

562950

County St. Louis
Quad Makinen
Quad ID 292D

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

Entry Date 10/03/1996
Update Date 10/10/2019
Received Date

Well Name KILPELA,	Township 56	Range 16	Dir W	Section 3	Subsection CBCBAB	Well Depth 120 ft.	Depth Completed 120 ft.	Date Well Completed 09/04/1996
Elevation 1373	Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Driven	Drill Fluid Water	
Address						Use domestic	Status Active	
Contact 6568 TOWNLINE RD MAKINEN MN 55763						Well Hydrofractured? Yes ☐ No ☐ From To		
Well 6550 TOWNLINE RD MAKINEN MN 55763						Casing Type Single casing Joint Welded		
Stratigraphy Information						Drive Shoe? Yes ☒ No ☐ Above/Below		
Geological Material		From	To (ft.)	Color	Hardness	Casing Diameter Weight Hole Diameter		
CLAY		0	20	RED	SOFT	4 in. To 118 ft. 10.79 lbs./ft. 4 in. To 120 ft.		
SILT, GRAVEL &		20	65	VARIED	SOFT			
CLAY & SLATE CHIPS		65	85	GRAY	SOFT			
SILT, GRAVEL &		85	110	GRAY	SOFT			
BOULDERS & GRAVEL		110	118	GRAY	SOFT			
SLATE		118	120	GRAY	HARD			
Open Hole						From 118 ft. To 120 ft.		
Screen? ☐						Type Make		
Static Water Level								
13 ft. land surface						Measure 09/04/1996		
Pumping Level (below land surface)								
85 ft. 24 hrs. Pumping at						6 g.p.m.		
Wellhead Completion								
Pitless adapter manufacturer						MONITOR Model SNAPPY		
☐ 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								
54 feet East Direction						Septic tank/drain field Type		
Well disinfected upon completion?						☒ Yes ☐ No		
Pump ☐ Not Installed						Date Installed 09/04/1996		
Manufacturer's name STA-RITE								
Model Number SIGNATURE HP 0.5						Volt 230		
Length of drop pipe 85 ft Capacity 6 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 Virginia/Thomson						Aquifer Virginia/Thomson		
Last Strat Virginia/Thomson						Depth to Bedrock 118 ft		
Located by Minnesota Geological Survey								
Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or								
System UTM - NAD83, Zone 15, Meters						X 547778 Y 5245644		
Unique Number Verification						Address verification Input Date 09/15/2003		
Angled Drill Hole								
Well Contractor								
Tap-a-well Co.						69411 JAGUNICH, M.		
Licensee Business						Lic. or Reg. No. Name of Driller		