

270795

County Ramsey  
Quad White Bear  
Quad ID 119D

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

Entry Date 10/13/2009  
Update Date 10/07/2021  
Received Date

|                                                                                                            |                                             |                     |                            |                             |                                                                                                                                                                                                                                                                                                                                                         |                                   |                                          |
|------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------|----------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>Well Name</b><br>HOUG,                                                                                  | <b>Township</b><br>30                       | <b>Range</b><br>23  | <b>Dir Section</b><br>W 25 | <b>Subsection</b><br>BBCDCB | <b>Well Depth</b><br>128 ft.                                                                                                                                                                                                                                                                                                                            | <b>Depth Completed</b><br>128 ft. | <b>Date Well Completed</b><br>07/20/1960 |
| <b>Elevation</b><br>901 ft.                                                                                | <b>Elev. Method</b><br>LiDAR 1m DEM (MNDNR) | <b>Drill Method</b> |                            |                             |                                                                                                                                                                                                                                                                                                                                                         | <b>Drill Fluid</b>                |                                          |
| <b>Address</b><br><br>Well 581 GRAMSIE RD SHOREVIEW MN                                                     |                                             |                     |                            |                             | <b>Use</b><br>domestic                                                                                                                                                                                                                                                                                                                                  | <b>Status</b><br>Unknown          |                                          |
| <b>Stratigraphy Information</b><br>Geological Material From To (ft.) Color Hardness<br>SCREENED WELL 0 128 |                                             |                     |                            |                             | <b>Well Hydrofractured?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> <b>From</b> <b>To</b>                                                                                                                                                                                                                                              |                                   |                                          |
|                                                                                                            |                                             |                     |                            |                             | <b>Casing Type</b> <b>Joint</b>                                                                                                                                                                                                                                                                                                                         |                                   |                                          |
|                                                                                                            |                                             |                     |                            |                             | <b>Drive Shoe?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> <b>Above/Below</b>                                                                                                                                                                                                                                                          |                                   |                                          |
|                                                                                                            |                                             |                     |                            |                             | <b>Casing Diameter</b> <b>Weight</b><br>3 in. To 128 ft. lbs./ft.                                                                                                                                                                                                                                                                                       |                                   |                                          |
|                                                                                                            |                                             |                     |                            |                             | <b>Open Hole</b> From ft. To ft.                                                                                                                                                                                                                                                                                                                        |                                   |                                          |
|                                                                                                            |                                             |                     |                            |                             | <b>Screen?</b> <input checked="" type="checkbox"/> <b>Type</b> <b>Make</b> JOHNSON<br>Diameter Slot/Gauze Length Set<br>in. 10 ft. ft. ft.                                                                                                                                                                                                              |                                   |                                          |
|                                                                                                            |                                             |                     |                            |                             | <b>Static Water Level</b>                                                                                                                                                                                                                                                                                                                               |                                   |                                          |
|                                                                                                            |                                             |                     |                            |                             | <b>Pumping Level (below land surface)</b><br>63 ft. 2 hrs. Pumping at 20 g.p.m.                                                                                                                                                                                                                                                                         |                                   |                                          |
|                                                                                                            |                                             |                     |                            |                             | <b>Wellhead Completion</b><br>Pitless adapter manufacturer Model<br><input type="checkbox"/> Casing Protection <input type="checkbox"/> 12 in. above grade<br><input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)                                                                                                                  |                                   |                                          |
|                                                                                                            |                                             |                     |                            |                             | <b>Grouting Information</b> Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified                                                                                                                                                                                                               |                                   |                                          |
| <b>Remarks</b><br>HILLS OF OAKS BLK 5, LOT 33.                                                             |                                             |                     |                            |                             | <b>Nearest Known Source of Contamination</b><br>feet Direction Type<br>Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                            |                                   |                                          |
|                                                                                                            |                                             |                     |                            |                             | <b>Pump</b> <input type="checkbox"/> Not Installed Date Installed<br>Manufacturer's name<br>Model Number HP Volt<br>Length of drop pipe ft Capacity g.p. Typ                                                                                                                                                                                            |                                   |                                          |
|                                                                                                            |                                             |                     |                            |                             | <b>Abandoned</b><br>Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                  |                                   |                                          |
|                                                                                                            |                                             |                     |                            |                             | <b>Variance</b><br>Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                          |                                   |                                          |
|                                                                                                            |                                             |                     |                            |                             | <b>Miscellaneous</b><br>First Bedrock Aquifer Quaternary<br>Last Strat Quaternary deposit Depth to Bedrock ft<br>Located by Minnesota Geological Survey<br>Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or<br>System UTM - NAD83, Zone 15, Meters X 490146 Y 4989780<br>Unique Number Verification Tax Records Input Date 08/09/2021 |                                   |                                          |
|                                                                                                            |                                             |                     |                            |                             | <b>Angled Drill Hole</b>                                                                                                                                                                                                                                                                                                                                |                                   |                                          |
|                                                                                                            |                                             |                     |                            |                             | <b>Well Contractor</b><br>Licensee Business Lic. or Reg. No. CARROLL, J.<br>Name of Driller                                                                                                                                                                                                                                                             |                                   |                                          |