

894426

County Itasca
Quad Jessie Lake
Quad ID 325D

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

Entry Date 01/30/2026
Update Date 05/05/2026
Received Date 01/21/2026

Well Name KIRKEVOLD,	Township 148	Range 25	Dir W	Section 28	Subsection DDCCAB	Well Depth 180 ft.	Depth Completed 180 ft.	Date Well Completed 12/20/2025																																													
Elevation 1335	Elev. Method LiDAR 1m DEM (MNDNR)				Drill Method Non-specified Rotary	Drill Fluid Bentonite																																															
Address C/W 50142 N TILLYS RD TALMOON 56637						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>TOP SOIL</td><td>0</td><td>1</td><td>BLACK</td><td>SOFT</td></tr><tr><td>CLAY</td><td>1</td><td>56</td><td>BROWN</td><td>HARD</td></tr><tr><td>ROCKY CLAY GRAVEL</td><td>56</td><td>90</td><td>GRAY</td><td>HARD</td></tr><tr><td>FINE CLAY SAND</td><td>90</td><td>94</td><td>GRAY</td><td>SOFT</td></tr><tr><td>ROCKY CLAY GRAVEL</td><td>94</td><td>148</td><td>GRAY</td><td>HARD</td></tr><tr><td>FINE FINE SAND</td><td>148</td><td>150</td><td>GRAY</td><td>SOFT</td></tr><tr><td>ROCKY CLAY GRAVEL</td><td>150</td><td>175</td><td>GRAY</td><td>HARD</td></tr><tr><td>FINE EVEN SANDS</td><td>175</td><td>180</td><td>TAN</td><td>SOFT</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	1	BLACK	SOFT	CLAY	1	56	BROWN	HARD	ROCKY CLAY GRAVEL	56	90	GRAY	HARD	FINE CLAY SAND	90	94	GRAY	SOFT	ROCKY CLAY GRAVEL	94	148	GRAY	HARD	FINE FINE SAND	148	150	GRAY	SOFT	ROCKY CLAY GRAVEL	150	175	GRAY	HARD	FINE EVEN SANDS	175	180	TAN	SOFT	Well Hydrofractured? Yes ☐ No ☒ From To		
						Geological Material	From	To (ft.)	Color	Hardness																																											
						TOP SOIL	0	1	BLACK	SOFT																																											
						CLAY	1	56	BROWN	HARD																																											
						ROCKY CLAY GRAVEL	56	90	GRAY	HARD																																											
						FINE CLAY SAND	90	94	GRAY	SOFT																																											
						ROCKY CLAY GRAVEL	94	148	GRAY	HARD																																											
						FINE FINE SAND	148	150	GRAY	SOFT																																											
						ROCKY CLAY GRAVEL	150	175	GRAY	HARD																																											
						FINE EVEN SANDS	175	180	TAN	SOFT																																											
Casing Type Single casing Joint																																																					
Drive Shoe? Yes ☐ No ☒ Above/Below																																																					
Casing Diameter 4 in. To 175 ft. lbs./ft.			Hole Diameter 7.8 in. To 180 ft.																																																		
Open Hole <table><tr><td>From</td><td>ft.</td><td>To</td><td>ft.</td></tr><tr><td>Screen? ☒</td><td>Type stainless</td><td colspan="2">Make JOHNSON</td></tr><tr><td>Diameter</td><td>Slot/Gauze</td><td>Length</td><td>Set</td></tr><tr><td>3 in.</td><td>10</td><td>5 ft.</td><td>175 ft. 180 ft.</td></tr></table>						From	ft.	To	ft.	Screen? ☒	Type stainless	Make JOHNSON		Diameter	Slot/Gauze	Length	Set	3 in.	10	5 ft.	175 ft. 180 ft.																																
From	ft.	To	ft.																																																		
Screen? ☒	Type stainless	Make JOHNSON																																																			
Diameter	Slot/Gauze	Length	Set																																																		
3 in.	10	5 ft.	175 ft. 180 ft.																																																		
Static Water Level 2 ft. land surface Measure 12/20/2025																																																					
Pumping Level (below land surface) 180 ft. 2 hrs. Pumping at 20 g.p.m.																																																					
Wellhead Completion Pitless adapter manufacturer MONITOR Model SPK-4 ☐ Casing Protection ☒ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																																																					
Grouting Information Well Grouted? ☒ Yes ☐ No ☐ Not Specified <table><tr><td>Material</td><td>Amount</td><td>From</td><td>To</td></tr><tr><td>pearock</td><td></td><td>50 ft.</td><td>180 ft.</td></tr><tr><td>bentonite</td><td>Sacks</td><td>ft. 50</td><td>ft.</td></tr></table>						Material	Amount	From	To	pearock		50 ft.	180 ft.	bentonite	Sacks	ft. 50	ft.																																				
Material	Amount	From	To																																																		
pearock		50 ft.	180 ft.																																																		
bentonite	Sacks	ft. 50	ft.																																																		
Nearest Known Source of Contamination 56 feet North Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No																																																					
Pump ☐ Not Installed Date Installed 12/20/2025 Manufacturer's name GOULDS Model Number 10CS05 HP 0.5 Volt 230 Length of drop pipe 100 ft Capacity 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 sand-brown 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 436645 Y 5272209 Unique Number Verification Address verification Input Date 05/05/2026																																																					
Angled Drill Hole																																																					
Well Contractor Runyan Well Drilling 1903 VILLENEUVE, D Licensee Business Lic. or Reg. No. Name of Driller																																																					