

834998

County Becker
Quad Lake Park
Quad ID 260C

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

Entry Date 11/08/2019
Update Date 01/14/2021
Received Date 09/11/2020

Well Name BORGEN, LORI	Township 138	Range 43	Dir Section W 9	Subsection BCCCAD	Well Depth 200 ft.	Depth Completed 200 ft.	Date Well Completed 03/23/2020																																			
Elevation 1355	Elev. Method LiDAR 1m DEM (MNDNR)	Drill Method Non-specified Rotary				Drill Fluid Bentonite																																				
Address Well 13111 BISHOP RD LAKE PARK MN 56544					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>MIX CLAY SAND</td><td>0</td><td>4</td><td>BRN/GRY</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>4</td><td>37</td><td>GRAY</td><td>HARD</td></tr><tr><td>SANDY CLAY</td><td>37</td><td>54</td><td>GRAY</td><td>M.HARD</td></tr><tr><td>CLAY</td><td>54</td><td>136</td><td>GRAY</td><td>M.HARD</td></tr><tr><td>SILTY CLAY</td><td>136</td><td>185</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SAND</td><td>185</td><td>200</td><td>BROWN</td><td>MEDIUM</td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	MIX CLAY SAND	0	4	BRN/GRY	MEDIUM	CLAY	4	37	GRAY	HARD	SANDY CLAY	37	54	GRAY	M.HARD	CLAY	54	136	GRAY	M.HARD	SILTY CLAY	136	185	GRAY	SOFT	SAND	185	200	BROWN	MEDIUM	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 195 ft. lbs./ft.																																										
Hole Diameter 7.8 in. To 20 ft. 6.7 in. To 200 ft.																																										
Open Hole From ft. To ft.																																										
Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 4 in. 15 5 ft. 195 ft. 200 ft.																																										
Static Water Level 3 ft. land surface Measure 03/23/2020																																										
Pumping Level (below land surface) 60 ft. 2 hrs. Pumping at 30 g.p.m.																																										
Wellhead Completion Pitless adapter manufacturer MONITOR Model B4BO ☐ 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 6 Sacks 0 ft. ft.																																										
Nearest Known Source of Contamination 17 feet North Direction Body of water Type Well disinfected upon completion? ☒ Yes ☐ No																																										
Pump ☐ Not Installed Date Installed 03/23/2020 Manufacturer's name LEGEND Model Number FM52- HP 0.5 Volt 280 Length of drop pipe 60 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 Minnesota Department of Health Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 260807 Y 5185900 Unique Number Verification Info/GPS from data Input Date 05/21/2019																																										
Angled Drill Hole																																										
Well Contractor Antonsen Well Drilling, Inc. 2147 FELL, R Licensee Business Lic. or Reg. No. Name of Driller																																										