U.S. ARMY CORPS OF ENGINEERS

BORING NO. 95-175 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	CONSIS-TENCY	SECONDARY CONSTITUENTS	STRUCTURAL FEATURES AND COMMENTS
0		1	4.5t	DK gray	clay	Hard		-w/roots
		2	3.50	Gray	Clay	V. stiff		
5		3	0.75	Gray	Clay	M. stiff		- w/Fest & Blocky structure
		4	0.50	Gray	clay	M. stiff		-w/Blocky structure, slickensid
		5	1.00	Gray	clay	stiff		-w/Blocky structure, SLS
10		6	0.00	Gray	clay	V. soft	silty	-w/Sapkts & Sa sms
		7	0.00	Gray	Clay	V. soft	silty	-w/sapkts & Sa sms
15		8	0.00	Gray	clay	V. soft	silty	-w/Sa pkts & Sa sms & shell Frag
		9	0.00	Gray	clay	V. soft	silty	" " " " " "
		10	0.00	Gray	clay	V. soft		-w/Sa sms & shell Fragments
20		11	0.00	Gray	clay	V. soft		-w/Sa sms & shell Fragments
		12	0.00	Gray	clay	V. soft	Sandy	-w/Sa sms & shell Fragments & organic material
25		13	0.00	Gray	clay	V. soft	Sandy	-w/Sa sms & shell Fragments & organic material
								Drilling Fluid after drilling @ 0'-3"
30								
35								

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

SUMMARY OF LABORATORY TEST RESULTS

Boring No. 95-175

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	36.1											
2	2 - 4	3.50		Clay,Very stiff,Gray	CH	38.5											
3	4 - 6	0.75		Clay,w/ferrous stains & blocky structure, Medium stiff,Gray	CH	43.3	78.2	112.0	82								
4	6 - 8	0.50		Clay,w/blocky structure,slickensided,Medium stiff,Gray	CH	40.5											
5	8 - 10	1.00		Clay,w/blocky structure,slickensided,Stiff, Gray	CH	39.6											
6	10 - 12	0.00		Silty Clay,w/sand seams & sand pockets, Very soft,Gray	CL	33.7											
7	12 - 14	0.00		Silty Clay,w/sand seams & sand pockets, Very soft,Gray	CL	33.5	87.5	116.8	48								
8	14 - 16	0.00		Silty Clay,w/sand seams & sand pockets & shell fragments,Very soft,Gray	C L	33.3											
9	16 - 18	0.00		Silty Clay,w/sand seams & sand pockets & shell fragments,Very soft,Gray	C L	31.9											
10	18 - 20	0.00		Clay,w/sand seams & shell fragments,Very soft,Gray	CH	36.4											
11	20 - 22	0.00		Clay,w/sand seams & shell fragments,Very soft,Gray	CH	41.1											
12	22 - 24	0.00		Sandy Clay,w/sand seams & shell fragments & organic material,Very soft,Gray	C L	29.9											
13	24 - 26	0.00		Sandy Clay,w/sand seams & shell fragments & organic material,Very soft,Gray	C L	32.3											

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