

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-24			13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN	DISTURBED 5 Jars	UNDISTURBED 1 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 24 Feb	COMPLETED 24 Feb 1966
8. DEPTH DRILLED INTO ROCK			17. ELEVATION TOP OF HOLE		
9. TOTAL DEPTH OF HOLE 30.0			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	6.0		Water			
6.0	10.0		White sand, fine to medium grained, saturated, washed sample Unable to pickup w/splitspoon casing drove ahead w/pentrometer			Jar 1
10.0	16.5		Same as above			No sample
16.5	18.0		White sand, medium grained medium dense, w/fine gravel at 17.8 16.5-17.0 3 blows 17.0-17.5 12 blows 17.5-18.0 10 blows			Jar 2
18.0	20.5		Washed, same as above			
20.5	22.0		Decayed wood and white medium grained sand, sample is washed No recovery w/pentrometer 21.0-21.5 2 blows 21.5-22.0 4 blows			Jar 3
22.0	26.0		Washed, same as below			
26.0	27.6		White sand medium grained dense 26.0-26.5 Seat pent 26.5-27.0 16 blows 27.0-27.5 24 blows			Jar 4
27.5	28.0		Gray and brown very fine grained silty sand			Jar 5
28.0	30.0		Light gray and brown clay beaumont, hard, moist, w/few small silt pockets and lenses			Cont. 1 4.25
			BOTTOMED			
			Water 6.0 Bank 4'			

SWG Form 267(c)

28 Jan 1965

PROJECT: Neches RiverLOCATION: Channel to Evadale

TEST DATA SUMMARY

BORING NO. 3st-24DATE DRILLED 24 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	
	0-6	Water																		
J-1	6-10	Gray sand 6-27.6	SP				23.9				0.0	0	100	0	50	0	0	33	50	
X	10-16																			
J-2	16 ^s -18			VD		22	18.6	(21)												
X	18-20																			
J-3	20-22			M		6	29.7													
X	22-24	1																		
J-4	26-27.5			VD		40	19.7													
J-5	27.5-28	Gray Brown silty sand 27.6-28	SM				14.6			In situ										
C-1	28-30	Reddish clay 28-30	CH	H	425		23.3	103			20.0	0	0	100	50	0	0	0	0	
		Height of Bank 40'																		
		Water depth in River 6.0'																		
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KEY: CONSISTENCY — COHESIVE SOILS CONSISTENCY — COHESIONLESS SOILS

VS S M ST VST H VL L H 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. Rtn'd ÷ Init. Wt. x 100 = % Rtn'd.

BORING NO. 3st-24