

DRILLING LOG		DIVISION Southwestern		INSTALLATION Galv Dist, Eng Div		SHEET OF SHEETS	
1. PROJECT Neches River				10. SIZE AND TYPE OF BIT			
2. LOCATION (Coordinates or Station) Channel to Evadale				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 6				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED UNDISTURBED 5 Jars	
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 15 Feb COMPLETED 15 Feb 1966	
8. DEPTH DRILLED INTO ROCK				17. ELEVATION TOP OF HOLE			
9. TOTAL DEPTH OF HOLE 20.0				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	3.0		Brown fine sand w/clay binder			Jar 1	
3.0	4.5		Same as above			No sample	
4.5	5.5		Brown sandy clay v/soft			Jar 2	
5.5	9.0		Brown fine sand w/clay binder			Jar 3	
9.0	13.0		Same as above			Jar 4	
13.0	20.0		Gray coarse sand, unable to pickup sample had to use chip auger, to get to right depth			Jar 5	
			BOTTOMED				

28 Jan 1965

PROJECT: Neches River

LOCATION: Channel to Evadale

TEST DATA SUMMARY

BORING NO. HA-6

DATE DRILLED 15 Feb 1946

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 - 3	Brown sandy clayey silt	0-4.5	ML			33.9				3.0	0	40	60	50	0	0	0	20
J-2	4.5 - 5.5	Brown sandy clay	4.5-5.5	CL			30.1				100	0	20	80	50	0	0	0	10
J-3	5.5 - 9	Brown clayey silty sand	5.5-9	SM			28.1				3.0	0	52	48	50	0	0	0	26
J-4	9 - 13	Brown silty sand	9-13	SM			25.5				6.0	0	84	16	50	0	0	0	42
J-5	13 - 20	Gray sand	13-20	SP			19.1				0.0	0	96	4	50	0	0	22	48

KEY:	CONSISTENCY -- COHESIVE SOILS						CONSISTENCY -- COHESIONLESS 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) $\text{Acc. Wt. Rtd} \div \text{Init. Wt.} \times 100 = \% \text{ Rtd.}$

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