BORING LOG
FIELD DATA

1550+00

Project PORT ARANSAS - CORPUS CHRISTI (DREDGING) Location TULE LAKE CHANNEL Date 31 JULY 1972
Drill Rig FAILING 1500 Inspector LANGFORD Operator SMITH Surface elev TIDE +2.2 1430
Levee District GALVESTON Job No. _____ Boring No. 72-119

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
	31 JULY	0.0	3.1								WATER DEPTH 3.1' 1450
1		3.1		3.1	5.6	3.0	5.2	3" SHELBY TUBE	TUBE	0.0	GRAY SILTY SAND WITH FEW SHELL
2				5.6	8.0	6.8	8.0		TUBE	0.0	
3				8.0	10.5	10.0	10.5		JAR		
				10.5	11.0	—	—		—		NO RECOVERY
				11.0	11.5						0 BLOWS
				11.5	12.0						
			15.0	12.0	12.5						
		15.0		12.5	16.0			FISHTAIL			WASHED. GRAY, BROWN CLAY
4				16.0	17.5	17.3	18.5	3" SHELBY TUBE	TUBE	1.75	WITH SAND AND SHELL POCKETS, STIFF.
5				18.5	21.0	19.8	21.0		TUBE	3.25	VERY STIFF
6				21.0	23.5	22.3	23.5		TUBE	3.75	
	1 AUG.										TIDE +2.4 0730
7				23.5	26.0	24.8	26.0		TUBE	3.75	
8				26.0	28.5	27.3	28.5		TUBE	3.50	
9				28.5	31.0	29.8	31.0		TUBE	3.50	
10				31.0	33.5	32.3	33.5		TUBE	3.00	

WES FORM NO. 819 REV NOV 1971 PREVIOUS EDITION IS OBSOLETE

Sheet 1 of 2 Sheets

Boring No. 72-119
Levee District GALVESTON
Job No. _____

LABORATORY DATA

Date _____ Classified by _____

CLASSIFICATION	SYMBOL	NAT WC %

BORING LOG
FIELD DATA

Project PORT ARANSAS - CORPUS CHRISTI WATERWAY Location TULE 1350+00 Date 1 AUGUST 1972
Drill Rig FAILING 1200 Inspector [illegible] Operator SMITH Surface elev
Levee District Job No. Boring No. 72-119

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
11				33.5	36.0	34.8	36.0		TUBE	1.1	HARD
12				36.0	38.5	37.3	38.5		TUBE	3.75	VERY STIFF
13			40.5	38.5	91.0	39.8	41.0		TUBE	1.5+	HARD
14		43.5		41.0	93.5	42.5	93.5		TUBE	3.50	BROWN SILTY CLAY WITH
											CALCAREOUS GRAVEL AND SAND
											LENSES, VERY STIFF,
15				93.5	96.0	94.8	96.0		TUBE	4.5+	HARD
16				96.0	98.5	97.3	98.5		TUBE	1.5+	
17			51.0	47.5	51.0	49.8	51.0		TUBE	1.5+	
18		51.0		51.0	53.5	52.3	53.5		TUBE	4.00	BROWN CLAY WITH CALCAREOUS
19				53.5	56.0	54.8	56.0		TUBE	1.5+	GRAVEL, VERY STIFF, HARD
20				56.0	58.5	57.3	58.5		TUBE	4.5+	
21				58.5	61.0	59.8	61.0		TUBE	1.5+	
22			63.5	61.0	63.5	62.3	63.5		TUBE	4.00	VERY STIFF
											TOTAL DEPTH 63.5'

WES FORM NO. 819 REV NOV 1971 PREVIOUS EDITION IS OBSOLETE

Sheet 2 of 2 Sheets

Boring No. 72-119
Levee District GALVESTON
Job No.

LABORATORY DATA

Date Classified by

CLASSIFICATION	SYMBOL	NAT WC %

SWG Form 267
12 July 1971

GDLR NO 1415

PROJECT: PORT ARANSAS-CORPUS CHRISTI WATERWAY

BORING NO. 72-119

TEST DATA SUMMARY

LOCATION: TULE LAKE CHANNEL

DATE COMPLETED 1 August 1972

FIELD NO.	Sample Depth, Feet From	To	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 PERCENT GRVL	SAND	FINES	INIT. WT.	ACC. WT. RTND. SIEVE NO. (3) NO. 4	NO. 10	NO. 40	NO. 200
			ELEVATION TOP BORING ____' Water 0-3.1'																		
1C	3.0	5.2	Gray Silty Sand w/shell 3.1'-15'	SM	M	.50		28	85			14									
2C	6.8	8.0			M	.50		26	97			15	2	0	86	14	50	0	0	1	43
3J	10.0	10.5			VS		0	30				16									
4C	17.3	18.5	Brown Clay 15'-36'	CH	VST	2.00		39	78	60	24	17		0	14	86	50	0	0	1	7
5C	19.8	21.0	shell 16'-18.5'		VST	2.75		40	81			18									
6C	22.3	23.5	calcareous nodules 18.5'-36'		VST	3.75		39	83			19									
7C	24.8	26.0			VST	3.75		33	89	75	28	50		0	8	92	50	0	0	1	4
8C	27.3	28.5			H	4.00		32	92			51									
9C	29.8	31.0			H	4.25		31	90	65	24	52		0	12	88	50	0	1	1	6
10C	32.3	33.5			H	4.00		21	105			53									
11C	34.8	36.0			H	4.50+		19	108			54									
12C	37.3	38.5	Brown Sandy Clay 36'-51'	CL	H	4.50		18	108			55									
13C	39.8	41.0	calcareous nodules 36'-43.5' & 46'-48.5'		VST	2.00		18	112			56									
14C	42.3	43.5	gypsum 48.5'-51'		VST	3.00		21	105	45	14	57		0	22	78	50	0	0	0	11
15C	44.8	46.0			H	4.50		19	108			58									
16C	47.3	48.5			H	4.50+		18	*			59									
17C	49.8	51.0			VST	2.25		19	*			60									
18C	52.3	53.5	Gray Clay 51'-63.5'	CH	H	4.25		37	84			61									
19C	54.8	56.0	silt Kensides & calcareous nodules 51'-63.5'		H	4.50+		33	89			62									
20C	57.3	58.5			H	4.50		34	87	39	26	63		0	4	96	50	0	0	0	2
21C	59.8	61.0			H	4.50		33	87			64									
22C	62.3	63.5			H	4.50		32	*			65									
									*				Distu b. d.								

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. 72-119

Bottomed at 63.5' Water at ____ Tide Reading +2.2

Sheet 1 of sheets 1