



Mn/DOT Soil Log Report

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Project Number 4006-35 **TH TH 60** **Blue Earth County**

Borehole 7001 **Sta.** RP 115.982 **Off.** **Chain Name**
Driller GUNDERSON **Unit #** 96248 **Water Depth** **Refusal Depth**
Date Drilled 10/9/2019 **X:** 615034.7870 **Y:** 213538.8050 **ELEV:**

Borehole Comments , Loc=Shldr-outside , LaneDir=EB

Top - Bottom : Description

- 0.00 - 1.00 : LS&G nonpl brn firm moist Nonorg
- 1.00 - 3.00 : SCL F pl brn-gry firm moist Nonorg
- 3.00 - 5.00 : SiCL F pl blk firm moist org
- 5.00 - 6.00 : SCL F pl blk soft wet org
- 6.00 - 8.00 : SC F pl gry-grn firm moist Nonorg
- 8.00 - 12.00 : SiCL F pl blk soft wet org Sample-3.6
- 15.00 - 15.00 : 615031.832 213541.208 933.589
- 12.00 - 15.00 : SC F slpl gry Vsoft wet Nonorg

Borehole 7002 **Sta.** RP 118.2016 **Off.** **Chain Name**
Driller GUNDERSON **Unit #** 96248 **Water Depth** **Refusal Depth**
Date Drilled 10/9/2019 **X:** 616309.3160 **Y:** 226114.0460 **ELEV:**

Borehole Comments , Loc=Shldr-outside , LaneDir=EB

Top - Bottom : Description

- 0.00 - 2.00 : LS&G nonpl brn firm moist Nonorg
- 2.00 - 6.50 : SiCL pl brn-gry stiff moist Nonorg
- 6.50 - 7.50 : SCL pl brn-gry soft wet Nonorg
- 7.50 - 10.00 : SC pl brn soft wet Nonorg
- 15.00 - 15.00 : 616307.322 226120.701 947.092
- 10.00 - 15.00 : CL pl brn-gry Vsoft sat Nonorg Sample-MOTTELD AT 14

Borehole 7003 **Sta.** RP 118.360 **Off.** **Chain Name**
Driller GUNDERSON **Unit #** 96248 **Water Depth** **Refusal Depth**
Date Drilled 10/9/2019 **X:** 616301.7480 **Y:** 226956.8660 **ELEV:**

Borehole Comments , Loc=Shldr-outside , LaneDir=EB

Top - Bottom : Description

- 0.00 - 2.00 : LS&G nonpl brn firm moist Nonorg
- 2.00 - 5.00 : SiCL&OCC FG pl brn stiff moist Nonorg
- 5.00 - 6.00 : SiCL pl brn soft wet Nonorg
- 6.00 - 7.00 : CL pl gry firm moist Nonorg
- 7.00 - 11.00 : SL pl blk Vsoft sat org Sample-13.2% ORGANIC
- 11.00 - 15.00 : SC pl brn-gry Vsoft wet Nonorg
- 15.00 - 15.00 : 616303.131 226959.926 922.423

Borehole 7004 **Sta.** RP 119.008 **Off.** **Chain Name**
Driller GUNDERSON **Unit #** 96248 **Water Depth** **Refusal Depth**
Date Drilled 10/9/2019 **X:** 617435.6150 **Y:** 229755.8810 **ELEV:**

Borehole Comments , Loc=Shldr-outside , LaneDir=EB

Top - Bottom : Description

- 0.00 - 0.70 : BIT
- 0.70 - 1.50 : LS&G nonpl brn firm moist Nonorg
- 1.50 - 7.00 : SiCL pl brn firm moist Nonorg
- 7.00 - 10.00 : SiCL&OCC FG pl brn-gry soft moist
- 10.00 - 11.00 : SC pl gry firm moist Nonorg
- 11.00 - 15.00 : peat nonpl brn Vsoft moist Horg Sample-26.2% Organic
- 15.00 - 15.00 : 617456.063 229766.316 931.419

