



OWNER: Thomas D. Bartley, II  
DRILLER: Sydnor Pump & Well Co.  
COUNTY: Augusta (Hermitage)

VDMR # 550  
WWCR # 7  
TOTAL DEPTH : 500'

GEOLOGIC LOG

- 0-20 Mostly light-grey to dark-grey, microcrystalline chert, some pieces are pitted, some have slickensides. Some cream colored, highly weathered dolomite chips are present. Ironstaining.
- 20-40 White to dark grey chert microcrystalline; often a blotched mixture of greys, some weathered dolomite. Some iron coatings on cuttings.
- 40-100 Medium grey, crystalline dolomite, with minor light-grey, microcrystalline chert. Rare ironstaining.
- 100-150 Dark-medium grey, crystalline dolomite with some calcite veins and blotchy light to dark grey chert. Some travertine-like quartz.
- 150-200 Fresh, medium grey, microcrystalline dolomite with pyrite cubes. Rare chert.
- 200-250 As above with rare pyrite
- 250-300 Fresh, dark grey crystalline dolomite, with dolomite veins and rare pyrite. No chert.
- 300-350 Fresh, medium-grey, crystalline dolomite with rare pyrite cubes. No chert.
- 350-400 Light to medium-grey, crystalline dolomite with calcite along joint surfaces. Rare pyrite.
- 400-450 Light grey, crystalline dolomite with rare pyrite cubes.
- 450-500 Medium-grey, crystalline dolomite with dolomite veins and rare pyrite cubes.

GEOLOGIC SUMMARY

<u>AGE</u>	<u>ROCK UNIT</u>
Ordovician	Beekmantown Fm. (middle part)

Virginia Division of Mineral Resources  
John L. Sullivan - Geologist  
November 22, 1976