

|   |                                 |  |                           |
|---|---------------------------------|--|---------------------------|
| <b>DRILLING LOG</b>   | DIVISION<br><b>Southwestern</b> | INSTALLATION<br><b>Galv Dist, Eng Div</b>                                | SHEET<br>OF SHEETS        |
| 1. PROJECT<br><b>Port Aransas-Corpus Christi Waterway</b>   |                                 | 10. SIZE AND TYPE OF BIT   |                           |
| 2. LOCATION (Coordinates or Station)  |                                 | 11. DATUM FOR ELEVATION SHOWN (TBM or MSL)<br><b>Tide #1.9 @ 9:10 AM</b> |                           |
| 3. DRILLING AGENCY<br><b>U. S. Army Corps of Engineers</b>  |                                 | 12. MANUFACTURER'S DESIGNATION OF DRILL                                  |                           |
| 4. HOLE NO. (As shown on drawing title and file number)<br><b>3ST-9</b>   |                                 | 13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN                               | DISTURBED<br><b>1 Jar</b> |
| 5. NAME OF DRILLER<br><b>Black</b>  |                                 | UNDISTURBED<br><b>5 Cont</b>   |                           |
| 6. DIRECTION OF HOLE<br><input type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED _____ DEG. FROM VERT. |                                 | 14. TOTAL NUMBER CORE BOXES  |                           |
| 7. THICKNESS OF OVERBURDEN  |                                 | 15. ELEVATION GROUND WATER   |                           |
| 8. DEPTH DRILLED INTO ROCK  |                                 | 16. DATE HOLE  | STARTED<br><b>29 Apr</b>  |
| 9. TOTAL DEPTH OF HOLE<br><b>52.0</b>   |                                 | COMPLETED<br><b>29 Apr 1964</b>  |                           |
|   |                                 | 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) |
|-----------|-------|--------|---|-----------------|-------------------|--|
| a         | b     | c      | d   | e               | f                 | g  |
| 0.0       | 40.5  |        | Water   |                 |                   |  |
| 40.5      | 42.0  |        | Black oily sandy clay muck v/soft   |                 |                   | Jar 1  |
| 42.0      | 44.0  |        | Gray to brown sandy clay w/cal nod, v/stiff                                   |                 |                   | Cont. 1 3.50   |
| 44.0      | 46.0  |        | Light brown sandy clay w/cal nod, hard  |                 |                   | Cont. 2 4.5f   |
| 46.0      | 48.0  |        | Tan sandy clay, cal nod hard  |                 |                   | Cont. 3 4.0  |
| 48.0      | 50.0  |        | Tan sandy clay w/cal nod brickle, hard  |                 |                   | Cont. 4 4.5f   |
| 50.0      | 52.0  |        | Tan sandy clay w/cal nod and sandstone gravel<br>Top v/hard<br>Bottom v/stiff |                 |                   | Cont. 5 Top 4.5f<br>Bottom 2.0   |
|           |       |        | Bottomed  |                 |                   |  |

Port Aransas  
Corpus Christi  
Waterway

LOG OF BORING NO. 35T-9 (34)  
Tide +1.9 @ 9:10 AM

TYPE: 3" Shelby Tube

LOCATION:

| DEPTH FT. | SYMBOL | SAMPLES | DESCRIPTION OF MATERIAL   | ELOGS 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:   |               |                          | 10                                 | 20               | 30  | 40  | 50  | 60           |               |
| 40        |        |         | Water depth - 40.5'   |               |                          |                                    |                  |     |     |     |              |               |
| 40        | C<br>H |         | Gray & Tan Clay<br>oily Muck  |               |                          |                                    |                  |     |     |     |              | 203           |
| 45        | C<br>H |         | Tan Clay<br>1.5-26.0 0-2-98<br>v/stiff-hard from<br>44.0-50.0                       |               |                          |                                    |                  |     |     |     |              | 45            |
| 50        | C<br>L |         | Tan sandy clay, hard<br>Calcareous nodules<br>& sandstone gravel<br>1.5-8.0 0-21-59 |               |                          |                                    |                  |     |     |     |              | 45            |
| 55        |        |         |   |               |                          |                                    |                  |     |     |     |              |               |

COMPLETION DEPTH 52.0  
DATE 29 April 64

DEPTH TO WATER  
IN BORING

DATE