

142396

County Washington
Quad White Bear
Quad ID 118C

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

Entry Date07/17/1989

Update Date02/14/2014

Received Date

Well Name BROCKMAN, Elevation965 ft. Elev. Method7.5 minute topographic map (+/- 5 feet)	Township 29 Range 21 Dir W Section 16 Subsection BAABDA	Well Depth 103 ft. Drill Method Cable Tool Use domestic Well Hydrofractured? Yes ☐ No ☐ Casing Type Single casing Drive Shoe? Yes ☒ No ☐ Casing Diameter 4 in. Weight 100 ft. Open Hole From 100 ft. Screen? ☐ Static Water Level 63 ft. Pumping Level (below land surface) 65 ft. Wellhead Completion Pitless adapter manufacturer Grouting Information Well Grouted? ☐ Yes ☒ No ☐ Not Specified Nearest Known Source of Contamination 75 feet South Direction Pump ☐ Not Installed 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 St.Peter Sandstone Angled Drill Hole Well Contractor Mantyla Well Co.	Depth Completed 103 ft. Drill Fluid Status Active From To Joint Threaded Above/Below 1 ft. Measure 06/15/1978 g.p.m. Model ☐ Casing Protection ☒ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY) Septic tank/drain field Type Date Installed 06/28/1978 HP 0.5 Volt 230 g.p. Typ Submersible Aquifer St.Peter Depth to Bedrock 60 ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters Unique Number Verification Address verification Input Date 01/01/1990 THELL, H. Lic. or Reg. No. Name of Driller																								
Address C/W8390 39TH ST N LAKE ELMO MN 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 & GRAVEL</td><td>0</td><td>25</td><td>BROWN</td><td>SFT-HRD</td></tr><tr><td>CLAY</td><td>25</td><td>60</td><td>YELLOW</td><td>MEDIUM</td></tr><tr><td>SANDROCK</td><td>60</td><td>99</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SANDROCK</td><td>99</td><td>103</td><td>WHITE</td><td>HARD</td></tr></table>		Geological Material	From	To (ft.)	Color	Hardness	CLAY & GRAVEL	0	25	BROWN	SFT-HRD	CLAY	25	60	YELLOW	MEDIUM	SANDROCK	60	99	GRAY	SOFT	SANDROCK	99	103	WHITE	HARD	Remarks
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