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

TEST DATA SUMMARY

BORING NO. 3st-10

DATE DRILLED 17 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
	0-3	Water																	
C-1	3-5	Gray Clayey Sand 3'-5'	SC	VS	0.0		30.9	92											
C-2	5-7	Gray Clay 5'-7'	CL	M	0.5		27.1	96			6.0	0	34	66	50	0	0	0	17
X	7-10																		
X	10-13					22													
X	13-15																		
J-1	15-17	Gray Silty Sand	SM	D		12	22.4				1.0	0	74	26	50	0	0	0	37
X	17-18	D.C. same as below	SC																
C-3	18-20	Gray Clayey Sand 18'-22'	SC	H	4.25	15	15.4	117			6.0	0	64	36	50	0	0	1	32
J-2	20-22						15.4												
X	20-23																		
C-4	23-24	Gray Clay 23'-25'	CL	H	4.5		16.3	117			12.0	0	12	88	50	0	0	0	6
C-5	24-25			H	4.5		14.6	120			12.0	0	8	92	50	0	0	0	4
X	25-26	no recovery																	
C-6	26-27	Gray + Brown Clay 26'-40'		H	4.5		21.8	108											
X	27-28	w/ cal chalk 26'-32'				19													
C-7	28-30			H	4.5		21.3	107											
C-8	30-32			H	4.5		17.6	113											
C-9	32-34	MISSING		H	4.5														
C-10	34-36			H	4.5		21.2	110			18.0	0	2	98	50	0	0	0	1
C-11	36-38			H	4.5		19.7	110											
C-12	38-40			H	4.25		17.6	112											
C-13	40-42	Brown Silty Sand 40'-49'	SM	VST	3.0		20.2	107											
C-14	42-44			VST	2.25	21	20.1	105			1.0	0	16	84	50	0	0	0	8
J-3	44-46			D		27	24.0												
X	46-49																		
C-15	49-51	Brown Clay 49'-53'	CH	H	4.5		22.4	106											
C-16	51-53			H	4.5	22	21.0	110			18.0	0	2	98	50	0	0	0	1
		Bottom at 53'																	

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-10