SWG Form 267
12 July 1971

PROJECT: Corpus Christi Beach Restoration

GDLR NO 1500

BORING NO. 75-31

LOCATION:

TEST DATA SUMMARY

DATE COMPLETED

FIELD NO.	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.
X	0.0	6.2	Water	*								X									
S-1	6.2	8.5	Gray Silty Sand w/shell fragments 6.2'-11'	SP-SM					313			601	✓	3	88	9	250	7	11	21	2
S-2	8.5	11.0										602		0	94	6	306	0	2	6	28
S-3	11.0	13.5	Gray Clayey Sand w/shell fragments 11'-13.5'	SP-SC					503			603	✓	13	75	12	302	38	48	64	20
S-4	13.5	16.0	Gray Clayey Sand w/shell fragments 13.5'-16'	SC								604		13	74	13	277	36	47	67	2
S-5	16.0	18.5	Shell 16'-18.5'	GP								605		95	3	2	199	190	190	190	19
S-6	18.5	21.0	Gray Silty Sand w/shell fragments 18.5'-21'	SM								606		4	75	21	273	10	12	16	2
S-7	21.0	23.5	Gray Clayey Sand w/shell fragments 21'-23.5'	SC								607		3	68	29	335	9	33	73	23
S-8	23.5	26.0	Gray Silty Sand w/shell fragments 23.5'-33.5'	SP-SM								608		3	90	7	275	7	12	20	2
S-9	26.0	28.5										609		7	85	8	258	19	22	35	2
S-10	28.5	31.0										610		9	79	12	358	33	58	94	31
S-11	31.0	33.5										611		20	75	5	407	83	128	194	38
S-12	33.5	36.0	Gray Sand w/shell 33.5'-36'	SP								612		2	95	3	347	6	31	52	33
S-13	36.0	38.5	Gray Clayey Sand w/shell fragments 36'-38.5'	SC								613		1	69	30	300	3	6	12	21
S-14	39.0	41.5	Gray Silty Sand w/shell fragments 38.5'-41.5	SP-SM								614		12	80	8	332	39	54	69	3

*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. 75-31

Bottomed at _____ Water at _____ Tide Reading _____

Sheet _____ of sheets

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
75-30	7.5 - 10.0	7	15	29	79	96	96	97	99	100						
75-30	10.0 - 12.5	6	13	26	70	91	92	93	96	97	98	100				
75-30	12.5 - 15.0	7	11	19	37	80	96	96	99	100						
75-30	15.0 - 17.5	7	15	27	68	85	86	87	90	94	96	97	100			
75-30	19.0 - 20.0	77	87	90	94	95	96	97	98	100						
75-30	20.0 - 22.5	59	71	78	85	88	90	93	97	99	100					
75-30	22.5 - 25.0	14	25	39	66	72	73	75	79	85	89	89	90	93	100	
75-30	25.0 - 27.5	8	22	58	96	99	99	100								
75-30	27.5 - 30.0	4	14	35	94	99	100									
75-30	30.0 - 32.5	5	15	32	89	99	99	99	100							
75-30	35.5 - 36.0	8	19	34	75	82	83	85	91	98	100					
75-30	38.5 - 39.5	81	94	99	100											
75-30	41.0 - 42.0	68	86	97	100											
75-31	6.2 - 8.5	9	20	36	84	92	92	93	96	97	98	100				
75-31	8.5 -11.0	6	12	26	81	98	98	99	100							

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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
75-31	11.0 - 13.5	12	20	31	67	78	79	80	84	87	91	92	95	100		
75-31	13.5 - 16.0	13	19	30	66	75	76	78	83	87	90	91	92	93	100	
75-31	16.0 - 18.5	2	3	4	4	5	5	5	5	5	6	9	17	43	50	100
75-31	18.5 - 21.0	21	48	73	93	94	94	95	96	96	98	99	100			
75-31	21.0 - 23.5	29	44	55	69	76	78	83	90	97	100					
75-31	23.5 - 26.0	7	14	28	81	92	93	94	96	97	99	100				
75-31	26.0 - 28.5	8	18	36	80	85	86	89	91	93	94	94	95	100		
75-31	28.5 - 31.0	12	19	30	65	72	76	78	84	91	99	100				
75-31	31.0 - 33.5	5	11	22	47	50	52	58	69	80	87	91	92	96	100	
75-31	33.5 - 36.0	3	11	24	78	84	85	87	91	99	100					
75-31	36.0 - 38.5	30	42	63	93	95	96	97	98	99	99	99	100			
75-31	39.0 - 41.5	8	17	31	72	78	80	80	84	88	91	92	92	92	100	
75-32	7.0 - 9.5	12	19	30	70	90	90	92	95	98	100					
75-32	9.5 - 12.0	11	17	27	54	68	70	72	79	86	91	92	96	100		
75-32	12.0 - 14.5	9	16	29	69	83	83	85	87	90	93	94	95	100		