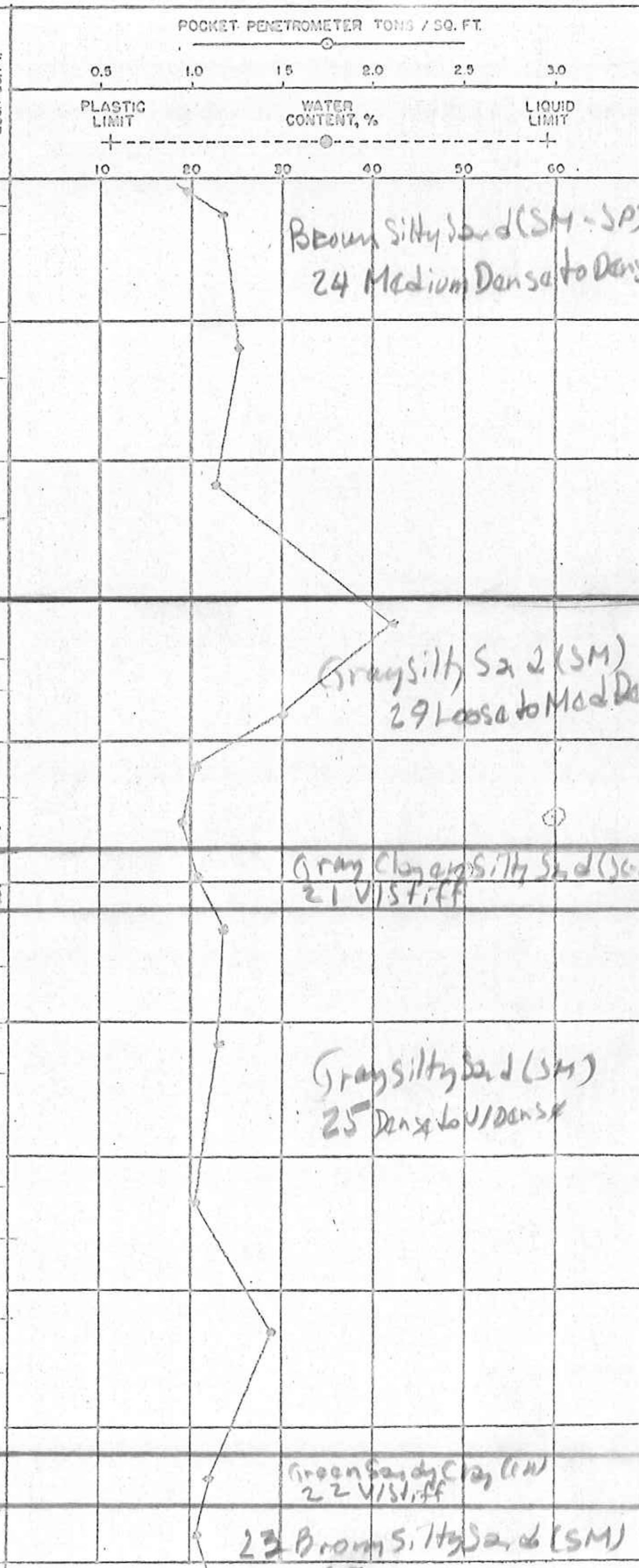
Port Aransas Municipal Anchorage Basin

LOG OF BORING NO. 3ST-1

THIS BORING NO 1 IN PA-CC 45' PROJ

TYPE: 3" Shelby Tube LOCATION:

DEPTH FT.	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL (SURF. EL:)	BLOWS PER FT.	UNIT DRY WT. LBS./CU.FT.
▽		X	L.S=0.0 0-94-6	8	
			Brown silty sand		
5	S M S P		medium-dense		
		X	shell fragments	11	
10		X	L.S=0.0 1-88-11	13	
15		X	Gray silty sand	2	
			Loose-medium		
20	S M	X	L.S=2.0 0-70-30	5	
				111	
25	SC SM	X	Gray clayey silty sand v.stiff		
			L.S=4.0 0-78-22	115	
		X	Gray & Green L.S=0.0 0-84-16	47	
30		X	silty sand		
			v.dense - dense	37	
35	S M	X	L.S=0.0 0-77-23	21	
40		X	L.S=0.0 1-77-22		
45					
	C H	X	Green sandy clay, v.stiff		
			L.S=19.0 0-22-78	21	
		X	Brown & Green silty sand		
50	S M		L.S=2.0 0-68-32		
			Disturbed No Dens		
52.			L.S=2.0 0-75-25		



ELEVATION FT.

