

716420

County Chisago
Quad Forest Lake
Quad ID 134C

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

Entry Date 12/07/2005
Update Date 10/19/2007
Received Date 01/31/2006

Well Name WOJTYSIAK, Township 33 Range 21 Dir W Section 29 Subsection DCABAA					Well Depth 197 ft.		Depth Completed 197 ft.		Date Well Completed 11/08/2005																																									
Elevation 909 ft. Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary		Drill Fluid Qwik gel																																											
Address Well 25196 GALAXY AV N WYOMING MN 55092					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>CLAY</td><td>0</td><td>30</td><td>BROWN</td><td>SOFT</td></tr><tr><td>SAND</td><td>30</td><td>38</td><td>BROWN</td><td>SOFT</td></tr><tr><td>SAND & CLAY</td><td>38</td><td>42</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SAND</td><td>42</td><td>65</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY & SAND</td><td>65</td><td>78</td><td>RED/BRN</td><td>SOFT</td></tr><tr><td>CLAY & GRAVEL</td><td>78</td><td>180</td><td>BROWN</td><td>HARD</td></tr><tr><td>SAND & GRAVEL</td><td>180</td><td>197</td><td>VARIED</td><td>SOFT</td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	30	BROWN	SOFT	SAND	30	38	BROWN	SOFT	SAND & CLAY	38	42	GRAY	SOFT	SAND	42	65	BROWN	SOFT	CLAY & SAND	65	78	RED/BRN	SOFT	CLAY & GRAVEL	78	180	BROWN	HARD	SAND & GRAVEL	180	197	VARIED	SOFT	Well Hydrofractured? Yes ☐ No ☒		From		To	
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					Casing Type Single casing Joint																																													
Drive Shoe? Yes ☐ No ☐ Above/Below																																																		
Casing Diameter 4 in. Weight 187 lbs./ft. Hole Diameter 7 in. To 35 ft. 6.2 in. To 197 ft.																																																		
Open Hole From ft. To ft.																																																		
Screen? ☒ Type plastic Make JET STREAM																																																		
Diameter Slot/Gauze Length Set																																																		
4 in. 12 10 ft. 187 ft. 197 ft.																																																		
Static Water Level 35 ft. land surface Measure 11/08/2005																																																		
Pumping Level (below land surface) 120 ft. 2 hrs. Pumping at 20 g.p.m.																																																		
Wellhead Completion Pitless adapter manufacturer BAKER 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 2.5 Sacks ft. 30 ft.																																																		
Nearest Known Source of Contamination 40 feet West Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No																																																		
Pump ☐ Not Installed Date Installed 11/13/2005 Manufacturer's name STA RITE Model Number HP 0.75 Volt 220 Length of drop pipe 60 ft Capacity 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 sand +larger Depth to Bedrock ft Located by Minnesota Department of Health Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 501178 Y 5017915 Unique Number Verification Input Date 11/08/2005																																																		
Angled Drill Hole																																																		
Well Contractor STM Industries, LLC 62753 PERRON, D. Licensee Business Lic. or Reg. No. Name of Driller																																																		