

215402

County Polk
Quad Harold
Quad ID 335B

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

Entry Date 04/17/1988
Update Date 09/24/2021
Received Date

Well Name FROEHLER,				Township 149	Range 45	Dir W	Section 23	Subsection CDAD	Well Depth 157 ft.	Depth Completed 133 ft.	Date Well Completed 07/17/1975									
Elevation 1027				Elev. Method 7.5 minute topographic map (+/- 5 feet)						Drill Method	Drill Fluid									
Address									Use domestic			Status Active								
									Well Hydrofractured?			Yes	☐	No	☐	From		To		
									Casing Type			Joint								
									Drive Shoe?			Yes	☐	No	☐	Above/Below				
Stratigraphy Information									Casing Diameter			Weight								
Geological Material				From	To (ft.)	Color	Hardness		4 in. To		133 ft. lbs./ft.									
TOP SOIL				0	2	BLACK														
SANDY CLAY W/ROCK				2	13	BROWN														
SANDY CLAY W/ROCK				13	62	BLUE	HARD													
GRAVEL & ROCK				62	70	VARIED														
SANDY CLAY W/ROCK				70	127	BLUE	HARD													
SAND				127	129	VARIED														
SANDY CLAY & ROCK				129	135	BLUE														
SAND CLAY & ROCK				135	140	BLUE														
SAND (FINE)				140	144	BLUE														
SANDY CLAY				144	147	BLUE														
SAND (FINE TRIED)				147	152	BLUE														
SANDY CLAY				152	157	BLUE														
Remarks									Open Hole			From	ft.	To	ft.					
									Screen?			☒	Type stainless		Make PACKER					
									Diameter		Slot/Gauze	Length		Set						
									4 in.		8	5 ft.		128 ft. 133 ft.						
									Static Water Level			-1 ft.		land surface		Measure		07/17/1975		
									Pumping Level (below land surface)			99 ft.		6.7 hrs.		Pumping at		9 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				
Nearest Known Source of Contamination									feet		Direction		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		Quat. buried							
Last Strat									clay+sand-gray		Depth to Bedrock		ft							
Located by									Minnesota Geological Survey											
Locate Method									Digitized - scale 1:24,000 or larger (Digitizing Table)											
System									UTM - NAD83, Zone 15, Meters		X	246131	Y	5289034						
Unique Number Verification									Information from		Input Date		01/01/1990							
Angled Drill Hole																				
Well Contractor									Fredericksons Inc.		46317		AVERSON, D.							
Licensee Business									Lic. or Reg. No.		Name of Driller									