

Depth
0.0

Elev. ?

Neches River
Salt water Barrier
20 April '71

Grad.
#3

Brown to Gray
Sand - Very loose

15.0

9 blows/ft.

Grad
#7

Gray sand - Gradually
getting medium Dense

15 blows/ft.

20 blow/ft

40.0

Unc
#11

Gray Sandy clay
stiff to very
Hard

57.0

Brown silt
Medium - 20 blows/ft

64.0

Brown silty Sand
Medium to Loose - 10 blows

69.0

Gray to Brown fine sand
Dense

111.0

CAVEAT: Note that no sample
number is given. The sequence of
this page in the original records
suggests it is associated with 3ST-3.
Also note that date given (4/20/1971)
doesn't match date given on other
pages of analysis records.
-DFB, 10/29/2012

BORING LOG

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

FIELD DATA

Project NECHES RIVER SALT WATER BARRIER Location NECHES RIVER - BEAUMONT
 Drill Rig FALLING 1500 Inspector WATTS Operator BLACK Surface Elev. _____
 Natural Ground Elev. _____

LABORATORY DATA

Date _____ Classified by _____

SAMPLE NUMBER	DATE TAKEN	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER			CLASSIFICATION AND REMARKS	CLASSIFICATION	SYMBOL	NAT WC %	
		FROM	TO	FROM	TO	FROM	TO								
1	14 APR 1971	0.0		0.0	5.0	1.5	2.0	8" AUGER	JAR		BROWN SAND (SP) AUGERED to 5.0 to SET CASING.				
			5.2												
2		5.2		5.0	5.5	5.0	6.6	DRIVE SAMPLER	JAR		GRAY SAND (SP) with vegetation 2 Blows				
				5.5	6.0						2 Blows				
				6.0	6.5										
				6.5	7.0										
				7.0	10.0			FISHTAIL			WASHED AWAY				
3				10.0	10.5	10.4	12.0	DRIVE SAMPLER	JAR						
				10.5	11.0						2 Blows				
				11.0	11.5						5 Blows				
				11.5	12.0										
			15.0	12.0	15.0			FISHTAIL			WASHED AWAY				
4		15.0		15.0	15.5	15.7	17.0	DRIVE SAMPLER	JAR		GRAY SAND (SP)				
				15.5	16.0						9 Blows				
				16.0	16.5						9 Blows				
				16.5	17.0										
				17.0	20.0			FISHTAIL			WASHED AWAY				
5				20.0	20.5	20.9	22.0	DRIVE SAMPLER	JAR						
				20.5	21.0										
				21.0	21.5										
				21.5	22.0										
				22.0	25.0			FISHTAIL			WASHED AWAY				

BORING LOG

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

FIELD DATA

Project NECHES RIVER SALT WATER BARRIER Location NECHES RIVER - BEAUMONT
 Drill Rig FALLING 1500 Inspector WATTS Operator BLACK Surface Elev. _____
 Natural Ground Elev. _____

LABORATORY DATA

Date _____ Classified by _____

SAMPLE NUMBER	DATE TAKEN	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER			CLASSIFICATION AND REMARKS	CLASSIFICATION	SYMBOL	NAT WC %	
		FROM	TO	FROM	TO	FROM	TO								
6				25.0	25.5	25.4	27.0	DRIVE SAMPLER	JAR						
				25.5	26.0						11 Blows				
				26.0	26.5						14 Blows				
				26.5	27.0										
				27.0	30.0			FISHTAIL			WASHED AWAY				
7	15 APR.			30.0	30.5	30.8	32.0	DRIVE SAMPLER	JAR						
				30.5	31.0						15 Blows				
				31.0	31.5						12 Blows				
				31.5	32.0										
				32.0	35.0			FISHTAIL			WASHED AWAY				
8				35.0	35.5	35.4	37.0	DRIVE SAMPLER	JAR						
				35.5	36.0						21 Blows				
				36.0	36.5						23 Blows				
				36.5	37.0										
				39.0	37.0	40.0		FISHTAIL			WASHED AWAY				
9		39.0		40.0	42.0	40.7	41.9	3" SHELBY TUBE	TUBE	2.5	GRAY SANDY CLAY, VERY STIFF				
10				42.0	44.0	42.7	43.5		TUBE	4.0	HARD				
11				44.0	46.0	44.7	45.9		TUBE	2.75	VERY STIFF				
12				46.0	48.0	46.7	47.9		TUBE	4.25	HARD				
13				48.0	50.0	48.7	49.9		TUBE	4.50					
14				50.0	52.0	50.7	51.9		TUBE	3.75	VERY STIFF				
15				52.0	54.0	52.7	53.9		TUBE	4.50	HARD				

