

199786

County Douglas
Quad Brandon
Quad ID 181A

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

Entry Date 02/28/1989
Update Date 06/05/2021
Received Date

Well Name MILLER, LEO	Township 129	Range 39	Dir W	Section 12	Subsection DABBBA																									
Elevation 1371	Elev. Method LiDAR 1m DEM (MNDNR)																													
Address Well 9903 BIG CHIP RD NW MN Contact RR 1 BOX 47A BRANDON MN 56315																														
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>2</td><td>BLACK</td><td>SOFT</td></tr><tr><td>CLAY</td><td>2</td><td>26</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>26</td><td>42</td><td>BLUE</td><td>M.SOFT</td></tr><tr><td>SAND</td><td>42</td><td>51</td><td>GRAY</td><td>SOFT</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	2	BLACK	SOFT	CLAY	2	26	BROWN	MEDIUM	CLAY	26	42	BLUE	M.SOFT	SAND	42	51	GRAY	SOFT
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Well Depth 51 ft.			Depth Completed 51 ft.		Date Well Completed 10/12/1984																									
Drill Method Non-specified Rotary			Drill Fluid																											
Use domestic			Status Active																											
Well Hydrofractured? Yes ☐ No ☐			From To																											
Casing Type Single casing			Joint Unknown																											
Drive Shoe? Yes ☐ No ☐			Above/Below 1 ft.																											
Casing Diameter 4 in. To 51 ft.			Weight lbs./ft.		Hole Diameter 7 in. To 51 ft.																									
Open Hole From ft. To ft.																														
Screen? ☒ Type plastic Make JET STREAM																														
Diameter Slot/Gauze Length Set																														
4 in. 30 5 ft. 46 ft. 51 ft.																														
Static Water Level 25 ft. land surface Measure 10/12/1984																														
Pumping Level (below land surface) 46 ft. 2 hrs. Pumping at 20 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																														
neat cement 10 ft. 25 ft.																														
Nearest Known Source of Contamination 75 feet <u>Northeas</u> Direction <u>Sewer</u> Type																														
Well disinfected upon completion? ☒ Yes ☐ No																														
Pump ☐ Not Installed Date Installed <u>10/11/1984</u>																														
Manufacturer's name RAPIDLY TOW																														
Model Number HP <u>0.5</u> Volt <u>110</u>																														
Length of drop pipe <u>45</u> ft Capacity g.p. Typ <u>Jet</u>																														
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 Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 304451 Y 5097008 Unique Number Verification Address verification Input Date 03/02/2021																														
Angled Drill Hole																														
Well Contractor Northwest Well & Pump 21531 HANSON, M. Licensee Business Lic. or Reg. No. Name of Driller																														