRILL RIG <u>CFD-2 Marsh Buggy</u>				
			GROUNDWATER: DEPTH <u>4.00</u> ft., ELEV. <u>6.5</u> ft., at end of Drilling				
			WEATHER <u>SUNNY & Hot</u>				
			DRILLER <u>Dampsy</u>			LOGGER <u>Tray Mostamand</u>	
			COLOR	MATERIAL TYPE	CONSISTENCY	SECONDARY CONSTITUENTS	STRUCTURAL FEATURES AND COMMENTS
0	1	0.25	Gray	clay	Soft		-w/ roots & sand layer
	2	1.25	Gray	clay	stiff		
5	3	1.00	Gray	clay	stiff		-w/ sand layer
	4	0.50	Gray	clay	stiff med		
	5	0.25	Gray	clay	soft		
10	6	0.25	Gray	clay	soft		
	7	0.00	Gray	clay	V. soft		
15	8	0.00	Gray	clay	V. soft		
	9	0.00	Gray	clay	V. soft		
20	10	0.00	Gray	clay	V. soft		
	11	0.00	Gray	clay	V. soft		
	12	0.00	Gray	clay	V. soft		
25	13	0.00	Gray	clay	V. soft		
							Bottom of 92-117 @ 26'
30							
35							

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. 92-117

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					Torvane Shear Strength (tsf)	qu (tsf)
											#4	#10	#40	#100	#200		
1	0-2	0.50		Gray, Clay, Medium stiff, w/roots and sand layer	CH	33.4											
2	2-4	1.50		Gray, Clay, Stiff, w/sand pockets	CH	30.4	90.6	118.2	55	20	100.0	99.8	99.7	99.5	99.0		
3	4-6	1.50		Dark gray, Clay, Stiff, w/sand layer	CH	31.0											
4	6-8	0.75		Gray, Clay, Medium stiff, w/sand pockets	CH	24.4											
5 2	8-10	0.25		Gray, Clay, Soft	CH CL	27.1	96		38	15							C = 200 PSF
6	10-12	0.50		Gray, Clay, Medium stiff, w/sand pockets	CH CL	34.5											
7	12-14	0.00		Gray, Clay, Very soft	CH CL	27.2	94		34	15							C = 130 PSF
8	14-16	0.25		Gray, Clay, Soft, w/sand pockets	CH CL	33.1											1
9	16-18	0.00		Gray, Clay, Very soft	CH CL	30.5	92		36	16							C = 110 PSF
10	18-20	0.25		Gray, Clay, Soft, w/sand layer	CH CL	39.1											
11	20-22	0.00		Gray, Clay, Very soft	CH CL	45.6	76		42	16							C = 120 PSF
12	22-24	0.25		Gray, Clay, Soft, w/sand layer	CH CL	33.2											
13	24-26	0.00		Gray, Clay, Very soft	CH CL	37.2	85		40	16							C = 100 PSF

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.