

DEPARTMENT OF THE ARMY Southwestern DIVISION _____ INSTALLATION <u>Galv Dist, Eng Div</u>				1. PROJECT		SHEET OF	
				Port Aransas, Corpus Christi		WW	
DRILLING LOG				2. LOCATION (Coordinates or Station)			
				Aransas Pass, Texas			
3. DRILLING AGENCY				U. S. Army Corps of Engineers			
4. HOLE NO. (As shown on drawing title and file No.)				5. NAME OF DRILLER			
3ST-66				Black			
6. DIRECTION OF HOLE				7. THICKNESS OF OVER-BURDEN		8. DEPTH DRILLED INTO ROCK	
☐ VERTICAL		☐ INCLINED				9. TOTAL DEPTH OF HOLE	
		DEGREES WITH VERTICAL				51.5	
10. SIZE AND TYPE OF BIT			11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		12. MANUFACTURER'S DESIGNATION OF DRILL		
Shelby Tube - 3"							
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN			14. TOTAL NO. CORE BOXES		15. ELEVATION GROUND WATER		16. DATE HOLE
DISTURBED 4 Jars			UNDISTURBED 1 Cont				STARTED 10 Apr
							COMPLETED 10 Apr 1963
17. ELEVATION TOP OF HOLE		18. TOTAL CORE RECOVERY FOR BORING (%)		19. SIGNATURE OF INSPECTOR			

ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	% CORE RECOVERY	BOX OR SAMPLE NO.	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant)
0.0	29.5		Water			
29.5	32.0		Dark gray sand w/shell fell under splitspoon and 4' drill rod			Jar 1
32.0	34.5		Light gray clayey sand w/shell and w/cal nods			Cont. 1 0.25
34.5	36.0		34.5-35.0 No blows 35.0-35.5 20 blows 35.5-36.0 20 blows Light gray tan sand w/shell and cal nod (dense)			Jar 2
36.0	38.5		Light gray sand w/cal nod shell coarse sand			Jar 3
38.5	41.0		Light gray sand w/cal nod shell cemented sandstone			Jar 4
41.0 42.0-	42.0 48.0		Tan sand w/layered sandstone Hard cemented sand w/ayers of sand ranging from .3 to .5 tenths in thickness (3-4 layers sand)			Hard cemented sand
48.0	51.5		Drilled as to be solid cemented sand or cal rock Due to no rock core barrel on barge "B" we were unable to recover Bottomed Water 29.5 Wind 28 MPH Tide 1.3 @ 6:00 AM Weight of hammer 140# Drop Distance - 30"			✓✓

Port Aransas Corps Christi
Waterway

LOG OF BORING NO. 35T-66.

Tide 1.3 @ 6:00 AM

TYPE: 3" Shelby Tube LOCATION:

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	
						PLASTIC LIMIT	WATER CONTENT, %				LIQUID LIMIT	
			SURF. EL.			+					+	
						10	20	30	40	50	60	
5												
10												
15			water									
20												
25												
30			Dark Gray, Clayey Gravelly Sand									
35	S		L.S. = 6.0 29-54-17	15.2		19						
	C		Soft									
40	S _m		Light Gray, silty Gravelly Sand, 20			18						
	SP		Shell COQUINA									
			VI/DENSE 30-62-8									
			Tan sand w/layered sand stone									
45			Hard cemented sand									
			Hard Cemented sand									
50			Drilled as to be solid									
			Cemented sand or calcareous Rock									
			completion depth 51.5									
			Date 10 April 63									