U.S. ARMY CORPS OF ENGINEERS

BORING NO. 95-189 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	3.75	Dk gray	Clay	v.stiff		-w/roots
		2	3.25	Gray	Clay	v.stiff		-w/roots
5		3	2.25	Gray	Clay	v.stiff		-w/Blocky structure & roots
		4	1.00	Gray	Clay	stiff		-w/Blocky structure, slickensided
		5	1.00	Gray	Clay	stiff		-w/Fe st & Blocky structure, SLS
10		6	1.25	Gray	Clay	stiff		-w/Fe nod & Blocky structure, SLS
		7	1.50	Gray	Clay	stiff		-w/Fe nod & Blocky structure, SLS
15		8	1.25	Gray	Clay	stiff		-w/Fe nod & Blocky structure, SLS
		9	1.25	Gray	Clay	stiff		-w/Fe nod & Blocky structure, SLS
		10	1.25	Yellowish gray	Clay	stiff		-w/Fe nod & Blocky structure, SLS
20		11	1.25	Yellowish gray	Clay	stiff		-w/Fe nod & Blocky structure, SLS
		12	0.50	Gray	Clay	M.stiff	Sandy	-w/sa sms
25		13	0.25	Gray	Clay	soft	Sandy	-w/sa sms
30								* drilling Fluid after drilling @ 1'-6"
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. 95-189

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	3.75		Clay,w/roots,Very stiff,Dark gray	CH	33.8											
2	2 - 4	3.25		Clay,w/roots,Very stiff,Dark gray	CH	39.1	77.2	107.4	90								
3	4 - 6	2.25		Clay,w/blocky structure & roots,Very stiff,Gray	CH	35.0											
4	6 - 8	1.00		Clay,w/blocky structure,slickensided,Stiff,Gray	CH	40.7											
5	8 - 10	1.00		Clay,w/ferrous stains & blocky structure, slickensided,Stiff,Gray	CH	39.3	81.7	113.8	80								
6	10 - 12	1.25		Clay,w/ferrous nodules & blocky structure, slickensided,Stiff,Gray	CH	33.4											
7	12 - 14	1.50		Clay,w/ferrous nodules & blocky structure, slickensided,Stiff,Gray	CH	33.9											
8	14 - 16	1.25		Clay,w/ferrous nodules & blocky structure, slickensided,Stiff,Gray	CH	31.7											
9	16 - 18	1.25		Clay,w/ferrous nodules & blocky structure, slickensided,Stiff,Gray	CH	32.5	90.3	119.6	62								
10	18 - 20	1.25		Clay,w/ferrous nodules & blocky structure, slickensided,Stiff,Yellowish gray	CH	31.9											
11	20 - 22	1.25		Clay,w/ferrous nodules & blocky structure, slickensided,Stiff,Yellowish gray	CH	39.1											
12	22 - 24	0.50		Sandy Clay,w/sand seams,Meidum stiff,Gray	CL	45.3											
13	24 - 26	0.25		Sandy Clay,w/sand seams,Soft,Gray	CL	30.9											

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