BORING LOG

Boring No. 3st - 3
 Levee District _____
 Job No. _____

FIELD DATA

Project NECHES R. S.W. B. Location _____
 Drill Rig _____ Inspector _____ Operator _____ Surface Elev. _____
 Natural Ground Elev. _____

LABORATORY DATA

Date _____ Classified by _____

SAMPLE NUMBER	DATE TAKEN	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER			CLASSIFICATION AND REMARKS	CLASSIFICATION	SYMBOL	NAT WC %	
		FROM	TO	FROM	TO	FROM	TO								
16				54.0	56.0	54.7	55.9		TUBE	3.75	VERY STIFF				
17		56.2	56.2	56.0	57.0	56.1	57.0		TUBE	3.0	GRAY CLAYEY SAND				
				57.0	57.5	-	-	DRIVE SAMPLER			BROWN SILT				
				57.5	58.0						20 BLOWS				
				58.0	58.5						20 BLOWS				
				58.5	59.0						NO RECOVERY				
			59.5	59.0	59.5			FISHTAIL			WASHED AWAY				
18		59.5	62.0	59.5	62.0	60.7	61.9	3" SHELBY TUBE	TUBE		BROWN SANDY CLAY				
19		62.0	64.0	62.0	64.0	63.0	64.0		TUBE		BROWN SILT				
20		64.0		64.0	64.5	64.6	66.0	DRIVE SAMPLER	JAR		BROWN silty SAND with CLAY				
				64.5	65.0						LAYERS 9 BLOWS				
				65.0	65.5						19 BLOWS				
				65.5	66.0										
			69.0	66.0	69.0			FISHTAIL			WASHED AWAY				
21		69.0		69.0	69.5	70.0	71.0	DRIVE SAMPLER	JAR		BROWN FINE SAND				
				69.5	70.0						16 BLOWS				
				70.0	70.5						20 BLOWS				
				70.5	71.0										
			74.0	71.0	74.0			FISHTAIL			WASHED AWAY				
22		74.0		74.0	74.5	74.6	75.8	DRIVE SAMPLER	JAR		GRAY FINE SAND				
				74.5	75.0						18 BLOWS				
				75.0	75.5						18 BLOWS				

BORING LOG

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

FIELD DATA

Project NECHES R. SALT WATER BARRIER Location _____
 Drill Rig _____ Inspector _____ Operator _____ Surface Elev. _____
 Natural Ground Elev. _____

LABORATORY DATA

Date _____ Classified by _____

SAMPLE NUMBER	DATE TAKEN	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER			CLASSIFICATION AND REMARKS	CLASSIFICATION	SYMBOL	NAT WC %	
		FROM	TO	FROM	TO	FROM	TO								
				75.5	76.0										
				76.0	79.0			FISHTAIL			WASHED AWAY				
23				79.0	79.5	79.3	80.8	DRIVE SAMPLER	JAR						
				79.5	80.0						30 BLOWS				
				80.0	80.5						44 BLOWS				
				80.5	81.0										
				81.0	84.0			FISHTAIL			WASHED AWAY				
24				84.0	84.5	84.3	85.7	DRIVE SAMPLER	JAR						
				84.5	85.0						36 BLOWS				
				85.0	85.5						44 BLOWS				
				85.5	86.0										
	16 APR			86.0	89.0			FISHTAIL			WASHED AWAY				
25				89.0	89.5	89.3	90.9	DRIVE SAMPLER	JAR						
				89.5	90.0						20 BLOWS				
				90.0	90.5						19 BLOWS				
				90.5	91.0										
				91.0	94.0			FISHTAIL			WASHED AWAY				
26				94.0	94.5	94.4	96.0	DRIVE SAMPLER	JAR						
				94.5	95.0						24 BLOWS				
				95.0	95.5						21 BLOWS				
				95.5	96.0										
				96.0	99.0			FISHTAIL			WASHED AWAY				

