2 July 1971

GDLR NO 1500

OJECT: CORPUS CHRISTI BEACH RESTORATION

BORING NO. 75-28

TEST DATA SUMMARY

CATION: CORPUS CHRISTI BAY

DATE COMPLETED 13 February 1975

Sample Depth, Feet From	To	CLASSIFICATION ELEVATION TOP BORING _____	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 PERCENT GRVL	SAND	FINES	INIT. WT.	ACC. WT. RTND. SIEVE NO. (3) NO. 4	NO. 10	NO. 40	NO. 200
0.0	5.0	water																		
5.0	7.5	Gray Silty Sand w/shell fragments 5'-10'	SM					180			562	✓	0	87	13	230	0	4	15	200
7.5	10.0										563		0	86	14	257	0	5	17	221
10.0	12.5	Gray Silty Sand w/shell fragments 10'-12.5'	SP SM								564		17	72	11	235	40	49	66	208
12.5	15.0	Gray Sandy Silt w/shell fragments 12.5'-15'	ML								565		0	44	56	192	0	0	0	85
15.0	17.0	Shell 15'-17'	SP SM								566		45	51	4	205	92	145	180	196
17.0	19.5	Gray Silty Sand w/shell fragments and 17'-25'	SM					48			567	✓	0	77	23	227	0	0	2	174
19.5	22.0	clay seams									568		0	81	19	237	0	1	2	191
22.0	24.5										569		0	85	15	235	0	0	2	200
25.0	27.0	Gray Sandy Clay w/shell fragments 25'-29.5'	CL								570		0	22	78	260	0	0	0	57
28.5	29.5										571		0	21	79	184	0	0	0	39
29.5	32.0	Gray Clayey Sand w/shell fragments 29.5'-32'	SC								572		1	63	36	283	3	4	6	180

KEY: CONSISTENCY — COHESIVE SOILS: VS Very Soft, S Soft, M Medium, ST Stiff, VST Very Stiff, H Hard. CONSISTENCY — COHESIONLESS SOILS: VL Very Loose, L Loose, M Medium, D Dense, VD Very Dense.

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

BORING NO. 75-28

Bottomed at 32.0' Water at _____ Tide Reading 1.0 at 0800

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SUMMARY GRADATION TESTS
TABLE 1

CORPUS CHRISTI BEACH RESTORATION

LABORATORY REPORT NO. 1500

HOLE NO	DEPTH, FT	PERCENT FINER----------SIEVE SIZES														
		200	140	100	70	50	40	20	10	4	3/8	1/2	3/4	1	1-1/2	2
75-27	20.0 - 22.5	36	66	92	99	99	100									
75-27	24.0 - 25.0	54	81	94	100											
75-27	25.0 - 27.5	66	92	98	100											
75-27	28.0 - 30.5	76	91	98	100											
75-28	5.0 - 7.5	13	28	53	89	93	93	95	98	100						
75-28	7.5 - 10.0	14	30	49	88	93	93	95	98	100						
75-28	10.0 - 12.5	11	27	45	65	70	72	75	79	83	85	86	91	95	100	
75-28	12.5 - 15.0	56	86	97	99	100										
75-28	15.0 - 17.0	4	7	9	10	11	12	26	29	55	78	84	93	100		
75-28	17.0 - 19.5	23	48	82	98	99	99	100								
75-28	19.5 - 22.0	19	24	79	98	99	99	99	100							
75-28	22.0 - 24.5	15	42	75	98	99	99	100								
75-28	25.0 - 27.0	78	94	98	100											
75-28	28.5 - 29.0	79	92	98	100											
75-28	29.5 - 32.0	36	59	84	97	98	98	98	99	99	99	100				