

BORING LOG											
FIELD DATA											
Project <u>PORT ARANSAS-CORPUS CHRISTI WW TULE LAKE</u>						Location <u>STA 1360+00</u>		Date <u>8-15-72</u>			
Drill Rig <u>FALLING 1500</u>		Inspector <u>MINOR</u>		Operator <u>CURTIS</u>		Surface elev <u>Top + 2.2</u>					
Levee District <u>GALVESTON</u>						Job No. _____		Boring No. <u>72-120</u>			
SAMPLE NUMBER	DATE TAKEN 1972	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
		FROM	TO	FROM	TO	FROM	TO				
				38.0	40.5			FISHTAIL			As immediately above
8	15 AUG			40.5	43.0	41.8	43.0	3" SHELBY TUBE CONT	4.50'		SANDY WITH SAND LAYERS, HARD
				43.0	45.5			FISHTAIL			As immediately above
9	16 AUG			45.5	48.0	46.8	48.0	3" SHELBY TUBE CONT	4.50'		INTERMITTENT CEMENTED SAND LAYERS
				48.0	50.5			FISHTAIL			As immediately above
10	16 AUG			50.5	53.0	51.8	53.0	3" SHELBY TUBE CONT	4.50'		FERROUS NODULES ESSENTIALLY ABSENT
				54.0	53.0	55.5		FISHTAIL			
11	16 AUG	54.0	57.0	55.5		56.8		3" SHELBY TUBE	---	---	SAND WITH HARD CEMENTED LAYERS
		57.0			58.0	58.0		3" SHELBY TUBE CONT	2.50'		TAN SAND WITH CLAY, CALCAREOUS NODULES
				58.0	60.0						
				60.5	60.0	60.0		SPLIT SPOON	JAR		SEAT SPOON - As immediately above
12	16 AUG			60.5	61.0		61.0				TAN BENTONITIC SANDY CLAY, 100+ BLOWS
											VERY HARD
											BOTTOMED AT 61.0
											COMPLETED 1000 HRS

[illegible]

BORING LOG FIELD DATA											
Project <u>PORT ARTHUR - CORPUS CHRISTI W.W. TULE LAKE</u>						Location <u>SM 1360+00</u>		Date <u>8-15-72</u>			
Drill Rig <u>FALING 1500</u> Inspector <u>MINOR</u>						Operator <u>CURTIS</u>		Surface elev <u>Tide +2.2</u>			
Levee District <u>GALVESTON</u>						Job No. _____		Boring No. <u>72-120</u>			
SAMPLE NUMBER	DATE TAKEN <u>1972</u>	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
		FROM	TO	FROM	TO	FROM	TO				
		0.0	4.7								WATER
1	15 AUG			4.7	8.0	6.8	8.0	3" SHELBY TUBE CONT.	0.50		GRAY SAND WITH CLAY AND SHELL DETRITUS STRONG ORGANIC ODOR. WEIGHT KELLY, 1 ROD AND TUBE PENETRATED TO 8.0
				8.0	10.5			FISHTAIL			AS IMMEDIATELY ABOVE
2	15 AUG			10.5	13.0	11.8	13.0	3" SHELBY TUBE CONT.	0.00		ODOR LESS NOTICEABLE AS IMMEDIATELY ABOVE
				13.0	15.5						
3	15 AUG		17.0	15.5	18.0	16.8	18.0	3" SHELBY TUBE CONT.	2.00		GRAY-GREEN SANDY CLAY. STIFF
		17.0	19.0	18.0	20.5			FISHTAIL			AS IMMEDIATELY ABOVE
4	15 AUG	19.0		20.5	23.0	21.8	23.0	3" SHELBY TUBE CONT.	3.00		TAN CLAY, W/ FERRUGINOUS / CALCAREOUS NODULES / STIFF
				23.0	25.5			FISHTAIL			AS IMMEDIATELY ABOVE
5	15 AUG			25.5	28.0	26.8	28.0	3" SHELBY TUBE CONT.	4.00		
				28.0	30.5			FISHTAIL			
6	15 AUG			30.5	33.0	31.8	33.0	3" SHELBY TUBE CONT.	2.50		
				33.0	35.5			FISHTAIL			
7	15 AUG			35.5	38.0	37.0	38.0	3" SHELBY TUBE CONT.	4.00		

Date _____ Classified by _____

[illegible]

12 July 1971

PROJECT: PORT ARANSAS-CORPUS CHRISTI WATERWAY

GDLR NO 1415

BORING NO. 72-120

LOCATION: TULE LAKE

TEST DATA SUMMARY

DATE COMPLETED 16 August 1972

FIELD NO.	Sample Depth, Feet		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							
	From	To													PERCENT			INIT. WT.	ACC. WT. RTND. SIEVE NO. (3)			
															GRVL	SAND	FINES		NO. 4	NO. 10	NO. 40	NO. 200
			Water	0.0'-4.7'																		
1C	6.8	8.0	Gray Silty Sand	4.7'-17'	SM	S	1.25		23	96			66	1	0	84	16	50	0	0	1	42
2C	11.8	13.0				S	1.25		26	98			67									
3C	16.8	18.0	Gray Sandy Clay w/calcareous nodules	17'-25.5'	CH	ST	1.00		37	87	63	24	68		2	32	66	50	1	1	2	17
4C	21.8	23.0				VST	2.25		42	82			69									
5C	26.8	28.0	Brown Clay w/calcareous nodules	25.5'-40.5'		H	4.00		33	79	80	24	70		0	2	98	50	0	0	0	1
6C	31.8	33.0				VST	2.50		40	81			71									
7C	37.0	38.0				H	4.25		36	88			72									
8C	41.8	43.0	Brown Clayey Sand	40.5'-50.5'	SC	H	4.50		14	118	37	13	73		0	54	46	50	0	0	0	27
9C	46.8	48.0				H	4.00		25	100			74									
10C	51.8	53.0	Brown Sandy Clay w/calcareous nodules	50.5'-60.5'	CL	H	4.50		13	122			75									
11C	56.8	58.0				VST	3.75		14	119			76	5	2	38	60	50	1	2	3	20
12J	60.0	61.0	Gray Sandy Clay	60.5'-61'	VD			100+	16		35	12	77		4	36	70	50	2	4	6	15

KEY: CONSISTENCY -- COHESIVE SOILS CONSISTENCY -- COHESIONLESS SOILS
 VS S M 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 61.0'

Water at

Tide Reading +2.2

BORING NO. 72-120

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