Hole No. 3ST-314

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

1. PROJECT Sabine Neches Waterway	10. SIZE AND TYPE OF BIT
2. LOCATION (Coordinates or Station) New Turning ~~Point~~ Basin	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-314	13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN — DISTURBED 2 Jars — UNDISTURBED 27 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 26 Apr — COMPLETED 26 Apr 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 57.0	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	0.7		Gray sandy clay w/shell gravel, fill, loose			Jar 1	
0.7	2.0		Brown clay w/silt and sand layers, fill, stiff			Cont. 1	1.00
2.0	4.0		Brown clay w/sand layers Tr shell, fill, stiff			Cont. 2	1.50
4.0	6.0		Gray clay w/sand seams, stiff			Cont. 3	1.50
6.0	8.0		Gray sandy clay, soft			Cont. 4	0.25
8.0	10.0		8.0-9.0 Same as above 9.0-10.0 Brown and gray clay, stiff			Cont. 5	1.00
10.0	12.0		Same as above, stiff			Cont. 6	1.50
12.0	14.0		Gray and brown clay w/cal nods, stiff			Cont. 7	1.50
14.0	16.0		Same as above, w/tr org. mat. v/stiff			Cont. 8	2.75
16.0	18.0		Same as above, v/stiff			Cont. 9	3.00
18.0	20.0		Brown sandy clay w/cal nods stiff			Cont. 10	1.75
20.0	22.0		Brown sandy clay, stiff			Cont. 11	1.50
22.0	24.0		22.0-22.2 Same as above 22.2-24.0 Brown sand, v/stiff			Cont. 12	2.00
24.0	25.0		Brown sand w/few layers of clay, stiff			Cont. 13	1.00
25.0	27.0		Brown sand w/few layers of clay 25.0-25.5 No count 25.5-26.0 7 blows 26.0-26.5 13 blows 26.5-27.0 No count			Jar 2	
27.0	29.0		Same as above, washed				
29.0	30.0		Gray clay w/silt layers,stiff			Cont. 14	1.50
30.0	31.0		Brown clay w/silt layers			Cont. 14	
31.0	33.0		Brown clay w/silt and sand layers, stiff			Cont. 15	1.00
33.0	35.0		Same as above, stiff			Cont. 16	1.75
35.0	37.0		Gray clay, w/silt layers few shell frag, stiff			Cont. 17	1.50
37.0	39.0		Same as above, no shell,stiff			Cont. 18	2.00

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	
39.0	41.0		Same as above, stiff			Cont. 19	1.25
41.0	43.0		Same as above, stiff			Cont. 20	1.50
43.0	45.0		Gray clay, w/silt layers stiff			Cont. 21	1.50
45.0	47.0		Gray clay w/trace of silt layers, stiff			Cont. 22	1.50
47.0	49.0		Same as above, stiff			Cont. 23	1.50
49.0	51.0		Gray clay w/pockets of hard material, stiff			Cont. 24	1.25
51.0	53.0		Gray clay w/layers of hard dry clay, dark gray,stiff			Cont. 25	1.50
53.0	55.0		Same as above, stiff			Cont. 26	1.50
55.0	57.0		Same as above, stiff			Cont. 27	1.50
			BOTTOMED				
			Water -9.0				

SWG Form 267(C)
28 Jan 1965

PROJECT: Sabine Neches Waterway

BORING NO. 35T-314

TEST DATA SUMMARY

LOCATION:

DATE DRILLED

BOTTOM AT 57

WATER AT 9.0'

CLASSIFICATION

ELEVATION TOP BORING

FIELD NO.	DEPTH	CLASSIFICATION	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
J-1	0'-0'	Gray silty sandy gravel w/shell	SM				4	—				46	36	19	932	428	563	677	745
C-1	0'-2'	Brown CLAY w/silt	CH	VST	2.0		30	88											
C-2	2-4	& sand layers 0.7-6		ST	1.0		35	91											
C-3	4-6			M	0.75		34	85			22.0	0	0	100	50	0	0	0	0
C-4	6-8	Gray sandy silt 6-8	ML	M	0.5		25	97			2.0	0	40	60	50	0	0	0	20
C-5	8-10	Brown gray clay 8-18	CH	M	0.5		37	85											
C-6	10-12			ST	1.25		27	97											
C-7	12-14			ST	1.75		23	102			25.0	0	2	98	50	0	0	0	4
C-8	14-16			ST	1.75		30	91											
C-9	16-18			VST	2.0		30	99											
C-10	18-20	Brown clay 18-22	CL	VST	2.5		23	100	39		10.0	0	4	96	50	0	0	0	2
C-11	20-22	Gray silt 18-20		VST	3.25		21	104											
C-12	22-24	Brown sandy silt	ML	ST	1.0		19	109			6.0	0	40	60	50	0	0	0	30
C-13	24-25	22-29		M	0.75		25	99											
J-2	25-27						25	—				0	40	60	50	0	0	0	20
X	27-29							—											
C-14	29-31	Gray clay 29-57	CH				31	89			24.0	0	2	98	50	0	0	0	1
C-15	31-33			ST	1.25		36	85											
C-16	33-35	Silt & sand 29-57		ST	1.25		33	88											
C-17	35-37			ST	1.25		38	87											
C-18	37-39			ST	1.5		35	87											
C-19	39-41			ST	1.5		36	86			22.0	0	0	100	50	0	0	0	0
C-20	41-43			ST	1.25		40	82											
C-21	43-45			ST	1.25		37	83											
C-22	45-47			ST	1.0		42	78											
C-23	47-49			ST	1.5		44	76			24.0	0	0	100	50	0	0	0	0
C-24	49-51			ST	1.25		49	74											
C-25	51-53			ST	1.25		49	73											
C-26	53-55			ST	1.25		52	70											
C-27	55-57			ST	1.25		54	70			26.0	0	0	100	50	0	0	0	0

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. 35T-314