BORING LOG
FIELD DATA

Project HOUSTON SHIP CHANNEL — Location STATION 10+500 400' RIGHT & — Date 31 MAY 1972

Drill Rig ARCO 550 HD — Inspector LANGFORD — Operator ECK — Surface elev TIDE +2.5

Levee District GALVESTON — Job No. — Boring No. 72-96

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
	31 MAY	0.0	12.6								WATER DEPTH 1700 HOURS
1		12.6		12.6	15.0	13.8	15.0	3" SHELBY TUBE	TUBE	0.0	GRAY SANDY CLAY, VERY SOFT.
				15.0	20.0			FISHTAIL			WASHED
2				20.0	22.0	20.8	22.0	3" SHELBY TUBE	TUBE	0.0	WITH SHELL
				22.0	25.0			FISHTAIL			WASHED
3				25.0	27.0	25.8	27.0	3" SHELBY TUBE	TUBE	0.0	
				27.0	30.0			FISHTAIL			WASHED
4				30.0	32.0	30.8	32.0	3" SHELBY TUBE	TUBE	0.0	
			35.0	32.0	35.0			FISHTAIL			WASHED
5		35.0		35.0	37.0	35.8	37.0	3" SHELBY TUBE	TUBE	.50	GRAY CLAY WITH SAND LENSES,
											MEDIUM
				37.0	40.0			FISHTAIL			WASHED
6				40.0	42.0	40.8	42.0	3" SHELBY TUBE	TUBE	.50	
				42.0	45.0			FISHTAIL			WASHED
7				45.0	47.0	45.8	47.0	3" SHELBY TUBE	TUBE	.50	
			51.0	47.0	50.0			FISHTAIL			WASHED
8		51.0		50.0	52.0	50.8	52.0	3" SHELBY TUBE	TUBE	.50	GRAY SAND, MEDIUM

BORING LOG
FIELD DATA

Project HOUSTON SHIP CHANNEL Location STATION 107+00 900' RIGHT ℄ Date
Drill Rig Inspector Operator Surface elev
Levee District Job No. Boring No. 72-96

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
				52.0	55.0			FISHTAIL			WASHED
9			57.0	55.0	57.0	55.8	57.0	3" SHELBY TUBE	TUBE	0.0	VERY SOFT.
		57.0		57.0	60.0			FISHTAIL			WASHED, GRAY, BROWN CLAY WITH
10			62.0	60.0	62.0	60,8	6 2.0	3" SHELBY TUBE	TUBE	2.50	ORGANIC MATERIAL, VERY STIFF
											TOTAL DEPTH 62.0'
											NO WATER TABLE AT
											WEIGHT OF HAMMER 140#
											DROP DISTANCE 30"

WES FORM NO. 819 REV NOV 1971 PREVIOUS EDITION IS OBSOLETE

SWG Form 267

12 Jul 971

GDLR NO 1401

PROJECT: HOUSTON SHIP CHANNEL

BORING NO. 72-96

LOCATION:

TEST DATA SUMMARY

DATE COMPLETED 31 May 1972

FIELD NO.	Sample Depth, Feet From	Sample Depth, Feet To	CLASSIFICATION	SYMBOL	CONSISTENCY	POCKET (1) PENETROMETER	STAN. PENET. BLOWS/FT (2)	MOISTURE CONTENT %	DRY DENSITY p. c. f.	L.L.	P.L.	Lab Sample No. 72	BAR L.S.	SIEVE ANALYSIS PERCENT GRVL	SAND	FINES	WT. INIT.	ACC. WT. RTND. SIEVE NO. (3) NO. 4	NO. 10	NO. 40	NO. 200
			ELEVATION TOP BORING _____ Water 0'-12.6'																		
1C	13.8	15.0	Gray Sandy Clay w/shell fragments 12.6'-20'	CH	VS	0.0		49	72	55		1818		0	38	62	50	0	0	0	12
2C	20.8	22.0	Gray Sandy Clay w/shell fragments 20'-30'	CL	S	0.25		22	104			1819									
3C	25.8	27.0			VS	0.0		31	91	34		1820		0	38	62	50	0	0	0	19
4C	30.8	32.0	Gray Clay w/sand pockets 30'-51'	CH	M	0.50		12	78			1821									
5C	35.8	37.0			M	0.50		43	75	55		1822		0	10	90	50	0	0	0	5
6C	40.8	42.0			M	0.75		49	70			1823									
7C	45.8	47.0			M	0.75		57	64			1824									
8C	50.8	52.0	Gray Sandy Clayey Silt 51'-55'	CL-ML	M	1.50		22	102	26		1825	3	0	32	68	50	0	0	0	16
9C	55.8	57.0	Gray Clayey Silty Sand 55'-57'	SM-SC	ST	1.00		21	107			1826	3	0	70	30	50	0	0	0	35
10C	60.8	62.0	Gray Clay 57'-62'	CH	H	4.00		20	109	55		1827		0	10	90	50	0	0	0	5

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.

Bottomed at 62.0' Water at _____ Tide Reading +2.5

BORING NO. 72-96

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