

12 July 1971

GDLR NO 1595

PROJECT: SABINE NECHES WATERWAY

BORING NO. 77-208

TEST DATA SUMMARY

LOCATION: Lat. 29° 20' 44", Lon. 93° 40' 00"

DATE COMPLETED

FIELD NO.	Sample Depth, Feet		CLASSIFICATION ELEVATION TOP BORING _____	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			
	0.0	48.4	# water 0.0 - 48.4																						
1C	48.4	49.5	Yellowish gray sandy clay 48.4'-50.1'	1.1	CL	VST	2.00		21		32	16	5494		0	24	76	50	0	0	0	12			
2C	49.5	51.5	Brown silty sand 50.1 - 52.2	2.0	SM	VST	3.75		20				5495	0.5	0	50	50	50	0	0	0	25			
3C	51.5	53.5	Brown sandy clay 52.2 - 57.5	2.0	CL	ST	1.00		27				5496	6.5	0	32	68	50	0	0	0	16			
4C	53.5	55.5	Brown & gray clay with silt seams	2.0		M	0.75		29		32	19	5497		0	4	96	50	0	0	0	2			
5C	55.5	57.5	Brown clay	2.0	ML	ST	1.25		27				5498	7	0	8	92	50	0	0	0	4			
6C	57.5	59.5	Brown sandy clayey silt 57.5 - 59.5	2.0	CL	VST	2.25		26				5499	3	0	20	80	50	0	0	0	10			
7C	59.5	61.5	Brown clay with random silt layers 59.5 - 63.5	2.0	CL	S	0.25		32		38	19	5500		0	0	100	50	0	0	0	0			
8C	61.5	63.5	Gray clay with random silt seams	2.0		M	0.50		38				5501												
9C	63.5	65.5	Gray clay with random silt seams 63.5 - 65.5	2.0	CH	S	0.25		39		50	18	5502		0	0	100	50	0	0	0	0			
			#information obtained from driller's log																						

KEY: CONSISTENCY -- COHESIVE SOILS
 Vs S H 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. Rnd: Init. Wt. x 100 = % Rnd.

BORING NO. 77-208

Bottomed at Water at Tide Reading +2.4

Sheet 1 of sheets 1

DRILLING LOG		DIVISION South west	INSTALLATION Calm Dist	SHEET 1 OF 1 SHEETS	
1. PROJECT Soburn, Nevada water well			10. SIZE AND TYPE OF BIT		
2. LOCATION (Coordinates or Station) LAT 39° 20' 00" Lon 98° 45' 00"			11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		
3. DRILLING AGENCY U.S. G.P.C.			12. MANUFACTURER'S DESIGNATION OF DRILL Vibro-Core		
4. HOLE NO. (As shown on drawing title and file number) 77-208			13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED UNDISTURBED 1 Tube
5. NAME OF DRILLER L.A. Brown			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 4/30/77 COMPLETED 4/30/77		
8. DEPTH DRILLED INTO ROCK			17. ELEVATION TOP OF HOLE		
9. TOTAL DEPTH OF HOLE 65.5			18. TOTAL CORE RECOVERY FOR BORING 20.0 %		
			19. SIGNATURE OF INSPECTOR Butt Blumh		

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
			0.0 to 45.5 water depth		1	
	45.5	45.5 to 65.5	TAN CL to GR. CL		1.75	20.0 SAMPLE RECV
	65.5					