

670439

County Itasca
Quad La Prairie
Quad ID 272B

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

Entry Date 01/10/2003
Update Date 01/17/2025
Received Date 11/26/2002

Well Name KLEEFMAN,	Township 54	Range 25	Dir W	Section 24	Subsection CDDBAD	Well Depth 180 ft.	Depth Completed 180 ft.	Date Well Completed 10/16/2002																														
Elevation 1290	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Bentonite																															
Address C/W 18125 ROMAN RD GRAND RAPIDS MN 55744 Contact 18125 ROMANS RD GRAND RAPIDS MN 55744						Use domestic	Status Active																															
Stratigraphy Information						Well Hydrofractured? Yes ☐ No ☒	From To																															
<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>SAND</td><td>2</td><td>35</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY SAND</td><td>35</td><td>147</td><td>BLUE</td><td>SOFT</td></tr><tr><td>CLAY</td><td>147</td><td>170</td><td>BLUE</td><td>SOFT</td></tr><tr><td>SAND</td><td>170</td><td>180</td><td>BLUE</td><td>SOFT</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	2	BLACK	SOFT	SAND	2	35	BROWN	SOFT	CLAY SAND	35	147	BLUE	SOFT	CLAY	147	170	BLUE	SOFT	SAND	170	180	BLUE	SOFT	Casing Type Single casing	Joint Unknown	
Geological Material	From	To (ft.)	Color	Hardness																																		
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CLAY SAND	35	147	BLUE	SOFT																																		
CLAY	147	170	BLUE	SOFT																																		
SAND	170	180	BLUE	SOFT																																		
						Drive Shoe? Yes ☐ No ☒	Above/Below																															
						Casing Diameter 4 in. To 172 ft. 2.25 lbs./ft.	Weight	Hole Diameter 6.7 in. To 180 ft.																														
						Open Hole From ft. To ft.																																
						Screen? ☒	Type stainless	Make JOHNSON																														
						Diameter 4 in.	Slot/Gauze 5	Length 8 ft.																														
							Set 172 ft.	ft. 180 ft.																														
						Static Water Level 15 ft. null	Measure	10/16/2002																														
						Pumping Level (below land surface) 171 ft. 2 hrs. Pumping at 15 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 high solids bentonite 3 Sacks 0 ft. 30 ft.																																
						Nearest Known Source of Contamination 60 feet East Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No																																
						Pump ☐ Not Installed Date Installed 10/24/2001 Manufacturer's name GOULDS Model Number 10SB05-421 HP 0.5 Volt 115 Length of drop pipe 60 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 465038 Y 5220762 Unique Number Verification Tax Records Input Date 01/09/2025																																
						Angled Drill Hole																																
						Well Contractor Benes Well Co. 31009 BENES, R. & E Licensee Business Lic. or Reg. No. Name of Driller																																