

124972

County Hennepin
Quad Osseo
Quad ID 120C

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

Entry Date 08/24/1991
Update Date 02/14/2014
Received Date

Well Name 118 22 W 8 BAAACB					Well Depth 307 ft.		Depth Completed 307 ft.		Date Well Completed 03/14/1977																																																													
Elevation 1004 Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary		Drill Fluid																																																															
Address Well 5325 DUNKIRK LA PLYMOUTH MN					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>20</td><td>YEL/BRN</td><td>MEDIUM</td></tr><tr><td>CLAY GRAVELLY</td><td>20</td><td>80</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>CLAY GRAVELLY</td><td>80</td><td>83</td><td>RED</td><td>MEDIUM</td></tr><tr><td>BOULDER</td><td>83</td><td>84</td><td>BLACK</td><td>V.HARD</td></tr><tr><td>CLAY (GRAVELLY)</td><td>84</td><td>140</td><td>RED</td><td>M.HARD</td></tr><tr><td>CLAY</td><td>140</td><td>195</td><td>YELLOW</td><td>MEDIUM</td></tr><tr><td>CLAY (GRAVELLY)</td><td>195</td><td>210</td><td>RED</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>210</td><td>225</td><td>YELLOW</td><td>MEDIUM</td></tr><tr><td>SHALE & GRAVEL & SHALE</td><td>225</td><td>290</td><td>YELLOW</td><td>HARD</td></tr><tr><td>SHALE</td><td>290</td><td>300</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>SANDSTONE</td><td>300</td><td>307</td><td>GRY/WHT</td><td>M.SOFT</td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	20	YEL/BRN	MEDIUM	CLAY GRAVELLY	20	80	GRAY	MEDIUM	CLAY GRAVELLY	80	83	RED	MEDIUM	BOULDER	83	84	BLACK	V.HARD	CLAY (GRAVELLY)	84	140	RED	M.HARD	CLAY	140	195	YELLOW	MEDIUM	CLAY (GRAVELLY)	195	210	RED	MEDIUM	CLAY	210	225	YELLOW	MEDIUM	SHALE & GRAVEL & SHALE	225	290	YELLOW	HARD	SHALE	290	300	BLUE	MEDIUM	SANDSTONE	300	307	GRY/WHT	M.SOFT	Well Hydrofractured? Yes ☐ No ☐		From		To	
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Casing Type Single casing		Joint Threaded																																																																				
Drive Shoe? Yes ☒ No ☐		Above/Below 1 ft.																																																																				
Casing Diameter 4 in.		Weight 302 ft. 11 lbs./ft.																																																																				
Open Hole From ft. To ft.																																																																						
Screen? ☒		Type stainless		Make JOHNSON																																																																		
Diameter 4 in.		Slot/Gauze 12		Set 307 ft.																																																																		
Length 5 ft.																																																																						

Static Water Level				
105 ft.	land surface	Measure	03/14/1977	
Pumping Level (below land surface)				
135 ft.	4 hrs.	Pumping at	30 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 bentonite		Amount	From	To ft.
Nearest Known Source of Contamination				
50 feet	Southwes	Direction	Septic tank/drain field	Type
Well disinfected upon completion?		☒ Yes ☐ No		
Pump ☐ Not Installed Date Installed 03/17/1977				
Manufacturer's name FLINT & WALLING				
Model Number	7BA12	HP	0.75	Volt 230
Length of drop pipe	150 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	St.Peter Sandstone	Aquifer	Jordan	
Last Strat	Jordan Sandstone	Depth to Bedrock	290	ft
Located by Minnesota Geological Survey				
Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table)				
System	UTM - NAD83, Zone 15, Meters	X	461165	Y 4988648
Unique Number Verification	Address verification	Input Date	01/01/1990	
Angled Drill Hole				
Well Contractor				
Ruppert & Son		27086	CLARK, F.	
Licensee Business		Lic. or Reg. No.	Name of Driller	

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