

BRADY ISLAND
Houston Ship Channel

LOG OF BORING NO. 3ST-3
Tide +2.6 @ 4:00PM
offset 19' south

TYPE: 3" SHELBY TUBE

LOCATION: offset 19' south

DEPTH FT.	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL	BLOWS PER FT.	UNIT DRY WT. LBS./CU FT.	POCKET PENETROMETER TONS./SQ. FT.						ELEVATION FT.
						0.5	1.0	1.5	2.0	2.5	3.0	
			SURF EL. +2.6			PLASTIC LIMIT			WATER CONTENT, %		LIQUID LIMIT	
						10	20	30	40	50	60	
5			Water 0.0'-11.0'									
10												
15	C L		Black sandy clay mucky									
			LS=8.0 0-23-77									
	S M		LS=0.0 0-75-25 Tan silty sand loose	3								
20												
25	C L		Reddish Brown clay v/stiff	11								
			LS=15.0 0-1-99	104								
30												
35												
40												
45												
50												

COMPLETION DEPTH 26.0'
DATE 17 Feb 69

DEPTH TO WATER
IN BORING

DATE

Hole No. 3ST-3

DRILLING LOG	DIVISION Southwestern	INSTALLATION Galv Dist, Eng Div	SHEET OF SHEETS
1. PROJECT Brady Island		10. SIZE AND TYPE OF BIT	
2. LOCATION (Coordinates or Station) Houston Ship Channel		11. DATUM FOR ELEVATION SHOWN (TBM or MSL) Tide #2.6 @ 4:00 PM Offset 19' South	
3. DRILLING AGENCY U. S. Army Corps of Engineers		12. MANUFACTURER'S DESIGNATION OF DRILL	
4. HOLE NO. (As shown on drawing title and file number) 3ST-3		13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN	DISTURBED 3 Jars UNDISTURBED 1 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 17 Feb COMPLETED 17 Feb 1964
8. DEPTH DRILLED INTO ROCK		17. ELEVATION TOP OF HOLE	
9. TOTAL DEPTH OF HOLE 26.0		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
0.0	11.0		Water			
11.0	17.0		V/soft black oily sand Weight of 2 rods, tube and kelly, no resistance			Jar 1
17.0	18.0		V/fine tan sand			Jar 2
18.0	19.5		Same as above, drove 18.0-18.5 2 blows 18.5-19.0 1 blow 19.0-19.5 2 blows			Jar 3
19.5	23.0		V/fine tan sand			No recovery
23.0	24.5		23.0-23.5 3 blows 23.5-24.0 5 blows 24.0-24.5 6 blows Tan v/fine sand			No recovery
24.5	25.0		No recovery, washed Same as above			Jar
25.0	26.0		Reddish brown clay, v/stiff Bottomed			Cont. 1 3.75