

754578

County Cass
Quad Graff
Quad ID 233D

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

Entry Date
Update Date 05/04/2015
Received Date 08/16/2007

Well Name Township Range Dir Section Subsection MASSEY, DAVE 136 31 W 25 CBBCAD					Well Depth 184 ft.		Depth Completed 184 ft.		Date Well Completed 07/12/2007			
Elevation 1431.9 Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary		Drill Fluid Bentonite					
Address Well 6598 49TH AV SW MN Contact 3695 AUGER AV WHITE BEAR LAKE MN 55110					Use irrigation				Status Active			
Stratigraphy Information Geological Material From To (ft.) Color Hardness SAND/CLAY (STREAKY) 0 49 BROWN MEDIUM CLAY 49 64 GRAY MEDIUM SAND 64 66 GRAY SOFT CLAY 66 118 GRAY MEDIUM SAND 118 123 GRAY SOFT CLAY 123 162 GRAY MEDIUM SAND 162 184 GRAY SFT-MED					Well Hydrofractured? Yes ☐ No ☒		From To					
					Casing Type Single casing		Joint Unknown					
					Drive Shoe? Yes ☐ No ☒		Above/Below					
					Casing Diameter Weight				Hole Diameter			
					4 in. To 168 ft. 3 lbs./ft.				8 in. To 184 ft.			
					Open Hole From ft. To ft.							
					Screen? ☒		Type telescoping		Make JOHNSON			
					Diameter Slot/Gauze Length Set							
					3 in. 15 16 ft. 168 ft. 184 ft.							
					Static Water Level							
20 ft. land surface				Measure		07/12/2007						
Pumping Level (below land surface)												
ft.		hrs.		Pumping at		50		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							
Material		Amount		From		To						
bentonite		16 Sacks				ft. 145 ft.						
Nearest Known Source of Contamination												
100 feet		Northwes Direction		Septic tank/drain field Type								
Well disinfected upon completion?		☒ Yes ☐ No										
Pump ☐ Not Installed					Date Installed		07/18/2007					
Manufacturer's name												
Model Number		HP		5		Volt		230				
Length of drop pipe		84 ft		Capacity		75 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		Aquifer		Quat. buried								
Last Strat		sand-gray		Depth to Bedrock		ft						
Located by		Minnesota Geological Survey										
Locate Method		GPS SA Off (averaged) (15 meters)										
System		UTM - NAD83, Zone 15, Meters		X 382020		Y 5157876						
Unique Number Verification		Address verification		Input Date		04/22/2015						
Angled Drill Hole												
Well Contractor												
Northland Drilling, Inc.		1933		PUGH, GLEN								
Licensee Business		Lic. or Reg. No.		Name of Driller								
Minnesota Well Index Report					754578				Printed on 10/02/2026 HE-01205-15			