



OWNER: Virgil Gore and Company  
(Bellwood Hills Subdivision #2)  
DRILLER: Sydnor Pump and Well Company, Inc.  
COUNTY: Augusta (Fort Defiance)

VDMR #1357  
WWCR #341  
TOTAL DEPTH: 451'

GEOLOGIC LOG

- 0-30 No sample.
- 30-46 Dolomitic Limestone — dark-gray, finely crystalline to aphanogranular; dusty pyrite; the aphanogranular portion is less dolomitic.
- 76 Dolomite — medium-blue-gray, fine-grained, argillaceous; minor pyrite and carbonaceous stylolites.
- 91-92 Dolomite — medium-dark-blue-gray, coarsely crystalline, minor fine-grained dolomite.
- 96 Dolomite — medium-light-blue-gray, massive, slightly argillaceous.
- 112-113 Siliceous Residuum Leached from Dolomite — very-pale-yellow-brown, a sand laminae cemented by silica.
- 118 Leached Siliceous Dolomite — medium-gray, fine- to coarsely crystalline, with pale-yellow-brown spongy siliceous residuum, trace siltstone.
- 121 Dolomite — medium-dark to dark-gray, coarsely-crystalline; trace white vein dolomite and gray-brown chert.
- 136 Dolomite — medium-dark to dark-gray, very-finely crystalline, dusty pyrite.
- 155 As above.
- 181 Dolomite — medium-grained, aphanogranular, minor pyrite.
- 182 As above.
- 193 Dolomite — dark-gray, finely crystalline, minor white vein dolomite, trace quartz sand grains; trace pyrite.
- 211 Dolomite — medium-dark-blue-gray, fine- to coarsely-crystalline, carbonaceous partings.
- 226 Dolomite — medium-dark-gray, finely-crystalline, minor pyrite, vein dolomite.
- 236 Calcareous Dolomite — light- to medium-dark-gray, fine-grained, minor vein calcite, minor buff colored limestone.

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- 265 Dolomite -- medium- to medium-dark-gray, fine- to medium crystalline; minor black- to light-gray chert.
- 292 As above -- medium crystalline; no chert; with minor white veins of dolomite.
- 331 As above.
- 346 Dolomite -- medium-gray, finely-crystalline, trace white dolomite veins.
- 376 Dolomite -- medium-dark-gray, medium crystalline; minor white vein dolomite; trace pyrite.
- 381-406 Dolomite -- medium-gray, medium crystalline; abundant black chert; minor white vein dolomite.
- 406-421 Dolomite -- medium-dark-gray, finely crystalline; trace white vein dolomite; trace pyrite.
- 421-424 Dolomite -- light-gray to medium-dark-gray; finely crystalline; abundant black chert, trace pyrite.
- 424-436 Dolomite -- medium-dark-blue-gray, fine- to medium-crystalline; black chert; minor white veins of dolomite.
- 436-451 Dolomite -- medium-light-gray, very-fine-grained; interbedded with minor medium-dark-gray, medium crystalline, dolomite with trace pyrite; minor light-gray to black chert.

GEOLOGIC SUMMARY

<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-30 No sample	
30-451 Beekmantown Formation	Ordovician

Virginia Division of Mineral Resources  
 Hollis N. Walker, Geologist  
 October 5, 1965