12 July 1971

GDLR NO 1500

PROJECT: CORPUS CHRISTI BEACH RESTORATION

BORING NO. 75-93

LOCATION: NUECES BAY

TEST DATA SUMMARY

DATE COMPLETED 22 February 1975

FIELD NO.	Sample Depth, Feet From	Sample Depth, Feet 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	3.0	water	*																	
1J	3.0	5.5	Gray Clayey Sand w/shell fragments 3'-5.5'	SC								662		0	74	26	210	0	0	2	155
2J	5.5	10.5	Gray Sandy Clay w/shell fragments 5.5'-18'	CL								663		1	25	74	164	2	2	4	42
3J	10.5	15.0										664		1	24	75	115	1	3	7	29
4J	15.0	18.0										665		0	24	76	145	0	1	4	35
5J	18.0	21.0	Gray Sandy Clay w/shell fragments 18'-21'	CH								666		0	22	78	155	1	3	6	35

* Visual Classification plus M.A.

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. 75-93

Bottomed at 21.0 Water at _____ Tide Reading +1.9 at 0800

Sheet 1 of sheets 1

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
75-35	12.5 - 15.0	13	21	32	66	75	96	79	88	95	99	100				
75-35	16.5 - 17.5	36	67	92	98	98	98	99	100							
75-35	19.0 - 20.0	54	83	95	99	99	99	100								
75-35	21.5 - 22.5	82	92	95	96	97	97	98	99	100						
75-35	24.0 - 25.0	54	73	79	85	90	92	94	98	100						
75-35	25.0 - 27.5	22	34	43	61	89	92	94	96	99	100					
75-35	27.5 - 30.0	25	41	51	67	87	90	92	95	97	99	100				
75-35	30.5 - 32.5	31	60	77	86	93	95	96	97	98	100					
75-35	34.0 - 35.0	28	61	92	99	99	99	100								
75-35	35.0 - 37.5	46	68	89	96	97	98	98	98	99	100					
75-35	37.5 - 40.0	78	93	99	100											
75-93	3.5 - 5.5	26	49	70	90	97	99	100								
75-93	5.5 - 10.5	74	83	89	94	98	98	98	99	99	100					
75-93	10.5 - 15.0	75	81	85	90	92	94	95	97	99	100					
75-93	15.0 - 18.0	76	83	89	93	96	97	99	99	100						

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		200	140	100	70	50	40	20	10	4	3/8	1/2	3/4	1	1-1/2	2
75-93	18.0 - 21.0	78	85	89	92	95	96	97	98	99	100					
75-94	1.0 - 3.5	73	82	87	92	97	99	99	100							
75-94	3.5 - 8.0	44	55	69	85	94	98	99	100							
75-94	8.0 - 13.5	44	54	67	84	94	98	99	100							
75-94	13.5 - 18.0	49	54	64	79	89	93	95	97	99	100					
75-94	18.0 - 21.0	73	79	83	87	90	92	93	96	98	100					