

772435

County Morrison
Quad Platte Lake
Quad ID 192B

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date 09/15/2010
Update Date 04/27/2011
Received Date 08/23/2010

Well Name MUELLER, Elevation 1270 Address C/W 26732 SYCAMORE RD HILLMAN MN 56338 Stratigraphy Information <table><thead><tr><th>Geological Material</th><th>From</th><th>To (ft.)</th><th>Color</th><th>Hardness</th></tr></thead><tbody><tr><td>SANDY CLAY</td><td>0</td><td>16</td><td></td><td>MEDIUM</td></tr><tr><td>GRAVEL</td><td>16</td><td>35</td><td></td><td>HARD</td></tr><tr><td>CLAY</td><td>35</td><td>55</td><td></td><td>HARD</td></tr><tr><td>SAND</td><td>55</td><td>58</td><td></td><td>SOFT</td></tr><tr><td>CLAY</td><td>58</td><td>120</td><td></td><td>HARD</td></tr><tr><td>WATER SAND</td><td>120</td><td>131</td><td></td><td>MEDIUM</td></tr></tbody></table>					Geological Material	From	To (ft.)	Color	Hardness	SANDY CLAY	0	16		MEDIUM	GRAVEL	16	35		HARD	CLAY	35	55		HARD	SAND	55	58		SOFT	CLAY	58	120		HARD	WATER SAND	120	131		MEDIUM	Well Depth 131 ft.		Depth Completed 131 ft.		Date Well Completed 08/07/2010	
Geological Material	From	To (ft.)	Color	Hardness																																									
SANDY CLAY	0	16		MEDIUM																																									
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WATER SAND	120	131		MEDIUM																																									
Drill Method Non-specified Rotary					Drill Fluid Bentonite																																								
Use domestic					Status Active																																								
Well Hydrofractured? Yes ☐ No ☒					From To																																								
Casing Type Single casing					Joint																																								
Drive Shoe? Yes ☐ No ☒					Above/Below																																								
Casing Diameter 4 in. To 126 ft. 2 lbs./ft.					Hole Diameter 8 in. To 131 ft.																																								
Open Hole From ft. To ft.																																													
Screen? ☒ Type plastic Make																																													
Diameter Slot/Gauze Length Set																																													
4 in. 20 5 ft. 126 ft. 131 ft.																																													
Static Water Level																																													
5 ft. land surface Measure 08/07/2010																																													
Pumping Level (below land surface)																																													
20 ft. 2 hrs. Pumping at 45 g.p.m.																																													
Wellhead Completion																																													
Pitless adapter manufacturer MONITOR Model SNAPPY																																													
☐ 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																																													
bentonite 4 Sacks ft. 50 ft.																																													
Nearest Known Source of Contamination																																													
80 feet South Direction Sewer Type																																													
Well disinfected upon completion? ☒ Yes ☐ No																																													
Pump ☐ Not Installed Date Installed 08/07/2010																																													
Manufacturer's name SCHAFFER																																													
Model Number SERIES V HP 0.5 Volt 220																																													
Length of drop pipe 15 ft Capacity 12 g.p. Typ Submersible																																													
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 sand Depth to Bedrock ft																																													
Located by Minnesota Department of Health																																													
Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or																																													
System UTM - NAD83, Zone 15, Meters X 431446 Y 5110973																																													
Unique Number Verification Info/GPS from data Input Date 09/28/2010																																													
Angled Drill Hole																																													
Well Contractor																																													
D and K Well and Pump 1669 OTTEN, D.																																													
Licensee Business Lic. or Reg. No. Name of Driller																																													