SWG Form 267
12 July 71

GDLR NO 1431

PROJECT: BRAZOS ISLAND HARBOR

BORING NO. 72-211

TEST DATA SUMMARY

LOCATION: 53+000 Left

DATE COMPLETED 26 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
1C	1.2	2.0	Brown Clay 0'-4'	CH	VS	0.0		46				1008									
2C	4.8	6.0	Gray Clay w/silt layers 4'-9.3'		M	0.50		47				1009									
3C	6.8	8.0			S	0.25		43	76	42	25	1010		0	4	96	50	0	1	1	2
4C	9.3	10.0	Brown Clay 9.3'-12'		ST	1.50		37				1011									
5C	11.5	12.0			ST	1.50		34				1012									
6C	13.2	14.0	Gray Clay 12'-14'		ST	1.50		29				1013									
7C	15.2	16.0	Brown Clay 14'-16'		VST	2.00		33	89	27	26	1014		0	4	96	50	0	0	0	2
8C	17.0	18.0	Gray Clay 16'-18'		M	2.75		33				1015									
9C	19.0	20.0	Gray Sandy Clay 18'-20'	CL	M	0.75		22				1016									
10C	21.2	22.0	Brown Sandy Clay 20'-26'		H	4.50		16				1017									
11C	23.0	24.0	w/calcareous material		H	4.50		17	117	35	13	1018		0	36	64	50	0	0	1	18
12C	25.0	26.0			H	4.25		17				1019									
13C	27.0	28.0	Brown Clay w/calcareous 26'-30'	CH	H	4.25		19				1020									
14C	28.8	30.0	material		H	4.50		22	103	39	24	1021		0	8	92	50	0	0	0	4
15C	30.8	32.0	Gray Clay w/calcareous material 30'-32'	CL	VST	2.00		18	*	42	15	1022		0	14	86	50	0	0	1	7
16C	32.8	34.0	Brown Clay 32'-50'	CH	H	4.50+		19				1023									
17C	35.2	36.0	0.4' sand layer at 47.5'		H	4.50+		21				1024									
18C	37.3	38.0			H	4.50+		19				1025									
19C	39.0	40.0			H	4.50		21	106	57	22	1026		0	0	100	50	0	0	0	0
20C	40.8	42.0			VST	2.75		21				1027									
21C	43.5	44.0			H	4.50+		20				1028									
22C	45.3	46.0			H	4.50+		19				1029									
23C	47.2	48.0			H	4.00		22				1030									
24C	49.0	50.0			H	4.50+		21	108	53	19	1031		0	2	98	50	0	0	0	1

* 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. 72-211

Bottomed at 50.0' Water at _____ Tide Reading _____

Sheet 1 of sheets 1

BORING LOG
FIELD DATA

Project BRAZOS ISLAND HARBOR Location 53+000 LEFT Date 26 JAN. 1973
Drill Rig ARCO 550 #5 Inspector BLACKWELL Operator BLACK Surface elev
Levee District GALVESTON Job No. 1431 Boring No. 72-211

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	26 JAN	0.0		0.0	2.0	1.2	2.0	3" SHELBY TUBE	TUBE	0.0	TAN CLAY WITH SAND AND SILT, VERY SOFT.
			4.0	2.0	4.0	–	–		–		NO RECOVERY.
2		4.0		4.0	6.0	4.8	6.0		TUBE	0.25	GRAY CLAY WITH SILT AND SAND POCKETS,
3			9.3	6.0	8.0	6.8	8.0		TUBE	0.25	SOFT.
4		9.3		8.0	10.0	9.3	10.0		TUBE	0.25	BROWN CLAY WITH TRACE SAND AND
											SILT, SOFT.
5				10.0	12.0	11.5	12.0		TUBE	1.50	STIFF.
6				12.0	14.0	13.2	14.0		TUBE	1.50	
7			16.0	14.0	16.0	15.2	16.0		TUBE	1.50	
8		16.0		16.0	18.0	17.0	18.0		TUBE	0.0	GRAY CLAY WITH SAND AND CALICHE,
											VERY SOFT.
9				18.0	20.0	19.0	20.0		TUBE	0.50	MEDIUM.
10				20.0	22.0	21.2	22.0		TUBE	3.75	VERY STIFF.
11				22.0	24.0	23.0	24.0		TUBE	4.54	HARD
12				24.0	26.0	25.0	26.0		TUBE	4.50	
13			28.0	26.0	28.0	27.0	28.0		TUBE	4.50	
14		28.0	30.0	28.0	30.0	28.8	30.0		TUBE	4.50	BROWN CLAY WITH CALICHE, HARD

WES FORM NO. 819 REV NOV 1971 PREVIOUS EDITION IS OBSOLETE

BORING LOG
FIELD DATA

Project BRAZOS ISLAND HARBOR Location _____ Date _____
Drill Rig _____ Inspector _____ Operator _____ Surface elev _____
Levee District _____ Job No. _____ Boring No. 72-211

SAMPLE NUMBER	DATE TAKEN	STRATUM FROM	STRATUM TO	DRIVE FROM	DRIVE TO	SAMPLE FROM	SAMPLE TO	TYPE OF SAMPLER	CONTAIN.	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
15		30.0	32.0	30.0	32.0	30.8	32.0		TUBE	3.75	GRAY CLAY WITH SAND LAYERS AND
											CALICHE, VERY STIFF.
16		32.0		32.0	34.0	32.8	34.0		TUBE	4.50	BROWN CLAY WITH CALICHE AND SAND
17				34.0	36.0	35.2	36.0		TUBE	4.50	POCKETS, HARD.
18				36.0	38.0	37.3	38.0		TUBE	4.5+	
19				38.0	40.0	39.0	40.0		TUBE	4.5+	
20				40.0	42.0	40.8	42.0		TUBE	3.00	VERY STIFF.
21				42.0	44.0	43.5	44.0		TUBE	4.5+	
22			46.0	44.0	46.0	45.3	46.0		TUBE	4.25	
23		46.0	48.0	46.0	48.0	47.2	48.0		TUBE	3.50	BROWN CLAY WITH SILT AND SAND
											POCKETS, VERY STIFF.
24		48.0	50.0	48.0	50.0	49.0	50.0		TUBE	4.50	BROWN CLAY, HARD.
		NO WATER TABLE AT									
		WEIGHT OF HAMMER									
		DROP DISTANCE									

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