

357-24.5

Organic silt and clay - Gray
Neches River
Salt Water Barrier

16 April 1971

-7.5

Gray Silty Sand
Loose

(Grad.)

#9
29.5 - 30'

-38.0

Gray silty sand
Dense

(Grad.)

#11
40.4 - 41.5

-66.5

(unc)

#18
74.1 - 75.5

Gray Tan Sandy
clay
very stiff

-83.5

silty clay
Medium

-90

(unc)

#27
95.0 - 96.2

Brown clay, stiff

BORING LOG

Boring No. 3ST-2
 Levee District GALVESTON
 Job No. _____

FIELD DATA

Project NECHES RIVER SALT WATER BARRIER Location NECHES RIVER - BEAUMONT
 Drill Rig ARCO 550 #4 Inspector BLACK Operator SMITH Surface Elev. 71.5 @ 0930
 Natural Ground Elev. _____

LABORATORY DATA

Date _____ Classified by _____

SAMPLE NUMBER	DATE TAKEN	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS	CLASSIFICATION	SYMBOL	NAT WC %	
		FROM	TO	FROM	TO	FROM	TO								
		0.0	1.1								DEPTH OF WATER				
1	31 MAR			1.7	4.0	2.6	3.8	3" SHELBY TUBE	Tube	125	GRAY SANDY ORGANIC SILT, soft				
2				4.0	6.5	5.7	6.5		Tube	0.0	GRAY SANDY ORGANIC CLAY, very soft				
3				6.5	9.0	7.8	9.0		Tube	0.0	GRAY silty, organic, clayey, SAND very soft.				
4		10.3	10.3	9.0	11.0	10.3	11.0		JAR		GRAY FINE SAND (SP)				
				11.0	12.0			Fishtail			WASHED AWAY				
5				12.0	12.5	12.0	12.3	Drive sampler	JAR						
				12.5	13.0						2 Blows				
				13.0	13.5						3 Blows				
				13.5	14.0										
				14.0	14.5			Fishtail			washed away				
6				14.5	15.0	16.0	16.5	Drive Sampler	JAR						
				15.0	15.5						5 Blows				
				15.5	16.0						8 Blows				
				16.0	16.5										
	1 APR.			16.5	19.5			FISHTAIL			WASHED AWAY				
7				19.5	20.0	20.5	21.5	DRIVE SAMPLER	JAR						
				20.0	20.5						12 Blows				
				20.5	21.0						14 Blows				
				21.0	21.5										
				24.5	21.5	24.5		FISHTAIL			WASHED AWAY				

BORING LOG

Boring No. 3ST - 2
 Levee District GALVESTON
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FIELD DATA

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 Drill Rig ARCO 550 #4 Inspector BLACK Operator SMITH Surface Elev. _____
 Natural Ground Elev. _____

LABORATORY DATA

Date _____ Classified by _____

SAMPLE NUMBER	DATE TAKEN	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS	CLASSIFICATION	SYMBOL	NAT WC %	
		FROM	TO	FROM	TO	FROM	TO								
8	1 APR	24.5		24.5	25.0	25.4	26.5	DRIVE SAMPLER	JAR		GRAY SAND (SW) 11 Blows				
				25.0	25.5						13 Blows				
				25.5	26.0										
				26.0	26.5										
				26.5	29.5			FISHTAIL			WASHED AWAY				
9				29.5	30.0	29.5	30.6	DRIVE SAMPLER	JAR		TRACE BLUE GRAY CLAY 3 Blows				
				30.0	30.5						3 Blows				
				30.5	31.0										
				31.0	31.5										
				31.5	34.5			FISHTAIL			WASHED AWAY				
10		34.5		34.5	35.0	35.4	36.5	DRIVE SAMPLER	JAR		GRAY silty SAND (SP) 12 Blows				
				35.0	35.5						16 Blows				
				35.5	36.0										
				36.0	36.5										
				36.5	39.5			FISHTAIL			WASHED AWAY, Thin clay seams.				
11				39.5	40.0	40.4	41.5	DRIVE SAMPLER	JAR						
				40.0	40.5						26 Blows				
				40.5	41.0						34 Blows				
				41.0	41.5										
				41.5	44.5			FISHTAIL			WASHED AWAY with thin clay seams.				
				44.5	46.5			3" SHELBY TUBE			NO RECOVERY				
				46.5	49.5			FISHTAIL			WASHED AWAY				

