



OWNER: Commonwealth of Virginia  
Convict Camp No. 8  
DRILLER: Sydnor Pump and Well Co., Inc.  
COUNTY: Rockingham (Linville)

VDMR #1199  
WWCR #490  
TOTAL DEPTH: 390'

GEOLOGIC LOG

- 0-80 Overburden — light-brown, sandy clay, small manganese iron nodules, blebs of quartz, slightly calcareous.
- 80-86 Overburden — light-orange-brown, sandy clay, fragments medium-light-gray crystalline dolomite; vein dolomite.
- Beekmantown Formation (86-383')
- 86-101 Dolomite — medium-gray-brownish, argillaceous in part; arenite, crystallized; white veins coarse dolomite and calcite; minor very finely crystallized calcareous dolomite; minor calcareous clay.
- 101-115 As above.
- 115-128 Dolomite — medium-dark-gray; medium- to fine-crystallized; white veins of coarsely crystallized dolomite and calcite; minor dark-gray to medium-gray chert and light-brown dolomite.
- 128-143 No sample.
- 143-158 Dolomite — medium-dark-gray; medium-grained; white veins of coarsely crystallized dolomite and calcite; minor light-brown dolomite.
- 158-173 As above.
- 173-188 As above — with light-brown chert.
- 188-203 Dolomite and Shale — medium-dark-gray, brownish, medium-grained crystallized dolomite; medium-orange-brown shale poorly developed bedding, minor dark-gray chert; calcite and dolomite veins.
- 203-218 As above — less shale; more chert.
- 218-233 Dolomite — medium- to light-gray, medium- to fine-crystallized; dark-gray, light-gray and porous red chert.
- 233-248 Dolomite — medium-light-gray, medium- to fine-crystalline; veined calcite and dolomite.
- 248-263 Dolomite — medium-dark-gray, brownish, medium- to fine-crystalline; minor white vein dolomite and light-gray chert.

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#1199

- 263-278 Dolomite — medium-dark-gray and buff; medium- and fine-grained; minor light- and dark-gray chert and calcite veins.
- 278-293 **As above** — fine-grained only; no chert and with iron oxide rich lamina and/or veins.
- 293-308 **As above.**
- 308-323 **As above.**
- 323-338 **As above.**
- 338-353 Dolomite — dark-gray to medium-light-gray; medium-grained crystallized; minor medium-gray chert; trace iron oxide.
- 353-368 Dolomite — medium-dark-gray, medium- to fine-crystalline; white dolomite veins; minor buff nearly white siltstone.
- 368-383 **As above** — minor iron oxide.
- 383-390 No sample.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-86	Overburden	Recent
86-383	Beekmantown Formation	Ordovician
383-390	No sample	

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
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