Minnesota Unique Well Number

807596

County Red Lake
Quad Plummer
Quad ID 364B

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date 02/24/2015
Update Date 07/30/2021
Received Date 01/12/2015

Well Name	Township	Range	Dir	Section	Subsection
JUHL, DAN	151	44	W	13	ADCDBC

Elevation 1056 **Elev. Method** LiDAR 1m DEM (MNDNR)

Address

Contact 18476 32 HY NE RED LAKE FALLS MN 56750

Stratigraphy Information

Geological Material	From	To (ft.)	Color	Hardness
TOP SOIL	0	1	BLACK	SOFT
CLAY	1	11	YELLOW	SOFT
CLAY	11	49	GRAY	SOFT
CLAY	49	108	GRAY	MEDIUM
GRAVEL	108	118	GRAY	SOFT

Remarks

Well Depth 118 ft. **Depth Completed** 118 ft. **Date Well Completed** 09/22/2014

Drill Method Non-specified Rotary **Drill Fluid** Qwik gel

Use domestic **Status** Active

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	110 ft.	lbs./ft.		6.7 in. To	118 ft.

Open Hole From ft. To ft.

Screen? ☒ **Type** stainless **Make** JOHNSON

Diameter	Slot/Gauze	Length	Set	
2 in.	18	8 ft.	110 ft.	118 ft.

Static Water Level
45 ft. land surface Measure 09/22/2014

Pumping Level (below land surface)
118 ft. 2 hrs. Pumping at 75 g.p.m.

Wellhead Completion
Pitless adapter manufacturer BAKER Model 4AOLF
☐ 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	4	Sacks	8 ft.	50 ft.

Nearest Known Source of Contamination
50 feet West Direction Septic tank/drain field Type
Well disinfected upon completion? ☒ Yes ☐ No

Pump ☐ Not Installed Date Installed 09/24/2014
Manufacturer's name SCHAEFER
Model Number HP 0.75 Volt 230
Length of drop pipe 80 ft Capacity 10 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 gravel (+larger)-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 258773 Y 5310026
Unique Number Verification Site Plan Input Date 05/20/2021

Angled Drill Hole

Well Contractor

Blue Water Wells LP	2140	BROVOLD, K.
Licensee Business	Lic. or Reg. No.	Name of Driller