

680671

County Benton
Quad
Quad ID

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

Entry Date 01/10/2003
Update Date 03/11/2005
Received Date 12/03/2002

Well Name COBORN LAND	Township 36	Range 31	Dir W	Section 13	Subsection AAA																									
Elevation Elev. Method																														
Address Well CR 1 & CR 29 SAUK RAPIDS MN Contact 217 OSSEO AV N ST CLOUD MN 55303																														
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>CLAY & ROCK</td><td>0</td><td>32</td><td>BROWN</td><td></td></tr><tr><td>SAND</td><td>32</td><td>43</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>SILT</td><td>43</td><td>52</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>GRANITE</td><td>52</td><td></td><td>GRAY</td><td>HARD</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	CLAY & ROCK	0	32	BROWN		SAND	32	43	BROWN	MEDIUM	SILT	43	52	BROWN	MEDIUM	GRANITE	52		GRAY	HARD
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Well Depth 52 ft. Depth Completed 52 ft. Date Well Completed 11/25/2002																														
Drill Method Non-specified Rotary Drill Fluid Bentonite																														
Use domestic Status Active																														
Well Hydrofractured? Yes ☐ No ☒ From To																														
Casing Type Step down Joint Unknown																														
Drive Shoe? Yes ☐ No ☒ Above/Below																														
Casing Diameter Weight Hole Diameter 4 in. To 32 ft. lbs./ft. 8.8 in. To ft. 4 in. To ft. lbs./ft.																														
Open Hole From ft. To ft.																														
Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 4 in. 12 5 ft. 32 ft. 42 ft.																														
Static Water Level 20 ft. land surface Measure 10/11/2002																														
Pumping Level (below land surface) 30 ft. 2 hrs. Pumping at 15 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 Material Amount From To high solids bentonite 3 Sacks 0 ft. 32 ft.																														
Nearest Known Source of Contamination 50 feet Direction Septic tank/drain field Type Well disinfected upon completion? ☐ Yes ☐ No																														
Pump ☐ Not Installed Date Installed 11/25/2002 Manufacturer's name AERMOTOR Model Number T12-50 HP 0.5 Volt 230 Length of drop pipe 30 ft Capacity 12 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 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 Thein Well Co. 34625 DONABAUER, K Licensee Business Lic. or Reg. No. Name of Driller																														