Hole No. 3ST-3C

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

1. PROJECT Brays Bayou	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-3C	13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN — DISTURBED: 1 Jar; UNDISTURBED: 11 Cont
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: 21 Apr; COMPLETED: 21 Apr 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 30.0	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	2.5		Brown gray clayey sand w/grass roots, stiff	SC		Cont. 1	1.00
2.5	5.0		Tan gray sand w/tr clay			Cont. 2	
5.0	7.5		Light brown sandy clay, stiff			Cont. 3	1.25
7.5	10.0		Same as above, stiff			Cont. 4	1.25
10.0	12.0		Gray fine sand 10.0-10.5 Seat pent 10.5-11.0 4 blows 11.0-11.5 3 blows 11.5-12.0 Hold sample	CV		No sample	
12.0	13.0		Gray sandy clay, washed			No sample	
13.0	15.0		Gray sandy clay 13.0-13.5 Seat pent 13.5-14.0 2 blows 14.0-14.5 3 blows 14.5-15.0 Hold sample			Jar 1	
15.0	17.5		Gray sandy clay, med			Cont. 5	0.50
17.5	20.0		Same as above, w/org. mat. soft	CL		Cont. 6	0.25
20.0	22.0		Brown sandy clay w/cal nod v/hard			Cont. 7	4.50+
22.0	24.0		Brown silty clay w/cal nod v/hard	CV		Cont. 8	4.50+
24.0	26.0		Same as above, v/stiff			Cont. 9	3.75
26.0	28.0		Red beaumont clay w/cal nod v/hard			Cont. 10	4.50+
28.0	30.0		Red silty clay, v/stiff			Cont. 11	3.25
			BOTTOMED				
			Water table -5.6				

Hole No. 3ST-3C

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

1. PROJECT Brays Bayou	10. SIZE AND TYPE OF BIT
2. LOCATION (Coordinates or Station) Houston, Texas	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-3C	13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN: DISTURBED / UNDISTURBED
5. NAME OF DRILLER Curtis	14. TOTAL NUMBER CORE BOXES
	15. ELEVATION GROUND WATER
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED ____ DEG. FROM VERT.	16. DATE HOLE: STARTED 16 May 66 / COMPLETED 16 May 66
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 15.0	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		Fine gray sand v/loose, Wt of 1 rod & tube, no rest			Jar 1
2.0	4.0		Fine gray sand, washed away			No sample
4.0	6.0		Fine gray sand w/org & tr clay 4.0 to 4.5 - seat pent 4.5 to 5.0 - 4 blows 5.0 to 5.5 - 2 blows 5.5 to 6.0 - hold sample			Jar 2
6.0	8.0		Same as above, washed away			No sample
8.0	10.0		V/soft gray sa, cl no recovery w/S.T. Picked up with drive tube, no blows			Jar 3
10.0	11.0		Same as above, washed away			No sample
11.0	13.0		11.0 to 11.5 seat pent No sample, same as above 11.5 to 12.0 Rev si CL, 6 Bl, 12.0 to 12.5 - 7 blows 12.5 to 13.0 hold sample			Jar 4
13.0	15.0		Red silty clay (CL), v/stiff			Cont. 1 2.0
			Bottom Water table @3.3			

