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

SWG Form 267(C)
28 Jan 1965

PROJECT: Brazos Island Harbor

LOCATION: Brownsville Texas

BORING NO. 3st-19

TEST DATA SUMMARY

DATE DRILLED

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
	0-9½	Water																	
J-1	9½-11½	Brown Sandy Clay 9½'-12'	CL			19	34.7				14.0	0	30	70	50	0	0	0	15
C-1	11½-12			ST	1.0		29.3	93			18.0	0	18	82	50	0	0	1	9
C-2	12-14	Gray Clayey Sand 12'-22'	SC	M	0.75		23.6	102			9.0	0	56	44	50	0	0	0	28
X	14-16																		
C-3	16-18			H	4.25		16.2	115											
C-4	18-20			H	4.25	17	16.2	116			12.0	0	56	44	50	0	0	0	28
C-5	20-22			H	4.5+		18.7	110											
C-6	22-24	Brown Sandy Silt 22'-24'	ML	VST	3.0		17.3	111			2.0	0	34	66	50	0	0	0	17
C-7	24-26	Brown Clayey Sandy Silt 24'-26'	CL ML	ST	1.75		20.2	105			3.0	0	24	76	50	0	0	0	12
J-2	26-28	Brown + Gray Clay 26'-42'	CH			15	28.0												
C-8	28-30	with calnods 26'-40'		H	4.5		26.3	99			21.0	0	0	100	50	0	0	0	0
C-9	30-32			ST	3.0		23.5	100											
C-10	32-34			H	4.5+	23	21.2	106											
C-11	34-36			H	4.5		21.2	107											
C-12	36-38			H	4.5+		22.8	104	62		20.0	0	2	98	50	0	0	0	1
C-13	38-40			H	4.5+		19.2	111											
C-14	40-42			H	4.5+		19.1	107											
J-3	42-44	Brown Clayey Silt 42'-44'	CL ML			12	23.4				4.0	0	8	92	50	0	0	0	4
X	44-47	D.C. Same as above																	
X	47-48	D.C. Same as below																	
C-15	48-50	Gray + Brown Clay 48'-52'	CH	H	4.5+	22	27.0	101			23.0	0	0	100	50	0	0	0	0
C-16	50-52			H	4.5+		22.6	105											
		Bottom at 52'																	
		Tide .8' at 3:45 P.M.																	

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-19