SWG Form 267
12 July 1971

GDLR NO 1431

PROJECT: BRAZOS ISLAND HARBOR

BORING NO. 72-210

TEST DATA SUMMARY

LOCATION: STATION 48+000 Left

DATE COMPLETED 22 January 1973

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. 73-	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
1J	0.5	2.0	Gray Silty Sand 0.5'-4'	SM				24				986	0	0	88	12	50	0	0	0	44
2C	4.8	6.0	Gray Clay 4'-12'	CH	VS	0.50		53				987									
3C	7.2	8.0			M	0.75		41				988									
4C	9.2	10.0			ST	1.25		35	87	50	24	989		0	0	100	50	0	0	0	0
5C	11.2	12.0			ST	1.50		33				990									
6C	12.8	14.0	Brown Clay w/calcareous nodules 12'-16.5'		ST	1.00		36				991									
7C	15.7	16.5			VST	2.00		35				992									
8C	17.5	18.5	Gray Clay w/sand layers 16.5'-20'	CL	VS	0.25		30	94	40	15	993		0	10	90	50	0	0	0	5
9C	19.0	20.0			M	0.50		33				994									
10C	21.2	22.0	Gray Clay w/sand pockets 20'-24'	CH	ST	1.25		29	☆	64	23	995		0	8	92	50	0	0	0	4
11C	22.8	24.0			ST	1.50		27				996									
12C	25.0	26.0	Gray Clayey Sand w/- 24'-32'	SC	VST	3.25		21	107	33	15	997		0	56	44	50	0	0	0	28
13C	26.8	28.0	calcareous nodules		H	4.25		18				998									
14C	29.3	30.0			H	4.50+		15	116	38	17	999		0	52	48	50	0	0	0	26
15C	31.5	32.0			H	4.50		15				1000									
16C	33.0	34.0	Brown Clay 32'-50'	CL	H	4.50		19				1001									
17C	34.8	36.0	sandy 32'-41'		H	4.25		23	105	39	19	1002		0	16	84	50	0	0	0	8
18C	40.2	41.0	calcareous material 44'-50'		H	4.50		21				1003									
19C	43.5	44.0			H	4.50		19	110	33	12	1004		0	2	98	50	0	0	0	1
20C	45.2	46.0			H	4.50+		18				1005									
21C	47.4	48.0			H	4.50+		19	112	32	20	1006		0	6	94	50	0	0	0	3
22C	49.3	50.0			H	4.50+		16				1007									

☆ 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. 72-210

Bottomed at 50.0' Water at _____ Tide Reading _____

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BORING LOG
FIELD DATA

Project BRAZOS ISLAND HARBOR Location STATION 48+000 LEFT Date 22 JAN 1973
Drill Rig ARCO 550 #5 Inspector BLACKWELL Operator BLACK Surface elev
Levee District GALVESTON Job No. 1431 Boring No. 72-210

SAMPLE NUMBER	DATE TAKEN 1973	STRATUM FROM	STRATUM TO	DRIVE FROM	DRIVE TO	SAMPLE FROM	SAMPLE TO	TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
	22 JAN.	0.0	0.5								DEPTH OF WATER
1		0.5		0.5	2.0	0.5	2.0	3" SHELBY TUBE	JAR	0.0	BROWN SILTY SAND.
			4.0	2.0	4.0	–	–		–		NO RECOVERY.
2		4.0		4.0	6.0	4.8	6.0		TUBE	.50	GRAY CLAY WITH SAND SEAMS AND
3				6.0	8.0	7.2	8.0		TUBE	.50	POCKETS, MEDIUM.
4				8.0	10.0	9.2	10.0		TUBE	1.00	STIFF.
5				10.0	12.0	11.2	12.0		TUBE	1.00	
6				12.0	14.0	12.8	14.0		TUBE	.50	MEDIUM.
7			16.5	14.0	16.5	15.7	16.5		TUBE	2.00	VERY STIFF.
8		16.5		16.5	18.5	17.5	18.5		TUBE	0.50	GRAY CLAY WITH SHELL AND SAND
9				18.5	20.0	19.0	20.0		TUBE	0.75	POCKETS, MEDIUM.
10			22.0	20.0	22.0	21.2	22.0		TUBE	0.75	
11		22.0		22.0	24.0	22.8	24.0		TUBE	1.25	GRAY SANDY CLAY WITH SILT
											POCKETS, STIFF.
12				24.0	26.0	25.0	26.0		TUBE	2.00	VERY STIFF.
13			28.0	26.0	28.0	26.8	28.0		TUBE	3.75	
14		28.0		28.0	30.0	29.3	30.0		TUBE	4.54	BROWN CLAYEY SAND WITH CALICHE, HARD

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BORING LOG
FIELD DATA

Project BRAZOS ISLAND HARBOR Location STATION 48+000 LEFT. Date
Drill Rig Inspector Operator Surface elev
Levee District Job No. Boring No. 72-210

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
15				30.0	32.0	31.5	32.0		TUBE	4.25	
16				32.0	34.0	33.0	34.0		TUBE	3.50	VERY STIFF.
17				34.0	36.0	34.8	36.0		TUBE	3.00	
				36.0	39.0			FISHTAIL			WASHED.
18				39.0	41.0	40.2	41.0	3" SHELBY TUBE	TUBE	3.75	
				41.0	42.0			FISHTAIL			WASHED.
19				42.0	44.0	43.5	44.0	3" SHELBY TUBE	TUBE	4.5+	HARD.
20				44.0	46.0	45.2	46.0		TUBE	4.5+	
21				46.0	48.0	47.4	48.0		TUBE	4.5+	
22			50.0	48.0	50.0	49.3	50.0		TUBE	4.5+	
											TOTAL DEPTH 50.0'
NO WATER TABLE AT											
WT OF HAMMER											
DROP DISTANCE											

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