

653637

County Goodhue
Quad
Quad ID

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

Entry Date 07/16/2001
Update Date 03/11/2005
Received Date

Well Name LUND, LONNIE					Township 110	Range 16	Dir W	Section 16	Subsection AAA	Well Depth 260 ft.		Depth Completed 260 ft.		Date Well Completed 12/12/2000																																					
Elevation					Elev. Method					Drill Method Non-specified Rotary		Drill Fluid Foam																																							
Address C/W 14884 420TH ST ZUMBROTA MN 55992										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>SOIL</td><td>0</td><td>1</td><td>BLACK</td><td>SOFT</td></tr><tr><td>CLAY</td><td>1</td><td>26</td><td>BROWN</td><td>SOFT</td></tr><tr><td>LIMESTONE</td><td>26</td><td>40</td><td>BROWN</td><td>HARD</td></tr><tr><td>SHALE</td><td>40</td><td>45</td><td>GREEN</td><td>SOFT</td></tr><tr><td>SANSTONE</td><td>45</td><td>140</td><td>YELLOW</td><td>SOFT</td></tr><tr><td>SANDSTONE</td><td>140</td><td>160</td><td>LT. GRY</td><td>SOFT</td></tr><tr><td>LIMESTONE</td><td>160</td><td>260</td><td>GRAY</td><td>HARD</td></tr></table>										Geological Material	From	To (ft.)	Color	Hardness	SOIL	0	1	BLACK	SOFT	CLAY	1	26	BROWN	SOFT	LIMESTONE	26	40	BROWN	HARD	SHALE	40	45	GREEN	SOFT	SANSTONE	45	140	YELLOW	SOFT	SANDSTONE	140	160	LT. GRY	SOFT	LIMESTONE	160	260	GRAY	HARD	Well Hydrofractured? Yes ☐ No ☒ From To	
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										Casing Type Single casing		Joint Welded																																							
Drive Shoe? Yes ☒ No ☐		Above/Below																																																	
Casing Diameter 4 in. To		Weight 224 ft. 10.79 lbs./ft.		Hole Diameter 12 in. To 26 ft. 8 in. To 224 ft. 4 in. To 260 ft.																																															
Open Hole From 224 ft. To 260 ft.																																																			
Screen? ☐		Type		Make																																															
Static Water Level 130 ft. land surface Measure 11/11/2000																																																			
Pumping Level (below land surface)																																																			
Wellhead Completion Pitless adapter manufacturer MAASS Model 41J ☐ 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 neat cement 4.5 Cubic yards 0 ft. 224 ft.																																																			
Nearest Known Source of Contamination <u>60</u> feet <u>South</u> Direction <u>Septic tank/drain field</u> Type Well disinfected upon completion? ☒ Yes ☐ No																																																			
Pump ☐ Not Installed Date Installed <u>11/16/2000</u> Manufacturer's name RED JACKET Model Number <u>CNS14BC</u> HP <u>1</u> Volt <u>230</u> Length of drop pipe <u>168</u> ft Capacity <u>10</u> g.p. Typ <u>Submersible</u>																																																			
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 224 ft Located by Locate Method System UTM - NAD83, Zone 15, Meters X Y Unique Number Verification Input Date																																																			
Angled Drill Hole																																																			
Well Contractor Carlson Well Drill 19649 CARLSON, M. Licensee Business Lic. or Reg. No. Name of Driller																																																			