

Minnesota Unique Well Number

140920

County St. Louis
Quad Adolph
Quad ID 245D

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

Entry Date 02/22/1988
Update Date 02/23/2021
Received Date

Well Name LORENSEN,					Township 50	Range 16	Dir W	Section 1	Subsection BCBCCC	Well Depth 89 ft.				Depth Completed 89 ft.				Date Well Completed 08/11/1978			
Elevation 1453					Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Air Rotary				Drill Fluid							
Address Well 4624 CARIBOU LAKE RD DULUTH MN 55811 Contact CARIBOU LAKE RD DULUTH MN 55811										Use domestic				Status Active							
Stratigraphy Information										Well Hydrofractured? Yes ☐ No ☐				From To							
										Casing Type Single casing				Joint Threaded							
										Drive Shoe? Yes ☒ No ☐				Above/Below 2.7 ft.							
Geological Material										Casing Diameter				Weight							
CLAY GRAVEL										6 in. To				91.7 ft. 19.43 lbs./ft.							
BOULDERS CLAY																					
SMALL GRAVEL																					
CLAY & GRAVEL																					
GRAVEL																					
										Open Hole				From 89 ft. To 89 ft.							
										Screen? ☐				Type Make							
										Static Water Level				75 ft. land surface Measure 08/11/1978							
										Pumping Level (below land surface)				75 ft. 4 hrs. Pumping at 4 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				feet Direction 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 Quat. buried							
										Last Strat gravel (+larger)-brown				Depth to Bedrock ft							
										Located by Minnesota Geological Survey											
										Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or											
										System UTM - NAD83, Zone 15, Meters				X 551659 Y 5188212							
										Unique Number Verification				Tax Records Input Date 10/30/2018							
										Angled Drill Hole											
										Well Contractor				Northeast Drilling 69246 CHAPMAN, R.							
										Licensee Business				Lic. or Reg. No. Name of Driller							
Remarks LOC; ON CARIBOU LAKE RD NORTH OF 194.																					

Minnesota Well Index Report

140920

Printed on 08/13/2026
HE-01205-15