



OWNER: Robert Liberty  
DRILLER: Leazer Pump & Well Co., Inc. (Embrey)  
COUNTY: Prince William (Nokesville)

VDMR #1488  
WWCR #287  
TOTAL DEPTH: 75'

### GEOLOGIC LOG

0-10 Overburden — brown micaceous clay, rounded coarse sand and granules of heavily iron stained quartz, angular fragments (up to 6 mm) of dark green amphibolite.

#### Metamorphosed Tuff or Basalt (10-35')

10-20 Weathered Greenstone — light-greenish-brown, very fine-grained; amphibole, sericite, carbonates, chlorite; minor quartz, magnetite and hydrous iron oxides.

20-30 "

30-35 "

#### Metamorphosed Basalt (35-70')

35-40 Metamorphosed Basalt — medium-green-gray, aphanitic, minor epidote filled amygdules.

40-50 slightly darker.

50-60 Metamorphosed Basalt — dark-green-gray, aphanitic, epidote and chlorite-filled amygdules.

60-70 "

70-75 No sample.

### GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-10	Overburden	Recent
10-35	Greenstone, probably Metamorphosed Tuff or Basalt	probably Triassic
35-70	Metamorphosed Basalt	probably Triassic
70-75	No sample	

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
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