

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

VDMR: 1648
WWCR: 560
TOTAL DEPTH: 278'

GEOLOGIC LOG

Depth in feet

WEATHERED CLAY AND SAND (0-68')

0-38 Clay and Sand - weathered, with some green-gray sandstone and buff sericitic shale.

38-53 "

53-68 "

HAMPTON FORMATION (68-278')

68-83 Sandstone - green, medium- to fine-grained, arkosic, argillaceous, weathered; some dark-reddish-brown, iron-stained sandstone.

83-98 "

98-114 Shale - gray-green- to - green, slightly silty, soft.

114-129 "

129-134 Sandstone - gray-green to green, fine-grained, argillaceous- to shaly, bright mica flakes, traces of pyrite.

129-144 Shale - gray-green, calcareous in part, silty.

144-159 " with interbedded siltstone, not calcareous.

159-174 " " "

174-189 " " "

189-204 " " few calcite crystals and some white vein quartz.

204-219 Sandstone - gray-green, fine-grained, argillaceous to shaly slightly calcareous.

219-234 "

234-249 "

249-264 " some mica flakes, some calcite crusts on fracture planes.

264-278 "

OWNER: Dean Lumber Company, Inc.

#1648

GEOLOGIC SUMMARY

	Rock Unit	<u>Age</u>
0-68	Weathered Clay and Sand	
68-278	Hampton Formation	Cambrian

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