

DEPARTMENT OF THE ARMY			1. PROJECT		SHEET OF	
DIVISION <u>Southwestern</u>			Port Aransas-Corpus Christi			
INSTALLATION <u>Galv Dist, Eng Div</u>			2. LOCATION (Coordinates or Station)			
			Port Ingleside, Texas			
DRILLING LOG			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-63			Smith			
6. DIRECTION OF HOLE			7. THICKNESS OF OVER-BURDEN		8. DEPTH DRILLED INTO ROCK	
☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL					9. TOTAL DEPTH OF HOLE	
					52.0	
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	
DISTURBED 5 Jars					16. DATE HOLE	
					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	33.5		Water			
33.5	41.0		40' rod and 3" ST fell to 41.0 no resistance Dark gray clay mucky, w/tr shell, v/soft			Jar 1
41.0	43.0		Gray sand fine and silty saturated			Jar 2
43.0	45.0		43.5-44.0 15 blows Gray sand w/shell fragments 44.0-44.5 20 blows Gray sand w/clay and <u>sandstone</u> <u>nod</u>			Jar 3
45.0	48.0		Same as above			Washed
48.0	50.0		48.5-49.0 25 blows Gray sand w/nod and sandy clay layer 49.0-49.5 36 blows Gray sand med fine			Jar 4
50.0	52.0		50.5-51.0 24 blows 51.0-51.5 21 blows Gray sand fine and silty			Jar 5
			Bottomed Water 33.5 Tide +1.4 @ 2:00 PM Tide +1.4 @ 6:15 PM Weight of hammer 140# Drop Distance - 30" Wind 26-34 MPH			

Port Atansas-Corpus
Christi WW

LOG OF BORING NO. 3 St-63
Tide +1.4 @ 2:00 PM
+1.4 @ 6:15 PM

TYPE: 3" Shelby Tube

LOCATION: Port Ingleside

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											
20			Water								
25											
30											
35			Dark Gray Clay, V/Soft w/lt Shell								
40	C										
45	S		Gray Silty Sand, 4-78-18	35							
50	M		V/Dense w/Sandstone Nod								
			L.S. = 0.0 6-70-24	61							
			L.S. = 0.0 0-82-18	45							

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140.6

DATE