

719421

County Hennepin
Quad St Michael
Quad ID 121B

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

Entry Date

Update Date02/10/2015

Received Date01/20/2005

Well Name THEIS, STEVE					Township 119	Range 24	Dir W	Section 10	Subsection DDBDDDB	Well Depth 110 ft.				Depth Completed 108 ft.				Date Well Completed 10/28/2004																																			
Elevation 1011					Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary				Drill Fluid Bentonite																																							
Address Well6547 SUNSET TR GREENFIELD MN 55357										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>20</td><td>TAN</td><td>MEDIUM</td></tr><tr><td>SAND & ROCKS</td><td>20</td><td>34</td><td>VARIED</td><td>SOFT</td></tr><tr><td>CLAY</td><td>34</td><td>45</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>45</td><td>48</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SANDY CLAY</td><td>48</td><td>85</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>SAND</td><td>85</td><td>108</td><td>VARIED</td><td>SOFT</td></tr><tr><td>SANDY CLAY</td><td>108</td><td>110</td><td>BROWN</td><td></td></tr></table>										Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	20	TAN	MEDIUM	SAND & ROCKS	20	34	VARIED	SOFT	CLAY	34	45	BROWN	MEDIUM	CLAY	45	48	GRAY	MEDIUM	SANDY CLAY	48	85	BROWN	MEDIUM	SAND	85	108	VARIED	SOFT	SANDY CLAY	108	110	BROWN		Well Hydrofractured? Yes ☐ No ☒ From To			
										Geological Material	From	To (ft.)	Color	Hardness																																							
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										Casing Type Single casing				Joint Welded																																							
Drive Shoe? Yes ☐ No ☒ Above/Below																																																					
Casing Diameter 4 in. To 98 ft. lbs./ft.				Hole Diameter 8.7 in. To 20 ft. 6.2 in. To 110 ft.																																																	
Open Hole From ft. To ft.																																																					
Screen? ☒ Type plastic Make SLOTTED Diameter Slot/Gauze Length Set 4 in. 15 10 ft. 98 ft. 108 ft.																																																					
Static Water Level 78 ft. land surface Measure 10/25/2004																																																					
Pumping Level (below land surface) 95 ft. 2.5 hrs. Pumping at 20 g.p.m.																																																					
Wellhead Completion Pitless adapter manufacturer WHITEWATER Model ☐ 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 6 Sacks 0 ft. 40 ft.																																																					
Nearest Known Source of Contamination <u>30</u> feet <u>West</u> Direction <u>Septic tank/drain field</u> Type Well disinfected upon completion? ☒ Yes ☐ No																																																					
Pump ☐ Not Installed Date Installed <u>10/27/2004</u> Manufacturer's name RED JACKET Model Number HP <u>1.5</u> Volt <u>0</u> Length of drop pipe <u>90</u> ft Capacity <u>20</u> g.p. Typ <u>Submersible</u>																																																					
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 clay+sand-brown Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 445741 Y 4997096 Unique Number Verification Address verification Input Date 09/05/2014																																																					
Angled Drill Hole																																																					
Well Contractor Bergerson-Caswell 27058 FELTMAN, T Licensee Business Lic. or Reg. No. Name of Driller																																																					