

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-15		13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED 6 Jars UNDISTURBED	
5. NAME OF DRILLER Curtis				14. TOTAL NUMBER CORE BOXES			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				16. DATE HOLE 7 Mar		STARTED COMPLETED 7 Mar 1966	
7. THICKNESS OF OVERBURDEN				17. ELEVATION TOP OF HOLE			
8. DEPTH DRILLED INTO ROCK				18. TOTAL CORE RECOVERY FOR BORING %			
9. TOTAL DEPTH OF HOLE 35.0				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		Bank				
9.0	15.8		Water 6.8				
15.8	18.0		Gray sand, fine 16.0-16.5 No count 16.5-17.0 5 blows 17.0-17.5 5 blows			Jar 1	
18.0	21.0		Gray sand, decayed wood			no sample	
21.0	23.0		Gray sand, fine 21.0-21.5 No count 21.5-22.0 5 blows 22.0-22.5 6 blows washed sample			Jar 2	
23.0	27.0		Gray sand, decayed wood			no sample	
27.0	29.0		Gray sand, medium, trace of gravel, org. decayed wood 27.0-27.5 No count 27.5-28.0 3 blows 28.0-28.5 4 blows			Jar 3	
29.0	33.0		Gray sand, medium, trace of gravel and layers of clay org, decayed wood			Jar 4	
33.0	34.5		Gray sand, medium, tr gravel and organic 33.0-33.5 no count 33.5-34.0 17 blows 34.0-34.5 27 blows			Jar 5	
34.5	35.0		Gray sand, fine dence Bottomed			Jar 6	

28 Jan 1965

PROJECT: Neches RiverLOCATION: Channel to Evadale

TEST DATA SUMMARY

BORING NO. 3st-15DATE DRILLED 7 MAR 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																			
	9-15.8																			
J-1	15.8-18	Gray silty sand 15.8-18	SP	D	10		24.5				0.0	0	88	12	50	0	0	2	44	
X	18-21	nc. Gray sand & decayed wood																		
J-2	21-23	Gray sand 21-23	SP	D	11		22.8				0.0	0	98	2	50	0	0	40	49	
X	23-27	nc. Gray sand & decayed wood																		
J-3	27-29	Gray silty gravelly sand 27-29	SP	M	7		20.9					18	77	5	632	52	113	358	602	
J-4	29-33	Gray gravelly sand 29-33	SP				26.0					15	81	4	530	84	187	454	557	
J-5	33-34.5	Gray silty sand w/ trace of gravel 33-34.5	SP	VD	44		17.2				0.0	6	88	6	50	3	5	38	47	
J-6	34.5-35	Gray silty sand 34.5-35	SM				23.5				0.0	0	76	24	50	0	1	2	38	
		Height of Bank 9.0'																		
		Water depth 6.8' ?																		

KEY: CONSISTENCY -- COHESIVE SOILS
 VS S H ST VST H VL L H D VD
 Very Soft Soft Medium Stiff Very Stiff Hard Very Loose Loose Medium Dense Very Dense

CONSISTENCY -- COHESIONLESS SOILS

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

BORING NO. 3st-15