

OWNER: Ted P. Flemming
DRILLER: Sydnor Pump & Well Co.
COUNTY: Shenandoah

VDMR # 730
WWCR # 195
TOTAL DEPTH : 183

GEOLOGIC LOG

- 0-50 No samples (top of bedrock in this interval)
- 50 Dolomite - light gray, weathered, hard, dense, fine grained, slightly calcareous, silty, trace of red mud and white clay
- 65 Dolomite - light gray, hard, dense, microcrystalline, moderately calcareous, siliceous, slight trace of weathering
- 80 Dolomite - light gray with some yellow (iron stain), hard, dense, fine grained to microcrystalline, moderately calcareous, siliceous, trace of red mud
- 95 Dolomite - light gray with trace of dark gray, hard, dense, fine grained to microcrystalline, siliceous, moderately calcareous, trace of weathering
- 105 Dolomite - light gray, hard, dense, microcrystalline, moderately calcareous, siliceous, trace of calcite vein material (X-ray: 70% dolomite, 10% calcite, 10% quartz, 5% feldspar, 3% clay)
- 120 Dolomite - light gray, hard, dense, microcrystalline, moderately calcareous, siliceous, trace of calcite vein material, 30% black, hard, sericitic shale
- 135 Dolomite - light gray, hard, dense, microcrystalline, moderately calcareous, siliceous, trace of calcite vein material and black shale, slight trace of pyrite
- 150 Dolomite - light gray, hard, dense, microcrystalline, moderately calcareous, siliceous, trace of calcite vein material, slight trace of iron oxide
- 156-163 Dolomite - light gray, hard, dense, broken surfaces coated with iron oxide, fine grained, slightly calcareous, siliceous
- 165 Dolomite - light gray to brown, hard, dense, broken surfaces coated with iron oxide, fine grained, moderately calcareous, siliceous
- 180 Dolomite - light gray, hard, dense, fine grained, moderately calcareous, siliceous, trace of calcite vein material and iron oxide

OWNER: Ted P. Flemming (continued)

#730

GEOLOGIC SUMMARY

AGE

ROCK UNIT

Ordovician

Beekmantown dolomite

Virginia Division of Mineral Resources
Merrick S. Whitfield - Geologist
January 29, 1963