

625299

County Beltrami
Quad Bemidji
Quad ID 302B

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

Entry Date12/06/1999

Update Date08/16/2024

Received Date

Well Name BEMIDJI	Township 146	Range 33	Dir W	Section 18	Subsection BCABAA																																																		
Elevation 1371	Elev. Method LiDAR 1m DEM (MNDNR)																																																						
Address Well2906 DIVISION ST W BEMIDJI MN 56601																																																							
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>TOP SOIL</td><td>0</td><td>1</td><td>BLACK</td><td></td></tr><tr><td>SAND & GRAVEL</td><td>1</td><td>34</td><td>BROWN</td><td></td></tr><tr><td>FINE SAND</td><td>34</td><td>51</td><td>GRAY</td><td></td></tr><tr><td>SANDY CLAY</td><td>51</td><td>96</td><td>GRAY</td><td></td></tr><tr><td>DIRTY SAND</td><td>96</td><td>101</td><td>GRAY</td><td></td></tr><tr><td>FINE SAND</td><td>101</td><td>137</td><td>GRAY</td><td></td></tr><tr><td>SAND</td><td>137</td><td>217</td><td>VARIED</td><td></td></tr><tr><td>GRAVEL & ROCK</td><td>217</td><td>240</td><td>VARIED</td><td></td></tr><tr><td>ROCK & CLAY</td><td>240</td><td>247</td><td>VARIED</td><td></td></tr></tbody></table>						Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	1	BLACK		SAND & GRAVEL	1	34	BROWN		FINE SAND	34	51	GRAY		SANDY CLAY	51	96	GRAY		DIRTY SAND	96	101	GRAY		FINE SAND	101	137	GRAY		SAND	137	217	VARIED		GRAVEL & ROCK	217	240	VARIED		ROCK & CLAY	240	247	VARIED	
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Well Depth 247 ft.																																																							
Depth Completed 240 ft.																																																							
Date Well Completed 08/31/1999																																																							
Drill Method Non-specified Rotary																																																							
Drill Fluid Bentonite																																																							
Use irrigation																																																							
Status Active																																																							
Well Hydrofractured? Yes☐ No☒ From To																																																							
Casing Type Single casing																																																							
Joint Welded																																																							
Drive Shoe? Yes☐ No☒ Above/Below																																																							
Casing Diameter 12 in. To																																																							
Weight 200 ft. 49.56 lbs./ft.																																																							
Hole Diameter 17. in. To 247 ft.																																																							
Open Hole From ft. To ft.																																																							
Screen? ☒																																																							
Type stainless																																																							
Make JOHNSON																																																							
Diameter 12 in.																																																							
Slot/Gauze 70																																																							
Length 40 ft.																																																							
Set 200 ft.																																																							
ft. 240 ft.																																																							
Static Water Level 7 ft. land surface Measure 08/31/1999																																																							
Pumping Level (below land surface) 65 ft. 24 hrs. Pumping at 800 g.p.m.																																																							
Wellhead Completion Pitless adapter manufacturer MAASS																																																							
Model																																																							
☐ Casing Protection ☒ 12 in. above grade																																																							
☐ At-grade (Environmental Wells and Borings ONLY)																																																							
Grouting Information Well Grouted? ☒ Yes ☐ No ☐ Not Specified																																																							
Material neat cement																																																							
Amount 7 Cubic yards																																																							
From 10 ft.																																																							
To 190 ft.																																																							
Nearest Known Source of Contamination feet Direction Type																																																							
Well disinfected upon completion? ☒ Yes ☐ No																																																							
Pump ☐ Not Installed Date Installed 08/31/1999																																																							
Manufacturer's name GOULDS																																																							
Model Number 7THC-4																																																							
HP 50																																																							
Volt 460																																																							
Length of drop pipe 105 ft																																																							
Capacity 600 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 pebbly sand/silt/clay																																																							
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 355028																																																							
Y 5258603																																																							
Unique Number Verification Site Plan																																																							
Input Date 03/28/2023																																																							
Angled Drill Hole																																																							
Well Contractor L.t.p. Enterprises, Inc. 91686 HEJTMANEK, D.																																																							
Licensee Business Lic. or Reg. No. Name of Driller																																																							