

404607

County Chisago
Quad Stacy
Quad ID 134B

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

Entry Date 12/02/1990
Update Date 08/18/2014
Received Date

Well Name NIEMEZYEKI, Township 34 Range 21 Dir W Section 12 Subsection DDBCDA						Well Depth 176 ft.		Depth Completed 176 ft.		Date Well Completed 06/19/1984																																																																							
Elevation 885 ft. Elev. Method 7.5 minute topographic map (+/- 5 feet)						Drill Method Cable Tool		Drill Fluid																																																																									
Address Well 34150 KALE AV STACY MN						Use domestic Status Active																																																																											
						Well Hydrofractured? Yes ☐ No ☐ From To																																																																											
Stratigraphy Information <table><thead><tr><th>Geological Material</th><th>From</th><th>To (ft.)</th><th>Color</th><th>Hardness</th></tr></thead><tbody><tr><td>FINE MUDDY SAND</td><td>0</td><td>18</td><td></td><td></td></tr><tr><td>SAND & GRAVEL</td><td>18</td><td>23</td><td></td><td></td></tr><tr><td>FINE RED SAND</td><td>23</td><td>64</td><td>RED</td><td></td></tr><tr><td>CLAY & GRAVEL</td><td>64</td><td>86</td><td></td><td>HARD</td></tr><tr><td>MUDDY SAND &</td><td>86</td><td>100</td><td></td><td></td></tr><tr><td>PACKED GRAVEL</td><td>100</td><td>108</td><td>BLACK</td><td></td></tr><tr><td>HARDPAN</td><td>108</td><td>125</td><td>RED</td><td></td></tr><tr><td>GREEN SHALE</td><td>125</td><td>130</td><td>GREEN</td><td></td></tr><tr><td>GRAVEL</td><td>130</td><td>134</td><td></td><td></td></tr><tr><td>ROCK (PINK BEDROCK)</td><td>134</td><td>137</td><td>PINK</td><td></td></tr><tr><td>BROKEN ROCK &</td><td>137</td><td>147</td><td></td><td></td></tr><tr><td>ROCK WITH SAND &</td><td>147</td><td>152</td><td>PINK</td><td></td></tr><tr><td>SANDROCK WITH</td><td>152</td><td>176</td><td></td><td></td></tr></tbody></table>						Geological Material	From	To (ft.)	Color	Hardness	FINE MUDDY SAND	0	18			SAND & GRAVEL	18	23			FINE RED SAND	23	64	RED		CLAY & GRAVEL	64	86		HARD	MUDDY SAND &	86	100			PACKED GRAVEL	100	108	BLACK		HARDPAN	108	125	RED		GREEN SHALE	125	130	GREEN		GRAVEL	130	134			ROCK (PINK BEDROCK)	134	137	PINK		BROKEN ROCK &	137	147			ROCK WITH SAND &	147	152	PINK		SANDROCK WITH	152	176			Casing Type Single casing Joint Threaded					
						Geological Material	From	To (ft.)	Color	Hardness																																																																							
						FINE MUDDY SAND	0	18																																																																									
						SAND & GRAVEL	18	23																																																																									
						FINE RED SAND	23	64	RED																																																																								
						CLAY & GRAVEL	64	86		HARD																																																																							
						MUDDY SAND &	86	100																																																																									
						PACKED GRAVEL	100	108	BLACK																																																																								
						HARDPAN	108	125	RED																																																																								
						GREEN SHALE	125	130	GREEN																																																																								
GRAVEL	130	134																																																																															
ROCK (PINK BEDROCK)	134	137	PINK																																																																														
BROKEN ROCK &	137	147																																																																															
ROCK WITH SAND &	147	152	PINK																																																																														
SANDROCK WITH	152	176																																																																															
						Drive Shoe? Yes ☒ No ☐ Above/Below 1 ft.																																																																											
						Casing Diameter 4 in. To Weight 148 ft. 10.79 lbs./ft. Hole Diameter 4 in. To 176 ft.																																																																											
						Open Hole From 148 ft. To 176 ft.																																																																											
						Screen? ☐ Type Make																																																																											
						Static Water Level 19 ft. land surface Measure 06/19/1984																																																																											
						Pumping Level (below land surface) 27 ft. 1 hrs. Pumping at 25 g.p.m.																																																																											
						Wellhead Completion Pitless adapter manufacturer WHITEWATER Model ☐ Casing Protection ☐ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																																																																											
						Grouting Information Well Grouted? ☐ Yes ☒ No ☐ Not Specified																																																																											
						Nearest Known Source of Contamination feet Direction Type Well disinfected upon completion? ☒ Yes ☐ No																																																																											
						Pump ☐ Not Installed Date Installed 06/19/1984 Manufacturer's name PIONEER Model Number A 1012 C HP 0.5 Volt 230 Length of drop pipe 49 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 Tunnel City Group Aquifer Tunnel City- Last Strat Wonewoc Sandstone Depth to Bedrock 125 ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 507748 Y 5032091 Unique Number Verification Address verification Input Date 01/01/1990																																																																											
						Angled Drill Hole																																																																											
						Well Contractor Salverda Well Co. 82006 SALVERDA, B. Licensee Business Lic. or Reg. No. Name of Driller																																																																											
Minnesota Well Index Report				404607		Printed on 08/13/2026 HE-01205-15																																																																											