

278816

County Rice
Quad Northfield
Quad ID 71B

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

Entry Date08/15/2017
Update Date07/06/2018
Received Date

Well Name CARLETON					Township 112	Range 19	Dir Section W 31	Subsection CADDDC	Well Depth 525.9 ft.	Depth Completed 525.9 ft.	Date Well Completed																																						
Elevation 938 ft.					Elev. Method		LiDAR 1m DEM (MNDNR)			Drill Method	Drill Fluid																																						
Address									Use vertical heat loop		Status Active																																						
									Well Hydrofractured?		Yes <input type="checkbox"/>	No <input type="checkbox"/>	From	To																																			
									Casing Type		Joint																																						
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>GLACIAL DRIFT</td><td>0</td><td>92</td><td></td><td></td></tr><tr><td>PRAIRIE DU</td><td>92</td><td>152</td><td></td><td></td></tr><tr><td>PRAIRIE DU</td><td>152</td><td>248</td><td></td><td></td></tr><tr><td>JORDAN SANDSTONE</td><td>248</td><td>342</td><td></td><td></td></tr><tr><td>ST. LAWRENCE</td><td>342</td><td>372</td><td></td><td></td></tr><tr><td>TUNNEL CITY</td><td>372</td><td>525</td><td></td><td></td></tr></table>									Geological Material	From	To (ft.)	Color	Hardness	GLACIAL DRIFT	0	92			PRAIRIE DU	92	152			PRAIRIE DU	152	248			JORDAN SANDSTONE	248	342			ST. LAWRENCE	342	372			TUNNEL CITY	372	525			Drive Shoe?		Yes <input type="checkbox"/>	No <input type="checkbox"/>	Above/Below	
									Geological Material	From	To (ft.)	Color	Hardness																																				
									GLACIAL DRIFT	0	92																																						
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									TUNNEL CITY	372	525																																						
									Casing Diameter		Weight																																						
									6 in. To		109 ft. lbs./ft.																																						
Open Hole		From		ft.		To		ft.																																									
Screen? <input type="checkbox"/>		Type		Make																																													
Static Water Level																																																	
Pumping Level (below land surface)																																																	
Wellhead Completion Pitless adapter manufacturer Model <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)																																																	
Grouting Information Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Specified																																																	
Nearest Known Source of Contamination feet Direction Type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No																																																	
Pump <input type="checkbox"/> Not Installed Date Installed Manufacturer's name Model Number HP Volt Length of drop pipe ft Capacity g.p. Typ																																																	
Abandoned Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No																																																	
Variance Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No																																																	
Miscellaneous First Bedrock Pr.du Chien/Shakopee Fm Aquifer Last Strat Tunnel City Group Depth to Bedrock 92 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:12,000) (>15 meters) System UTM - NAD83, Zone 15, Meters X 487977 Y 4923048 Unique Number Verification Information from Input Date 08/15/2017																																																	
Angled Drill Hole																																																	
Well Contractor Minnesota Geological Survey MGS Licensee Business Lic. or Reg. No. Name of Driller																																																	