BORING LOG
FIELD DATA

Project HOUSTON SHIP CHANNEL Location STATION 70+000, 100' RIGHT Date 24 MAY 1972
Drill Rig ARCO 550 HD Inspector LANGFORD Operator ECK Surface elev TIDE +2.1
Levee District GALVESTON Job No. Boring No. 72-43

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
	24MAY	0.0	15.5								WATER DEPTH 15.5' 1500 HOURS
1		15.5		15.5	18.0	15.5	18.0	3" SHELBY TUBE	JAR	0.0	GRAY SANDY CLAY WITH
											SHELL, VERY SOFT.
				18.0	20.0						NO RECOVERY
				18.0	20.0						NO RECOVERY
				20.0	22.0						NO RECOVERY
				20.0	22.0						NO RECOVERY
2				22.0	25.0	22.0	25.0		JAR		WASH SAMPLE
			27.0	25.0	28.0			FISHTAIL			WASHED
3		27.0		28.0	30.0	28.8	30.0	3" SHELBY TUBE	TUBE	0.0	GRAY SANDY CLAY, VERY SOFT,
				30.0	33.0			FISHTAIL			WASHED
4				33.0	35.0	33.0	35.0	3" SHELBY TUBE	TUBE	.25	SOFT
				35.0	38.0			FISHTAIL			WASHED
5				38.0	40.0	38.0	40.0	3" SHELBY TUBE	TUBE	0.0	VERY SOFT.
				40.0	43.0			FISHTAIL			WASHED
6				43.0	45.0	43.0	45.0	3" SHELBY TUBE	TUBE	.25	SOFT
				45.0	48.0			FISHTAIL			WASHED

WES FORM NO. 819 REV NOV 1971 PREVIOUS EDITION IS OBSOLETE

SWG Form 267
12 Ju[illegible] 1971

GDLR NO 1401

PROJECT: HOUSTON SHIP CHANNEL

BORING NO. 72-43

LOCATION: Station 72+000, 400' right ℄

TEST DATA SUMMARY

DATE COMPLETED 24 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.	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
			ELEVATION TOP BORING _____ Water 0' - 15.5'																		
1J	15.5	18.0	Gray Clay w/shell fragments 15.5' - 22'	CL				40		36		2083		0	2	98	50	0	0	0	1
2J	22.0	25.0	Sand & shell 22' - 27'	SP				52				2084		13	63	24	361	48	[illegible]	139	275
3C	28.8	30.0	Gray Clay 27' - 62'	CH	S	0.25		77	*			2085									
4C	33.0	35.0	organic material 27'-60'		M	0.50		66	58	88		2086		0	0	100	50	0	0	0	0
5C	38.0	40.0	shell fragments 43'-45' & 53'-55'		S	0.75		67	60			2087									
6C	43.0	45.0	sand layers 48'-62'		M	0.50		61	62			2088									
7C	48.3	50.0			M	0.75		68	59	71		2089		0	2	98	50	0	0	0	1
8C	53.1	55.0			M	0.75		74	55			2090									
9C	60.6	62.0			M	0.75		64	59			2091									

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. 72-43

Bottomed at 62.0' Water at _____ Tide Reading +2.1

Sheet 1 of sheets 1