



SOIL BORING LOG

SCI No. 2004-3089.51
Page 1 of 1
Date 10/09/12

ROUTE FAP 312 DESCRIPTION Waterloo Bypass - Noise Wall Boring LOGGED BY SCI (JAS)
SECTION 68-WRS-1 LOCATION SW 1/4 of the SE 1/4, SEC. 25, TWP. 2S, RNG. 10W
COUNTY Monroe DRILLING METHOD CME 55 w/HSA HAMMER TYPE Automatic

| STRUCT. NO. Station | BORING NO. Station Offset Ground Surface Elev. | DEPTH (ft) | BLOW COUNT (/6") | UNCONSOLIDATED QU (tsf) | MOISTURE CONTENT (%) | Surface Water Elev. | Stream Bed Elev. | Groundwater Elev.: | | | | | | | | | |
|---|---|---------------|------------------------|-------------------------------|----------------------------|---------------------|------------------|--------------------|-----------------|-------|------|--------|--------|--------|--|--|--|
| | | | | | | N/A ft | N/A ft | First Encounter | Upon Completion | After | Hrs. | N/A ft | N/A ft | N/A ft | | | |
| FILL: Brown, silty clay, trace sand, roots, crushed rock, and asphalt shingle [A-6] Becomes gray, with iron stains | | | | | | | | | | | | | | | | | |
| | | | 2 | | | | | | | | | | | | | | |
| | | | 2 | <0.25 | 27 | | | | | | | | | | | | |
| SILTY CLAY: Gray, trace iron nodules and fine sand [A-6] | | | | | | | | | | | | | | | | | |
| | | | 1 | <0.25 | 31 | | | | | | | | | | | | |
| | | | 1 | | | | | | | | | | | | | | |
| | | | 3 | 1.4 | 26 | | | | | | | | | | | | |
| | | | 3 | | | | | | | | | | | | | | |
| CLAY: Gray, trace sand and iron nodules [A-7] | | | | | | | | | | | | | | | | | |
| | | | 2 | | | | | | | | | | | | | | |
| | | | 3 | 2.4 | 22 | | | | | | | | | | | | |
| | | | 3 | | | | | | | | | | | | | | |
| Boring terminated at 10.0 ft. | | | | | | | | | | | | | | | | | |
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The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)



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|--|---|---------------|------------------------|-------------------------------|----------------------------|---------------------|------------------|--------------------|-----------------|-------|------|--------|--------|--------|--|--|--|
| | | | | | | N/A ft | N/A ft | First Encounter | Upon Completion | After | Hrs. | N/A ft | N/A ft | N/A ft | | | |
| FILL: Dark brown, silty clay, trace crushed rock [A-6] | | | | | | | | | | | | | | | | | |
| | | | 2 | | | | | | | | | | | | | | |
| | | | 3 | 1.5 | 25 | | | | | | | | | | | | |
| | | | 4 | S/15 | | | | | | | | | | | | | |
| SILTY CLAY: Gray, with iron nodules, trace fine sand and roots [A-6] | | | | | | | | | | | | | | | | | |
| | | | 2 | | | | | | | | | | | | | | |
| | | | 3 | 1.7 | 25 | | | | | | | | | | | | |
| | | | 4 | S/20 | | | | | | | | | | | | | |
| CLAY: Gray, trace fine sand and iron stains [A-7] | | | | | | | | | | | | | | | | | |
| | | | 1 | | | | | | | | | | | | | | |
| | | | 2 | 2.6 | 20 | | | | | | | | | | | | |
| | | | 5 | B | | | | | | | | | | | | | |
| Trace gravel | | | | | | | | | | | | | | | | | |
| | | | 2 | | | | | | | | | | | | | | |
| | | | 3 | 3.0 | 21 | | | | | | | | | | | | |
| | | | 5 | B | | | | | | | | | | | | | |
| Trace shale fragments | | | | | | | | | | | | | | | | | |
| | | | 2 | | | | | | | | | | | | | | |
| | | | 4 | 2.6 | 20 | | | | | | | | | | | | |
| | | | 6 | B | | | | | | | | | | | | | |
| Boring terminated at 15.0 ft. | | | | | | | | | | | | | | | | | |
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LAST SAVED = 1/23/2013 12:00:42 PM
PEN TABLE = 1/23/2013 12:00:42 PM
PLOT DRIVER = pdfplotlayers.ctb

| | | | |
|--|-----------------------|------------------------|-----------|
| FILE NAME = J:\10011000\Phase II - 76817\Cad\5\Plans\NoiseWall-76817.dgn | USER NAME = eJagemann | DESIGNED E.M. Lagemann | REVISED - |
| | | DRAWN E.M. Lagemann | REVISED - |
| | | CHECKED K.L. Hayes | REVISED - |
| | | DATE 12/14/12 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



BORING LOGS
NOISEWALL

| | | | | |
|---------------------------|------------------|---------------|------------------|---------------|
| F.A.P. RTE. 312 | SECTION 68-WRS-1 | COUNTY MONROE | TOTAL SHEETS 760 | SHEET NO. 456 |
| CONTRACT NO. 76817 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

SCALE: SHEET NO. 4 OF 10 SHEETS STA. 2032+00.00 TO STA. 2041+00.00