SWG Form 267
12 July 71

GDLR NO 1431

PROJECT: BRAZOS ISLAND HARBOR

BORING NO. 72-212

TEST DATA SUMMARY

LOCATION: 58+000 left

DATE COMPLETED 29 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.	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	0.0	2.0	Brown Sandy Clay 0'-4'	CL				36		30	16	1035		0	36	64	50	0	0	0	18
2C	5.2	6.0	Gray Clay w/sand layers & pockets 4'-8'	CH	S	0.25		51				1036									
3C	7.2	8.0			S	0.25		46				1037									
4C	9.0	10.0	Brown Clay w/sand pockets 8'-12'		ST	1.50		35	86	55	22	1038		0	2	98	50	0	0	0	1
5C	11.3	12.0			ST	1.50		38				1039									
6C	12.8	14.0	Brown Clay 12'-14'	CL	M	0.75		29	*	38	22	1040		0	4	96	50	0	0	0	2
7C	15.0	16.0	Brown Clay 14'-16'	CH	ST	1.00		33	88	49	28	1041		0	8	92	50	0	0	0	4
8J	16.0	18.0	Gray Silty Sand 16'-18'	SM				20				1042	O	0	76	24	50	0	0	0	38
9J	19.5	20.0	Gray Clayey Sand 18'-24'	SC				19				1043									
10C	20.8	22.0			H	4.50+		17	114	35	15	1044		0	72	28	50	0	0	0	36
11C	22.8	24.0			H	4.00		16				1045									
12C	26.0	27.0	Brown Clay 24'-32'	CL	H	4.50		18	112	44	16	1046		0	8	92	50	0	0	0	4
13C	31.3	32.0			H	4.50+		19				1047									
14C	36.3	37.0	Brown Clay 32'-50'	CH	H	4.50+		18				1048									
15C	41.2	42.0			H	4.50+		19				1049									
16C	46.0	47.0			H	4.50+		21	106	66	22	1050		0	2	98	50	0	0	0	1
17C	49.1	50.0			H	4.50		19				1051									

* 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. 72-212

Bottomed at 50.0' Water at _____ Tide Reading _____

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BORING LOG
FIELD DATA

Project BRAZOS ISLAND HARBOR Location 58+000 LEFT Date 29 JAN 1973
Drill Rig ARCO 550 #5 Inspector BLACKWELL Operator BLACK Surface elev
Levee District GALVESTON Job No. 1431 Boring No. 72-212

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
1	29 JAN	0.0		0.0	2.0	0.0	2.0	3" SHELBY TUBE	JAR	0.0	BROWN SAND, DISTURBED.
			4.0	2.0	4.0	–	–				NO RECOVERY.
2		4.0		4.0	6.0	5.2	6.0		TUBE	0.25	GRAY CLAY WITH SILT AND SAND, SOFT.
3				6.0	8.0	7.2	8.0		TUBE	0.25	
4				8.0	10.0	9.0	10.0		TUBE	1.25	STIFF.
5				10.0	12.0	11.3	12.0		TUBE	0.75	MEDIUM.
6			14.0	12.0	14.0	12.8	14.0		TUBE	1.00	STIFF.
7		14.0	16.0	14.0	16.0	15.0	16.0		TUBE	0.75	GRAY CLAY WITH SAND LAYERS AND
											GYPSUM, MEDIUM.
8		16.0	18.0	16.0	18.0	16.0	18.0		JAR	0.0	GRAY SAND, VERY SOFT.
9		18.0	20.0	18.0	20.0	19.5	20.0		JAR	0.50	GRAY SANDY CLAY, MEDIUM.
10		20.0		20.0	22.0	20.8	22.0		TUBE	4.25	GRAY CLAY WITH SAND LAYERS AND
											POCKETS, HARD.
11			24.0	22.0	24.0	22.8	24.0		TUBE	3.50	VERY STIFF.
				24.0	25.0			FISHTAIL			WASHED.
12		24.0		25.0	27.0	26.0	27.0	3" SHELBY TUBE	TUBE	4.00	VERY STIFF.
				27.0	30.0	–	–	FISHTAIL	–		WASHED

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Sheet 1 of 2 Sheets

BORING LOG
FIELD DATA

Project BRAZOS ISLAND HARBOR Location _____ Date 29 JAN 1972
Drill Rig _____ Inspector _____ Operator _____ Surface elev _____
Levee District _____ Job No. _____ Boring No. 72-212

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
13				30.0	32.0	31.3	32.0	3" SHELBY TUBE	TUBE	3.50	
				32.0	35.0	–	–	FISHTAIL			WASHED
14				35.0	37.0	36.3	37.0	3" SHELBY TUBE	TUBE	4.54	HARD
				37.0	40.0	-	-	FISHTAIL			WASHED
15				40.0	42.0	41.2	42.0	3" SHELBY TUBE	TUBE	4.54	
				42.0	45.0	–	–	FISHTAIL			WASHED
16				45.0	47.0	46.0	47.0	3" SHELBY TUBE	TUBE	4.54	
				47.0	48.0	–	–	FISHTAIL			WASHED
17			50.0	48.0	50.0	49.1	50.0	3" SHELBY TUBE	TUBE	4.54	
~~NO.~~/WATER TABLE/AT				-1.0'							TOTAL DEPTH 50.0'
WEIGHT OF HAMMER											
DROP DISTANCE											

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