BORING LOG

Boring No. 3ST-3

Levee District _____

Job No. _____

FIELD DATA

Project MECHES R. S.W. B Location _____

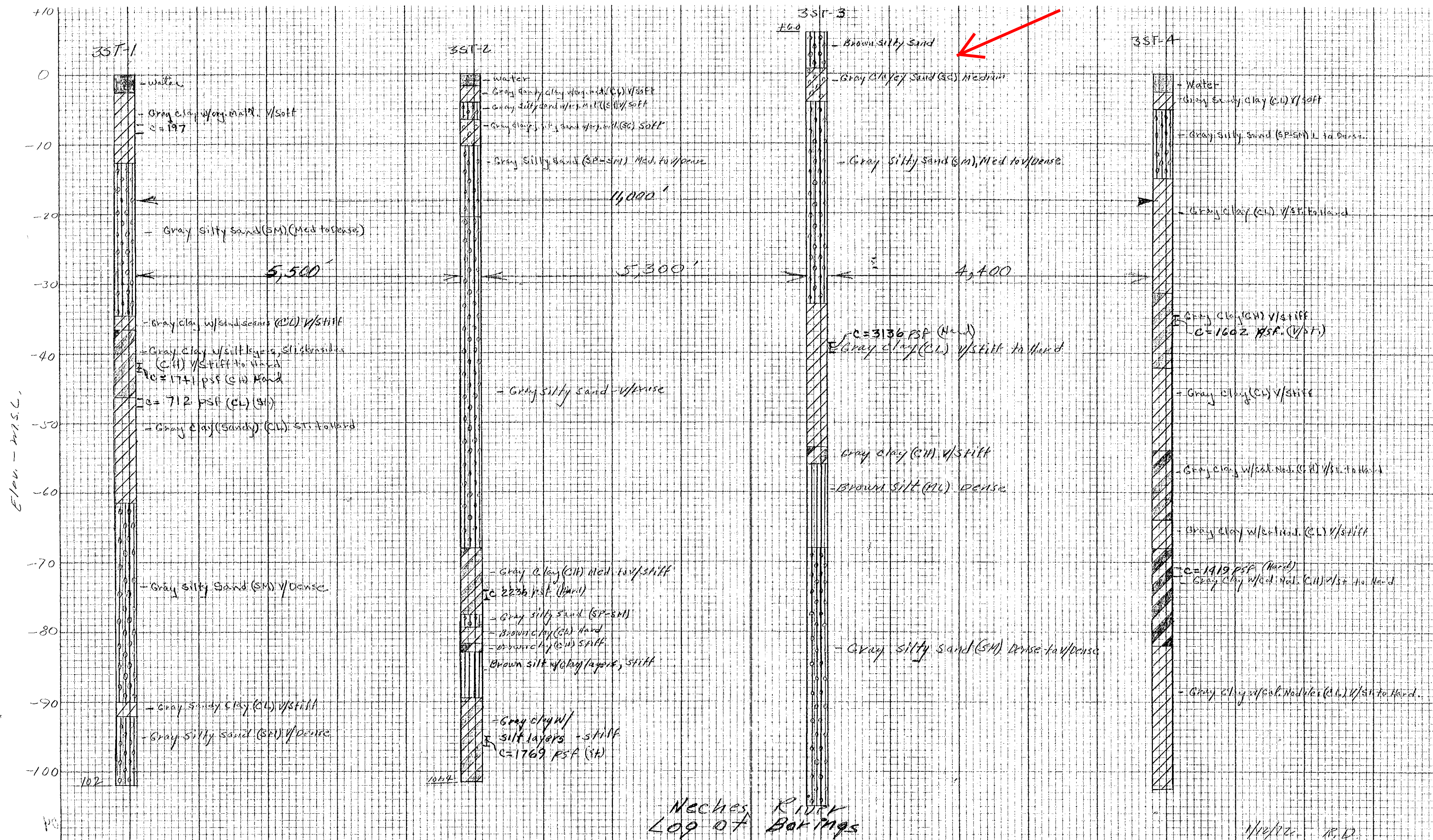
Drill Rig _____ Inspector _____ Operator _____ Surface Elev. _____

Natural Ground Elev. _____

LABORATORY DATA

Date _____ Classified by _____

[illegible]



Neches River
Log of Boreholes

1/10/72 R.D.