TE - 122
600 - 11 - 64

MICROFILMED
DEC 2 1 1964

CUY- 480 - 18.43 PT. 1

20
33

15
28

LOG OF BORING

Hammer Type: 140 Dia: 1 3/8"
Casing Length: Dia:
Station & Offset: 1026+45, 100' Rt.
Water Elev.:
Surface Elev.: 595.0'

| Elev. | Depth | Sht. Pen. (N) | Rec. Ft. | Loss Ft. | Description | Sample No. | % Agg. | % C.S. | % F.S. | % Silt | % Clay | L.L. | P.I. | W.C. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 595.0 | 0 | | | | Brown and Gray Silt | 1 | 0 | 0 | 1 | 76 | 23 | NP | NP | 29 |
| 594.5 | 2 | 2/3 | | | Brown and Gray Sandy Silt, Trace of Organic | 2 | 0 | 17 | 7 | 45 | 31 | 30 | 9 | 45 |
| 590.0 | 6 | 1/1 | | | Grayish-Brown Organic Clay | 3 | 0 | 11 | 21 | 54 | 14 | NP | NP | 48 |
| 589.5 | 10 | 1* (1.0') | | | Grayish-Brown Silty Sand, Slightly Organic | 4 | 0 | 1 | 78 | 15 | 6 | NP | NP | 18 |
| 585.0 | 12 | 1/1 | | | Grayish-Brown Silty Sand | 5 | 0 | 1 | 65 | 21 | 13 | - | - | 18 |
| 584.5 | 16 | 1/1 | | | Grayish-Brown Silty Sand | 6 | 54 | 9 | 19 | 13 | 5 | NP | NP | 14 |
| 580.0 | 18 | 8/9 | | | Grayish-Brown Silty Sandy Gravel | 7 | 63 | 11 | 12 | -14- | | NP | NP | 15 |
| 579.5 | 20 | 10/6 | | | Gray Silty Sandy Gravel | 8 | 18 | 4 | 7 | 27 | 44 | 30 | 14 | 28 |
| 575.0 | 24 | 8/25 | | | Gray Gravelly Clay | 9 | 22 | 3 | 4 | 27 | 44 | 30 | 12 | 29 |
| 570.0 | 26 | 12/25 | | | Gray Gravelly Clay | | | | | | | | | |
| 570.0 | 28 | | | | | | | | | | | | | |
| 570.0 | 30 | 8/24 | | | Gray Silt and Clay | 10 | 5 | 2 | 4 | 38 | 51 | 30 | 12 | 30 |
| 570.0 | 34 | 6/13 | | | Gray Silt and Clay | 11 | 9 | 4 | 4 | 33 | 50 | 32 | 13 | 32 |
| 565.0 | 36 | | | | | | | | | | | | | |
| 565.0 | 40 | 9/10 | | | Gray Clayey Silt | 12 | 0 | 1 | 51 | 48 | 26 | 8 | 22 | |
| 560.0 | 44 | 6/7 | | | Gray Silty Clay | 13 | 0 | 1 | 28 | 70 | 40 | 18 | 26 | |
| 560.0 | 46 | | | | | | | | | | | | | |
| 555.0 | 48 | 5/6 | | | Gray Silt | 14 | 0 | 0 | 50 | 26 | 24 | 6 | 24 | |
| 555.0 | 50 | | | | | | | | | | | | | |
| 550.0 | 52 | 6/12 | | | Gray Silt and Clay | 15 | 0 | 0 | 38 | 62 | 31 | 11 | 26 | |
| 550.0 | 56 | | | | | | | | | | | | | |
| 545.0 | 58 | 9/10 | | | Gray Silt and Clay | 16 | 0 | 1 | 2 | 40 | 57 | 29 | 11 | 29 |
| 545.0 | 60 | | | | | | | | | | | | | |
| 540.0 | 62 | 6/7 | | | Gray Silt and Clay | 17 | 0 | 0 | 0 | 49 | 51 | 28 | 11 | 22 |
| 540.0 | 66 | | | | | | | | | | | | | |
| 535.0 | 68 | 6/7 | | | Gray Silt and Clay | 18 | 0 | 0 | 14 | 57 | 29 | NP | NP | 16 |
| 535.0 | 70 | | | | | | | | | | | | | |
| 530.0 | 72 | 6/7 | | | Gray Silt | 19 | 0 | 0 | 3 | 71 | 26 | NP | NP | 22 |
| 530.0 | 74 | | | | | | | | | | | | | |
| 525.0 | 76 | 8/8 | | | Gray Silt | 20 | 0 | 0 | 2 | 65 | 33 | NP | NP | 25 |
| 525.0 | 80 | | | | | | | | | | | | | |
