

SWG FORM 201
12 July 1971

PROJECT: NECHES RIVER SALT WATER BARRIER

LOCATION: Beaumont, Texas

TEST DATA SUMMARY

BORING NO. 79-93

DATE DRILLED: 23 Aug 79

LOCATION: Beaumont, Texas															SIEVE ANALYSIS									
FIELD NO.	Sample Depth, Feet		CLASSIFICATION	Length of sample rec'd	SYMBOL	CONSISTENCY	POCKET (1) PENETROMETER	STAN. PENET. BLOWS/FT (2)	MOISTURE CONTENT %	DRY DENSITY p. c. f.	L.L.	P.L.	Lab Sample No.	BAR L.S.	PERCENT			INIT. WT.	ACC. WT. RTND. SIEVE NO. (3)					
	From	To													GRVL	SAND	FINES		NO. 4	NO. 10	NO. 40	NO. 200		
			ELEVATION TOP BORING _____																					
			#Water depth: 9.0'																					
1C	9.0	11.5	Gray sandy clay with random sand seams 9.0-14.0	0.9	CL	VS	0.0		37	83			1058											
2C	11.5	14.0	Gray sandy clay with random sand seams 14.0-16.0	0.85		S	0.25		44	80			1059	6	0	36	64	50	0	0	0	13		
3C	14.0	16.0	Gray sandy clay with random sand seams 16.0-20.0	0.9	CH	VS	0.0		39	*	69	23	1060		0	34	66	50	0	0	0	17		
4C	16.0	18.0	Gray sandy clay with random sand seams 18.0-20.0	0.8	CL	VS	0.0		36	85			1061	9	0	40	60	50	0	0	0	20		
5C	18.0	20.0	Gray sandy clay with random sand seams 20.0-25.0	0.9		VS	0.0		38	81	46	16	1062		0	34	66	50	0	0	0	17		
6J	20.0	22.0	Gray clayey sand 22.0-25.0		SC	L		4	35				1063		0	80	20	25	0	0	0	20		
7J	22.0	25.0	#washed 25.0-32.0		SP SM	L		5	29				1064											
8J	25.0	27.0	Gray silty sand with random clay seams 27.0-30.0																					
	27.0	30.0	#washed 30.0-32.0			VD		32	25				1065		0	94	6	50	0	0	3	47		
9J	30.0	32.0	Gray silty sand with random clay seams 32.0-35.0																					
	32.0	35.0	#washed 35.0-36.5		SP	D		21	23				1066		0	96	4	25	0	0	2	24		
10C	35.0	36.5	Gray sand 36.5-38.0	0.85	CH	VST	3.75		20	109	39	18	1067		0	4	96	50	0	0	0	2		
11C	36.5	38.0	Yellow & gray clay 38.0-40.0	0.7	CL	H	4.50+		17	*	33	16	1068		0	12	88	50	0	0	0	6		
12C	38.0	40.0	Yellow & gray clay; sandy last 5" 40.0-50.0	1.2	CH	H	4.25		21	107			1069											
13C	40.0	42.5	Yellow & gray clay with random calcareous nodules 42.5-45.0	0.9		VST	2.50		25	101	67	18	1070		0	4	96	50	0	0	0	2		
14C	42.5	45.0	Yellow & gray clay with random calcareous nodules 45.0-47.5	1.1		VST	2.00		26	95			1071											
15C	45.0	47.5	Yellow & gray clay with random calcareous nodules; sandy last 2" 47.5-50.0	1.1		ST	1.50		34	87			1072											

CONFIDENTIAL - GEOTECHNICAL DATA

(1) Tons/Sq. Ft. Unconfined Compressive Strength

BORING NO. 79-93

BORING NO. 79-93

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CONSISTENCY - COMBINED SOILS
Very Soft Soft Medium Stiff Very Stiff Hard Very Loose Loose Medium Dense Very Dense

(1) Tons/Sq. Ft. Unconfined Compressive Strength
(2) Split Barrel Sampler
(3) Acc. Wt. Rnd: Init. Wt. x 100 = % Read.

