

662637

County Brown
Quad Lake
Quad ID 58B

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

Entry Date 02/28/2002
Update Date 11/19/2013
Received Date

Well Name SCHUMACHER, 108 Township 32 Range W 6 Dir Section ABADDB Subsection					Well Depth 103 ft.		Depth Completed 103 ft.		Date Well Completed 10/03/2001																																																								
Elevation 1013 Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary		Drill Fluid Bentonite																																																										
Address C/W 15803 4 SH SLEEPY EYE MN 56085					Use domestic				Status Active																																																								
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>SOIL SANDY</td><td>0</td><td>2</td><td>BLACK</td><td>SOFT</td></tr><tr><td>SAND & ROCKS</td><td>2</td><td>4</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>4</td><td>10</td><td>YELLOW</td><td>SOFT</td></tr><tr><td>SAND</td><td>10</td><td>17</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY SANDY</td><td>17</td><td>30</td><td>BLUE</td><td>SOFT</td></tr><tr><td>MED SAND (20)</td><td>30</td><td>33</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY SANDY</td><td>33</td><td>90</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY SANDY</td><td>90</td><td>98</td><td>TAN</td><td>SOFT</td></tr><tr><td>SAND</td><td>98</td><td>101</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>103</td><td>103</td><td>TAN</td><td>SOFT</td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	SOIL SANDY	0	2	BLACK	SOFT	SAND & ROCKS	2	4	BROWN	SOFT	CLAY	4	10	YELLOW	SOFT	SAND	10	17	BROWN	SOFT	CLAY SANDY	17	30	BLUE	SOFT	MED SAND (20)	30	33	GRAY	SOFT	CLAY SANDY	33	90	GRAY	SOFT	CLAY SANDY	90	98	TAN	SOFT	SAND	98	101	BROWN	SOFT	CLAY	103	103	TAN	SOFT	Well Hydrofractured? Yes ☐ No ☒ From To					
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Casing Type Single casing		Joint Solvent Welded																																																															
Drive Shoe? Yes ☐ No ☒ Above/Below																																																																	
Casing Diameter 5 in. To 98 ft.		Weight lbs./ft.		Hole Diameter 9 in. To 103 ft.																																																													
Open Hole From ft. To ft.																																																																	
Screen? ☒ Type stainless		Make JOHNSON																																																															
Diameter Slot/Gauze Length Set																																																																	
5 in. 18 7.3 ft. 98 ft. 103 ft.																																																																	
Static Water Level 20 ft. land surface Measure 10/03/2001																																																																	
Pumping Level (below land surface) ft. hrs. Pumping at 50 g.p.m.																																																																	
Wellhead Completion Pitless adapter manufacturer MONITOR Model ☐ 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 7 0 ft. 60 ft.																																																																	
Nearest Known Source of Contamination 50 feet North Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No																																																																	
Pump ☐ Not Installed Date Installed Manufacturer's name STA-RITE Model Number HP 0.5 Volt 230 Length of drop pipe 40 ft Capacity 10 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 Quat. buried Last Strat clay-brown Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 362049 Y 4894911 Unique Number Verification Info/GPS from data Input Date 10/17/2001																																																																	
Angled Drill Hole																																																																	
Well Contractor Searles Well Co. 08258 RICHARD/TROY Licensee Business Lic. or Reg. No. Name of Driller																																																																	
Remarks																																																																	