

784399

County Blue Earth
Quad Sterling
Quad ID 35A

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

Entry Date

Update Date 12/15/2021

Received Date 04/10/2013

Well Name BARNARD, JOEL	Township 106	Range 27	Dir W	Section 20	Subsection CCCCDA																																			
Elevation 1015	Elev. Method LiDAR 1m DEM (MNDNR)																																							
Address Well 14257 542TH AV GOOD THUNDER MN 56037 Contact 321 MAIN ST E AMBOY MN 56010																																								
Stratigraphy Information <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>3</td><td>BLACK</td><td>SOFT</td></tr><tr><td>CLAY</td><td>3</td><td>20</td><td>YELLOW</td><td>SOFT</td></tr><tr><td>CLAY</td><td>20</td><td>45</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SAND</td><td>45</td><td>55</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY</td><td>55</td><td>140</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SAND FIRM</td><td>140</td><td>150</td><td>BROWN</td><td></td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	TOPSOIL	0	3	BLACK	SOFT	CLAY	3	20	YELLOW	SOFT	CLAY	20	45	GRAY	SOFT	SAND	45	55	GRAY	SOFT	CLAY	55	140	GRAY	SOFT	SAND FIRM	140	150	BROWN	
Geological Material	From	To (ft.)	Color	Hardness																																				
TOPSOIL	0	3	BLACK	SOFT																																				
CLAY	3	20	YELLOW	SOFT																																				
CLAY	20	45	GRAY	SOFT																																				
SAND	45	55	GRAY	SOFT																																				
CLAY	55	140	GRAY	SOFT																																				
SAND FIRM	140	150	BROWN																																					
Well Depth 150 ft.																																								
Depth Completed 150 ft.																																								
Date Well Completed 05/29/2012																																								
Drill Method Cable Tool																																								
Drill Fluid Water																																								
Use domestic																																								
Status Active																																								
Well Hydrofractured? Yes ☐ No ☒ From To																																								
Casing Type Single casing																																								
Joint Threaded																																								
Drive Shoe? Yes ☒ No ☐ Above/Below																																								
Casing Diameter 5 in. To 145 ft. 15 lbs./ft.																																								
Weight																																								
Hole Diameter 5 in. To 150 ft.																																								
Open Hole From ft. To ft.																																								
Screen? ☒ Type stainless Make JOHNSON																																								
Diameter Slot/Gauze Length Set																																								
4 in. 12 5 ft. 145 ft. 150 ft.																																								
Static Water Level 85 ft. land surface Measure 05/29/2012																																								
Pumping Level (below land surface) 105 ft. 4 hrs. Pumping at 30 g.p.m.																																								
Wellhead Completion Pitless adapter manufacturer MONITOR Model HD QUICK ☐ 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																																								
8 Sacks ft. 145 ft.																																								
Nearest Known Source of Contamination 100 feet North Direction Sewer Type																																								
Well disinfected upon completion? ☒ Yes ☐ No																																								
Pump ☐ Not Installed Date Installed 06/14/2012																																								
Manufacturer's name GOULDS																																								
Model Number 10GS07 HP 0.75 Volt 230																																								
Length of drop pipe 120 ft Capacity 15 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 Last Strat Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 411134 Y 4868514 Unique Number Verification Info/GPS from data Input Date 12/15/2021																																								
Angled Drill Hole																																								
Well Contractor Denn Well Service, Inc. 1699 GARY/RICHARD Licensee Business Lic. or Reg. No. Name of Driller																																								
Remarks DRILLERS: GARY & RICHARD DENN. ***SCREEN--FITTINGS--K-PACKER***.																																								