

635987

County Morrison
Quad Hillman
Quad ID 192C

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

Entry Date 01/06/2000
Update Date 03/10/2014
Received Date

Well Name STARR,					Township 41	Range 28	Dir W	Section 28	Subsection BDCCDD	Well Depth 302 ft.			Depth Completed 302 ft.			Date Well Completed 08/20/1999		
Elevation 1321					Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary			Drill Fluid Bentonite					
Address C/W 16801 373RD AV HILLMAN MN 56338										Use domestic			Status Active					
Stratigraphy Information Geological Material From To (ft.) Color Hardness CLAY 0 24 WEATHERED 24 42 BEDROCK 42 302										Well Hydrofractured? Yes ☐ No ☒			From To					
										Casing Type Single casing			Joint Welded					
										Drive Shoe? Yes ☒ No ☐			Above/Below					
										Casing Diameter 6 in. To 48 ft. 19 lbs./ft.			Hole Diameter 8 in. To 48 ft. 6 in. To 302 ft.					
										Open Hole From 48 ft. To 302 ft.								
										Screen? ☐ Type Make								
										Static Water Level 10 ft. land surface Measure 08/20/1999								
										Pumping Level (below land surface) ft. hrs. Pumping at 0.5 g.p.m.								
										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 Material Amount From To neat cement 10 ft. 46 ft.								
Nearest Known Source of Contamination feet Direction 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 weathering residuum unc. Aquifer Hillman Tonalite Last Strat Hillman Tonalite Depth to Bedrock 24 ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 431287 Y 5094940 Unique Number Verification Address verification Input Date 09/07/2010																		
Angled Drill Hole																		
Well Contractor Boart Longyear Drilling 49588 BUENING, W. Licensee Business Lic. or Reg. No. Name of Driller																		