SWG Form 267
12 July 1971

GDLR NO 1431

PROJECT: BRAZOS ISLAND HARBOR

BORING NO. 72-205

TEST DATA SUMMARY

LOCATION: 23+000 left

DATE COMPLETED 15 Dec 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	0.8	2.0	Brown Clay w/silt seams	0.5'-2'	CH	M	0.50		41	82	59	20	858		0	10	90	50	0	0	0	5
2C	2.8	4.0	Brown Sandy Clay	2'-4'	CL	M	0.50		35	83	32	16	859		0	38	62	50	0	0	0	19
3C	4.8	6.0	Brown Clay	4'-8'	CH	ST	1.50		34				860									
4C	7.0	8.0	limonite nodules 4'-6'			M	0.50		38	84	61	25	861		0	0	100	50	0	0	0	0
5C	8.8	10.0	Brown Clay	8'-12'	CL	ST	1.00		29				862									
6C	10.8	12.0				ST	1.50		28	96	31	22	863		0	2	98	50	0	0	0	1
7C	13.3	14.0	Brown Clay w/gypsum	12'-14'	CH	M	0.75		34	87	61	25	864		0	2	98	50	0	0	0	1
8C	14.8	16.0	Gray Clay	14'-18'		ST	1.25		35				865									
9C	17.3	18.0				ST	1.50		30				866									
10C	19.0	20.0	Brown Clay	18'-20'		ST	1.00		30				867									
11C	20.8	22.0	Brown Clay	20'-24'	CL	S	0.25		29	*	32	21	868		0	2	98	50	0	0	0	1
12C	24.8	26.0	Brown Clay	24'-42'	CH	ST	1.00		30				869									
13C	26.8	28.0	shell fragments 36'-42'			M	0.50		38				870									
14C	29.5	30.0							30				871									
15C	33.0	34.0				M	0.75		40				872									
16C	34.8	36.0				M	0.75		43	75	47	27	873		0	2	98	50	0	0	0	1
17C	36.8	38.0				ST	1.75		34				874									
18C	38.8	40.0				M	0.75		32				875									
19C	40.8	42.0				M	0.75		44				876									
20C	42.8	44.0	Gray Clay	42'-50'	CL	ST	1.50		35				877									
21C	45.0	46.0	shell fragments 42'-44, sandy 46'-48'			VST	2.75		17				878									
22C	47.0	48.0	calcareous nodules 44'-46'			H	4.25		19	110	35	14	879		0	30	70	50	0	0	0	15
23C	48.8	50.0	sand lenses 46'-48'			ST	1.75		21				880									

* 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. 72-205

Bottomed at 50.0' Water at _____ Tide Reading _____

Sheet 1 of sheets 1

BORING LOG
FIELD DATA

Project BRAZOS ISLAND HARBOR Location 23+000 LEFT Date 15 DECEMBER 1972
Drill Rig ARCO 550 #5 Inspector BLACKWELL Operator SMITH Surface elev
Levee District GALVESTON Job No. 1431 Boring No. 72-205

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
	15 DEC.	0.0	0.5								WATER DEPTH.
1		0.5		0.5	2.0	0.8	2.0	3" SHELBY TUBE	TUBE	0.25	BROWN CLAY SILTY SAND, SOFT.
2				2.0	4.0	2.8	4.0		TUBE	0.0	VERY SOFT.
3				4.0	6.0	4.8	6.0		TUBE	1.50	STIFF.
4				6.0	8.0	7.0	8.0		TUBE	0.25	SOFT.
5				8.0	10.0	8.8	10.0		TUBE	1.00	STIFF
6				10.0	12.0	10.8	12.0		TUBE	1.25	"
7				12.0	14.0	13.3	14.0		TUBE	1.00	"
8				14.0	16.0	14.8	16.0		TUBE	.25	SOFT.
9				16.0	18.0	17.3	18.0		TUBE	.75	MEDIUM
10				18.0	20.0	19.0	20.0		TUBE	.25	SOFT
11				20.0	22.0	20.8	22.0		TUBE	.25	
				22.0	24.0	—	—		—		NO RECOVERY
12				24.0	26.0	24.8	26.0		TUBE	.50	MEDIUM
13			29.5	26.0	28.0	26.8	28.0		TUBE	.50	
14		29.5		28.0	30.0	29.5	30.0		TUBE	1.00	BROWN CLAY, STIFF.
				30.0	32.0	—	—		—		NO RECOVERY

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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. 72-205

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				32.0	34.0	33.0	34.0		TUBE	.25	
16				34.0	36.0	34.8	36.0		TUBE	.25	
17			38.0	36.0	38.0	36.8	38.0		TUBE	.25	
18		38.0		38.0	40.0	38.8	40.0		TUBE	.25	BROWN CLAY, SHELL, SOFT.
19				40.0	42.0	40.8	42.0		TUBE	.50	MEDIUM.
20			44.0	42.0	44.0	42.8	44.0		TUBE	1.25	
21		44.0	46.0	44.0	46.0	45.0	46.0		TUBE	1.50	DARK BROWN CLAY WITH SHELL, STIFF.
22		46.0		46.0	48.0	47.0	48.0		TUBE	2.75	LIGHT BROWN CLAY, VERY STIFF.
23			50	48.0	50.0	48.8	50.0		TUBE	1.00	STIFF
											TOTAL DEPTH 50.0'
	NO/WATER TABLE/AT										
	WEIGHT OF HAMMER										
	DROP DISTANCE										

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Sheet 2 of 2 Sheets