

BORING LOG FIELD DATA

Project HOUSTON SHIP CHANNEL

Location STA 25+000, 900' LEFT C. Date 5-30-72

Drill Rig ARCO 550 HD Inspector MINOR

Operator SMITH

Surface elev. TIDE + 2.5

Levee District GALVESTON

Job No. _____

Boring No. 72-52

SAMPLE NUMBER	DATE TAKEN 1972	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
		FROM	TO	FROM	TO	FROM	TO				
	30 MAY	0.0	10.0								WATER
1	"	10.0		10.0	14.0	10°	11 ⁵	3" SHELBY TUBE	JAR		GRAY CLAY WITH SHELL, VERY SOFT KELLY, 1 ROD, TUBE PENETRATED TO 14.0, PENETRATION BRAKED
				14.0	15.0						WASHED
2	"		16.5	15.0	17.5	16 ³	17 ⁵	3" SHELBY TUBE	CONT	3.25	BROWN CLAY, VERY STIFF
		16.5									
				17.5	20.0						WASHED
3	"			20.0	22.5	21 ³	22.4	3" SHELBY TUBE	CONT	2.00	WITH SILT LAYERS
				22.5	25.0						WASHED
4	"			25.0	27.5	26 ³	27.5	3" SHELBY TUBE	CONT	3.50	
				27.5	30.0						WASHED
5	"			30.0	32.5	31.3	32.5	3" SHELBY TUBE	CONT	3.25	
			33.5	32.5	38.5						WASHED, PROBABLY BROWN SILT
6		33.5	39.0	38.5	39.0	38.5		SPLIT SPOON	JAR		SPLIT SPOON, 5 BROWN SILT, 1.5 BROWN CLAY
		39.0		39.0	39.5						6 BLOWS, RUSTY BROWN CLAY VERY STIFF
				39.5	40.0		40.0				6 BLOWS

BORING LOG
FIELD DATA

Project HOUSTON SHIP CHANNEL Location STA 25+000, 400' LEFT C Date 5-30-72
 Drill Rig ARCO 550 HD Inspector MINOR Operator SMITH Surface elev. TIDE +2.5
 Levee District GALVESTON Job No. _____ Boring No. 72-52

SAMPLE NUMBER	DATE TAKEN 1972	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
		FROM	TO	FROM	TO	FROM	TO				
	30 MAY			40.0	40.5						RETAIN SAMPLE
7	"			40.5	43.0	41.8	43.0	3" SHELBY TUBE	CONT.	1.25	WITH SILT LAYERS. BECOMING DARK GRAY
				43.0	45.0						WASHED
8				45.0	47.5	46.3	47.5	3" SHELBY TUBE	CONT.	1.75	BECOMING MORE SANDY. WITH ORGANIC MATTER.
				47.5	50.0						WASHED
9			50.0	50.0	52.5	51.3	52.5	3" SHELBY TUBE	CONT.	3.75	GRAY GREEN SILTY CLAYEY SAND
											VERY STIFF.
		50.0	55.0	52.5	60.0						WASHED ADDITIONAL 55.0-60.0
											AFTER SAMPLE MISSED
10		55.0		60.0	60.5	60.0		SPLIT SPOON	JAR		SPAT SPOON. BROWN MEDIUM SAND. WITH SILT STONE
											AND CLAYEY SEAMS.
				60.5	61.0						32 BLOWS
				61.0	61.5						REFUSAL
				61.5	62.0		62.0				RETAIN SAMPLE
NO WATER TABLE/AT								BOTTOMED AT 62.0'			
WEIGHT OF HAMMER			140 #					COMPLETED AT 1100			
DROP DISTANCE			30 "					DRIVE SAMPLER			2" X 1 3/8" X 24"

12 Jul 1971

PROJECT: HOUSTON SHIP CHANNEL

GDLR NO 1401

BORING NO. 72-52

LOCATION:

TEST DATA SUMMARY

DATE COMPLETED 30 May 1972

FIELD NO.	Sample Depth, Feet		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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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KEY: CONSISTENCY — COHESIVE SOILS CONSISTENCY — COHESIONLESS SOILS

VS S H ST VST H VL L M D VD

Very Soft Soft Medium Stiff Very Stiff Hard Very Loose Loose Medium Dense Very Dense

Bottomed at 62.0'

Water at +10.0

Tide Reading +2.5

(1) Tons/Sq. Ft. Unconfined Compressive Strength
(2) Split Barrel Sampler
(3) Acc. Wt. Retd. : Init. Wt. x 100 = % Retd.

BORING NO. 72-52

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