

DEPARTMENT OF THE ARMY DIVISION <u>Southwestern</u> INSTALLATION <u>Galv Dist, Eng Div</u>			1- PROJECT Port Aransas-Corpus Christi WW		SHEET <u>1</u> OF <u>1</u>	
DRILLING LOG			2- LOCATION (Coordinates or Station) Aransas Pass, Sta. 455/00			
4- HOLE NO. (As shown on drawing title and file No.) 3ST-106			3- DRILLING AGENCY U. S. Army Corps of Engineers			
6- DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL			7- THICKNESS OF OVER-BURDEN		8- DEPTH DRILLED INTO ROCK	
10- SIZE AND TYPE OF BIT Shelby Tube - 3"			11- DATUM FOR ELEVATION SHOWN (TBM or MSL)		9- TOTAL DEPTH OF HOLE 53.0	
13- TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED 3 Jars		14- TOTAL NO. CORE BOXES UNDISTURBED 1 Cont	15- ELEV. GROUND WATER		16- DATE HOLE STARTED 2 May COMPLETED 2 May 1963	
17- ELEV. 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	40.0		Water			
40.0	42.0		Dark gray silty sand, redeposited material			Cont. 1
42.0	44.0		Pushed 3" ST 42.0-44.0 No recovery sand w/nod embedded			No sample
44.0	46.5		No recovery, sand w/sandstone nod, v/hard			No sample
46.5	49.0		Gray sand, w/tr sandstone nod small			Jar 1 Dense
49.0	51.0		Rusty sand, fine and silty w/shell frag			Jar 2
51.0	53.0		51.5-52.0 14 blows Rusty, sand, silt w/sandstone nod 52.-52.5 15 blows Greenish, gray, sand, fine and silty Bottomed Tide #2.0 @ 1:45 PM Tide #2.0 @ 4:20 PM Weight of hammer 140# Drop Distance - 30"			Jar 3

Port Aransas - Corpus
Christi WW

LOG OF BORING NO. 3 St-106

Tide +2.0 @ 1:45 PM
+2.0 @ 4:20 PM

TYPE 3" Shelby Tube

LOCATION: Aransas Pass Sta. 455+00

DEPTH FT.	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL	SURF. EL.	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	
							+					+	
							10	20	30	40	50	60	
10													
15													
20													
25			Water										
30													
35													
40													
40	C		Dark Gray Sandy Clay	40							(96)		96.2
	L		L.S. = 17.0		0-30-70	16.0							
45	SP		Gray Clayey Sand, Hard										
	SC		W/cal Nod & Sandstone										
			Nod										
				49	2-87-11								
50	SM		Rusty Silty Sand,										
			W/Shell Frag		51	8-74-18							
	SP		Rusty Silty Gravelly			29							
	SM		Sand, Dense			316-74-10	(17)						
55													

COMPLETION DEPTH 53.0'
DATE 2 May 1963

DEPTH TO WATER
IN BORING

DATE