BORING LOG
FIELD DATA

Project HOUSTON SHIP CHANNEL Location STA 78+000 4.00' RIGHT Q Date 5-24-72
Drill Rig ABCO 550 HD Inspector MINOR Operator SMITH Surface elev TIDE + 2.0
Levee District GALVESTON, TEXAS Job No. Boring No. 72-41

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
	5-24-72	0.0	13.6								WATER
1		13.6		13.6	15.0	14.4	15.0	3" SHELBY TUBE	CONT	0.00	DARK GRAY SILTY, SLIGHTLY SANDY CLAY
											WITH SHELL AND SHELL DETRITUS WEIGHT
											KELLY, 1 ROD, TUBE PENETRATED,
											PENETRATION) BRAKED
2	5-24-72			15.0	17.5	16.3	17.5	3" SHELBY TUBE	CONT.	0.00	SAME PENETRATION/ EFFORT
				17.5	20.0						WASHED
3	5-24-72			20.0	22.5	21.3	22.5	3" SHELBY TUBE	CONT	0.00	LESS SHELL. SAME PENETRATION
											EFFORT + 1 1/2 RODS
				22.5	25.0						WASHED
4	5-24-72			25.0	27.5	26.3	27.5	3" SHELBY TUBE	CONT	0.00	SAME PENETRATION) EFFORT AS 22.0-22.5
				27.5	30.0						
5	5-24-72			30.0	32.5	31.3	32.5	3" SHELBY TUBE	CONT	0.00	NO APPLIED PRESSURE FOR PENETRATION
				32.5	40.0						WASHED (35.0-40.0 ACCIDENTALLY)
6	5-24-72			40.0	42.0	41.3	42.5	3" SHELBY TUBE	CONT	0.00	NO APPLIED PRESSURE FOR PENETRATION
				42.5	45.0						WASHED
7	5-24-72			45.0	47.5	46.3	47.5	3" SHELBY TUBE	CONT	0.00	APPLIED PRESSURE REQUIRED

BORING LOG
FIELD DATA

Project HOUSTON SHIP CHANNEL Location 78+000 400' RIGHT ℄ Date 5-24-72
Drill Rig ARCO 550 HD Inspector MINOR Operator SMITH Surface elev. TIDE + 2.2
Levee District GALVESTON Job No. Boring No. 72-41

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
	5-24-72			47.5	50.0						WASHED
8				50.0	52.5	51.3	52.5	3" SHELBY TUBE	COUT	0.00	WITH SAND LAMINAE SHELL LAYERS
				52.5	55.0						WASHED
9	5-24-72			55.0	57.5	56.3	57.5	3" SHELBY TUBE	COUT	0.25	WITH HIGH ORGANIC MATTER CONTENT
				57.5	60.0						WASHED
10	5-24-72			60.0	62.5	61.3	62.5	3" SHELBY TUBE	COUT	0.50	
							BOTTOMED IN ABOVE				
							COMPLETED 1120				
											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WES FORM NO. 819 REV NOV 1971 PREVIOUS EDITION IS OBSOLETE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 July 71,

GDLR NO 1401

PROJECT: HOUSTON SHIP CHANNEL

BORING NO. 72-41

LOCATION: Station 78+000, 400' right ℄

TEST DATA SUMMARY

DATE COMPLETED 24 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 0'- 13.6'																		
1C	14.4	15.0	Gray Clay 13.6'-62.5'	CH	VS	0.0		97	*			2105									
2C	16.3	17.5	shell fragments 13.6'-45'		VS	0.0		74	56			2106									
3C	21.3	22.5	Sand pockets 25'-45'		VS	0.0		89	49	79		2107		0	0	100	50	0	0	0	0
4C	26.3	27.5	Sand layers 50-52.5'		VS	0.0		88	50			2107									
5C	31.3	32.5			VS	0.0		89	49			2108									
6C	41.3	42.5			S	0.25		83	53	83		2109		0	0	100	50	0	0	0	0
7C	46.3	47.5			S	0.25		87	50			2110									
8C	51.3	52.5			S	0.25		70	56	90		2111		0	0	100	50	0	0	0	0
9C	56.3	57.5			S	0.25		87	51			2112									
10C	61.3	62.5			M	0.75		58	66			2113									
									*	Unstable											

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. 72-41

Bottomed at 62.5' Water at _____ Tide Reading +2.0

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