

773315

County Cook
Quad Northern
Quad ID 340B

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

Entry Date 10/29/2009
Update Date 02/06/2019
Received Date 01/18/2011

Well Name DUPAY, PETE					Township 64		Range 2		Dir Section E 34		Subsection BDCBAB		Well Depth 280 ft.			Depth Completed 280 ft.			Date Well Completed 12/15/2010			
Elevation 1923					Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary					Drill Fluid							
Address												Use domestic			Status Active							
Well 1542 GREENWOOD LAKE RD GRAND MARAIS MN 55604												Well Hydrofractured? Yes ☐ No ☒			From To							
Contact 1485 TROLLHAGEN DR FRIDLEY MN 554211310												Casing Type Single casing			Joint Unknown							
Stratigraphy Information												Drive Shoe? Yes ☒ No ☐			Above/Below							
Geological Material					From		To (ft.)		Color		Hardness		Casing Diameter			Weight			Hole Diameter			
SANDY GRAVEL &					0		20						6 in. To 22 ft.			lbs./ft.			10 in. To 22 ft.			
BEDROCK					20		22		BLACK		SOFT								6 in. To 280 ft.			
BEDROCK					22		60		BLACK		SOFT											
BEDROCK					60		180		BLACK		MEDIUM											
BEDROCK BLK BRN					180		240		VARIED		SOFT											
BEDROCK					240		280		BLACK		MEDIUM											
Open Hole												From 22 ft.		To 280 ft.								
Screen? ☐												Type			Make							
Static Water Level												71 ft.		land surface		Measure		09/23/2009				
Pumping Level (below land surface)												220 ft.		4 hrs.		Pumping at		3 g.p.m.				
Wellhead Completion												Pitless adapter manufacturer		MAASS		Model 6JC1						
☐ 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					10 Sacks					0 ft.		22 ft.										
Nearest Known Source of Contamination												feet		Direction				Type				
Well disinfected upon completion? ☒ Yes ☐ No																						
Pump ☐ Not Installed												Date Installed		10/20/2009								
Manufacturer's name												GRUNDFOS										
Model Number					GF5SQ0727		HP 0.75		Volt 240													
Length of drop pipe					220 ft		Capacity 5 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		Keweenawan volcanics		Aquifer Keweenawan						
Last Strat					Keweenawan volcanics					Depth to Bedrock		22 ft										
Located by												Minnesota Geological Survey										
Locate Method					Digitization (Screen) - Map (1:24,000) (15 meters or																	
System					UTM - NAD83, Zone 15, Meters					X 710196		Y 5318490										
Unique Number Verification					Information from					Input Date		10/29/2009										
Angled Drill Hole																						
Well Contractor												McKeever Well Drilling, Inc.		1937		HAVERI, K.						
Licensee Business					Lic. or Reg. No.					Name of Driller												
Remarks																						
GAMMA & MULTI TOOL LOGGED 10-7-2009. M.G.S. NO. 4969. LOGGED FOR STRAT.																						
KEWEENAWAN AGE ROCK: GRAND PORTAGE BASALTS.																						
VERY BROKEN ROCK TO 40 FT.																						
24"6" WELL CASING.																						