SWG FORM 201
12 July 1971

PROJECT: Corpus Christi Beach Restoration

LOCATION:

GDLR NO 1500

BORING NO. 75-35

TEST DATA SUMMARY

DATE COMPLETED

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. 75-	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
X	0.0	6.0	Water	*								X									
S-1	6.0	8.5	Gray Silty Sand w/shell fragments 6'-12.5'	SP-SM								649		0	92	8	271	0	2	9	248
S-2	10.0	12.5										650		3	89	8	263	7	13	26	242
S-3	12.5	15	Gray Clayey Sand w/shell fragments 12.5'-17.5'	SC								651		5	82	13	398	20	40	96	346
S-4	16.5	17.5										652		0	64	36	242	0	1	5	156
S-5	19	20	Gray Sandy Clay w/shell fragments 17.5'-25'	CL								653		0	46	54	305	0	0	2	141
S-6	21.5	22.5										654		0	18	82	297	1	4	9	52
S-7	24	25										655		0	46	54	312	1	7	25	145
S-8	25	27.5	Gray Clayey Sand w/shell fragments 25'-30'	SC								656		1	78	22	294	3	11	23	230
S-9	27.5	30										657		3	72	25	263	7	13	27	198
S-10	30.5	32.5	Gray Silty Sand w/shell fragment 30'-35'	SM								658		2	67	31	264	4	9	14	182
S-11	34	35										659		0	72	28	297	0	0	2	215
S-12	35	37.5	Gray Clayey Sand w/shell fragments 35'-37.5'	SC								660		1	53	46	292	3	5	8	157
S-13	37.5	40	Gray Sandy Clay w/shell fragment 37.5'-40'	CL								661		0	22	78	169	0	0	0	37

* 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.

Bottomed at _____ Water at _____ Tide Reading _____

BORING NO. 75-35

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
75-34	6.2 - 8.5	8	31	55	97	98	99	100								
75-34	8.5 -11.0	17	28	43	87	93	93	95	98	100						
75-34	11.0 -13.5	15	32	52	92	95	96	97	99	100						
75-34	13.5 -16.0	35	66	89	98	99	100									
75-34	16.0 -18.5	61	86	96	98	99	99	99	100							
75-34	18.5 -21.0	76	92	94	95	96	96	97	99	100			100			
75-34	22.5 -23.5	69	88	95	97	97	97	98	99	99	99	99	100			
75-34	23.5 -26.0	32	52	62	71	79	82	85	90	94	96	97				
75-34	27.5 -28.5	18	43	65	85	98	100									
75-34	32.5 -33.5	47	78	95	97	98	98	99	99	100						
75-34	33.5 -36.0	64	65	66	68	69	71	76	84	94	99	99	100			
75-34	37.5 -38.5	65	66	67	68	69	71	76	83	90	97	99	100			
75-34	40.0 -41.0	65	66	67	69	70	73	78	86	95	99	100				
75-35	6.0 - 9.5	8	19	35	88	96	97	98	99	100						
75-35	10.0 -12.5	8	17	34	82	89	90	92	95	97	100					

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						