

13 July 1971

CDLR NO. 1636

PROJECT: ECKERT'S BAYOU

BORING NO. 78-294

LOCATION: _____

TEST DATA SUMMARY

DATE COMPLETED _____

Plotted FNC

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
1C	0.0	2.5	Dark gray silt with organic material and shell fragments		ML	dist.		8	*				2943		0	0	100	206	1	6	23	206
2J	2.5	5.0	Dark gray silty sand with organic material and shell fragments		SP SM			7					2944		1	89	10	151	1	5	21	136
3C	5.0	7.5	Dark gray to tan silty sand with shell fragments & organic material			dist		9	*				2945		2	86	12	162	3	8	23	142
4J	7.5	8.5	Tan & gray silty sand with random shell fragments calcareous cemented		SM			7					2946		3	84	13	250	7	25	96	217
5J	8.5	10.0	Tan sand with random shell fragments		SP			29					2947		0	98	2	264	0	0	1	259
6J	10.0	12.5	Tan sand with random shell fragments					27					2948		0	97	3	222	1	2	6	215
7J	12.5	15.0	Tan silty sand with random shell fragments		SM			25					2949		0	87	13	186	0	0	1	162
8J	15.0	17.5	Tan silty sand with random shell fragments		SP SM			30					2950		0	94	6	203	0	1	6	190
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VS S R ST VST R 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.

Bottomed at _____ Water at _____ Tide Reading _____

BORING NO. 78-294

Sheet 1 of sheets 1

DRILLING LOG		DIVISION South west		INSTALLATION Galveston Dist Office		SHEET OF 1 SHEETS	
1. PROJECT Eckert's Bayou				10. SIZE AND TYPE OF BIT			
2. LOCATION (Coordinates or Station)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL) + 9.87' msl			
3. DRILLING AGENCY US CEC				12. MANUFACTURER'S DESIGNATION OF DRILL ARCO 550			
4. HOLE NO. (As shown on drawing title and file number) 78-294				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED 2	
5. NAME OF DRILLER Don Curtis				14. TOTAL NUMBER CORE BOXES		UNDISTURBED 6	
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER			
7. THICKNESS OF OVERBURDEN				16. DATE HOLE		STARTED 16 Sept '78	
8. DEPTH DRILLED INTO ROCK				17. ELEVATION TOP OF HOLE		COMPLETED 16 Sept '78	
9. TOTAL DEPTH OF HOLE 17.5'				18. TOTAL CORE RECOVERY FOR BORING			
				19. SIGNATURE OF INSPECTOR A. B. PRICE			
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	
	2		0.0' to 2.5' Dark gray, massive silty sand (loam) sand fine grained subrounded to sub angular, moderately well sorted	N.P. 2.5	1-J	0.0' to 12.5' 6" auger. 12.5' to 17.5' 3-inch auger.	
	4		2.5' to 7.5' Dark gray silty sand, as above, except abundant small (< 2mm) shell fragments,	N.P. 5.0	2-J	Drilling mud <u>not</u> used.	
	6				3-J		
	8		7.5' to 8.5' Light Gray massive, poorly sorted sandy silt and abundant shell frags.	7.5 8.5	4-J		
	10			10.0	5-J		
	12		8.5' to 17.5' Light gray massive well sorted sand with common small (< 2mm) shell fragments.	12.5	6-J		
	14			15.0	7-J		
	16				8-J		
	18		17.5 Total Depth	17.5			