SWG Form 267
12 July 1971

GDLR NO 1500

PROJECT: CORPUS CHRISTI BEACH RESTORATION

BORING NO. 75-24

TEST DATA SUMMARY

LOCATION: CORPUS CHRISTI BAY

DATE COMPLETED 20 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	6.0	water									~~751~~									
1J	6.0	8.5	Gray Clayey Sand w/shell fragments 6'-11'	SC								522		1	78	21	256	2	10	21	201
2J	8.5	11.0							41			523	✓	1	81	19	221	2	10	18	179
3J	11.0	13.5	Gray Silty Sand w/shell fragments 11'-13.5'	SP-SM								524		0	91	9	232	0	1	4	211
4J	13.5	16.0	Gray Silty Sand w/oyster shell & fragments 13.5'-17'	SM								525		10	73	17	210	22	45	75	174
5J	17.0	19.5	Gray Clayey Sand w/shell fragments 17'-21'	SC								526		6	61	33	293	18	26	35	196
6C	21.0	22.0	Gray Sandy Clay w/shell fragments 21'-32'	CL								527		0	18	82	181	0	0	0	33
7J	22.0	24.5										528		0	40	60	186	0	0	0	74
8C	26.0	27.0										529		0	48	52	163	0	0	0	79
9J	27.0	29.5										530		0	24	76	159	0	0	0	38
10C	31.0	32.0										531		0	38	62	151	0	0	0	57

* Visual Classifications plus MA's

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. 75-24

Bottomed at 32.0' Water at _____ Tide Reading +1.0 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
75-23	2.5 - 5.0	10	36	72	95	97	97	98	99	100						
75-23	6.0 - 7.5	22	49	70	81	84	85	87	92	98	100					
75-23	7.5 -10.0	22	47	69	83	86	87	89	95	98	100					
75-23	10.0 -12.5	8	26	55	76	81	83	85	91	97	99	100				
75-23	12.5 -15.0	10	29	56	98	100										
75-23	16.5 -17.5	74	93	98	99	99	99	99	100							
75-23	17.5 -20.0	73	95	99	100											
75-23	21.5 -22.5	40	63	82	95	99	100									
75-23	24.0 -25.0	67	85	95	99	100										
75-23	26.5 -27.5	71	86	94	98	99	99	99	100							
75-23	28.0 -30.5	89	97	99	100											
75-24	6.0 - 8.5	21	42	69	89	91	92	93	96	99	100					
75-24	8.5 -11.0	19	43	68	89	91	92	93	95	99	100					
75-24	11.0 -13.5	9	23	42	94	98	98	98	100							
75-24	13.5 -16.0	17	27	35	49	60	64	67	70							
75-24	17.0 -19.5	33	65	83	87	87	88	89	91	94	98	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
75-24	21.0 - 22.0	82	94	98	99	100										
75-24	22.0 - 24.5	60	83	95	99	99	100									
75-24	26.0 - 27.0	52	72	89	98	99	100									
75-24	27.0 - 29.5	76	90	96	98	99	100									
75-24	31.0 - 32.0	62	82	93	99	99	100									
75-25	5.0 - 7.5	17	38	67	90	93	94	95	98	100						
75-25	7.5 - 10.0	13	32	57	89	92	94	95	100							
75-25	10.5 - 15.0	3	6	10	16	19	21	25	36	54	73	84	96	100		
75-25	15.0 - 17.5	22	41	71	89	92	93	95	98	99	100					
75-25	18.0 - 20.5	35	51	56	57	57	58	60	64	71	79	87	100			
75-25	20.5 - 23.0	59	70	73	74	75	77	81	87	92	96	100				
75-25	23.0 - 25.5	86	95	98	99	99	99	99	100							
75-25	27.0 - 28.0	1	16	48	69	72	72	73	74	78	81	88	96	100		
75-25	28.0 - 30.5	57	74	88	98	99	100									
75-26	4.0 - 6.5	10	23	44	82	87	89	91	95	99	100					