

648277

County Chippewa
Quad Granite
Quad ID 113D

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

Entry Date 06/20/2008
Update Date 07/26/2010
Received Date 08/01/2007

Well Name HOMME,					Township 116	Range 39	Dir W	Section 26	Subsection CCCCDB	Well Depth 170 ft.			Depth Completed 170 ft.			Date Well Completed 06/19/2007																																		
Elevation 1048					Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary			Drill Fluid Bentonite																																					
Address Well 140TH ST SE MN Contact 11007 810TH AV GRANITE FALLS MN 56241										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>TOPSOIL</td><td>0</td><td>2</td><td>BLACK</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>2</td><td>40</td><td>YELLOW</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>40</td><td>92</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SAND</td><td>92</td><td>93</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>93</td><td>135</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SAND/GRAVEL</td><td>135</td><td>170</td><td>VARIED</td><td>MEDIUM</td></tr></table>										Geological Material	From	To (ft.)	Color	Hardness	TOPSOIL	0	2	BLACK	MEDIUM	CLAY	2	40	YELLOW	MEDIUM	CLAY	40	92	GRAY	MEDIUM	SAND	92	93	GRAY	MEDIUM	CLAY	93	135	GRAY	MEDIUM	SAND/GRAVEL	135	170	VARIED	MEDIUM	Casing Type Single casing			Joint		
Geological Material	From	To (ft.)	Color	Hardness																																														
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SAND/GRAVEL	135	170	VARIED	MEDIUM																																														
Drive Shoe? Yes ☐ No ☒										Above/Below																																								
Casing Diameter 5 in. To										Weight 165 ft. lbs./ft.			Hole Diameter 8.7 in. To 170 ft.																																					
Open Hole From ft. To ft.																																																		
Screen? ☒										Type stainless			Make JOHNSON																																					
Diameter 4 in.										Slot/Gauze 18			Length 5 ft.			Set 165 ft. 170 ft.																																		
Static Water Level 46 ft. land surface										Measure			06/19/2007																																					
Pumping Level (below land surface)																																																		
Wellhead Completion Pitless adapter manufacturer Model ☐ Casing Protection ☐ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																																																		
Grouting Information Well Grouted? ☒ Yes ☐ No ☐ Not Specified																																																		
<table><tr><td>Material</td><td>Amount</td><td>From</td><td>To</td></tr><tr><td>cuttings</td><td></td><td>70</td><td>ft. 155</td></tr><tr><td>bentonite</td><td>12 Sacks</td><td></td><td>ft. 70</td></tr></table>														Material	Amount	From	To	cuttings		70	ft. 155	bentonite	12 Sacks		ft. 70																									
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Nearest Known Source of Contamination 100 feet North Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No																																																		
Pump ☒ Not Installed Date Installed Manufacturer's name Model Number HP Volt Length of drop pipe ft Capacity g.p. Typ																																																		
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 300522 Y 4965910 Unique Number Verification Info/GPS from data Input Date 04/14/2009																																																		
Angled Drill Hole																																																		
Well Contractor LC Sherman Well Co. 1800 SHERMAN, L Licensee Business Lic. or Reg. No. Name of Driller																																																		
Remarks																																																		