



Mn/DOT Soil's Log Report

N:\Soils\Field Data by TH\TH 64\2913-12\2913-12 All Cores & Borings.mdb

Project Number 2913-12 **TH 64** **Hubbard County**

Borehole 7000 **Sta.** 50.173 **Off.** 6.0 **Chain Name**
Driller Adam Brett **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 5/23/2016 **X:** 550286.8310 **Y:** 179051.7280 **ELEV:** 1308.0
Borehole Comments 5 feet s of culv , Loc=Driving Lane , LaneDir=NB
Top - Bottom : Description
0.00 - 1.00 : BIT
1.00 - 5.00 : S&FG brn damp s-1
5.00 - 20.00 : SL gry moist wet cr at 12.0

Borehole 7001 **Sta.** 50.165 **Off.** 6.0 **Chain Name**
Driller Adam Brett **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 5/23/2016 **X:** 550306.9570 **Y:** 179003.9360 **ELEV:** 1309.8
Borehole Comments 50 feet s of culv , Loc=Driving Lane , LaneDir=NB
Top - Bottom : Description
0.00 - 1.00 : BIT
1.00 - 7.00 : S&FG brn dry
7.00 - 9.00 : LS&FG dkbrn moist wet at 8.0
9.00 - 10.00 : SL gry wet

Borehole 7002 **Sta.** 50.155 **Off.** 6.0 **Chain Name**
Driller Adam Brett **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 5/23/2016 **X:** 550329.9640 **Y:** 178954.9830 **ELEV:** 1309.8
Borehole Comments 100 feet s of culv , Loc=Driving Lane , LaneDir=NB
Top - Bottom : Description
0.00 - 0.80 : BIT
0.80 - 5.00 : S&FG brn damp

Borehole 7003 **Sta.** 50.189 **Off.** -6.0 **Chain Name**
Driller Adam Brett **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 5/23/2016 **X:** 550258.3070 **Y:** 179069.2950 **ELEV:** 1302.4
Borehole Comments 5 feet n of culv , Loc=Driving Lane , LaneDir=SB
Top - Bottom : Description
0.00 - 1.00 : BIT
1.00 - 5.00 : LS&FG brn moist rock refusal

Borehole 7004 **Sta.** 50.190 **Off.** -6.0 **Chain Name**
Driller Adam Brett **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 5/23/2016 **X:** 550253.1880 **Y:** 179076.2970 **ELEV:** 1307.4
Borehole Comments 5 feet n of culv , Loc=Driving Lane , LaneDir=SB
Top - Bottom : Description
0.00 - 1.00 : BIT
1.00 - 3.00 : S&FG brn damp
3.00 - 5.00 : LS&FG brn damp
5.00 - 20.00 : SL gry wet sat at 17.0

Borehole 7005 **Sta.** 50.198 **Off.** -6.0 **Chain Name**
Driller Adam Brett **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 5/23/2016 **X:** 550235.6080 **Y:** 179119.2010 **ELEV:** 1308.0
Borehole Comments 50 feet n of culv , Loc=Driving Lane , LaneDir=SB
Top - Bottom : Description
0.00 - 1.00 : BIT
1.00 - 5.00 : LS&FG brn damp
5.00 - 10.00 : SL gry moist s-2

Borehole 7006 **Sta.** 50.208 **Off.** -6.0 **Chain Name**
Driller Adam Brett **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 5/23/2016 **X:** 550208.6850 **Y:** 179168.5580 **ELEV:** 1311.2
Borehole Comments 100 feet n of culv , Loc=Driving Lane , LaneDir=SB
Top - Bottom : Description
0.00 - 0.90 : BIT
0.90 - 5.00 : LS&FG brn damp

Borehole 7007 **Sta.** 50.072 **Off.** 6.0 **Chain Name**
Driller Brett Steve **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 10/29/2019 **X:** 550497.1260 **Y:** 178555.6250 **ELEV:** 1313.6
Borehole Comments , Loc=Driving Lane , LaneDir=NB
Top - Bottom : Description
0.00 - 0.70 : BIT
0.70 - 1.50 : LS&FG ltbrn damp
1.50 - 5.00 : LS ltbrn damp

Borehole 7008 **Sta.** 50.084 **Off.** 16.0 **Chain Name**
Driller Brett Steve **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 10/29/2019 **X:** 550480.7910 **Y:** 178621.5060 **ELEV:** 1313.0
Borehole Comments , Loc=Rt. Turn Lane , LaneDir=NB
Top - Bottom : Description
0.00 - 0.35 : BIT
0.35 - 5.00 : LS&FG brn damp dkbrn at 3.0

Borehole 7009 **Sta.** 50.145 **Off.** 14.0 **Chain Name**
Driller Brett Steve **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 10/29/2019 **X:** 550355.8610 **Y:** 178916.9550 **ELEV:** 1311.0
Borehole Comments , Loc=Shoulder , LaneDir=NB
Top - Bottom : Description
0.00 - 0.30 : BIT
0.30 - 1.50 : LS&FG brn damp
1.50 - 5.00 : S&FG ltbrn damp

Borehole 7010 **Sta.** 50.217 **Off.** 6.0 **Chain Name**
Driller Brett Steve **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 10/29/2019 **X:** 550175.2100 **Y:** 179258.3480 **ELEV:** 1310.9
Borehole Comments , Loc=Driving Lane , LaneDir=NB
Top - Bottom : Description
0.00 - 0.90 : BIT
0.90 - 5.00 : LS&FG brn damp

