

413013

County Otter Tail
Quad Walker
Quad ID 217B

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

Entry Date 04/17/1988
Update Date 09/13/2018
Received Date 02/25/1986

Well Name CHARLEY,				Township 134	Range 40	Dir W	Section 2	Subsection DBCAAB	Well Depth 55 ft.	Depth Completed 54 ft.	Date Well Completed 04/30/1985																														
Elevation 1330				Elev. Method 7.5 minute topographic map (+/- 5 feet)		Drill Method Non-specified Rotary						Drill Fluid																													
Address Contact 5601 5TH AV NE FRIDLEY MN 55432									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>TOP SOIL</td><td>0</td><td>1</td><td>BLACK</td><td></td></tr><tr><td>GRAVELLY SAND</td><td>1</td><td>14</td><td>YELLOW</td><td></td></tr><tr><td>SANDY CLAY</td><td>14</td><td>15</td><td>GRAY</td><td></td></tr><tr><td>SAND AND STONES</td><td>15</td><td>35</td><td></td><td></td></tr><tr><td>SAND</td><td>35</td><td>55</td><td></td><td></td></tr></table>									Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	1	BLACK		GRAVELLY SAND	1	14	YELLOW		SANDY CLAY	14	15	GRAY		SAND AND STONES	15	35			SAND	35	55			Well Hydrofractured? Yes ☐ No ☐ From To		
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									Casing Type Single casing			Joint Threaded																													
									Drive Shoe? Yes ☒ No ☐			Above/Below 1 ft.																													
									Casing Diameter 4 in.			Weight To 50 ft. 11 lbs./ft.																													
Open Hole From ft. To ft.																																									
Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 4 in. 10 4 ft. 50 ft. 54 ft.																																									
Static Water Level 7 ft. land surface Measure 04/30/1985																																									
Pumping Level (below land surface) 14 ft. 2 hrs. Pumping at 20 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 bentonite 0 0 ft. ft.																																									
Nearest Known Source of Contamination feet Direction Type Well disinfected upon completion? ☐ Yes ☐ No																																									
Pump ☐ Not Installed Date Installed 05/20/1985 Manufacturer's name RED JACKET Model Number USED HP 0.5 Volt 230 Length of drop pipe 18 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. Water Last Strat sand 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 293700 Y 5147162 Unique Number Verification Information from Input Date 01/01/1998																																									
Angled Drill Hole																																									
Well Contractor Robertson Well Co. 26144 ROBERTSON, D. Licensee Business Lic. or Reg. No. Name of Driller																																									