

822640

County Douglas
Quad Brandon
Quad ID 181A

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

Entry Date
Update Date 12/07/2020
Received Date 11/08/2016

Well Name HINTERMEISTER 129	Township 39	Range W 11	Dir Section CDCBDC	Subsection CDCBDC	Well Depth 432 ft.	Depth Completed 431 ft.	Date Well Completed 10/24/2016																																																																	
Elevation 1406	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Qwik gel																																																																	
Address Well 9849 CHIPPEWA HEIGHTS NW BRANDON MN Contact 16009 LONG LAKE RD NW BRANDON MN 56315					Use domestic	Status Active																																																																		
Stratigraphy Information					Well Hydrofractured? Yes ☐ No ☐ From To																																																																			
<table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>CLAY</td><td>0</td><td>30</td><td>YELLOW</td><td></td></tr><tr><td>CLAY</td><td>30</td><td>48</td><td>BLUE</td><td></td></tr><tr><td>SAND</td><td>48</td><td>54</td><td>GRAY</td><td></td></tr><tr><td>CLAY</td><td>54</td><td>215</td><td>BLUE</td><td></td></tr><tr><td>SAND</td><td>215</td><td>218</td><td></td><td></td></tr><tr><td>CLAY</td><td>218</td><td>320</td><td>BLUE</td><td></td></tr><tr><td>SAND 5 SLOT</td><td>320</td><td>335</td><td>GRAY</td><td></td></tr><tr><td>CLAY</td><td>335</td><td>382</td><td>BLUE</td><td></td></tr><tr><td>SANDY CLAY</td><td>382</td><td>393</td><td>BLUE</td><td></td></tr><tr><td>SAND 12 SLOT</td><td>393</td><td>403</td><td>GRAY</td><td></td></tr><tr><td>ROCK</td><td>403</td><td>405</td><td></td><td></td></tr><tr><td>SAND 12 SLOT</td><td>405</td><td>432</td><td></td><td></td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	30	YELLOW		CLAY	30	48	BLUE		SAND	48	54	GRAY		CLAY	54	215	BLUE		SAND	215	218			CLAY	218	320	BLUE		SAND 5 SLOT	320	335	GRAY		CLAY	335	382	BLUE		SANDY CLAY	382	393	BLUE		SAND 12 SLOT	393	403	GRAY		ROCK	403	405			SAND 12 SLOT	405	432			Casing Type Single casing Joint		
Geological Material	From	To (ft.)	Color	Hardness																																																																				
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ROCK	403	405																																																																						
SAND 12 SLOT	405	432																																																																						
					Drive Shoe? Yes ☐ No ☐ Above/Below																																																																			
					Casing Diameter Weight 5 in. To 421 ft. lbs./ft.																																																																			
					Open Hole From ft. To ft.																																																																			
					Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 5 in. 12 ft. ft. 431 ft. 5 in. 10 ft. 421 ft. ft.																																																																			
					Static Water Level 68 ft. land surface Measure 10/24/2016																																																																			
					Pumping Level (below land surface) ft. hrs. Pumping at 150 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 ft. 120 ft.																																																																			
					Nearest Known Source of Contamination 400 feet North Direction Sewer 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 Aquifer Quat. buried Last Strat sand Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 302018 Y 5096389 Unique Number Verification Address verification Input Date 11/12/2020																																																																			
					Angled Drill Hole																																																																			
					Well Contractor Waskosky Well Drilling 1581 DAVE/GORDY Licensee Business Lic. or Reg. No. Name of Driller																																																																			
Remarks																																																																								

Minnesota Well Index Report

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Printed on 08/13/2026
HE-01205-15