

BORING LOG
FIELD DATA

Project HOUSTON SHIP CHANNEL Location STA 5BT200, 700' LEFT C Date 5 JUNE 1972
Drill Rig APCO 550 HD Inspector SMITH Operator BLACK Surface elev TIDE + 2.5
Levee District GALVESTON Job No. _____ Boring No. 72-106

SAMPLE NUMBER	DATE TAKEN 1972	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
		FROM	TO	FROM	TO	FROM	TO				
	5 JUNE	0.0	9.7								WATER
1		9.7	10.0	9.7	12.5	9.7	10.0	3" SHELBY TUBE	JAR	0.00	GRAY SILT. WITH PETROLEUM WASTE
2		10.0				10.0	10.7	"	CONT	0.25	BROWN CLAY WITH SAND POCKETS. SOFT
				12.5	15.0						WASHED
3				15.0	17.5	16.3	17.5	"	CONT	1.00	STIFF
				17.5	20.0						WASHED
4				20.0	22.5	21.3	22.5	"	CONT	0.25	
				22.5	25.0						WASHED
5				25.0	27.5	26.3	27.5	"	CONT	0.50	MEDIUM
				27.5	30.0						WASHED
6		31.0		30.0	32.5	31.3	32.5	"	CONT	4.00	BROWN-GRAY CLAY WITH SILT LAYERS. HARD
			36.5	32.5	35.0						WASHED
7		36.5		35.0	37.5	36.3	37.5	"	CONT	3.75	GRAY CLAYEY SAND, VERY STIFF
				37.5	40.0						WASHED
8				40.0	42.5	41.3	42.5	"	CONT	3.75	
			44.0	42.5	45.0						WASHED
9		44.0		45.0	47.5	46.3	47.5			4.25	GRAY SANDY CLAY SAND SEAMS. HARD

BORING LOG
FIELD DATA

Project HOUSTON SHIP CHANNEL Location STA 58+200, 700' LEFT C Date 5 JUNE 1972
 Drill Rig ARCO 550 HD Inspector SMITH Operator BLACK Surface elev TIDE +2.5
 Levee District GALVESTON Job No. 72-106 Boring No. 72-106

SAMPLE NUMBER	DATE TAKEN	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
		FROM	TO	FROM	TO	FROM	TO				
			50.0	47.5	50.0						WASHED
		50.0		50.0	52.5						NO RECOVERY. SAND
				52.0	56.0						WASHED
10				56.0	56.5	56.0	58.0	SPLIT SPOON	JAR		DEPT SPOON, GRAY SAND WITH CAL. NO. CLAY LAYER
				56.5	57.0						14 BLOWS
				57.0	57.5						40 BLOWS
				57.5	58.0						RETAIN SAMPLE
				58.0	60.5						WASHED
11				60.5	61.0	60.5	62.5	SPLIT SPOON	JAR		DEPT SPOON, GRAY SAND WITH SILT AND SILTSTONE
				61.0	61.5						35 BLOWS
				61.5	62.0						36 BLOWS
				62.0	62.5						RETAIN SAMPLE
											BOTTOMED AT 62.5

PROJECT: HOUSTON SHIP CHANNEL

BORING NO. 72-106

LOCATION:

TEST DATA SUMMARY

DATE COMPLETED 5 June 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			WT. INIT.	ACC. WT. RTND. SIEVE NO. (3)			
														GRVL	SAND	FINES		NO. 4	NO. 10	NO. 40	NO. 200
1J	9.7	10.0	Gray Silty Sand	9.7'-10'	SM			35				1788	2	6	54	40	50	3	4	5	30
2C	10.0	10.7	Brown Sandy Clay	10'-20'	CL	M	0.75	29	25			1786									
3C	16.3	17.5			M	0.75		35	*			1789									
4C	21.3	22.5	Brown Sandy Clay	20'-31'	M	0.50		29	102	39		1785		0	26	74	50	0	0	1	13
5C	26.3	27.5			M	0.75		25	97			1787									
6C	31.3	32.5	Brown Clay w/silt seams	31'-36.5'	H	4.50		19	110	43		1790		0	12	88	50	0	0	0	6
7C	36.3	37.5	Brown & Gray Clay w/sand layers	36.5'-40'	VST	3.50		22	108			1791									
8C	41.3	42.5	Gray Silty Sand	40'-44'	SM	VST	2.25	20	110			1792	1	0	62	38	50	0	0	0	31
9C	46.3	47.5	Gray Sandy Clay	44'-50'	CL	VST	2.75	16	115	31		1793		0	38	62	50	0	0	0	19
10J	56.0	58.0	Gray Silty Sand w/calcareous nodules	50'-62.5'	SPSM	VD	54	21				1794	0	0	72	8	50	0	0	1	46
11J	60.5	62.5	Gravelly	60'-62.5'		VD	71	19				1795	0	14	74	12	50	7	8	8	44
											</										

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

Bottomed at 62.5' Water at +9.7 Tide Reading +2.5

BORING NO. 72-106

Sheet 1 of sheets 1