12 July 1971

GDLR NO 1595

PROJECT: SABINE NECHES WATERWAY

BORING NO. 77-214

TEST DATA SUMMARY

LOCATION: Lat. 29°, 37', 08", Lon. 93°, 48', 26"

DATE COMPLETED

FIELD NO.	Sample Depth, Feet From	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. 200
	0.0	26.2	# water 0.0 - 26.2																			
1C	26.2	28.0	Gray clay with organic 26.2 - 32.0	1.8	CH	VS	0.0		130				5536									
			material																			
2C	28.0	30.0	Gray clay with organic material	2.0		VS	0.0		140				5537									
3C	30.0	32.0	Gray clay with organic material	2.0		VS	0.0		126		127	93	5538		0	0	100	50	0	0	0	0
4C	32.0	34.0	Gray sandy clay with random 32.0 - 36.0	2.0	CL	VS	0.0		37		44	15	5539		0	22	78	50	0	0	0	11
			sand seams; shell layer 32.4'-32.7'																			
5C	34.0	36.0	Gray sandy clay with random sand	2.0		VS	0.0		45				5540									
			seams, pockets & shell fragments																			
6C	36.0	38.0	Gray clay with random sand 36.0 - 44.0	2.0	CH	VS	0.0		57				5541									
			seams & shell fragments																			
7C	38.0	40.0	Gray clay with random sand seams	2.0		VS	0.0		77				5542									
8C	40.0	42.0	Gray clay with random sand seams	2.0		VS	0.0		75		96	29	5543		0	4	96	50	0	0	0	2
9C	42.0	44.0	Gray clay with random sand seams	2.0		VS	0.0		84				5544									
			#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. 77-214

Bottomed at _____ Water at _____ Tide Reading +2.3

Sheet 1 of sheets 1

Hole No. 77-214

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

1. PROJECT Sabine Neches waterway	10. SIZE AND TYPE OF BIT
2. LOCATION (Coordinates or Station) Lat 29°37'68" Lon 93°48'26"	11. DATUM FOR ELEVATION SHOWN (TBM or MSL)
3. DRILLING AGENCY	12. MANUFACTURER'S DESIGNATION OF DRILL
4. HOLE NO. (As shown on drawing title and file number) 77-214	13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN — DISTURBED: — UNDISTURBED: 1 Tube
5. NAME OF DRILLER LaRives	14. TOTAL NUMBER CORE BOXES
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED ____ DEG. FROM VERT.	15. ELEVATION GROUND WATER
	16. DATE HOLE — STARTED 6 July 77 — COMPLETED 6 July 77
7. THICKNESS OF OVERBURDEN	17. ELEVATION TOP OF HOLE
8. DEPTH DRILLED INTO ROCK	18. TOTAL CORE RECOVERY FOR BORING 18.0 %
9. TOTAL DEPTH OF HOLE 44.0	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 21.0 water depth			
	26.0		26.0 to 44.0 Gr. sticky CL		.05	18.0 sample Reco
			Bottom @ 44.0			

ENG FORM 1836 MAR 71 PREVIOUS EDITIONS ARE OBSOLETE. PROJECT | HOLE NO. 77-214

(TRANSLUCENT)