SWG Form 267(C)
28 Jan 1965

PROJECT: Brays Bayou

LOCATION: Houston, Texas

TEST DATA SUMMARY

BORING NO. 3st-3cw

DATE DRILLED 6 May 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
C-1	0 - 2	Gray sandy clayey silt 0-2	CL-ML	M	0.5		35.2	85			4.0	0	24	76	50	0	0	0	12
C-2	2 - 4	Gray silty sand 2-4	SM	S	0.25		24.1	102			2.0	0	52	48	50	0	0	0	26
C-3	4 - 6	Gray sandy clayey silt 4-10	CL-ML	VS	0.0		29.3	93			4.0	0	26	74	50	0	0	0	13
C-4	6 - 8			S	0.25		25.0	93			3.5	0	44	56	50	0	0	0	22
C-5	8 - 9			S	0.25		26.1	98			4.0	0	32	68	50	0	0	0	16
J-1	9 - 10						21.2												
C-6	10 - 11	Gray clay 10-11	CL	H	4.5		16.5	118			10.0	0	6	94	50	0	0	2	3
J-2	11 - 13	Siltstone ledge No Test																	
X	13 - 14	D.C Red Silt																	
C-7	14 - 15	Brown clayey silt 14-15	CL-ML	ST	1.5		25.6	100			4.0	0	2	98	50	0	0	0	1
C-8	15 - 16	Brown clay 15-19	CH	VST	3.0		25.0	103			20.0	0	2	98	50	0	1	1	1
C-9	16 - 18	Cal Nod 16-18		H	4.25		24.5	103											
C-10	18 - 19			H	4.5		19.4	107											
C-11	19 - 20	Brown clay w/cal Nod 19-20	CL	VST	2.25		19.3	109			6.0	10	10	80	50	5	8	9	10
X	20 - 22	DC Red silty clay																	
C-12	22 - 24	Brown clay 22-30	CH	H	4.25		23.3	105											
C-13	24 - 26			VST	3.25		27.8	99			21.0	0	0	100	50	0	0	0	0
C-14	26 - 28			H	4.5		22.3	103											
C-15	28 - 30			H	4.5		21.6	106											
		Water + 6.7																	

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-3cw

Hole No. 3ST-3C W

DRILLING LOG

DIVISION	Southwestern
INSTALLATION	Galv Dist, Eng Div
SHEET	OF SHEETS
1. PROJECT	Brays Bayou
2. LOCATION (Coordinates or Station)	
3. DRILLING AGENCY	U. S. Army Corps of Engineers
4. HOLE NO. (As shown on drawing title and file number)	3ST-3C
5. NAME OF DRILLER	Curtis
6. DIRECTION OF HOLE	☐ VERTICAL ☐ INCLINED ____ DEG. FROM VERT.
7. THICKNESS OF OVERBURDEN	
8. DEPTH DRILLED INTO ROCK	
9. TOTAL DEPTH OF HOLE	30.0
10. SIZE AND TYPE OF BIT	
11. DATUM FOR ELEVATION SHOWN (TBM or MSL)	
12. MANUFACTURER'S DESIGNATION OF DRILL	
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN	DISTURBED: 2 Jars; UNDISTURBED: 15 Cont
14. TOTAL NUMBER CORE BOXES	
15. ELEVATION GROUND WATER	
16. DATE HOLE	STARTED: 6 May; COMPLETED: 6 May 1966
17. ELEVATION TOP OF HOLE	
18. TOTAL CORE RECOVERY FOR BORING	%
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 sandy clay w/org. mat med			Cont. 1	0.50
2.0	4.0		Gray sandy clay, medium			Cont. 2	0.50
4.0	6.0		Gray sandy clay w/org. mat. soft			Cont. 3	0.25
6.0	8.0		Same as above, soft			Cont. 4	0.25
8.0	9.0		Same as above, soft			Cont. 5	0.25
9.0	10.0		Red sandy clay w/cal nod v/stiff			Jar 1	3.25
10.0	11.0		Brown silty clay w/siltstone v/hard			Cont. 6	4.50+
11.0	13.0		Red clay silt w/large layers of siltstone, fishtailed			Jar 2	
13.0	14.0		Red silt w/clay binder			No sample	
14.0	15.5		Red silty clay, stiff			Cont. 7	2.0
15.5	16.0		Red clay, v/hard			Cont. 8	4.50+
16.0	18.0		Red clay, v/stiff			Cont. 9	3.75
18.0	19.0		Red silty clay, hard			Cont. 10	4.00
19.0	20.0		Red clay silt w/siltstone layers, v/stiff			Cont. 11	2.00
20.0	22.0		Red silty clay w/siltstone washed away			No sample	
22.0	24.0		Red clay, hard			Cont. 12	4.25
24.0	26.0		Same as above, v/hard			Cont. 13	4.50
26.0	28.0		Red clay, v/stiff			Cont. 14	3.75
28.0	30.0		Same as above, v/stiff			Cont. 15	2.75
			BOTTOMED				
			Water +6.7				
			NOTE: 3ST-3C is a re-drill hole located in water. original hole on land 30' from location				