BKM

U.S. ARMY CORPS OF ENGINEERS
GEOTECHNICAL BORING DATA

PROJECT NAME: Victoria Ship Channel

LOG OF BORING NO.: 90-58

LOCATION / STATION: 430 + 00

DATE / TIME STARTED: 05/13/90 @ 2:40 pm
DATE / TIME COMPLETED: " " 3:35 "

TIDE ELEVATION: +2.50' MLT DATUM

WATER DEPTH: 2.50' 0

DEPTH FROM WATER SURFACE TO BOTTOM OF BORING: 27.50'

WEATHER: Warm & Cloudy

DRILL RIG MANUFACTURE MODEL NO.: CF-5

DRILLER: Dempsey Jones
LOGGER: Iraj Mostumand

DRILLER'S / LOGGER'S COMMENTS: —

BORING NO. 90-58 DATE: BEGIN 06/18/90 COMPLETE 06/18/90
JOB NO. 146404 LOGGER Iraj PAGE 213
PROJECT Victoria Ship Channel
LOCATION/STATION/ELEVATION: Sta. 430+00/El. +2.50' MLT

DEPTH: AUGERED ____ WASHED 25' CORED ____

GROUNDWATER READINGS

TIME	DEPTH	TIME	DEPTH	TIME	DEPTH
FIRST					

DEPTH, FEET	SAMPLE	SAMPLE NO.	PEN./TORVANE SPT.-BLOW COUNT	CONSISTENCY	COLOR	MINOR	MAJOR	MODIFICATION
0		1	WOP	V/Loose	Gray		SAND	-w/shell's & thin Layer of Brown Clay; jar sample
		2	0.25	V/Soft	"		CLAY	- w/shell's; jar sample
5		3	0.25	"	"	Clayey	SAND	"
		4	0.25	"	"	"	"	"
		5	0.25	"	"	"	"	"
10			—	—	—	—	—	- No Recovery
			—	—	—	—	—	"
15		6	3.00	V/Stiff	Brown		CLAY	- 5" sample
		7	3.00	"	"		"	- w/sand partings; 8" sample
		8	3.00	"	"		"	- w/sand partings; 9" sample
20		9	3.00	"	"		"	- w/sand pockets; 8" sample
		10	3.00	"	"		"	- w/sand pockets; 7" sample
		11	3.00	"	"		"	- w/sand pockets; 8.5" sample
25								Bottom of Boring

CONTNUED: ☐ YES ☒ NO

Project : CHANNEL TO VICTORIA
VICTORIA, TEXAS

SUMMARY OF LABORATORY TEST RESULTS

Boring No. 90-58

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 - 1.5		WOP	Gray and light gray, SILTY SAND, very loose, with shell fragments	S M												
2	2 - 4	-		Gray and black, SILTY SAND, very loose, with shell fragments	S M	31.8										0.00	
3	4 - 6	-		Gray, SAND, very loose, with silt and with shell fragments	S P - S M	27.4					99.9	98.6	96.9	48.7	7.5		
4	6 - 8	-		Gray, SILTY SAND, very loose, with shell fragments	S M	26.7											
5	8 - 10	-		Gray, SILTY SAND, very loose, with shell fragments	S M	29.1					98.3	97.1	95.6	50.9	24.4		
	10 - 12			No recovery													
	12 - 14			No recovery													
6	14 - 16	2.50		Brown, CLAY, very stiff, with sand pockets	C H	24.9	101.7	127.0	75								
7	16 - 18	3.00		Brown, CLAY, very stiff, with silt seams	C H	26.8											
8	18 - 20	3.00		Brown, CLAY, very stiff, with sand pockets	C H	28.3											
9	20 - 22	3.00		Brown, CLAY, very stiff, with sand pockets	C H	28.7	96.7	124.4	54	22	100.0	100.0	99.8	97.3	91.3		
10	22 - 24	3.00		Brown, CLAY, very stiff, with silt seams	C H	29.5											
11	24 - 25	2.50		Brown, CLAY, very stiff, with sand pockets	C H	24.3											

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, W O P : Weight of pipe