

12 July 1971

GDLR NO. 1595

PROJECT: SABINE NECHES WATERWAYBORING NO. 77-209LOCATION: Lat. 29° 18' 57", Long. 93° 40' 0"

TEST DATA SUMMARY

DATE COMPLETED _____

FIELD NO.	Sample Depth, Feet		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								
	From	To													PERCENT			INIT. WT.	ACC. WT. RTND. SIEVE NO. (3)				
															GRVL	SAND	FINES		NO. 4	NO. 10	NO. 40	NO. 200	
	0.0	49.5	# water 0.0 - 49.5																				
1C	49.5	51.5	Brown & gray clay 49.5 - 50.5 with random silt seams	2.0	CH	M	0.75	34		73	25	5415		0	0	100	50	0	0	0	0		
			Brown & gray sandy clay 50.5 - 51.5 with random clay layers		CL	S	1.00	28		47	16	5415A		4	18	78	50	2	2	2	11		
2C	51.5	53.5	Brown & gray silty sand 51.5 - 53.5 with random clay seams	2.0	SM		1.50	20				5416		0	66	34	50	0	0	0	33		
3C	53.5	55.5	Gray to brown silty sand 53.5 - 55.5 sand with random clay seams	2.0	SP SM		1.50	22				5417	0	0	96	10	50	0	0	0	45		
4C	55.5	56.7	Grayish brown silty sand 55.5 - 56.7 with random clay seams	1.2	SM		0.75	25				5418		0	80	20	50	0	0	0	40		
			#information obtained from driller's log																				

KEY: CONSISTENCY - COHESIVE SOILS CONSISTENCY - NONCOHESIVE SOILS

VS S K ST VST H VL L H D VD
 Very Soft Soft Medium Stiff Very Stiff Hard Very Loose Loose Medium Dense Very Dense

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

Bottomed at _____ Water at _____ Tide Reading + 2.5BORING NO. 77-209Sheet 1 of sheets 1

Hole No. **77-209**

DRILLING LOG	DIVISION <i>South west</i>	INSTALLATION <i>Cole Dist</i>	SHEET 1 OF 1 SHEETS
1. PROJECT <i>Sabine Necker water way</i>		10. SIZE AND TYPE OF BIT	
2. LOCATION (Coordinates or Station) <i>Lat 29° 18' 57" Long 93° 45' 00"</i>		11. DATUM FOR ELEVATION SHOWN (TBM or MSL)	
3. DRILLING AGENCY <i>U.S.C.F.C.</i>		12. MANUFACTURER'S DESIGNATION OF DRILL <i>Vi-Bro Corp</i>	
4. HOLE NO. (As shown on drawing title and file number) <i>77-209</i>		13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN	DISTURBED UNDISTURBED <i>1 Tube</i>
5. NAME OF DRILLER <i>Larimer</i>		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 <i>4/5/77</i> COMPLETED <i>4/5/77</i>	
8. DEPTH DRILLED INTO ROCK		17. ELEVATION TOP OF HOLE	
9. TOTAL DEPTH OF HOLE		18. TOTAL CORE RECOVERY FOR BORING <i>9.7</i> %	
		19. SIGNATURE OF INSPECTOR <i>Boat Repair</i>	

ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	% CORE RECOV- ERY	BOX-OR SAMPLE NO.	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant)
a	b	c	d	e	f	g
	47.0		0.0 to 47.0 water depth Tan ss. ch to Packed Sand		1.75	9.7' SAMPLE BELOW
	56.7		Bottom			