

737355

County Clay
Quad Ulen SW
Quad ID 284C

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

Entry Date
Update Date 03/10/2014
Received Date 01/23/2007

Well Name KLEVGAARD,	Township 142	Range 46	Dir W	Section 14	Subsection CAACAB	Well Depth 150 ft.	Depth Completed 142.5 ft.	Date Well Completed 07/11/2006																																																		
Elevation 920 ft.	Elev. Method CALC FROM 2-FOOT COUNTY DEM				Drill Method Non-specified Rotary	Drill Fluid Bentonite																																																				
Address Well 1550 180TH AV N FELTON MN 56536						Use domestic	Status Active																																																			
Stratigraphy Information <table><thead><tr><th>Geological Material</th><th>From</th><th>To (ft.)</th><th>Color</th><th>Hardness</th></tr></thead><tbody><tr><td>TOPSOIL</td><td>0</td><td>2</td><td>BLACK</td><td></td></tr><tr><td>SAND</td><td>2</td><td>5</td><td>BROWN</td><td></td></tr><tr><td>CLAY & SAND</td><td>5</td><td>15</td><td>BROWN</td><td></td></tr><tr><td>CLAY</td><td>15</td><td>76</td><td>BLUE</td><td></td></tr><tr><td>CLAY W/ ROCKS</td><td>76</td><td>103</td><td>GRAY</td><td></td></tr><tr><td>SANDY CLAY</td><td>103</td><td>111</td><td>GRAY</td><td></td></tr><tr><td>SANDY CLAY W/ ROCK</td><td>111</td><td>138</td><td>GRAY</td><td></td></tr><tr><td>SAND W/ DIRTY SPOTS</td><td>138</td><td>143</td><td>GRAY</td><td></td></tr><tr><td>CLAY</td><td>143</td><td>150</td><td>GRAY</td><td></td></tr></tbody></table>						Geological Material	From	To (ft.)	Color	Hardness	TOPSOIL	0	2	BLACK		SAND	2	5	BROWN		CLAY & SAND	5	15	BROWN		CLAY	15	76	BLUE		CLAY W/ ROCKS	76	103	GRAY		SANDY CLAY	103	111	GRAY		SANDY CLAY W/ ROCK	111	138	GRAY		SAND W/ DIRTY SPOTS	138	143	GRAY		CLAY	143	150	GRAY		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. To 138. ft.		Weight 0 lbs./ft.																																																								
		Hole Diameter 8 in. To 150 ft.																																																								
Open Hole Screen? ☒ Type stainless		Make JOHNSON																																																								
Diameter 4 in.		Length 10 ft.																																																								
Slot/Gauze 10		Set 138.5 ft.																																																								
		Measure 142.5 ft.																																																								
Static Water Level 1 ft. land surface Measure 07/11/2006																																																										
Pumping Level (below land surface)																																																										
Wellhead Completion Pitless adapter manufacturer MONITOR Model 7PS45 ☐ 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 9 Sacks 10 ft. 80 ft.																																																										
Nearest Known Source of Contamination feet Direction Type Well disinfected upon completion? ☒ Yes ☐ No																																																										
Pump ☐ Not Installed Date Installed 07/11/2006 Manufacturer's name F & W Model Number 10GPM HP 0.5 Volt 230 Length of drop pipe 105 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 Last Strat clay-gray Aquifer Quat. buried Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 236735 Y 5223670 Unique Number Verification Tax Records Input Date 02/16/2010																																																										
Angled Drill Hole																																																										
Well Contractor LTP Enterprises, Inc. 2157 HEIRAAS, R. Licensee Business Lic. or Reg. No. Name of Driller																																																										