

534127

County Sherburne
Quad Clearwater
Quad ID 139A

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

Entry Date 06/01/1994
Update Date 02/14/2014
Received Date

Well Name GRAMS, PAUL				Township 35	Range 30	Dir W	Section 26	Subsection DBDBCC	Well Depth 63 ft.	Depth Completed 55 ft.	Date Well Completed 09/03/1993																												
Elevation 1011				Elev. Method 7.5 minute topographic map (+/- 5 feet)		Drill Method Non-specified Rotary						Drill Fluid																											
Address Well 5331 GREENWOOD ACRES ST CLOUD MN 56304									Use domestic			Status Active																											
Stratigraphy Information									Well Hydrofractured? Yes ☐ No ☐ From To																														
<table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>SAND & GRAVEL</td><td>0</td><td>28</td><td>BROWN</td><td></td></tr><tr><td>CLAY</td><td>28</td><td>35</td><td>BROWN</td><td></td></tr><tr><td>SAND & GRAVEL</td><td>35</td><td>56</td><td>BROWN</td><td></td></tr><tr><td>CLAY</td><td>56</td><td>63</td><td>GRAY</td><td></td></tr></table>									Geological Material	From	To (ft.)	Color	Hardness	SAND & GRAVEL	0	28	BROWN		CLAY	28	35	BROWN		SAND & GRAVEL	35	56	BROWN		CLAY	56	63	GRAY		Casing Type Single casing				Joint Glued	
Geological Material	From	To (ft.)	Color	Hardness																																			
SAND & GRAVEL	0	28	BROWN																																				
CLAY	28	35	BROWN																																				
SAND & GRAVEL	35	56	BROWN																																				
CLAY	56	63	GRAY																																				
Drive Shoe? Yes ☐ No ☐ Above/Below									Casing Diameter Weight																														
									4 in. To 51 ft. lbs./ft.																														
									Open Hole From ft. To ft.																														
									Screen? ☒ Type plastic Make JOHNSON																														
									Diameter Slot/Gauze Length Set																														
									4 in. 18 4 ft. 51 ft. 55 ft.																														
									Static Water Level																														
									23 ft. land surface Measure 09/03/1993																														
									Pumping Level (below land surface)																														
									50 ft. 1 hrs. Pumping at 40 g.p.m.																														
									Wellhead Completion																														
									Pitless adapter manufacturer MAASS Model 4J1																														
									☐ 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 0 ft. 40 ft.																														
									Nearest Known Source of Contamination																														
									feet Direction Type																														
									Well disinfected upon completion? ☒ Yes ☐ No																														
									Pump ☐ Not Installed Date Installed 09/09/1993																														
									Manufacturer's name AERMOTOR																														
									Model Number A12B50 HP 0.5 Volt 230																														
									Length of drop pipe 30 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 Quat. Water																														
									Last Strat clay-gray Depth to Bedrock ft																														
									Located by Minnesota Geological Survey																														
									Locate Method GPS SA Off (averaged) (15 meters)																														
									System UTM - NAD83, Zone 15, Meters X 419149 Y 5038028																														
									Unique Number Verification Address verification Input Date 07/27/2010																														
									Angled Drill Hole																														
									Well Contractor																														
									Traut M.J. Well Co. 71536 BRUCE/ROBBIE																														
									Licensee Business Lic. or Reg. No. Name of Driller																														