

OWNER: John M. Ryman
DRILLER: Sydnor Pump and Well Co., Inc.
COUNTY: Page (Luray)

VDMR WELL # 1382
WWCR WELL # 96
TOTAL DEPTH : 406

GEOLOGIC LOG

0-120 No Sample

Elbrook Dolomite (120-405)

- 120 Siliceous Limestone - medium-light-blue gray, fine-grained, silty; minor buff colored, fine grained limestone.
- 135 Limestone - medium-dark-blue-gray, fine-grained, carbonaceous, minor buff colored vein quartz and calcite.
- 150 Limestone - medium-blue-gray and light-gray to buff colored, fine-grained; the darker limestone contains dusty pyrite; minor fine white veins of calcite; one-third of sample is pale orange, leached, calcareous siltstone.
- 165 Limestone - medium-gray, fine-grained, siliceous; tiny pyrite crystals on fractures.
- 180 Silty Limestone - medium-gray, fine grained, siliceous; minor fine grained argillaceous dolomite and silty laminae; minor pyrite.
- 195 Limestone - medium-gray, fine-grained, siliceous, minor fine grained sand laminae; carbonaceous slickensides; vein calcite.
- 210 As above
- 225 Limestone - dark-to-medium-gray; fine-grained, carbonaceous; minor vein calcite.
- 245 Limestone - medium-dark-gray, fine-grained; abundant white calcite veins.
- 265 Limestone - medium-dark-gray; fine-grained, silty; minor white vein calcite.
- 270 As above
- 285 Limestone - very-light-gray, light-gray, and medium-gray; fine-grained, silty; the very-light-gray limestone contains euhedral pyrite to 1 mm; dusty pyrite and minor chlorite in remainder.
- 300 As above - pyrite crystals to 0.25 mm only.
- 315 Limestone - medium-gray, minor light-gray and dark-gray; fine-grained, siliceous minor vein calcite.

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#1382

- 345 Calcareous Sandstone - light-gray, very-fine-grained, silty.
- 375 Limestone - medium-to medium dark-gray, fine-grained,
 very-silty; minor vein quartz.
- 385 Sandstone, Limestone and Shale - medium-gray, fine grained,
 calcareous sandstone and siltstone; light-gray, sandy
 limestone; dark-gray, carbonaceous, siliceous shale; minor
 vein quartz and calcite; trace pyrite.
- 405 As above

GEOLOGIC LOG

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-120	No sample	
120-405	Elbrook Dolomite	Middle Cambrian

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
October 13, 1965