Bottomed at _____ Water at _____

Tide Reading _____

PROJECT: NECHES RIVER SALT WATER BARRIER

BORING NO. 79-93

LOCATION: _____

TEST DATA SUMMARY

DATE DRILLED: _____

FIELD NO.	Sample Depth, Feet		CLASSIFICATION ELEVATION TOP BORING _____	Length of sample recv'd	SYMBOL	CONSISTENCY	POCKET (1) PENETROMETER	STAN. PENET. BLOWS/FT (2)	MOISTURE CONTENT %	DRY DENSITY P. c. f.	L.L.	P.L.	Lab Sample No.	BAR L.S.	SIEVE ANALYSIS							
	GRVL	SAND													FINES	INIT. WT.	ACC. WT. RTND. SIEVE NO. (3)					
																	NO. 4	NO. 10	NO. 40	NO. 200		
16C	50.0	52.5	Yellow & gray sandy clay with random calcareous nodules	1.1	CL	VST	2.75	18	111	#2	15	1073		0	16	84	50	0	0	1	8	
17C	52.5	55.0	Yellow & gray sandy clay with random calcareous nodules	1.05		VST	2.00	22	103			1074										
18C	55.0	56.5	Yellow & gray sandy clay with 1" white sand layer at bottom	0.95		ST	1.75	24	103			1075										
	56.5	57.0	#washed																			
19J	57.0	59.0	Gray & brown sand		SP SM	VD	53	19				1076		0	92	8	25	0	0	2	23	
	59.0	62.0	#washed																			
	62.0	64.0	#no recovery			D	41															
20J	64.0	66.0	Yellow & gray to reddish brown clay with random calcareous nodules		CH	M	22	24				1077										
21C	66.0	67.0	Brown & gray clay with random calcareous nodules	0.75		H	4.50+	22	106			1078										
22C	67.0	70.0	Brown & gray clay with random calcareous nodules	0.8		VST	2.25	23	104	50	23	1079		0	4	96	50	0	0	1	2	
23C	70.0	72.5	Brown & gray clay with random calcareous nodules & silt seams	0.8		VST	2.50	24	102			1080										
24C	72.5	75.0	Brown & gray clay with random calcareous nodules	0.85	CL	ST	1.50	26	101	30	22	1081		0	6	94	50	1	2	2	3	
25C	75.0	77.5	Brown & gray clay with random calcareous nodules	1.1		VST	2.00	25	100			1082										
26C	77.5	80.0	Brown & gray clay with silty sand layers	0.85		ST	1.75	28	96			1083										
			#information obtained from driller's log																			
			*Disturbed																			

KEY: CONSISTENCY - COHESIVE SOILS CONSISTENCY - NONCOHESIVE SOILS (1) Tons/Sq. Ft. Unconfined Compressive Strength
 VS S H ST VST H VL L H D VD (2) Split Barrel Sampler
 Very Soft Soft Medium Stiff Very Stiff Hard Very Loose Loose Medium Dense Very Dense (3) Acc. Wt. Retd & Init. Wt. x 100 = % Retd.

Bottomed at _____ Water at _____ Tide Reading _____

BORING NO. 79-93

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12 July 1971

GDLR NO 1650

PROJECT: (JECHES RIVER SALT WATER BARRIER

BORING NO. 79-93A

TEST DATA SUMMARY

LOCATION: Beaumont, Texas

DATE DRILLED: 5 September 1979

[illegible]

Caveat: This page may not relate to boring#79-93 but is somewhat consistent in terms of offering shallow depth data that is missing on other records

CONSISTENCY - COMBINED SOILS						CONSISTENCY - COMBINED SOILS				
VS	S	M	ST	VS	H	VL	L	M	D	VD
Very Soft	Soft	Medium	Stiff	Very Stiff	Hard	Very Loose	Loose	Medium Dense	Dense	Very Dense

(1) Tons/Sq.Ft. Unconfined Compressive Strength
(2) Split Barrel Sampler
(3) Acc. Wt. Sand ÷ Infl. Wt. x 100 = % Sand.

(1) Tons/Sq.Ft. Unconfined Compressive Strength
(2) Split Barrel Sampler
(3) Acc. Wt. Sand ÷ Infl. Wt. x 100 = % Sand.

Bottomed at	Water at	Tide Reading
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BORING NO. 79-93A

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