

611548

County Crow Wing
Quad Riverton
Quad ID 211A

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

Entry Date08/26/1998
Update Date02/14/2014
Received Date

Well Name RANWEILER,	Township 134	Range 28	Dir W	Section 23	Subsection BDD	Well Depth 105 ft.	Depth Completed 105 ft.	Date Well Completed 06/02/1998																																
Elevation	Elev. Method					Drill Method Non-specified Rotary	Drill Fluid Bentonite																																	
Address C/W5435 COUNTRY LA N BRAINERD MN 56401						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>40</td><td></td><td></td></tr><tr><td>CLAY</td><td>40</td><td>55</td><td></td><td></td></tr><tr><td>SAND STREAK</td><td>55</td><td>63</td><td></td><td></td></tr><tr><td>CLAY</td><td>63</td><td>98</td><td></td><td></td></tr><tr><td>SAND</td><td>98</td><td>105</td><td></td><td></td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	SAND	0	40			CLAY	40	55			SAND STREAK	55	63			CLAY	63	98			SAND	98	105			Well Hydrofractured?	Yes ☐	No ☐	From	To
						Geological Material	From	To (ft.)	Color	Hardness																														
						SAND	0	40																																
						CLAY	40	55																																
						SAND STREAK	55	63																																
						CLAY	63	98																																
						SAND	98	105																																
						Casing Type	Single casing			Joint																														
						Drive Shoe?	Yes ☐	No ☒	Above/Below																															
						Casing Diameter	Weight			Hole Diameter																														
4 in. To	101 ft.	lbs./ft.		8.8 in. To	105 ft.																																			
Open Hole						From	ft.	To	ft.																															
Screen?	☒	Type	stainless		Make	JOHNSON																																		
Diameter	Slot/Gauze	Length	Set																																					
2 in.	12	4 ft.	101 ft.		105 ft.																																			
Static Water Level						40 ft.	land surface	Measure	06/02/1998																															
Pumping Level (below land surface)						70 ft.	1 hrs.	Pumping at	20 g.p.m.																															
Wellhead Completion						Pitless adapter manufacturerBAKERModelBULLDOG																																		
☐ 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																																
high solids bentonite							0 ft.	30 ft.																																
Nearest Known Source of Contamination						50 feetDirectionSeptic tank/drain fieldType																																		
Well disinfected upon completion?						☒ Yes	☐ No																																	
Pump ☐ Not Installed						Date Installed	06/29/1998																																	
Manufacturer's name						STA-RITE																																		
Model Number						10SP4CO2I	HP	0.5	Volt	230																														
Length of drop pipe						90 ft	Capacity	12 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																																		
Last Strat						Aquifer		Depth to Bedrock		ft																														
Located by																																								
Locate Method																																								
System						UTM - NAD83, Zone 15, Meters		X	Y																															
Unique Number Verification						Input Date																																		
Angled Drill Hole																																								
Well Contractor						Boart Longyear Drilling49588BACKOWSKI, M																																		
Licensee Business						Lic. or Reg. No.		Name of Driller																																