

INTERVAL SHEET

WWCR: 194

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VDMR Well No: 1877

Date rec'd: 5/11/67

Sample Interval: from 0' to: 409'

PROP: Nine Acres Subdivision (Sydnor)

Number of samples: 41

COMP: Sydnor Hydrodynamics

Total Depth: 409'

COUNTY: Henrico (Richmond)

Oil or Gas: Water: x Exploratory:

From-To	From-To	From-To	From-To
0 - 10	300 - 310	-	-
10 - 20	310 - 320	-	-
20 - 30	320 - 330	-	-
30 - 40	330 - 340	-	-
40 - 50	340 - 350	-	-
50 - 60	350 - 360	-	-
60 - 70	360 - 370	-	-
70 - 80	370 - 380	-	-
80 - 90	380 - 390	-	-
90 - 100	390 - 400	-	-
100 - 110	400 - 409	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-

All intervals have both washed and unwashed samples

OWNER: Nine Acres Subdivision (Sydnor)
DRILLER: Sydnor Hydrodynamics, Inc.
COUNTY: Henrico (Richmond)

VDMR: 1877
WWCR: 194
TOTAL DEPTH: 409'

GEOLOGIC LOG

Depth in feet

0-10	Saprolite - light tan, weathered and slightly iron-oxide stained granite; feldspar, quartz and mica
10-20	"
20-30	Granite - pink, coarse- to medium-grained; holocrystalline; feldspar (primarily pink), quartz, muscovite, biotite and epidote
30-40	"
40-50	"
50-60	"
60-70	"
70-80	"
80-90	"
90-100	"
100-110	" increase in epidote
110-120	" "
120-130	" "
130-140	" "
140-150	Granite - pink, coarse- to medium-grained, holocrystalline; feldspar (primarily pink), quartz, biotite, muscovite, and trace of epidote
150-160	"
160-170	"
170-180	" with 30% of sample composed of gray, biotite granite

180-190	Biotite granite - gray, medium- to fine-grained, holocrystalline; feldspar, quartz, biotite, muscovite, and trace of pink feldspar
190-200	"
200-210	"
210-220	"
220-230	"
230-240	"
240-250	"
250-260	"
260-270	" increase in pink feldspar
270-280	Biotite gneiss - dark-gray, medium- to fine-grained, micaceous, foliated; quartz, feldspar, biotite, and traces of muscovite and pink feldspar
280-290	Biotite granite - pinkish-gray, medium- to coarse-grained, holocrystalline, slightly micaceous, non-foliated; feldspar, quartz, biotite, and traces of muscovite and epidote
290-300	" dark gray; very micaceous
300-310	" " slightly foliated
310-320	"
320-330	Biotite granite - grayish-pink, medium- to coarse-grained, holocrystalline, non-foliated; feldspar, quartz, biotite and muscovite
330-340	"
340-350	"
350-360	"
360-370	" gray; increase in biotite and white feldspar
370-380	"

380-390 Biotite granite - grayish-pink, medium- to coarse-grained, holocrystalline, non-foliated; feldspar, quartz, biotite, and muscovite

390-400 "

400-409 "

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-20'	Saprolite	
20-409'	Petersburg Formation	Paleozoic (?)

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
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