SWG Form 267
12 July 71

GDLR NO 1431

PROJECT: BRAZOS ISLAND HARBOR

BORING NO. 72-213

TEST DATA SUMMARY

LOCATION: 62+996.25 left

DATE COMPLETED 20 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	0.8	2.0	Brown & Gray Sandy Clay 0'-6'	CL	S	0.25		18				1052									
2C	2.8	4.0			M	0.75		36	84	40	15	1053		0	42	58	50	0	0	0	21
3C	5.1	6.0			S	0.25		38				1054									
4J	6.0	8.0	Brown Silty Sand 6'-17.5'	SM				22				1055									
5J	8.0	10.0						23				1056									
6J	13.5	14.0						28				1057									
7C	16.8	18.0			ST	1.00		19	109			1058	O	0	80	20	50	0	0	0	40
8C	19.0	20.0	Brown Clayey Sand 17.5'-22'	SC	H	4.50+		16				1059									
9C	20.8	22.0			H	4.50+		16	114	32	14	1060		0	66	34	50	0	0	0	33
10J	23.5	24.0	Gray Clay w/calcareous material 22'-24'	CL	H	4.50+		17		47	16	1061		0	14	86	50	0	0	0	7
11C	25.2	26.0	Gray Sandy Clay w/ 24'-28'		H	4.25		17	115	48	14	1062		0	20	80	50	0	0	0	10
12J	27.5	28.0	calcareous material		H	4.50+		16		47	14	1063		0	18	82	50	0	0	0	9
13C	29.2	30.0	Brown Clay 28'-42'	CH	H	4.50+		18				1064									
14C	30.8	32.0			H	4.50+		27				1065									
15C	33.0	34.0			H	4.50+		20				1066									
16C	35.2	36.0			H	4.50+		22				1067									
17C	37.0	38.0			H	4.50+		19	108	52	17	1068		0	4	96	50	0	0	0	2
18C	38.8	40.0			VST	3.50		23				1069									
19C	41.1	42.0			VST	3.25		19				1070									
20C	43.0	44.0	Brown Clay 42'-48'	CL	VST	2.75		21	105	38	16	1071		0	14	86	50	0	0	0	7
21C	45.2	46.0	0.3' sand layer at 47.5'		ST	1.75		23	101	32	19	1072		0	2	98	50	0	0	0	1
22C	47.1	48.0			VST	3.00		22	104	29	20	1073		0	6	94	50	0	0	0	3
23C	48.8	50.0	Brown Clay 48'-50'	CH	H	4.50+		22	104	44	21	1074		0	2	98	50	0	0	0	1

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. 72-213

Bottomed at 50.0' Water at _____ Tide Reading _____

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BORING LOG
FIELD DATA

Project BRAZOS ISLAND HARBOR Location STATION 62+996.25 LEFT Date 30 JAN. 1973
Drill Rig ARUO 550 #5 Inspector BLACKWELL Operator BLACK Surface elev
Levee District GALVESTON Job No. 1431 Boring No. 72-213

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	30 JAN	0.0		0.0	2.0	0.8	2.0	3" SHELBY TUBE	TUBE	0.0	GRAY SAND WITH CLAY BINDER AND
											ROOTS, VERY SOFT
2				2.0	4.0	2.8	4.0		TUBE	0.25	SOFT.
3			6.0	4.0	6.0	5.1	6.0		TUBE	0.25	
4		6.0		6.0	8.0	6.0	8.0		JAR	0.0	BROWN SAND, VERY SOFT.
5				8.0	8.5	8.0	10.0	DRIVE SAMPLER	JAR	0.0	
				8.5	9.0						2 BLOWS
				9.0	9.5						1 BLOW
				9.5	10.0						
			13.5	10.0	13.0	—	—	3" SHELBY TUBE	—		WASHED.
6		13.5		13.0	14.0	13.5	14.0		JAR	0.50	BROWN SAND WITH CLAY LAYERS, MEDIUM.
			17.5	14.0	16.0	—	—		—		WASHED
7		17.5		16.0	18.0	16.8	18.0		TUBE	2.25	GRAY CLAY WITH SAND SEAMS AND
											CALICHE, VERY STIFF.
8				18.0	20.0	19.0	20.0		TUBE	4.5+	HARD.
9				20.0	22.0	20.8	22.0		TUBE	4.5+	
10				22.0	24.0	23.5	24.0		JAR	4.5+	COULD NOT EXTRUDE.

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BORING LOG
FIELD DATA

Project BRAZOS ISLAND HARBOR Location _____ Date _____
Drill Rig _____ Inspector _____ Operator _____ Surface elev _____
Levee District _____ Job No. _____ Boring No. 72-213

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
11				24.0	26.0	25.2	26.0		TUBE	4.5+	
12			28.0	26.0	28.0	27.5	28.0		JAR	4.5+	DISTURBED.
13		28.0		28.0	30.0	29.2	30.0		TUBE	4.5+	BROWN CLAY WITH CALICHE, HARD.
14				30.0	32.0	30.8	32.0		TUBE	4.50	
15				32.0	34.0	33.0	34.0		TUBE	4.5+	
16				34.0	36.0	35.2	36.0		TUBE	4.5+	
17			38.0	36.0	38.0	37.0	38.0		TUBE	4.5+	
18		38.0		38.0	40.0	38.8	40.0		TUBE	3.00	BROWN CLAY WITH SAND POCKETS, VERY STIFF.
19				40.0	42.0	41.1	42.0		TUBE	2.75	
20			44.0	42.0	44.0	43.0	44.0		TUBE	3.25	
21		44.0		44.0	46.0	45.2	46.0		TUBE	1.75	BROWN CLAY WITH SAND POCKETS, STIFF.
22			48.0	46.0	48.0	47.1	48.0		TUBE	1.75	
23		48.0	50.0	48.0	50.0	48.8	50.0		TUBE	4.5+	BROWN CLAY, HARD.
~~NO~~/WATER TABLE/AT				+0.3'							
WEIGHT OF HAMMER			140#								TOTAL DEPTH 50.0'
DROP DISTANCE			30"								

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