



OWNER: Thomas C. Hallada  
DRILLER: Sydnor Pump & Well Co., Inc.  
COUNTY: Rockingham (Elkton)

VDMR #944  
WWCR #473  
TOTAL DEPTH: 183'

GEOLOGIC LOG

- 0-10 No sample.
- 10 Overburden — dark-yellow-orange clay with abundant residual cherty vein quartz.
- Conococheague Formation (25-161')
- 25 As above — with gray-brown chert fragments and fine-grained sandstone.
- 35 As above — minor cubes of goethite after pyrite.
- 50 As above — with abundant coarse sand and minor euhedral quartz.
- 60 Limestone — medium-grained to very-finely-grained, vein calcite; trace pyrite, minor yellow-brown, coarse sand.
- 75 Sandstone and Clay — buff-colored fine-grained, quartzitic; vugs show secondary growth on quartz; abundant perfect cubes of goethite after pyrite; minor fragments buff to gray fine-grained limestone.
- 90 Limestone — dark-gray, very-fine-grained, dusty pyrite and pyrite crystals (to 2.0 mm).
- 105 Limestone and Shale — pale-orange-gray, fine-grained limestone; soft, sericitic shale; abundant vein quartz, minor chert.
- 145 Limestone and Shale — medium-dark-gray, fine-grained limestone; pale-orange, sericitic shale with coarse sand and cubes of goethite after pyrite; minor coarse sandstone and abundant vein quartz.
- 153 As above.
- 160 As above — with buff, fine-grained limestone
- 161 Shaly Limestone — light-gray to pale-orange, fine-grained, argillaceous, hematitic lamina; medium-gray chert, abundant vein calcite and quartz; minor rounded quartz pebbles.
- 161-183 No samples.

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#944

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-10	No sample	
10	Overburden	
25-161	Conococheague Formation	Cambrian
161-183	No samples	

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
June 16, 1965