

195201

County St. Louis
Quad
Quad ID

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

Entry Date02/22/1988
Update Date03/28/2018
Received Date

Well Name ELLIS, RONALD					Township 56	Range 16	Dir W	Section 1	Subsection AAA	Well Depth 110 ft.	Depth Completed 110 ft.	Date Well Completed 04/01/1983																								
Elevation					Elev. Method					Drill Method Air Rotary	Drill Fluid																									
Address WellMUD HEN LAKE RD MAKINEN MN 55763										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</td><td>0</td><td>21</td><td></td><td></td></tr><tr><td>CLAY AND SAND</td><td>21</td><td>42</td><td></td><td>SOFT</td></tr><tr><td>CLAY AND ROCK</td><td>42</td><td>90</td><td></td><td>HARD</td></tr><tr><td>SLATE</td><td>90</td><td>110</td><td></td><td></td></tr></table>										Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	21			CLAY AND SAND	21	42		SOFT	CLAY AND ROCK	42	90		HARD	SLATE	90	110			Well Hydrofractured? Yes ☐ No ☐ From To	
										Geological Material	From	To (ft.)	Color	Hardness																						
										CLAY	0	21																								
										CLAY AND SAND	21	42		SOFT																						
										CLAY AND ROCK	42	90		HARD																						
										SLATE	90	110																								
										Casing Type Single casing		Joint Threaded																								
										Drive Shoe? Yes ☒ No ☐		Above/Below 1 ft.																								
										Casing Diameter 6 in. To 90 ft. 19 lbs./ft.		Hole Diameter 6 in. To 110 ft.																								
										Open Hole From 90 ft. To 110 ft.																										
Screen? ☐ Type Make																																				
Static Water Level 3 ft. land surface Measure 04/01/1983																																				
Pumping Level (below land surface) ft. hrs. Pumping at 5 g.p.m.																																				
Wellhead Completion Pitless adapter manufacturer Model ☐ Casing Protection ☒ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																																				
Grouting Information Well Grouted? ☐ Yes ☒ No ☐ Not Specified																																				
Nearest Known Source of Contamination 100 feet Northwes Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No																																				
Pump ☒ 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)? ☐ 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 Kolstad Well Drill 69111 KOLSTAD, B. Licensee Business Lic. or Reg. No. Name of Driller																																				