

822128		CountyOtter Tail	MINNESOTA DEPARTMENT OF HEALTH				Entry Date10/03/2017			
		QuadWalker	WELL AND BORING REPORT				Update Date11/01/2019			
		Quad ID217B	Minnesota Statutes Chapter 1031				Received Date11/20/2017			
Well NameBERG, BONNIE		Township134	Range40	DirW	Section28	SubsectionADAABB	Well Depth190 ft.	Depth Completed190 ft.	Date Well Completed11/17/2017	
Elevation1325.5		Elev. MethodLiDAR 1m DEM (MNDNR)					Drill MethodNon-specified Rotary	Drill FluidBentonite		
Address							Use	domestic	StatusActive	
C/W36882 AUGUSTANA DR BATTLE LAKE MN 56515							Well Hydrofractured?	Yes ☐ No ☐	FromTo	
Stratigraphy Information							Casing Type	Single casing	Joint	
							Drive Shoe?	Yes ☐ No ☒	Above/Below	
Geological Material		From	To (ft.)	Color	Hardness		Casing Diameter	Weight	Hole Diameter	
TOPSOIL		0	1	BLACK	SOFT		4 in. To	186 ft. lbs./ft.	6.2 in. To ft.	
SAND		1	10	YELLOW						
SAND		10	30	WHITE						
SANDY CLAY		30	60	BLUE	MEDIUM					
CLAY		60	95	YELLOW						
SANDY CLAY		95	182	BLUE	HARD					
SAND		182	190	WHITE						
Open Hole							From	ft.	To	ft.
Screen? ☒							Type	stainless	Make	JOHNSON
Diameter		Slot/Gauze	Length	Set						
4 in.		15	4 ft.	186 ft.		190 ft.				
Static Water Level										
7 ft.		land surface		Measure		null				
Pumping Level (below land surface)										
50 ft.		1 hrs.	Pumping at		60 g.p.m.					
Wellhead Completion										
Pitless adapter manufacturer		MONITER		Model		4B0				
☒ 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				
neat cement		7 Sacks		ft.		180 ft.				
Nearest Known Source of Contamination										
51 feet		North Direction		Septic tank/drain field		Type				
Well disinfected upon completion?							☒ Yes ☐ No			
Pump ☐ Not Installed							Date Installed			
Manufacturer's name		GOULDS		Model Number		HP	Volt	240		
Length of drop pipe		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-white		Aquifer		Quat. buried				
Last Strat				Depth to Bedrock		ft				
Located byMinnesota Department of Health										
Locate MethodGPS SA Off (averaged) (15 meters)										
System		UTM - NAD83, Zone 15, Meters		X		290903	Y	5141436		
Unique Number Verification		Info/GPS from data		Input Date		08/29/2017				
Angled Drill Hole										
Well Contractor										
Fergus Well Co.		1489		GRANT, DAN						
Licensee Business		Lic. or Reg. No.		Name of Driller						
Minnesota Well Index Report			822128		Printed on 08/13/2026					
					HE-01205-15					