SWG Form 7
12 July 1971

GDLR NO 1431

PROJECT: BRAZOS ISLAND HARBOR

BORING NO. 72-204

TEST DATA SUMMARY

LOCATION: 19+000 Left

DATE COMPLETED 18 December 1972

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	1.0	Gray Sandy Clay 0'-4'	CL	VS	0.0		46				833									
2C	1.0	2.0			VS	0.0		45	75	43	21	834		0	16	84	50	0	0	0	8
3C	2.8	4.0			S	0.25		45				835									
4C	5.0	6.0	Brown Clay 4'-10'		M	0.50		32	93	47	21	836		0	8	92	50	0	0	0	4
5C	7.5	8.0						29		30	18	837		0	2	98	50	0	0	0	1
6C	9.5	10.0			S	0.25		35	88	41	21	838		0	6	94	50	0	0	0	3
7J	10.8	12.0	Brown Sandy Clayey Silt 10'-12'	CL-ML	ST	1.00		26	98	28	25	839	4	0	36	64	50	0	0	0	18
8C	12.8	14.0	Brown Silty Sand 12'-14'	SM	S	0.25		24	102			840	0	0	68	32	50	0	0	0	34
9C	14.8	16.0	Gray Clay w/sand layers 14'-28'	CH	M	0.50		42				841									
10C	17.5	18.0	gypsum 18-20' & 22'-28'		M	0.75		35				842									
11C	18.3	20.0			ST	1.00		32				843									
12C	21.3	22.0			M	0.50		31				844									
13C	23.0	24.0			VST	2.00		32	89	60	27	845		0	0	100	50	0	0	0	0
14C	24.8	26.0			M	0.75		36				[illegible]									
15C	26.8	28.0	Gray Clay 26'-28'	CL	M	0.50		30	94	32	19	847		0	2	98	50	0	0	0	1
16C	28.8	30.0	Gray Sandy Silt w/clay layers 28'-30'	ML	ST	1.25		28	96			848	1	0	22	78	50	0	0	0	11
17C	30.8	32.0	Gray Clayey Silt 30'-32'	CL-ML	M	0.50		29	92	28	23	849	4	0	4	96	50	0	0	0	2
18C	32.8	34.0	Brown Clay 32'-42'	CL	M	0.50		36				850									
19C	34.8	36.0	gypsum 34'-36', small shell 36'-38'		ST	1.25		43				851									
20C	36.8	38.0	sand layers 40'-42'		M	0.75		29	94	48	20	852		0	6	94	50	0	0	0	3
21C	38.8	40.0			ST	1.25		28	94	47	22	853		0	2	98	50	0	0	0	1
22C	41.5	42.0			VST	2.00		29				854									
23C	43.0	44.0	Brown Silty Sand 42'-50'	SM	ST	1.75		24				855									
24C	45.3	46.0			VST	2.00		26	*			856	0	0	82	18	50	0	0	0	41
25J	48.0	50.0						35				857									
									*	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. 72-204

Bottomed at 50.0' Water at -1.0' Tide Reading _____

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BORING LOG
FIELD DATA

Project BRAZOS ISLAND HARBOR Location 19+000 LEFT Date 18 DECEMBER 1972
Drill Rig ARCO 550 #5 Inspector BLACKWELL Operator SMITH Surface elev
Levee District GALVESTON Job No. 1431 Boring No. 72-204

SAMPLE NUMBER	DATE TAKEN 1972	STRATUM FROM	STRATUM TO	DRIVE FROM	DRIVE TO	SAMPLE FROM	SAMPLE TO	TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
1	18 DEC.	0.0		0.0	1.0	0.0	1.0	3" SHELBY TUBE	TUBE	0.0	GRAY SANDY CLAY WITH SHELL,
											VERY SOFT.
2				1.0	2.0	1.0	2.0		TUBE	0.0	
3			4.0	2.0	4.0	2.8	4.0		TUBE	0.0	
4		4.0		4.0	6.0	5.0	6.0		TUBE	0.0	BROWN, GRAY CLAY WITH TRACE SAND, VERY SOFT
5				6.0	8.0	7.5	8.0		TUBE	.25	SOFT.
6				8.0	10.0	9.5	10.0		TUBE	.25	
7			13.5	10.0	12.0	10.8	12.0		JAR	1.00	STIFF.
8		13.5	14.0	12.0	14.0	12.8	14.0		TUBE	0.0	BROWN SAND WITH CLAY BINDER, VERY SOFT
9		14.0		14.0	16.0	14.8	16.0		TUBE	.50	GRAY, BROWN CLAY WITH SAND POCKETS,
10				16.0	18.0	17.5	18.0		TUBE	.75	MEDIUM. DISTURBED.
11				18.0	20.0	18.3	20.0		TUBE	.50	DISTURBED
12				20.0	22.0	21.3	22.0		TUBE	.50	
13				22.0	24.0	23.0	24.0		TUBE	1.75	STIFF.
14				24.0	26.0	24.8	26.0		TUBE	.50	MEDIUM.
15				26.0	28.0	26.8	28.0		TUBE	.25	SOFT.
16			30.0	28.0	30.0	28.8	30.0		TUBE	.50	MEDIUM.

BORING LOG
FIELD DATA

Project BRAZOS ISLAND HARBOR Location 19+000 LEFT Date
Drill Rig Inspector Operator Surface elev
Levee District Job No. Boring No. 72-204

SAMPLE NUMBER	DATE TAKEN 1972	STRATUM FROM	STRATUM TO	DRIVE FROM	DRIVE TO	SAMPLE FROM	SAMPLE TO	TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
17	18 DEC.	30.0	32.0	30.0	32.0	30.8	32.0		TUBE	0.0	GRAY CLAY WITH SAND POCKETS, VERY SOFT.
18		32.0	34.0	32.0	34.0	32.8	34.0		TUBE	0.0	GRAY CLAY WITH TRACE SILT, VERY SOFT.
19		34.0		34.0	36.0	34.8	36.0		TUBE	1.75	GRAY CLAY WITH GYPSUM AND SHELL, STIFF.
20				36.0	38.0	36.8	38.0		TUBE	0.0	
21				38.0	40.0	38.8	40.0		TUBE	.75	MEDIUM.
22				40.0	42.0	41.5	42.0		TUBE	1.25	STIFF
23			44.0	42.0	44.0	43.0	44.0		TUBE	.25	SOFT.
24		44.0		44.0	46.0	45.3	46.0		TUBE		GRAY SAND WITH CLAY BINDER.
25			48.0	46.0	48.0	–	–		–		NO RECOVERY.
26		48.0	50.0	48.0	50.0	48.0	50.0		JAR	0.0	GRAY SAND WITH TRACE CLAY AND SHELL, VERY LOOSE SOFT.
	~~NO~~/WATER ~~TABLE~~/AT			-1.0'							TOTAL DEPTH 50.0'
	WEIGHT OF HAMMER										
	DROP DISTANCE										

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

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