COMPLETION DEPTH DATE DEPTH TO WATER DATE

SWN 266(C) 22 AUG 62

Completion Depth 52.0'
22 Dec '64

3ST-1

Hole No. 3ST-1

DRILLING LOG | DIVISION: Southwestern | INSTALLATION: Galv Dist, Eng Div | SHEET OF SHEETS

1. PROJECT: ~~Harbor Island~~ Port Aransas Corpus Christi Waterway
2. LOCATION (Coordinates or Station): ~~Port Aransas~~ Anchorage Basin
3. DRILLING AGENCY: U. S. Army Corps of Engineers
4. HOLE NO. (As shown on drawing title and file number): 3ST-1
5. NAME OF DRILLER: Watts
6. DIRECTION OF HOLE: ☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.
7. THICKNESS OF OVERBURDEN
8. DEPTH DRILLED INTO ROCK
9. TOTAL DEPTH OF HOLE: 52.0
10. SIZE AND TYPE OF BIT: 3" Shelby tube
11. DATUM FOR ELEVATION SHOWN (TBM or MSL)
12. MANUFACTURER'S DESIGNATION OF DRILL
13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN: DISTURBED 12 Jars; UNDISTURBED 3 Cont.
14. TOTAL NUMBER CORE BOXES
15. ELEVATION GROUND WATER
16. DATE HOLE: STARTED 22 Dec 64; COMPLETED 22 Dec 64
17. ELEVATION TOP OF HOLE
18. TOTAL CORE RECOVERY FOR BORING: %
19. SIGNATURE OF INSPECTOR

ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOVERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
0.0	1.0		Br sand 0.0-.5 No count .5-1.0 4 blows 1.0-1.5 4 blows 1.5-2.0 No count			Jar 1	
1.0	2.0		Gr sand, fine (same as above)			Jar 1	
2.0	5.0		Same as below, washed away			No sample	
5.0	7.0		Gr sand, fine w/sh frag 5.0-5.5 no count 5.5-6.0 5 blows 6.0-6.5 6 blows			Jar 2	
7.0	10.0		Same as above, washed away				
10.0	12.0		Gray sand w/tr shell frag 10.0-10.5 no count 10.5-11.0 6 blows 11.0-11.5 7 blows 11.5-12.0 no count			Jar 3	
12.0	15.0		Same as above, washed away			No sample	
15.0	17.0		Gr silty sandy clay 15.0-16.5 1 blow 16.5-17.0 1 blow stiff			Jar 4	
17.0	18.0		Same as above, washed			No sample	
18.0	20.0		Gr clayey silty sand w/numerous shell frag.			Jar 5	
20.0	22.0		Gr to green clayey sand, fine glauconitic 20.0-20.5 no count 20.5-21.5 1 blow 21.5-22.0 4 blows			Jar 6	
22.0	24.0		Gr to green clayey sand, v/stiff			Cont. 1	3.00
24.0	26.0		Same as above, v/stiff			Cont. 2	2.50
26.0	28.0		Gr to green clayey silty sand 26.0-26.5 no count 26.5-27.0 14 blows 27.0-27.5 23 blows 27.5-28.0 No count			Jar 7	
28.0	30.0		Same as above, washed away			No sample	

DRILLING LOG

DIVISION

INSTALLATION

SHEET OF SHEETS

1. PROJECT: Harbor Island
2. LOCATION (Coordinates or Station): Port Aransas
3. DRILLING AGENCY
4. HOLE NO. (As shown on drawing title and file number)
5. NAME OF DRILLER
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.
7. THICKNESS OF OVERBURDEN
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 OVER-BURDEN SAMPLES TAKEN — DISTURBED — UNDISTURBED
14. TOTAL NUMBER CORE BOXES
15. ELEVATION GROUND WATER
16. DATE HOLE — STARTED — COMPLETED
17. ELEVATION TOP OF HOLE
18. TOTAL CORE RECOVERY FOR BORING %
19. SIGNATURE OF INSPECTOR

ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOVERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
30.0	32.0		Gr to green clayey sand, fine 30.0-30.5 No count 30.5-31.0 16 blows 31.0-31.5 21 blows 31.5-32.0 No count			Jar 8	
32.0	36.0		Same as above, washed away			No sample	
36.0	38.0		Br to gr clayey sand 46.0-46.5 No count 46.5-47.0 9 blows 47.0-47.5 12 blows 47.5-48.0 No count			Jar 9	
38.0	41.0		Washed away, same as above			No sample	
41.0	43.0		Br to green clayey sand, small sh frag 41.0-41.5 No count 41.5-42.0 23 blows 42.0-42.5 21 blows 42.5-43.0 No count			Jar 10	
43.0	46.0		Same as above, washed away			No sample	
46.0	48.0		Green sandy clay 46.0-46.5 No count 46.5-47.0 9 blows 47.0-47.5 12 blows 47.5-48.0 No count			Jar 11	
48.0	50.0		Same as above, soft			Jar 12	
50.0	52.0		Br to green sandy clay, soft Bottom Water level 1.0			Cont. 3	0.25