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County Hennepin
Quad Watertown
Quad ID 106A

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

Entry Date05/16/2007
Update Date02/10/2016
Received Date12/04/2006

Well Name PARK PLACE Elevation1023 Address Well9300 NIKE RD WATERTOWN MN 55388 Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>CLAY</td><td>0</td><td>18</td><td>YELLOW</td><td>SOFT</td></tr><tr><td>CLAY</td><td>18</td><td>88</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>CLAY AND SAND</td><td>88</td><td>120</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>CLAY, GRAVEL, AND</td><td>120</td><td>188</td><td>VARIED</td><td>MEDIUM</td></tr><tr><td>ROCK</td><td>188</td><td>230</td><td>VARIED</td><td>HARD</td></tr><tr><td>ROCK AND CLAY</td><td>230</td><td>270</td><td>BLUE</td><td>HARD</td></tr><tr><td>CLAY</td><td>270</td><td>350</td><td>GRAY</td><td>HARD</td></tr><tr><td>SANDSTONE</td><td>350</td><td>369</td><td>WHITE</td><td>MEDIUM</td></tr></table>	Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	18	YELLOW	SOFT	CLAY	18	88	GRAY	MEDIUM	CLAY AND SAND	88	120	GRAY	MEDIUM	CLAY, GRAVEL, AND	120	188	VARIED	MEDIUM	ROCK	188	230	VARIED	HARD	ROCK AND CLAY	230	270	BLUE	HARD	CLAY	270	350	GRAY	HARD	SANDSTONE	350	369	WHITE	MEDIUM	Well Depth369 ft. Drill MethodNon-specified Rotary Use domestic Well Hydrofractured? Yes No From To Casing TypeSingle casingJoint 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</td><td>359 ft. lbs./ft.</td><td>8.6 in. To</td></tr><tr><td></td><td></td><td>3.8 in. To</td></tr></table> Open Hole<table><tr><td>From</td><td>ft.</td><td>To</td><td>ft.</td></tr></table> Screen? Type stainless Make ROSCO MOSS Diameter Slot/Gauze Length Set 2 in. 10 10 ft. 359 ft. 369 ft. Static Water Level 118 ft. land surfaceMeasure10/11/2006 Pumping Level (below land surface) 270 ft.3 hrs. Pumping at30 g.p.m. Wellhead Completion Pitless adapter manufacturerMONITORModelBAK8PL41U 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>high solids bentonite</td><td>22 Sacks</td><td>200 ft.</td><td>342 ft.</td></tr><tr><td>neat cement</td><td>4 Sacks</td><td>342 ft.</td><td>357 ft.</td></tr></table> Nearest Known Source of Contamination 60 feetWest DirectionSeptic tank/drain field Type Well disinfected upon completion? Yes No Pump Not Installed Date Installed10/27/2006 Manufacturer's nameRED JACKET Model Number75F211HP0.75Volt230 Length of drop pipe180 ftCapacity10 g.p.TypSubmersible 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 BedrockWonewoc SandstoneAquiferWonewoc Last StratWonewoc SandstoneDepth to Bedrock350 ft Located byMinnesota Geological Survey Locate MethodDigitization (Screen) - Map (1:24,000) (15 meters or SystemUTM - NAD83, Zone 15, MetersX 440069Y 4976124 Unique Number VerificationName on mailboxInput Date06/13/2014 Angled Drill Hole Well Contractor Ingeside Engineering and2106PRAUGHT, A. Licensee BusinessLic. or Reg. No.Name of Driller	Casing Diameter	Weight	Hole Diameter	4 in. To	359 ft. lbs./ft.	8.6 in. To			3.8 in. To	From	ft.	To	ft.	Material	Amount	From	To	high solids bentonite	22 Sacks	200 ft.	342 ft.	neat cement	4 Sacks	342 ft.	357 ft.
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