SWG Form 7
12 July 1971

GDLR NO 1431

PROJECT: BRAZOS ISLAND HARBOR

BORING NO. 72-208

TEST DATA SUMMARY

LOCATION: STATION 38+000

DATE COMPLETED 18 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	0.0	2.0	Brown Clay 0'-14'	CH	VS	0.0		43	78	52	21	910		0	4	96	50	0	0	0	2
2C	3.2	4.0			M	0.50		35				911									
3C	4.8	6.0			M	0.50		38	86	52	23	912		0	0	100	50	0	0	0	0
4C	6.8	8.0			ST	1.00		29				913									
5C	8.8	10.0			ST	1.00		32				914									
6C	11.2	12.0			ST	1.50		34	87	53	22	915		0	0	100	50	0	0	0	0
7C	12.8	14.0			M	0.75		31				916									
8C	14.8	16.0	Brown Clay 14'-17.6'	CL	S	0.25		31	93	39	23	917		0	4	96	50	0	0	0	2
9C	16.8	18.0	Gray Sandy Silt 17.6'-22'	ML	VS	0.0		24	101			918	2	0	36	64	50	0	0	0	18
10J	20.0	22.0						29				919									
11C	22.8	24.0	Brown Sandy Clay 22'-30'	CL	M	0.50		28				920									
12C	24.8	26.0	sand layers 24'-26'		ST	1.00		27	95	29	19	921		0	16	82	50	0	0	0	9
13C	26.8	28.0	gypsum 26'-28'		M	0.75		29				922									
14C	28.8	30.0	calcareous nodules 28'-30'		M	0.50		31	90	36	22	923		0	0	100	50	0	0	0	0
15C	30.8	32.0	Brown Silt 30'-34'	ML	M	0.75		27				924									
16C	32.8	34.0			ST	1.75		30	95			925	1	0	4	96	50	0	0	0	2
17C	35.0	36.0	Brown Clay 34'-38'	CH	VST	2.00		31				926									
18C	37.0	38.0			ST	1.75		35	87	62	24	927		0	0	100	50	0	0	0	0
19C	38.8	40.0	Brown Sandy Clay 38'-46'	CL	S	0.25		23				928									
20C	40.8	42.0			ST	1.00		23				929									
21C	42.8	44.0			M	0.75		21	106	40	13	930		0	34	66	50	0	0	3	17
22C	44.8	46.0			ST	1.25		22				931									
23C	46.8	48.0	Brown Silty Sand 46'-50'	SM	ST	1.25		20	109			932	1	0	72	28	50	0	0	0	36
24C	48.8	50.0			ST	1.25		19	111			933	2.5	0	66	32	50	0	0	0	34

KEY: CONSISTENCY — COHESIVE SOILS: VS Very Soft, S Soft, M Medium, ST Stiff, VST Very Stiff, R 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. 72-208

Bottomed at 50.0' Water at _____ Tide Reading _____

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BORING LOG
FIELD DATA

Project BRAZOS ISLAND HARBOR
Location STATION 38+000 LEFT
Date 18 JANUARY 1973
Drill Rig ARCO 550 #5
Inspector BLACKWELL
Operator BLACK
Surface elev
Levee District GALVESTON
Job No. 1431
Boring No. 72-208

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	18 JAN	0.0		0.0	2.0	0.0	2.0	3" SHELBY TUBE	TUBE	.25	TAN, GRAY CLAY WITH SAND POCKETS, SOFT.
2				2.0	4.0	3.2	4.0		TUBE	.25	
3				4.0	6.0	4.8	6.0		TUBE	.50	MEDIUM.
4				6.0	8.0	6.8	8.0		TUBE	1.00	STIFF.
5				8.0	10.0	8.8	10.0		TUBE	.75	MEDIUM.
6			12.0	10.0	12.0	11.2	12.0		TUBE	1.00	STIFF.
7		12.0		12.0	14.0	12.8	14.0		TUBE	.50	GRAY CLAY WITH SAND AND CALCAREOUS NODULES, MEDIUM.
8			17.6	14.0	16.0	14.8	16.0		TUBE	.25	SOFT.
9		17.6		16.0	18.0	16.8	18.0		TUBE	.25	GRAY SAND WITH CLAY BINDER, SOFT.
				18.0	20.0	—	—		—		NO RECOVERY. LOOSE
10			22.0	20.0	22.0	20.0	22.0		JAR	0.0	
11		22.0		22.0	24.0	22.8	24.0		TUBE	.25	GRAY CLAY WITH SILT AND SAND SEAMS, SOFT.
12				24.0	26.0	24.8	26.0		TUBE	1.00	STIFF.
13				26.0	28.0	26.8	28.0		TUBE	.75	MEDIUM.
14				28.0	30.0	28.8	30.0		TUBE	.25	SOFT

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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. 72-208

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	30.8	32.0		TUBE	1.25	STIFF.
16			34.0	32.0	34.0	32.8	34.0		TUBE	2.25	VERY STIFF.
17		34.0		34.0	36.0	35.0	36.0		TUBE	2.25	GRAY CLAY WITH CALICHE AND TRACE SAND, VERY STIFF.
18			38.0	36.0	38.0	37.0	38.0		TUBE	.25	SOFT.
19		38.0		38.0	40.0	38.8	40.0		TUBE	.25	GRAY CLAY WITH SAND POCKETS, SOFT.
20			42.0	40.0	42.0	40.8	42.0		TUBE	.50	MEDIUM.
21		42.0		42.0	44.0	42.8	44.0		TUBE	.25	GRAY CLAY WITH SAND AND CALCAREOUS NODULES, SOFT.
22			46.0	44.0	46.0	44.8	46.0		TUBE	.25	
23		46.0		46.0	48.0	46.8	48.0		TUBE	1.75	GRAY SAND WITH CLAY BINDER, STIFF.
24			50.0	48.0	50.0	48.8	50.0		TUBE	1.50	
	NO WATER TABLE AT										TOTAL DEPTH 50.0'
	WEIGHT OF HAMMER			140#							
	DROP DISTANCE			30"							

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