

409585

County Anoka
Quad Circle Pines
Quad ID 119B

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

Entry Date 04/15/1991
Update Date 02/14/2014
Received Date

Well Name LIVESAY,				Township 31	Range 23	Dir W	Section 27	Subsection DCBBCA	Well Depth 204 ft.		Depth Completed 178 ft.		Date Well Completed 04/17/1985																																																													
Elevation 909 ft.		Elev. Method 7.5 minute topographic map (+/- 5 feet)		Drill Method Cable Tool										Drill Fluid																																																												
Address C/W 9455 FLANDERS ST NE BLAINE MN 55449									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>FINE SAND</td><td>0</td><td>15</td><td>BROWN</td><td></td></tr><tr><td>FINE SILTY SAND</td><td>15</td><td>47</td><td>GRAY</td><td></td></tr><tr><td>STICKY CLAY</td><td>47</td><td>82</td><td>GRAY</td><td></td></tr><tr><td>FINE SAND</td><td>82</td><td>119</td><td>RED</td><td></td></tr><tr><td>RED CLAY</td><td>119</td><td>158</td><td>RED</td><td></td></tr><tr><td>CLAY AND GRAVEL</td><td>158</td><td>170</td><td>RED</td><td></td></tr><tr><td>MEDIUM TO FINE CLAY</td><td>170</td><td>178</td><td>BROWN</td><td></td></tr><tr><td>CLAY</td><td>178</td><td>181</td><td>YELLOW</td><td></td></tr><tr><td>CLAY</td><td>181</td><td>192</td><td>BROWN</td><td></td></tr><tr><td>SAND</td><td>192</td><td>204</td><td>VARIED</td><td></td></tr><tr><td>CLAY</td><td>204</td><td>204</td><td>BROWN</td><td></td></tr></tbody></table>									Geological Material	From	To (ft.)	Color	Hardness	FINE SAND	0	15	BROWN		FINE SILTY SAND	15	47	GRAY		STICKY CLAY	47	82	GRAY		FINE SAND	82	119	RED		RED CLAY	119	158	RED		CLAY AND GRAVEL	158	170	RED		MEDIUM TO FINE CLAY	170	178	BROWN		CLAY	178	181	YELLOW		CLAY	181	192	BROWN		SAND	192	204	VARIED		CLAY	204	204	BROWN		Well Hydrofractured? Yes ☐ No ☐		From To			
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Casing Type Single casing		Joint Welded																																																																								
Drive Shoe? Yes ☒ No ☐		Above/Below 1 ft.																																																																								
Casing Diameter 4 in.		Weight 175 ft.		10.79 lbs./ft.																																																																						
Open Hole Screen? ☒		From ft.		To ft.																																																																						
Type stainless		Make JOHNSON																																																																								
Diameter 2 in.		Slot/Gauze 15		Length 4 ft.		Set 174 ft. 178 ft.																																																																				
Static Water Level 39 ft.		land surface		Measure		04/17/1985																																																																				
Pumping Level (below land surface)																																																																										
Wellhead Completion Pitless adapter manufacturer BAKER Model SNAPPY ☐ Casing Protection ☐ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																																																																										
Grouting Information Well Grouted? ☒ Yes ☐ No ☐ Not Specified Material bentonite Amount 0 From ft. To 175 ft.																																																																										
Nearest Known Source of Contamination feet Direction Well disinfected upon completion? ☒ Yes ☐ No Type																																																																										
Pump ☐ Not Installed Date Installed 04/19/1985 Manufacturer's name GRUNDFOOS Model Number SP2-12 HP 0.5 Volt 0 Length of drop pipe 108 ft Capacity 6 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 clay-brown 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 484762 Y 4998756 Unique Number Verification Information from Input Date 01/01/1990																																																																										
Angled Drill Hole																																																																										
Well Contractor Renner E.H. & Sons 02015 OWEN, D. Licensee Business Lic. or Reg. No. Name of Driller																																																																										