U.S. ARMY CORPS OF ENGINEERS

BORING NO. 91-232 DATE: BEGIN 1-18-92 PAGE 1 / 1
JOB NO. 14G532 COMPLETE 1-18-92 Thin Walled Tube
PROJECT Victoria Channel ☑ 3" ☐ 6"
LOCATION " " West Bank - STA 640+00
ELEVATION OF HOLE
MANUFACTURER'S DESIGNATION OF DRILL RIG Mayhew 200
GROUNDWATER: DEPTH Surface ft., ELEV. ft., at end of Drilling
WEATHER Cloudy - Cool - Rain
DRILLER C. Ward LOGGER T. Berg

DEPTH, FEET	SAMPLE	SAMPLE NO.	PEN./TORVANE SPT.-BLOW COUNT	COLOR	MATERIAL TYPE	CONSISTENCY	SECONDARY CONSTITUENTS	STRUCTURAL FEATURES AND COMMENTS
0		1	1.25	TAN	CLAY	soft	Sand	
		2	0	"	"	very soft	"	Couldn't wrap (MADE A TAR)
5		3	WOH	GRAY	"	STIFF	Sand	
		4	WOH	"	"	very soft	"	N.R. with Barrel Sample @ 8'
10		5	1/1/1	GRAY	Sand	very Loose		w/ Shell Frag
15		6	3/7/11	GRAY	SAND	med Dense		w/ Shell Frag
		7	1.25	GRAY	clay	STIFF		cl. at 18'
20		8	4.25	"	"	hard		w/cale. Nod
		9	3.75	TAN GRAY	clay	very STIFF		w/ " "
25		10	4.0	"	"	"		w/ CALC Nod
		11	4.5	TAN GRAY	clay	hard		w/ " "
30		12	2.75	"	"	very STIFF		w/CALC. Nod
								Bottom of 91-232
35								W.O.H: weight of Hammer ?D'

Project : Channel to Victoria . Victoria, Texas
Contract No. DACW64-D-92-0001 Delivery order No. 0006

SUMMARY OF LABORATORY TEST RESULTS

Boring No. 91-232

S #	Depth (ft)	P P (tsf)	SPT Blows per Foot	Visual Classification	U S C	M c (%)	Dry Unit Wt (pcf)	Wet Unit Wt (pcf)	L L (%)	P L (%)	Mechanical Analysis % Passing					Torvane Shear Strength (tsf)	q u (tsf)
											#4	#10	#40	#100	#200		
1	0-2	0.25		Gray,Clay,Soft,Sandy,w/shell fragments	CL	19.6			49	19							
2	2-4	0.00		Gray,clay,Very soft,Sandy,w/shell fragments	CL	24.9											
3	4-6	1.75		Dark gray,Clay,Stiff,w/organic material	OH	57.3											
4	6-8	0.00		Gray,Clay,Very soft,w/organic material	OH	66.0											
5	8.5-10		1-12"/1	Gray,Sand,very loose,Silty,w/shell fragments	S M												
6	13.5-15		18	Gray,Sand,Medium dense,Silty,w/shell fragments	S M						92.7*	92.1*	91.4	73.0	24.8		
7	18-20	1.75		Gray,Clay,Stiff,w/silt seams	CH	31.8											
8	20-22	2.25		Yellowish brown,Clay,Very stiff,w/calcareous nodules,slickensided	CH	22.7											
9	22-24	2.00		Yellowish brown,Clay,Very stiff,w/calcareous nodules,slickensided	CH	24.3			61	22							
10	24-26	2.50		Yellowish brown,Clay,Very stiff,w/calcareous nodules,slickensided	CH	23.7											
11	26-28	4.5+		Yellowish brown,Clay,Hard,w/calcareous nodules	CH	20.0											
12	28-30	2.00		Yellowish brown,Clay,Very stiff,Sandy,w/calcareous nodules	CL	17.8											

S # : Sample Number, P P : Pocket Penetrometer Reading, U S C : Unified Soil Classification, M c : Moisture Content
q u : Unconfined Compressive Strength, W O H : Weight of hammer, W O P : Weight of pipe
* :Material Retained are Shell fragments