Borehole 7011 **Sta.** 50.230 **Off.** 15.0 **Chain Name**
Driller Brett Steve **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 10/29/2019 **X:** 550149.2900 **Y:** 179321.3430 **ELEV:** 1316.9
Borehole Comments , Loc=Shoulder , LaneDir=NB
Top - Bottom : Description
0.00 - 0.30 : BIT
0.30 - 5.00 : LS&FG brn damp

Borehole 7012 **Sta.** 50.230 **Off.** 15.0 **Chain Name**
Driller Brett Steve **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 10/29/2019 **X:** 549974.7780 **Y:** 179572.1420 **ELEV:** 1314.9
Borehole Comments , Loc=Shoulder , LaneDir=NB
Top - Bottom : Description
0.00 - 0.30 : BIT
0.30 - 1.75 : LS&FG dkbrn damp
1.75 - 5.00 : SL spl brn damp

Borehole 7013 **Sta.** 50.298 **Off.** 6.0 **Chain Name**
Driller Brett Steve **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 10/29/2019 **X:** 549932.8920 **Y:** 179612.4180 **ELEV:** 1320.9
Borehole Comments , Loc=Driving Lane , LaneDir=NB
Top - Bottom : Description
0.00 - 0.70 : BIT
0.70 - 5.00 : LS&FG ltbrn damp

Borehole 7014 **Sta.** 50.251 **Off.** -6.0 **Chain Name**
Driller Brett Steve **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 10/29/2019 **X:** 550056.1980 **Y:** 179417.8850 **ELEV:** 1312.4
Borehole Comments , Loc=Driving Lane , LaneDir=SB
Top - Bottom : Description
0.00 - 0.80 : BIT
0.80 - 5.00 : LS&FG ltbrn damp

Borehole 7015 **Sta.** 50.242 **Off.** -16.0 **Chain Name**
Driller Brett Steve **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 10/29/2019 **X:** 550077.2760 **Y:** 179368.9340 **ELEV:** 1314.3
Borehole Comments , Loc=Shoulder , LaneDir=SB
Top - Bottom : Description
0.00 - 0.35 : BIT
0.35 - 5.00 : LS&FG ltbrn damp

Borehole 7016 **Sta.** 50.219 **Off.** -16.0 **Chain Name**
Driller Brett Steve **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 10/29/2019 **X:** 550164.6770 **Y:** 179223.5730 **ELEV:** 1309.8
Borehole Comments , Loc=Shoulder , LaneDir=SB
Top - Bottom : Description
0.00 - 0.30 : BIT
0.30 - 5.00 : LS&FG brn damp

Borehole 7017 **Sta.** 50.121 **Off.** -16.0 **Chain Name**
Driller Brett Steve **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 10/29/2019 **X:** 550366.5980 **Y:** 178804.2400 **ELEV:** 1308.3
Borehole Comments , Loc=Shoulder , LaneDir=SB
Top - Bottom : Description
0.00 - 0.30 : BIT
0.30 - 5.00 : LS&FG brn damp

Borehole 7018 **Sta.** 50.105 **Off.** -6.0 **Chain Name**
Driller Brett Steve **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 10/29/2019 **X:** 550404.0700 **Y:** 178740.2690 **ELEV:** 1309.9
Borehole Comments , Loc=Driving Lane , LaneDir=SB
Top - Bottom : Description
0.00 - 0.80 : BIT
0.80 - 5.00 : LS&FG brn damp

Borehole 7907 **Sta.** 50.067 **Off.** 13.0 **Chain Name**
Driller Brett Steve **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 10/29/2019 **X:** 550510.3820 **Y:** 178546.2480 **ELEV:** 0.0
Borehole Comments , Loc:Shoulder, Lane Dir:NB, Rd Cond:
Top - Bottom : Description
0.00 - 0.61 : BIT Soild

Borehole 7908 **Sta.** 50.127 **Off.** 13.0 **Chain Name**
Driller Brett Steve **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 10/29/2019 **X:** 550388.0020 **Y:** 178835.6000 **ELEV:** 0.0
Borehole Comments , Loc:Shoulder, Lane Dir:NB, Rd Cond:
Top - Bottom : Description
0.00 - 0.40 : BIT Solid w/voids

Borehole 7909 **Sta.** 50.204 **Off.** 13.0 **Chain Name**
Driller Brett Steve **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 10/29/2019 **X:** 550213.2730 **Y:** 179208.4040 **ELEV:** 0.0
Borehole Comments , Loc:Shoulder, Lane Dir:NB, Rd Cond:
Top - Bottom : Description
0.00 - 0.29 : BIT Soild

Borehole 7910 **Sta.** 50.222 **Off.** -14.0 **Chain Name**
Driller Brett Steve **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 10/29/2019 **X:** 550125.8760 **Y:** 179295.4300 **ELEV:** 0.0
Borehole Comments , Loc:Shoulder, Lane Dir:SB, Rd Cond:
Top - Bottom : Description
0.00 - 0.29 : BIT Soild

Borehole 7911 **Sta.** 50.176 **Off.** -14.0 **Chain Name**
Driller Brett Steve **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 10/29/2019 **X:** 550243.4800 **Y:** 179082.7470 **ELEV:** 0.0
Borehole Comments , Loc:Shoulder, Lane Dir:SB, Rd Cond:
Top - Bottom : Description
0.00 - 0.40 : BIT sl Stripped

Borehole 7912 **Sta.** 50.141 **Off.** -13.0 **Chain Name**
Driller Brett Steve **Unit #** 215007 **Water Depth** **Refusal Depth**
Date Drilled 10/29/2019 **X:** 550325.2710 **Y:** 178921.1140 **ELEV:** 0.0
Borehole Comments , Loc:Shoulder, Lane Dir:SB, Rd Cond:
Top - Bottom : Description
0.00 - 0.33 : BIT Soild