

OWNER: R. R. Dean
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: Rockingham (Elkton)

VDMR: 1646
WWCR: 559
TOTAL DEPTH: 279'

GEOLOGIC LOG

Depth in feet

0-39	Clay - light-brown, medium-to light-gray, some coarse to medium crystalline, calcareous dolomite with dolomite veins
38-54	Limestone - gray, mottled dolomitic, coarse to medium crystalline, friable; some dolomite crystals and calcite veins
54-69	" light blue tinted, many dolomite crystals (pulverized)
69-84	" " with light yellow stains
84-99	Limestone - gray, mottled, light-blue tint, dolomitic; some calcite and dolomite crystals (pulverized)
99-144	No samples
144	Limestone - gray-blue to light gray-blue, coarse crystalline, friable, calcite and dolomite veins; the coarse crystalline dolomite is cemented with calcareous material
144-159	"
159-174	" with tan to dark-yellow stains
174-189	" with dark-yellow and dark-tan clays
189-204	" " white and red chert
204-219	" "
219-235	No samples
235-250	Limestone - light-gray-blue, whitish, dark-yellow stains, medium to coarsely crystalline, few calcite veins, reddish-brown stains on bedding planes

OWNER: R. R. Dean

#1646

250-279 Limestone - light-gray-blue, whitish, dark yellow stains,
medium to coarsely crystalline, few calcite veins,
reddish-brown stains on bedding planes, with light-
yellow-tan to light reddish-brown clays, calcite crystals,
reddish-brown travertine

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-279	Conococheague Formation	Cambrian

Virginia Division of Mineral Resources
Warren J. Souder, Geologist
July 1966