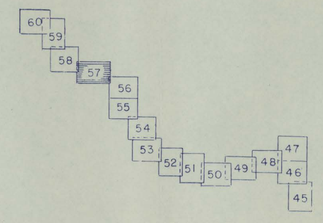
735,000

STA	Y	X	ELEV.	DESCRIPTION
C-32	733,613.83	3,132,602.02	58.949	IRON PIN
C-33	733,662.16	3,132,132.34	62.949	
C-34	733,718.00	3,131,846.01	65.115	
C-35	733,779.32	3,131,460.73	65.645	IRON PIN
C-36	733,736.74	3,131,193.20	62.106	
C-37	734,075.60	3,130,768.81	60.671	IRON PIN
C-38	734,448.26	3,130,397.41	62.342	
C-39	734,808.33	3,129,984.34	62.912	IRON PIN
C-44	734,457.89	3,130,051.96	62.380	
C-45	734,255.36	3,130,231.27	61.440	
C-46	733,688.60	3,130,815.64	63.870	
C-47	733,455.34	3,131,316.35	62.506	
C-48	733,392.86	3,131,858.18	61.732	IRON PIN
C-49	733,291.03	3,132,532.52	59.340	IRON PIN



KEY MAP

734,000

3,130,000

3,131,000

3,132,000

Galveston Dist. Vol. Report No. 1013

BUFFALO BAYOU, TEXAS

WHITE OAK BAYOU PROPOSED ALIGNMENT

100 0 100'

U.S. ARMY ENGINEER DISTRICT, GALVESTON, TEXAS APRIL 1963

TO ACCOMPANY GENERAL DESIGN MEMORANDUM NO.1 BUFFALO AND WHITE OAK BAYOUS AND WHITE OAK BAYOU FEATURE DESIGN MEMORANDUM NO.2, MILE 1.07 TO YALE STREET DATED: APRIL 1963

FILE: HSC 402-133

Sheet 2 of 7 PLATE 57

White Oak Bayou

LOG OF BORING NO. 6ST-153

TYPE: 6 in. Shelby Tube LOCATION:

SURF EL:

DEPTH FT.	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL	BLOWS PER FT.	UNIT DRY WT. LBS./CU.FT.
0	CL		Red & Gray Gravelly Sandy Clay, w/calcareous & sandstone Nodules v/stiff-hard		
5	CL		LS-8.0 15-28-57		125
10					
15	CH		Red Clay, hard-v/stiff LS-17.0 6-0-94 Calcareous Nodules		103
20	ML		Red Gray Silt LS-1.0 Variegated, SS 17.5'-19' 2-5-93 Layers of Clay 19'-22' sandstone Nodules 17.5'-19.0'		104
25	CL		Red Clay, Hard LS-11.0 0-3-97 Layers of Sandy Silt 22'-25.5' SS 25.5'-27' sandstone Nodules 25.5-27.0'		106
30	ML		Red Silt, Layers of Clay LS-2.0 Cal. Nod. 27'-29' 0-6-94 SS 29'-31' sandstone Nodules 29-31'		106
	CH		Red Clay, Hard LS-19.5 Cal. Nod. 0-0-100		102
35	CL		Red Brown Clay Silt Layers, SS 36'-42' sandstone @ 36-36.2' & 38.0-38.2'		
40			LS-5.0 0-4-96 Layers of Sand 42'-44'		102
45			Layers of Silt 44'-46' LS-10.5 0-0-100		100
50					

POCKET PENETROMETER TONS / SQ. FT.

0.5 1.0 1.5 2.0 2.5 3.0

PLASTIC LIMIT — WATER CONTENT, % — LIQUID LIMIT

10 20 30 40 50 60

ELEVATION FT

4.5+ 4.5+ 4.5+ 4.5+ 4.5+ 4.5+ 4.5+ 4.5+ 4.5+ 4.5 3.5

COMPLETION DEPTH 46.0 ft.
DATE 12 June 1964

DEPTH TO WATER IN BORING 29.5 Ft. DATE

SWN 266(C)
22 AUG 62