

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)			
DRILLING LOG		Tide @ 12:30 PM 0.4 Sta 85700			
4. HOLE NO. (As shown on drawing title and file No.)		3. DRILLING AGENCY			
6ST-16		U. S. Army Corps of Engineers			
6. DIRECTION OF HOLE		7. THICKNESS OF OVERBURDEN		9. TOTAL DEPTH OF HOLE	
<input type="checkbox"/> VERTICAL	<input type="checkbox"/> INCLINED	DEGREES WITH VERTICAL		93.0	
10. SIZE AND TYPE OF BIT		11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		12. MANUFACTURER'S DESIGNATION OF DRILL	
Shelby Tube - 6"					
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN		14. TOTAL NO. CORE BOXES		16. DATE HOLE	
DISTURBED 11 Jars		UNDISTURBED 1 Cont		STARTED 12 Jul	
				COMPLETED 13 Jul 1962	
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	41.0		Water			
41.0	43.0		Clayey sand w/shell frag	SC		Jar 1
43.0	45.0		Gray sand w/shell frag	SM		Cont. 1 ✓
45.0	48.0		Same as below			Washed
48.0	50.0		48.0-48.5 No count 48.5-49.0 13 blows 49.0-49.5 20 blows Gray sandy clay w/shell frag	CL		Jar 2
50.0	52.0		Gray and tan clay w/pockets Gray sand and shell frag Very stiff			Jar 3 2.00
52.0	55.0		Started washing @ 52' Washed to 55.0, same as above			
55.0	57.0		55.4-56.0 38 blows 56.0-56.5 52 blows Gray sand med fine			Jar 4
57.0	60.0		Same as above			Washed
60.0	61.0		Same as below			
61.0	63.0		61.5-62.0 17 blows 62.0-62.5 30 blows Gray sand med fine w/tr shell frag			Jar 5
63.0	66.0		Same as above			Washed
66.0	68.0		66.5-67.0 40 blows 67.0-67.5 Refusal Gray sand med w/tr shell frag			Jar 6
68.0	70.0		Same as below			Washed
70.0	71.0		Same as below w/some clay			Washed
71.0	73.0		71.5-72.0 10 blows 72.0-72.5 23 blows Bluish, gray sand med fine w/trace clay binder			Jar 7
73.0	76.0		Same as above			Washed
76.0	78.0		76.5-77.0 30 blows 77.0-77.5 45 blows Bluish gray sand med fine			Jar 8
78.0	80.0		Same as above			Washed
80.0	81.0		Same as below			Washed

DEPARTMENT OF THE ARMY		1. PROJECT Pt. Aransas Corpus Christi		SHEET OF		
DIVISION _____		2. LOCATION (Coordinates or Station)				
INSTALLATION _____		3. DRILLING AGENCY				
DRILLING LOG			4. HOLE NO. (As shown on drawing title and file No.)			
5. NAME OF DRILLER			6. DIRECTION OF HOLE		7. THICKNESS OF OVERBURDEN	
<input type="checkbox"/> VERTICAL	<input type="checkbox"/> INCLINED	DEGREES WITH VERTICAL	8. DEPTH DRILLED INTO ROCK	9. TOTAL DEPTH OF HOLE		
10. SIZE AND TYPE OF BIT		11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		12. MANUFACTURER'S DESIGNATION OF DRILL		
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN		14. TOTAL NO. CORE BOXES	15. ELEV. GROUND WATER	16. DATE HOLE		
DISTURBED	UNDISTURBED	STARTED	COMPLETED			
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)
81.0	83.0		81.5-82.0 25 blows 82.0-82.5 27 blows Gray sand med fine silty			Jar 9
83.0	86.0		Same as above			Washed
86.0	88.0		86.5-87.0 24 blows 87.0-87.5 31 blows Gray sand w/shell frag Trace of binder and sandstone nod soft			Jar 10
88.0	90.0		Same as above			Washed
90.0	91.0		Same as below			Washed
91.0	93.0		91.5-92.0 refusal 92.0-92.5 refusal Gray sand fine			J r 11
			Bottomed in above at 93.0 Water 41.0 Weight of hammer 140# Drop Distance - 30"			