

798968

County Itasca
Quad Ball Club
Quad ID 298C

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

Entry Date 08/01/2017
Update Date 01/17/2025
Received Date 11/21/2016

Well Name KOUTSKY,	Township 144	Range 26	Dir W	Section 2	Subsection ADBBAC	Well Depth 120 ft.	Depth Completed 118 ft.	Date Well Completed 08/05/2016																																																							
Elevation 1293	Elev. Method LiDAR 1m DEM (MNDNR)				Drill Method Non-specified Rotary	Drill Fluid Bentonite																																																									
Address C/W 51189 WOLF DRIVE DEER RIVER MN 56636						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>FINE SAND</td><td>1</td><td>6</td><td>BROWN</td><td>SOFT</td></tr><tr><td>SILTY SAND</td><td>6</td><td>18</td><td>LT. GRY</td><td>SOFT</td></tr><tr><td>CLAY</td><td>18</td><td>24</td><td>DK. GRY</td><td>SOFT</td></tr><tr><td>SILTY CLAAAY</td><td>24</td><td>50</td><td>GRAY</td><td>SOFT</td></tr><tr><td>STICKY CLAY</td><td>50</td><td>76</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY SAND</td><td>76</td><td>107</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>CLAY SAND</td><td>107</td><td>115</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SAND SEAM</td><td>115</td><td>118</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SANDY CLAY</td><td>118</td><td>120</td><td>GRAY</td><td>MEDIUM</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	1	BLACK	SOFT	FINE SAND	1	6	BROWN	SOFT	SILTY SAND	6	18	LT. GRY	SOFT	CLAY	18	24	DK. GRY	SOFT	SILTY CLAAAY	24	50	GRAY	SOFT	STICKY CLAY	50	76	GRAY	SOFT	CLAY SAND	76	107	GRAY	MEDIUM	CLAY SAND	107	115	GRAY	SOFT	SAND SEAM	115	118	GRAY	SOFT	SANDY CLAY	118	120	GRAY	MEDIUM	Well Hydrofractured? Yes ☐ No ☒ From To		
						Geological Material	From	To (ft.)	Color	Hardness																																																					
						TOP SOIL	0	1	BLACK	SOFT																																																					
						FINE SAND	1	6	BROWN	SOFT																																																					
						SILTY SAND	6	18	LT. GRY	SOFT																																																					
						CLAY	18	24	DK. GRY	SOFT																																																					
						SILTY CLAAAY	24	50	GRAY	SOFT																																																					
						STICKY CLAY	50	76	GRAY	SOFT																																																					
						CLAY SAND	76	107	GRAY	MEDIUM																																																					
						CLAY SAND	107	115	GRAY	SOFT																																																					
SAND SEAM	115	118	GRAY	SOFT																																																											
SANDY CLAY	118	120	GRAY	MEDIUM																																																											
Casing Type Single casing Joint																																																															
Drive Shoe? Yes ☐ No ☒ Above/Below																																																															
Casing Diameter 4 in. To 114 ft. 1.94 lbs./ft.			Hole Diameter 8 in. To 120 ft.																																																												
Open Hole <table><tr><td>Screen? ☒</td><td>Type stainless</td><td>Make JOHNSON</td></tr><tr><td>Diameter 4 in.</td><td>Slot/Gauze 15</td><td>Length 4 ft.</td><td>Set 114 ft.</td><td>118 ft.</td></tr></table>						Screen? ☒	Type stainless	Make JOHNSON	Diameter 4 in.	Slot/Gauze 15	Length 4 ft.	Set 114 ft.	118 ft.																																																		
Screen? ☒	Type stainless	Make JOHNSON																																																													
Diameter 4 in.	Slot/Gauze 15	Length 4 ft.	Set 114 ft.	118 ft.																																																											
Static Water Level 2 ft. land surface Measure 08/15/2016																																																															
Pumping Level (below land surface) 27 ft. 1 hrs. Pumping at 12 g.p.m.																																																															
Wellhead Completion Pitless adapter manufacturer BAKER Model FLOWING ☐ 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>other</td><td>10 Sacks</td><td>110 ft.</td><td>120 ft.</td></tr><tr><td>neat cement</td><td>22 Sacks</td><td>ft. 110</td><td>ft.</td></tr></table>						Material	Amount	From	To	other	10 Sacks	110 ft.	120 ft.	neat cement	22 Sacks	ft. 110	ft.																																														
Material	Amount	From	To																																																												
other	10 Sacks	110 ft.	120 ft.																																																												
neat cement	22 Sacks	ft. 110	ft.																																																												
Nearest Known Source of Contamination <u>100</u> feet <u>Southeas</u> Direction <u>Sewer</u> Type Well disinfected upon completion? ☒ Yes ☐ No																																																															
Pump ☐ Not Installed Date Installed <u>08/30/2016</u> Manufacturer's name <u>GOULDS</u> Model Number <u>10CS05442</u> HP <u>0.5</u> Volt <u>230</u> Length of drop pipe <u>45</u> ft Capacity <u>10</u> g.p. Typ <u>Submersible</u>																																																															
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 <u>Minnesota Geological Survey</u> Locate Method <u>Digitization (Screen) - Map (1:24,000) (15 meters or</u> System <u>UTM - NAD83, Zone 15, Meters</u> X <u>429926</u> Y <u>5241256</u> Unique Number Verification _____ Tax Records _____ Input Date <u>01/09/2025</u>																																																															
Angled Drill Hole																																																															
Well Contractor <u>Leech Lake Drilling</u> <u>2953</u> <u>KMETT,S.</u> Licensee Business _____ Lic. or Reg. No. _____ Name of Driller _____																																																															