

765137

County Pennington
Quad Thief River
Quad ID 394B

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

Entry Date
Update Date 01/09/2020
Received Date 09/05/2008

Well Name SKINNER, MIKE	Township 154	Range 43	Dir Section W 27	Subsection DBCABC	Well Depth 144 ft.	Depth Completed 144 ft.	Date Well Completed 08/25/2006																														
Elevation 1126	Elev. Method LiDAR 1m DEM (MNDNR)	Drill Method Non-specified Rotary				Drill Fluid Bentonite																															
Address Well 1221 COLLEGE DR THIEF RIVER FALLS MN 56701					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>TOPSOIL</td><td>0</td><td>1</td><td>DARK</td><td>SOFT</td></tr><tr><td>CLAY</td><td>1</td><td>40</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY</td><td>40</td><td>125</td><td>GRAY</td><td>HARD</td></tr><tr><td>CLAY</td><td>125</td><td>137</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SAND</td><td>137</td><td>144</td><td>GRAY</td><td>SOFT</td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	TOPSOIL	0	1	DARK	SOFT	CLAY	1	40	GRAY	SOFT	CLAY	40	125	GRAY	HARD	CLAY	125	137	GRAY	SOFT	SAND	137	144	GRAY	SOFT	Casing Type Single casing Joint		
Geological Material	From	To (ft.)	Color	Hardness																																	
TOPSOIL	0	1	DARK	SOFT																																	
CLAY	1	40	GRAY	SOFT																																	
CLAY	40	125	GRAY	HARD																																	
CLAY	125	137	GRAY	SOFT																																	
SAND	137	144	GRAY	SOFT																																	
					Drive Shoe? Yes ☐ No ☐ Above/Below																																
					Casing Diameter Weight 4 in. To 136 ft. 1 lbs./ft.																																
					Open Hole From ft. To ft.																																
					Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 4 in. 10 8 ft. 136 ft. 144 ft.																																
					Static Water Level 27 ft. land surface Measure 08/25/2006																																
					Pumping Level (below land surface) 87 ft. 4 hrs. Pumping at 35 g.p.m.																																
					Wellhead Completion Pitless adapter manufacturer BAKER Model 4J ☐ 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 bentonite 3 Sacks ft. 30 ft.																																
					Nearest Known Source of Contamination <u>65</u> feet <u>West</u> Direction <u>Septic tank/drain field</u> Type Well disinfected upon completion? ☐ Yes ☐ No																																
					Pump ☐ Not Installed Date Installed Manufacturer's name STARITE Model Number <u>SP10</u> HP <u>0.5</u> Volt <u>230</u> Length of drop pipe <u>100</u> ft Capacity <u>10</u> g.p. Typ <u>Submersible</u>																																
					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 GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 264628 Y 5335364 Unique Number Verification Address verification Input Date 01/07/2020																																
					Angled Drill Hole																																
					Well Contractor Robert Davidson Well Co. 1410 DANIELSON, R. Licensee Business Lic. or Reg. No. Name of Driller																																