

| DRILLING LOG                                                                                                      |            | DIVISION<br>Southwestern |                                                           | INSTALLATION<br>Galv Dist, Eng Div         |                              | SHEET<br>OF SHEETS                                                                        |             |
|-------------------------------------------------------------------------------------------------------------------|------------|--------------------------|-----------------------------------------------------------|--------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------|-------------|
| 1. PROJECT<br>Neches River - Channel to Evadale                                                                   |            |                          |                                                           | 10. SIZE AND TYPE OF BIT                   |                              |                                                                                           |             |
| 2. LOCATION (Coordinates or Station)                                                                              |            |                          |                                                           | 11. DATUM FOR ELEVATION SHOWN (TBM or MSL) |                              |                                                                                           |             |
| 3. DRILLING AGENCY<br>U. S. Army Corps of Engineers                                                               |            |                          |                                                           | 12. MANUFACTURER'S DESIGNATION OF DRILL    |                              |                                                                                           |             |
| 4. HOLE NO. (As shown on drawing title and file number)<br>HA-22                                                  |            |                          |                                                           | 13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN |                              | DISTURBED<br>3 Jars                                                                       | UNDISTURBED |
| 5. NAME OF DRILLER<br>Curtis                                                                                      |            |                          |                                                           | 14. TOTAL NUMBER CORE BOXES                |                              |                                                                                           |             |
| 6. DIRECTION OF HOLE<br><input type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED _____ DEG. FROM VERT. |            |                          |                                                           | 15. ELEVATION GROUND WATER                 |                              | 16. DATE HOLE<br>23 Feb                                                                   |             |
| 7. THICKNESS OF OVERBURDEN                                                                                        |            |                          |                                                           | 17. ELEVATION TOP OF HOLE                  |                              | COMPLETED<br>23 Feb 1966                                                                  |             |
| 8. DEPTH DRILLED INTO ROCK                                                                                        |            |                          |                                                           | 18. TOTAL CORE RECOVERY FOR BORING %       |                              |                                                                                           |             |
| 9. TOTAL DEPTH OF HOLE<br>16.0                                                                                    |            |                          |                                                           | 19. SIGNATURE OF INSPECTOR                 |                              |                                                                                           |             |
| ELEVATION<br>a                                                                                                    | DEPTH<br>b | LEGEND<br>c              | CLASSIFICATION OF MATERIALS<br>(Description)<br>d         | % CORE<br>RECOV-<br>ERY<br>e               | BOX OR<br>SAMPLE<br>NO.<br>f | REMARKS<br>(Drilling time, water loss, depth of<br>weathering, etc., if significant)<br>g |             |
| 0.0                                                                                                               | 3.0        |                          | Brown fine sand                                           |                                            |                              | Jar 1                                                                                     |             |
| 3.0                                                                                                               | 7.0        |                          | Light brown sand, medium                                  |                                            |                              | Jar 2                                                                                     |             |
| 7.0                                                                                                               | 13.0       |                          | Brown gray sandy clay, stiff                              |                                            |                              | Jar 3                                                                                     |             |
| 13.0                                                                                                              | 16.0       |                          | Gray coarse sand, unable to<br>pickup sample w/chip Auger |                                            |                              | No sample                                                                                 |             |
|                                                                                                                   |            |                          | BOTTOMED                                                  |                                            |                              |                                                                                           |             |
|                                                                                                                   |            |                          | Water depth on 3ST-21 11.0                                |                                            |                              |                                                                                           |             |
|                                                                                                                   |            |                          | Bank 5.0                                                  |                                            |                              |                                                                                           |             |
|                                                                                                                   |            |                          | HA-22 water - 3.8                                         |                                            |                              |                                                                                           |             |
|                                                                                                                   |            |                          | Caved in at 3.8                                           |                                            |                              |                                                                                           |             |

PROJECT: Neches River

LOCATION: Channel to Evadale

## TEST DATA SUMMARY

BORING NO. HA-22

DATE DRILLED 23 Feb 1966

[illegible]

| KEY: | CONSISTENCY -- COHESIVE SOILS |      |        |       |            |      | CONSISTENCY -- COHESIONLESS SOILS |       |        |       |            |
|------|-------------------------------|------|--------|-------|------------|------|-----------------------------------|-------|--------|-------|------------|
|      | VS                            | S    | M      | ST    | VST        | H    | VL                                | L     | M      | D     | VD         |
|      | Very Soft                     | Soft | Medium | Stiff | Very Stiff | Hard | Very Loose                        | Loose | Medium | Dense | Very Dense |

(1) Tons/Sq.Ft. Unconfined Compressive Strength  
(2) Split Barrel Sampler  
(3) Acc. Wt. Rtn'd  $\div$  Init. Wt.  $\times$  100 = % Rtn'd.

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