

INTERVAL SHEET

WWCR: 189

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VDMR Well No: 1722

Date rec'd: 9/27/66

Sample Interval: from 0' to:400'

PROP: Charlotte Court House, Well #4

Number of samples: 40

COMP: Sydnor Hydrodynamics

Total Depth: 400'

COUNTY: Charlotte (Charlotte Court House)

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	-	-	-
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: Town of Charlotte Court
House, Well #4
DRILLER: Sydnor Hydrodynamics, Inc.
COUNTY: Charlotte (Charlotte Court House)

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TOTAL DEPTH: 400'

GEOLOGIC LOG

Depth in feet

0-10	Gneiss - reddish-brown, very weathered, iron-oxide stained, medium to fine-grained; quartz, feldspar, mica and clay
10-20	"
20-30	" brown; less weathered; more mica
30-40	"
40-50	Biotite-gneiss - gray to slightly-brown, a small amount of iron-oxide staining, fine-grained, foliated, micaceous; quartz, feldspar, biotite, muscovite, and traces of pink garnet
50-60	"
60-70	"
70-80	"
80-90	"
90-100	" with hornblende
100-110	" "
110-120	"
120-130	"
130-140	" with increase in pink garnet
140-150	"
150-160	"
160-170	"
170-180	"

OWNER: Town of Charlotte Court House - 2 -
Well #4

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180-190	Biotite-gneiss - gray to slightly-brown, a small amount of iron-oxide staining, fine-grained, foliated, micaceous; quartz, feldspar, biotite, muscovite, and traces of pink garnet
190-200	"
200-210	"
210-220	"
220-230	"
230-240	"
240-250	" with increase in pink garnet
250-260	" light gray, less biotite
260-270	"
270-280	"
280-290	"
290-300	"
300-310	"
310-320	"
320-330	"
330-340	"
340-350	"
350-360	" less foliated
360-370	" "
370-380	" "
380-390	" "
390-400	" " trace of chlorite

OWNER: Town of Charlotte Court House - 3 -
Well # 4

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GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0'-40'	Saprolite*	
40'-400'	Undifferentiated mica gneiss	Lower Paleozoic ?

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
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