

580373

County Le Sueur
Quad Waterville
Quad ID 54A

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

Entry Date 03/10/2000
Update Date 04/24/2026
Received Date 04/20/2002

Well Name HERING, T.	Township 109	Range 23	Dir Section W 14	Subsection CDDDBC	Well Depth 295 ft.	Depth Completed 295 ft.	Date Well Completed 08/13/1999																														
Elevation 1118.8	Elev. Method LiDAR 1m DEM (MNDNR)	Drill Method Non-specified Rotary				Drill Fluid Bentonite																															
Address C/W RR 2 WATERVILLE MN 56056					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>CLAY</td><td>0</td><td>30</td><td>YELLOW</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>30</td><td>130</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>CLAY, SAND LAYERS</td><td>130</td><td>200</td><td>BLUE</td><td>HARD</td></tr><tr><td>CLAY</td><td>200</td><td>257</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>LIMESTONE</td><td>257</td><td>295</td><td>BRN/GRY</td><td>HARD</td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	30	YELLOW	MEDIUM	CLAY	30	130	BLUE	MEDIUM	CLAY, SAND LAYERS	130	200	BLUE	HARD	CLAY	200	257	BLUE	MEDIUM	LIMESTONE	257	295	BRN/GRY	HARD	Well Hydrofractured? Yes ☐ No ☐ From To		
					Geological Material	From	To (ft.)	Color	Hardness																												
					CLAY	0	30	YELLOW	MEDIUM																												
					CLAY	30	130	BLUE	MEDIUM																												
					CLAY, SAND LAYERS	130	200	BLUE	HARD																												
					CLAY	200	257	BLUE	MEDIUM																												
					LIMESTONE	257	295	BRN/GRY	HARD																												
					Casing Type Single casing ☐ Joint Threaded ☐																																
					Drive Shoe? Yes ☒ No ☐ Above/Below																																
					Casing Diameter 4 in. To 258 ft. 11 lbs./ft.																																
Hole Diameter 6 in. To 258 ft. 4 in. To 295 ft.																																					
Open Hole From 258 ft. To 295 ft.																																					
Screen? ☐ Type Make																																					
Static Water Level 110 ft. land surface Measure 08/13/1999																																					
Pumping Level (below land surface)																																					
Wellhead Completion Pitless adapter manufacturer MONITOR 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 high solids bentonite 7 Sacks 0 ft. 258 ft.																																					
Nearest Known Source of Contamination <u>120</u> feet <u>Northeas</u> Direction <u>Septic tank/drain field</u> Type Well disinfected upon completion? ☒ Yes ☐ No																																					
Pump ☐ Not Installed Date Installed Manufacturer's name Model Number HP 1 Volt 220 Length of drop pipe 144 ft Capacity 10 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 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 455558 Y 4898729 Unique Number Verification Tax Records Input Date 04/24/2026																																					
Angled Drill Hole																																					
Well Contractor Bemis Well Drilling 66198 BEMIS, M. Licensee Business Lic. or Reg. No. Name of Driller																																					