U.S. ARMY CORPS OF ENGINEERS

BORING NO. 91-227 DATE: BEGIN 12-11-91 PAGE 1 / 1
JOB NO. 146532 COMPLETE 12-11-91 Thin Walled Tube
PROJECT Victoria Channel ☑ 3" ☐ 6"
LOCATION " West Bank. STA ~720+00
ELEVATION OF HOLE
MANUFACTURER'S DESIGNATION OF DRILL RIG Mayhew 200
GROUNDWATER: DEPTH 1'2" ft., ELEV. .. ft., at end of Drilling
WEATHER Cool - Cloudy - Foggy
DRILLER S. 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								
JAR	X	1	2/4/3	GRAY	Shell	Loose	clay	
JAR	X	2	1/2/2	"	"	"	"	
5								
JAR	X	3	1-12"/1	Gray	Silt	Very Loose	clay	w/shells Frag. Cl. Si. at 4'
JAR	X	4	WOH	"	"	"	"	w/shell Frag
JAR	X	5	WOH	"	"	"	"	w/ " "
10								
JAR	X	6	WOH	"	"	"	"	w/shell Frag
15								
JAR	X	7	WOH	"	"	"	"	w/ " "
20								
JAR	X	8	1-12"/1	"	"	"	"	w/shell Frag.
25								
JAR	X	9	1-12"/1	"	"	"	"	
30				—	—	—	—	—
								B. Hole of 91-227 30'
35								

GEOTEST ENGINEERING, INC.

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

SUMMARY OF LABORATORY TEST RESULTS

Boring No. 91-227

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	.5-2		5	Gray,Shell,Loose,Sandy	GP												
2	2.5-4		4	Gray,Shell,Loose,Sandy	GP												
3	4.5-6	0.00	1	Gray,Clay,Very soft,Sandy,w/shell fragments & roots	C L	53.4											
4	6.5-8	0.00	W.O.H	Gray,Clay,Very soft,sandy,w/shell fragments	C L	46.7			34	18	100.0	99.6	98.7	94.4	80.7		
5	8.5-10		W.O.H	Gray,Silt,Very loose,Sandy,w/shell fragments & clay seams	M L	42.1											
6	13.5-15		W.O.H	Gray,Silt,Very loose,Sandy,w/shell fragments & clay seams	M L	45.9											
7	18.5-20		W.O.H	Gray,Silt,Very loose,Sandy,w/shell fragments & clay seams	M L	38.0											
8	23.5-25		1	Gray,Silt,Very loose,Sandy,w/shell fragments & clay seams	ML-CL	36.3			23	17	97.1*	88.6*	85.7	76.6	48.0		
9	28.5-30		1	Gray,Silt,Very loose,Sandy,w/shell fragments & clay seams	M L	36.7											

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