SWG Form 57
12 July 1971

GDLR NO 1431

PROJECT: BRAZOS ISLAND HARBOR

BORING NO. 72-206

TEST DATA SUMMARY

LOCATION:

DATE COMPLETED 14 December 1972

FIELD NO.	Sample Depth, Feet From	Sample Depth, Feet To	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.	Lab Sample No.	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
1C	1.3	2.0	Brown Clay w/sand layers 0'-4'	CH	M	0.50		34				1075									
2C	2.8	4.0			S	0.25		49	74	65	24	1076		0	2	98	50	0	0	0	1
3C	4.8	6.0	Brown Clay 4'-6'	CL	M	0.50		39	92	33	20	1077		0	6	94	50	0	0	0	3
4C	6.8	8.0	Brown Clay 6'-8'	CH	M	0.75		39	*	61	25	1078		0	2	98	50	0	0	0	1
5C	8.8	10.0	Brown Silt 8'-10'	ML	S	0.25		22	98	28	23	1079		0	8	92	50	0	0	0	4
6C	10.8	12.0	Brown Clay 10'-20'	CL	M	0.50		25				1080									
7C	13.5	14.0			ST	1.00		27				1081									
8C	14.8	16.0			M	0.50		31				1082									
9C	16.8	18.0			ST	1.50		34				1083									
10C	18.8	20.0			ST	1.75		33	89	41	21	1084		0	0	100	50	0	0	0	0
11C	20.8	22.0	Brown Clay 20'-38'	CH	VST	2.50		33		59	20	1085									
12C	22.8	24.0	sand layers 22'-32'		ST	1.00		33				1086									
13C	24.8	26.0			ST	1.50		32				1087									
14C	26.8	28.0			ST	1.00		41				1088									
15C	28.8	30.0			VST	2.50		39	81	68	25	1089		0	0	100	50	0	0	0	0
16C	30.8	32.0			S	0.25		59		58	21	1090									
17C	32.8	34.0			ST	1.50		40				1091									
18C	34.8	36.0			ST	1.00		48				1092									
19C	36.8	38.0			M	0.75		36				1093									
20C	38.8	40.0	Brown Clay w/silt layers 38'-40'	CL	ST	1.00		40	81	38	20	1094		0	0	100	50	0	0	0	0
21C	40.8	42.0	Brown Clay w/silt layers 40'-42'	CH	ST	1.00		47		54	20	1095									
22C	42.8	44.0	Gray Clay w/shell fragments 42'-46'		VST	2.50		24				1096									
23C	45.0	46.0			H	4.50		19				1097									
24C	46.8	48.0	Brown Clay w/calcareous nodules 46'-50'		VST	3.75		22		53	15	1098									
25C	48.8	50.0			VST	3.00		22				1099									

* Disturbed

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. 72-206

Bottomed at 50.0' Water at _____ Tide Reading _____

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BORING LOG
FIELD DATA

Project BRAZOS ISLAND HARBOR Location 28+000 LEFT Date 14 DECEMBER 1972
Drill Rig ARCO 550 #5 Inspector BLACKWELL Operator SMITH Surface elev
Levee District GALVESTON Job No. 1431 Boring No. 72-206

SAMPLE NUMBER	DATE TAKEN 1972	STRATUM FROM	STRATUM TO	DRIVE FROM	DRIVE TO	SAMPLE FROM	SAMPLE TO	TYPE OF SAMPLER	COUNTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
1	14 DEC.	0.0		0.0	2.0	1.3	2.0	3" SHELBY TUBE	TUBE	.25	BROWN CLAY WITH SAND POCKETS AND
2				2.0	4.0	2.8	4.0		TUBE	.25	SILT, SOFT.
3				4.0	6.0	4.8	6.0		TUBE	.25	
4				6.0	8.0	6.8	8.0		TUBE	.75	MEDIUM.
5			10.0	8.0	10.0	8.8	10.0		TUBE	.75	
6		10.0		10.0	12.0	10.8	12.0		TUBE	.25	BROWN, GRAY CLAY WITH SHELL,
											SILT AND SAND POCKETS, SOFT.
7				12.0	14.0	13.5	14.0		TUBE	.25	
8				14.0	16.0	14.8	16.0		TUBE	.25	
9				16.0	18.0	16.8	18.0		TUBE	1.75	STIFF.
10				18.0	20.0	18.8	20.0		TUBE	.25	SOFT.
11				20.0	22.0	20.8	22.0		TUBE	1.75	STIFF.
12			24.0	22.0	24.0	22.8	24.0		TUBE	1.25	
13		24.0		24.0	26.0	24.8	26.0		TUBE	1.00	GRAY CLAY WITH SILT AND SAND
14				26.0	28.0	26.8	28.0		TUBE	1.00	POCKETS, STIFF.
15				28.0	30.0	28.8	30.0		TUBE	2.00	VERY STIFF.
16				30.0	32.0	30.8	32.0		TUBE	.25	SOFT.

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BORING LOG
FIELD DATA

Project BRAZOS ISLAND HARBOR Location _____ Date 14 DECEMBER 1972
Drill Rig _____ Inspector _____ Operator _____ Surface elev. _____
Levee District _____ Job No. _____ Boring No. 72-206

SAMPLE NUMBER	DATE TAKEN	STRATUM FROM	STRATUM TO	DRIVE FROM	DRIVE TO	SAMPLE FROM	SAMPLE TO	TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
17				32.0	34.0	32.8	34.0		TUBE	0.75	MEDIUM.
18				34.0	36.0	34.8	36.0		TUBE	.50	
19				36.0	38.0	36.8	38.0		TUBE	.75	
20				38.0	40.0	38.8	40.0		TUBE	.75	
21			42.0	40.0	42.0	40.8	42.0		TUBE	.75	
22		42.0		42.0	44.0	42.8	44.0		TUBE	3.25	DARK GRAY CLAY WITH CALCAREOUS NODULES, VERY STIFF.
23			46.5	44.0	46.0	45.0	46.0		TUBE	3.75	
24		46.5	48.0	46.0	48.0	46.8	48.0		TUBE	2.25	LIGHT GRAY CLAY WITH CALCAREOUS NODULES, VERY STIFF.
25		48.0	50.0	48.0	50.0	48.8	50.0		TUBE	2.50	BROWN CLAY WITH CALCAREOUS NODULES, VERY STIFF.
	NO WATER TABLE AT										TOTAL DEPTH 50.0'
	WEIGHT OF HAMMER										
	DROP DISTANCE										

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