

563450

County Pine
Quad Moose Lake
Quad ID 206A

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

Entry Date 05/29/1998
Update Date 02/14/2014
Received Date

Well Name PRACHER,				Township 45	Range 19	Dir W	Section 6	Subsection DAAAA	Well Depth 59 ft.	Depth Completed 59 ft.	Date Well Completed 09/10/1997																												
Elevation 1104				Elev. Method 7.5 minute topographic map (+/- 5 feet)		Drill Method Cable Tool						Drill Fluid																											
Address Contact 8344 61 CH WILLOW RIVER MN 55795 Well RUNESTONE PL STURGEON LAKE MN 55783									Use domestic			Status Active																											
Stratigraphy Information									Well Hydrofractured? Yes ☐ No ☐ From To																														
<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>27</td><td>BROWN</td><td>SOFT</td></tr><tr><td>SANDY CLAY</td><td>27</td><td>45</td><td>BROWN</td><td>SOFT</td></tr><tr><td>SAND GRAVEL</td><td>45</td><td>51</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>SAND FINE</td><td>51</td><td>59</td><td>BROWN</td><td>SOFT</td></tr></table>									Geological Material	From	To (ft.)	Color	Hardness	SAND	0	27	BROWN	SOFT	SANDY CLAY	27	45	BROWN	SOFT	SAND GRAVEL	45	51	BROWN	MEDIUM	SAND FINE	51	59	BROWN	SOFT	Casing Type Single casing				Joint Welded	
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SAND FINE	51	59	BROWN	SOFT																																			
Drive Shoe? Yes ☒ No ☐ Above/Below									Casing Diameter 5 in. To 55 ft. 15 lbs./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 COOK</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>4 ft.</td><td>55 ft. 59 ft.</td></tr></table>				From	ft.	To	ft.	Screen? ☒	Type stainless	Make COOK		Diameter	Slot/Gauze	Length	Set	3 in.	10	4 ft.	55 ft. 59 ft.											
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3 in.	10	4 ft.	55 ft. 59 ft.																																				
Static Water Level									28 ft. land surface Measure 03/11/1997																														
Pumping Level (below land surface)									31 ft. hrs. Pumping at 10 g.p.m.																														
Wellhead Completion									Pitless adapter manufacturer MONITOR Model 8PL5U ☐ Casing Protection ☒ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																														
Grouting Information									Well Grouted? ☒ Yes ☐ No ☐ Not Specified																														
Material bentonite									Amount 1.5 Sacks From To ft. ft.																														
Nearest Known Source of Contamination									110 feet West Direction Septic tank/drain field Type																														
Well disinfected upon completion? ☐ Yes ☐ No																																							
Pump ☐ Not Installed Date Installed 08/16/1997																																							
Manufacturer's name MYERS																																							
Model Number 2NG152-12 HP 0.5 Volt 240																																							
Length of drop pipe 40 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 Aquifer Quat. buried Last Strat sand-brown Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 516490 Y 5139563 Unique Number Verification Tag on well Input Date 09/01/1998																														
Angled Drill Hole																																							
Well Contractor									Klavu Well Drilling 09650 KLAVU, E. Licensee Business Lic. or Reg. No. Name of Driller																														
Remarks																																							