12 July 1971

GDLR NO 1595

PROJECT: SABINE NECHES WATERWAY

BORING NO. 77-218

TEST DATA SUMMARY

LOCATION: Lat.29°,32',06",Long.93°,43',11"

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. 200
	0.0	38.5	# water 0.0-38.5																			
1C	38.5	40.5	Gray sandy clay 38.5-42.5	2.0	CL	M	0.75		35		34	18	5570		0	18	72	50	0	0	0	9
2C	40.5	42.5	Gray sandy clay	2.0		M	0.50		24				5571									
3C	42.5	44.5	Gray silty, clayey sand 42.5-44.5 with clay seams	2.0	SM SC	M	0.75		24				5572	3	0	78	22	50	0	0	0	39
4C	44.5	46.5	Gray silty sand with 44.5-47.2 clay layers @ 45.3'-45.6'	2.0	SM	ST	1.50		23				5573	0	0	78	22	50	0	0	0	39
5C	46.5	48.5	Gray sandy clay with 47.2-50.5 random sand seams	2.0	CL	ST	1.00		24				5574									
6C	48.5	50.5	Gray sandy clay with random sand seams	2.0		VST	2.00		20		25	15	5575		0	32	68	50	0	0	0	16
7C	50.5	52.5	Gray silty sand 50.5-51.1	2.0	SM	VS	0.0		19				5576	0	0	58	42	50	0	0	0	29
8C	52.5	54.5	Brown clay with random silt 51.1-56.2 seams	2.0	CH	VST	2.00		27		60	23	5577		0	2	98	50	0	0	0	1
9C	54.5	56.5	Brown clay with random silt seams	2.0		VST	2.00		33				5578									
10C	56.5	58.5	Brown sandy clay 56.2-58.5	2.0	CL	H	4.00		18				5579	9	0	20	80	50	0	0	0	10

#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. 77-218

Bottomed at _____ Water at _____ Tide Reading ±2.2

Sheet 1 of sheets 1

Hole No. 77-218

DRILLING LOG	DIVISION Southwest	INSTALLATION Gate and	SHEET 1 OF 1 SHEETS

1. PROJECT Salmon Creek [illegible]	10. SIZE AND TYPE OF BIT
2. LOCATION (Coordinates or Station) Lat 29° 33' 06" Lon 98° 43' 11"	11. DATUM FOR ELEVATION SHOWN (TBM or MSL)
3. DRILLING AGENCY	12. MANUFACTURER'S DESIGNATION OF DRILL Vibro-core
4. HOLE NO. (As shown on drawing title and file number) 77-218	13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN — DISTURBED: — UNDISTURBED: 1 Tube
5. NAME OF DRILLER L. Bass	14. TOTAL NUMBER CORE BOXES
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED ____ DEG. FROM VERT.	15. ELEVATION GROUND WATER
	16. DATE HOLE — STARTED 7-5-77 — COMPLETED 7-5-77
7. THICKNESS OF OVERBURDEN	17. ELEVATION TOP OF HOLE
8. DEPTH DRILLED INTO ROCK	18. TOTAL CORE RECOVERY FOR BORING 120 %
9. TOTAL DEPTH OF HOLE 50.5	19. SIGNATURE OF INSPECTOR [illegible]

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 38.5 water depth			
	38.5	38.5	to 50.5			
			Gr. stuff cl. to Tan sa. cl. stiff		1.20	12.0 Sample Recov
	50.5		Bottom @ 58.5			

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

PROJECT

HOLE NO. 77-218