Hole No. 3ST-3

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-3	13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN: DISTURBED 4 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 28 Feb; COMPLETED 28 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	4.0		Brown sandy clay w/roots increased in sand, w/depth, stiff			Jar 1
4.0	5.5		Brown sandy clay w/increase in sand, coarse grain, med			No sample
5.5	9.5		Brown coarse sand w/tr clay water bearing			Jar 2
9.5	14.0		Brown gray fine sand			Jar 3
14.0	16.0		Gray clayey sand, fine, picked up w/chip auger			Jar 4
16.5	20.0		Gray medium sand, unable to pickup sample w/chip auger Hole was caving in			No sample
			BOTTOMED			
			Water - 5.8 Hole caved in at 12.5 unable to go to the required depth w/out the use of casing			

SWG Form 267(C)
28 Jan 1965

PROJECT: Neches River

LOCATION: Channel to Evadale

TEST DATA SUMMARY

BORING NO. 3st-3

DATE DRILLED 28 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 - 4	Brown sandy clay 0-4	CL				25.1				10.0	0	38	62	50	0	0	0	19
	4 - 5½	D.C. Brown sandy clay																	
J-2	5½ - 9½	Brown silty sand 5.5-16.5	SM			(15)	21.2				0.0	0	82	18	50	0	0	1	41
J-3	9½ - 14						27.3				0.0	0	88	12	50	0	0	0	44
J-4	14 - 16½						26.7				0.0	0	66	34	50	0	0	0	33
	16½ - 20	D.C. Gray sand																	
		water 5.8																	

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. 3st-3