



Illinois Department
of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 7/6/10

ROUTE FAP 711 (US 136) DESCRIPTION Box Culvert 1 Mile East of Potomac on US 136 LOGGED BY CNA

SECTION 115 CR LOCATION SE, SEC. 2, TWP. 21N, RNG. 13W, 2nd PM GPS:

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 092-8082
Station 272+79

BORING NO. 1 SE Boring
Station 273+05
Offset 14.0 ft Rt.
Ground Surface Elev. 663.1 ft

| DEPTH (ft) | DIAMETER (ft) | UCS (tsf) | MOISTURE (%) | DEPTH (ft) | DIAMETER (ft) | UCS (tsf) | MOISTURE (%) |
|------------|---------------|-----------|--------------|------------|---------------|-----------|--------------|
| 0 | | | | 0 | | | |
| 2 | | 0.8 | 26 | 2 | | | |
| 3 | | B | | 3 | | | |
| 3 | | | | 3 | | | |
| 4 | | | | 4 | | | |
| 1 | | | | 1 | | | |
| 1 | | | | 1 | | | |
| 1 | | | | 1 | | | |
| 2 | | | | 2 | | | |
| 1 | | | | 1 | | | |
| 3 | | | | 3 | | | |
| 2 | | | | 2 | | | |
| 4 | | | | 4 | | | |
| 3 | | | | 3 | | | |
| 9 | | | | 9 | | | |
| 18 | | | | 18 | | | |
| 27 | | | | 27 | | | |

Surface Water Elev. 663.6 ft
Stream Bed Elev. 655.7 ft
Groundwater Elev.:
First Encounter 652.6 ft
Upon Completion Wash Bored ft
After Hrs. Hrs.

Gray Poorly Sorted Coarse Sand & Gravel
Gray Clay Loam Till
End of Boring

7/2/2010 1:18:59 PM S:\SOILS\BORING LOGS\VERMILION CMT\092-8082.GPJ

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N Value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

| | | | |
|--|----------------------|----------------|-----------|
| FILE NAME = | USER NAME = shererjm | DESIGNED - JMS | REVISED - |
| ct:\pw\work\pwwdot\shererjm\d0189007\0570617-sht-Details.dgn | | DRAWN - JMS | REVISED - |
| PLOT SCALE = 40.0000 / IN. | | CHECKED - | REVISED - |
| PLOT DATE = 1/31/2011 | | DATE - 031210 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS
PROPOSED SN 092-8087

SCALE: N/A SHEET NO. 9 OF 9 SHEETS STA. TO STA.

| | | | | |
|---------------------------|---------|-----------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 711 | 115CR | VERMILION | 39 | 27 |
| CONTRACT NO. 70617 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |