

852816

County St. Louis
Quad
Quad ID

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

Entry Date 05/23/2024
Update Date 05/23/2024
Received Date 01/02/2024

Well Name RANGAS,	Township 57	Range 20	Dir W	Section 3	Subsection AAB	Well Depth 175 ft.	Depth Completed 175 ft.	Date Well Completed 12/21/2023
Elevation	Elev. Method					Drill Method Dual Rotary	Drill Fluid Water	
Address						Use domestic	Status Active	
Contact	3804 44TH AV E HIBBING MN 55746					Well Hydrofractured?	Yes ☐ No ☒	From To
Well	1110 HAXES RD HIBBING MN 55746					Casing Type Single casing	Joint	
Stratigraphy Information						Drive Shoe?	Yes ☒ No ☐	Above/Below
Geological Material		From	To (ft.)	Color	Hardness	Casing Diameter	Weight	Hole Diameter
SAND		0	16	BROWN	MEDIUM	6 in. To	162 ft. 19.45 lbs./ft.	6 in. To 175 ft.
SAND & ROCKS		16	50	BROWN	HARD			
CLAY & ROCKS		50	62	BROWN	MEDIUM			
SAND		62	75	BROWN	SOFT			
SILTY CLAY & SAND		75	162	GRAY	SOFT			
FROM ORE		162	175	RED	MEDIUM			
						Open Hole	From 162 ft.	To 175 ft.
						Screen?	Type	Make
Static Water Level								
10 ft. land surface						Measure	05/26/2023	
Pumping Level (below land surface)								
11 ft. 4 hrs. Pumping at						15	g.p.m.	
Wellhead Completion								
Pitless adapter manufacturer						BULLDOG	Model	6X10
☐ 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		7 Sacks		ft. 160 ft.				
Nearest Known Source of Contamination								
100 feet Southeast 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								
Petersen Well Drilling, Inc.		2139		PETERSEN, D				
Licensee Business		Lic. or Reg. No.		Name of Driller				