

197070

County Clay
Quad Glyndon
Quad ID 262D

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

Entry Date 01/22/1991
Update Date 06/02/2014
Received Date

Well Name JACOBSON, RAY Township 138 Range 47 Dir W Section 4 Subsection CDCCCA					Well Depth 302 ft.		Depth Completed 300 ft.		Date Well Completed 09/09/1988																																																													
Elevation 920 ft. Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary		Drill Fluid																																																															
Address C/W SABIN MN 56580					Use domestic		Status Active																																																															
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>TOPSOIL</td><td>0</td><td>2</td><td>BLACK</td><td>SOFT</td></tr><tr><td>CLAY</td><td>2</td><td>15</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>15</td><td>102</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY & ROCKS</td><td>102</td><td>113</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>DIRTY SAND</td><td>113</td><td>115</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY & STONES &</td><td>115</td><td>157</td><td>GRAY</td><td>M.SOFT</td></tr><tr><td>SANDY CLAY</td><td>157</td><td>200</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>CLAY SMEARY</td><td>200</td><td>240</td><td>GRAY</td><td></td></tr><tr><td>CLAY</td><td>240</td><td>260</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>CLAY & SAND &</td><td>260</td><td>285</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SAND</td><td>285</td><td>302</td><td>GRAY</td><td>SOFT</td></tr></tbody></table>					Geological Material	From	To (ft.)	Color	Hardness	TOPSOIL	0	2	BLACK	SOFT	CLAY	2	15	BROWN	SOFT	CLAY	15	102	GRAY	SOFT	CLAY & ROCKS	102	113	GRAY	MEDIUM	DIRTY SAND	113	115	GRAY	SOFT	CLAY & STONES &	115	157	GRAY	M.SOFT	SANDY CLAY	157	200	GRAY	MEDIUM	CLAY SMEARY	200	240	GRAY		CLAY	240	260	GRAY	MEDIUM	CLAY & SAND &	260	285	GRAY	MEDIUM	SAND	285	302	GRAY	SOFT	Well Hydrofractured? Yes ☐ No ☐		From		To	
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Casing Type Single casing		Joint																																																																				
Drive Shoe? Yes ☒ No ☐		Above/Below		1 ft.																																																																		
Casing Diameter 5 in. To		Weight 292 ft. lbs./ft.		Hole Diameter 9 in. To 300 ft.																																																																		
Open Hole		From ft.		To ft.																																																																		
Screen? ☒		Type stainless		Make JOHNSON																																																																		
Diameter Slot/Gauze		Length		Set																																																																		
4 in. 10		8 ft.		292 ft. 300 ft.																																																																		
Static Water Level					12 ft. land surface		Measure		09/09/1988																																																													
Pumping Level (below land surface)					300 ft. 4 hrs.		Pumping at		60 g.p.m.																																																													
Wellhead Completion					Pitless adapter manufacturer MONITOR		Model 6PS56BS4C1																																																															
☐ Casing Protection					☒ 12 in. above grade																																																																	
☐ At-grade (Environmental Wells and Borings ONLY)																																																																						
Grouting Information					Well Grouted? ☒ Yes ☐ No ☐ Not Specified																																																																	
Material neat cement					Amount		From		To ft. ft.																																																													
Nearest Known Source of Contamination					125 feet		East Direction		Type																																																													
Well disinfected upon completion?					☒ Yes ☐ No																																																																	
Pump ☐ Not Installed					Date Installed		09/07/1988																																																															
Manufacturer's name GOULDS																																																																						
Model Number 25EL10412					HP 1		Volt 230																																																															
Length of drop pipe 54 ft					Capacity 30 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 sand-gray 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 223361 Y 5188264 Unique Number Verification Information from Input Date 09/21/1994																																																																	
Angled Drill Hole																																																																						
Well Contractor					Paasch Well Co. 14212		PAASCH, A.																																																															
Licensee Business					Lic. or Reg. No.		Name of Driller																																																															
Remarks																																																																						