

853615

CountyWaseca
QuadSt Clair
Quad ID55D

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

Entry Date
Update Date09/23/2022
Received Date12/20/2021

Well Name KRUGER,	Township 107	Range 24	Dir W	Section 30	Subsection AABADA	Well Depth 170 ft.	Depth Completed 170 ft.	Date Well Completed 07/23/2021																																					
Elevation 1043	Elev. Method	LiDAR 1m DEM (MNDNR)				Drill Method Cable Tool	Drill Fluid Water																																						
Address C/W872 340TH AV JANESVILLE MN						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>TOP SOIL</td><td>0</td><td>2</td><td>BLACK</td><td>SOFT</td></tr><tr><td>CLAY</td><td>2</td><td>30</td><td>YELLOW</td><td>SOFT</td></tr><tr><td>CLAY</td><td>30</td><td>132</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SAND</td><td>132</td><td>140</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY AND SAND</td><td>140</td><td>162</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SAND</td><td>162</td><td>170</td><td>GRAY</td><td>SOFT</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	2	BLACK	SOFT	CLAY	2	30	YELLOW	SOFT	CLAY	30	132	GRAY	SOFT	SAND	132	140	GRAY	SOFT	CLAY AND SAND	140	162	GRAY	SOFT	SAND	162	170	GRAY	SOFT	Well Hydrofractured?	Yes ☐	No ☒	From	To
						Geological Material	From	To (ft.)	Color	Hardness																																			
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						SAND	162	170	GRAY	SOFT																																			
						Casing Type	Single casing		Joint																																				
						Drive Shoe?	Yes ☐	No ☐	Above/Below																																				
Casing Diameter	Weight		Hole Diameter																																										
5 in. To	165 ft.	15 lbs./ft.	5 in. To 170 ft.																																										
Open Hole						From	ft.	To	ft.																																				
Screen?	☒	Type	stainless	Make	JOHNSON																																								
Diameter	Slot/Gauze	Length	Set																																										
4 in.	10	5 ft.	165 ft.	170 ft.																																									
Static Water Level																																													
60 ft.	land surface		Measure		07/23/2021																																								
Pumping Level (below land surface)																																													
75 ft.	2 hrs.	Pumping at	30 g.p.m.																																										
Wellhead Completion																																													
Pitless adapter manufacturer						MONITOR	Model	QUICK																																					
☐ 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																																					
driven casing seal						10 Sacks	ft.	170 ft.																																					
Nearest Known Source of Contamination																																													
80 feet						West	Direction	Sewer	Type																																				
Well disinfected upon completion?						☒ Yes	☐ No																																						
Pump						☐ Not Installed	Date Installed	07/27/2021																																					
Manufacturer's name						GOULDS																																							
Model Number						10GS05	HP	0.5	Volt	230																																			
Length of drop pipe						80 ft	Capacity	15 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-gray	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	439865	Y	4877779																																			
Unique Number Verification						Site Plan	Input Date	02/04/2022																																					
Angled Drill Hole																																													
Well Contractor																																													
Denn Well Service, Inc.						1699	DENN, G																																						
Licensee Business						Lic. or Reg. No.	Name of Driller																																						

Minnesota Well Index Report

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Remarks