



OWNER: D. F. Cox, Jr.  
Trasdale Boy's Home - Well #2  
DRILLER: C. R. Moore  
COUNTY: Albemarle (Keene)

VDMR #1248  
WWCR # 943  
TOTAL DEPTH: 200'

### GEOLOGIC LOG

- 0-40 No sample.
- Candler Formation (40-200')
- 40-45 Greenstone — olive-gray with iron oxide staining; weathered; clay, chlorite, quartz, plagioclase, magnetite; minor mica and calcite.
- 45-50 Greenstone — medium-greenish-gray, fine-grained; chlorite, quartz, calcite, amphibole, magnetite; minor vein calcite.
- 50-60 As above — slightly brownish; vein quartz; vein calcite, are pink.
- 60-70 As above — not brownish, calcite veins are red.
- 70-80 Phyllite — medium-purplish-gray, very-fine-grained, fissile, poor foliation; sericite, chlorite, quartz, hydrous iron oxides; minor magnetite and calcite.
- 80-90 As above.
- 90-100 As above — slightly darker and better foliated.
- 100-110 As above — lighter, and less foliated.
- 110-120 Greenstone — medium-light-greenish-gray, fine-grained, chlorite, sericite, iron oxides; minor calcite veins, slightly foliated.
- 120-130 As above — slightly darker, phyllitic in part.
- 130-140 As above.
- 140-150 As above.
- 150-160 As above.
- 160-170 Greenstone — medium-greenish-gray, fine-grained; poorly foliated; chlorite, sericite, quartz; shiny and phyllitic in part; vein calcite, some pink calcite.

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- 170-180 Phyllite — medium-greenish-gray, fine-grained; fissile, shiny; chlorite, sericite, quartz, iron oxides; vein quartz and calcite; trace pyrite.
- 180-190 As above — minor hematite, no pyrite.
- 190-200 As above — less fissile; more hematite.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-40	No sample	
40-200	Candler Formation	Cambrian

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