

621566

County Hennepin
Quad Excelsior
Quad ID 105A

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

Entry Date 01/11/2001
Update Date 06/11/2015
Received Date

Well Name 117	Township 23	Range W 25	Dir Section CABAAB	Subsection	Well Depth 212 ft.	Depth Completed 212 ft.	Date Well Completed 05/08/2000																																													
Elevation 968 ft.	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Bentonite																																													
Address Well 20245 MANOR RD SHOREWOOD MN 55331					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>GRAVEL & SAND</td><td>0</td><td>12</td><td>VARIED</td><td></td></tr><tr><td>BOULDERS</td><td>12</td><td>14</td><td>VARIED</td><td>HARD</td></tr><tr><td>SANDY CLAY</td><td>14</td><td>21</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>SANDY CLAY</td><td>21</td><td>32</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>SAND FINE</td><td>32</td><td>167</td><td>VARIED</td><td></td></tr><tr><td>SANDY CLAY</td><td>167</td><td>196</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>SANDY CLAY</td><td>196</td><td>202</td><td>RED</td><td>MEDIUM</td></tr><tr><td>GRAVEL & SAND</td><td>202</td><td>212</td><td>VARIED</td><td></td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	GRAVEL & SAND	0	12	VARIED		BOULDERS	12	14	VARIED	HARD	SANDY CLAY	14	21	BROWN	MEDIUM	SANDY CLAY	21	32	BLUE	MEDIUM	SAND FINE	32	167	VARIED		SANDY CLAY	167	196	BLUE	MEDIUM	SANDY CLAY	196	202	RED	MEDIUM	GRAVEL & SAND	202	212	VARIED		Well Hydrofractured? Yes ☐ No ☒ From To		
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Casing Type Single casing Joint																																																				
Drive Shoe? Yes ☐ No ☒ Above/Below																																																				
Casing Diameter 4 in. To 202 ft. lbs./ft.			Hole Diameter 8 in. To 48 ft. 6.2 in. To 212 ft.																																																	
Open Hole From ft. To ft.																																																				
Screen? ☒ Type Diameter Slot/Gauze Length Set 4 in. 15 10 ft. 202 ft. 212 ft.			Make BIG FOOT																																																	
Static Water Level 81 ft. land surface Measure 05/08/2000																																																				
Pumping Level (below land surface) 81 ft. 3 hrs. Pumping at 50 g.p.m.																																																				
Wellhead Completion Pitless adapter manufacturer WHITEWATER Model S-5-4 ☐ Casing Protection ☐ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																																																				
Grouting Information Material Amount From To high solids bentonite 4 Sacks 7 ft. 48 ft.			Well Grouted? ☒ Yes ☐ No ☐ Not Specified																																																	
Nearest Known Source of Contamination 30 feet South Direction Sewer Type Well disinfected upon completion? ☒ Yes ☐ No																																																				
Pump ☐ Not Installed Date Installed 05/09/2000 Manufacturer's name Model Number HP 1.5 Volt 230 Length of drop pipe 120 ft Capacity 20 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 sand +larger Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 457664 Y 4973425 Unique Number Verification Address verification Input Date 05/19/2014																																																				
Angled Drill Hole																																																				
Well Contractor R.E.S. Well Co. 27276 STODOLA, R JR Licensee Business Lic. or Reg. No. Name of Driller																																																				