

603593

County Scott
Quad Orchard
Quad ID 89A

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

Entry Date 02/07/2002
Update Date 08/22/2005
Received Date

Well Name SJOGREN, JEFF	Township 114	Range 21	Dir Section W 17	Subsection BBAADC	Well Depth 201 ft.	Depth Completed 201 ft.	Date Well Completed 09/03/1998																																				
Elevation 994 ft.	Elev. Method CALC FROM 2-FOOT COUNTY DEM	Drill Method Non-specified Rotary				Drill Fluid Qwik gel																																					
Address Well 18047 CLEARY LAKE CT PRIOR LAKE MN 55372					Use domestic			Status Active																																			
Stratigraphy Information					Well Hydrofractured? Yes ☐ No ☐ From To																																						
<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>25</td><td>YELLOW</td><td>SOFT</td></tr><tr><td>CLAY</td><td>25</td><td>55</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY, GRAVEL,</td><td>55</td><td>97</td><td></td><td>HARD</td></tr><tr><td>CLAY</td><td>97</td><td>113</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SANDSTONE SHALE</td><td>113</td><td>155</td><td></td><td>MEDIUM</td></tr><tr><td>LIMEROCK</td><td>155</td><td>201</td><td>BROWN</td><td>HARD</td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	25	YELLOW	SOFT	CLAY	25	55	GRAY	SOFT	CLAY, GRAVEL,	55	97		HARD	CLAY	97	113	GRAY	MEDIUM	SANDSTONE SHALE	113	155		MEDIUM	LIMEROCK	155	201	BROWN	HARD	Casing Type Single casing ☐ Joint ☐ Welded			
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LIMEROCK	155	201	BROWN	HARD																																							
					Drive Shoe? Yes ☒ No ☐ Above/Below																																						
					Casing Diameter 4 in. To 156 ft. 11 lbs./ft.																																						
					Hole Diameter 8 in. To 156 ft. 4 in. To 201 ft.																																						
					Open Hole From 156 ft. To 201 ft.																																						
					Screen? ☐ Type Make																																						
					Static Water Level 92 ft. land surface Measure 09/03/1998																																						
					Pumping Level (below land surface) ft. 2 hrs. Pumping at 25 g.p.m.																																						
					Wellhead Completion Pitless adapter manufacturer MERREL Model SPK ☐ 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 neat cement 1.5 Cubic yards 0 ft. 156 ft.																																						
					Nearest Known Source of Contamination 17 feet <u>Northeas</u> Direction <u>Septic tank/drain field</u> Type Well disinfected upon completion? ☒ Yes ☐ No																																						
					Pump ☐ Not Installed Date Installed 09/10/1998 Manufacturer's name AERMOTOR Model Number A+20B150 HP 1.5 Volt 230 Length of drop pipe 126 ft Capacity 20 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 St.Peter Sandstone Aquifer Prairie Du Chien Last Strat Prairie Du Chien Group Depth to Bedrock 113 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 470318 Y 4948343 Unique Number Verification Address verification Input Date 02/14/2005																																						
					Angled Drill Hole																																						
					Well Contractor Gary's Well Co. 70417 SCHWICH, D. Licensee Business Lic. or Reg. No. Name of Driller																																						