

DEPTH, FEET	SAMPLE NO.	PEN./TORVANE	SPT.-BLOW COUNT	BORING NO. <u>91-269</u> DATE: BEGIN <u>1/1/91</u> PAGE <u>1/1</u>				
				JOB NO. <u>46-521</u> COMPLETE <u>1/1/91</u> Thin Walled Tube ☒ 3" ☐ 6"				
				PROJECT <u>G.I.W.W.</u>				
				LOCATION <u>Sargeant Beach St 6+50</u>				
				ELEVATION OF HOLE _____				
				MANUFACTURER'S DESIGNATION OF DRILL RIG <u>CFD-2</u>				
				GROUNDWATER: DEPTH <u>2</u> ft., ELEV. _____ ft., at end of Drilling				
				WEATHER <u>Clear</u>				
				DRILLER <u>P. Gracan</u> LOGGER <u>P. Crowell</u>				
				COLOR	MATERIAL TYPE	CONSISTENCY	SECONDARY CONSTITUENTS	STRUCTURAL FEATURES AND COMMENTS
0								
1	0.25			Gray	Clay	Soft	Silt	Fill
2	0.25			Gray	Clay	Soft	Silt	Fill
5	3	1.0		Tan	Clay	Stiff	Silt	
4	0.50			Gray	Clay	Medium Stiff	Silt	
10	5	1.0		Gray	Clay	Stiff	Silt	Tan
6	1.0			Gray	Clay	Stiff	Silt	Sand
7	1.0			Tan	Clay	Stiff	Silt	
15	8	1.0		Tan	Clay	Stiff	Silt	
9	0.50			Tan	Clay	Medium Stiff	Silt	Gray
10	0.50			Tan	Clay	"	Silt	Gray
11	1.0			Tan	Clay	Stiff	Silt	Gray
12	1.5			Tan	Clay	Stiff	Silt	Gray
25	13	0.25		Gray	Clay	Soft	Silt	Tan
14	0.50			Tan	Clay	Medium Stiff	Silt	Gray
15	1.0			Tan	Clay	Stiff	Silt	Gray
30								Bottom of 91-269 @ 30'
35								

Project : Gulf Intracoastal Waterway, near Sargent Beach, Texas
Contract No. DACW64-92-D-0001 Delivery No. 0005

SUMMARY OF LABORATORY TEST RESULTS

Boring No. 91-269

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)	LL (%)	P L (%)	Mechanical Analysis % Passing					Torvane Shear Strength (tsf)	q u (tsf)
											#4	#10	#40	#100	#200		
1	0-2	0.75		Brown,Clay,Medium stiff	CH	30.7										0.35	
2	2-4	0.75		Brown,Clay,Medium stiff	CH	37.8			59	23						0.35	
3	4-6	1.00		Brown,Clay,Stiff,w/sand pockets	CH	28.2											
4	6-8	1.00		Brown,Clay,Stiff	CH	36.0											
5	8-10	0.50		Dark brown,Clay,Medium stiff	CH	55.9											
6	10-12	0.75		Grayish brown,Clay,Medium stiff	CH	38.4											
7	12-14	0.75		Brown,Clay,Medium stiff	CH	41.6			69	27							
8	14-16	1.00		Brown,Clay,Stiff	CH	31.3											
9	16-18	0.75		Brown,Clay,Medium stiff	CH	39.8										0.35	
10	18-20	1.00		Brown,Clay,Stiff	CH	43.2			69	27						0.50	
11	20-22	1.25		Brown,Clay,Stiff	CH	40.8										0.55	
12	22-24	1.25		Brown,Clay,Stiff	CH	37.2											
13	24-26	0.75		Grayish brown,Clay,Medium stiff	CH	44.1											
14	26-28	0.75		Brown,Clay,Medium stiff	CH	38.2											
15	28-30	1.00		Brown,Clay,Stiff	CH	47.4											

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