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-34

DATE DRILLED 1 Dec 1966

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
J-1	0-2	Brown sandy clay 0-2	CL				22.3				120	0	20	80	50	0	0	0	10
J-2	2-4	Brown clay 2-10	CH				53.4												
J-3	4-6						38.5												
X	6-8																		
C-1	8-10			M	0.75		35.8	83			22.0	0	4	96	50	0	0	0	2
C-2	10-12	Brown clay 10-12	CL	M	0.5		28.2	93			11.0	0	2	98	50	0	0	0	1
C-3	12-14.5	Brown clay 12-14.5	CH	ST	1.0		31.2	87			19.0	0	0	100	50	0	0	0	0
C-4	14.5-17	Brown clay 14.5-17	CL	M	0.75		30.0	92			11.0	0	0	100	50	0	0	0	0
C-5	17-19.5	Brown clayey silty sand	SC SM	ST	1.75		16.6	113											
C-6	19.5-22	17-30		H	4.25		16.2	113											
J-4	22-24						23.4												
X	24-26																		
C-7	26-28			VST	2.75		16.4	115			4.0	0	62	38	50	0	0	0	31
C-8	28-30			ST	1.75		17.0	114											
J-5	30-32	Brown silty sand	SM				20.1				0.0	0	58	42	100	0	0	0	58
X	32-34.5	30-34.5																	
C-9	34.5-37	Gray sandy clay 34.5-37	CL	ST	3.25		18.5	108			11.0	0	38	62	50	0	0	0	19
C-10	37-39.5	Brown clay 37-39.5	CH	H	4.5+		14.5	115											
C-11	39.5-42			H	4.5+		19.5	109											
C-12	42-44			H	4.5+		15.8	114			19.0	0	0	100	50	0	0	0	0
C-13	44-46			H	4.5+		15.2	114											
C-14	46-48			H	4.5+		20.0	108											
C-15	48-50	Brown clayey silt 48-50	CL ML	VST	2.25		22.8	104			4.0	0	2	98	50	0	0	0	1
C-16	50-52	Brown clay 50-52	CH	H	4.5+		18.6	111			19.0	0	2	98	50	0	0	1	1
C-17	52-54	Brown clay 52-53.8	CL	ST	1.25		17.9	110			6.0	0	2	98	50	0	0	0	1
C-18	54-56			VST	2.0		19.6	107			12.0	0	2	98	50	0	0	0	1
C-19	56-58			VST	3.0		19.9	109			10.0	0	2	98	50	0	0	0	1
		water 8.3'																	

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. 3st-34