

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 Isle				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-318				13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN		DISTURBED 1 Jar	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			
7. THICKNESS OF OVERBURDEN				16. DATE HOLE		STARTED 2 May	COMPLETED 2 May 1967
8. DEPTH DRILLED INTO ROCK				17. ELEVATION TOP OF HOLE			
9. TOTAL DEPTH OF HOLE 56.0				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 and brown clay nods, org. v/stiff			Cont. 1	2.50
2.0	4.0		Brown clay w/sand layers, stiff			Cont. 2	1.00
4.0	6.0		Brown silty sandy clay, soft			Cont. 3	0.25
6.0	8.0		Brown silty sand, tr clay soft			Cont. 4	0.25
8.0	10.0		Gray clay 8.0-9.0 Gray sand, org, tr clay, soft 9.0-10.0			Cont. 5	0.25
10.0	12.0		Gray sandy clay, med			Cont. 6	0.50
12.0	14.0		Gray clay, cal nods, org, stiff			Cont. 7	1.75
14.0	16.0		Gray and brown clay, tr cal and org, v/stiff			Cont. 8	2.00
16.0	18.0		Gray and brown clay, v/stiff			Cont. 9	2.00
18.0	20.0		Brown and gray sandy clay, stiff			Cont. 10	1.75
20.0	22.0		Same as above, v/stiff			Cont. 11	2.00
22.0	24.0		Brown sandy clay, v/stiff			Cont. 12	2.50
24.0	26.0		Brown sand w/clay layers v/stiff			Cont. 13	2.50
26.0	28.0		Brown silty sand w/tr clay layers, soft			Cont. 14	0.25
28.0	30.0		Brown silty sand w/layers of clay 28.0-28.5 No count 28.5-29.0 6 blows 29.0-29.5 8 blows 29.5-30.0 No count			Jar 1	
30.0	32.0		Brown clay w/silt and sand layers, stiff			Cont. 15	1.50
32.0	34.0		Same as above, stiff			Cont. 16	1.50
34.0	36.0		Same as above, stiff			Cont. 17	1.50
36.0	38.0		Same as above, stiff			Cont. 18	1.50
38.0	40.0		Gray clay w/silt seams, stiff			Cont. 19	1.50
40.0	42.0		Same as above, stiff			Cont. 20	1.50
42.0	44.0		Same as above, stiff continued			Cont. 21	1.00

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5. NAME OF DRILLER			14. TOTAL NUMBER CORE BOXES			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.			15. ELEVATION GROUND WATER			
7. THICKNESS OF OVERBURDEN			16. DATE HOLE STARTED COMPLETED			
8. DEPTH DRILLED INTO ROCK			17. ELEVATION TOP OF HOLE			
9. TOTAL DEPTH 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
44.0-	46.0		Gray clay w/few silt seams stiff			Cont. 22 1.50
46.0	48.0		Same as above, stiff			Cont. 23 1.50
48.0	50.0		Same as above, stiff			Cont. 24 1.50
50.0	52.0		Same as above, stiff			Cont. 25 1.50
52.0	54.0		Gray clay w/tr silt seam stiff			Cont. 26 1.50
54.0	56.0		Gray clay w/pocket of nods stiff			Cont. 27 1.00
			BOTTOMED			

28 Jan 1965

PROJECT: Sabine Naches Waterway

LOCATION: _____

TEST DATA SUMMARY

BORING NO. 3ST-318DATE DRILLED 2 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			INIT. WT.	ACC. WT. RTND. SIEVE NO. (3)				
												GRVL	SAND	FINES		NO. 4	NO. 10	NO. 40	NO. 200	
C-1	0-2	Gray, Brown clay 0-6	CH	ST	1.25		23	104												
C-2	2-4			ST	1.75		30	94			25.0	0	6	94	50	0	0	1	3	
C-3	4-6			S	0.25		31	87												
C-4	6-8	Brown sandy silt 6-8	ML	S	0.25		25	96			1.0	0	26	74	50	0	0	0	13	
C-5	8-10	Gray clay 8-10	CH	S	0.25		39				22.0	0	2	98	50	0	0	0	1	
C-6	10-12	Gray silt/sand 10-12	SM	M	0.5		23	100			0.0	0	65	32	50	0	0	0	34	
C-7	12-14	Gray clay 12-22	CH	ST	1.25		23	102			24.0	0	8	92	50	0	0	0	4	
C-8	14-16			VST	2.5		21	106												
C-9	16-18	Cal Nods 12-16		ST	1.5		29	94												
C-10	18-20			VST	2.5		22	106												
C-11	20-22			ST	1.25		20	107												
C-12	22-24	Brown sandy clay 22-24	CL	VST	2.0		20	107	31		10.0	0	24	66	50	0	0	0	11	
C-13	24-26	Brown silty sand 24-	SM	ST	1.0		24	100			1.0	0	34	32	50	0	0	0	32	
C-14	26-28	28		S	0.25		24	90			2.0	0	80	20	50	0	0	0	4	
J-1	28-30	Brown sandy clay 28-30	CL			14	25				10.0	0	22	52	50	0	0	0	11	
C-15	30-32	Brown Gray clay 30-56	CH	ST	1.25		31	90												
C-16	32-34			ST	1.75		32	90												
C-17	34-36	Sand layers 30-32		ST	1.5		31	88			20.0	0	2	98	50	0	0	0	1	
C-18	36-38			VST	2.0		31	92												
C-19	38-40	Silt layers 32-54		ST	1.25		32	90												
C-20	40-42			ST	1.0		34	85												
C-21	42-44			ST	1.25		49	78			19.0	0	0	100	50	0	0	0	0	
C-22	44-46			ST	1.5		43	80												
C-23	46-48			ST	1.0		42	90												
C-24	48-50			ST	1.25		44	79												
C-25	50-52	BOTTOM AT 56		ST	1.25		47	70												
C-26	52-54			ST	1.25		43	76			23.0	0	0	100	50	0	0	0	0	
C-27	54-56	WATER AT		ST	1.25		52	73												
	56-58																			
	58-60																			

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-318