Borehole 7005 **Sta.** RP 102.746 **Off.** **Chain Name**
Driller GUNDERSON **Unit #** 96248 **Water Depth** **Refusal Depth**
Date Drilled 10/9/2019 **X:** 626378.6520 **Y:** 230411.5410 **ELEV:**
Borehole Comments , Loc=Shldr-outside , LaneDir=EB
Top - Bottom : Description
0.00 - 1.00 : LS&G nonpl brn firm moist Nonorg
1.00 - 4.00 : SCL pl brn stiff moist Nonorg
4.00 - 5.00 : SC pl gry firm moist Nonorg
5.00 - 7.00 : SC pl brn soft wet
7.00 - 11.00 : SC pl gry firm moist Nonorg
11.00 - 12.00 : peat nonpl brn Vsoft wet Horg
12.00 - 15.00 : L nonpl blk Vsoft sat Horg
15.00 - 15.00 : 626377.094 230412.514 924.498

Borehole 7006 **Sta.** RP 123.455 **Off.** **Chain Name**
Driller GUNDERSON **Unit #** 96248 **Water Depth** **Refusal Depth**
Date Drilled 10/9/2019 **X:** 640221.3070 **Y:** 229961.2760 **ELEV:**
Borehole Comments , Loc=Shldr-outside , LaneDir=EB
Top - Bottom : Description
0.00 - 2.00 : LS&G nonpl brn firm moist Nonorg
2.00 - 10.00 : SCL pl brn-gry firm moist Nonorg
10.00 - 11.50 : peat nonpl brn Vsoft wet Horg
11.50 - 15.00 : SL slpl blk Vsoft sat
15.00 - 15.00 : 640225.788 229965.614 927.733

Borehole 7007 **Sta.** RP 124.0925 **Off.** **Chain Name**
Driller GUNDERSON **Unit #** 96248 **Water Depth** **Refusal Depth**
Date Drilled 10/9/2019 **X:** 643631.7190 **Y:** 229993.7650 **ELEV:**
Borehole Comments , Loc=Shldr-outside , LaneDir=EB
Top - Bottom : Description
0.00 - 1.50 : LS&G nonpl brn stiff moist Nonorg
1.50 - 4.00 : SCL pl brn firm moist Nonorg
4.00 - 4.50 : BIT
4.50 - 6.00 : SL slpl blk Vsoft wet org
6.00 - 8.00 : CL pl blk firm moist Slorg
8.00 - 13.00 : SCL pl brn soft wet Nonorg
13.00 - 15.00 : SCL hpl brn-gry firm moist Nonorg
15.00 - 15.00 : 643638.258 229989.704 970.890

Borehole 7008 **Sta.** RP 124.809 **Off.** **Chain Name**
Driller GUNDERSON **Unit #** 96248 **Water Depth** **Refusal Depth**
Date Drilled 10/9/2019 **X:** 647313.7250 **Y:** 229176.1640 **ELEV:**
Borehole Comments , Loc=Shldr-outside , LaneDir=EB
Top - Bottom : Description
0.00 - 1.50 : LS&G nonpl brn stiff moist Nonorg
1.50 - 5.00 : SCL pl gry stiff moist Nonorg
5.00 - 9.00 : SiCL pl dkbrn soft wet Nonorg
9.00 - 15.00 : SC hpl gry soft wet
15.00 - 15.00 : 647310.565 229179.765 965.021

