

INTERVAL SHEET WWCR: 304

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VDMR Well No: 2234

Date rec'd: 9/5/68

Sample Interval: from 0 to: 200'

PROP: U. S. Dept. of Interior
(Pr. William Forest Park, Well #5)

Number of samples: 39

COMP: Sydnor Hydrodynamics, Inc.

Total Depth: 200'

COUNTY: Prince William (Dumfries)

Oil or Gas: Water: XExploratory:

From-To	From-To	From-To	From-To
0 - 5	150 - 155	-	-
5 - 10	155 - 160	-	-
10 - 15	160 - 165	-	-
15 - 20	165 - 170	-	-
20 - 25	170 - 175	-	-
25 - 30	175 - 180	-	-
30 - 35	180 - 185	-	-
35 - 40	185 - 190	-	-
40 - 45	190 - 195	-	-
45 - 50	195 - 200	-	-
50 - 55	-	-	-
55 - 60	-	-	-
60 - 65	-	-	-
65 - 70	-	-	-
70 - 75	-	-	-
75 - 80	-	-	-
80 - 85	-	-	-
85 - 90	-	-	-
90 - 95	-	-	-
95 - 100	-	-	-
100 - 105	-	-	-
105 - 110	-	-	-
110 - 115	-	-	-
115 - 120	-	-	-
120 - 125	-	-	-
125 - 130	-	-	-
130 - 135	-	-	-
-	-	-	-
140 - 145	-	-	-
145 - 150	-	-	-

All intervals have both washed and unwashed samples

OWNER: U. S. Department of Interior
(Prince William Forest Park, Well #5)
DRILLER: Sydnor Hydrodynamics, Inc.
COUNTY: Prince William (Dumfries)

VDMR: 2234
WWCR: 304
TOTAL DEPTH: 200'

GEOLOGIC LOG

Depth in feet

0-5	Saprolite — light tan, weathered and iron-oxide-stained, fine-grained, micaceous biotite gneiss; clay
5-10	" tan
10-15	" "
15-20	" brown; less weathered and iron-oxide stained
20-25	" "
25-30	" "
30-35	" "
35-40	" "
40-45	" "
45-50	" "
50-55	" "
55-60	" "
60-65	" "
65-70	" "
70-75	" "
75-80	" "
80-85	" "
85-90	" "
90-95	" "

OWNER: U. S. Department of Interior
(Prince William Forest Park, Well #5)

#2234

95-100	Saprolite — tannish-gray, slightly-weathered, and iron-oxide stained, fine-grained, micaceous biotite gneiss
100-105	"
105-110	Biotite gneiss — dark gray, fine-grained, micaceous; quartz, biotite and feldspar
110-115	Biotite schist with some gneissic fragments — dark-gray to black, fine-grained, foliated; biotite, quartz and feldspar
115-120	"
120-125	"
125-130	Biotite gneiss with some schistose fragments — very dark-gray, fine-grained; quartz, biotite and feldspar
130-135	"
135-140	No sample
140-145	Biotite gneiss — very dark-gray, fine-grained; quartz, biotite and feldspar
145-150	"
150-155	"
155-160	"
160-165	"
165-170	"
170-175	"
175-180	"
180-185	Gneiss — pinkish-white, fine-grained, granitic; quartz and feldspar, with traces of muscovite and chlorite

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#2234

185-190 Biotite gneiss -- dark-gray, fine grained, micaceous;
 quartz, biotite and feldspar

190-195 "

195-200 " with minor amount of chlorite

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-105'	Saprolite	—
105-200'	Biotite gneiss	Paleozoic (?)

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
September 4, 1968