Hole No. 6ST-12

DRILLING LOG	DIVISION Southwestern	INSTALLATION Galv Dist, Eng Div	SHEET OF SHEETS

1. PROJECT Brazos River Comprehensive Report	10. SIZE AND TYPE OF BIT
2. LOCATION (Coordinates or Station) Angleton to Lake Jackson	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) 6ST-12	13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN: DISTURBED 5 Jars; UNDISTURBED 10 Cont
5. NAME OF DRILLER Smith	14. TOTAL NUMBER CORE BOXES
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED ____ DEG. FROM VERT.	15. ELEVATION GROUND WATER
	16. DATE HOLE: STARTED 23 Nov; COMPLETED 23 Nov 65
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 40.0	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	2.0		Gray clay, hard			Cont. 1	4.50
2.0	4.0		Gray clay, v/stiff			Cont. 2	3.75
4.0	6.0		Gray clay silt w/cal nod stiff			Cont. 3	1.50
6.0	8.0		Gray clay sand w/cal nod hard			Cont. 4	4.50+
8.0	10.0		Brown clay w/cal nod, v/stiff			Cont. 5	3.75
10.0	12.0		Same as above, 10.0-11.5 Brown silt 11.5-12.0 stiff	T-R		Cont. 6	1.25
12.0	14.0		Brown silt w/clay binder 12.0-12.5 Seat pent 12.5-13.0 4 blows 13.0-13.5 4 blows 13.5-14.0 Retain sample			Jar 1	
14.0	16.0		Brown silt v/stiff			Cont. 7	3.50
16.0	18.0		Brown silt w/clay binder stiff	D.S		Cont. 8	1.25
18.0	20.0		Brown clay w/silt layers hard			Cont. 9	4.00
20.0	22.0		Brown-gray clay w/silt layers, hard			Cont. 10	4.50+
22.0	23.0		Washed, same as above				
23.0	25.0		Brown fine sand 23.0-23.5 Seat pent 23.5-24.0 19 blows 24.0-24.5 21 blows 24.5-25.0 Retain sample			Jar 2	
25.0	28.0		Washed, same as above				
28.0	30.0		Brown fine sand w/clays seams 28.0-28.5 Seat pent 28.5-29.0 9 blows 29.0-29.5 13 blows 29.5-30.0 Retain sample			Jar 3	
30.0	33.0		Washed, same as above				
33.0	35.0		Brown fine sand 33.0-33.5 Seat pent 33.5-34.0 6 blows 34.0-34.5 7 blows 34.5-35.0 Retain sample			Jar 4	
35.0	38.0		Washed, same as above				
38.0	40.0		Brown sand, fine 38.0-38.5 Seat pent 38.5-39.0 7 blows 39.5-40.0 Retain sample			Jar 5 39.0-39.5 9 blows	

check for gradation

water @ 15.0'

ENG FORM 1836 1 APR 63 PREVIOUS EDITIONS MAY BE USED (EM 1110-1-1801)

PROJECT Brazos R. Comp. Rpt. Angleton to Lake Jackson | HOLE NO. 6ST-12

SWG Form 267(C)
28 Jan 1965

PROJECT: Brazos River Comprehensive Report

LOCATION: Angleton to Lake Jackson

TEST DATA SUMMARY

BORING NO. 6ST-12

DATE DRILLED 23 NOV 1965

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
C-1	0 - 2	Gray Clay, w/cal Nod 0-2	CH	H	4.0		33.1	89											
C-2	2 - 4	✡		VST	3.75														
C-3	4 - 6	✡		ST	1.5														
C-4	6 - 8	✡		H	4.5														
C-5	8 - 10	Brown Clay, w/cal Nod 8-10	CH	ST	2.0		25.0	99											
C-6	10 - 12	✡		ST	1.25														
J-1	12 - 14	✡																	
C-7	14 - 16	Brown Clay 14-16	CL		1.5		26.5	99											
C-8	16 - 18	✡			1.25														
C-9	18 - 20	Brown Clay, 18-20	CH	VST	2.25		26.9	97	61		22.0	0	0	100	50	0	0	0	0
C-10	20 - 22	✡		H	4.5														
X	22 - 23																		
J-2	23 - 25	✡		VD		40													
X	25 - 28																		
J-3	28 - 30	✡		D		22													
X	30 - 33																		
J-4	33 - 35	✡		M		13													
X	35 - 38																		
J-5	38 - 40	✡		M		16													
		Water @ 15.0'																	
		✡ sent to SWD Lab																	

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. 6ST-12