

409246

County Clay
Quad Glyndon
Quad ID 262D

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

Entry Date 04/07/1988
Update Date 03/10/2014
Received Date

Well Name JOHNSON,	Township 139	Range 46	Dir W	Section 28	Subsection CBCACC	Well Depth 237 ft.	Depth Completed 228 ft.	Date Well Completed 11/16/1984																																																												
Elevation 944 ft.	Elev. Method 7.5 minute topographic map (+/- 5 feet)				Drill Method Non-specified Rotary	Drill Fluid																																																														
Address C/W 4664 9 HY S GLYNDON MN 56547						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>TOP SOIL</td><td>0</td><td>4</td><td>BLACK</td><td></td></tr><tr><td>CLAY</td><td>4</td><td>31</td><td>BROWN</td><td></td></tr><tr><td>CLAY</td><td>31</td><td>105</td><td>GRAY</td><td></td></tr><tr><td>SAND</td><td>105</td><td>107</td><td>VARIED</td><td></td></tr><tr><td>SANDY CLAY</td><td>107</td><td>156</td><td>GRAY</td><td></td></tr><tr><td>CLAY</td><td>156</td><td>196</td><td>GRAY</td><td></td></tr><tr><td>SANDY CLAY</td><td>196</td><td>221</td><td>GRAY</td><td></td></tr><tr><td>SANDY CLAY</td><td>221</td><td>224</td><td>RED</td><td></td></tr><tr><td>ROCKS</td><td>224</td><td>227</td><td>VARIED</td><td></td></tr><tr><td>SAND</td><td>227</td><td>228</td><td>GRAY</td><td></td></tr><tr><td>DECOMPOSED</td><td>228</td><td>237</td><td>GREEN</td><td></td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	4	BLACK		CLAY	4	31	BROWN		CLAY	31	105	GRAY		SAND	105	107	VARIED		SANDY CLAY	107	156	GRAY		CLAY	156	196	GRAY		SANDY CLAY	196	221	GRAY		SANDY CLAY	221	224	RED		ROCKS	224	227	VARIED		SAND	227	228	GRAY		DECOMPOSED	228	237	GREEN		Well Hydrofractured? Yes ☐ No ☐ From To		
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DECOMPOSED	228	237	GREEN																																																																	
Casing Type Single casing			Joint Threaded																																																																	
Drive Shoe? Yes ☒ No ☐			Above/Below 2 ft.																																																																	
Casing Diameter 4 in. To 218 ft. 11 lbs./ft.			Hole Diameter 7.9 in. To 30 ft. 6.2 in. To 198 ft.																																																																	
Open Hole From ft. To ft.																																																																				
Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 2 in. 10 10 ft. 218 ft. 228 ft.																																																																				
Static Water Level																																																																				
Pumping Level (below land surface) 160 ft. 7.5 hrs. Pumping at 2 g.p.m.																																																																				
Wellhead Completion Pitless adapter manufacturer MONITOR Model 7PS45B ☐ 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 0 ft. 30 ft.																																																																				
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 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 weathering residuum unc. Aquifer Quat. buried Last Strat weathering residuum unc. Depth to Bedrock 228 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 232781 Y 5191561 Unique Number Verification Information from Input Date 02/16/2010																																																																				
Angled Drill Hole																																																																				
Well Contractor Ltp Enterprises 91353 HITTESDORF, J Licensee Business Lic. or Reg. No. Name of Driller																																																																				