

INTERVAL SHEET WWCR: 83

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VDMR Well No: 2250

Date rec'd: 10/2/68

Sample Interval: from 0 to: 190'

PROP: American Realty Serv. Corp.
(Lake Caroline Utilities)

Number of samples: 19

COMP: Sydnor Hydrodynamics, Inc.

Total Depth: 195'

COUNTY: Caroline (Ladysmith)

Oil or Gas: Water: XExploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
100 - 110	-	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples

OWNER: American Realty Service Corporation
(Lake Caroline Utilities)
DRILLER: Sydnor Hydrodynamics, Inc.
COUNTY: Caroline (Ladysmith)

VDMR: 2250
WWCR: 83
TOTAL DEPTH: 195'

GEOLOGIC LOG

Depth in
feet

COLUMBIA GROUP (0-20')

0-10 Pebbly sand — tan, iron-oxide stained; rounded, poorly-sorted quartz, and partially-weathered granite gneiss; trace of mica and minor amount of clay

10-20 Slightly pebbly sand — tan, iron-oxide stained; rounded, well-sorted quartz, with mica and minor amount of quartz pebbles (may be contamination from upper part of hole); some clay

GRANITE (20-190')

20-30 Biotite-hornblende granite — gray, weathered, slightly gneissic; feldspar, quartz, biotite, hornblende, and minor amount of garnet

30-40 "

40-50 " no weathered material

50-60 " "

60-70 " " sheared; slickensides; trace of pyrite

70-80 Biotite granite — gray, slightly gneissic; feldspar, quartz, and biotite, with minor amounts of hornblende and garnet

80-90 "

90-100 "

100-110 Biotite granite — gray, feldspar, quartz, biotite, and minor amount of garnet

110-120 "

OWNER: American Realty Service Corp. (Lake Caroline Utilities)

120-130	Hornblende granite — gray; feldspar, quartz, hornblende, and minor amounts of biotite and garnet
130-140	"
140-150	"
150-160	"
160-170	"
170-180	" increase in amount of biotite
180-190	" "
190-195	No sample

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-20'	Columbia Group	Pleistocene
20-190'	Granite	Paleozoic (?)
190-195'	No sample	

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
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