

Minnesota Unique Well Number		County		Carlton		MINNESOTA DEPARTMENT OF HEALTH				Entry Date		08/23/2010	
779251		Quad				WELL AND BORING REPORT				Update Date		07/17/2014	
		Quad ID				Minnesota Statutes Chapter 1031				Received Date		06/23/2010	

Well Name				Township		Range		Dir		Section		Subsection		Well Depth		Depth Completed		Date Well Completed			
BERGER, JASON				47		17		W		19		BAA		47 ft.		47 ft.		06/01/2010			
Elevation				Elev. Method										Drill Method		Non-specified Rotary		Drill Fluid		Bentonite	
Address																					
Well				3103 5 CR BARNUM MN 55707																	
Contact				8499 PINE DR CLOQUET MN 55720																	
Stratigraphy Information																					
Geological Material				From		To (ft.)		Color		Hardness											
SAND				0		8															
CLAY				8		38		BROWN													
SAND				38		47		BROWN													

Well Hydrofractured?				Yes		☐		No		☒		From		To									
Casing Type				Single casing								Joint											
Drive Shoe?				Yes		☐		No		☒		Above/Below											
Casing Diameter				Weight								Hole Diameter											
4 in. To				43		ft.		lbs./ft.				8.7 in. To		47 ft.									
Open Hole				From		ft.		To		ft.													
Screen?				☒		Type		stainless		Make		JOHNSON											
Diameter				Slot/Gauze		Length		Set															
4 in.				12		4		ft.		43		ft.		47 ft.									
Static Water Level																							
6				ft.		land surface		Measure		06/01/2010													
Pumping Level (below land surface)																							
26				ft.		1		hrs.		Pumping at		20		g.p.m.									
Wellhead Completion																							
Pitless adapter manufacturer				BAKER								Model		BULLDOG									
☐ 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														ft. 40		ft.							
Nearest Known Source of Contamination																							
50				feet		Direction		Septic tank/drain field		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																			
Last Strat				Depth to Bedrock								ft											
Located by																							
Locate Method																							
System				UTM - NAD83, Zone 15, Meters								X		Y									
Unique Number Verification												Input Date											
Angled Drill Hole																							
Well Contractor																							
North Star Drilling				2726								NELSON, S.											
Licensee Business				Lic. or Reg. No.								Name of Driller											

Minnesota Well Index Report		779251		Printed on 08/13/2026	
				HE-01205-15	