

517865

County Isanti
Quad St Francis
Quad ID 136A

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

Entry Date 04/30/1993
Update Date 06/10/2015
Received Date 12/03/1992

Well Name WELK,	Township 34	Range 24	Dir Section W 11	Subsection CADCDC	Well Depth 195 ft.	Depth Completed 195 ft.	Date Well Completed 10/20/1992																																				
Elevation 924 ft.	Elev. Method LiDAR 1m DEM (MNDNR)	Drill Method Driven				Drill Fluid Bentonite																																					
Address Well 26270 RUM RIVER DR NW ISANTI MN 55040					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>SAND</td><td>0</td><td>17</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>17</td><td>42</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>CLAY W/ GRAVEL</td><td>42</td><td>115</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>115</td><td>132</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SHALE</td><td>132</td><td>136</td><td>BLUE</td><td>SOFT</td></tr><tr><td>SAND ROCK -</td><td>136</td><td>195</td><td>BLU/GRN</td><td>HARD</td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	SAND	0	17	BROWN	SOFT	CLAY	17	42	BROWN	MEDIUM	CLAY W/ GRAVEL	42	115	BROWN	MEDIUM	CLAY	115	132	GRAY	MEDIUM	SHALE	132	136	BLUE	SOFT	SAND ROCK -	136	195	BLU/GRN	HARD	Well Hydrofractured? Yes ☐ No ☐ From To			
					Geological Material	From	To (ft.)	Color	Hardness																																		
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					Casing Type Single casing				Joint Threaded																																		
					Drive Shoe? Yes ☒ No ☐ Above/Below																																						
Casing Diameter 4 in. To 138 ft. 20 lbs./ft.				Hole Diameter 6.5 in. To 138 ft. 4 in. To 195 ft.																																							
Open Hole From 138 ft. To 195 ft.																																											
Screen? ☐ Type Make																																											
Static Water Level 20 ft. land surface Measure 10/20/1992																																											
Pumping Level (below land surface)																																											
Wellhead Completion Pitless adapter manufacturer WHITEWATER Model ☐ 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 0 ft. 138 ft.																																											
Nearest Known Source of Contamination <u>75</u> feet <u>Southwes</u> Direction <u>Septic tank/drain field</u> Type Well disinfected upon completion? ☐ Yes ☒ No																																											
Pump ☐ Not Installed Date Installed <u>11/02/1992</u> Manufacturer's name AERMOTOR Model Number <u>SD 1250</u> HP <u>0.5</u> Volt <u>220</u> Length of drop pipe <u>40</u> ft Capacity <u>12</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 Tunnel City Group Aquifer Tunnel City- Last Strat Tunnel City-Wonewoc Depth to Bedrock 132 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 476684 Y 5032549 Unique Number Verification Address verification Input Date 04/07/2015																																											
Angled Drill Hole																																											
Well Contractor Ruppert & Son 27086 RUPPERT, G. Licensee Business Lic. or Reg. No. Name of Driller																																											