SWG Form 279 (C)
28 Jan 1965

SUMMARY UNCONFINED COMPRESSION TEST DATA
TABLE 1

GALVESTON DISTRICT LABORATORY REPORT NO. 1096

PROJECT Brazos Island Harbor
Brownsville Texas

BORING NO	DEPTH FT	% GRAVEL	% SAND	% FINES	% MOISTURE	DRY WT. P.C.F.	L.L.	P.L.	L.S.	% STRAIN @ MAX. STRESS	MAX. STRESS P.S.F.	POCKET PENETRO-METER*	CLASSIFICATION
3ST-10	24 - 25	0	2	98	14.6	120			12.0	7.94	11,894	4.5	Gray Clay (CL) hard
3ST-19	36 - 38	0	2	98	22.8	104	62		20.0	11.47	13,401	4.5	Gray Clay (CH) hard
3ST-25	12 - 14	0	0	100	26.9	97	59		19.0	3.52	8452	4.5	Brown Clay (CH), hard
3ST-26	4 - 6	0	2	98	30.0	94	36		11.0	13.23	1209	0.75	Brown, Gray Clay (CL), Medium
3ST-31	12 - 14	0	24	76	29.2	94	31		8.0	13.23	765	0.5	Brown Sandy Clay (CL), Medium
3ST-34	12 - 14.5	0	0	100	31.2	87	58		19.0	19.41	2018	1.0	Brown Clay (CH), Stiff

*TONS/SQ.FT. UNCONFINED COMPRESSIVE STRENGTH

BRAZOS ISLAND HARBOR
BROWNSVILLE, TEXAS
SIEVE ANALYSIS

TABLE NO. 2

HOLE NO	DEPTH FT	PERCENT FINER SIEVE SIZES 30	40	50	70	100	140	200	CLASSIFICATIONS
3ST-26	38-40	--	--	--	100	93	70	31	Brown Silty Sand (SM)
3ST-31	18-20	--	--	100	95	71	45	31	Brown Silty Sand (SM)
3ST-32	18.5-21	--	--	100	95	71	44	31	Brown Silty Sand (SM)
3ST-32	23-25	--	100	99	94	67	38	28	Brown Silty Sand (SM)
3ST-34	30-32	100	99	99	98	78	73	42	Brown Silty Sand (SM)

GALVESTON DISTRICT LABORATORY 1096

SWG Form 267(C)
28 Jan 1965

PROJECT: Brazos Island Harbor

LOCATION: Brownsville Texas

TEST DATA SUMMARY

BORING NO. 3st-31

DATE DRILLED 6 Dec 1965

FIELD NO.	DEPTH	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.	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
C-1	0-2	Brown clay w/cal Nod 0-2	CL	H	4.5+		18.1	109			8.0	0	12	88	50	0	0	0	6
C-2	2-4	Brown Clay 2-8	CH	VST	2.5		19.7	105											
C-3	4-6	sandy 4-6		ST	1.0		23.8	101			19.0	0	28	72	50	0	0	0	14
C-4	6-8			M	0.75		24.8	98											
C-5	8-10	Brown Clay 8-18	CL	ST	1.5		32.1	87	42		15.0	0	10	90	50	0	0	0	5
C-6	10-12			ST	1.5		30.6	90											
C-7	12-14	sandy 12-14		M	0.5		29.2	94	31		8.0	0	24	76	50	0	0	0	12
C-8	14-16			M	0.5		32.7	87											
C-9	16-18			VST	2.0		28.7	91	40		17.0	0	2	98	50	0	0	0	1
J-1	18-20	Brown clayey silty sand 18-20	SC SM				22.3				3.0	0	69	31	50	0	0	0	69
C-10	20-22	Brown clayey sand 20-26	SC	VST	2.5		18.3	111											
C-11	22-24			H	4.5+		16.9	116			9.0	0	62	38	50	0	0	0	31
J-2	24-26			D		21	15.7												
C-12	26-28	Brown sandy clay 26-28	CL	H	4.5+		13.2	123	42		15.0	0	22	78	50	0	0	1	11
C-13	28-30	Brown clay 28-31	CH	H	4.5+		12.8	122			19.0	0	8	92	50	0	0	0	4
X	30-31	Cal Nod 28-30																	
C-14	31-33	Brown sandy silt 31-33	ML	VST	3.75		17.9	111			2.0	0	48	52	50	0	0	0	24
		Water seepage 15.5																	

KEY: CONSISTENCY — COHESIVE SOILS: VS (Very Soft), S (Soft), M (Medium), ST (Stiff), VST (Very Stiff), H

CONSISTENCY — COHESIONLESS SOILS: VL, L, M, D, VD

(1) Tons/Sq.Ft. Unconfined Compressive Strength
(2) Split Barrel Sampler

BORING NO. 3st-31