

749228

County

Crow Wing

Quad

Fort Ripley

Quad ID

194A

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date

01/05/2007

Update Date

11/11/2010

Received Date

12/26/2006

Well Name HANSEN, Township 43 Range 32 Dir Section W 34 Subsection ACAAAA Elevation 1168 Elev. Method 7.5 minute topographic map (+/- 5 feet)	Well Depth 58 ft. Depth Completed 58 ft. Date Well Completed 12/19/2006 Drill Method Non-specified Rotary Drill Fluid Bentonite																									
Address Well 749 FRONT ST FORT RIPLEY MN 56449	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>SAND</td><td>0</td><td>10</td><td>BROWN</td><td></td></tr><tr><td>GRAVEL & ROCK</td><td>10</td><td>27</td><td></td><td></td></tr><tr><td>CLAY & ROCK</td><td>27</td><td>50</td><td>GRAY</td><td></td></tr><tr><td>SAND</td><td>50</td><td>58</td><td>BROWN</td><td></td></tr></table>	Geological Material	From	To (ft.)	Color	Hardness	SAND	0	10	BROWN		GRAVEL & ROCK	10	27			CLAY & ROCK	27	50	GRAY		SAND	50	58	BROWN		Well Hydrofractured? Yes ☐ No ☒ From To Casing Type Single casing Joint Drive Shoe? Yes ☐ No ☒ Above/Below Casing Diameter Weight Hole Diameter 4 in. To 54 ft. 0 lbs./ft. 8.7 in. To 58 ft. Open Hole From ft. To ft. Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 4 in. 12 4 ft. 54 ft. 58 ft. Static Water Level 30 ft. land surface Measure 12/19/2006 Pumping Level (below land surface) 44 ft. 1 hrs. Pumping at 20 g.p.m. Wellhead Completion Pitless adapter manufacturer BAKER Model BULLDOG ☐ Casing Protection ☐ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY) Grouting Information Well Grouted? ☒ Yes ☐ No ☐ Not Specified Material bentonite Amount From To ft. 30 ft. Nearest Known Source of Contamination 50 feet Direction Sewer Type Well disinfected upon completion? ☒ Yes ☐ No Pump ☐ Not Installed Date Installed 12/20/2006 Manufacturer's name STA-RITE Model Number HP 0.5 Volt 230 Length of drop pipe 40 ft Capacity g.p. Typ Submersible
	Geological Material	From	To (ft.)	Color	Hardness																					
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	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																								
	Remarks	Miscellaneous First Bedrock Aquifer Quat. buried Last Strat sand-brown Depth to Bedrock ft Located by Minnesota Department of Health Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 394959 Y 5113597 Unique Number Verification Info/GPS from data Input Date 12/20/2006																								

Angled Drill Hole

Well Contractor

Boart Longyear 2022 RAGER, L.

Licensee Business Lic. or Reg. No. Name of Driller