

795060

County Kandiyohi
Quad Solomon
Quad ID 127A

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

Entry Date06/26/2013
Update Date09/19/2016
Received Date12/26/2012

Well Name MELIN, MARVIN	Township 121	Range 35	Dir Section W 35	Subsection BDBDAB	Well Depth 53 ft.	Depth Completed 53 ft.	Date Well Completed 11/28/2012																																		
Elevation 1125	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Bentonite																																		
Address C/W 12884 2ND ST NE SPICER MN 56288					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>TOP SOIL</td><td>0</td><td>1</td><td></td><td></td></tr><tr><td>SAND</td><td>1</td><td>11</td><td></td><td></td></tr><tr><td>CLAY</td><td>11</td><td>17</td><td>GRAY</td><td></td></tr><tr><td>CLAY</td><td>17</td><td>37</td><td>BLUE</td><td></td></tr><tr><td>SANDY CLAY</td><td>37</td><td>45</td><td>BLUE</td><td></td></tr><tr><td>COARSE SAND</td><td>45</td><td>53</td><td></td><td></td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	1			SAND	1	11			CLAY	11	17	GRAY		CLAY	17	37	BLUE		SANDY CLAY	37	45	BLUE		COARSE SAND	45	53			Well Hydrofractured? Yes ☐ No ☒	From To
					Geological Material	From	To (ft.)	Color	Hardness																																
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					SANDY CLAY	37	45	BLUE																																	
					COARSE SAND	45	53																																		
					Casing Type Single casing		Joint																																		
					Drive Shoe? Yes ☐ No ☐		Above/Below																																		
Casing Diameter 5 in. To 43 ft.		Weight lbs./ft.																																							
		Hole Diameter 7.7 in. To ft.																																							
Open Hole From ft. To ft.																																									
Screen? ☒		Type slotted pipe																																							
Diameter 5 in.		Length 43 ft.																																							
Slot/Gauze 13		Set 48 ft.																																							
Static Water Level 1 ft. land surface		Measure 11/28/2012																																							
Pumping Level (below land surface) 12 ft. 2 hrs. Pumping at 20 g.p.m.																																									
Wellhead Completion Pitless adapter manufacturer MONITOR Model SPOOL ☐ 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 bentonite 2 Sacks ft. 45 ft.																																									
Nearest Known Source of Contamination 50 feet Direction Well disinfected upon completion? ☒ Yes ☐ No <u>Septic tank/drain field</u> Type																																									
Pump ☐ Not Installed Date Installed 11/28/2012 Manufacturer's name AERMOTOR Model Number AT1250-230 HP 0.5 Volt 230 Length of drop pipe 20 ft Capacity 12 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 Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 339668 Y 5012604 Unique Number Verification Address verification Input Date 12/02/2015																																									
Angled Drill Hole																																									
Well Contractor Thein Well Co., Inc. 1337 JOHNSON Licensee Business Lic. or Reg. No. Name of Driller																																									