

719488

County Hennepin  
Quad Mound  
Quad ID 105B

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

Entry Date  
Update Date 03/21/2015  
Received Date 04/04/2005

|                                                       |                                      |             |          |              |                      |                                                                                                                                               |                            |                                   |
|-------------------------------------------------------|--------------------------------------|-------------|----------|--------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| Well Name<br>AGHAMIRZAI,                              | Township<br>117                      | Range<br>24 | Dir<br>W | Section<br>8 | Subsection<br>DACBDC | Well Depth<br>175 ft.                                                                                                                         | Depth Completed<br>173 ft. | Date Well Completed<br>01/18/2005 |
| Elevation<br>956 ft.                                  | Elev. Method<br>LiDAR 1m DEM (MNDNR) |             |          |              |                      | Drill Method<br>Non-specified Rotary                                                                                                          | Drill Fluid<br>Bentonite   |                                   |
| Address<br>Well 1410 PRESERVE BL MINNETRISTA MN 55364 |                                      |             |          |              |                      | Use<br>domestic                                                                                                                               | Status<br>Active           |                                   |
| Stratigraphy Information                              |                                      |             |          |              |                      | Well Hydrofractured?<br>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> From To                                           |                            |                                   |
| Geological Material                                   |                                      |             |          |              |                      | Casing Type<br>Single casing                                                                                                                  | Joint<br>Welded            |                                   |
| CLAY                                                  |                                      |             |          |              |                      | Drive Shoe?<br>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                                                            | Above/Below                |                                   |
| SANDY CLAY                                            |                                      |             |          |              |                      | Casing Diameter<br>4 in.                                                                                                                      | Weight<br>163 ft.          | Hole Diameter<br>8.7 in.          |
| SAND & ROCKS                                          |                                      |             |          |              |                      | 30 ft.                                                                                                                                        |                            |                                   |
| ROCKY CLAY                                            |                                      |             |          |              |                      | 6.2 in.                                                                                                                                       |                            |                                   |
| SAND                                                  |                                      |             |          |              |                      | 175 ft.                                                                                                                                       |                            |                                   |
| SANDY CLAY                                            |                                      |             |          |              |                      |                                                                                                                                               |                            |                                   |
| SAND                                                  |                                      |             |          |              |                      |                                                                                                                                               |                            |                                   |
| SANDY CLAY                                            |                                      |             |          |              |                      |                                                                                                                                               |                            |                                   |
| From To (ft.) Color Hardness                          |                                      |             |          |              |                      | Open Hole From ft. To ft.                                                                                                                     |                            |                                   |
| CLAY 0 15 BROWN SFT-MED                               |                                      |             |          |              |                      | Screen? <input checked="" type="checkbox"/> Type slotted pipe Make PVC                                                                        |                            |                                   |
| SANDY CLAY 15 75 GRAY MEDIUM                          |                                      |             |          |              |                      | Diameter Slot/Gauze Length Set                                                                                                                |                            |                                   |
| SAND & ROCKS 75 95 BROWN SOFT                         |                                      |             |          |              |                      | 4 in. 15 10 ft. 163 ft. 173 ft.                                                                                                               |                            |                                   |
| ROCKY CLAY 95 128 BROWN MEDIUM                        |                                      |             |          |              |                      |                                                                                                                                               |                            |                                   |
| SAND 128 145 BROWN SOFT                               |                                      |             |          |              |                      |                                                                                                                                               |                            |                                   |
| SANDY CLAY 145 155 BROWN MEDIUM                       |                                      |             |          |              |                      |                                                                                                                                               |                            |                                   |
| SAND 155 173 VARIED SOFT                              |                                      |             |          |              |                      |                                                                                                                                               |                            |                                   |
| SANDY CLAY 173 175 BROWN MEDIUM                       |                                      |             |          |              |                      |                                                                                                                                               |                            |                                   |
|                                                       |                                      |             |          |              |                      | Static Water Level                                                                                                                            |                            |                                   |
|                                                       |                                      |             |          |              |                      | 53 ft. land surface Measure 12/16/2004                                                                                                        |                            |                                   |
|                                                       |                                      |             |          |              |                      | Pumping Level (below land surface)                                                                                                            |                            |                                   |
|                                                       |                                      |             |          |              |                      | 150 ft. 3 hrs. Pumping at 27.5 g.p.m.                                                                                                         |                            |                                   |
|                                                       |                                      |             |          |              |                      | Wellhead Completion                                                                                                                           |                            |                                   |
