

131886

County McLeod
Quad Glencoe
Quad ID 107C

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

Entry Date 04/11/1988
Update Date 03/03/2017
Received Date

Well Name WITTENBERG, Township 116 Range 28 Dir Section W 25 Subsection BCBBCA					Well Depth 185 ft.		Depth Completed 185 ft.		Date Well Completed 07/08/1977																																									
Elevation 1025 Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary		Drill Fluid																																											
Address C/W GLENCOE MN 55336					Use domestic		Status Sealed																																											
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>SOIL</td><td>0</td><td>1</td><td>BLACK</td><td></td></tr><tr><td>CLAY</td><td>1</td><td>19</td><td>YELLOW</td><td>SOFT</td></tr><tr><td>CLAY</td><td>19</td><td>83</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SAND</td><td>83</td><td>84</td><td>YELLOW</td><td></td></tr><tr><td>CLAY & STONES</td><td>84</td><td>107</td><td>RED/GRY</td><td>HARD</td></tr><tr><td>CLAY</td><td>107</td><td>179</td><td>GRAY</td><td>SFT-HRD</td></tr><tr><td>SAND</td><td>179</td><td>185</td><td>GRAY</td><td></td></tr></tbody></table>					Geological Material	From	To (ft.)	Color	Hardness	SOIL	0	1	BLACK		CLAY	1	19	YELLOW	SOFT	CLAY	19	83	GRAY	SOFT	SAND	83	84	YELLOW		CLAY & STONES	84	107	RED/GRY	HARD	CLAY	107	179	GRAY	SFT-HRD	SAND	179	185	GRAY		Well Hydrofractured? Yes ☐ No ☐		From		To	
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					Casing Type Single casing		Joint Threaded																																											
Drive Shoe? Yes ☒ No ☐		Above/Below 2 ft.																																																
Casing Diameter 4 in. To 182 ft. 11 lbs./ft.		Hole Diameter 7 in. To 185 ft.																																																
Open Hole From ft. To ft.																																																		
Screen? ☒		Type stainless		Make JOHNSON																																														
Diameter Slot/Gauze Length Set																																																		
4 in. 12 3.5 ft. 182 ft. 185 ft.																																																		
Static Water Level 34 ft. land surface Measure 07/08/1977																																																		
Pumping Level (below land surface) 50 ft. 1 hrs. Pumping at 40 g.p.m.																																																		
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																																																		
Material		Amount		From To																																														
bentonite		0.33 Cubic yards		0 ft. 50 ft.																																														
cuttings				ft. ft.																																														
Nearest Known Source of Contamination 50 feet North Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No																																																		
Pump ☐ Not Installed Date Installed 07/16/1977																																																		
Manufacturer's name FLINT & WALLING																																																		
Model Number SBA8		HP 0.5		Volt 230																																														
Length of drop pipe 54 ft		Capacity 10 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. buried Last Strat sand-gray Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 409007 Y 4964690 Unique Number Verification Input Date 01/01/1990																																																		
Angled Drill Hole																																																		
Well Contractor Heil Well Co. 43085 HEIL, C. Licensee Business Lic. or Reg. No. Name of Driller																																																		
Remarks SEALED 07-28-2009 BY 1845.																																																		