

226425

County Freeborn
Quad Myrtle
Quad ID 9C

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

Entry Date 04/08/1988
Update Date 02/14/2014
Received Date

Well Name BROITZMAN,					Township 101		Range 20		Dir W 23		Subsection BAABDB		Well Depth 165 ft.			Depth Completed 165 ft.			Date Well Completed 03/25/1976																																																																																															
Elevation 1262					Elev. Method		7.5 minute topographic map (+/- 5 feet)										Drill Method			Drill Fluid																																																																																														
Address C/W GLENNVILLE MN 56036												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>BLACK TOP SOIL</td><td>0</td><td>2</td><td>BLACK</td><td></td></tr><tr><td>YELLOW CLAY</td><td>2</td><td>18</td><td>YELLOW</td><td></td></tr><tr><td>BLUE CLAY</td><td>18</td><td>24</td><td>BLUE</td><td></td></tr><tr><td>BROWN SAND</td><td>24</td><td>31</td><td>BROWN</td><td></td></tr><tr><td>COARSE BROWN</td><td>31</td><td>44</td><td>BROWN</td><td></td></tr><tr><td>BLUE CLAY</td><td>44</td><td>55</td><td>BLUE</td><td></td></tr><tr><td>BROWN BOULDER</td><td>55</td><td>57</td><td>BROWN</td><td></td></tr><tr><td>BROWN SAND</td><td>57</td><td>65</td><td>BROWN</td><td></td></tr><tr><td>BLUE CLAY</td><td>65</td><td>95</td><td>BLUE</td><td></td></tr><tr><td>GRAY HARD</td><td>95</td><td>97</td><td>GRAY</td><td>HARD</td></tr><tr><td>BLUE SHALE</td><td>97</td><td>100</td><td>BLUE</td><td></td></tr><tr><td>GRAY HARD</td><td>100</td><td>103</td><td>GRAY</td><td>HARD</td></tr><tr><td>BLUE SHALE</td><td>103</td><td>110</td><td>BLUE</td><td></td></tr><tr><td>GRAY HARD</td><td>110</td><td>120</td><td>GRAY</td><td>HARD</td></tr><tr><td>BLUE SHALE</td><td>120</td><td>122</td><td>BLUE</td><td></td></tr><tr><td>GRAY HARD</td><td>122</td><td>127</td><td>GRAY</td><td>HARD</td></tr><tr><td>GREEN SHALE</td><td>127</td><td>129</td><td>GREEN</td><td></td></tr><tr><td>DARK BLUE</td><td>129</td><td>131</td><td>DK. BLU</td><td></td></tr><tr><td>GRAY HARD</td><td>131</td><td>165</td><td>GRAY</td><td>HARD</td></tr></table>												Geological Material	From	To (ft.)	Color	Hardness	BLACK TOP SOIL	0	2	BLACK		YELLOW CLAY	2	18	YELLOW		BLUE CLAY	18	24	BLUE		BROWN SAND	24	31	BROWN		COARSE BROWN	31	44	BROWN		BLUE CLAY	44	55	BLUE		BROWN BOULDER	55	57	BROWN		BROWN SAND	57	65	BROWN		BLUE CLAY	65	95	BLUE		GRAY HARD	95	97	GRAY	HARD	BLUE SHALE	97	100	BLUE		GRAY HARD	100	103	GRAY	HARD	BLUE SHALE	103	110	BLUE		GRAY HARD	110	120	GRAY	HARD	BLUE SHALE	120	122	BLUE		GRAY HARD	122	127	GRAY	HARD	GREEN SHALE	127	129	GREEN		DARK BLUE	129	131	DK. BLU		GRAY HARD	131	165	GRAY	HARD	Well Hydrofractured? Yes ☐ No ☐ From To		
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Casing Type Single casing			Joint																																																																																																															
Drive Shoe? Yes ☐ No ☐			Above/Below																																																																																																															
Casing Diameter 5 in. To 118 ft.			Weight lbs./ft.																																																																																																															
Open Hole From 118 ft. To 165 ft.																																																																																																																		
Screen? ☐			Type Make																																																																																																															
Static Water Level 53 ft. land surface Measure 03/25/1976																																																																																																																		
Pumping Level (below land surface)																																																																																																																		
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																																																																																																																		
Nearest Known Source of Contamination feet Direction Type Well disinfected upon completion? ☐ Yes ☐ No																																																																																																																		
Pump ☐ Not Installed Date Installed Manufacturer's name Model Number HP Q Volt Length of drop pipe ft Capacity g.p. Typ																																																																																																																		
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 Cedar Valley Group Aquifer Cedar Valley Last Strat Cedar Valley Group Depth to Bedrock 95 ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 483785 Y 4821127 Unique Number Verification Information from Input Date 01/01/1990																																																																																																																		
Angled Drill Hole																																																																																																																		
Well Contractor Morrison Well Co. 24001 MORRISON WELL Licensee Business Lic. or Reg. No. Name of Driller																																																																																																																		
Remarks				226425		Printed on 08/13/2026 HE-01205-15																																																																																																												