

800001

County Todd
Quad Burtrum
Quad ID 177C

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING REPORT
Minnesota Statutes Chapter 1031

Entry Date 08/14/2013
Update Date 10/13/2014
Received Date 06/17/2014

Well Name BERSCHEIT,					Township 127	Range 32	Dir W	Section 17	Subsection DDBBCC	Well Depth 61 ft.				Depth Completed 60 ft.				Date Well Completed 08/23/2013																																													
Elevation 1229					Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary				Drill Fluid Bentonite																																																	
Address Well 30730 2 CR GREY EAGLE MN 56336										Use irrigation				Status Active																																																	
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>CLAY</td><td>0</td><td>22</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>22</td><td>32</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SAND & GRAVEL</td><td>32</td><td>34</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>34</td><td>38</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>SAND & GRAVEL</td><td>38</td><td>40</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>40</td><td>46</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>SAND & GRAVEL</td><td>46</td><td>59</td><td>BROWN</td><td>SOFT</td></tr><tr><td>ROCK</td><td>59</td><td>61</td><td>RED/BLK</td><td>HARD</td></tr><tr><td>CLAY</td><td>61</td><td>61</td><td>BROWN</td><td>MEDIUM</td></tr></table>										Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	22	BROWN	MEDIUM	CLAY	22	32	GRAY	MEDIUM	SAND & GRAVEL	32	34	BROWN	SOFT	CLAY	34	38	BROWN	MEDIUM	SAND & GRAVEL	38	40	BROWN	SOFT	CLAY	40	46	BROWN	MEDIUM	SAND & GRAVEL	46	59	BROWN	SOFT	ROCK	59	61	RED/BLK	HARD	CLAY	61	61	BROWN	MEDIUM	Well Hydrofractured? Yes ☐ No ☒ From To			
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Casing Type Single casing				Joint																																																											
Drive Shoe? Yes ☐ No ☒ Above/Below																																																															
Casing Diameter 6 in. To 50 ft. 3.69 lbs./ft.				Hole Diameter 11 in. To 60 ft.																																																											
Open Hole From ft. To ft.																																																															
Screen? ☒ Diameter 6 in. Slot/Gauze 60				Type stainless Length 10 ft. Make JOHNSON Set 50 ft. 60 ft.																																																											
Static Water Level 17 ft. land surface Measure 08/23/2013																																																															
Pumping Level (below land surface) 45.4 ft. 2.5 hrs. Pumping at 70 g.p.m.																																																															
Wellhead Completion Pitless adapter manufacturer Model ☐ Casing Protection ☒ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																																																															
Grouting Information Well Grouted? ☒ Yes ☐ No ☐ Not Specified Material Amount From To other 16 Sacks ft. 40 ft.																																																															
Nearest Known Source of Contamination 400 feet Southwes Direction Barnyard Type Well disinfected upon completion? ☒ Yes ☐ No																																																															
Pump ☒ Not Installed Date Installed Manufacturer's name Model Number HP Volt Length of drop pipe ft Capacity g.p. Typ																																																															
Abandoned Does property have any not in use and not sealed well(s)? ☐ Yes ☒ No																																																															
Variance Was a variance granted from the MDH for this well? ☐ Yes ☒ No																																																															
Miscellaneous First Bedrock Aquifer Quat. buried Last Strat clay-brown Depth to Bedrock ft Located by Minnesota Department of Health Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 365501 Y 5073880 Unique Number Verification Info/GPS from data Input Date 08/02/2013																																																															
Angled Drill Hole																																																															
Well Contractor Mark J Traut Wells, Inc. 1404 ROBBIE/BRUCE Licensee Business Lic. or Reg. No. Name of Driller																																																															

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