Hole No. 3ST-310

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

1. PROJECT Sabine Neches Waterway	10. SIZE AND TYPE OF BIT
2. LOCATION (Coordinates or Station)	11. DATUM FOR ELEVATION SHOWN (TBM or MSL)
3. DRILLING AGENCY Dept of the Army, GD, Corps of Engineers	12. MANUFACTURER'S DESIGNATION OF DRILL
4. HOLE NO. (As shown on drawing title and file number) 3ST-310	13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN — DISTURBED 1 Jar — UNDISTURBED 28 Cont
5. NAME OF DRILLER Black	14. TOTAL NUMBER CORE BOXES
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED ____ DEG. FROM VERT.	15. ELEVATION GROUND WATER
	16. DATE HOLE — STARTED 12 May — COMPLETED 12 May 1967
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 60.0	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		Brown sandy clay, org. v/stiff			Cont. 1 3.00
2.0	4.0		Same as above, stiff			Cont. 2 1.50
4.0	6.0		Brown sandy clay, v/stiff			Cont. 3 2.00
6.0	8.0		6.0-7.8 Same as above 7.8-8.0 Brown sand, soft			Cont. 4 0.50
8.0	10.0		Gray clayey sand, disturbed unsable to recover on 1st push, v/soft			Cont. 5 0.0
10.0	12.0		Gray clay, stiff			Cont. 6 1.00
12.0	14.0		Brown and gray clay, medium			Cont. 7 0.75
14.0	16.0		Brown and gray clay, org. stiff,			Cont. 8 0.75-3.00
16.0	18.0		Brown clay w/silty sand layer, tr org. v/stiff			Cont. 9 2.00
18.0	20.0		Brown clay w/sandy clay at 20.0, v/stiff			Cont. 10 2.50
20.0	22.0		Brown sandy clay, v/stiff			Cont. 11 2.75
22.0	24.0		Brown sandy clay, tr cal nods stiff			Cont. 12 1.50
24.0	26.0		Brown silty sand w/clay layers, stiff			Cont. 13 1.50
26.0	28.0		Brown sand, w/tr of clay layers 26.0-26.5 No count 26.5-27.0 10 blows 27.0-27.5 11 blows 27.5-28.0 No count			Jar 1
28.0	30.0		Same as above, washed			No sample
30.0	32.0		Brown clay w/silt layers v/stiff			Cont. 14 2.50
32.0	34.0		Brown clay, w/silt layers stiff			Cont. 15 1.50
34.0	36.0		Same as above, stiff			Cont. 16 1.50
36.0	38.0		Same as above, stiff			Cont. 17 1.50
38.0	40.0		Brown clay w/silt and sand layers, stiff			Cont. 18 1.75
			continued			

DRILLING LOG

DIVISION	
INSTALLATION	
SHEET	OF SHEETS
1. PROJECT	Sabine Neches Waterway
2. LOCATION *(Coordinates or Station)*	
3. DRILLING AGENCY	
4. HOLE NO. *(As shown on drawing title and file number)*	
5. NAME OF DRILLER	
6. DIRECTION OF HOLE	☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.
7. THICKNESS OF OVERBURDEN	
8. DEPTH DRILLED INTO ROCK	
9. TOTAL DEPTH OF HOLE	
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 / UNDISTURBED
14. TOTAL NUMBER CORE BOXES	
15. ELEVATION GROUND WATER	
16. DATE HOLE	STARTED / COMPLETED
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	
40.0	42.0		Gray clay w/sandy silt layers stiff			Cont. 19	1.25
42.0	44.0		Same as above, stiff			Cont. 20	1.25
44.0	46.0		Gray clay w/few silt layers sitff			Cont. 21	1.00
46.0	48.0		Gray clay, stiff			Cont. 22	1.25
48.0	50.0		Gray clay, stiff			Cont. 23	1.25
50.0	52.0		Gray clay, tr silt seam stiff			Cont. 24	1.25
52.0	54.0		Same as above, stiff			Cont. 25	1.50
54.0	56.0		Same as above, stiff			Cont. 26	1.50
56.0	58.0		Same as above, stiff			Cont. 27	1.50
58.0	60.0		Gray clay, stiff			Cont. 28	1.50
			BOTTOMED				

DWG FORM 20(C)
28 Jan 1965

PROJECT: Sabine Neches Waterway

BORING NO. 3ST-310

TEST DATA SUMMARY

LOCATION:

DATE DRILLED 17 May 1967

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	Brown sandy clay	CH	VST	3.5		20	[illegible]											
C-2	2-4	0-8		ST	1.0		27	91											
C-3	4-6	3" sand layer @ 7.8'		ST	1.0		24	99	68		13.0	0	16	84	50	0	0	3	8
C-4	6-8			M	0.75		36	85											
C-5	8-10	Gray sandy clayey silt 8-10	CML	S	0.25		27	[illegible]			3.0	0	16	84	50	0	0	0	8
C-6	10-12	Gray, Brown 10-20	CH	ST	1.25		28	94											
C-7	12-14			ST	1.0		32	90											
C-8	14-16			ST	1.25		28	[illegible]			20.0	0	6	94	50	0	0	0	3
C-9	16-18			ST	1.5		37	88											
C-10	18-20			VST	2.5		24	102											
C-11	20-22	Brown sandy clay	CL	VST	3.0		18	111											
C-12	22-24	20-24		VST	2.5		20	102	36		10.0	0	34	66	50	0	3	6	17
C-13	24-26	Brown sandy silt 24-	ML	S	0.25		24	[illegible]			1.0	0	46	54	50	0	0	0	13
T-1	26-28	30				21	26	—											
X	28-30							—											
C-14	30-32	Brown, Gray clay 30-	CH	ST	1.25		37	87			22.0	0	0	100	50	0	0	0	0
C-15	32-34	60		VST	2.5		29	92											
C-16	34-36	sand & silt layers 30-		ST	1.25		31	91											
C-17	36-38	46		ST	1.75		33	90											
C-18	38-40			ST	1.75		32	[illegible]			24.0	0	0	100	50	0	0	0	0
C-19	40-42			M	0.75		34	[illegible]											
C-20	42-44			ST	1.0		44	[illegible]											
C-21	44-46			M	0.75		38	[illegible]											
C-22	46-48			ST	1.0		40	[illegible]											
C-23	48-50			ST	1.0		44	[illegible]			19.0	0	0	100	50	0	0	0	0
C-24	50-52	Bottom at 60'		ST	1.0		44	[illegible]											
C-25	52-54			ST	1.25		51	[illegible]											
C-26	54-56			ST	1.25		50	[illegible]											
C-27	56-58			ST	1.0		52	[illegible]											
C-28	58-60			ST	1.25		41	[illegible]			22.0	0	6	94	50	0	0	0	3

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-310