BRAUN INTERTEC

# LOG OF BORING

**Braun Project CR-13-03987**
**Geotechnical Evaluation**
**I-80 & I-380/US 218 Interchange**
**Johnson County**
**Coralville, Iowa**

BORING: **BR2756**

LOCATION: Station 8549+03, Lt. 19

DRILLER: B.Oldenberg | METHOD: 3 1/4" HSA, Autohammer | DATE: **10/19/16** | SCALE: **1" = 3.8'**

(See Descriptive Terminology sheet for explanation of abbreviations)

| Elev. feet | Depth feet | ASTM Symbol | Description of Materials (ASTM D2488 or D2487) | BPF | WL | MC % | Tests or Notes |
|---|---|---|---|---|---|---|---|
| 744.4 | 0.0 | FILL | FILL: Lean Clay with Sand, trace Gravel, brown and gray, moist | | | | |
| | | | | 3-4-7 (11) | | | |
| | | | | 3-4-4 (8) | | 21 | LL= 36, PL= 21, PI= 15 |
| | | | | 2-2-4 (8) | | | |
| | | | | 4-6-8 (14) | | 21 | LL= 32, PL= 20, PI= 12 |
| | | | | 3-4-6 (10) | | | |
| 715.9 | 28.5 | CL | SANDY LEAN CLAY, trace Gravel, dark gray, moist, rather stiff to very stiff (Glacial Till) | 5-6-8 (14) | | | |

DRAFT

LOG OF BORING-DRAFT N:\GINT\PROJECTS\CEDARRAPIDS\2013\03987.GPJ BRAUN_V8_CURRENT.GDT 12/9/16 15:50

BRAUN INTERTEC

# LOG OF BORING

**Braun Project CR-13-03987**
**Geotechnical Evaluation**
**I-80 & I-380/US 218 Interchange**
**Johnson County**
**Coralville, Iowa**

BORING: **BR2756 (cont.)**
LOCATION: Station 8549+03, Lt. 19

DRILLER: B.Oldenberg | METHOD: 3 1/4" HSA, Autohammer | DATE: **10/19/16** | SCALE: **1" = 3.8'**

(See Descriptive Terminology sheet for explanation of abbreviations)

| Elev. feet 714.4 | Depth feet 30.0 | ASTM Symbol | Description of Materials (ASTM D2488 or D2487) | BPF | WL | MC % | Tests or Notes |
|---|---|---|---|---|---|---|---|
| | | | SANDY LEAN CLAY, trace Gravel, dark gray, moist, rather stiff to very stiff (Glacial Till) *(continued)* | | | | |
| | | | | 5-7-10 (17) | | | |
| | | | | 4-7-10 (17) | | 16 | LL= 31, PL= 14, PI= 17 P200= 57% |
| | | | | 13-13-16 (29) | | | |
| | | | | 5-6-9 (15) | | | |
| | | | | 4-6-10 (16) | | | |
| | | | | 4-5-7 (12) | | | |

DRAFT

LOG OF BORING-DRAFT N:\GINT\PROJECTS\CEDARRAPIDS\2013\03987.GPJ BRAUN_V8_CURRENT.GDT 12/9/16 15:50

BRAUN INTERTEC

# LOG OF BORING

**Braun Project CR-13-03987**
**Geotechnical Evaluation**
**I-80 & I-380/US 218 Interchange**
**Johnson County**
**Coralville, Iowa**

BORING: **BR2756 (cont.)**
LOCATION: Station 8549+03, Lt. 19

DRILLER: B.Oldenberg | METHOD: 3 1/4" HSA, Autohammer | DATE: **10/19/16** | SCALE: **1" = 3.8'**

(See Descriptive Terminology sheet for explanation of abbreviations)

| Elev. feet | Depth feet | ASTM Symbol | Description of Materials (ASTM D2488 or D2487) | BPF | WL | MC % | Tests or Notes |
|---|---|---|---|---|---|---|---|
| 684.4 | 60.0 | | SANDY LEAN CLAY, trace Gravel, dark gray, moist, rather stiff to very stiff (Glacial Till) *(continued)* | | | | |
| | | | | 5-7-8 (15) | | | |
| | | | | 5-6-11 (17) | | | |
| | | | | 5-7-11 (18) | | | |
| | | | | 5-8-12 (20) | | | |
| 662.4 | 82.0 | | | | | | |
| | | ML | SANDY SILT, dark brown, moist, hard (Glacial Lacustrine) | 15-33-66 (99) | | 56 | LL= NA, PL= NP, PI= NP<br>P200= 50% |
| 657.4 | 87.0 | | | | | | |
| | | SP-SM | POORLY GRADED SAND with SILT and GRAVEL, fine-grained, gray, moist to wet, very dense (Glacial Outwash) | 18-30-56 (86) | | | |

DRAFT

LOG OF BORING-DRAFT N:\GINT\PROJECTS\CEDARRAPIDS\2013\03987.GPJ BRAUN_V8_CURRENT.GDT 12/9/16 15:50

BRAUN INTERTEC

# LOG OF BORING

**Braun Project CR-13-03987**
**Geotechnical Evaluation**
**I-80 & I-380/US 218 Interchange**
**Johnson County**
**Coralville, Iowa**

BORING: **BR2756 (cont.)**
LOCATION: Station 8549+03, Lt. 19

DRILLER: B.Oldenberg | METHOD: 3 1/4" HSA, Autohammer | DATE: **10/19/16** | SCALE: **1" = 3.8'**

(See Descriptive Terminology sheet for explanation of abbreviations)

| Elev. feet | Depth feet | ASTM Symbol | Description of Materials (ASTM D2488 or D2487) | BPF | WL | MC % | Tests or Notes |
|---|---|---|---|---|---|---|---|
| 654.4 | 90.0 | | POORLY GRADED SAND with SILT and GRAVEL, fine-grained, gray, moist to wet, very dense (Glacial Outwash) *(continued)* | | | | |
| | | | | 27-41-39 (80) | | 18 | LL= NA, PL= NP, PI= NP<br>P200= 12% |
| | | | | 12-9-10 (19) | | | No recovery |
| 642.4 | 102.0 | | | | | | |
| | | SM | SILTY SAND, trace Gravel, fine-grained, gray, moist to wet, very dense (Residuum) | 58-62-37 (99) | | | |
| 638.4 | 106.0 | | | | | | |
| | | LS | Highly weathered LIMESTONE (Bedrock) | | | | |
| 637.3 | 107.1 | | AUGER REFUSAL. | 100/1" | | | |
| | | | Water level obscured due to mud rotary drilling method. | | | | |
| | | | Boring then backfilled. | | | | |

DRAFT

LOG OF BORING-DRAFT N:\GINT\PROJECTS\CEDARRAPIDS\2013\03987.GPJ BRAUN_V8_CURRENT.GDT 12/9/16 15:50