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-33

DATE DRILLED 14 Jan 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 silty sand 0-2	SM				17.6				0.0	0	66	34	50	0	0	0	33
C-1	2-4	Gray sandy clay 2-8	CL	ST	1.0		27.5	93	44		15.0	2	14	84	50	1	1	1	8
C-2	4-6			ST	1.25		25.9	95			12.0	0	40	60	50	0	0	0	20
	6-8																		
C-3	8-10	Brown clay 8-14	CH	M	0.5		35.2	85											
C-4	10-12			M	0.5		37.8	86											
C-5	12-14			M	0.5		33.9	90			18.0	0	6	94	50	0	0	0	3
C-6	14-16	Gray clay 14-16	CL	ST	1.0		28.3	94			12.0	0	6	94	50	0	0	0	3
C-7	16-18	Brown clay 16-22	CH	M	0.75		35.5	89											
C-8	18-20			M	0.75		40.6	82			21.0	0	0	100	50	0	0	0	0
C-9	20-22			M	0.50		39.5	82											
C-10	22-24	Gray clayey sand 22-30	SC	VST	3.75		18.2	113											
C-11	24-26			H	4.5+		15.7	116											
C-12	26-28			H	4.5+		16.4	113			6.0	0	70	30	50	0	0	0	35
C-13	28-30			H	4.5+		16.2	115											
C-14	30-32	Brown sandy clay 30-32	CL	H	4.5+		16.5	115	42		16.0	0	36	64	50	0	0	0	18
C-15	32-34	Brown clayey sand 32-34	SC	VST	2.25		14.1	117			6.0	0	50	50	50	0	0	0	25
C-16	34-36	Brown clay 34-36	CH	H	4.5+		15.3	117	40		14.0	0	4	96	50	0	0	0	2
	36-38																		
	38-40																		
	40-42																		
	42-44																		
	44-46																		
	46-48																		
	48-50																		
	50-52																		
	52-54																		
	54-56																		
	56-58																		
	58-60																		

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-33