

U.S. ARMY CORPS OF ENGINEERS
GEOTECHNICAL BORING DATA

BKM

PROJECT NAME Victoria Ship Channel

LOG OF BORING NO. 90-48

LOCATION / STATION 280+00

DATE / TIME STARTED 05/12/90 12:00 noon

DATE / TIME COMPLETED " 1:00 pm

TIDE ELEVATION + 2.00' MLT DATUM

WATER DEPTH 6.00' -4

DEPTH FROM WATER SURFACE
TO BOTTOM OF BORING 27.00'

WEATHER Clear & Sunny

DRILL RIG MANUFACTURE
MODEL NO. CF-5

DRILLER Dempsey Seaman
LOGGER Ans Lazaridis

DRILLER'S / LOGGER'S COMMENTS —

DEPTH, FEET		SAMPLE NO.	PEN./TORVANE	BORING NO. <u>90-48</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. 280+20 / El. + 2.00 MLT</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	Gray	Silt	CLAY	—	
	2 WOP	—	"	"	"	—	
5	3 0.25	V/soft	"	"	"	- w/shells	
	4 0.25	"	"	"	"	- w/shells; 3" sample	
	5 0.25	"	"	"	"	- w/shells	
10	6 0.25	"	"	"	"		
	7 0.25	"	"	"	"		
15	8 0.25	"	"	"	"	- w/shells; 9" sample	
	9 0.25	"	"	"	"	- w/shells; 7" sample	
	10 0.25	"	"	"	"	- w/shells; 7" sample	
20	11 0.25	"	"	"	"	- w/shells	
25						Bottom of Boring	

CONTINUED: ☐ YES ☒ NO

Project : CHANNEL TO VICTORIA
VICTORIA, TEXAS

SUMMARY OF LABORATORY TEST RESULTS

Boring No. 90-48

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 (%)	P L (%)	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 silt	CH	67.3											
2	2 - 3.5	0.00	WOP	Gray, CLAY, very soft, with silt	CH	132.9			55	23	100.0	100.0	100.0	100.0	100.0		
3	4 - 6	0.00		Gray, CLAY, very soft, with silt and shell fragments	CH	100.8	52.2	104.7								0.05	
4	6 - 8	0.00		Gray, CLAY, very soft, with silt and shell fragments	CH	79.7											
5	8 - 10	0.25		Gray, SILTY CLAY, very soft, with shell fragments	CL	60.0											
6	10 - 12	0.25		Gray, SILTY CLAY, very soft, with shell fragments	CL	53.0	70.3	107.6	48	20						0.05	
7	12 - 14	0.25		Gray, SILTY CLAY, very soft, with shell fragments	CL	59.1											
8	14 - 16	0.00		Gray, SILTY CLAY, very soft, with shell fragments	CL	39.3											
9	16 - 18	0.00		Gray, SILTY CLAY, very soft, with shell fragments	CL	48.0											
10	18 - 20	0.00		Gray, SILTY CLAY, very soft, with shell fragments	CL	35.3											
11	20 - 22	0.00		Gray, SILTY CLAY, very soft, with shell fragments	CL	33.3											

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