



OWNER: Ingleside Fairway Motor Inn  
DRILLER: Sydnor Well & Pump Co., Inc.  
COUNTY: Augusta (Staunton)

VDMR: 1661  
WWCR: 362  
TOTAL DEPTH: 290'

GEOLOGIC LOG

Depth in feet

- 0-10 Limestone - gray- to dark-gray, finely crystalline, argillaceous; scattered, rounded, coarse sand grains, some tan chert; weathered clays.
- 10-28 Limestone - gray, some white mottling, finely crystalline; some black chert, some calcite veins.
- 28-43 Limestone - dark-gray to light-gray, mottled, finely crystalline, platy, slightly argillaceous.
- 43-58 " vein calcite.
- 58-73 Dolomite - gray, finely crystalline, few calcite crystals.
- 73-88 Limestone - gray, whitish, mottled, finely crystalline; disseminated, rounded, frosted, coarse sand grains, slightly argillaceous.
- 88-103 " with trace of black chert.
- 103-118 Dolomite - medium gray, finely crystalline, calcareous; traces of pyrite, some dolomite crystals, hard.
- 118-133 " with light yellow-orange mud stains on few bedding planes.
- 133-148 Dolomite - gray to dark-gray, finely crystalline; dolomite and calcite veins, slightly argillaceous.
- 148-163 " with few disseminated sand grains.
- 163-178 Limestone - dark-gray, finely crystalline, slightly argillaceous.
- 178-193 Limestone - dark-gray, whitish, finely crystalline, mottled; some calcite and pyrite crystals.
- 193-208 " few disseminated calcite crystals and sand grains.
- 208-223 Limestone - medium-gray, calcarenitic, few disseminated sand grains, small dark oolites, few large calcite crystals.
- 223-238 "

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- 238-253 Limestone - medium-gray, calcarenitic, few disseminated sand grains, small dark oolites, few large calcite crystals, with tan to pink discolored calcarenites, few calcite crystals.
- 253-268 " and numerous calcite crystals, slightly vuggy, silty, traces of chert, numerous large, rounded, frosted sand grains, some yellowish clay.
- 268-283 Limestone - light-blue-gray, white- to light-tan, granular to fine, crystalline, vuggy with fine calcareous boxwork, many clear calcite crystals, traces of yellow-tan clay.
- 283-290 No samples

GEOLOGIC SUMMARY

|         | <u>Rock Unit</u>      | <u>Age</u> |
|---------|-----------------------|------------|
| 0-283   | Beekmantown Formation | Ordovician |
| 283-290 | No samples            |            |

Virginia Division of Mineral Resources  
 Warren J. Souder, Geologist  
 July 1966