

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) HA-27				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED 4 Jars	
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 25 Feb	
7. THICKNESS OF OVERBURDEN				17. ELEVATION TOP OF HOLE		COMPLETED 25 Feb 1966	
8. DEPTH DRILLED INTO ROCK				18. TOTAL CORE RECOVERY FOR BORING %			
9. TOTAL DEPTH OF HOLE 11.5				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	2.5		Gray brown clay w/roots, w/small tr sand, stiff			Jar 1	
2.5	3.5		Brown clay w/org. mat. rust, roots, stiff			Jar 2	
3.5	5.5		Gray clay w/tr of sand w/org. mat. stiff			Jar 3	
5.5	11.5		Gray fine sand, w/org. mat. BOTTOMED On river bank #4.0 Water #7/5 Water depth in hole - 1.3			Jar 4	

SWG Form 267(c)
28 Jan 1965

PROJECT: Neches River

LOCATION: Channel to Evadale

TEST DATA SUMMARY

BORING NO. HA-27

DATE DRILLED 25 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
J-1	0-2'	Gravel, Brown clay	0-5.5	CL			29.7				10.5	0	6	94	50	0	0	0	3
J-2	2'-3'	Sandy	3.5-5.5				36.6	(53)											
J-3	3'-5'						31.0				6.0	0	24	76	50	0	0	0	12
J-4	5'-11'	Gray silty sand	5.5-11.5	SM			31.1				0.0	0	74	22	50	0	0	0	3.9
		Height of Bank	4.0																
		Water depth in river	7.5'																
		Water depth in hole	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

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

BORING NO. HA-27