

850967

County Hubbard
Quad
Quad ID

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

Entry Date
Update Date 12/29/2020
Received Date 10/07/2020

Well Name ENGH, DAVID					Township 145		Range 32		Dir Section W 1		Subsection ACA		Well Depth 93 ft.			Depth Completed 88 ft.			Date Well Completed 09/09/2020		
Elevation					Elev. Method								Drill Method Non-specified Rotary			Drill Fluid Bentonite					
Address												Use domestic			Status Active						
Well 32594 WOLF LAKE RD CASS LAKE MN 56633												Well Hydrofractured? Yes ☐ No ☒			From To						
Stratigraphy Information												Casing Type Single casing			Joint						
												Drive Shoe? Yes ☐ No ☐			Above/Below						
Geological Material												Casing Diameter			Weight			Hole Diameter			
SAND												4 in. To			83 ft. lbs./ft.			7.8 in. To 20 ft.			
SAND/ GRAVEL																		6.7 in. To 93 ft.			
SANDY CLAY																					
FINE SAND																					
SANDY CLAY																					
												Open Hole			From ft. To ft.						
												Screen? ☒			Type stainless			Make JOHNSON			
												Diameter Slot/Gauze			Length Set						
												2 in. 10			5 ft. 83 ft.			88 ft.			
												Static Water Level									
												10 ft. land surface			Measure			09/09/2020			
												Pumping Level (below land surface)									
												70 ft. 1 hrs. Pumping at			15 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			
												well grouted, type unknown			4 Sacks			0 ft. 50 ft.			
												Nearest Known Source of Contamination									
												51 feet			West Direction			Sewer 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									
												Gracco Well Drilling			2960			FELL, BOB			
												Licensee Business			Lic. or Reg. No.			Name of Driller			