

795341

County Freeborn
Quad Glenville
Quad ID 10D

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

Entry Date 10/10/2013
Update Date 05/02/2023
Received Date 01/09/2014

Well Name FREEMAN,	Township 101	Range 21	Dir W	Section 14	Subsection ABCDAC	Well Depth 132 ft.	Depth Completed 132 ft.	Date Well Completed 08/12/2013																																																												
Elevation 1253	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Other																																																													
Address C/W 77564 137TH ST GLENVILLE MN 56036						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>15</td><td></td><td></td></tr><tr><td>CLAY / GRAVEL</td><td>15</td><td>25</td><td></td><td></td></tr><tr><td>CLAY</td><td>25</td><td>32</td><td></td><td></td></tr><tr><td>CLAY/ GRAVEL</td><td>32</td><td>52</td><td></td><td></td></tr><tr><td>SHALE</td><td>52</td><td>70</td><td>BLUE</td><td></td></tr><tr><td>SAND/ GRAVEL</td><td>70</td><td>82</td><td></td><td></td></tr><tr><td>SAND</td><td>82</td><td>87</td><td></td><td></td></tr><tr><td>SHALE</td><td>87</td><td>102</td><td>BLUE</td><td></td></tr><tr><td>CLAY/ROCKS</td><td>102</td><td>107</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>LIMESTONE</td><td>107</td><td>130</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>130</td><td>132</td><td>BLUE</td><td></td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	15			CLAY / GRAVEL	15	25			CLAY	25	32			CLAY/ GRAVEL	32	52			SHALE	52	70	BLUE		SAND/ GRAVEL	70	82			SAND	82	87			SHALE	87	102	BLUE		CLAY/ROCKS	102	107	BROWN	MEDIUM	LIMESTONE	107	130	BROWN	MEDIUM	CLAY	130	132	BLUE		Well Hydrofractured? Yes ☐ No ☒	From To	
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Casing Type Single casing						Joint Welded																																																														
Drive Shoe? Yes ☒ No ☐						Above/Below																																																														
Casing Diameter 5 in. To 109 ft.						Weight lbs./ft.	Hole Diameter 10 in. To 109 ft. 5 in. To 132 ft.																																																													
Open Hole From 109 ft. To 132 ft.																																																																				
Screen? ☐						Type	Make																																																													
Static Water Level 40 ft. land surface						Measure	08/08/2013																																																													
Pumping Level (below land surface) 50 ft. 2 hrs. Pumping at						15	g.p.m.																																																													
Wellhead Completion Pitless adapter manufacturer BAKER Model 5X6 ☐ Casing Protection ☐ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																																																																				
Grouting Information Material Amount From To neat cement 9 Sacks ft. 109 ft.						Well Grouted? ☒ Yes ☐ No ☐ Not Specified																																																														
Nearest Known Source of Contamination 50 feet Direction Type Well disinfected upon completion? ☒ Yes ☐ No																																																																				
Pump ☐ Not Installed Date Installed 08/12/2013 Manufacturer's name GRUNDFOS Model Number 15SQE10- HP 1 Volt 230 Length of drop pipe 84 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 Department of Health Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 474419 Y 4822401 Unique Number Verification Info/GPS from data Input Date 09/25/2013																																																																				
Angled Drill Hole																																																																				
Well Contractor Thein Well Rochester, Inc. 2641 VANHOUTEN, D Licensee Business Lic. or Reg. No. Name of Driller																																																																				