

12 July 1971

PROJECT: SABINE NECHES WATERWAYBORING NO. 77-212

TEST DATA SUMMARY

LOCATION: Lat. 29° 13' 33" Long. 93° 40' 00"

DATE COMPLETED _____

FIELD NO.	Sample Depth, Feet		CLASSIFICATION	Length of sample rec'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									
	From	To														PERCENT			INIT. WT.	ACC. WT. RTND. SIEVE NO. (3)					
																GRVL	SAND	FINES		NO. 4	NO. 10	NO. 40	NO. 200		
	0.056.9		# water 0.0-56.9																						
1C	56.958.0		Brown & gray clay with random silt seams 56.9-62.8	1.1	CH	VST	2.00	37						5580			0	0	100	50	0	0	0	0	
2C	58.060.0		Brown & gray clay with random silt seams	2.0		ST	1.25	31				62	23	5581			0	0	100	50	0	0	0	0	
3C	60.062.0		Brown & gray clay with random silt seams	2.0		M	0.75	29						5582			0	2	98	50	0	0	0	1	
4C	62.064.0		Brown & gray clayey sand 62.8-70.0	2.0	SC	ST	1.25	23				33	13	5583			0	58	42	50	0	0	0	29	
5C	64.066.0		Brown & gray clayey sand with shell fragments	2.0		M	0.75	26						5584											
6C	66.068.0		Olive gray clayey sand with shell fragments	2.0		M	0.75	23						5585	5		0	60	40	50	0	0	0	30	
7C	68.070.0		Olive gray silty clayey sand	2.0	SC	ST	1.50	23						5586			0	72	38	50	0	0	0	36	
8C	70.072.0		Olive gray silty clayey sand 70.0-72.0	2.0	SM SC	ST	1.00	22						5587	4		0	76	24	50	0	0	0	38	
9C	72.074.0		Olive gray silty sand 72.0-74.0	2.0	SM	M	0.50	23						5588	2.5		0	74	24	50	0	0	0	37	
			#information obtained from driller's log																						

KEY: CONSISTENCY - COHESIVE SOILS

Vs S M ST VST H VL L H D VD
 Very Soft Soft Medium Stiff Very Stiff Hard Very Loose Loose Medium Dense Very Dense

CONSISTENCY - NONCOHESIVE SOILS

(1) Tons/Sq.Ft. Unconfined Compressive Strength
 (2) Split Barrel Sampler
 (3) Acc. Wt. Rnd. 1 Init. Wt. x 100 = 1 Rnd.

Bottomed at Water at Tide Reading +2.2BORING NO. 77-212Sheet 1 of sheets 1

DRILLING LOG		DIVISION Southwest	INSTALLATION Cable Dist.	SHEET / OF / SHEETS
1. PROJECT Solway Ocean water way			10. SIZE AND TYPE OF BIT	
2. LOCATION (Coordinates or Station) Lot 29° 13' 33" / 100 93° 46' 00"			11. DATUM FOR ELEVATION SHOWN (TBM or MSL)	
3. DRILLING AGENCY USACE			12. MANUFACTURER'S DESIGNATION OF DRILL VIBRO-CORE	
4. HOLE NO. (As shown on drawing title and file number) 77-212			13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN	DISTURBED UNDISTURBED 1 Tube
5. NAME OF DRILLER Lo Rone			14. TOTAL NUMBER CORE BOXES	
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.			15. ELEVATION GROUND WATER	
7. THICKNESS OF OVERBURDEN			16. DATE HOLE STARTED 5/24/77 COMPLETED 5/24/77	
8. DEPTH DRILLED INTO ROCK			17. ELEVATION TOP OF HOLE	
9. TOTAL DEPTH OF HOLE 74.0			18. TOTAL CORE RECOVERY FOR BORING 20.0	
			19. SIGNATURE OF INSPECTOR [Signature]	

ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOV- ERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g
54.0			ca to 54.0 water depth 54.0 to 74.0 TAN SO. CL		20.0	20' Sample Recv
74.0			Bottom @ 74.0			