

DEPARTMENT OF THE ARMY Southwestern DIVISION Galv Dist, Eng Div INSTALLATION			1. PROJECT Port Aransas, Corpus Christi WW			SHEET OF		
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.) 3ST-61			5. NAME OF DRILLER Black					
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL			7. THICKNESS OF OVER-BURDEN		8. DEPTH DRILLED INTO ROCK		9. TOTAL DEPTH OF HOLE 51.5	
10. SIZE AND TYPE OF BIT 3ST-61			11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			12. MANUFACTURER'S DESIGNATION OF DRILL		
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED 7 Jars UNDISTURBED 1 Cont			14. TOTAL NO. CORE BOXES		15. ELEVATION GROUND WATER		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	35.0		Water					
35.0	41.5		Splitspoon penetrated to 41.5 under weight of 6 drill rods Light gray silty clay redeposited material					Jar 1
41.5	44.0		Light gray silty clay w/c al nods					Jar 2
44.0	45.5		Splitspoon drive 44.0-44.5 6 blows 44.5-45.0 16 blows 45.0-45.5 17 blows Tan to light gray sand					Jar 3
45.5	48.0		Tan and gray clayey sand w/cal nods					Cont. 1 2.0
48.0	49.0		Light gray sand w/cal nods					Jar 4
49.0	50.0		Washed					
50.0	50.5		5 blows Light tan fine sand, tr cemented sand					Jar 5
50.5	51.0		8 Blows White chalky shell w/tr shell binder					Jar 6
51.0	51.5		-22 blows Tan sand clay, Bottomed at 51.5 Water 35.0 Tide 1.2 @ 6:15 PM Wind 10-20 MPH Weight of hammer 140# Drop Distance - 30"					Jar 7

Port Aransas, Corpus
Christi, WW

LOG OF BORING NO. 3ST-61
Tide +1.2 @ 6:15 PM

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
						PLASTIC LIMIT	WATER CONTENT, %	LIQUID LIMIT				
			SURF. EL.									
5												
10												
15			Water									
20												
25												
30												
35												
40	C		Light Gray, clay (CL) v/soft 98 v/soft						97.5			
42	L		cal. nodules from									
44			41.5 - 42.5 (CL) 23 w/cal nodules									
45	SM		Tan, silty sand LS=0.0 v/medium 0-72-28									
47	C		Tan, sandy clay v/stiff									
48	L		w/cal nodules									
50	SM		Light Gray, silty sand									
52			DENSE									
54			CLAY									