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

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28 Jan 1965

PROJECT: Brazos Island Harbor

LOCATION: Brownsville Texas

TEST DATA SUMMARY

BORING NO. 3st-26

DATE DRILLED 19 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
C-1	0-2	Brown + Gray Clay 0'-8	CL	H	4.5+		17.9	93											
C-2	2-4	w/cal nods 0'-2'		VST	2.5	22	26.1	100											
C-3	4-6			M	0.75		30.0	94	36		11.0	0	2	98	50	0	0	0	1
C-4	6-8			S	0.25	32	33.7	86			12.0	0	0	100	50	0	0	0	0
C-5	8-10	Brown + Gray Clay 8'-18'	CH	ST	1.25		34.7	86											
C-6	10-12			ST	1.75	35	31.0	90											
C-7	12-14			ST	1.75		35.4	88			21.0	0	0	100	50	0	0	0	0
C-8	14-16			H	4.5+		32.1	90											
C-9	16-18			VST	2.5	33	31.7	87											
C-10	18-20	Gray Clayey Sand 18'-20'	SC	ST	1.75		21.4	107			7.0	0	64	36	50	0	0	0	32
C-11	20-22	Brown + Gray Silty Clayey	SC SM	H	4.5+		17.5	112											
C-12	22-24	Sand 20'-28'		ST	1.5		16.2	115			3.0	0	72	28	50	0	0	0	36
C-13	24-26			H	4.5+		12.9	117											
J-1	26-28			M		13	21.8												
C-14	28-30	Brown + Gray Clay 28'-34'	CL	H	4.5+		15.2	113											
C-15	30-32	w/ cal nods 28'-32'		H	4.25	17	18.0	112	37		15.0	0	12	88	50	0	0	0	6
C-16	32-34	sandy 32'-34'		VST	2.5		16.8	112			7.0	0	42	58	50	0	0	0	21
J-2	34-36	Brown Silty Sand 34'-43'	SM	D		25	15.9				2.0	0	52	48	50	0	0	0	26
X	36-38																		
J-3	38-40					19	22.8				1.0								
X	40-43																		
J-4	43-45	Brown + Gray clayey Sand 43'-47'	SC	M		20	18.0				6.0	0	74	26	50	0	0	0	37
X	45-46																		
J-5	46-47					20	22.6												
C-17	47-48	Brown Clay 47'-58'	CH	H	4.5+		21.7	107											
C-18	48-50	w/Tr Gypsum 48'-50' + 52'-54'		H	4.5+		21.6	107			20.0	0	0	100	50	0	0	0	0
C-19	50-52	w/Tr cal nods 50'-52'		H	4.5+	23	22.5	106											
C-20	52-54			H	4.5+		23.6	103											
C-21	54-56			H	4.5+		22.2	106											
C-22	56-58	water at 7.0'		H	4.5+		25.0	101			22.0	0	0	100	50	0	0	0	0