

OWNER: Lower Tuckahoe Land Co., Well #3
DRILLER: Sydnor Pump and Well Co., Inc.
COUNTY: Goochland (Manakin)

VDMR: 1660
WWCR: 50
TOTAL DEPTH: 305'

GEOLOGIC LOG

Depth in feet

0-10	No sample
10-20	Sand - tan; silty with a few angular pebbles; fine-to coarse-grained, angular fragments of quartz, feldspar, muscovite, biotite; fragments of schist, sandstone, and gneiss
20-30	"
30-70	No samples
70-80	Sand - tan; 80% very fine- to fine-grained, and 20% medium and coarse grained, angular sand and pebbles; quartz, feldspar, muscovite, biotite; shale fragments
80-100	No samples
100-110	Shale - black; silty, fissile, soft; slightly calcareous, micaceous and carboniferous; some fossils and slickensides
110-120	"
120-130	"
130-150	No samples
150-160	Shale - very dark-gray; silty, fissile, soft; calcareous, slightly carboniferous and micaceous; some slickensides
160-170	"
170-190	No samples
190-200	Shale - very dark-gray; silty, few sand grains; fissile, soft; calcareous, slightly carboniferous and micaceous; slickensides, some fossil imprints
200-210	No sample
210-220	Shale - black; silty, fissile, soft; calcareous, carboniferous and slightly micaceous; slickensides
220-305	No samples

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GEOLOGIC SUMMARY

Rock Unit

Age

Newark Group

Triassic

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
November 2, 1967