|                                                       |                                      |             |          |              |                      | Pitless adapter manufacturer WHITEWATER Model                                                                                                 |                            |                                   |
|                                                       |                                      |             |          |              |                      | <input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade                                                        |                            |                                   |
|                                                       |                                      |             |          |              |                      | <input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)                                                                      |                            |                                   |
|                                                       |                                      |             |          |              |                      | Grouting Information Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified |                            |                                   |
|                                                       |                                      |             |          |              |                      | Material Amount From To                                                                                                                       |                            |                                   |
|                                                       |                                      |             |          |              |                      | high solids bentonite 3 Sacks ft. 30 ft.                                                                                                      |                            |                                   |
|                                                       |                                      |             |          |              |                      | Nearest Known Source of Contamination                                                                                                         |                            |                                   |
|                                                       |                                      |             |          |              |                      | 20 feet South Direction Septic tank/drain field Type                                                                                          |                            |                                   |
|                                                       |                                      |             |          |              |                      | Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                         |                            |                                   |
|                                                       |                                      |             |          |              |                      | Pump <input type="checkbox"/> Not Installed Date Installed 01/18/2005                                                                         |                            |                                   |
|                                                       |                                      |             |          |              |                      | Manufacturer's name RED JACKET                                                                                                                |                            |                                   |
|                                                       |                                      |             |          |              |                      | Model Number HP 0.5 Volt 220                                                                                                                  |                            |                                   |
|                                                       |                                      |             |          |              |                      | Length of drop pipe 80 ft Capacity 12 g.p. Typ Submersible                                                                                    |                            |                                   |
|                                                       |                                      |             |          |              |                      | Abandoned                                                                                                                                     |                            |                                   |
|                                                       |                                      |             |          |              |                      | Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                 |                            |                                   |
|                                                       |                                      |             |          |              |                      | Variance                                                                                                                                      |                            |                                   |
|                                                       |                                      |             |          |              |                      | Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                        |                            |                                   |
|                                                       |                                      |             |          |              |                      | Miscellaneous                                                                                                                                 |                            |                                   |
|                                                       |                                      |             |          |              |                      | First Bedrock Aquifer Quat. buried                                                                                                            |                            |                                   |
|                                                       |                                      |             |          |              |                      | Last Strat clay+sand-brown Depth to Bedrock ft                                                                                                |                            |                                   |
|                                                       |                                      |             |          |              |                      | Located by Minnesota Geological Survey                                                                                                        |                            |                                   |
|                                                       |                                      |             |          |              |                      | Locate Method GPS SA Off (averaged) (15 meters)                                                                                               |                            |                                   |
|                                                       |                                      |             |          |              |                      | System UTM - NAD83, Zone 15, Meters X 442345 Y 4978108                                                                                        |                            |                                   |
|                                                       |                                      |             |          |              |                      | Unique Number Verification Address verification Input Date 06/13/2014                                                                         |                            |                                   |
|                                                       |                                      |             |          |              |                      | Angled Drill Hole                                                                                                                             |                            |                                   |
|                                                       |                                      |             |          |              |                      | Well Contractor                                                                                                                               |                            |                                   |
|                                                       |                                      |             |          |              |                      | Bergerson-Caswell 27058 FELTMANN, T.                                                                                                          |                            |                                   |
|                                                       |                                      |             |          |              |                      | Licensee Business Lic. or Reg. No. Name of Driller                                                                                            |                            |                                   |
| Remarks                                               |                                      |             |          |              |                      |                                                                                                                                               |                            |                                   |

Minnesota Well Index Report

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Printed on 08/13/2026  
HE-01205-15