

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-31		13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED 6 Jars	UNDISTURBED 1 Cont
5. NAME OF DRILLER Curtis				14. TOTAL NUMBER CORE BOXES			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				16. DATE HOLE		STARTED 2 Mar	COMPLETED 2 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 25.0				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	1.0		Height of bank			
1.0	2.3		Water			
2.3	3.0		Brown and gray sandy clay v/soft, w/org. mat.			Jar 1
3.0	5.0		Gray fine sand, w/tr clay			Jar 2
5.0	6.0		Same as above, washed sample			no sample
6.0	8.0		Gray fine sand w/tr clay and org. mat. 6.0-6.5 Seat pent 6.5-7.0 2 blows 7.0-7.5 3 blows 7.5-8.0 Hold sample			Jar 3
8.0	11.0		Same as above, w/rotten wood washed away			no sample
11.0	13.0		Fine gray sand w/rotten wood no recovery, caught washed sand 11.0-11.5 seat pent 11.5-12.0 4 blows 12.0-12.5 6 blows 12.5-13.0 hold sample			Jar 4
13.0	16.0		Same as above, washed			no sample
16.0	18.0		Gray sand, fine decayed wood 16.0-16.5 no count 16.5-17.0 11 blows 17.0-17.5 9 blows 17.5-18.0 no count			Jar 5
18.0	22.5		Gray sand, fine decayed wood washed sample			Jar 6
22.5	23.0		Same as below, washed			no sample
23.0	25.0		Gray sandy clay, decayed wood, stiff			Cont. 1 1.25
			BOTTOMED			
			Water #1.3			

28 Jan 1965

PROJECT: Neches RiverLOCATION: Channel to EuadaleBORING NO. 357-31DATE DRILLED 2 Mar 1966

TEST DATA SUMMARY

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	
	0-1																			
	1-2																			
J-1	2-3	Brown, Gray silty sand	SM				57.3				0.0	0	64	36	50	0	0	0	32	
J-2	3-5	2.3-11					39.5				0.0	0	90	20	50	0	0	0	40	
X	5-6																			
J-3	6-8			M		5	31.5													
X	8-11																			
J-4	11-13	Gray sandy silt/clay	SP	M		10	29.0				0.0	0	98	2	50	0	0	2	49	
X	13-16	degraded wood 11-22.5																		
J-5	16-18			D		20	28.6													
J-6	18-22						27.1													
X	22-23	Gray sandy clay 22.5-25	CL																	
C-1	23-25		ST		1.25		29.9	97			9.0	2	28	70	50	1	1	7	15	
		Height of Bank 1.0'																		
		Water depth in River 1.3'																		

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

CONSISTENCY — COHESIONLESS SOILS

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

BORING NO. 357-31