



OWNER: Oakland Farms, Inc., (Att. Mr. Charles Wright)

VDMR #1470

DRILLER: Sydnor Pump and Well Co., Inc.

WWCR #355

COUNTY: Augusta (Weyers Cave)

TOTAL DEPTH: 433'

GEOLOGIC LOG

0-160 No sample.

160-175 Shale — medium-blue-shale, fissile; calcareous and micaceous in part; trace vein calcite.

175-190 Calcareous Shale — medium-dark-blue-gray, very fissile.

175-193 As above — less fissile, with minor white vein calcite.

193-208 As above — more fissile, no white vein calcite.

208-213 Shaly Limestone — medium-blue-gray, argillaceous fine-grained, minor shale as above.

213-228 Calcareous Shale and Shaly Limestone — medium-blue-gray, fine-grained; shale very fissile.

228-243 As above — trace of vein calcite.

243-258 As above.

258-273 As above.

273-283 Shale and Calcareous Sandstone — medium-blue-gray, fissile shale; medium-light-blue-gray, fine-grained sandstone with medium-rounded grains of quartz and shale.

283-298 Shale — medium-dark-blue-gray, very-fissile, reflective, minor white vein calcite.

298-313 Shale — medium-blue-gray, slightly fissile; trace white vein calcite and darker more fissile shale, as above.

313-328 As above — no darker shale.

328-343 Shale and Sandstone — medium blue-gray, fissile shale; medium-blue-gray, very-fine- to medium-grained, angular, slightly calcareous sandstone with quartz and shale sand grains; minor white vein quartz.

343-368 Shale — medium-blue-gray, slightly fissile, slightly calcareous, minor white vein calcite.

368-383 Shale — medium-blue-gray, reflective, very fissile.

383-403 No sample.

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403 Shale — medium-blue-gray, fissile.  
403-433 As above — trace vein calcite.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-160	No sample	
160-433	Martinsburg Shale	Ordovician

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
January 28, 1966