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 Job No. _____

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 Drill Rig ARCO 550 #4 Inspector BLANK Operator SMITH Surface Elev. _____
 Natural Ground Elev. _____

LABORATORY DATA

Date _____ Classified by _____

SAMPLE NUMBER	DATE TAKEN	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS	CLASSIFICATION	SYMBOL	NAT WC %	
		FROM	TO	FROM	TO	FROM	TO								
12				49.5	50.0	50.0	51.5	DRIVE SAMPLER	JAR						
				50.0	50.5						26 Blows				
				50.5	51.0						35 Blows				
				51.0	51.5										
				51.5	54.5			FISHTAIL			WASHED AWAY				
13				54.5	55.0	55.3	56.5	DRIVE SAMPLER	JAR						
				55.0	55.5						26 Blows				
				55.5	56.0						32 Blows				
				56.0	56.5										
				56.5	59.5			FISHTAIL			WASHED AWAY				
14				59.5	60.0	60.0	61.5	DRIVE SAMPLER	JAR						
				60.0	60.5						26 Blows				
				60.5	61.0						40 Blows				
				61.0	61.5										
				61.5	64.5			FISHTAIL			WASHED AWAY				
15				64.5	65.0	65.0	66.0	DRIVE SAMPLER	JAR						
				65.0	65.5						51 Blows				
				65.5	66.0						57+ Blows				
				66.0	66.5										
			68.0	66.5	69.5			FISHTAIL			WASHED AWAY				
		68.0									GRAY TAD SANDY CLAY (CH)				
											VERY STIFF				

BORING LOG

Boring No. 3ST-2
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 Job No. _____

FIELD DATA

Project NECHES RIVER SALT BARRIER Location NECHES RIVER - BEAUMONT
 Drill Rig ARCO 550 #4 Inspector BLACK Operator SMITH Surface Elev. _____
 Natural Ground Elev. _____

LABORATORY DATA

Date _____ Classified by _____

SAMPLE NUMBER	DATE TAKEN	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS	CLASSIFICATION	SYMBOL	NAT WC %	
		FROM	TO	FROM	TO	FROM	TO								
16				65.5	70.0	70.5	71.5	DRIVE SAMPLER	JAR	2.50					
				70.0	70.5						5 Blows				
				70.5	71.0						7 Blows				
				71.0	71.5										
17	5 APR			71.5	73.5	72.2	73.4	3" SHELBY TUBE	TUBE	2.50					
18				73.5	75.5	74.1	75.5		TUBE	3.0					
19				75.5	77.5	76.1	77.3		TUBE	3.0					
20	6 APR		79.3	77.5	79.5	79.0	79.5		JAR						
		79.3									BROWN silty clay (CH)				
21				79.5	81.5	80.6	81.5		TUBE	1.00	STIFF				
22				81.5	83.5	82.3	83.5		TUBE	2.50	VERY STIFF, WITH SEAM OF GRAY CLAY				
23			85.0	83.5	85.0	84.0	85.0		TUBE	0.50					
24			85.0	85.0	86.0	85.5	86.0		JAR		BROWN SILT				
			89.5	86.0	89.5			FISHTAIL			UNABLE TO DRIVE DUE TO IRREGULAR ROD LENGTH				
25			89.5	89.5	90.0	90.3	91.5	DRIVE SAMPLER	JAR	0.50	GRAY SANDY clay (CH) MEDIUM				
				90.0	90.5						3 Blows				
				90.5	91.0						5 Blows				
				91.0	91.5										
26				91.5	94.0	92.7	93.9	3" SHELBY TUBE	TUBE	1.75	STIFF				
27				94.0	96.5	95.0	96.2		TUBE	2.00	GRAY AND BROWN VERY STIFF				

BORING LOG

Boring No. 357-2

Levee District GALVESTON

Job No. _____

FIELD DATA

Project NECHES RIVER SALT WATER BARRIER Location NECHES RIVER - BEAUMONT

Drill Rig ARCO 550 Inspector BLACK Operator SMITH Surface Elev. _____
#4 _____ Natural Ground Elev. _____

Natural Ground Elev. _____

LABORATORY DATA

Date _____ Classified by _____

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