

OWNER: Roseloe Motel (Dick Wheeler Well #2)
DRILLER: Sydnor Pump and Well Company, Inc.
COUNTY: Bath (Warm Springs)

VDMR #1128
WWCR #30
TOTAL DEPTH: 303'

GEOLOGIC LOG

- 0-15 No sample.
- Eggleston Formation (15-303')
- 15-30 Overburden — fragments and slightly rounded pebbles of pale-red and medium-gray arkosic sandstone; light- and medium-brown shales and clays; gray shales and limestones.
- 30-45 No sample.
- 45-60 Shaly Limestone — medium-gray, fine-grained, bedded, fissile; minor-gray calcite veins; minor medium-gray to buff sandstone.
- 60-75 No sample.
- 75-90 Argillaceous Limestone — medium-gray, fine-grained, subconchoidal fracture, minor vein calcite; minor shaly limestone and yellow-brown to dark-brown silty limestone; minor red-brown, medium-grained sandstone.
- 90-105 No sample.
- 105-120 Limestone — medium-gray, fine-grained, subconchoidal fracture, minor vein calcite; minor yellow-brown silty limestone and red-brown, medium-grained sandstone.
- 120-135 As above.
- 135-150 Cave filling — 50% limestone as above; 30% shales and mudstone - gray, yellow-brown and red-brown; 20% sandstone - buff, light-green, gray, red-brown. Most of the sandstone and shale fragments show slight rounding.
- 150-165 No sample.
- 165-180 Cave filling — yellow-brown and red-brown mudstone, slightly micaceous, some with dripstone structure; fragments of well-rounded quartzite pebbles; minor medium-gray, fine-grained limestone.
- 180-195 Limestone — medium-gray, fine-grained, subconchoidal fracture, minor vein calcite; minor yellow-brown mudstone.

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- 195-210 Limestone — medium-gray, fine-grained, minor calcite veins; minor yellow-brown mudstone; brown-green sandstone; trace magnetite.
- 210-225 As above — no calcite veins, or magnetite; less mudstone.
- 225-240 As above — minor medium-light-gray shaly limestone.
- 240-250 Limestone — medium-blue-gray, fine-grained; minor buff colored, argillaceous limestone; trace red-brown sandstone; vein calcite.
- 250-275 Limestone — medium-gray, fine-grained; very minor brown clay and shaly limestone; vein calcite.
- 275-303 As above — slightly more vein calcite.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-15	No sample	
15-303	Eggleston Formation	Middle to Upper Ordovician

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
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