

Minnesota Unique Well No.

278586

County Rice
Quad Northfield
Quad ID 71B

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

Entry Date 06/28/2018
Update
Received Date 06/29/2018

Well Name		Township	Range	Dir	Section	Subsection	Use	Status	Well Depth	Depth Completed	Date Well Completed			Lic/Reg. No.					
VL-4282		112	19	W	31	CACDBB	vertical heat loop	A	536 ft.	536 ft.	06/28/2018								
Elevation	941.6 ft.	Elev. Method	LiDAR 1m DEM (MNDNR)				Aquifer		Depth to Bedrock	63	ft	Open Hole	53	-	536	ft	Static Water Level	ft	
Field Located By		Minnesota Geological Survey				Locate Method	Digitization (Screen) - Map (1:24,000) (15 meters				Universal Transverse Mercator (UTM) - NAD83 - Zone 15 -								
Unique No. Verified		Information from owner-site				Input Source	Minnesota Geological Survey				UTM Easting (X)		487722						
Geological Interpretation		Andrew Retzler				Input Date	06/28/2018				UTM Northing (Y)		492312						
Agency (Interpretation)											Interpretaion Method		Inferred from geophysical log						
				Depth (ft.)				Elevation (ft.)											
Geological Material		Color	Hardness	From	To	Thickness	From	To	Stratigraphy	Primary Lithology		Secondary		Minor Lithology					
GLACIAL DRIFT				0	63	63	941.6	878.6	Quaternary deposit	drift									
PRAIRIE DE CHIEN GROUP				63	254	191	878.6	687.6	Prairie Du Chien	dolomite									
JORDAN SANDSTONE				254	347	93	687.6	594.6	Jordan Sandstone	sandstone									
ST. LAWRENCE FORMATION				347	391	44	594.6	550.6	St.Lawrence	siltstone		dolomite							
TUNNEL CITY GROUP				391	536	145	550.6	405.6	Tunnel CItY/Lone	sandstone		shale		dolomite					
Minnesota Well Index - Stratigraphy Report							278586			Printed on 08/30/2022									