

SWG Form 267

12 July 1971

PROJECT: Eckerts Bayou

LOCATION:

GDLR NO 1636

BORING NO. 78-301

TEST DATA SUMMARY

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			WT. INIT.	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 - 6.0	SP			5					3012		0	97	3	206	0	0	0	199
2J	2.0	4.0	Brownish gray sand					13					3013		0	99	1	216	0	0	0	213
3J	4.0	6.0	Brownish gray sand with organic material					30					3014		0	99	1	229	0	0	0	226
4J	6.0	7.0	Brownish silty sand with organic material	6.0 - 10.0	SP SM			32					3015		0	94	6	237	0	1	2	236
	7.0	10.0	# washed down to 10.0', Dark gray sand																			
5J	10.0	12.0	Gray sand with random shell fragments	10.0 - 22.0	SP	VD		38	35				3016		2	97	1	214	4	10	211	214
	12.0	15.0	# washed down to 15.0', light gray sand																			
	15.0	17.0	# no recovery, light gray sand																			
	17.0	18.0	# washed, light gray sand																			
6J	18.0	20.0	Gray gravelly sand with random shell fragments			VD		47	24				3017		11	87	2	284	31	45	279	284
	20.0	22.0	# washed																			
7C	22.0	24.5	Reddish brown & gray clay with random sand seams & weathered limestone pockets; 0.1' sand layer at top of sample	22.0 - 24.5	1.15 CH	ST	1.25	25	102	72	20		3018		0	12	88	50	0	1	1	6
	24.5	25.8	# washed, light reddish brown and gray clay																			
			# information obtained from driller's log																			

KEY: CONSISTENCY - COMPACTION

VS S H ST VST H VL L M 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 = T Read.

BORING NO. 78-301

Bottomed at

Water at

Tide Reading

Sheet 1 of sheets 1

DRILLING LOG		DIVISION Southwestern	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) +5.28 MSL			
3. DRILLING AGENCY USCEC, G.D.O.			12. MANUFACTURER'S DESIGNATION OF DRILL Arco 550			
4. HOLE NO. (As shown on drawing title and file number) 78-301			13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED 6	
5. NAME OF DRILLER Don Curtis			14. TOTAL NUMBER CORE BOXES		UNDISTURBED 1	
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.			15. DATE HOLE STARTED 21 Sept 1978 COMPLETED 22 Sept 1978			
7. THICKNESS OF OVERBURDEN			16. ELEVATION TOP OF HOLE +5.28 MSL			
8. DEPTH DRILLED INTO ROCK			17. TOTAL CORE RECOVERY FOR BORING %			
9. TOTAL DEPTH OF HOLE 25.8'			18. SIGNATURE OF INSPECTOR <i>[Signature]</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		0.0' to 4.0' Medium dark gray silty sandy loam, massive, loose, gradational to unit beneath.	N.P. 2.0	1-J	8' inch auger to 7.0'
	4.0		4.0' to 7.0' Dark gray sand, massive, fine grained, few to common shell and plant (?) fragments. Sand fine grained, quartzose, sub-angular to sub rounded, well sorted. Gradational to:	N.P. 4.0	2-J	2' inch split spoon ' to 22.0'
	6.0			N.P. 6.0	3-J	3-inch Shelby Tube to 25.8'
	8.0				4-J	
	10.0		7.0' to 22.0' Light gray moderately well sorted, sand, abundant	10.0		Washed down to 10.0'
	12.0			12.0	5-J	10.5 to 11.0' : 13 Blows 11.0 to 11.5' : 20 Blows
	14.0					Washed down to 15.0'
	16.0					15.0' to 17.0' NO RECOVERY
	18.0				6-J	18.5' to 19.0' : 21 Blows 19.0' to 19.5' : 26 Blows
	20.0					
	22.0			22.0		Washed down to 22.0'
	24.0		22.0 to 25.8 mottled light reddish brown and gray massive, stiff clay	2.4 24.5	1.2' re 7-C	
	26.0		25.8' Total Depth			