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County Hennepin
Quad
Quad ID

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

Entry Date 04/06/2020
Update Date 04/06/2020
Received Date 12/02/2019

Well Name KRUGER, JUDY	Township 119	Range 24	Dir Section W 26	Subsection ABB	Well Depth 226 ft.	Depth Completed 222 ft.	Date Well Completed 11/06/2019																																			
Elevation	Elev. Method				Drill Method Non-specified Rotary	Drill Fluid Bentonite																																				
Address Well 7591 XENIA ST GREENFIELD MN 55357					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>CLAY & BOULDERS</td><td>0</td><td>29</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>29</td><td>79</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SANDY CLAY</td><td>79</td><td>137</td><td>BRN/GRY</td><td>MEDIUM</td></tr><tr><td>SAND/CLAY W/ LAYERS</td><td>137</td><td>175</td><td>BRN/GRY</td><td>SOFT</td></tr><tr><td>SANDY CLAY</td><td>175</td><td>209</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>SAND</td><td>209</td><td>226</td><td>VARIED</td><td>SOFT</td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	CLAY & BOULDERS	0	29	BROWN	SOFT	CLAY	29	79	GRAY	MEDIUM	SANDY CLAY	79	137	BRN/GRY	MEDIUM	SAND/CLAY W/ LAYERS	137	175	BRN/GRY	SOFT	SANDY CLAY	175	209	BROWN	MEDIUM	SAND	209	226	VARIED	SOFT	Well Hydrofractured? Yes ☐ No ☒ From To		
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					Casing Type Single casing Joint																																					
					Drive Shoe? Yes ☐ No ☒ Above/Below																																					
Casing Diameter 4 in. To 212 ft. lbs./ft.			Hole Diameter 6.7 in. To 226 ft.																																							
Open Hole From ft. To ft.																																										
Screen? ☒ Type plastic Make BIG FOOT																																										
Diameter Slot/Gauze Length Set																																										
4 in. 12 10 ft. 212 ft. 222 ft.																																										
Static Water Level 119 ft. land surface Measure 11/05/2019																																										
Pumping Level (below land surface) 140 ft. 2 hrs. Pumping at 14 g.p.m.																																										
Wellhead Completion Pitless adapter manufacturer BAKER Model BM8PL41U ☐ 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 cuttings 70 ft. 205 ft. bentonite 5 Sacks ft. 70 ft.																																										
Nearest Known Source of Contamination 60 feet Northwes Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No																																										
Pump ☐ Not Installed Date Installed 11/05/2019 Manufacturer's name WEBTRAL Model Number WT10072R HP 0.75 Volt 230 Length of drop pipe 160 ft Capacity 10 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 Last Strat Depth to Bedrock ft Located by Locate Method System UTM - NAD83, Zone 15, Meters X Y Unique Number Verification Input Date																																										
Angled Drill Hole																																										
Well Contractor Ingleside Engineering and 2106 VAN BEUSEKOM Licensee Business Lic. or Reg. No. Name of Driller																																										