

BORING LOG **FIELD DATA**

Project HOUSTON SHIP CHANNEL Location STA 55+000 400' LEFT Date 5-25-72
 Drill Rig ARCO-550HD Inspector MINOR Operator SMITH Surface elev TIDE +2.3
 Levee District GALVESTON Job No. _____ Boring No. 72-46

SAMPLE NUMBER	DATE TAKEN 1972	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
		FROM	TO	FROM	TO	FROM	TO				
	25 May	0.0	10.7								WATER
1	"	10.7		10.7	13.2	12.1	13.2	3" SHELBY TUBE	CONT	0.00	GRAY SANDY SILTY CLAY. WITH SHELL DETRITUS WEIGHT KELLY, 1 ROD, TUBE PENETRATED TO 13.2. PENETRATION BRAKED
2	"		14.5	13.2	17.5	16.3	17.5	3" SHELBY TUBE	CONT	0.00	
		14.5									GRAY SANDY SILTY CLAY. VERY SOFT
				17.5	22.5	-	-	3" SHELBY TUBE	-	-	MISSING, SAME AS ABOVE
				22.5	25.0						WASHED
3	"			25.0	27.5	26.3	27.5	3" SHELBY TUBE	CONT	0.00	WITH ORGANIC MATTER
				27.5	30.0						WASHED
4	"			30.0	32.5	31.3	32.5	3" SHELBY TUBE	CONT	0.00	
			35.0	32.5	35.0						GRAY SAND
		35.0		35.0	38.0	35.0	38.0				GRAY SAND WASH SAMPLE
5				38.0	38.5			DRIVE HAMMER	JAR		SEAT PENETROMETER
				38.5	39.0			"			21 BLOWS - GRAY SAND
				39.0	39.5			"			23 BLOWS GRAY SAND
				39.5	40.0			"			RETAIN SAMPLE

BORING LOG FIELD DATA

Project HOUSTON SHIP CHANNEL Location STA. 55+000 400' LEFT Date 5-25-72
 Drill Rig ARCO 550 HD Inspector MINOR Operator SMITH Surface elev. TIDE + 2.3 1300 HOURS
 Levee District GALVESTON Job No. 72-46 Boring No. 72-46

SAMPLE NUMBER	DATE TAKEN	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
		FROM	TO	FROM	TO	FROM	TO				
	25 MAY			40.0	43.0						WASH
6				43.0	43.5			DRIVE HAMMER	JAR		SEAT PENETROMETER
				43.5	44.0			"			16 BLOWS
				44.0	44.5			"			17 BLOWS
				44.5	45.0			"			RETAIN SAMPLE
				45.0	50.0						WASHED TO 50.0. HINGE HOSE
											RUPTURED. CASSED TO 43.0'
				50.0	52.0			FISHTAIL			WASHED
7				52.0	52.5	52.0	54.0	DRIVE SAMPLER	JAR		
NO/WATER TABLE/AT				52.5	53.0						19 BLOWS
WEIGHT OF HAMMER		140 #		53.0	53.5						33 BLOWS
DROP DISTANCE		30'		53.5	54.0						
				58.0	54.0	58.0					WASHED
8		58.0		58.0	58.5	58.5	59.5	DRIVE SAMPLER	JAR	2.75	BROWN GRAY CLAY, VERY STIFF.
				58.5	59.0						23 BLOWS
				59.5	59.0	59.5					27 BLOWS
DRIVE SAMPLER		2" x 1 3/4" x 24"									TOTAL DEPTH 59.5'

12 July 1971

GDLR NO. 1401

PROJECT: HOUSTON SHIP CHANNEL

BORING NO. 72-46

TEST DATA SUMMARY

LOCATION:

DATE COMPLETED 25 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								
	From	To												PERCENT			INIT. WT.	ACC. WT. RTND. SIEVE NO. (3)				
														GRVL	SAND	FINES		NO. 4	NO. 10	NO. 40	NO. 200	
	ELEVATION TOP BORING																					
	Water																					
1C	12.1	13.2	Gray Clay	CH	VS	0.0		57	68			2055										
2C	16.3	17.5	shell fragments 10.7'-25'		VS	0.0		50				2056										
3C	26.3	27.5	organic material 30'-32.5'		VS	0.0		70	58	77		2057		0	2	98	50	0	0	0	1	
4C	31.3	32.5			S	0.5		104	44			2058										
5J	38.0	40.0	Gray Silty Sand	SM	VD		44	15				2059										
6J	43.0	45.0			VD		33	18				2060	0	0	84	16	50	0	0	3	42	
7J	52.0	54.0	Brown Silty Sand	SP-SM	VD		52	21				2061	0	0	94	6	50	0	0	12	17	
8J	58.5	59.5	Brown Clay w/sand layers 10.7'-52'-59.5'	CH	VD		50	37		71		2062		0	4	96	50	0	0	1	2	

KEY: CONSISTENCY - COHESIVE SOILS

CONSISTENCY - COHESIONLESS SOILS

(1) Tons/Sq.Ft. Unconfined Compressive Strength

(2) Split Barrel Sampler

(3) Acc. Wt. Rnd ± Init. Wt. x 100 = % Rnd.

Bottomed at 59.5'

Water at

Tide Reading +2.3

BORING NO. 72-46

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