12 July 1971

USBR No. 1393

PROJECT: SABINE NECHES WATERWAY

BORING NO. 77-216

TEST DATA SUMMARY

LOCATION: Lat. 29°, 34', 33", Long. 93°, 46', 06"

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.
	0.0	37.0	# water 0.0 - 37.0																			
1C	37.0	39.0	Gray sandy clay with random shell fragments 37.0 - 49.0	2.0	CH	VS	0.0		100				5503									
2C	39.0	41.0	Gray sandy clay with random shell fragments	2.0		VS	0.0		79		73	26	5504		0	14	86	50	0	1	3	7
3C	41.0	43.0	Gray sandy clay with random shell fragments & organic material	2.0		VS	0.0		101				5505									
4C	43.0	45.0	Gray sandy clay with random shell fragments & organic material	2.0		VS	0.0		40				5506									
5C	45.0	47.0	Gray sandy clay with random sand seams	2.0		VS	0.0		40				5507									
6C	47.0	49.0	Gray sandy clay with random sand seams	2.0		VS	0.0		40				5508									
7C	49.0	51.0	Gray sandy clay with random sand seams 49.0 - 55.0	2.0	CL	VS	0.0		40		30	14	5509		0	28	72	50	0	0	0	1
8C	51.0	53.0	Gray sandy clay with random sand seams	2.0		VS	0.0		29				5510									
9C	53.0	55.0	Gray sandy clay with random sand pockets and organic material 54.2'-54.6'	2.0		VS	0.0		33				5511									
			#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. 77-216

Bottomed at Water at Tide Reading +2.1

Sheet 1 of sheets 1

Hole No. 77-216

DRILLING LOG	DIVISION South west	INSTALLATION Galv Dist	SHEET 1 OF 1 SHEETS

1. PROJECT: Sabine Neches waterway
2. LOCATION (Coordinates or Station): Lat 29° 34' 23" Lon 93° 46' 06"
3. DRILLING AGENCY: U.S. C.E.
4. HOLE NO. (As shown on drawing title and file number): 77-216
5. NAME OF DRILLER: Lo Dua
6. DIRECTION OF HOLE: [x] VERTICAL [ ] INCLINED ____ DEG. FROM VERT.
7. THICKNESS OF OVERBURDEN
8. DEPTH DRILLED INTO ROCK
9. TOTAL DEPTH OF HOLE: 55.0
10. SIZE AND TYPE OF BIT
11. DATUM FOR ELEVATION SHOWN (TBM or MSL)
12. MANUFACTURER'S DESIGNATION OF DRILL: Vibra-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: 18.0 %
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 37.0 water depth			
			37.0 to 55.0 GR sticky CL to GR CL stiff		1.50	18.0 Sample Recov
	55.0		Bottom at 55.0			

ENG FORM 1836 MAR 71 PREVIOUS EDITIONS ARE OBSOLETE.

PROJECT | HOLE NO. 77-216