U.S. ARMY CORPS OF ENGINEERS

BORING NO. 95-176 DATE: BEGIN 8-8-95 PAGE 1 / 1
JOB NO. 94G799-20 COMPLETE 8-8-95 Thin Walled Tube
PROJECT Channel To Victoria ■ 3" □ 6"
LOCATION Disposal Area No. 9
ELEVATION OF HOLE
MANUFACTURER'S DESIGNATION OF DRILL RIG K4X4, C-1000, Marsh Buggy
GROUNDWATER: DEPTH * ft., ELEV. ____ ft., at end of Drilling
WEATHER Sunny & Hot
DRILLER David Gregurek 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	4.5t	Dk. gray	Clay	Hard		-w/roots
		2	3.00	Gray	Clay	V. stiff		-w/roots
5		3	0.75	Gray	Clay	M. stiff		-w/Blocky structure
		4	0.25	Gray	Clay	Soft		
		5	0.25	Gray	Clay	Soft		
10		6	0.00	Yellowish gray	Clay	V. soft	Silty	-w/silt layer
		7	0.00	Yellowish gray	Clay	V. soft	Silty	-w/silt layer
15		8	0.00	Gray	Clay	V. soft	Silty	-w/Sa Sms & Shell Fragments
	J	9	0.00	Gray	Clay	V. soft	Silty	-w/Sa Sms & Shell Fragments
		10	0.00	Gray	Clay	V. soft	Sandy	-w/shell & shell Fragments
20	X	11	2 3 2	Gray	Sand	loose	Silty	-w/shell Fragments
25	X	12	3 3 2	Gray	Sand	loose	Silty	-w/shell Fragments
								J: Jar Sample
30								Drilling Fluid lost after drilling @ 0'-8½"
35								

GEOTEST ENGINEERING, INC.

Project: ...annel to Victoria project
Victoria, Texas
Contract No. DACW64-94-D-0015 Delivery Order No. 0025

SUM... ...Y OF LABORATORY TEST RESULTS

Boring No. 95-176

S #	Depth (ft)	P P (tsf)	SPT Blows per Foot	Visual Classification	U S C	Mc (%)	Dry Unit Wt (pcf)	Wet Unit Wt (pcf)	L L (%)	PL (%)	Mechanical Analysis % Passing #4	#10	#40	#100	#200	Torvane Shear Strength (tsf)	q u (tsf)
1	0 - 2	4.50+		Clay,w/roots,Hard,Dark gray	CH	23.8											
2	2 - 4	3.00		Clay,w/roots,Very stiff,Gray	CH	32.2											
3	4 - 6	0.75		Clay,w/blocky structure,Medium stiff,Gray	CH	41.5	77.0	109.0	80								
4	6 - 8	0.25		Clay,Soft,Gray	CH	39.8											
5	8 - 10	0.25		Clay,Soft,Gray	CH	35.1											
6	10 - 12	0.00		Silty Clay,w/silt layer,Very soft,Yellowish gray	C L	41.9											
7	12 - 14	0.00		Silty Clay,w/silt layer,Very soft,Yellowish gray	C L	44.4	76.9	111.1	46								
8	14 - 16	0.00		Silty Clay,w/sand seams & shell fragments, Very soft,Gray	CL	50.0											
9	16 - 18	0.00		Silty Clay,w/sand seams & shell fragments, Very soft,Gray	CL	Disturbed Sample											
10	18 - 20	0.00		Sandy Clay,w/shell & shell fragments,Very soft, Gray	C L	35.0											
11	20-21.5		5	Silty Sand,w/shell fragments,Loose,Gray	SM												
12	24.5-26		5	Silty Sand,w/shell fragments,Loose,Gray	SM												

S # : Sample Number, P P : Pocket Penetrometer Reading, U S C : Unified Soil Classifcation, M c : Moisture Content
q u : Uncogined Compressive Strength, W O H : Weight of hammer, W O P : Weight of Pipe