

790986

County

Murray

Quad

Slayton

Quad ID

42A

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date

04/24/2013

Update Date

05/17/2023

Received Date

12/34/2012

Well Name SCHWARTZ Township 105 Range 41 Dir W Section 21 Subsection ABAADC	Well Depth 210 ft. Depth Completed 210 ft. Date Well Completed 09/28/2012																																								
Elevation 1640 Elev. Method LiDAR 1m DEM (MNDNR)	Drill Method Non-specified Rotary Drill Fluid Bentonite																																								
Address Well 1475 31ST ST IONA MN 56141	Use industrial /commercial 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>LOAM</td><td>0</td><td>2</td><td>BLACK</td><td>MEDIUM</td></tr><tr><td>SANDY CLAY</td><td>2</td><td>18</td><td>TAN</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>18</td><td>90</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>SAND/CAVING</td><td>90</td><td>92</td><td>TAN</td><td>MEDIUM</td></tr><tr><td>CLAY/ROCK</td><td>92</td><td>188</td><td>BLUE</td><td>M.HARD</td></tr><tr><td>SAND</td><td>188</td><td>210</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>210</td><td>210</td><td>BLUE</td><td>MED-HRD</td></tr></table>	Geological Material	From	To (ft.)	Color	Hardness	LOAM	0	2	BLACK	MEDIUM	SANDY CLAY	2	18	TAN	MEDIUM	CLAY	18	90	BLUE	MEDIUM	SAND/CAVING	90	92	TAN	MEDIUM	CLAY/ROCK	92	188	BLUE	M.HARD	SAND	188	210	GRAY	MEDIUM	CLAY	210	210	BLUE	MED-HRD	Well Hydrofractured? Yes No From To
	Geological Material	From	To (ft.)	Color	Hardness																																				
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	SAND	188	210	GRAY	MEDIUM																																				
	CLAY	210	210	BLUE	MED-HRD																																				
	Casing Type Single casing Joint	Drive Shoe? Yes No Above/Below																																							
Casing Diameter 5 in. To Weight 190 ft. lbs./ft. Hole Diameter 8.5 in. To 210 ft.																																									
Open Hole From ft. To ft.																																									
Screen? Type telescoping Make JOHNSON																																									
Diameter 4 in. Slot/Gauze 12 Length 20 ft. Set 190 ft. 210 ft.																																									
Static Water Level 75 ft. land surface Measure 10/01/2012																																									
Pumping Level (below land surface) 78 ft. 2 hrs. Pumping at 25 g.p.m.																																									
Wellhead Completion Pitless adapter manufacturer MERRILL Model SPK																																									
Casing Protection 12 in. above grade At-grade (Environmental Wells and Borings ONLY)																																									
Grouting Information Well Grouted? Yes No Not Specified																																									
Material cuttings Amount 5 Sacks From 70 ft. 190 ft. To ft. 70 ft.																																									
Nearest Known Source of Contamination 140 feet East Direction Barnyard Type																																									
Well disinfected upon completion? Yes No																																									
Pump Not Installed Date Installed 10/01/2012																																									
Manufacturer's name SCHAEFER																																									
Model Number 25LD1S4 HP 1.5 Volt 230																																									
Length of drop pipe 140 ft Capacity 25 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 clay-gray Depth to Bedrock ft																																									
Located by Minnesota Geological Survey																																									
Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or																																									

Minnesota Well Index Report

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Printed on 08/13/2026

HE-01205-15