



OWNER: H & S Joint Ventures  
DRILLER: Sydnor Pump & Well Co., Inc.  
COUNTY: Albemarle (Simeon)

VDMR #1380  
WWCR #966  
TOTAL DEPTH: 100'

GEOLOGIC LOG

- 0-18 Residual Greenstone — red-orange; clay, iron oxide, fragments of vein quartz, fine-grained sandstone, and weathered greenstone.
- 18-19 Weathered Greenstone — medium-green-brown, fine-grained, slightly foliated; chlorite, epidote, plagioclase, sericite, minor clay, iron oxide and magnetite.
- 19-25 Greenstone — light-yellow-gray-green, fine-grained, slightly foliated; chlorite, epidote, sericite, minor magnetite.
- 25-38 As above — very slightly weathered.
- 38-46 As above.
- 46-61 As above — more weathered.
- 61-71 Fractured Greenstone — medium-dark-blue-brown to buff and orange; fine-grained; chlorite, sericite, clay, magnetite, epidote, and iron oxides.
- 71-81 As above — two-thirds of this sample is fresh and unaltered; one-third very soft and weathered.
- 81-91 Fractured Metamorphosed Basalt — dark blue-gray; fine-grained; amygdaloidal in part; plagioclase, epidote, magnetite, chlorite; one-fourth of this sample is pale orange-brown from weathering.
- 91-100 As above — slightly lighter color; only a trace of weathered material.

GEOLOGIC SUMMARY

ROCK UNIT

Catoctin Formation

TIME ROCK UNIT

Precambrian ?

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
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