Hole No. 4A-17

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) 4A-17	13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN: DISTURBED 5 Jars; UNDISTURBED
5. NAME OF DRILLER Curtis	14. TOTAL NUMBER CORE BOXES
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED ____ DEG. FROM VERT.	15. ELEVATION GROUND WATER
	16. DATE HOLE: STARTED 18 Feb; COMPLETED 18 Feb 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 20.0	19. SIGNATURE OF INSPECTOR

ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOVERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g
0.0	1.0		Brown sand clay topsoil w/roots			Jar 1
1.0	5.0		Tan sand clay, stiff			Jar 2
5.0	8.5		Tan red beaumont clay, v/stiff			Jar 3
8.5	9.0		Tan red clayey sand			No sample
9.0	12.0		Tan brown sand medium w/tr clay			Jar 4
12.0	14.0		Tan brown sand, medium			Jar 5
14.0	20.0		Gray coarse sand, unable to pickup with bucket auger went through sand with chip auger			No sample
			BOTTOMED			
			Water seepage -1			

SWG Form 267(C)
28 Jan 1965

PROJECT: Neches River

LOCATION: Channel to Evadale

TEST DATA SUMMARY

BORING NO. 4A-17

DATE DRILLED 18 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 GRVL	SAND	FINES	INIT. WT.	ACC. WT. RTND. SIEVE NO. (3) NO. 4	NO. 10	NO. 40	NO. 200
J-1	0-1	Brown Clay 0-1	CL				47.7				7.5	0	2	98	50	0	0	0	1
J-2	1-5	Brown Clay 1-8.5	CH			(36)	37.1		51		14.0	0	12	88	50	0	0	0	6
J-3	5-8.5						34.3												
	8.5-9	D.C. Brown Clayey Sand																	
J-4	9-12	Brown Silty Sand 9-20	SM			(2)	24.5				0.0	0	82	18	50	0	0	0	11
J-5	12-14						28.6												
	14-20																		

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

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

BORING NO. 4A-17