

OWNER: M. L. McManaway
DRILLER: Sydnor Pump and Well Co., Inc.
COUNTY: Augusta (Churchville)

VDMR # 723
WWCR # 261
TOTAL DEPTH : 242

SAMPLE DESCRIPTIONS
(Washed Samples)

- 0-63 No samples (top of bedrock in this interval)
- 63 Dolomite - light to medium gray, hard, dense, fine grained, silty, moderately calcareous, heavy trace of weathering, traces of iron oxide and calcite vein material
- 78 Dolomite - light to medium gray, hard, dense, fine grained, silty, moderately calcareous, traces of weathering and calcite vein material, slight trace of iron oxide
- 93 Dolomite - light gray, hard, dense, fine grained, silty, moderately calcareous, traces of weathering, calcite vein material, and iron oxide
- 108 Dolomite - light gray, hard, dense, fine grained, silty, moderately calcareous, traces of weathering and small calcite crystals, slight trace of iron oxide
- 123 Dolomite - light to medium gray, hard, dense, fine grained, silty, moderately calcareous, heavy traces of weathered dolomite, calcite vein material and iron oxide (X-ray analysis: 60% dolomite, 25% calcite, 13% quartz)
- 138 Dolomite - medium gray, hard, dense, microcrystalline, slightly calcareous, slight traces of calcite vein material and iron oxide (X-ray analysis: 85% dolomite, 10% quartz, 3% calcite)
- 153 Dolomite - light to medium gray, hard, dense, fine grained to microcrystalline, slightly calcareous, heavy trace of calcite vein material, trace of iron oxide
- 168 Dolomite - light to medium gray, hard, dense, fine grained to microcrystalline, slightly calcareous, traces of calcite vein material and iron oxide
- 183 Dolomite - medium gray, hard, dense, microcrystalline, trace of calcite vein material, slight trace of iron oxide
- 198 Dolomite - medium gray, hard, dense, microcrystalline, traces of calcite and iron oxide

OWNER: M. L. McManaway (continued)

#723

- 213 Dolomite - medium gray, hard, dense, fine grained to microcrystalline
- 222-226 Dolomite - medium gray, hard, dense, fine grained to microcrystalline, slightly calcareous, 20% brown weathered dolomite and mud
- 228 Dolomite - medium gray, hard, dense, fine grained to microcrystalline, slightly calcareous, 40% yellow weathered dolomite with some mud
- 243 Dolomite - medium gray, hard, dense, fine grained to microcrystalline, slightly calcareous, 50% yellow weathered dolomite with some mud

GEOLOGIC SUMMARY

AGE

Cambrian

ROCK UNIT

Elbrook dolomite

Virginia Division of Mineral Resources
Merrick S. Whitfield - Geologist
January 28, 1963