Borehole 7009 **Sta.** RP 127.439 **Off.** **Chain Name**
Driller GUNDERSON **Unit #** 96248 **Water Depth** **Refusal Depth**
Date Drilled 10/9/2019 **X:** 660926.8770 **Y:** 228072.5460 **ELEV:**
Borehole Comments , Loc=RTL , LaneDir=EB
Top - Bottom : Description
0.00 - 0.90 : BIT
0.90 - 1.50 : LS&G nonpl brn firm moist Nonorg
1.50 - 7.50 : SCL pl brn firm moist Nonorg
7.50 - 11.00 : SL nonpl blk Vsoft wet org Sample-20.5% Organic
11.00 - 13.00 : SCL pl brn-gry soft wet Nonorg
15.00 - 15.00 : 660929.779 228065.474 930.520
13.00 - 15.00 : SC nonpl gry Vsoft sat Nonorg

Borehole 7010 **Sta.** RP 127.629 **Off.** **Chain Name**
Driller GUNDERSON **Unit #** 96248 **Water Depth** **Refusal Depth**
Date Drilled 10/9/2019 **X:** 661911.2770 **Y:** 227847.5410 **ELEV:**
Borehole Comments , Loc=Shldr-outside , LaneDir=EB
Top - Bottom : Description
0.00 - 1.50 : LS&G nonpl brn firm moist Nonorg
1.50 - 8.50 : SCL pl brn firm moist Nonorg
8.50 - 10.00 : SC slpl gry Vsoft sat Nonorg
10.00 - 13.00 : L nonpl blk Vsoft sat MUCK
13.00 - 15.00 : SL nonpl blk Vsoft sat org

Borehole 7011 **Sta.** RP 128.147 **Off.** **Chain Name**
Driller GUNDERSON **Unit #** 96248 **Water Depth** **Refusal Depth**
Date Drilled 10/9/2019 **X:** 664606.0310 **Y:** 227502.4980 **ELEV:**
Borehole Comments , Loc=Shldr-outside , LaneDir=EB
Top - Bottom : Description
0.00 - 1.00 : LS&G nonpl brn firm moist Nonorg
1.00 - 5.00 : SCL pl brn stiff moist Nonorg
5.00 - 10.00 : SCL pl gry firm moist Nonorg
10.00 - 15.00 : SiCL pl gry firm moist Nonorg

Borehole 7012 **Sta.** RP 128.860 **Off.** **Chain Name**
Driller GUNDERSON **Unit #** 96248 **Water Depth** **Refusal Depth**
Date Drilled 10/9/2019 **X:** 668382.0900 **Y:** 227551.5980 **ELEV:**
Borehole Comments , Loc=Shldr-outside , LaneDir=EB
Top - Bottom : Description
0.00 - 1.00 : LS&G nonpl brn-gry firm moist Nonorg
1.00 - 5.00 : SiCL&OCC FG pl brn-gry firm moist Nonorg
7.00 - 7.00 : SCL pl dkbrn soft wet
5.00 - 7.00 : SiCL pl gry soft wet Nonorg
7.00 - 11.00 : CL pl dkbrn firm moist Nonorg
11.00 - 13.00 : SCL pl gry firm moist Nonorg
13.00 - 15.00 : SC slpl gry Vsoft sat Nonorg W/SAND SEAMS
15.00 - 15.00 : 668385.566 227555.064 966.397

Borehole 7013 **Sta.** RP 129.114 **Off.** **Chain Name**
Driller GUNDERSON **Unit #** 96248 **Water Depth** **Refusal Depth**
Date Drilled 10/9/2019 **X:** 669684.9910 **Y:** 227542.0170 **ELEV:**
Borehole Comments , Loc=Shldr-outside , LaneDir=EB
Top - Bottom : Description
0.00 - 1.50 : LS&G nonpl brn firm moist Nonorg
1.50 - 9.00 : SCL pl brn-gry firm moist Nonorg
9.00 - 10.00 : Si nonpl blk Vsoft dry Horg
15.00 - 15.00 : 669685.928 227541.358 961.660
10.00 - 15.00 : L nonpl blk Vsoft sat org

