

**BORING LOG
FIELD DATA**

Project HOUSTON SHIP CHANNEL Location STA 45+00 400' LEFT Date 5-25-72
 Drill Rig ARCO 550 MD Inspector MINOR Operator SMITH Surface elev TIDE +2.9
 Levee District GALVESTON Job No. _____ Boring No. 72-48

SAMPLE NUMBER	DATE TAKEN 1972	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	ROCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
		FROM	TO	FROM	TO	FROM	TO				
	25 MAY	0.0	12.1								WATER
1		12.1		12.1	15.0	13.6	14.6	3" SHELLY TUBE	CONT	0.00	GRAY CLAY, WITH SAND AND SHELL, VERY SOFT. KELLY, 1 ROD TUBE PENETRATED TO 15.0, PENETRATION BRAKED
2	"			15.0	17.5	16.3	17.5	3" SHELLY TUBE	CONT	0.00	SHELL MORE ABUNDANT. PENETRATION AS ABOVE
				17.5	20.0						WASHED
3	"		22.0	20.0	22.5	21.3	22.5	3" SHELLY TUBE	CONT	0.00	
		22.0								1.00	DARK GRAY CLAY, STIFF, (BOTTOM .5 SAMPLE 3)
				22.5	25.0						WASHED
4	"		26.0	25.0	27.5	26.3	27.5	3" SHELLY TUBE	CONT	4.25	GRAY TAN SANDY CLAY, (CALCAREOUS NODULES VERY STIFF (BEAUMONT) STIFF ON TOP
		26.0									WASHED
				27.5	30.0						
5	"			30.0	32.5	31.3	32.5	3" SHELLY TUBE	CONT	1.75	WITH SAND LAMINAE VERY STIFF
				32.5	35.0						WASHED
	"		35.0	35.0	40.0						SALT & PEPPER SAND WASHED

FIELD DATA

Project	HOUSTON SHIP CHANNEL	Location	STA 45+000 400' LEFT C	Date	5-25-72
Drill Rig	ARCO 550 HD	Inspector	MINOR	Operator	SMITH
Levee District	GALVESTON			Surface elev	TIDE +2.5
		Job No.		Boring No.	72-48

[illegible]

WES FORM NO. 819 PREVIOUS EDITION IS OBSOLETE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

WEIGHT OF HAMMER 140 # Sheet 2 of 2 Sheets

DROP DISTANCE 30"

PROJECT: HOUSTON SHIP CHANNEL

BORING NO. 72-48

LOCATION:

TEST DATA SUMMARY

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.	SIEVE ANALYSIS												
	From	To											PERCENT			INIT. WT.	ACC. WT. RTND. SIEVE NO. (3)								
													GRVL	SAND	FINES		NO. 4	NO. 10	NO. 40	NO. 200					
			Water									72													
1C	13.6	14.6	Gray Sandy Clay w/shell	CL	VS	0.0		49				1978		0	38	62	50	0	0	0	10				
2C	16.3	17.5			VS	0.0		49	72			1979													
3C	21.3	22.5	Gray & Brown Clay w/silt seams		VS	0.0		52	69			1980													
4C	26.3	27.5			H	4.50		23	103	43		1981		0	10	90	50	0	0	0	5				
5C	31.3	32.5			VST	2.75		21	107			1982													
6J	40.0	42.0	Brown Silty Sand	SP-SM	D		18	21				1983	0	0	94	6	50	0	0	6	47				
7J	52.0	54.0	Brown Clay w/shell fragments	CH	M		10	37				1984													
8C	55.3	56.5			ST	1.75		35	87	46		1985		0	6	24	50	0	0	0	3				
9C	58.8	60.0	Gray Clay w/iron seams & calcareous nodules		VST	2.50		27	94			1986													

KEY: CONSISTENCY - COHESIVE SOILS
VS Very Soft S Soft M Medium ST Stiff VST Very Stiff H Hard VL Very Loose L Loose M Medium D Dense VD Very Dense
CONSISTENCY - NONCOHESIVE SOILS
VS Very Soft S Soft M Medium ST Stiff VST Very Stiff H Hard 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. Rtd. = Init. Wt. x 100 ÷ % Rtd.

Bottomed at 60.0' Water at Tide Reading +2.4

BORING NO. 72-48

Sheet 1 of sheets 1