

OWNER: Richard H. Collins
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: Augusta (Churchville)

VDMR # 724
WWCR # 260
TOTAL DEPTH : 93'

SAMPLE DESCRIPTION
(Washed Samples)

- 0-15 No sample (top of bedrock in this interval)
- 15 Limestone - dark gray, fine grained, hard, dense, highly calcareous, trace of calcite vein material, slight trace of yellow (iron stain) sandstone.
(X-ray analysis: 75% calcite, 15% dolomite, 4% feldspar, 4% quartz)
- 30 Limestone - dark gray, fine grained, hard, dense, highly calcareous, heavy trace of calcite vein material
- 45 Limestone - dark gray, fine grained, hard, dense, highly calcareous, trace of calcite vein material, slight trace of iron oxide and pyrite
- 60 Limestone - dark gray, fine grained, hard, dense, highly calcareous, trace of calcite vein material, slight trace of pyrite
- 75 Limestone - dark gray, fine grained, hard, dense, highly calcareous, trace of calcite vein material, 40% yellow (iron stained) moderately hard, permeable, feldspathic siltstone
- 90 Limestone - white, intercalated with fine, brown siltstone, fine grained, hard, dense, highly calcareous, trace of iron oxide
(X-ray analysis: 85% calcite, 7% dolomite, 6% quartz)

GEOLOGIC SUMMARY

<u>AGE</u>	<u>UNIT OR FORMATION</u>
Upper Cambrian	Conococheague limestone

Virginia Division of Mineral Resources
Merrick S. Whitfield - Geologist
December 26, 1962