



OWNER: Burton Conway  
DRILLER: Sydnor Pump & Well Co., Inc.  
COUNTY: Shenandoah (New Market)

VDMR # 845  
WWCR # 204  
TOTAL DEPTH : 153'

GEOLOGIC LOG

- 25 Siltstone - calcareous, silty, locally shaly, light to medium gray, moderately hard, tough, poor to fair fissility, calcareous, argillaceous, with; rare muscovite, abundant veinlets of milky-white calcite and rare carbonaceous material (X-ray analysis: calcite 45%, quartz 25%, clay minerals 20%, dolomite 5%, plagioclase 5%).
- 60 Shale - silty, medium to dark gray, moderately hard, brittle, poor to fair fissility, calcareous, argillaceous, with; rare muscovite, abundant calcite veinlets, rare carbonaceous material and iron oxide stains.
- 100 As above
- 138 As above, with abundant pyrite concretions.
- 153 Siltstone - locally shaly, light to dark gray, moderately hard, brittle, no apparent bedding to poorly fissile, calcareous, siliceous, argillaceous, with; abundant biotite, common muscovite, calcite veinlets, and carbonaceous material.

GEOLOGIC SUMMARY

<u>AGE</u>	<u>ROCK UNIT</u>
Ordovician	Martinsburg formation

Virginia Division of Mineral Resources  
John M. Wilson - Geologist  
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