Port Aransas
Municipal Anchorage
Basin

LOG OF BORING NO. 357-5

THIS BORING IS NO 2B ON
PORT ARANSAS C.C. 45' PROJECT
EX. 1 APP IV NUS03-221.

TYPE: 3"S/S-16y Tube LOCATION:

DEPTH FT.	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL	BLOWS PER FT.	UNIT DRY WT. LBS/CU FT.	POCKET PENETROMETER TONS / SQ 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)	ELEVATION FT.
			SURF EL:				+10.8
			L.S=0.0 0-82-18	1		Gray Silty Sand (SM) 23 V/Loose	
			Gray & Tan Silty Sand Dense	14			
10			L.S=0.0 1-75-24			Gray Silty Sand (SM) 31 Med Dense to Dense	
15			L.S=2.0 2-59-39				
20	S M		medium	5			
25			V/Dense	23			
30			L.S=2.0 0-66-34		104	Tan Silty Sand (SM) 20 Dense to V/Dense	
35			Dense L.S=0.0 0-76-24	21			
40			medium	15		Tan Silty Sand (SM) 25 Medium Dense	
45	SC		Tan clayey sand, v/stiff L.S=5.0 0-66-34	23		Tan Clayey Sand (SC) 19 V/Stiff	
	CL		Gray & Tan sandy clay calc nod, hard L.S=11.0 3-25-73	111		Gray Sandy Clay (CL) 19 Hard	
50	CL ML		Gray sandy clayey silt L.S=9.0 hard 0-48-52	110		Gray Sandy Clay Silt (CL-ML) 12 Hard	
52	SC		L.S=8.5 0-64-36	19		Brown Clayey Sand, calc nod (SC)	

SWN 266(C)
22 AUG 62

357-5

Hole No. 3ST-5

DRILLING LOG

DIVISION: Southwestern

INSTALLATION: Galv Dist, Eng Div

SHEET: OF SHEETS

1. PROJECT: Pt. Aransas-CC Waterway (Anchorage Basin)
2. LOCATION *(Coordinates or Station)*:
3. DRILLING AGENCY: U. S. Army Corps of Engineers
4. HOLE NO. *(As shown on drawing title and file number)*: 3ST-5
5. NAME OF DRILLER: Black
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:
11. DATUM FOR ELEVATION SHOWN *(TBM or MSL)*: Elev. ∱0.8
12. MANUFACTURER'S DESIGNATION OF DRILL:
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN: DISTURBED 10 Jars; UNDISTURBED 3 Cont
14. TOTAL NUMBER CORE BOXES:
15. ELEVATION GROUND WATER:
16. DATE HOLE: STARTED 5 Jan; COMPLETED 5 Jan 65
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	2.0		Gray and tan sand, shell frag. 1 blow penetrated 2.0			Jar 1
2.0	5.0		Same as below, washed			
5.0	7.0		Gray sand, small shell 5.5-6.0 2 blows 6.0-6.5 6 blows 6.5-7.0 8 blows			Jar 2
7.0	10.0		Same as above, washed			
10.0	12.0		Gray sand, clay binder, small shell frag, Weight of hammer penetrated 2.0			Jar 3
12.0	15.0		Same as above, washed			
15.0	17.0		Gray sand, clay binder Tr of shell Weight of hammer penetrated 2.0			Jar 4
17.0	20.0		Same as above			
20.0	22.0		Heavy shell 20.0-20.5 2 blows 20.5-21.0 3 blows 21.0-21.5 2 blows			No recovery
22.0	24.0		Same as above			No sample
24.0	25.0		Loose gray sand			No sample
25.0	27.0		Gray sand w/abundant clay 25.0-25.5 10 blows 25.5-26.0 11 blows 26.0-26.5 12 blows			Jar 5
27.0	30.0		Gray green clayey sand stiff			Jar 6 1.50
30.0	32.5		Grayish green clayey sand stiff			Cont. 1 1.75
32.5	35.0		Same as above, washed			No sample
35.0	37.0		Gray tan sand fine grain 35.5-36.0 8 blows 36.0-36.5 10 blows 36.5-37.0 11 blows			Jar 7
37.0	40.0		Same as above, washed			No sample
40.0	42.0		Gray sand 40.5-41.0 6 blows 41.0-41.5 10 blows 41.5-42.0 5 blows			Jar 8

DRILLING LOG

DIVISION

INSTALLATION

SHEET OF SHEETS

1. PROJECT: Pt. Aransas-CC Waterway (Anchorage Basin)
2. LOCATION *(Coordinates or Station)*
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 OVERBURDEN 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
42.0	45.0		Same as above, washed			
45.0	47.0		Tan and gray sand fine grain 45.5-46.0 7 blows 46.0-46.5 10 blows 46.5-47.0 13 blows			Jar 9
47.0	48.0		Same as above			No recovery
48.0	50.0		Gray tan sandy clay w/layers sand and few cal nod, hard			Cont. 2 4.50'
50.0	51.5		Gray tan sandy clay w/few cal nod, hard			Cont. 3 4.00
51.5	52.0		Lt. brown sand w/cal nod Bottomed Water level - 0.5'			Jar 10