

470770

County Washington
Quad Marine On
Quad ID 118A

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

Entry Date03/23/1992
Update Date04/24/2014
Received Date

Well Name KRANTZ, JAMES 32 Township 20 Range 20 Dir W 22 Subsection DDCCBD Elevation 1002 Elev. Method 7.5 minute topographic map (+/- 5 feet)					Well Depth 208 ft. Depth Completed 208 ft. Date Well Completed 05/23/1993																																										
Address C/W 20055 OLINDA TR N SCANDIA MN 55073					Drill Method Non-specified Rotary Drill Fluid																																										
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 W/GRAVEL</td><td>0</td><td>115</td><td>BROWN</td><td>MED-HRD</td></tr><tr><td>LIMEROCK</td><td>115</td><td>119</td><td></td><td>HARD</td></tr><tr><td>LIMEROCK</td><td>119</td><td>121</td><td></td><td>HARD</td></tr><tr><td>SAND W/LIMEROCK</td><td>121</td><td>141</td><td>BROWN</td><td>SFT-MED</td></tr><tr><td>SHALE</td><td>141</td><td>145</td><td>WHITE</td><td>MEDIUM</td></tr><tr><td>SHALE</td><td>145</td><td>149</td><td>WHITE</td><td>MEDIUM</td></tr><tr><td>SANDROCK</td><td>149</td><td>208</td><td>WHT/GRY</td><td>HARD</td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	CLAY W/GRAVEL	0	115	BROWN	MED-HRD	LIMEROCK	115	119		HARD	LIMEROCK	119	121		HARD	SAND W/LIMEROCK	121	141	BROWN	SFT-MED	SHALE	141	145	WHITE	MEDIUM	SHALE	145	149	WHITE	MEDIUM	SANDROCK	149	208	WHT/GRY	HARD	Use domestic Status Active		
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					Well Hydrofractured? Yes ☐ No ☐ From To																																										
Casing Type Single casing Joint Threaded																																															
Drive Shoe? Yes ☒ No ☐ Above/Below 1 ft.																																															
Casing Diameter 4 in. To 158 ft. 11 lbs./ft. Hole Diameter 6.2 in. To 149 ft. 4 in. To 208 ft.																																															
Open Hole From 158 ft. To 208 ft.																																															
Screen? ☐ Type Make																																															
Static Water Level 105 ft. land surface Measure 12/20/1990																																															
Pumping Level (below land surface) 125 ft. 40 hrs. Pumping at 30 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 Material Amount From To bentonite 0 0 ft. 149 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 04/29/1991 Manufacturer's name MYERS Model Number J711 HP 0.75 Volt 230 Length of drop pipe 126 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 Prairie Du Chien Group Aquifer Jordan Last Strat Jordan Sandstone Depth to Bedrock 119 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 514161 Y 5009519 Unique Number Verification Information from Input Date 05/28/2004																																															
Angled Drill Hole																																															
Well Contractor Ruppert & Son 27086 RUPPERT, G. Licensee Business Lic. or Reg. No. Name of Driller																																															

Minnesota Well Index Report

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