SWG Form 267
12 July 1971

GDLR NO 1636

PROJECT: Eckerts Bayou

BORING NO. 78-298

TEST DATA SUMMARY

LOCATION:

DATE COMPLETED

FIELD NO.	Sample Depth, Feet From	To	CLASSIFICATION ELEVATION TOP BORING 6.98	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 PERCENT GRVL	SAND	FINES	WT. INIT.	ACC. WT. RTND. SIEVE NO. (3) NO. 4	NO. 10	NO. 40	NO. 200
1J	0.0	2.0	Tan silty sand with trace organic material 0.0 - 2.0		~~SP~~ SM				3				2982		0	93	7	204	0	0	0	189
2J	2.0	4.0	Tan sand with trace organic material 2.0 - 8.0		~~SP~~ SM				6				2983		0	96	4	221	0	0	2	212
3J	4.0	6.0	Tan sand with trace organic material & random shell fragments						18				2984		0	100	0	265	1	1	9	265
4J	6.0	8.0	Tan sand with trace organic material & trace shell fragments						22				2985		3	93	4	261	7	19	49	250
5J	8.0	10.0	Tan silty sand with trace organic material & trace of shell fragments 8.0 - 13.0		~~SP~~ SM				25				2986		0	95	5	221	1	2	10	211
	10.0	13.0	# washed		~~SP~~ SM																	
6J	13.0	15.0	Tan sand with trace organic material & trace of shell fragments 13.0 - 21.6		~~SP~~ SM	VD		56	51				2987		0	99	1	166	0	1	6	164
	15.0	18.0	# washed																			
7J	18.0	20.0	Tan sand with trace organic material & trace shell fragments			VD		52	26				2988		0	98	2	47	0	0	1	46
	20.0	21.6	# washed																			
8C	21.6	24.0	Gray & tan clay with random calcareous nodules 21.6 - 26.0	1.2	CL	ST	1.25		19	112	44	16	2989		0	12	88	50	0	1	1	6
9C	24.0	26.0	Brown & gray clay with random calcareous nodules	1.2		ST	1.75		20	*			2990									
10C	26.0	28.0	Gray & brown sandy clayey silt with random calcareous nodules 26.0 - 28.0	1.1	ML CL	ST	1.50		19	109	27	20	2991		0	18	82	50	0	2	4	9
11C	28.0	30.0	Reddish brown sandy silt 28.0 - 30.0	1.1	ML	M	0.75		19	109			2992	2	0	48	52	50	0	0	1	24
			#Information obtained from driller's log					* Disturbed														

KEY: CONSISTENCY — COHESIVE SOILS: VS Very Soft, S Soft, M Medium, ST Stiff, VST Very Stiff, H Hard. CONSISTENCY — GRANULAR SOILS: VL Very Loose, L Loose, M Medium, D Dense, VD Very Dense

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

BORING NO. 78-298

Bottomed at Water at Tide Reading Sheet 1 of sheets 1

Hole No. 73-298

DRILLING LOG	DIVISION SW	INSTALLATION Gal. Dist.	SHEET 1 OF 1 SHEETS

1. PROJECT Ecorse Bayou Pipeline Crossing
2. LOCATION (Coordinates or Station)
3. DRILLING AGENCY C of E
4. HOLE NO. (As shown on drawing title and file number) 73-298
5. NAME OF DRILLER Curtis
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.
7. THICKNESS OF OVERBURDEN
8. DEPTH DRILLED INTO ROCK —
9. TOTAL DEPTH OF HOLE 30.0'
10. SIZE AND TYPE OF BIT
11. DATUM FOR ELEVATION SHOWN (TBM or MSL) +6.98 M.S.L.
12. MANUFACTURER'S DESIGNATION OF DRILL Arco 550
13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN: DISTURBED 7; UNDISTURBED 4
14. TOTAL NUMBER CORE BOXES
15. ELEVATION GROUND WATER
16. DATE HOLE: STARTED 7-20-73; COMPLETED 20Sept'73
17. ELEVATION TOP OF HOLE
18. TOTAL CORE RECOVERY FOR BORING %
19. SIGNATURE OF INSPECTOR

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 21.6' Brown silty S.W. V Fine Loose Angular to Sub-Angular Between 4± And 6± start getting small scattered well sorted Shell frags. Between 6± & 13± get massive Deposits of Shell Poorly Sorted Started Driving at 13±	2.0	1-J	0± To 10± 3" Auger B.H.
	4.0			4.0	2-J	13± To 20.0' Drive Tube (split spoon), 20.0' to 30.0' 3-inch Shelby Tube
	6.0			6.0	3-J	
	8.0			8.0	4-J	
	10.0			10.0	5-J	Used Drilling mud: 10.0' to Damp at 6.0' Water sample 8.0'
	12.0			Washed Ahead 13.0		
	14.0			15.0	6-J	13± to 14± = 25 Blows 14± to 14.5 = 31 Blows
	16.0					
	18.0			18.0		Washed to 18.0
	20.0			20.0	7-J	18.5 to 19.0 ; 25 Blows 19.0 to 19.5 : 27 Blows
	22.0		21.6' to 27.4 Mottled pale bluish-gray clay, common iron-oxide stains and ferugenous, and calcerous nodules to 2cms. Very stiff. 24.4 ± 0.1' thick layer of well rounded, ± ½mm to ±1cm brownish red colored ferugenous nodules in sand-silt matrix - very loose. 27.4 to 30.0 Massive pale gray silty sand, somewhat clayey.	21.6		Washed to 21.6'
	24.0			3.00 24.0	8C	
	26.0			3.5 26.0	9C	
	28.0			2.25 28.0	10-C	
	30.0			0.25 30.0	11-C	30.0' Total Depth