

OWNER: Kwaliteed Hatchery, Inc., Farm No. 3
DRILLER: Sydnor Pump and Well Co., Inc.
COUNTY: Rockingham (Pineville)

VDMR #1457
WWCR #541
TOTAL DEPTH: 184'

GEOLOGIC LOG

- 0-74 No sample.
- 74-91 Sandy Dolomite — light-gray, fine-grained with silt and coarse rounded quartz sand; minor light- to dark-gray chert and vein dolomite.
- 75-76 Dolomite and Chert — light-gray to buff, medium-crystalline dolomite with trace of silicified bryozoa; medium-gray chert; minor vein quartz.
- 91-106 Dolomite — medium-blue-gray, medium-finely crystalline; minor blue-gray chert; trace pyrite.
- 106-121 Cave Opening — light-brown to medium-gray, fine-grained siliceous dolomite; medium-gray chert stained with iron oxides; thin plates of vein quartz that have been etched out of carbonate rock.
- 121-136 As above — with dark-gray, fine-grained dolomite with tiny quartz veins.
- 136-151 As above — no dark-gray dolomite, less chert; with buff-colored, fine- to coarse crystalline dolomite.
- 151-184 No sample.

GEOLOGIC SUMMARY

Too few samples to permit determination of the formation. However it is probably either the Beekmantown Formation of Ordovician Time or the Conococheague Formation of Cambrian Time.

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
January 28, 1966