

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-16		13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED 8 Jars UNDISTURBED 2 Cont	
5. NAME OF DRILLER Curtis				14. TOTAL NUMBER CORE BOXES			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEG. FROM VERT.				15. ELEVATION GROUND WATER			
7. THICKNESS OF OVERBURDEN				16. DATE HOLE		STARTED 16 Feb COMPLETED 16 Feb 1966	
8. DEPTH DRILLED INTO ROCK				17. ELEVATION TOP OF HOLE			
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	2.0		Water				
2.0	2.5		Tan sand tr clay			Jar 1	
2.5	4.0		Tan clay, organic, tr sand stiff			Cont. 1 1.0	
4.0	6.0		Brown clay, stiff			Cont. 2 1.0	
6.0	8.0		Brown clayey sand, soft			Jar 2	
8.0	10.0		Same as above, no recovery				
10.0	12.0		Brown sand, medium			Jar 3	
12.0	13.0		Same as above, washed				
13.0	15.0		Brown sand, tr clay 13.0-13.5 No count 13.5-14.0 6 blows 14.0-14.5 10 blows 14.5-15.0 No count			Jar 4	
15.0	18.0		Same as below, washed				
18.0	20.0		Gray sand, fine, washed 18.0-18.5 No count 18.5-19.0 20 blows 19.0-19.5 35 blows			Jar 5	
20.0	23.0		Same as below				
23.0	25.0		Tan sand, medium Decayed log at 25.0 23.0-23.5 No count 23.5-24.0 9 blows 24.0-24.5 6 blows 24.5-25.0 No count			Jar 6	
25.0	28.0		Same as below			washed	
28.0	30.0		Gray sand, medium, washed 28.0-28.5 No count 28.5-29.0 21 blows 29.0-29.5 37 blows 29.5-30.0 No count			Jar 7	
30.0	35.0		Gray sand, unable to drive could not set casing, washed BOTTOMED			Jar 8	

28 Jan 1965

SUMMARY UNCONFINED COMPRESSION TEST DATA
TABLE /

GALVESTON DISTRICT LABORATORY REPORT NO. 1103

PROJECT Neches River
Channel to Everts

[illegible]

*TONS/SQ.FT. UNCONFINED COMPRESSIVE STRENGTH

28 Jan 1965

 PROJECT: Neches River

 LOCATION: Channel to Evadale

TEST DATA SUMMARY

 BORING NO. 3st-16

 DATE 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	
	0-2	Water																		
J-1	2-2.5	Brown silty sand 2-2.5	SM				25.1				0.0	0	62	38	50	0	0	0	31	
C-1	2.5-4	Brown clay 2.5-6	CL	ST	125		34.3	84												
C-2	4-6			M	0.75		33.8	84			10.0	0	8	92	50	0	0	0	4	
J-2	6-8	Brown silty sand 6-10	SM				23.1				0.0	0	54	36	50	0	0	1	32	
X	8-10																			
J-3	10-12	Brown silty sand 10-13	SP				26.0				0.0	0	88	12	50	0	0	8	44	
X	12-13																			
J-4	13-15	Brown silty sand 13-15	SM	D		16	19.2				0.0	0	84	16	50	0	0	10	42	
X	15-18	Brown sand 15-20	SP																	
J-5	18-20			VD		55	23.2				0.0	0	99	2	50	0	0	7	19	
X	20-23	Brown silty sand 20-25	SP																	
J-6	23-25			D		16	18.8				0.0	0	92	8	50	0	0	14	46	
X	25-28	Gray sand 25-25	SP																	
J-7	28-30			VD		58	23.2				0.0	0	96	4	50	0	0	8	48	
J-8	30-35						21.7													

KEY: CONSISTENCY — COHESIVE SOILS VS S M 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. Rtd ÷ Init. Wt. x 100 = % Rtd.

 BORING NO. 3st-16