U.S. ARMY CORPS OF ENGINEERS

BORING NO. 95-187 DATE: BEGIN 8-6-95 PAGE 1 / 1
JOB NO. 946799-20 COMPLETE 8-6-95 Thin Walled Tube
PROJECT Channel To Victoria ■ 3" □ 6"
LOCATION Disposal Area No. 10
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	1.50	Dk. gray	clay	stiff		-w/roots
		2	1.25	Gray	Clay	stiff		
5		3	1.00	Dk gray	clay	stiff		-w/organic material
		4	1.00	Gray	clay	stiff		-w/Fe st & blocky structure, slickensided
		5	1.00	Gray	clay	stiff		-w/Fe st & Blocky structure, slickensided
10		6	1.00	Gray	clay	stiff		-w/Fe st & Blocky structure, slickensided
		7	1.25	Gray	clay	stiff		-w/Fe nod & Blocky structure, SLS
15		8	1.25	Gray	clay	stiff		-w/Fe nod & Blocky structure, SLS
		9	1.00	Gray	clay	stiff		-w/Fe nod & Blocky structure, SLS
		10	1.25	Gray	clay	stiff		-w/Fe nod & Blocky structure, SLS
20		11	1.25	Gray	clay	stiff		-w/Fe nod & Blocky structure, SLS
		12	0.50	Gray	Clay	M. stiff	Sandy	
25		13	0.50	Gray	Clay	M. stiff	Sandy	
30								* Drilling fluid level after drilling @ 0-9"
35								

GEOTEST ENGINEERING, INC.

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

SUMMARY OF LABORATORY TEST RESULTS

Boring No. 95-187

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	1.50		Clay,w/roots,Stiff,Dark gray	CH	37.8											
2	2 - 4	1.25		Clay,w/organic material,Stiff,Gray	CH	41.9	73.3	104.1	102	36	100.0	100.0	98.4	90.2	84.9		1.27
3	4 - 6	1.00		Clay,w/organic material,Stiff,Dark gray	CH	45.7											
4	6 - 8	1.00		Clay,w/organic material & blocky structure, slickensided,Stiff,Gray	CH	45.4											
5	8 - 10	1.00		Clay,w/ferrous stains & blocky structure, slickensided,Stiff,Gray	CH	40.2	81.0	113.6	87								
6	10 - 12	1.00		Clay,w/ferrous stains & blocky structure, slickensided,Stiff,Gray	CH	33.4											
7	12 - 14	1.25		Clay,w/ferrous nodules & blocky structure, slickensided,Stiff,Gray	CH	31.5											
8	14 - 16	1.25		Clay,w/ferrous nodules & blocky structure, slickensided,Stiff,Gray	CH	29.5											
9	16 - 18	1.00		Clay,w/ferrous nodules & blocky structure, slickensided,Stiff,Gray	CH	32.3											
10	18 - 20	1.25		Clay,w/ferrous nodules & blocky structure, slickensided,Stiff,Gray	CH	34.5	85.4	114.8	68								
11	20 - 22	1.25		Clay,w/ferrous nodules & blocky structure, slickensided,Stiff,Gray	CH	29.8											
12	22 - 24	0.50		Sandy Clay,Medium stiff,Gray	CL	27.5											
13	24 - 26	0.50		Sandy Clay,Medium stiff,Gray	CL	30.5											

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