

|                                                                                           |  |  |                                                                        |  |                             |  |
|-------------------------------------------------------------------------------------------|--|--|------------------------------------------------------------------------|--|-----------------------------|--|
| 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                                                                              |  |  | Sta. 55700 Tide #1.3 @ 12:30 AM                                        |  |                             |  |
| 4. HOLE NO. (As shown on drawing title and file No.)                                      |  |  | 3. DRILLING AGENCY                                                     |  |                             |  |
| 6ST-13                                                                                    |  |  | U. S. Army Corps of Engineers                                          |  |                             |  |
| 6. DIRECTION OF HOLE                                                                      |  |  | 5. NAME OF DRILLER                                                     |  |                             |  |
| <input type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED DEGREES WITH VERTICAL |  |  | Eck                                                                    |  |                             |  |
| 10. SIZE AND TYPE OF BIT                                                                  |  |  | 7. THICKNESS OF OVER-BURDEN                                            |  | 9. TOTAL DEPTH OF HOLE 90.0 |  |
| Shelby Tube - 6"                                                                          |  |  | 11. DATUM FOR ELEVATION SHOWN (TBM or MSL)                             |  | 8. DEPTH DRILLED INTO ROCK  |  |
| 13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN                                                 |  |  | 14. TOTAL NO. CORE BOXES                                               |  | 15. ELEV. GROUND WATER      |  |
| DISTURBED 8 Jars                                                                          |  |  | UNDISTURBED 1 Cont                                                     |  | 16. DATE HOLE               |  |
| 17. ELEV. TOP OF HOLE                                                                     |  |  | 18. TOTAL CORE RECOVERY FOR BORING (%)                                 |  | 19. SIGNATURE OF INSPECTOR  |  |
| ELEVATION                                                                                 |  |  | REMARKS                                                                |  |                             |  |
| DEPTH                                                                                     |  |  | (Drilling time, water loss, depth of weathering, etc., if significant) |  |                             |  |
| LEGEND                                                                                    |  |  | CLASSIFICATION OF MATERIALS (Description)                              |  |                             |  |
| 0.0                                                                                       |  |  | 41.0                                                                   |  |                             |  |
| 41.0                                                                                      |  |  | 43.0                                                                   |  |                             |  |
| 1.3                                                                                       |  |  | 39.7                                                                   |  |                             |  |
| Water                                                                                     |  |  | 41.0-41.5 No count                                                     |  |                             |  |
| 41.5-42.0 8 blows                                                                         |  |  | Gray sand w/shell                                                      |  |                             |  |
| 42.0-42.5 15 blows                                                                        |  |  | Gray clay shell w/sand ? cl?                                           |  |                             |  |
| 43.0                                                                                      |  |  | 45.0                                                                   |  |                             |  |
| Gray and brown clay v/stiff sand w/some shell                                             |  |  | Jar 1                                                                  |  |                             |  |
| 45.0                                                                                      |  |  | 47.0                                                                   |  |                             |  |
| Gray sand w/some clay                                                                     |  |  | Cont. 1 Top 3.0 Bottom 3.75                                            |  |                             |  |
| 47.0                                                                                      |  |  | 48.0                                                                   |  |                             |  |
| Same as below                                                                             |  |  | Washed                                                                 |  |                             |  |
| 48.0                                                                                      |  |  | 50.0                                                                   |  |                             |  |
| 48.0-48.5 No count                                                                        |  |  | 49.0-49.5 50 blows                                                     |  |                             |  |
| 49.0-49.5 50 blows                                                                        |  |  | Gray sand trace of clay                                                |  |                             |  |
| 50.0                                                                                      |  |  | 53.0                                                                   |  |                             |  |
| Same as above                                                                             |  |  | Washed                                                                 |  |                             |  |
| 53.0                                                                                      |  |  | 55.0                                                                   |  |                             |  |
| 53.0-53.5 No count                                                                        |  |  | 53.5-54.0 38 blows                                                     |  |                             |  |
| 54.0-54.5 43 blows                                                                        |  |  | Gray sand, med fine                                                    |  |                             |  |
| 55.0                                                                                      |  |  | 58.0                                                                   |  |                             |  |
| Same as above                                                                             |  |  | Washed                                                                 |  |                             |  |
| 58.0                                                                                      |  |  | 60.0                                                                   |  |                             |  |
| 58.0-58.5 No count                                                                        |  |  | 58.5-59.0 62 blows                                                     |  |                             |  |
| 59.0-59.5 refusal                                                                         |  |  | Gray and brown sand v/fine                                             |  |                             |  |
| 60.0                                                                                      |  |  | 63.0                                                                   |  |                             |  |
| Same as above                                                                             |  |  | Washed                                                                 |  |                             |  |
| 63.0                                                                                      |  |  | 65.0                                                                   |  |                             |  |
| 63.0-63.5 No count                                                                        |  |  | 63.5-64.0 refusal                                                      |  |                             |  |
| 64.0-64.5 refusal                                                                         |  |  | Brown and gray sand                                                    |  |                             |  |
| 65.0                                                                                      |  |  | 68.0                                                                   |  |                             |  |
| Same as below                                                                             |  |  | Washed                                                                 |  |                             |  |
| 68.0                                                                                      |  |  | 70.0                                                                   |  |                             |  |
| 68.0-68.5 No count                                                                        |  |  | 68.5-69.0 33 blows                                                     |  |                             |  |
| 69.0-69.5 48 blows                                                                        |  |  | Gray sand w/clay seams                                                 |  |                             |  |
| 70.0                                                                                      |  |  | 73.0                                                                   |  |                             |  |
| Same as below                                                                             |  |  | Washed                                                                 |  |                             |  |
| 73.0                                                                                      |  |  | 75.0                                                                   |  |                             |  |
| 73.0-73.5 No count                                                                        |  |  | 73.5-74.0 20 blows                                                     |  |                             |  |
| 74.0-74.5 10 blows                                                                        |  |  | Gray sand w/shell fragment                                             |  |                             |  |
| 75.0                                                                                      |  |  | 78.0                                                                   |  |                             |  |
| Same as below                                                                             |  |  | Washed                                                                 |  |                             |  |