Borehole 7014 **Sta.** RP 130.638 **Off.** **Chain Name**
Driller GUNDERSON **Unit #** 96248 **Water Depth** **Refusal Depth**
Date Drilled 10/9/2019 **X:** 677717.0570 **Y:** 227564.2450 **ELEV:**
Borehole Comments , Loc=Shldr-outside , LaneDir=EB
Top - Bottom : Description
0.00 - 1.00 : LS&G nonpl brn firm moist Nonorg
1.00 - 5.00 : SCL pl brn stiff moist Nonorg
5.00 - 12.00 : SC pl brn firm moist Nonorg
15.00 - 15.00 : 677713.327 227567.416 961.044
12.00 - 15.00 : SC pl dkbrn soft wet Nonorg

Borehole 7015 **Sta.** RP 130.888 **Off.** **Chain Name**
Driller GUNDERSON **Unit #** 96248 **Water Depth** **Refusal Depth**
Date Drilled 10/9/2019 **X:** 678829.5520 **Y:** 228208.9380 **ELEV:**
Borehole Comments , Loc=Shldr-outside , LaneDir=EB
Top - Bottom : Description
0.00 - 1.00 : LS&G nonpl brn firm moist Nonorg
1.00 - 8.00 : SCL pl brn stiff moist Nonorg
8.00 - 15.00 : SC pl gry soft wet Nonorg
15.00 - 15.00 : 678833.291 228199.753 958.900

Borehole 7016 **Sta.** RP 131.310 **Off.** **Chain Name**
Driller GUNDERSON **Unit #** 96248 **Water Depth** **Refusal Depth**
Date Drilled 10/9/2019 **X:** 680051.0010 **Y:** 230081.2570 **ELEV:**
Borehole Comments , Loc=Shldr-outside , LaneDir=WB
Top - Bottom : Description
0.00 - 1.50 : LS&G nonpl brn firm moist Nonorg
1.50 - 10.00 : SCL pl brn firm moist
10.00 - 10.50 : SC hpl dkbrn soft wet
15.00 - 15.00 : 680045.899 230078.569 971.107
10.50 - 15.00 : SC hpl gry firm moist

Borehole 7017 **Sta.** RP 119.819 **Off.** **Chain Name**
Driller GUNDERSON **Unit #** 96248 **Water Depth** **Refusal Depth**
Date Drilled 10/9/2019 **X:** 621616.1980 **Y:** 229866.3320 **ELEV:**
Borehole Comments , Loc=Shldr-outside , LaneDir=WB
Top - Bottom : Description
0.00 - 2.00 : LS&G nonpl brn firm moist Nonorg
2.00 - 5.00 : SCL pl dkgrn firm moist Nonorg
5.00 - 7.00 : SC hpl gry-grn stiff moist Nonorg
7.00 - 10.00 : SC hpl dkbrn Vsoft wet Nonorg
10.00 - 13.00 : SC hpl gry Vsoft wet Nonorg
13.00 - 15.00 : SCL pl brn firm moist Nonorg
15.00 - 15.00 : 621614.537 229866.223 946.467

Borehole 7018 **Sta.** RP 118.418 **Off.** **Chain Name**
Driller GUNDERSON **Unit #** 96248 **Water Depth** **Refusal Depth**
Date Drilled 10/9/2019 **X:** 616261.8510 **Y:** 227285.6350 **ELEV:**

Borehole Comments , Loc=Shldr-outside , LaneDir=WB

Top - Bottom : Description

0.00 - 2.50 : LS&G nonpl brn firm moist Nonorg
2.50 - 6.00 : SCL pl brn firm moist Nonorg
6.00 - 8.50 : SC pl gry stiff moist Nonorg
8.50 - 10.50 : peat nonpl brn Vsoft moist Horg
10.50 - 13.00 : L nonpl gry-grn Vsoft sat
15.00 - 15.00 : 616260.009 227287.107 934.615
13.00 - 15.00 : SC pl gry Vsoft wet Nonorg