

SWC Form 267

12 July 1971

CORRECTED COPY

GDLR NO 1636

PROJECT: ECKERTS BAYOU

BORING NO. 78-299

LOCATION:

TEST DATA SUMMARY

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
1J	0.0	2.0	Grayish brown sand with organic material 0.0 - 4.0		SP			5						2993		0	96	4	203	0	2	14	194
2J	2.0	4.0	Tan sand with trace organic material		SP			5						2994		0	96	4	259	0	1	5	248
3J	4.0	6.0	Tan silty sand with trace organic material 4.0 - 6.0		SM			15						2995		0	95	5	240	0	0	1	227
4J	6.0	8.0	Tan sand with shell fragments 6.0 - 8.0		SP			20						2996		3	93	4	310	8	33	106	298
5J	8.0	10.0	Tan silty sand with random shell fragments 8.0 - 10.0		SM			27						2997		0	90	10	337	1	5	24	305
6J	10.0	11.0	Tan sand with random shell fragments 10.0 - 15.0		SP			29						2998		0	98	2	290	1	2	11	285
	11.0	13.0	# Tan sand (washed)																				
7J	13.0	15.0	Tan sand with random shell fragments			VD		42	28					2999		0	100	0	46	0	0	1	46
	15.0	18.0	# Tan sand (washed)																				
8J	18.0	20.0	Olive gray clayey sand with random sand seams 15.0 - 22.5		SC	M		6	29					3000									
9C	20.0	22.5	Gray & tan clayey sand	1.15	H		4.50+	18	110	29	18			3001		0	66	34	50	0	0	0	33
10C	22.5	25.0	Reddish brown & gray clay with random sand seams 22.5 - 27.5	1.15	CH	VST	2.25	21	108					3002									
11C	25.0	27.5	Reddish brown & gray clay	1.15		VST	2.50	22	102	54	18			3003		0	14	86	50	0	0	0	3
12C	27.5	30.0	Reddish brown clay with .35' silty sand layer with calcareous cemented sandstone 27.5 - 30.0	1.10	CL	M	0.50	25	102	29	17			3004		0	2	98	50	0	0	1	3
			#information obtained from driller's log																				

KEY:

CONSISTENCY - COMMISSIONER'S SOILS

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(1) Tons/Sq. Ft. Unconfined Compressive Strength

(2) Split Barrel Sampler

(3) Acc. Wt. Rnd & Init. Wt. x 100 = % Rnd.

Very Soft Soft Medium Stiff Very Stiff Hard Very Loose Loose Medium Dense Very Dense

BORING NO. 78-299

Retained at

Water at

Tide Reading

Sheet of sheets

DRILLING LOG		DIVISION South west		INSTALLATION Galveston District		SHEET 1 OF 1 SHEETS	
1. PROJECT Eckerts Bayou				10. SIZE AND TYPE OF BIT			
2. LOCATION (Coordinates or Station) 78-299				11. DATUM FOR ELEVATION SHOWN (TBM or MSL) + 6.98' MSL			
3. DRILLING AGENCY US CEC - G.D.O.				12. MANUFACTURER'S DESIGNATION OF DRILL Arco 550			
4. HOLE NO. (As shown on drawing title and file number) 78-299				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN 8		DISTURBED 4	
5. NAME OF DRILLER Don Curtis				14. TOTAL NUMBER CORE BOXES			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER			
7. THICKNESS OF OVERBURDEN ± 1.0'				16. DATE HOLE 20 SEP '78		STARTED 20 Sept '78	
8. DEPTH DRILLED INTO ROCK 30.0'				17. ELEVATION TOP OF HOLE 7.13' M.S.L.		COMPLETED	
9. TOTAL DEPTH OF HOLE				18. TOTAL CORE RECOVERY FOR BORING			
				19. SIGNATURE OF INSPECTOR <i>Ann B. Fin</i>			
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 7.0 medium to dark gray silty sandy loam, massive. Grades downward to light tan colored silty sand, massive, fine grained well sorted. Sand quartzose subrounded to angular, well sorted.	N.P. 2.0	1J	0.0 to 11.0' 8-inch auger	
	4'			N.P. 4.0	2J		
	6'			N.P. 6.0	3J	4.0' to 6.0' sample was moist.	
	8'		7.0' to 18.0' As above except abundant shell frags (marine) poorly sorted, sands more coarse grained, massive.	N.P. 8.0	4J	9.0' very wet, possible water table. 11.0' sand water saturated.	
	10'			N.P. 10.0	5J	WATER TABLE:	
	12'			N.P. 11.0	6J	11.0' to 2-inch split spoon using drilling mud.	
	14'					Washed down to 13.0'	
	16'			N.P. 15.0	7J	13.5' to 14.0' = 19 Blows 14.0' to 14.5' = 23 Blows	
	18'		← Rapid gradational contact			Washed down to 18.0'	
	20'		18.0' to 21.0' gray to dark gray clay and sandy, silty clay, massive few shell frags. gradational contact		8-J	18.5' to 19.0' = 3 Blows 19.5' to 20.0' = 3 Blows	
	22'		21.0' to 24.6' massive, mottled reddish brown and bluish sandy clay.	4.50 22.5	9-C		
	24'			3.25	10-C		
	26'		24.6' to 30.0' mottled, pale reddish brown and gray clay, becomes silty toward base, and pale reddish-brown in color	25.01 27.5	11-C		
	28'			2.50	12-C		
	30'					TOTAL Depth 30.0'	