BORING LOG
FIELD DATA

Project HOUSTON SHIP CHANNEL Location STATION 50+000 400' RIGHT ℄ Date 25 MAY 1972
Drill Rig ARCO 550 HD Inspector LANGFORD Operator ECK Surface elev TIDE +2.2
Levee District GALVESTON Job No. Boring No. 72-47

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
	25MAY	0.0	9.6								WATER DEPTH 9.6' 1730 HOURS
1		9.6		9.6	11.0			3" SHELBY TUBE	JAR	0.0	DARK GRAY CLAY WITH SHELL,
			11.0								VERY SOFT.
2		11.0		11.0	13.0	11.9	13.0		TUBE	0.0	GRAY SANDY CLAY, VERY SOFT
				13.0	15.0			FISHTAIL			WASHED
3				15.0	17.0	15.0	17.0	3" SHELBY TUBE	JAR		
				17.0	20.0			FISHTAIL			WASHED
4				20.0	22.0	20.0	21.0	3" SHELBY TUBE	TUBE	0.0	
				22.0	23.0			FISHTAIL			WASHED
				23.0	25.0	—	—	3" SHELBY TUBE			NO RECOVERY
			26.0	25.0	26.0			FISHTAIL			WASHED
5		26.0		26.0	28.0	26.0	27.0	3" SHELBY TUBE	TUBE	0.0	GRAY SANDY CLAY WITH SHELL,
6				28.0	30.0	29.0	30.0		TUBE	0.0	VERY SOFT.
			33.0	30.0	33.0			FISHTAIL			WASHED
7		33.0		33.0	35.0	33.8	35.0	3" SHELBY TUBE	TUBE	.25	GRAY SANDY ORGANIC CLAY, SOFT.
				35.0	38.0			FISHTAIL			
8			40.0	38.0	40.0	38.8	40.0	3" SHELBY TUBE	TUBE	0.0	MIXED MUD

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Drill Rig Inspector Operator Surface elev
Levee District Job No. Boring No. 72-47

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
				40.0	40.5			DRIVE SAMPLER			GRAY SAND NO RECOVERY
				40.5	41.0						19 BLOWS
				41.0	41.5						23 BLOWS
				41.5	45.0			FISHTAIL			
9				45.0	45.5	45.0	47.0	DRIVE SAMPLER	JAR		
				45.5	46.0						6 BLOWS
				46.0	46.5						7 BLOWS
				46.5	47.0						
			50.0	47.0	50.0			FISHTAIL			WASHED
10		50.0		50.0	52.0	50.8	52.0	3" SHELBY TUBE	TUBE	.50	GRAY SILTY SAND WITH CLAY
			55.0								LAYERS, MEDIUM
		55.0	56.0	52.0	55.0			FISHTAIL			WASHED. GRAY CLAYEY SILT, MEDIUM.
11		56.0		55.0	57.0	55.8	57.0	3" DRIVE SAMPLER	TUBE	3.25	BROWN, GRAY CLAY, VERY STIFF.
				57.0	60.0			FISHTAIL			WASHED
12			62.0	60.0	62.0	60.8	62.0	3" SHELBY TUBE	TUBE	2.25	
DRIVE	SAMPLER	2" X	1 3/8" X	24"	NO WATER TABLE AT						TOTAL DEPTH 62.0

WES FORM NO. 819 REV NOV 1971 PREVIOUS EDITION IS OBSOLETE

WEIGHT OF HAMMER 140 #

DROP DISTANCE 30"

SWG Form 267
12 Jul 1971

GDLR NO 1401

PROJECT: HOUSTON SHIP CHANNEL

BORING NO. 72-47

LOCATION:

TEST DATA SUMMARY

DATE COMPLETED 25 May 1972

FIELD NO.	Sample Depth, Feet From	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																		
1J	9.6	11.0	Gray Sandy Clay w/shell	CL	VS	0.0		27				2015									
			9.6'-26'																		
2C	11.9	13.0			VS	0.0		24	*	29		2016		0	48	52	50	0	0	0	24
3J	15.0	17.0						36				2017									
4C	20.0	21.0			VS	0.0		32	*			2018									
5C	26.0	27.0	Gray Clay	CH	VS	0.0		43	76			2019									
			26'-40'																		
6C	29.0	30.0	sand pockets & shell 26'-33'		S	0.25		53	68	56		2020		0	6	94	50	0	0	0	3
7C	33.8	35.0			M	0.50		22	47			2021									
8C	38.8	40.0			ST	1.00		16	78			2022									
9J	45.0	47.0	Gray Sand	SP	M		13	20				2023	0	0	98	2	50	0	0	25	17
			40'-50'																		
10C	50.8	52.0	Gray & Brown Clay	CL	M	0.50		26	98	32		2024		0	2	98	50	0	0	0	1
			50'-55'																		
11C	55.8	57.0	Brown Clay	CH	VST	2.00		29	92	55		2025		0	0	100	50	0	0	0	0
			55'-62'																		
12C	60.8	62.0			VST	2.50		29	95			2026									
									*		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. 72-47

Bottomed at 62.0' Water at Tide Reading +2.2

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