

DEPARTMENT OF THE ARMY DIVISION <u>Southwestern</u> INSTALLATION <u>Galv Dist, Eng Div</u>			1. PROJECT <u>Pt. Aransas, Corpus Christi</u>			SHEET <u>1</u> OF <u>1</u>		
2. LOCATION (Coordinates or Station) <u>Aransas Pass, Texas</u>			3. DRILLING AGENCY <u>U. S. Army Corps of Engineers</u>					
4. HOLE NO. (As shown on drawing title and file No.) <u>3ST-62</u>			5. NAME OF DRILLER <u>Black</u> <u>250' South &</u>					
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL			7. THICKNESS OF OVER-BURDEN		8. DEPTH DRILLED INTO ROCK		9. TOTAL DEPTH OF HOLE <u>52.0</u>	
10. SIZE AND TYPE OF BIT <u>Shelby Tube - 3"</u>			11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			12. MANUFACTURER'S DESIGNATION OF DRILL <u>Station 490+00</u>		
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED <u>7 Jars</u> UNDISTURBED <u>6 Cont</u>			14. TOTAL NO. CORE BOXES		15. ELEVATION GROUND WATER		16. DATE HOLE STARTED <u>11 Apr</u> COMPLETED <u>11 Apr 1963</u>	
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	27.5		Water					
27.5	29.0		Splitspoon - penetrated to depth of 29.0 under 4 drill rock Light gray clayey sand					Jar 1
29.0	31.5		Gray clay, stiff					Cont. 1 1.0
31.5	34.0		Gray clayey sand, w/cal nods					Cont. 2 2.0
34.0	35.5		Light gray sand w/cal nods					Jar 2
35.5	38.0		Light gray clayey sand, w/cal nods					Cont. 3 1.5
38.0	39.0		Light gray clayey sand w/cemented sandstone and cal nod					Jar 3
39.0	40.0		Light gray clayey sand w/cal nod					Cont. 4 2.5
40.0	42.0		Dark gray clayey sand w/cal nods					Cont. 5 1.5
42.0	44.0		Light gray sand w/clay traces and cemented sandstone					Jar 4
44.0	46.0		No recovery					6
46.0	47.5		46.0-46.5 No blows 46.5-47.0 2 blows 47.0-47.5 5 blows Tan sand w/shell					Jar 5
47.5	50.0		Same as above, washed					
50.0	50.2		Shell cemented w/sand					Jar 6
50.2	51.0		Tan sandy clay stiff					Cont. 6 1.00
51.0	52.0		Layered sand and clay to 51.5 Fine sand w/tr cal nod					Jar 7
			Bottom Water 27.5 Tide 1.4 @ 10:00 Hr Weight of hammer 140# Drop Distance - 30"					

Port Aransas - Corpus Christi WW

LOG OF BORING NO. 3 St - G2
Tide +1.4 @ 1000 Hrs

TYPE: 3" Shelby Tube

LOCATION: Aransas Pass

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.			PLASTIC LIMIT			WATER CONTENT, %		LIQUID LIMIT	
						+			•		+	
						10	20	30	40	50	60	
5												
10			Water									
15												
20												
25												
30	C		Gray Sandy Clay									
	L		V/Soft 27.5' to 29.0'									
			L.S. = 13.0 0-40-60		124.9							
			Stiff to V/Stiff 29' to 34'		131.3							
35	S		L.S. = 0.0 8-75-17									
	M		Gray Silty Sand, W/Cat Nod		132.1							4.0
			L.S. = 2.0 4-75-21									4.5
40					135.0							
45	C		L.S. = 14.0 2-44-54		129.5							
	L		Gray Sandy Clay, V/Stiff									
50	S		L.S. = 0.0 0-91-9									
	M		Tan Silty Sand, Loose									
52.0	SC-SM		Tan Silty Clayey Sand, V/Stiff		127.6							
			L.S. = 3.0 1-64-35									

COQUINA 50.0' to 50.2'

