

Minnesota Unique Well No.

278816

County Rice
Quad Northfield
Quad ID 71B

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

Entry Date 08/15/2017
Update
Received Date 07/06/2018

Well Name		Township	Range	Dir	Section	Subsection	Use	Status	Well Depth	Depth Completed	Date Well Completed		Lic/Reg. No.				
CARLETON		112	19	W	31	CADDDC	vertical heat loop	A	525.9 ft.	525.9 ft.			MGS				
Elevation	938 ft.	Elev. Method	LiDAR 1m DEM (MNDNR)				Aquifer		Depth to Bedrock	92	ft	Open Hole	-	ft	Static Water Level		ft
Field Located By	Minnesota Geological Survey					Locate Method	Digitization (Screen) - Map (1:12,000) (>15				Universal Transverse Mercator (UTM) - NAD83 - Zone 15 -						
Unique No. Verified	Information from owner-site					Input Source	Minnesota Geological Survey				UTM Easting (X)	487977					
Geological Interpretation	Julia Steenberg					Input Date	08/15/2017				UTM Northing (Y)	492304					
Agency (Interpretation)											Interpretaion Method	Inferred from geophysical log					

Geological Material	Color	Hardness	Depth (ft.)			Elevation (ft.)			Stratigraphy	Primary Lithology	Secondary	Minor Lithology
			From	To	Thickness	From	To					
GLACIAL DRIFT			0	92	92	938	846	Quaternary deposit	drift			
PRAIRIE DU			92	152	60	846	786	Pr.du	dolomite	sandstone		
PRAIRIE DU CHIEN/ONEOTA			152	248	96	786	690	Prairie Du	dolomite			
JORDAN SANDSTONE			248	342	94	690	596	Jordan Sandstone	sandstone			
ST. LAWRENCE			342	372	30	596	566	St.Lawrence	siltstone	shale	dolomite	
TUNNEL CITY			372	525	153	566	413	Tunnel City Group	sandstone	shale	dolomite	

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