



OWNER: G. D. Bowman Apple Products, Inc. VDMR: 867  
DRILLER: Sydnor Pump & Well Co., Inc. WWCR: 205  
COUNTY: Shenandoah (Forestville) TOTAL DEPTH: 500'

### GEOLOGIC LOG

0-13 Clay - orange, fine grained, very silty, calcareous

13 Dolomite - medium gray, hard, dense, fine grained, very calcareous, siliceous (top of bedrock above this depth)

13-54 Dolomite - medium gray, hard, dense, fine grained, calcareous, siliceous, trace of calcite vein material

54-100 As above

100-130 Dolomite - medium gray, hard, dense, fine grained, very calcareous and siliceous, heavy trace of calcite vein material (X-ray analysis: 70 % dolomite, 15% calcite, 15 % quartz)

130-150 Dolomite - medium gray, hard, dense, fine grained very calcareous, siliceous

150-160 Dolomite - medium gray with some iron stains, hard, dense, fine grained, calcareous, siliceous

160-200 Dolomite - medium gray, hard, dense, fine grained, calcareous, siliceous, slight trace of calcite vein material

200-220 As above

220-230 As above

230-250 As above

250-270 As above

270-290 As above

290-310 As above

310-330 As above

330-350 As above

- 350-370 Dolomite - medium gray, hard, dense, fine grained, very calcareous and siliceous, trace of calcite vein material (X-ray analysis: 70 % dolomite, 20% calcite, 10 % quartz)
- 370-390 Dolomite - medium gray, hard, massive, fine grained, trace of calcite vein material
- 390-410 As above
- 410-430 Dolomite - medium gray, hard, massive, fine grained, heavy trace of chert, trace of calcite vein material
- 430-450 As above
- 450-470 As above
- 470-490 Dolomite - medium gray, hard, massive, fine grained, heavy trace of chert, trace of calcite vein material, slight trace of pyrite
- 490-500 Dolomite - medium gray, hard, massive, fine grained, heavy trace of chert, trace of calcite vein material (X-ray analysis: 85% dolomite, 10 % chert, 5 % calcite)

## GEOLOGIC SUMMARY

AGE

Ordovician

ROCK UNIT

Beekmantown formation

Virginia Division of Mineral Resources  
 Merrick S. Whitfield - Geologist  
 July 26, 1963