U.S. ARMY CORPS OF ENGINEERS

BORING NO. 92-50 DATE: BEGIN 7-31-92 PAGE 1 / 1
JOB NO. 146549 COMPLETE 7-31-92 Thin Walled Tube
PROJECT Disposal Area For channel to victoria ☑ 3" ☐ 6"
LOCATION Near Seadrift, Tx
ELEVATION OF HOLE
MANUFACTURER'S DESIGNATION OF DRILL RIG Ardco Failing Buggy
GROUNDWATER: DEPTH 8.00 ft., ELEV. ____ ft., at end of Drilling
WEATHER Sunny & Hot
DRILLER Mark Thornton LOGGER Fray Mostamand

DEPTH, FEET	SAMPLE	SAMPLE NO.	PEN./TORVANE SPT.-BLOW COUNT	COLOR	MATERIAL TYPE	CONSIS-TENCY	SECONDARY CONSTITUENTS	STRUCTURAL FEATURES AND COMMENTS
0		1	4.5t	DK. Gray	clay	Hard		-w/ roots
		2	0.50	Gray	clay	M-stiff		-w/calc nod
5		3	0.50	Gray & V. Brown	clay	M-stiff		-w/calc nod & rest
		4	3.25	Gray & V. Brown	clay	V-stiff	silt	-w/calc nod & rest
		5	NA	Gray	Sand		silt	
10		6	6/17/9	Gray	Sand	M. Dense	silt	
		7	8/11/12	Gray	Sand	M. Dense	silt	
15								
		8	8/16/20	Gray	Sand	Dense		
20								Bottom of 92-50 @ 20'
25								
30								
35								

GEOTEST ENGINEERING, INC.

SUMMARY OF LABORATORY TEST RESULTS

Project: Proposed new Disposal area for channel to victoria project, near Seadrift, Texas
Contract No. DACW64-92-D-0001 Delivery Order No. 0023

Boring No. 92-50

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	3.50		Dark gray,Clay,Very stiff,w/roots	C H	26.6											
2	2-4	0.75		Gray,Clay,Medium stiff,w/calcareous nodules and sand pockets	C H	37.1	84.5	115.9	66	26	100.0	99.7	98.2	96.2	95.3	0.40	
3	4-6	1.50		Gray&Yellowish gray,Clay,Stiff,w/calcareous and ferrous nodules	C H	30.2										0.75	
4	6-8	4.5+		Gray&Yellowish gray,Clay,Hard,Silty,w/calcareous nodules and ferrous stains	C L	18.5											
5	8-10			Gray,Sand,Medium dense,Silty	S M						100.0	99.9	99.6	67.9	18.7		
6	10.5-12		16	Gray,Sand,Medium dense,Silty	S M												
7	13.5-15		23	Gray,Sand,Medium dense,Silty	S M												
8	18.5-20		36	Gray,Sand,Dense,Silty	S M												

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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