

INTERVAL SHEET

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VDMR Well No: 1946

Date rec'd: 8/28/67

Sample Interval: from 0 to: 200'

PROP: Comm. of Virginia (Piedmont Sanitorium, Well#7) Number of samples: 20

COMP: Sydnor Hydrodynamics, Inc.

Total Depth: 200'

COUNTY: Nottoway (Burkeville)

Oil or Gas: Water ~~X~~ Exploratory:

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	-	-	-
190 - 200	-	-	-

All intervals have both washed and unwashed samples

OWNER: Commonwealth of Virginia  
(Piedmont Sanatorium, Well #7)  
DRILLER: Sydnor Hydrodynamics, Inc.  
COUNTY: Nottoway (Burkeville)

VDMR: 1946  
WWCR: 56  
TOTAL DEPTH: 200'

GEOLOGIC LOG

Depth in feet

0-10	Saprolite - tan, weathered and iron-oxide stained, fine- to medium-grained gneiss; feldspar, quartz, amphiboles and clay
10-20	"
20-30	"
30-40	Gneiss - dark gray, fine-grained, lineated; feldspar, quartz, amphibole and biotite
40-50	"
50-60	"
60-70	" with fine-grained biotite gneiss
70-80	Biotite gneiss - gray, fine- to medium-grained, foliated; feldspar, quartz and biotite with traces of muscovite, amphibole and pink feldspar
80-90	"
90-100	"
100-110	" with amphibolite comprising 30% of sample
110-120	" no pink feldspar
120-130	" "
130-140	" "
140-150	" "
150-160	" some pink feldspar and chlorite
160-170	" "

OWNER: Commonwealth of Virginia (Piedmont Sanatorium, Well #7) #1946

170-180 Granite - very dark-red-gray, very fine-grained, granitic, holocrystalline, non-foliated to slightly-foliated; feldspar (pink), biotite, quartz, and mafic minerals; minor amounts of coarse, light-pink biotite granite

180-190 "

190-200 "

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-30 <sup>±</sup>	Saprolite	
30-200 <sup>±</sup>	Redoak granite	Paleozoic (?)

Virginia Division of Mineral Resources  
Robert G. Willson, Geologist  
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