

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-315		13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN		DISTURBED 1 Jar	
5. NAME OF DRILLER Black				14. TOTAL NUMBER CORE BOXES		UNDISTURBED 27 Cont	
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER		16. DATE HOLE 9 May	
7. THICKNESS OF OVERBURDEN				17. ELEVATION TOP OF HOLE		STARTED 9 May 1967	
8. DEPTH DRILLED INTO ROCK				18. TOTAL CORE RECOVERY FOR BORING		COMPLETED 9 May 1967	
9. TOTAL DEPTH OF HOLE 56.0				19. SIGNATURE OF INSPECTOR		%	
ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOV- ERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
0.0	2.0		Brown clay, org, fill, v/stiff			Cont. 1	2.25
2.0	4.0		Brown sandy clay, fill, med			Cont. 2	0.75
4.0	6.0		Brown sandy clay, med			Cont. 3	0.50
6.0	8.0		Gray and brown sandy clay medium			Cont. 4	0.50
8.0	9.0		Gray sandy clay, medium			Cont. 5	0.50
9.0	10.0		Brown clay, stiff			Cont. 6	1.50
10.0	12.0		Brown clay, tr sand, v/stiff			Cont. 7	2.00
12.0	14.0		Same as above, v/stiff			Cont. 8	2.00
14.0	16.0		Brown clay, tr cal nods, v/stiff			Cont. 9	2.00
16.0	18.0		Same as above, v/stiff			Cont. 10	3.25
18.0	20.0		Brown silty sandy clay, med			Cont. 11	0.75
20.0	22.0		Brown silty sand, tr clay medium			Cont. 12	0.50
22.0	24.0		Brown silty sand, tr clay layers at 23.5 22.0-22.5 No count 22.5-23.0 9 blows 23.0-23.5 11 blows 23.5-24.0 No count			Jar 1	
24.0	26.0		Same as above			No sample	
26.0	28.0		Brown clay w/silt and sand layers, stiff			Cont. 13	1.50
28.0	30.0		Same as above, stiff			Cont. 14	1.50
30.0	32.0		Gray clay w/silt layers v/stiff			Cont. 15	3.00
32.0	34.0		Same as above, stiff			Cont. 16	1.50
34.0	36.0		Same as above, stiff			Cont. 17	1.00
36.0	38.0		Same as above, stiff			Cont. 18	1.00
38.0	40.0		Same as above, stiff			Cont. 19	1.25
40.0	42.0		Gray clay w/few silt layers stiff			Cont. 20	1.00
42.0	44.0		Same as above, stiff			Cont. 21	1.50
44.0	46.0		Bray clay w/tr of silt layers stiff			Cont. 22	1.50

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4. HOLE NO. (As shown on drawing title and file number)			13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN	DISTURBED	UNDISTURBED	
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 RECOV- ERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g
46.0-	48.0		Gray clay, stiff			Cont. 23 1.50
48.0	50.0		Gray clay, stiff			Cont. 24 1.50
50.0	52.0		Gray clay, stiff			Cont. 25 1.25
52.0	54.0		Gray clay w/layer of sand and small gravel, stiff			Cont. 26 1.25
54.0	56.0		Gray clay, stiff			Cont. 27 1.25
			BOTTOMED			

28 Jan 1965

PROJECT: Sabine Neches Waterway

LOCATION: _____

TEST DATA SUMMARY

BORING NO. 357-315DATE DRILLED 9 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	VST	3.5		18	110												
C-2	2-4	sandy 2-4		ST	1.75		20	105			20.0	0	16	84	50	0	1	2	8	
C-3	4-6			M	0.5		38	86												
C-4	6-8	Brown silty sand 6-9	SM	S	0.25		23	95			2.0	0	58	42	50	0	0	0	29	
C-5	8-9			M	2.5		27	91												
C-6	9-10	Brown clay 9-10	CH	VST	2.0		20	105			21.0	0	12	82	50	0	0	1	6	
C-7	10-12	Brown sandy clay 10-12	CL	VST	2.25		19	108	40		10.0	0	32	68	50	0	0	1	16	
C-8	12-14	Gray, Brown clay 12-	CH	VST	3.0		21	106												
C-9	14-16	12		VST	2.25		30	96			21.0	0	2	98	50	0	0	0	1	
C-10	16-18	Cal Nods 14-16		VST	2.5		24	102												
C-11	18-20	Brown sandy clay 18-20	CL	ST	1.25		23	103	47		16.0	0	30	70	50	0	1	1	15	
C-12	20-22	Brown silty sand 20-	SM	S	0.25		25	100			2.0	0	68	32	50	0	0	0	34	
I-1	22-24	26				20	25													
X	24-26																			
C-13	26-28	Brown clay 26-28	CL	M	0.75		28	92			6.0	0	10	90	50	0	0	0	5	
C-14	28-30	Brown, Gray clay 28-30	CH	ST	1.75		31	90												
C-15	30-32			VST	2.25		32	90			20.0	0	0	100	50	0	0	0	0	
C-16	32-34	silt layers 28-46		ST	1.75		32	90												
C-17	34-36			ST	1.5		32	90												
C-18	36-38			ST	1.25		37	86												
C-19	38-40			ST	1.75		36	86												
C-20	40-42			ST	1.0		33	86			20.0	0	0	100	50	0	0	0	0	
C-21	42-44			ST	1.0		35	84												
C-22	44-46			ST	1.0		46	77												
C-23	46-48			ST	1.25		44	78												
C-24	48-50			ST	1.25		45	75												
C-25	50-52			ST	1.25		49	72			26.0	0	0	100	50	0	0	0	0	
C-26	52-54			ST	1.25		51	75												
C-27	54-56			ST	1.25		56	67												

KEY: CONSISTENCY -- COHESIVE SOILS CONSISTENCY -- COHESIONLESS SOILS

VS S H 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. Rtd ÷ Init. Wt. x 100 = % Rtd.

BORING NO. 357-315