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County

St. Louis

Quad

Arnold

Quad ID

244A

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date

05/26/2015

Update Date

11/15/2019

Received Date

03/00/2015

Well NameGOODREAU, Township51 Range14 DirW 14 SubsectionBCAADB Elevation1409 Elev. MethodLiDAR 1m DEM (MNDNR) AddressC/W5446 ARNOLD RD DULUTH MN 55803 Stratigraphy Information Geological MaterialFromTo (ft.)ColorHardnessCLAY086REDMEDIUMGRANITE86225GRAYHARD	Well Depth225 ft. Depth Completed225 ft. Date Well Completed11/05/2014 Drill MethodDriven Drill FluidWater Use domestic StatusActive Well Hydrofractured? Yes No From To Casing TypeSingle casing JointWelded Drive Shoe? Yes No Above/Below Casing DiameterWeightHole Diameter6 in. To 86 ft. 18.97 lbs./ft.6 in. To 225 ft. Open HoleFrom 86 ft. To 225 ft. Screen? Type Make Static Water Level32 ft. land surface Measure11/08/2014 Pumping Level (below land surface)160 ft. 4 hrs. Pumping at10 g.p.m. Wellhead CompletionPitless adapter manufacturer ModelCasing Protection 12 in. above gradeAt-grade (Environmental Wells and Borings ONLY) Grouting InformationWell Grouted? Yes No Not SpecifiedMaterialAmountFrom TobentoniteSacksft. 22 ft. Nearest Known Source of Contamination70 feet East DirectionTypeWell disinfected upon completion? Yes No PumpNot Installed Date InstalledManufacturer's nameModel NumberHPVOLTLength of drop pipeft Capacityg.p. Typ AbandonedDoes property have any not in use and not sealed well(s)? Yes No VarianceWas a variance granted from the MDH for this well? Yes No MiscellaneousFirst Bedrocklayered series @Duluth AquiferDuluth ComplexLast StratDuluth ComplexDepth to Bedrock86 ftLocated byMinnesota Geological SurveyLocate MethodGPS SA Off (averaged) (15 meters)SystemUTM - NAD83, Zone 15, MetersX 569648Y 5194998Unique Number VerificationAddress verificationInput Date07/05/2017 Angled Drill Hole Well ContractorRobert Davidson Well Co.1410GRAVES, A.Licensee BusinessLic. or Reg. No.Name of Driller
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