BORING LOG
FIELD DATA

Project HOUSTON SHIP CHANNEL — Location STATION 10+000 200' RIGHT — Date 30 MAY 1972
Drill Rig ARCO 550 HD — Inspector LANGFORD — Operator ECK — Surface elev TIDE +2.3 1300
Levee District GALVESTON — Job No. — Boring No. 72-55

SAMPLE NUMBER	DATE TAKEN 1972	STRATUM FROM	STRATUM TO	DRIVE FROM	DRIVE TO	SAMPLE FROM	SAMPLE TO	TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
	30 MAY	0.0	10.3								WATER DEPTH 1930 HOURS
1		10.3		10.3	11.8	10.3	11.8	3" SHELBY TUBE	JAR	0.0	GRAY ORGANIC SANDY CLAY,
			12.0								VERY SOFT.
2		12.0		11.8	13.0	11.8	13.0		TUBE		GRAY CLAYEY SAND,
				13.0	15.0			FISHTAIL			WASHED
3				15.0	17.0	15.8	17.0	3" SHELBY TUBE	TUBE		WITH SHELL,
				17.0	20.0			FISHTAIL			WASHED
4				20.0	22.0	20.8	22.0	3" SHELBY TUBE	TUBE		
			26.0	22.0	25.0			FISHTAIL			WASHED
5		26.0		25.0	27.0	25.8	27.0	3" SHELBY TUBE	TUBE	0.0	GRAY SANDY CLAY WITH FEW
											SHELL, VERY SOFT.
				27.0	30.0			FISHTAIL			WASHED
6				30.0	32.0	30.8	32.0	3" SHELBY TUBE	TUBE	0.0	
				32.0	35.0			FISHTAIL			WASHED
7				35.0	37.0	35.8	37.0	3" SHELBY TUBE	TUBE	.25	SOFT
			40.0	37.0	40.0			FISHTAIL			
8		40.0		40.0	42.0	40.8	42.0	3" SHELBY TUBE	TUBE	.25	GRAY CLAYEY SAND, SOFT.

BORING LOG
FIELD DATA

Project HOUSTON SHIP CHANNEL Location STATION 10+000 200' RIGHT Date 30 MAY 1972
Drill Rig ____ Inspector ____ Operator ____ Surface elev ____
Levee District ____ Job No. ____ Boring No. 72-55

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
			45.0	42.0	45.0			FISHTAIL			WASHED
9		45.0		45.0	47.0	45.8	47.0	3" SHELBY TUBE	TUBE	1.50	GRAY, SILTY CLAYEY SAND, STIFF
			50.0	47.0	50.0			FISHTAIL			WASHED
10		50.0	51.0	50.0	52.0	50.8	52.0	3" SHELBY TUBE	TUBE	1.00	GRAY, BROWN SANDY CLAY, STIFF
		51.0		52.0	55.0			FISHTAIL			BROWN, GRAY MEDIUM SAND
				55.0	57.0	—	—	3" SHELBY TUBE			NO RECOVERY, WASHED
11				57.0	57.5	57.0	59.0	DRIVE SAMPLER	JAR		
				57.5	58.0						27 BLOWS
				58.0	58.5						38 BLOWS
				58.5	59.0						
				59.0	60.0			FISHTAIL			WASHED
			62.0	60.0	62.0	—	—	3" SHELBY TUBE	—	—	NO RECOVERY
DRIVE SAMPLER 2" x 1 3/4 x 24"											TOTAL DEPTH 62.0'
				NO/WATER TABLE/AT							
				WEIGHT OF HAMMER				140#			
				DROP DISTANCE				30"			

WES FORM NO. 819 REV NOV 1971 PREVIOUS EDITION IS OBSOLETE

Sheet 2 of 2 Sheets

SWG Form 267
12 July 71

GDLR NO 1401

PROJECT: HOUSTON SHIP CHANNEL

BORING NO. 72-55

LOCATION:

TEST DATA SUMMARY

DATE COMPLETED 30 May 1972

FIELD NO.	Sample Depth, Feet From	To	CLASSIFICATION ELEVATION TOP BORING	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
1J	10.3	11.8	Water 0'-10.3' Gray Clay w/sand layers 10.3'-12'	CH				38				1849									
2C	11.8	13.0			M	0.50		33	*	85		1850		0	8	92	50	0	0	0	4
3C	15.8	17.0	Gray Clayey Sand w/shell 12'-40'	SC	M	0.50		24	102			1847									
4C	20.8	22.0			M	0.50		24	102	75		1848		4	58	38	50	2	3	9	31
5C	25.8	27.0			M	0.75		25	98			1853									
6C	30.8	32.0			M	0.50	-	29	91			1854									
7C	35.8	37.0			M	0.50		31	95	90		1855		0	54	46	50	0	0	3	27
8C	40.8	42.0	Gray Clayey Silty Sand 40'-45'	SM SC	M	0.50		23	102			1856	2.5	0	76	24	50	0	0	6	32
9C	45.8	47.0	Gray & Red Lean Clayey Sand 45'-50'	SC	ST	1.50		19	110	39		1857		0	52	48	50	0	0	0	26
10C	50.8	52.0	Gray & Brown Sandy Clay 50'-51'	CL	ST	1.75		18	111	36		1858		0	18	82	50	0	0	0	9
11J	57.0	59.0	Brown Silty Sand 51'-62'	SP SM	VD		65	20				1859	0	0	90	10	50	0	0	2	15

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. 72-55

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

Sheet 1 of sheets 1