Hole No. 3ST-13

| DRILLING LOG | DIVISION | INSTALLATION | SHEET |
|---|---|---|---|
| | Southwestern | Galv Dist, Eng Div | OF SHEETS |

1. PROJECT: Neches River - Channel to Evadale
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-13
5. NAME OF DRILLER: Curtis
6. DIRECTION OF HOLE: ☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.
7. THICKNESS OF OVERBURDEN:
8. DEPTH DRILLED INTO ROCK:
9. TOTAL DEPTH OF HOLE: 35.0
10. SIZE AND TYPE OF BIT:
11. DATUM FOR ELEVATION SHOWN (TBM or MSL):
12. MANUFACTURER'S DESIGNATION OF DRILL:
13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN: DISTURBED 7 Jars; UNDISTURBED:
14. TOTAL NUMBER CORE BOXES:
15. ELEVATION GROUND WATER:
16. DATE HOLE: STARTED 16 Feb; COMPLETED 16 Feb 1966
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 | 6.0 | | Water | | | |
| 6.0 | 8.0 | | Brown fine sand w/clay layer, w/roots | | | Jar 1 |
| 8.0 | 10.0 | | Brown medium sand | | | Jar 2 |
| 10.0 | 12.0 | | Same as above | | | No sample |
| 21.0 | 14.0 | | Brown coarse sand<br>12.0-12.5 Seat pent<br>12.5-13.0 4 blows<br>13.0-13.5 5 blows<br>13.5-14.0 Hold sample | | | Jar 3 |
| 14.0 | 18.0 | | Same as below | | | No sample |
| 18.0 | 20.0 | | Gray corase sand<br>18.0-18.5 Seat pent<br>18.5-19.0 28 blows<br>19.0-19.5 20 blows<br>19.5-20.0 Hold sample | | | Jar 4 |
| 20.0 | 23.0 | | Same as above | | | Washed |
| 23.0 | 25.0 | | Gray sand<br>23.0-23.5 No count<br>23.5-24.0 2 blows<br>24.0-24.5 12 blows<br>24.5-25.0 No count | | | Washed sample<br>Jar 5 |
| 25.0 | 27.0 | | Same as below | | | Washed |
| 27.0 | 30.0 | | Gray sand, medium<br>Washed sample, unable to drive, due to cave in | | | Jar 6 |
| 30.0 | 35.0 | | Gray sand, fine washed sample, unable to drive due to cave in<br><br>BOTTOMED | | | Jar 7 |

SWG Form 267(C)
28 Jan 1965

PROJECT: Neches River

LOCATION: Channel to Evadale

TEST DATA SUMMARY

BORING NO. 35T-13

DATE DRILLED 16 Feb 1965

| FIELD NO. | DEPTH | CLASSIFICATION<br>ELEVATION TOP BORING _____ | SYMBOL | CONSISTENCY | POCKET (1) PENETROMETER | STAN. PENET. BLOWS/FT (2) | MOISTURE CONTENT % | DRY DENSITY p. c. f. | L.L. | P.L. | BAR L.S. | SIEVE ANALYSIS<br>PERCENT<br>GRVL | SAND | FINES | INIT. WT. | ACC. WT. RTND. SIEVE NO. (3)<br>NO. 4 | NO. 10 | NO. 40 | NO. 200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0-6 | Water | | | | | | | | | | | | | | | | | |
| J-1 | 6-8 | Brown silty sand 6-8 | SM | | | | 28.1 | | | | 0.0 | 0 | 80 | 20 | 50 | 0 | 0 | 0 | 40 |
| J-2 | 8-10 | Brown sand 8-30 | SP | | | | 27.9 | | | | | | | | | | | | |
| X | 10-12 | | | | | | | (48) | | | | | | | | | | | |
| J-3 | 12-14 | | | M | | 9 | 27.3 | | | | | | | | | | | | |
| X | 14-18 | | | | | | | | | | | | | | | | | | |
| J-4 | 18-20 | | | VD | | 48 | 21.7 | | | | 0.0 | 0 | 100 | 0 | 50 | 0 | 0 | 9 | 50 |
| X | 20-23 | | | | | | | | | | | | | | | | | | |
| J-5 | 23-25 | | | D | | 14 | 26.6 | (23) | | | | | | | | | | | |
| X | 25-27 | | | | | | | | | | | | | | | | | | |
| J-6 | 27-30 | | | | | | 20.0 | | | | | | | | | | | | |
| J-7 | 30-35 | Tan silty sand 30-35 | SM | | | | 26.0 | | | | 0.0 | 0 | 92 | 8 | 50 | 0 | 0 | 4 | 46 |

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

(1) Tons/Sq.Ft. Unconfined Compressive Strength
(2) Split Barrel Sampler
(3) Acc. Wt. Rtnd ÷ Init. Wt. x 100 = % Rtnd.

BORING NO. 35T-13