INTERVAL SHEET

Page 1 of 1

Date rec'd: 7/7/66

PROP: Dean Lumber Co.

COMP: Sydnor Pump & Well Co.

COUNTY: Rockingham (Elkton)

VDMR Well No: 1648

Sample Interval: from 0 to 278

Number of samples: 18

Total Depth: 278

Oil or Gas: Water: Exploratory:

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*Unwashed samples only				

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 (0-681)

11

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

38-53

53-68

HAMPTON FORMATION (68-2781)

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

Age

0-68 68-278 Weathered Clay and Sand

Hampton Formation

Cambrian

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