

DRILLING LOG		DIVISION Southwestern		INSTALLATION Galv Dist, Eng Div		SHEET OF SHEETS	
1. PROJECT Neches River - Channel to Evadale				10. SIZE AND TYPE OF BIT			
2. LOCATION (Coordinates or Station)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY U. S. Army Corps of Engineers				12. MANUFACTURER'S DESIGNATION OF DRILL			
4. HOLE NO. (As shown on drawing title and file number)		3ST-10		13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED 4 Jars	
5. NAME OF DRILLER Curtis				14. TOTAL NUMBER CORE BOXES		UNDISTURBED 5 Cont	
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER			
7. THICKNESS OF OVERBURDEN				16. DATE HOLE		STARTED 16 Feb	
8. DEPTH DRILLED INTO ROCK				17. ELEVATION TOP OF HOLE		COMPLETED 16 Feb 1966	
9. TOTAL DEPTH OF HOLE 35.0				18. TOTAL CORE RECOVERY FOR BORING %			
				19. SIGNATURE OF INSPECTOR			
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	9.0		Water				
9.0	11.0		Brown sandy clay, organic decayed wood soft			Cont. 1	0.25
11.0	13.0		Tan sandy clay organic medium			Cont. 2	0.75
13.0	15.0		Gray sandy clay organic decayed wood, v/soft			Cont. 3	0.0
15.0	15.5		Same as below			Washed	
15.5	18.0		Gray clayey sand, organic decayed wood and roots v/soft			Cont. 4	0.0
18.0	20.0		Gray sandy clay, tr organic v/soft			Cont. 5	0.0
20.0	21.0		Same as above			Washed	
21.0	23.5		Gray sandy clay, soft Weight of 30' rods and hammer pent. 2-1/2"			Jar 1	
23.5	24.0		Same as below				
24.0	26.0		Gray clayey sand Weight of hammer and 3 rods v/soft			Jar 2	
26.0	28.0		Same as above, washed			No sample	
28.0	30.0		Gray sand medium, tr clay and organic 28.0-28.5 No blows 28.5-29.0 3 blows 29.0-29.5 2 blows 29.5-30.0 No count			Jar 3	
30.0	33.0		Same as below			Washed	
33.0	35.0		Gray sand, medium 33.0-33.5 No count 33.5-34.0 7 blows 34.0-34.5 16 blows 34.5-35.0 No count Bottomed			Jar 4	

28 Jan 1965

SUMMARY UNCONFINED COMPRESSION TEST DATA
TABLE /

GALVESTON DISTRICT LABORATORY REPORT NO. 1103

PROJECT Neches River
Channel to Eadsdale

[illegible]

*TONS/SQ.FT. UNCONFINED COMPRESSIVE STRENGTH

SWG Form 267(C)

28 Jan 1965

PROJECT: Neches RiverLOCATION: Channel to Evadale

TEST DATA SUMMARY

BORING NO. 3st-10DATE DRILLED 16 Feb 1966

FIELD NO.	DEPTH	CLASSIFICATION ELEVATION TOP BORING _____	SYMBOL	CONSISTENCY	POCKET (1) PENETROMETER	STAN. PENET. BLOWS/FT (2)	MOISTURE CONTENT %	DRY DENSITY p. c. f.	L.L.	P.L.	BAR L.S.	SIEVE ANALYSIS								
												PERCENT			INIT. WT.	ACC. WT. RTND. SIEVE NO. (3)				
												GRVL	SAND	FINES		NO. 4	NO. 10	NO. 40	NO. 200	
	0-9	Water																		
C-1	9-11	Brown, Gray sandy silt	ML	S	0.25		37.0	83												
C-2	11-13	9-23.5		S	0.25		33.4	89												
C-3	13-15	Same organic material		VS	0.0		33.0	76			2.0	0	24	76	50	0	0	0	12	
X	15-15.5						33													
C-4	15.5-18			S	0.25		32.3	85												
C-5	18-20			S	0.25		29.7	91			1.5	0	46	52	50	0	0	0	24	
X	20-21																			
J-1	21-23.5						31.9													
X	23.5-24	Gray silty sand 23.5-30	SM																	
J-2	24-26						46	29.4			0.0	0	68	32	50	0	0	0	34	
X	26-28																			
J-3	28-30			L			5	22.9			0.0	0	49	32	50	0	0	2	34	
X	30-33	Brown, Gray silty sand	SP																	
J-4	33-35	30-35		D			23	12.1			0.0	2	86	12	50	1	1	35	44	

KEY: CONSISTENCY — COHESIVE SOILS CONSISTENCY — COHESIONLESS SOILS

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 = % Rnd.

BORING NO. 3st-10