

OWNER: R. E. Kirby-Well #2
DRILLER: C. R. Moore
COUNTY: Albemarle (Shadwell)

VDMR #818
WWCR#862
TOTAL DEPTH: 198'

GEOLOGIC LOG

- 10 Overburden — light-brown, cryptocrystalline, shiny, oxidized.
- 20 As above.
- 30 Phyllite — medium-gray-green, shiny, cryptocrystalline crumpled, platy, foliation and flakes, some oxidation, muscovite and chlorite.
- 40 Phyllite — light-purplish-gray, shiny, cryptocrystalline, crumpled, platy, foliation, and flakes, muscovite and chlorite.
- 50 As above — but darker.
- 60 Phyllite — dark purple-gray as above.
- 70 As above.
- 80 Phyllite — mixed purple and gray-green, shiny, cryptocrystalline, crumpled, foliation and flakes; muscovite and chlorite.
- 90 Phyllite — dark purple-gray as above. (X-ray examination: shows equal parts muscovite and chlorite and suggests the color due to more mafic chlorite.
- 100 As above — purplish medium-gray.
- 110 As above — purple-gray, small greenish-gray fragments.
- 120 Phyllite — dark-lavender, shiny, cryptocrystalline crumpled platy, foliation and flakes easily, muscovite, and chlorite, quartz vein.
- 130 As above.
- 140 As above — calcite and quartz vein.
- 150 Phyllite — lavender-gray and green-gray, shiny, cryptocrystalline, crumpled platy, foliation and flakes, muscovite and chlorite, very minor quartz.
- 155 As above.
- 160 As above — minor pyrite.

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- 170 Phyllite — greenish-gray, shiny, cryptocrystalline, crumpled, platy, foliation and flakes, muscovite and chlorite, minor calcite and quartz.
- 175 As above — with dark purple-gray fragments.
- 180 As above.
- 190 Phyllite — greenish-gray, shiny, cryptocrystalline, crumpled platy, foliation, flakes easily. (X-ray examination shows equal amounts muscovite and chlorite).
- 198 As above — with minor purple-gray fragments.

GEOLOGIC SUMMARY

FORMATION

AGE

Candler

Cambrian

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
October 6, 1964