

819220

County Douglas
Quad Lake Osakis
Quad ID 179B

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

Entry Date 11/11/2020
Update Date 12/01/2020
Received Date 11/28/2016

Well Name GRUFFUNDER,	Township 129	Range 36	Dir W	Section 15	Subsection DBDACD	Well Depth 90 ft.	Depth Completed 90 ft.	Date Well Completed 11/10/2016
Elevation 1344	Elev. Method LiDAR 1m DEM (MNDNR)				Drill Method Non-specified Rotary	Drill Fluid Qwik gel		
Address Well 13700 TODDLER LA NE MN						Use domestic	Status Active	
						Well Hydrofractured? Yes ☐ No ☒	From	To
						Casing Type Single casing	Joint	
						Drive Shoe? Yes ☐ No ☐	Above/Below	
Stratigraphy Information						Casing Diameter 4 in. To 84 ft.	Weight lbs./ft.	Hole Diameter 8 in. To 90 ft.
Geological Material						From	To (ft.)	Color
SAND/ GRAVEL						0	47	BROWN
CLAY						47	74	BLUE
SANDY CLAY						74	77	GRAY
SAND FINE						77	90	BROWN
						Open Hole	From	To
						Screen? ☒	Type telescoping	Make JOHNSON
						Diameter	Slot/Gauze	Length
						4 in.	7	4 ft.
								Set
								ft.
								84 ft.
								88 ft.
						Static Water Level		
						7 ft.	land surface	Measure
								11/10/2016
						Pumping Level (below land surface)		
						80 ft.	0.5 hrs.	Pumping at
								80 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
						bentonite	Sacks	To
								ft. 50 ft.
						Nearest Known Source of Contamination		
						feet	Direction	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-brown	Depth to Bedrock
								ft
						Located by		
						Minnesota Geological Survey		
						Locate Method		
						GPS SA Off (averaged) (15 meters)		
						System	UTM - NAD83, Zone 15, Meters	X 330052 Y 5094285
						Unique Number Verification	Tag on well	Input Date
								11/12/2020
						Angled Drill Hole		
						Well Contractor		
						Darin Weisel Well Service	1359	DARIN
						Licenses Business	Lic. or Reg. No.	Name of Driller