SWG Form 67
12 July 71

GDLR NO 1431

PROJECT: BRAZOS ISLAND HARBOR

BORING NO. 72-201

TEST DATA SUMMARY

LOCATION:

DATE COMPLETED 1 February 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	Shell Fragments w/sand 0'-4'	SP-SM				18				1100	0	0	92	8	50	0	3	20	46
2J	4.0	6.0	Brown Silty Sandy 4'-9.2'	SM	✓			25				1101									
3J	6.0	8.0			✓			27				1102	0	0	50	50	50	0	0	0	25
4C	8.8	10.0	Brown Clay w/sand layers 9.2'-18'	CH	VST	2.00		28				1103									
5C	11.4	12.0			ST	1.25		38				1104									
6C	12.8	14.0			M	0.75		40				1105									
7C	14.8	16.0			M	0.50		47		73	26	1106		0	0	0		0	0	0	0
8C	17.0	18.0			M	0.75		37				1107									
9C	18.8	20.0	Brown Clayey Silt w/sand layers 18'-20'	CL ML	M	0.50		32		27	21	1108		0	2	98		0	0	0	1
10C	20.8	22.0	Brown Clay 20'-26'	CH	M	0.50		39				1109									
11C	23.0	24.0			ST	1.50		34		59	24	1110		0	2	98		0	0	0	1
12C	25.0	26.0			ST	1.50		30				1111									
13C	26.8	28.0	Brown Clay 26'-28'	CL	ST	1.50		30		43	20	1112		0	0	0		0	0	0	0
14C	29.2	30.0	Brown Clay 28'-50'	CH	VST	2.00		34				1113									
15C	31.0	32.0	shell fragments 32'-34'		ST	1.50		36				1114									
16C	32.8	34.0	sandy 48'-50'		ST	1.25		30				1115									
17C	38.8	40.0			M	0.75		37		65	25	1116		0	0	0		0	0	0	0
18C	43.8	45.0			M	0.75		41				1117									
19C	48.8	50.0			VST	2.50		30		50	23	1118		0	16	84		0	0	0	8

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. 72-201

Bottomed at 50.0' Water at Tide Reading

Sheet 1 of sheets 1

BORING LOG
FIELD DATA

Project BRAZOS ISLAND HARBOR Location SHEET 1 Date 1 FEB. 1973
Drill Rig MARSH BUGGY Inspector Operator BLACK Surface elev
Levee District GALVESTON Job No. 1431 Boring No. 72-201

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
14	1 FEB			28.0	30.0	29.2	30.0	3" SHELBY TUBE	CONT.	1.00	
15	1 FEB			30.0	32.0	31.0	32.0	3" SHELBY TUBE	CONT	1.00	WITH GRAY MOTTLES
16	1 FEB.		33.0	32.0	34.0	32.8	34.0	3" SHELBY TUBE	CONT	0.00	DARK BROWN SILTY SANDY CLAY WITH SHELL
		33.0		34.0	38.0						WASHED
17	1 FEB			38.0	40.0	38.8	40.0	3" SHELBY TUBE	CONT	0.00	SHELL DECREASING
				40.0	43.0						WASHED
18	1 FEB			43.0	45.0	43.8	45.0	3" SHELBY TUBE	CONT	0.25	SHELL ABSENT
				45.0	48.0						WASHED
19	1 FEB		50.0	48.0	50.0	48.8	50.0	3" SHELBY TUBE	CONT	1.25	WITH SOME MORE SANDY LAYERS
						BOTTOMED AT 50.0'					WATER TABLE @ 0.0
	~~NO~~/WATER ~~TABLE~~/AT 0.0'										
	WEIGHT OF HAMMER										
	DROP DISTANCE										

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Sheet 2 of 2 Sheets

BORING LOG
FIELD DATA

Project: BRAZOS ISLAND HARBOR
Location: APPROXIMATELY 200' LEFT REFERENCE LINE, STATION 3+000
Date: FEBRUARY 1973
Drill Rig: MARSH BUGGY
Inspector: MINOR
Operator: BLACK
Surface elev.:
Levee District: GALVESTON
Job No.: 1431
Boring No.: 72-201

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	1 FEB.	0.0		0.0	2.0	0.0	2.0	3" SHELBY TUBE	JAR-1		GRAY-BROWN SAND AND SHELL DETRITUS
			4.0	2.0	4.0	—	—	3" SHELBY TUBE	—		NO RECOVERY
2	1 FEB	4.0		4.0	6.0	4.0	6.0	3" SHELBY TUBE	JAR 2		BROWN SILTY SAND.
3	1 FEB			6.0	8.0	6.0	8.0		JAR		
			9.2								
4	1 FEB	9.2		8.0	10.0	8.8	10.0	3" SHELBY TUBE	CONT 1	0.75	BROWN SILTY CLAY, WITH SILTY SAND SEAMS. MEDIUM
5	1 FEB			10.0	12.0	11.4	12.0	3" SHELBY TUBE	CONT 2	1.50	STIFF
6	1 FEB			12.0	14.0	12.8	14.0	3" SHELBY TUBE	CONT 3	0.00	VERY SOFT
7	1 FEB		16.0	14.0	16.0	14.8	16.0	3" SHELBY TUBE	CONT 4	0.25	WITH GRAY GREEN SEAMS
8	1 FEB	16.0		16.0	18.0	17.0	18.0	3" SHELBY TUBE	CONT		GRAY BROWN CLAYEY. VERY SANDY SILT. WITH
											DISPERSED GYP AND MICA. SOFT
9	1 FEB			18.0	20.0	18.8	20.0	3" SHELBY TUBE	CONT	1.00	MEDIUM
10	1 FEB		22.0	20.0	22.0	20.8	22.0	3" SHELBY TUBE	CONT	0.50	SOFT
11		22.0		22.0	24.0	23.0	24.0	3" SHELBY TUBE	CONT	1.00	GRAY GREEN BROWN SILTY SANDY CLAY
											MEDIUM
12	1 FEB			24.0	26.0	25.0	26.0	3" SHELBY TUBE	CONT	1.00	
13	1 FEB			26.0	28.0	26.8	28.0	3" SHELBY TUBE	CONT	1.00	

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