

593634

County Anoka
Quad Coon
Quad ID 120A

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

Entry Date 04/13/2000
Update Date 10/18/2006
Received Date 12/17/1999

Well Name 32 23 W 31 BAABCB					Well Depth 185 ft.					Depth Completed 182 ft.					Date Well Completed 08/25/1999																																																
Elevation 908 ft. Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary					Drill Fluid Bentonite																																																					
Address Well 501 140TH AV NE HAM LAKE MN 55304 Contact 13760 GOLDENROD ST NW ANDOVER MN 55304										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>SAND</td><td>0</td><td>65</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY</td><td>65</td><td>78</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>SAND & CLAY</td><td>78</td><td>112</td><td>BLUE</td><td>SOFT</td></tr><tr><td>CLAY & SAND</td><td>112</td><td>162</td><td>RED</td><td>MEDIUM</td></tr><tr><td>SAND</td><td>162</td><td>185</td><td>VARIED</td><td>SOFT</td></tr></table>										Geological Material	From	To (ft.)	Color	Hardness	SAND	0	65	GRAY	SOFT	CLAY	65	78	BLUE	MEDIUM	SAND & CLAY	78	112	BLUE	SOFT	CLAY & SAND	112	162	RED	MEDIUM	SAND	162	185	VARIED	SOFT	Casing Type Single casing Joint Threaded																							
Geological Material	From	To (ft.)	Color	Hardness																																																											
SAND	0	65	GRAY	SOFT																																																											
CLAY	65	78	BLUE	MEDIUM																																																											
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CLAY & SAND	112	162	RED	MEDIUM																																																											
SAND	162	185	VARIED	SOFT																																																											
										Drive Shoe? Yes ☐ No ☒ Above/Below																																																					
										<table><tr><td colspan="4">Casing Diameter</td><td colspan="4">Weight</td><td colspan="4">Hole Diameter</td></tr><tr><td>4</td><td>in.</td><td>To</td><td>179</td><td>ft.</td><td>10.79</td><td>lbs./ft.</td><td></td><td></td><td></td><td></td><td>9</td><td>in.</td><td>To</td><td>30</td><td>ft.</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>6</td><td>in.</td><td>To</td><td>182</td><td>ft.</td></tr></table>										Casing Diameter				Weight				Hole Diameter				4	in.	To	179	ft.	10.79	lbs./ft.					9	in.	To	30	ft.												6	in.	To	182	ft.
Casing Diameter				Weight				Hole Diameter																																																							
4	in.	To	179	ft.	10.79	lbs./ft.					9	in.	To	30	ft.																																																
											6	in.	To	182	ft.																																																
										Open Hole From ft. To ft.																																																					
										Screen? ☒ Type stainless Make JOHNSON 304																																																					
										<table><tr><td>Diameter</td><td>Slot/Gauze</td><td>Length</td><td>Set</td></tr><tr><td>4 in.</td><td>15</td><td>4 ft.</td><td>178 ft. 182 ft.</td></tr></table>										Diameter	Slot/Gauze	Length	Set	4 in.	15	4 ft.	178 ft. 182 ft.																																				
Diameter	Slot/Gauze	Length	Set																																																												
4 in.	15	4 ft.	178 ft. 182 ft.																																																												
										Static Water Level																																																					
										30 ft. land surface Measure 08/25/1999																																																					
										Pumping Level (below land surface)																																																					
										ft. hrs. Pumping at 25 g.p.m.																																																					
										Wellhead Completion																																																					
										Pitless adapter manufacturer BAKER Model SNAPPY																																																					
										☐ Casing Protection ☒ 12 in. above grade																																																					
										☐ At-grade (Environmental Wells and Borings ONLY)																																																					
										Grouting Information Well Grouted? ☒ Yes ☐ No ☐ Not Specified																																																					
										<table><tr><td>Material</td><td>Amount</td><td>From</td><td>To</td></tr><tr><td>high solids bentonite</td><td>3 Sacks</td><td>0 ft.</td><td>30 ft.</td></tr></table>										Material	Amount	From	To	high solids bentonite	3 Sacks	0 ft.	30 ft.																																				
Material	Amount	From	To																																																												
high solids bentonite	3 Sacks	0 ft.	30 ft.																																																												
										Nearest Known Source of Contamination																																																					
										50 feet West Direction Septic tank/drain field Type																																																					
										Well disinfected upon completion? ☒ Yes ☐ No																																																					
										Pump ☐ Not Installed Date Installed 09/03/1999																																																					
										Manufacturer's name GRUNDFOS																																																					
										Model Number 25S107 HP 1 Volt 230																																																					
										Length of drop pipe 84 ft Capacity 25 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 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 479766 Y 5008031																																																					
										Unique Number Verification Address verification Input Date 08/11/2006																																																					
										Angled Drill Hole																																																					
										Well Contractor																																																					
										Renner E.H. Well 71015 CLAUSON, A.																																																					
										Licensee Business Lic. or Reg. No. Name of Driller																																																					
Remarks																																																															