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. 35+-25

DATE DRILLED 22 NOV 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
J-1	0 - 0½	Brown & Gray Clay 0' - 8'	CL				18.4												
C-1	0½ - 2			VST	3.25		20.4	106			10.0	0	8	92	50	0	0	0	4
C-2	2 - 4			VST	2.0	(14)	21.5	104											
C-3	4 - 6			ST	1.75		24.1	101	26		5.0	0	10	90	50	0	0	0	5
C-4	6 - 8			VST	2.0		26.4	97											
J-2	8 - 9	Brown Clay 8' - 18'	CH			(5)	34.8		56		15.0	0	8	92	50	0	0	0	4
C-5	9 - 10			M	0.75		38.6	84											
C-6	10 - 12			VST	2.25		31.5	92											
C-7	12 - 14			H	4.5	(9)	26.9	97	59		19.0	0	0	100	50	0	0	0	0
C-8	14 - 16	Th/ cal nods 14' - 16'		VST	3.0		31.3	91											
C-9	16 - 18			VST	3.25		28.8	92											
C-10	18 - 19½	Gray Sandy Clay 18' - 19½'	CL	ST	1.5		24.1	100			11.0	0	40	60	50	0	0	0	20
J-3	19½ - 21	Gray Silty Sand 19½ - 22'	SP SM	D		16	22.1				0.0	0	88	12	50	0	0	0	44
X	21 - 22																		
C-11	22 - 24	Gray Clayey Sand 22' - 30'	SC	H	4.5+		15.4	117											
J-4	24 - 26			VD		47	16.1				6.0	0	78	22	50	0	0	0	39
J-5	26 - 28			H	4.5+	(16)	15.9												
X	28 - 30																		
C-12	30 - 32	Brown & Gray Clay 30' - 34'	CL	H	4.5+	(19)	19.3	111	46		17.0	0	10	90	50	0	0	0	5
C-13	32 - 34	w/ cal nods 30' - 32'		VST	3.75		20.1	107			8.0	0	2	98	50	0	0	0	1
C-14	34 - 36	Brown & Gray Clay w/cal nod 34'-36'	CH	H	4.5+		21.4	105			18.0	0	0	100	50	0	0	0	0
C-15	36 - 38	Brown & Gray Silty Clay 36'-38'	CL	H	4.5+		21.5	106			10.0	0	2	98	50	0	0	0	1
X	38 - 40	O.C. Gray & Brown Sand																	
J-6	40 - 42	Gray & Brown Sandy Silt 40'-42'	ML				21.7												
X	42 - 45	no sample																	
J-7	45 - 47	Gray & Brown Sandy Silt 45'-48½'	ML				23.3				1.0	0	30	70	50	0	0	0	15
X	47 - 48½																		
C-16	48½ - 50	Brown Clay 48½' - 58'	CH	H	4.5+	(13)	23.0	105											
C-17	50 - 52			H	4.5+		21.7	106											
C-18	52 - 54			H	4.5+		22.8	105			18.0	0	0	100	50	0	0	0	0

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. in Init. Wt. = 100 - % Rtnd.

BORING NO. 35+-25

SWG Form 267(C)
28 Jan 1965

PROJECT: Fishing Boat Harbor

LOCATION: Brownsville Texas

TEST DATA SUMMARY

BORING NO. 35t-25

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			INIT. WT.	ACC. WT. RTND. SIEVE NO. (3)			
												GRVL	SAND	FINES		NO. 4	NO. 10	NO. 40	NO. 200
C-19	54-56			H	4.5+		23.6	104											
C-20	56-58			H	4.5+		24.7	103											
		water at 6.2'																	

KEY:

CONSISTENCY — COHESIVE SOILS						CONSISTENCY — COHESIONLESS SOILS				
VS	S	M	ST	VST	H	VL	L	M	D	VD
Very Soft	Soft	Medium	Stiff	Very Stiff	Hard	Very Loose	Loose	Medium	Dense	Very Dense

(1) Tons/Sq.Ft. Unconfined Compressive Strength
(2) Split Barrel Sampler
(3) Acc. Wt. Rtnd ÷ Init. Wt. x 100 = % Rtnd.

BORING NO. 35t-25