

BRADY ISLAND
Houston Ship Channel

LOG OF BORING NO. 3ST-5
Tide 0.8 @ 11:20 AM

TYPE: 3" SHELBY TUBE

LOCATION:

DEPTH FT	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL	UNIT DRY WT. LBS / CU FT	POCKET PENETROMETER TONS / 50. FT						ELEVATION FT
					0.5	1.0	1.5	2.0	2.5	3.0	
					PLASTIC LIMIT	WATER CONTENT, %				LIQUID LIMIT	
			SURF EL		10	20	30	40	50	60	
5			water 0.0 - 10.0								
10			Dark Gray muck, w/shell fragments & organic material v/soft								
15			Dark Gray-Tan silty sand, v/soft organic material LS=2.0 0-54-46								
20											
25											
30											
35											
40											
45											
50											

COMPLETION DEPTH 22.5

DATE 18 Feb 69

DEPTH TO WATER
IN BORING

DATE

Hole No. 3ST-5

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 0.8 @ 11:20 Am	
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-5	13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN	DISTURBED 5 Jars
5. NAME OF DRILLER Eck			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 18 Feb COMPLETED 18 Feb 1964	
8. DEPTH DRILLED INTO ROCK			17. ELEVATION TOP OF HOLE	
9. TOTAL DEPTH OF HOLE 22.5			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	10.0		Water			
10.0	12.5		Dark gray clay w/shell frag and org. mat. v/soft			Jar 1 0.0
12.5	15.0		Same as above, v/soft			Jar 2 0.0
15.0	17.5		Dark gray clay streaked w/tan and sand layers w/org. mat, v/soft			Jar 3 0.25
17.5	20.0		Dark gray clay w/layers of silt and org. mat., v/soft			Jar 4 0.0
20.0	22.5		Light gray clay w/layers of sandy and org. mat. v/soft			Jar 5 0.25
			Bottomed			