

622487

County Cass
Quad Pillager
Quad ID 212C

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

Entry Date 11/03/1999
Update Date 01/07/2016
Received Date 12/17/1998

Well Name NELSON-					Township 133	Range 30	Dir W	Section 14	Subsection AAADAB
Elevation 1209					Elev. Method LiDAR 1m DEM (MNDNR)				
Address Well 12819 25TH AV SW PILLAGER MN 56473 Contact 514 6TH ST S BRAINERD MN 56401									
Stratigraphy Information Geological Material From To (ft.) Color Hardness SAND 0 70 BROWN MEDIUM									
Well Depth 70 ft.					Depth Completed 70 ft.			Date Well Completed 12/07/1998	
Drill Method Non-specified Rotary					Drill Fluid Bentonite				
Use domestic					Status Active				
Well Hydrofractured? Yes ☐ No ☐					From To				
Casing Type Single casing					Joint				
Drive Shoe? Yes ☐ No ☐					Above/Below				
Casing Diameter 4 in. To 62 ft. 3 lbs./ft.					Hole Diameter 8 in. To 70 ft.				
Open Hole From ft. To ft.									
Screen? ☒					Type stainless				
Diameter 3 in. 15					Make JOHNSON				
Slot/Gauze Length 8 ft.					Set 62 ft. 70 ft.				
Static Water Level 23 ft. land surface Measure 12/07/1998									
Pumping Level (below land surface) ft. hrs. Pumping at 20 g.p.m.									
Wellhead Completion Pitless adapter manufacturer MAAS Model 4J-1 ☐ 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 high solids bentonite 6 Sacks 0 ft. 50 ft.									
Nearest Known Source of Contamination feet Direction Type Well disinfected upon completion? ☒ Yes ☐ No									
Pump ☐ Not Installed Date Installed 12/07/1998 Manufacturer's name STA-RITE Model Number HP 0.5 Volt 230 Length of drop pipe 55 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 Quat. Water Last Strat sand-brown Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 391344 Y 5132709 Unique Number Verification Tax Records Input Date 10/07/2015									
Angled Drill Hole									
Well Contractor Northland Well Co. 49397 HINES, RICK Licensee Business Lic. or Reg. No. Name of Driller									