

875525

County Itasca
Quad Cohasset
Quad ID 297D

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

Entry Date 03/22/2023
Update Date 01/17/2025
Received Date 12/06/2022

Well Name CHAPMAN, PAT	Township 56	Range 26	Dir W	Section 35	Subsection CDACDC	Well Depth 95 ft.	Depth Completed 95 ft.	Date Well Completed 06/14/2022																																									
Elevation 1300	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Bentonite																																										
Address Well 28179 167 CR COHASSET MN 55721 Contact 37265 WOODLAND DR COHASSET MN 55721						Use domestic	Status Active																																										
Stratigraphy Information						Well Hydrofractured? Yes ☐ No ☒	From	To																																									
						Casing Type Drive Shoe? Yes ☐ No ☒	Joint Above/Below																																										
<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>SADNY CLAY</td><td>1</td><td>24</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>24</td><td>29</td><td>BROWN</td><td>HARD</td></tr><tr><td>FINE SAND</td><td>29</td><td>32</td><td>GRAY</td><td>SOFT</td></tr><tr><td>ROCKY CLAY GRAVEL</td><td>32</td><td>88</td><td>GRAY</td><td>HARD</td></tr><tr><td>MED SANDS</td><td>88</td><td>95</td><td>BROWN</td><td>SOFT</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	1	BLACK	SOFT	SADNY CLAY	1	24	BROWN	MEDIUM	CLAY	24	29	BROWN	HARD	FINE SAND	29	32	GRAY	SOFT	ROCKY CLAY GRAVEL	32	88	GRAY	HARD	MED SANDS	88	95	BROWN	SOFT	<table><tr><td>Casing Diameter</td><td>Weight</td><td>Hole Diameter</td></tr><tr><td>4 in. To 90 ft.</td><td>lbs./ft.</td><td>7.8 in. To 95 ft.</td></tr></table>			Casing Diameter	Weight	Hole Diameter	4 in. To 90 ft.	lbs./ft.	7.8 in. To 95 ft.
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4 in. To 90 ft.	lbs./ft.	7.8 in. To 95 ft.																																															
Open Hole						From	ft.	To	ft.																																								
Screen? ☒						Type Diameter	Slot/Gauze	Length	Set																																								
						3 in.	12	5 ft.	90 ft. 95 ft.																																								
Static Water Level						28 ft.	land surface	Measure	06/14/2022																																								
Pumping Level (below land surface)						95 ft.	2 hrs.	Pumping at	20 g.p.m.																																								
Wellhead Completion						Pitless adapter manufacturer MONITOR Model SPK-4																																											
						☐ 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																																								
						bentonite	Sacks	0	ft. 50 ft.																																								
						other	Sacks	50	ft. 95 ft.																																								
Nearest Known Source of Contamination						62 feet	Northwes	Direction	Septic tank/drain field Type																																								
						Well disinfected upon completion?	☒ Yes	☐ No																																									
Pump ☐ Not Installed						Date Installed	06/14/2022																																										
						Manufacturer's name	GOULDS																																										
						Model Number	100505	HP	0.5																																								
						Length of drop pipe	75	ft	Capacity 12 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	Digitization (Screen) - Map (1:24,000) (15 meters or																																										
						System	UTM - NAD83, Zone 15, Meters	X 453869	Y 5236908																																								
						Unique Number Verification	Tax Records	Input Date	01/09/2025																																								
Angled Drill Hole																																																	
Well Contractor						Runyan Well Drilling 1903 LANDEY, S																																											
						Licensee Business Lic. or Reg. No. Name of Driller																																											