Hole No. 3ST-313

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) Pleasure Island	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-313	13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN — DISTURBED: 2 Jars; UNDISTURBED: 26 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: 3 May; COMPLETED: 3 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 56.0	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, fill, org, Stiff			Cont. 1	1.00
2.0	4.0		Same as above, stiff			Cont. 2	1.00
4.0	6.0		Same as above, stiff			Cont. 3	1.50
6.0	8.0		Gray and brown sandy clay stiff			Cont. 4	1.50
8.0	10.0		8.0-9.0 Gray sand 9.0-10.0 Gray clay 8.0-8.5 No count 8.5-9.0 2 blows 9.0-9.5 3 blows 9.5-10.0 No count			Jar 1	
10.0	12.0		Gray and brown clay, med			Cont. 5	0.50
12.0	14.0		Brown clay w/column of soft gray clay, stiff			Cont. 6	1.00
14.0	16.0		Gray and brown clay, stiff			Cont. 7	1.50
16.0	18.0		Brown clay w/cal nods, stiff			Cont. 8	1.75
18.0	20.0		Brown sandy clay, v/stiff			Cont. 9	2.25
20.0	22.0		Brown sandy clay w/cal nods v/stiff			Cont. 10	3.25
22.0	24.0		Same as above, stiff			Cont. 11	1.50
24.0	26.0		Brown silty sand 24.0-24.5 No count 24.5-25.0 20 blows 25.0-25.5 19 blows 25.5-26.0 No count			Jar 2	
26.0	28.0		Same as above, washed			No sample	
28.0	29.5		Brown silty clay, stiff			Cont. 12	1.00
29.5	30.0		Brown clay w/silt layers v/stiff			Cont. 13	2.00
30.0	32.0		Gray clay w/silt layers stiff			Cont. 14	1.50
32.0	34.0		Same as above, 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		Same as above, stiff			Cont. 18	1.75
40.0	42.0		Same as above, w/tr shell frag,stiff			Cont. 19	1.75

continued

Hole No. 3ST-313(Cont'd)

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
42.0	44.0		Same as above, stiff			Cont. 20 1.75
44.0	46.0		Gray clay w/few silt layers stiff			Cont. 21 1.75
46.0	48.0		Same as above, stiff			Cont. 22 1.50
48.0	50.0		Gray clay, tr silt seams stiff			Cont. 23 1.50
50.0	52.0		Gray clay, stiff			Cont. 24 1.50
52.0	54.0		Gray clay, stiff			Cont. 25 1.25
54.0	56.0		Gray clay w/pockets of nod stiff			Cont. 26 1.50
			BOTTOMED			

SWG Form 267(C)
28 Jan 1965

PROJECT: Sabine Neches Waterway

LOCATION: _____

TEST DATA SUMMARY

BORING NO. 3ST-313

DATE DRILLED 3/12-21/1967

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 Clay 0-6	CH	ST	1.25		27	94											
C-2	2-4			ST	1.0		32	91											
C-3	4-6			M	0.75		36	86			20.0	0	2	98	50	0	0	0	1
C-4	6-8	Brown silty sand 6-9	SM	S	0.25		26	98			1.0	0	58	42	50	0	0	0	29
T-1	8-9					5		—											
C-5	9-12	Brown, Gray 9-20	CH	M	0.5		31	92											
C-6	12-14			M	0.75		29	95											
C-7	14-16			ST	1.5		26	98			27.0	0	6	94	50	0	0	0	3
C-8	16-18			VST	2.25		27	100											
C-9	18-20				3.0		22	108											
C-10	20-22	Brown sandy clay 20-24	CL		3.25		19	111	44		15.0	0	30	70	50	0	0	0	15
C-11	22-24	Cal wod 20-22			1.75		18	111											
T-2	24-26	Brown silty sand 24-	ML	VD		39	20	—				0	70	30	50	0	0	1	35
X	26-28	28						—											
C-12	28-29.5	Brown Clay 28-29.5	CL	ST	1.0		30	92			6.0	0	2	98	50	0	0	0	1
C-13	29.5-30	Brown Clay 29.5-56	CH	ST	1.5		27	91											
C-14	30-32			VST	2.0		34	90											
C-15	32-34	Silt layers 29.5-32 &		ST	1.5		35	87			18.0	0	4	96	50	0	0	0	2
C-16	34-36	44-46		VST	2.5		33	86											
C-17	36-38			ST	1.5		34	87											
C-18	38-40			ST	1.5		38	84											
C-19	40-42			ST	1.75		47	78											
C-20	42-44			ST	1.25		38	93			22.0	0	0	100	50	0	0	0	0
C-21	44-46			ST	1.25		43	78											
C-22	46-48			ST	1.25		46	77											
C-23	48-50			ST	1.25		42	77											
C-24	50-52			ST	1.25		46	71											
C-25	52-54			ST	1.25		53	70			24.0	0	0	100	50	0	0	0	0
C-26	54-56			ST	1.25		55	73											

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) Acc. Wt. Rtnd ÷ Init. Wt. x 100 = % Rtnd.

BORING NO. 3ST-313