

664797

County Douglas
Quad Alexandria
Quad ID 180B

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

Entry Date06/04/2002
Update Date08/04/2021
Received Date

Well Name HOCUM, TROY Township 129 Range 37 Dir W Section 30 Subsection DABBDA	Well Depth 94 ft. Depth Completed 94 ft. Date Well Completed 12/11/2001																																								
Elevation 1393 Elev. Method LiDAR 1m DEM (MNDNR)	Drill Method Non-specified Rotary Drill Fluid Bentonite																																								
Address Contact7031 11 CR NE ALEXANDRIA MN 56308	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>BLACK</td><td>SOFT</td></tr><tr><td>CLAY</td><td>1</td><td>14</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>GRAVEL</td><td>14</td><td>21</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>21</td><td>49</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>LIGHT CLAY</td><td>49</td><td>63</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>63</td><td>87</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SAND</td><td>87</td><td>94</td><td>GRAY</td><td>SOFT</td></tr></table>	Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	1	BLACK	SOFT	CLAY	1	14	BROWN	MEDIUM	GRAVEL	14	21	BROWN	SOFT	CLAY	21	49	GRAY	MEDIUM	LIGHT CLAY	49	63	GRAY	MEDIUM	CLAY	63	87	GRAY	MEDIUM	SAND	87	94	GRAY	SOFT	Well Hydrofractured? Yes☐ No☒ From To Casing Type Single casing Joint Unknown Drive Shoe? Yes☐ No☒ Above/Below Casing Diameter Weight Hole Diameter 4 in. To 90 ft. lbs./ft. 8 in. To 94 ft.
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	Open Hole From ft. To ft. Screen? ☒ Type telescoping Make COOK Diameter Slot/Gauze Length Set 4 in. 15 4 ft. 90 ft. 94 ft.																																								
Static Water Level 28 ft. land surface Measure 12/11/2001																																									
Pumping Level (below land surface) 94 ft. 2 hrs. Pumping at 100 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 high solids bentonite 0 ft. 30 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 Aquifer Quat. buried Last Strat sand-gray Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 315677 Y 5091768 Unique Number Verification Tax Records Input Date 03/02/2021																																									
Remarks CARLOS BLUFFS 1ST ADDITION N - 0, I - 1.5, H - 25	Angled Drill Hole																																								
	Well Contractor Traut S.M. Well Co. 21535 JOHN & CHRIS Licensee Business Lic. or Reg. No. Name of Driller																																								