

| DEPARTMENT OF THE ARMY<br>DIVISION <u>Southwestern</u><br>INSTALLATION <u>Galv Dist. Eng Div</u>                           |       |        | 1. PROJECT<br><u>Viola Channel</u>                                                                                                                 |                 | SHEET OF                                                            |                                                                                |
|----------------------------------------------------------------------------------------------------------------------------|-------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------|--------------------------------------------------------------------------------|
| DRILLING LOG                                                                                                               |       |        | 2. LOCATION (Coordinates or Station)<br><u>Corpus Christi, Sta. 1530/00 5' south centerline</u>                                                    |                 |                                                                     |                                                                                |
| 4. HOLE NO. (As shown on drawing title and file No.)<br><u>3ST-14</u>                                                      |       |        | 3. DRILLING AGENCY<br><u>U. S. Army Corps of Engineers</u>                                                                                         |                 |                                                                     |                                                                                |
| 6. DIRECTION OF HOLE<br><input type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED DEGREES WITH VERTICAL <u>✓</u> |       |        | 5. NAME OF DRILLER<br><u>Ross</u>                                                                                                                  |                 | 7. THICKNESS OF OVERBURDEN                                          |                                                                                |
| 10. SIZE AND TYPE OF BIT                                                                                                   |       |        | 11. DATUM FOR ELEVATION SHOWN (TBM or MSL)                                                                                                         |                 | 8. DEPTH DRILLED INTO ROCK<br>9. TOTAL DEPTH OF HOLE <u>47.5</u>    |                                                                                |
| 13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN<br>DISTURBED                                                                     |       |        | 14. TOTAL NO. CORE BOXES                                                                                                                           |                 | 15. ELEV. GROUND WATER                                              |                                                                                |
| 17. ELEV. TOP OF HOLE                                                                                                      |       |        | 18. TOTAL CORE RECOVERY FOR BORING (%)                                                                                                             |                 | 16. DATE HOLE<br>STARTED <u>20 Dec</u> COMPLETED <u>20 Dec 1961</u> |                                                                                |
| 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                                                                                                                        | 36.5  |        | Water                                                                                                                                              |                 |                                                                     |                                                                                |
| 36.5                                                                                                                       | 39.0  |        | Gray silty sand medium grained w/some shell                                                                                                        |                 |                                                                     | Jar 1                                                                          |
| 39.0                                                                                                                       | 41.5  |        | Washed, same as above                                                                                                                              |                 |                                                                     |                                                                                |
| 41.5                                                                                                                       | 43.5  |        | Gray sandy clay plastic w/some shell w/gravel w/cemented sand nodules w/clay pockets                                                               |                 |                                                                     | Cont. 1 0.50                                                                   |
| 43.5                                                                                                                       | 46.0  |        | Same as above, becoming more sandier at 45.5                                                                                                       |                 |                                                                     | No sample                                                                      |
| 46.0                                                                                                                       | 47.5  |        | Sandy gravel w/clay pockets<br>46.0-46.5 No count<br>46.5-47.0 16 blows<br>47.0-47.5 13 blows                                                      |                 |                                                                     | Jar 2                                                                          |
|                                                                                                                            |       |        | Hole bottomed at 47.5<br>Weight of hammer 140#<br>Drop Distance - 30"<br>Tide gage 2.1 @ 10:45 AM<br>Water depth 36.5<br>Tide gage 2.3 @ 4:50 P.M. |                 |                                                                     |                                                                                |