

INTERVAL SHEET

WWCR: 1005

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VDMR Well No: 1752

Date rec'd: 11/18/66

Sample Interval: from 10' to: 460'

PROP: Sydnor Hydrodynamics  
(Montvue Sub., Well #3)

Number of samples: 42

COMP: Sydnor Hydrodynamics

Total Depth: 460'

COUNTY: Albemarle (Charlottesville)

Oil or Gas: Water:  Exploratory:

From-To	From-To	From-To	From-To
No Sample	320 - 330	-	-
10 - 20	330 - 340	-	-
20 - 30	340 - 350	-	-
30 - 40	350 - 360	-	-
40 - 50	360 - 370	-	-
50 - 60	370 - 380	-	-
60 - 70	380 - 390	-	-
70 - 80	390 - 400	-	-
80 - 90	400 - 410	-	-
90 - 100	410 - 420	-	-
100 - 110	420 - 430	-	-
110 - 120	430 - 440	-	-
120 - 130	440 - 450	-	-
130 - 140	450 - 460	-	-
140 - 150	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
No Sample	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-
300 - 310	-	-	-
310 - 320	-	-	-

All intervals have both washed and unwashed samples

OWNER: Sydnor Hydrodynamics, Inc.  
(Montvue Subdivision, Well #3)  
DRILLER: Sydnor Hydrodynamics, Inc.  
COUNTY: Albemarle (Charlottesville)

VDMR: 1752  
WWCR: 1005  
TOTAL DEPTH : 460'

GEOLOGIC LOG

Depth in feet

0-10	No sample
10-20	Saprolitic gneiss - gray, minor iron-oxide staining on some grains; medium to fine angular grains; quartz, feldspar and fragments of biotite gneiss
20-30	"
30-40	"
40-50	"
50-60	Biotite-muscovite-gneiss - gray, slightly foliated, medium to fine-grained; quartz, feldspar, biotite and muscovite, with coarse, 1/2 to 1-1/2 cm grains of feldspar and quartz
60-70	"
70-80	"
80-90	"
90-100	"
100-110	"
110-120	"
120-130	"
130-140	"
140-150	"
150-160	" less coarse-grained quartz and feldspar
160-170	" "
170-180	" "
180-190	" "

190-200	Biotite-muscovite-gneiss - gray, slightly foliated, medium to fine-grained; quartz, feldspar, biotite and muscovite, with coarse, 1/2 to 1-1/2 cm grains of feldspar and quartz; less coarse-grained quartz and feldspar
200-210	"
210-220	"
220-230	"
230-260	No samples
260-270	Gneiss - greenish-gray, fine to medium-grained, slightly foliated; feldspar, quartz, biotite, muscovite, amphiboles, and a few coarse feldspar and quartz grains
270-280	" a few fragments of amphibolite
280-290	" "
290-300	Muscovite-biotite-gneiss - gray, fine to medium-grained, slightly foliated; feldspar, quartz, biotite, muscovite; trace amounts of amphiboles and amphibolite fragments, with coarse feldspar and quartz grains
300-310	"
310-320	"
320-330	"
330-340	"
340-350	" no amphiboles or amphibolite
350-360	" "
360-370	" "
370-380	" "
380-390	" "
390-400	" "
400-410	" "

410-420 Muscovite-biotite-gneiss - gray, fine to medium-grained,  
slightly foliated; feldspar, quartz, biotite, muscovite; trace  
amounts of amphiboles and amphibolite fragments, with  
coarse feldspar and quartz grains; no amphiboles or amphibolite

420-430 "

430-440 "

440-450 "

450-460 "

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-10'	No Sample	
10-50'	Saprolite	
50-460'	Rockfish conglomerate	Precambrian

Virginia Division of Mineral Resources  
Robert G. Willson, Geologist  
December 19, 1967