SWG Form 261

12 July 1971

GDLR NO 1595

PROJECT: SABINE NECHES WATERWAY

BORING NO. 77-199

LOCATION: Lat. 29° 34' 17", Long. 93° 46' 19"

TEST DATA SUMMARY

DATE COMPLETED

FIELD NO.	Sample Depth, Feet From	Sample Depth, Feet To	CLASSIFICATION ELEVATION TOP BORING	Length of sample recv'd	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.
	0.0	50.5	# water 0.0-50.5																			
1C	50.5	52.5	Gray clay with some 50.5-55.1 organic material	2.0	CL	M	0.75		31		43	26	5424		0	8	92	50	0	0	0	4
2C	52.5	54.5	Gray & brown clay	2.0		VST	2.50		28				5425									
			Gray & brown clay (no test) (CH) 54.5'-55.1'	2.0		VST	2.50															
3C	54.5	56.5	Gray clayey silty sand 55.1-55.8		ML CL	VST	2.25		20				5426	3	0	30	70	50	0	0	0	15
			Gray sand 55.8'-56.5' 55.8-58.5'		SM	ST	1.00		20				5426A	0	0	72	28	50	0	0	0	36
4C	56.5	58.5	Gray sand with random clay seams	2.0	SP	ST	1.00		21				5427	0	0	74	26	50	0	0	0	37
5C	58.5	59.3	Gray silty sand with 58.5-59.3 organic material	0.8	SM	ST	1.00		21				5428		0	88	12	50	0	0	0	44
			#information obtained from driller's log																			

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. 77-199

Bottomed at Water at Tide Reading +? 8

Sheet 1 of sheets 1

Hole No. 77-199

DRILLING LOG	DIVISION Southwest	INSTALLATION Galv Dist	SHEET 1 OF 1 SHEETS

1. PROJECT: Sabine neches water way
2. LOCATION (Coordinates or Station): lat 29° 34' 17" Lon 93° 46' 19"
3. DRILLING AGENCY: U.S.C.E.C.
4. HOLE NO. (As shown on drawing title and file number): 77-199
5. NAME OF DRILLER: LaRue
6. DIRECTION OF HOLE: [X] VERTICAL [ ] INCLINED ____ DEG. FROM VERT.
7. THICKNESS OF OVERBURDEN
8. DEPTH DRILLED INTO ROCK
9. TOTAL DEPTH OF HOLE: 59.3
10. SIZE AND TYPE OF BIT
11. DATUM FOR ELEVATION SHOWN (TBM or MSL)
12. MANUFACTURER'S DESIGNATION OF DRILL: VIBRO Core
13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN: DISTURBED: — UNDISTURBED: 1 Tube
14. TOTAL NUMBER CORE BOXES
15. ELEVATION GROUND WATER
16. DATE HOLE: STARTED 6 Jul 77 COMPLETED 6 Jul 77
17. ELEVATION TOP OF HOLE
18. TOTAL CORE RECOVERY FOR BORING: 11.3 %
19. SIGNATURE OF INSPECTOR: [signature]

ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOVERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g
			0.0 to 48.0 water depth			
			48.0 to 59.3			
			Gr. stickly cl & Tan Packed sand		1.00	11.3 Sample Recv
	59.3		Bottom @ 59.3			

ENG FORM 1836 MAR 71 PREVIOUS EDITIONS ARE OBSOLETE. (TRANSLUCENT)

PROJECT | HOLE NO. 77-199