

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-321		13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN		DISTURBED 2 Jars	
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 27 Apr	
8. DEPTH DRILLED INTO ROCK				17. ELEVATION TOP OF HOLE		COMPLETED 27 Apr 67	
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		Brown clay w/cal nods, grass roots, organic material v/stiff			Cont. 1	3.75
2.0	4.0		Brown clay w/sand seams stiff			Cont. 2	1.00
4.0	6.0		Brown clay w/sand seams and sand pockets, some cal nods, medium			Cont. 3	0.75
6.0	8.0		Brown and gray sandy clay Trace of veg. at 8.0., stiff			Cont. 4	1.00
8.0	10.0		Gray sand w/thin layer of gray clay, stiff			Cont. 5	1.25
10.0	12.0		Gray sandy clay w/shell frag medium			Cont. 6	0.50
12.0	14.0		Gray clay w/sand pocket stiff			Cont. 7	1.00
14.0	16.0		Brown and gray clay w/cal nod stiff			Cont. 8	1.25
16.0	18.0		Same as above, stiff			Cont. 9	1.50
18.0	20.0		Gray sandy clay, stiff			Cont. 10	1.75
20.0	22.0		Brown sandy clay, stiff			Cont. 11	1.75
22.0	24.0		Gray clayey sand, w/cal nods stiff			Cont. 12	1.50
24.0	26.0		Brown silty sand w/clay seams, traces of sandstone 24.0-24.5 No count 24.5-25.0 7 blows 25.0-25.5 11 blows 25.5-26.0 No count			Jar 1	
26.0	29.0		Same as above, washed			No sample	
29.0	29.5		Brown silty sand w/clay layers			Jar 2	
29.5	30.0		Brown clay w/silt and sand layers, stiff			Cont. 13	1.25
30.0	31.5		Brown clay w/silt seams, stiff			Cont. 14	1.50
31.5	32.0		Gray clay w/org. mat. v/stiff			Cont. 15	2.00
32.0	34.0		Same as above, stiff			Cont. 16	1.50
34.0	36.0		Same as above, stiff continued			Cont. 17	1.50

SWG Form 267(c)
28 Jan 1965

PROJECT: Sabine Naches Waterway

LOCATION: _____

TEST DATA SUMMARY

BORING NO. 3ST-321

DATE DRILLED 27 April 67

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	Brown clay 0-6	CH	VST	3.75		20	106											
C-2	2-4	Cal Nods 0-2 & 4-6		ST	1.0		30	90			21.0	0	4	96	50	0	0	1	2
C-3	4-6	Grass roots EOR mat 0-2		M	0.75		31	91											
C-4	6-8	Brown, Gray sandy silt	ML	ST	1.0		25	100			2.0	0	36	64	50	0	0	0	18
C-5	8-10	6-12		ST	1.25		23	102											
C-6	10-12			M	0.5		24	102											
C-7	12-14	Gray clay 12-20	CH	ST	1.0		31	93											
C-8	14-16			ST	1.25		27	96											
C-9	16-18			ST	1.5		27	94			22.0	0	8	92	50	0	0	0	4
C-10	18-20			ST	1.75		19	108											
C-11	20-22	Brown sandy clay 20-24	CL	ST	1.75		18	110	31		8.0	0	46	54	50	0	0	0	23
C-12	22-24	Cal Nods 22-24		ST	1.5		20	108											
T-1	24-26	Brown silty sand	SM	D		18	21				2.0	0	64	36	50	0	0	1	32
X	26-29	24-29.5																	
T-2	29-29.5						27												
C-13	29.5-30	Brown, Gray clay 29.5-	CH	ST	1.25		30	93			21.0	0	4	96	50	0	0	0	2
C-14	30-31.5	56		ST	1.5		28	94											
C-15	31.5-32			VST	2.0		31	88											
C-16	32-34			ST	1.5		31	89			19.0	0	6	94	50	0	0	0	3
C-17	34-36			ST	1.5		30	92											
C-18	36-38			ST	1.5		30	90											
C-19	38-40			ST	1.25		34	87											
C-20	40-42			ST	1.75		42												
C-21	42-44			ST	1.75		38	83			20.0	0	0	100	50	0	0	0	0
C-22	44-46			ST	1.75		36	85											
C-23	46-48			ST	1.5		33	84											
C-24	48-50			ST	1.25		41	79											
C-25	50-52			ST	1.5		45	77			22.0	0	2	98	50	0	0	0	1
C-26	52-54			ST	1.0		50	74											
C-27	54-56			ST	1.25		52	70											

KEY: CONSISTENCY — COHESIVE SOILS
 VS S H ST VST R VL L H 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. Rtn'd ÷ Init. Wt. x 100 = % Rtn'd.

BORING NO. 3ST-321