

750055

County Crow Wing
Quad
Quad ID

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

Entry Date02/13/2008
Update Date06/27/2008
Received Date06/28/2007

Well Name DUFFNEY, LEVI					Township 45	Range 28	Dir W	Section 34	Subsection AAB	Well Depth 106 ft.		Depth Completed 106 ft.		Date Well Completed 12/18/2006																															
Elevation					Elev. Method					Drill Method Non-specified Rotary		Drill Fluid Bentonite																																	
Address										Use domestic		Status Active																																	
Contact 25175 18 SH DEERWOOD MN 56444										Well Hydrofractured? Yes ☐ No ☒ From To																																			
Stratigraphy Information										Casing Type Single casing		Joint																																	
<table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>CLAY, ROCKS</td><td>0</td><td>25</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>SAND, GRAVEL</td><td>25</td><td>40</td><td>GRAY</td><td></td></tr><tr><td>SAND, CLAY</td><td>40</td><td>70</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SAND</td><td>70</td><td>88</td><td>GRAY</td><td></td></tr><tr><td>SAND</td><td>88</td><td>106</td><td>BROWN</td><td></td></tr></table>										Geological Material	From	To (ft.)	Color	Hardness	CLAY, ROCKS	0	25	BROWN	MEDIUM	SAND, GRAVEL	25	40	GRAY		SAND, CLAY	40	70	GRAY	MEDIUM	SAND	70	88	GRAY		SAND	88	106	BROWN		Drive Shoe? Yes ☐ No ☐		Above/Below			
Geological Material	From	To (ft.)	Color	Hardness																																									
CLAY, ROCKS	0	25	BROWN	MEDIUM																																									
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4 in. To	98 ft.	lbs./ft.	6.5 in. To	106 ft.																																									
Open Hole										From		ft.		To		ft.																													
Screen? ☒										Type stainless		Make JOHNSON																																	
Diameter										Slot/Gauze		Length		Set																															
2 in.										10		8 ft.		98 ft.		106 ft.																													
Static Water Level										30 ft.		land surface		Measure		12/18/2006																													
Pumping Level (below land surface)										ft.		1 hrs.		Pumping at		40 g.p.m.																													
Wellhead Completion										Pitless adapter manufacturer		MONITOR		Model		SNAPPY																													
☐ 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										2 Sacks		ft. 30		ft.																															
Nearest Known Source of Contamination										50 feet		Direction				Type																													
Well disinfected upon completion?										☒ Yes		☐ No																																	
Pump ☐ Not Installed										Date Installed																																			
Manufacturer's name										STA-RITE																																			
Model Number										HP		0.5		Volt		230																													
Length of drop pipe										40 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																									
Last Strat												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										Hasskamp Bros. Well Drilling										1585		LLOYD																							
Licensee Business												Lic. or Reg. No.				Name of Driller																													