

BORING LOG **FIELD DATA**

Project HOUSTON SHIP CHANNEL Location STATION 35+000 400' LEFT Date 26 MAY 1972
 Drill Rig ARCO 550 HD Inspector LANGFORD Operator ECK Surface elev Tide +2.3 @ 1300
 Levee District GALVESTON Job No. _____ Boring No. 72-50

SAMPLE NUMBER	DATE TAKEN	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	ROCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
		FROM	TO	FROM	TO	FROM	TO				
	26 MAY 1972	0.0	11.8								WATER DEPTH @ 1500 HOURS
1		11.8		11.8	13.0	11.8	13.0	3" SHELBUTUBE	JAR	0.0	GRAY SANDY CLAY, VERY SOFT.
2				13.0	15.0	13.8	15.0		TUBE	0.0	
			19.0	15.0	18.0			FISHTAIL			WASHED
3		19.0		18.0	20.0	18.8	20.0	3" SHELBUTUBE	TUBE	0.0	GRAY SANDY CLAY WITH SHELL, VERY SOFT.
				20.0	23.0			FISHTAIL			WASHED
4			25.0	23.0	25.0	24.1	25.0	3" SHELBUTUBE	TUBE	0.0	
		25.0		25.0	28.0			FISHTAIL			WASHED. GRAY SANDY CLAY, VERY SOFT.
5				28.0	30.0	28.8	30.0	3" SHELBUTUBE	TUBE	0.0	
				30.0	33.0			FISHTAIL			WASHED
6				33.0	35.0	33.8	35.0	3" SHELBUTUBE	TUBE	0.0	WITH SHELL LAYER.
				35.0	38.0			FISHTAIL			WASHED
7				38.0	40.0	38.8	40.0	3" SHELBUTUBE	TUBE	.25	SOFT, SAND LAYERS
			43.0	40.0	43.0			FISHTAIL			WASHED
8		43.0		43.0	45.0	43.8	45.0	3" SHELBUTUBE	TUBE	.25	GRAY SANDY ORGANIC CLAY, SOFT.
				45.0	48.0			FISHTAIL			WASHED

BORING LOG
FIELD DATA

Project HOUSTON SHIP CHANNEL
Drill Rig ARCO 550 HD Inspector LANGFORD
Levee District GALVESTON

Location STATION 35+000 LANTA Date 26 MAY 1972
Operator ECK Surface elev. _____
Job No. _____ Boring No. 72-50

[illegible]

12 July 1971

GDLR NO 1401

PROJECT: HOUSTON SHIP CHANNEL

BORING NO. 72-50

TEST DATA SUMMARY

LOCATION: Station 35+000, 400' left of #

DATE COMPLETED 26 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																		
1J	11.8	13.0	Gray Sandy Clay	CL	VS	0.0		46		36		1956		0	78	52	50	0	0	1	24
2C	13.8	15.0	shell 11'-8"-13'		VS	0.0		41	79	34		1957		0	72	58	50	0	0	0	21
3C	18.8	20.0			VS	0.0		45	77	45		1958		2	26	72	50	1	1	2	14
4C	24.1	25.0	Gray Clay w/shell	CH	VS	0.0		52	70	51		1959		0	74	76	50	0	0	1	12
5C	28.8	30.0	sandy 23'-25'		S	0.25		56	66			1960									
6C	33.8	35.0	sand pockets 40'-43'		S	0.25		73	60	21		1961		0	4	96	50	0	0	0	2
7C	38.8	40.0			S	0.25		53	69			1962									
8C	43.8	45.0	Gray Clayey Sand w/shell	SC	S	0.25		33	86	32		1963		0	68	32	50	0	0	5	34
9C	49.2	50.0	Brown Clayey Sand		VST	2.00		24	103	32		1964	10	0	64	56	50	0	0	0	32
10C	53.8	55.0	clay layers 53'-55'		ST	1.00		21	104	26		1965	6	0	68	32	50	0	0	0	34
11J	60.0	62.0	Brown Sand w/clay layers	SP				21				1966	0	0	26	4	50	0	0	6	48

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

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

Bottomed at 62.0' Water at Tide Reading +2.3 @ 1300

BORING NO. 72-50

Sheet 1 of sheets