

850408

County Ramsey
Quad Lake Elmo
Quad ID 102B

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

Entry Date09/07/2020
Update Date12/29/2020
Received Date09/01/2020

Well Name BRINK, DOUG Elevation1037 Address Well2698 LINWOOD AV E MAPLEWOOD MN 55119 Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>SOIL</td><td>0</td><td>3</td><td>BLACK</td><td>SOFT</td></tr><tr><td>CLAY & ROCKS</td><td>3</td><td>50</td><td>BROWN</td><td>MED-HRD</td></tr><tr><td>SAND & GRAVEL</td><td>50</td><td>56</td><td>GRAY</td><td>SOFT</td></tr><tr><td>CLAY & ROCKS</td><td>56</td><td>62</td><td>BROWN</td><td>MED-HRD</td></tr><tr><td>DIRTY SAND</td><td>62</td><td>81</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SHALE</td><td>81</td><td>137</td><td>BLUE</td><td>HARD</td></tr><tr><td>LIIMESTONE</td><td>137</td><td>175</td><td>GRAY</td><td>HARD</td></tr><tr><td>SANDSTONE</td><td>175</td><td>300</td><td>WHITE</td><td>SOFT</td></tr><tr><td>SANDSTONE</td><td>300</td><td>360</td><td>WHITE</td><td>MED-HRD</td></tr></table>	Geological Material	From	To (ft.)	Color	Hardness	SOIL	0	3	BLACK	SOFT	CLAY & ROCKS	3	50	BROWN	MED-HRD	SAND & GRAVEL	50	56	GRAY	SOFT	CLAY & ROCKS	56	62	BROWN	MED-HRD	DIRTY SAND	62	81	GRAY	SOFT	SHALE	81	137	BLUE	HARD	LIIMESTONE	137	175	GRAY	HARD	SANDSTONE	175	300	WHITE	SOFT	SANDSTONE	300	360	WHITE	MED-HRD	Well Depth 360 ft. Drill MethodNon-specified Rotary Use domestic Well Hydrofractured? Yes No From To Casing TypeStep down JointWelded Drive Shoe? Yes No Above/Below <table><tr><td>Casing Diameter</td><td>Weight</td><td>Hole Diameter</td></tr><tr><td>4 in. To 325 ft. 10.79 lbs./ft.</td><td></td><td>14 in. To 140 ft.</td></tr><tr><td>8 in. To 140 ft. 28.55 lbs./ft.</td><td></td><td>8 in. To 320 ft.</td></tr></table> Open HoleFrom325 ft.To360 ft. Screen? TypeMake Static Water Level 251 ft. land surfaceMeasure07/24/2020 Pumping Level (below land surface) 260 ft. 2 hrs. Pumping at15 g.p.m. Wellhead Completion Pitless adapter manufacturerMAASSModel4JC1 Casing Protection 12 in. above grade At-grade (Environmental Wells and Borings ONLY) Grouting InformationWell Grouted? X Yes No Not Specified MaterialAmountFromTo neat cement4 Cubic yardsft.140 ft. Nearest Known Source of Contamination 52 feetNorth DirectionSeptic tank/drain field Type Well disinfected upon completion? X Yes No Pump Not InstalledDate Installed08/01/2020 Manufacturer's nameFLOWISE Model NumberP10S15HP1.5Volt230 Length of drop pipe300 ftCapacity10 g.p.TypSubmersible Abandoned Does property have any not in use and not sealed well(s)? Yes X No Variance Was a variance granted from the MDH for this well? Yes X No Miscellaneous First BedrockDecorah ShaleAquiferSt.Peter Last StratSt.Peter SandstoneDepth to Bedrock81 ft Located byMinnesota Department of Health Locate MethodDigitization (Screen) - Map (1:12,000) (>15 meters) SystemUTM - NAD83, Zone 15, MetersX501081Y4974016 Unique Number VerificationInfo/GPS from dataInput Date09/04/2020 Angled Drill Hole Well Contractor Mark J Traut Wells, Inc.1404PERRY/PHIL Licensee BusinessLic. or Reg. No.Name of Driller	Casing Diameter	Weight	Hole Diameter	4 in. To 325 ft. 10.79 lbs./ft.		14 in. To 140 ft.	8 in. To 140 ft. 28.55 lbs./ft.		8 in. To 320 ft.
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