

581179

County St. Louis
Quad Eveleth
Quad ID 293A

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

Entry Date
Update Date 10/08/2019
Received Date 09/09/2004

Well Name DEMP, TOM	Township 57	Range 17	Dir W	Section 20	Subsection DAAAAA
Elevation 1376	Elev. Method LiDAR 1m DEM (MNDNR)				
Address C/W 3999 MILLER TRUNK RD EVELETH MN 55734					
Stratigraphy Information					
Geological Material		From	To (ft.)	Color	Hardness
SILT		0	2	BROWN	SOFT
CLAY		2	10	RED	SOFT
SILT WITH CLAY		10	103	GRAY	SOFT
SILT & SAND		103	105	GRAY	SOFT
CLAY		105	112	GRAY	SOFT
SILT & CLAY SEAMS		112	123	GRAY	SOFT
BROKEN SLATE W/		123	144	GRAY	
CRUSHED SLATE WITH		144	146	GRAY	
SLATE		146	151	GRAY	HARD
Well Depth 151 ft.					
Depth Completed 151 ft.					
Date Well Completed 08/13/2004					
Drill Method Multiple methods used					
Drill Fluid Water					
Use domestic					
Status Active					
Well Hydrofractured? Yes ☐ No ☐					
From To					
Casing Type Single casing					
Joint Welded					
Drive Shoe? Yes ☒ No ☐					
Above/Below					
Casing Diameter 4 in. To 144 ft. 10.79 lbs./ft.					
Weight					
Hole Diameter 4 in. To 151 ft.					
Open Hole From 144 ft. To 151 ft.					
Screen? ☐					
Type Make					
Static Water Level 23 ft. land surface Measure 08/11/2004					
Pumping Level (below land surface) 90 ft. 20 hrs. Pumping at 6 g.p.m.					
Wellhead Completion					
Pitless adapter manufacturer MONITOR Model SNAPPY					
☐ 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		3 Sacks		0	ft. 144 ft.
Nearest Known Source of Contamination					
55 feet West Direction Sewer Type					
Well disinfected upon completion? ☒ Yes ☐ No					
Pump ☐ Not Installed Date Installed 08/11/2004					
Manufacturer's name STA-RITE					
Model Number		3 WIRE	HP	0.5	Volt 230
Length of drop pipe		90	ft	Capacity	6 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		Virginia/Thomson		Aquifer	Virginia/Thomson
Last Strat		Virginia/Thomson		Depth to Bedrock	146 ft
Located by Minnesota Geological Survey					
Locate Method GPS SA Off (averaged) (15 meters)					
System		UTM - NAD83, Zone 15, Meters		X	536495 Y 5250698
Unique Number Verification		Tax Records		Input Date	03/09/2017
Angled Drill Hole					
Well Contractor					
Tap-a-well Co.		69411		JAGUNICH, B.	
Licensee Business		Lic. or Reg. No.		Name of Driller	