

BORING LOG

Boring No. 3ST-398
 Levee District _____
 Job No. _____

FIELD DATA

Project SABINE-NECHES WATERWAY Location PORT ARTHUR TURNING BASINS, DREDGING
 Drill Rig ARCO #4 Inspector _____ Operator Smith Surface Elev. +0.5 at 0840 Hours
 Natural Ground Elev. _____

LABORATORY DATA

Date _____ Classified by _____

SAMPLE NUMBER	DATE TAKEN	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	POCKET PYCNOMETER VALUE	CLASSIFICATION AND REMARKS	CLASSIFICATION	SYMBOL	NAT WC %
		FROM	TO	FROM	TO	FROM	TO							
	23 Mar 1971	0.0	39.0								Water Depth			
		39.0		39.0	41.5						Black Petroleum Waste Weight of 4 Drill Rods Pushed 3" Shelby Tube to 41.5 Feet - NO Recovery			
			41.5											
1.		41.5		41.5	44.0	42.7	43.9	Shelby Tube	Tube	.50	Gray sandy clay (OH), medium			
2.		44.0		44.0	46.5	44.3	46.5			3.75	with Tan clay, very STIFF			
3		46.5		46.5	48.5	47.2	48.4			2.50	with a trace of calcareous nodules, very stiff, becoming more sandy with depth			
4		48.5		48.5	50.5	49.3	50.5			1.00	Gray sandy clay, STIFF			
Bottom - 50.5											Total Depth - 50 [±] MLT			
Impact Hammer Weight - 140#											Water table + 0.5 MLT			
Hammer drop distance - 30"														
Split Spoon dimensions = 2" x 1 3/8" x 24"														

SWG Form 267
28 Jan 1965

PROJECT: Sabine Neches Waterway
LOCATION: Gulf Refinery Turning Basin

GDLR # 1362

BORING NO. 35T-398

TEST DATA SUMMARY

DATE DRILLED March 23, 1971

FIELD NO.	DEPTH	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. SAMP. NO.	SIEVE ANALYSIS							
												PERCENT			INIT. WT.	ACC. WT. RTND. SIEVE NO. (3)			
												GRVL	SAND	FINES		NO. 4	NO. 10	NO. 40	NO. 200
*	0-30	Water									71								
	1-C 41.5-44	Gray Clay w/shell frags. 41.5'-44'	CH	M	0.75		30	83	62		93	0	8	32	50	0	0	1	4
	2-C 44-46.5	tan & Gray Sandy Clay 44'-50.5'	CL	VST	2.25		22	104			94								
	3-C 46.5-48.5	shell fragments 44'-46.5'		VST	2.00		18	110	35		95	0	34	66	50	0	0	0	17
	4-C 48.5-50.5	cal. neds. 46.5'-50.5'		VST	2.00		23	103			96								
		BOTTOM AT 50.5'																	
		TAPEED AT +39.5'																	
*	30-41.5	no recovery																	

KEY: CONSISTENCY - COHESIVE SOILS CONSISTENCY - COHESIONLESS SOILS
 VS S H ST VST H VL L H D VD
 Very Soft Soft Medium Stiff Very Stiff Hard Very Loose Loose Medium Dense Very Dense

(1) Tone/Sq. Ft. Unconfined Compressive Strength
 (2) Split Barrel Sampler
 (3) Acc. Wt. Rtn'd ÷ Init. Wt. x 100 = % Rtn'd.

BORING NO. 35T-398