

810222

County Freeborn
Quad Myrtle
Quad ID 9C

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

Entry Date 10/20/2017
Update Date 11/10/2023
Received Date 08/04/2017

Well Name OQUIST,	Township 101	Range 20	Dir W	Section 26	Subsection DDBCCC	Well Depth 172 ft.	Depth Completed 172 ft.	Date Well Completed 07/18/2017																																																											
Elevation 1259	Elev. Method	LiDAR 1m DEM (MNDNR)				Drill Method Non-specified Rotary	Drill Fluid Bentonite																																																												
Address C/W 83760 110TH ST GLENVILLE MN 56039						Use domestic	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>TOPSOIL</td><td>0</td><td>1</td><td>BLACK</td><td>SOFT</td></tr><tr><td>SANDY CLAY</td><td>1</td><td>15</td><td>YELLOW</td><td>SOFT</td></tr><tr><td>CLAY</td><td>15</td><td>20</td><td>GRAY</td><td>SOFT</td></tr><tr><td>COARSE SAND,</td><td>20</td><td>35</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>35</td><td>50</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>CLAY, STICKY SHALE</td><td>50</td><td>60</td><td>GRAY</td><td>HARD</td></tr><tr><td>CLAY, SHALE</td><td>60</td><td>70</td><td>BLUE</td><td>SOFT</td></tr><tr><td>CLAY SHALE</td><td>70</td><td>90</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SANDY CLAY SHALE</td><td>90</td><td>105</td><td>BLUE</td><td>SOFT</td></tr><tr><td>COARSE SAND & CLAY</td><td>105</td><td>120</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>LIMESTONE</td><td>120</td><td>172</td><td>BRN/GRY</td><td>MEDIUM</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	TOPSOIL	0	1	BLACK	SOFT	SANDY CLAY	1	15	YELLOW	SOFT	CLAY	15	20	GRAY	SOFT	COARSE SAND,	20	35	GRAY	MEDIUM	CLAY	35	50	GRAY	MEDIUM	CLAY, STICKY SHALE	50	60	GRAY	HARD	CLAY, SHALE	60	70	BLUE	SOFT	CLAY SHALE	70	90	GRAY	MEDIUM	SANDY CLAY SHALE	90	105	BLUE	SOFT	COARSE SAND & CLAY	105	120	BROWN	MEDIUM	LIMESTONE	120	172	BRN/GRY	MEDIUM	Well Hydrofractured? Yes ☐ No ☒ From To	
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Casing Type Single casing	Joint Other																																																																		
Drive Shoe? Yes ☒ No ☐	Above/Below																																																																		
Casing Diameter 5 in. To 120 ft.	Weight lbs./ft.	Hole Diameter 9 in. To 120 ft.																																																																	
Open Hole From 120 ft. To 172 ft.	Screen? ☐	Type Make																																																																	
Static Water Level 45 ft. land surface Measure 07/18/2017																																																																			
Pumping Level (below land surface) 100 ft. 4 hrs. Pumping at 26 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 neat cement 9 Sacks ft. 120 ft.																																																																			
Nearest Known Source of Contamination 150 feet Northwes Direction Septic tank/drain field 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 Last Strat Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 484317 Y 4818125 Unique Number Verification Address verification Input Date 10/27/2023																																																																			
Angled Drill Hole																																																																			
Well Contractor Beemer Well Co. 46191 BENTZ, J Licensee Business Lic. or Reg. No. Name of Driller																																																																			