| 520.0 | 82 | 6/7 | | | Gray Silt | 21 | 0 | 0 | 1 | 64 | 35 | NP | NP | 15 |
| 520.0 | 84 | | | | | | | | | | | | | |
| 515.0 | 86 | 6/7 | | | Gray Silt and Clay | 22 | 8 | 3 | 7 | 40 | 42 | 26 | 11 | 27 |
| 515.0 | 90 | | | | | | | | | | | | | |
| 510.0 | 92 | 6/7 | | | Gray Silt and Clay | 23 | 0 | 2 | 10 | 50 | 38 | NP | NP | 25 |
| 510.0 | 94 | | | | | | | | | | | | | |
| 505.0 | 96 | 8/8 | | | Gray Silt | 24 | 0 | 0 | 4 | 83 | 13 | NP | NP | 23 |
| 505.0 | 98 | | | | | | | | | | | | | |
| 500.0 | 100 | 9/12 | | | Gray Silt | 25 | 0 | 1 | 1 | 71 | 27 | NP | NP | 25 |
| 500.0 | 102 | | | | | | | | | | | | | |
| 495.0 | 104 | 9/15 | | | Gray Silt | 26 | 0 | 5 | 15 | 50 | 30 | 21 | 4 | 16 |
| 495.0 | 106 | | | | | | | | | | | | | |
| 490.0 | 108 | 25/36 | | | Gray Silt | 27 | 6 | 2 | 5 | 43 | 44 | 27 | 11 | 18 |
| 490.0 | 110 | | | | | | | | | | | | | |
| 485.0 | 112 | 10/35 | | | Gray Silt and Clay | 28 | 0 | 4 | 5 | 39 | 52 | 25 | 11 | 16 |
| 485.0 | 114 | | | | | | | | | | | | | |
| 480.0 | 116 | 17/23 | | | Gray Silt and Clay | 29 | 0 | 3 | 5 | 56 | 36 | 32 | 11 | 17 |
| 480.0 | 118 | | | | | | | | | | | | | |
| 475.0 | 120 | 20/33 | | | Gray Silt and Clay | 30 | 0 | 2 | 2 | 41 | 55 | 31 | 11 | 19 |
| 475.0 | 122 | | | | | | | | | | | | | |
| 470.0 | 124 | 20/31 | | | Gray Silt and Clay | 31 | 9 | 3 | 4 | 33 | 51 | 32 | 13 | 19 |
| 470.0 | 126 | | | | | | | | | | | | | |
| 465.0 | 128 | 20/31 | | | Gray Silt and Clay | 32 | 0 | 0 | 1 | 32 | 67 | 37 | 10 | 20 |
| 465.0 | 130 | | | | | | | | | | | | | |
| 460.0 | 132 | 9/20 | | | Gray Silt and Clay | 33 | 0 | 0 | 4 | 43 | 57 | 32 | 11 | 28 |
| 460.0 | 134 | | | | | | | | | | | | | |
| 455.0 | 136 | 15/22 | | | Gray Silt and Clay | 34 | 0 | 0 | 0 | 35 | 65 | 38 | 15 | 24 |
| 455.0 | 138 | | | | | | | | | | | | | |
| 450.0 | 140 | 8/12 | | | Gray Silt and Clay | 35 | 0 | 0 | 2 | 33 | 65 | 36 | 14 | 22 |
| 450.0 | 142 | | | | | | | | | | | | | |
| 445.0 | 144 | 6/9 | | | Gray Silt and Clay | | | | | | | | | |
| 445.0 | 146 | | | | | | | | | | | | | |
| 440.0 | 148 | | | | | | | | | | | | | |
| 440.0 | 150 | | | | | | | | | | | | | |
| 435.0 | 152 | | | | | | | | | | | | | |
| 435.0 | 154 | | | | | | | | | | | | | |
| 430.0 | 156 | | | | | | | | | | | | | |
| 430.0 | 158 | | | | | | | | | | | | | |
| 425.0 | 160 | | | | | | | | | | | | | |

Date Started 8-3-65
Date Completed 8-3-65
Boring No. B-10

Revised 8/23/68

OHIO DEPARTMENT OF HIGHWAYS
TESTING LABORATORY
1620 WEST BROAD STREET COLUMBUS 23, OHIO

STRUCTURE FOUNDATION INVESTIGATION
BRIDGE NO. CUY-IR 80-1843 L/R
OVER CUYAHOGA RIVER VALLEY
CUY-IR 80-18.43

BORING DATA B-10

LOGGED BY: A J
CHECKED BY: R D R
REVIEWED BY:
DATE: