

BORING LOG
FIELD DATA

Project HOUSTON SHIP CHANNEL Location STATION 35+000 400' LEFT Date 1 JUNE 1972
 Drill Rig ARCO 550 HD Inspector LANGFORD Operator ECK Surface elev Tide +3.01415 Hours
 Levee District GALVESTON Job No. _____ Boring No. 72-101

SAMPLE NUMBER	DATE TAKEN 1972	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
		FROM	TO	FROM	TO	FROM	TO			
	JUNE	0.0	6.8							WATER DEPTH 1830 HOURS
1		6.8		6.8	8.5	6.8	8.5	3" SHELLY TUBE JAR	-	RED SANDY CLAY WITH SAND LENSES
				8.5	10.0			FISHTAIL		WASHED
2			12.0	10.0	12.0	10.0	12.0	3" SHELLY TUBE JAR		
		12.0		12.0	15.0			FISHTAIL		WASHED, GRAY CLAYEY SAND.
3				15.0	17.0	15.8	17.0	3" SHELLY TUBE TUBE	0.0	
				17.0	20.0			FISHTAIL		WASHED
4				20.0	22.0	20.8	22.0	3" SHELLY TUBE TUBE	0.0	WITH CLAY LENSES.
			25.0	22.0	25.0			FISHTAIL		WASHED
5		25.0		25.0	27.0	25.8	27.0	3" SHELLY TUBE TUBE	.25	GRAY SILTY CLAY WITH SAND LENSES, SOFT
				27.0	30.0			FISHTAIL		WASHED
6				30.0	32.0	30.8	32.0	3" SHELLY TUBE TUBE	.25	
				32.0	35.0			FISHTAIL		WASHED
7				35.0	37.0	35.8	37.0	3" SHELLY TUBE TUBE	.25	
			40.0	37.0	40.0			FISHTAIL		WASHED
		40.0		40.0	42.0			3" SHELLY TUBE		NO RECOVERY, GRAY CLAYEY SAND.
8				40.0	42.0	40.0	42.0	JAR		

PROJECT: HOUSTON SHIP CHANNEL

BORING NO. 72-101

TEST DATA SUMMARY

LOCATION: _____

DATE COMPLETED 1 June 1972

FIELD NO.	Sample Depth, Feet		CLASSIFICATION	SYMBOL	CONSISTENCY	POCKET (1) PENETROMETER	STAN. PENET. BLOWS/FT (2)	MOISTURE CONTENT %	DRY DENSITY P. c. cf.	L.L.	P.L.	Lab Sample No.	BAR L.S.	SIEVE ANALYSIS								
	From	To												ELEVATION TOP BORING _____	PERCENT			INIT. WT.	ACC. WT. RTND. SIEVE NO. (3)			
															GRVL	SAND	FINES		NO. 4	NO. 10	NO. 40	NO. 200
1J	6.8	8.5	Brown Sandy Clay w/ sh. ll	6'-8'-10'	CH			31	59			1700		0	16	84	50	0	0	2	8	
2J	10.0	12.0	Brown Sandy Clay	10'-12'	CL			21	21			1701		0	46	54	50	0	0	5	23	
3C	15.8	17.0	Gray Sandy Clay	12'-25'				26	100			1702										
4C	20.8	22.0	Gray Sandy Clay					24	100			1703										
5C	25.8	27.0	Gray Clay w/ sand layers	25'-30'				35	85			1704										
6C	30.8	32.0	Gray Sandy Clay w/ sand layers	30'-35'				44	80	36		1705		0	22	78	50	0	0	0	11	
7C	35.8	37.0	Gray Clay w/ sand layers	35'-40'				32	92			1706										
8J	40.0	42.0	Gray Silty Sand	40'-49'	SM			20				1707	1	2	80	18	50	1	1	7	41	
9C	49.0	50.0	Brown Clay w/ sand seams	49'-62'	CH	VST	2.00	28	96			1708										
10C	51.1	52.0	calcareous nodules	50'-62'		H	4.00	25	102	54		1709		0	4	96	50	0	0	0	2	
11C	60.8	62.0				H	4.00	24	*			1710										

* 1.21 - 4.00

KEY: CONSISTENCY - COHESIVE SOILS CONSISTENCY - COHESIONLESS SOILS
 Vs S M ST VST H VL L M D VD (1) Tons/Sq. Ft. Unconfined Compressive Strength
 Very Soft Soft Medium Stiff Very Stiff Hard Very Loose Loose Medium Dense Very Dense (2) Split Barrel Sampler
 (3) Acc. Wt. Retd. + Init. Wt. x 100 = % Retd.

Bottomed at 62.0' Water at +6.8 Tide Reading +3.0

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