

625235

County

Cass

Quad

Baxter

Quad ID

212D

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date

11/03/1999

Update Date

09/23/2016

Received Date

12/24/1998

Well Name BIESSENER,	Township 133	Range 29	Dir W	Section 5	Subsection BBACCD	Well Depth 132 ft.	Depth Completed 132 ft.	Date Well Completed 12/22/1998
Elevation 1275.9	Elev. Method	LiDAR 1m DEM (MNDNR)				Drill Method Non-specified Rotary	Drill Fluid Bentonite	
Address						Use domestic	Status Active	
Well 1643 120TH ST SW BRAINERD MN 56401						Well Hydrofractured? Yes ☐ No ☐ From To		
Contact 575 PINE BEACH RD EAST GULL LAKE MN 56401						Casing Type Single casing Joint		
Stratigraphy Information						Drive Shoe? Yes ☐ No ☐ Above/Below		
Geological Material		From	To (ft.)	Color	Hardness	Casing Diameter Weight Hole Diameter		
SANDY CLAY		0	35	BROWN	MEDIUM	4 in. To 120 ft. 3 lbs./ft. 8 in. To 132 ft.		
CLAY (ROCKY)		35	120	BROWN	HARD			
SAND		120	132	BROWN	MEDIUM			
						Open Hole From ft. To ft.		
Screen? ☒						Type stainless	Make JOHNSON	
Diameter		Slot/Gauze	Length	Set				
3 in.		15	12 ft.	120 ft.	132 ft.			
Static Water Level								
90 ft.		land surface		Measure		12/22/1998		
Pumping Level (below land surface)								
ft.		hrs.		Pumping at		14 g.p.m.		
Wellhead Completion								
Pitless adapter manufacturer		MAAS		Model		4J1		
☐ Casing Protection		☐ 12 in. above grade						
☐ At-grade (Environmental Wells and Borings ONLY)								
Grouting Information						Well Grouted? ☒	Yes ☐	No ☐
Material		Amount		From	To			
high solids bentonite		8 Sacks		0 ft.	90 ft.			
Nearest Known Source of Contamination								
50 feet		East Direction		Septic tank/drain field		Type		
Well disinfected upon completion?						☒	Yes	☐
						No		
Pump ☐						Not Installed	Date Installed	12/22/1998
Manufacturer's name						STA RITE		
Model Number		HP		0.5	Volt	230		
Length of drop pipe		115 ft	Capacity	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		sand-brown		Aquifer		Quat. buried		
Last Strat				Depth to Bedrock		ft		
Located by						Minnesota Geological Survey		
Locate Method						GPS SA Off (averaged) (15 meters)		
System		UTM - NAD83, Zone 15, Meters		X	394870	Y	5135771	
Unique Number Verification		Tax Records		Input Date		06/16/2015		
Angled Drill Hole								
Well Contractor								
Northland Well Co.		49397		HINES, RICK				
Licensee Business		Lic. or Reg. No.		Name of Driller				