

DEPTH, FEET	SAMPLE NO.	SAMPLE NO.	PEN./TORVANE	SPT.-BLOW COUNT	BORING NO. <u>90-51</u>		DATE: BEGIN <u>06/17/90</u>		COMPLETE <u>06/17/90</u>		
					JOB NO. <u>146404</u>		LOGGER <u>Aris</u>		PAGE <u>2 / 3</u>		
					PROJECT <u>Victoria Ship Channel</u>						
					LOCATION/STATION/ELEVATION: <u>Sta. 325+00 / EL. + 2.00' M.T.</u>						
					DEPTH: AUGERED _____		WASHED <u>22'</u>		CORED _____		
					GROUNDWATER READINGS						
					TIME	DEPTH	TIME	DEPTH	TIME	DEPTH	
					FIRST						
					CONSISTENCY	COLOR	MINOR	MAJOR	MODIFICATION		
0		1	0.25	V/soft	tan	Silty	CLAY				
		2	0.25	"	"	"	"				
5		3	0.25	"	"	"	"	- Disturbed sample; 3"			
		4	0.25	"	"	"	"	- w/shells			
		5	0.25	"	"	"	"	- Disturbed sample; 10"			
10								- No Recovery			
		6	0.25	V/soft	gray	Silty	CLAY	- Jar sample			
15		7	0.25	"	"	"	"	- Jar sample			
		8	0.25	"	"	"	"	"			
		9	0.25	"	"	"	"	- w/shells; disturbed sample; 11"			
20		10	0.25	"	"	"	"				
								Bottom of Boring			
25											

CONTINUED: ☐ YES ☒ NO

Project : CHANNEL TO VICTORIA
VICTORIA, TEXAS

SUMMARY OF LABORATORY TEST RESULTS

Boring No. 90-51

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)	LL (%)	PL (%)	Mechanical Analysis % Passing					Torvane Shear Strength (tsf)	q u (tsf)
											#4	#10	#40	#100	#200		
1	0 - 2	0.00		Gray, CLAY, very soft, with shell fragments	CH	93.5											
2	2 - 4	0.00		Gray, CLAY, very soft, with shell fragments	CH	64.7	59.1	97.4	54	18	100.0	99.0	96.6	95.4	87.3		
3	4 - 6	0.00		Gray, CLAY, very soft, with shell fragments	CH	77.4											
4	6 - 8	0.00		Gray, CLAY, very soft, with shell fragments	CH	65.0	63.1	104.1	72		98.6	97.3	94.1	92.3	86.3		
5	8 - 10	0.00		Gray, CLAY, very soft, with sand and shell fragments	CH	70.6					98.2	96.4	93.4	91.6	85.4		
6	12 - 14	0.00		Gray, CLAY, very soft, with shell fragments	CH	59.7											
7	14 - 16	0.00		Gray, CLAY, very soft, with shell fragments	CH	67.8											
8	16 - 18	0.00		Gray, CLAY, very soft, with shell fragments	CH	70.7											
9	18 - 20	0.00		Gray, CLAY, very soft, with shell fragments	CH	56.2											
10	20 - 22	0.00		Gray, CLAY, very soft, with shell fragments	CH	54.0											

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