

INTERVAL SHEET

WWCR: 486 469

Page 1 of 1

VDMR Well No: 2229

Date rec'd: 8/27/68

Sample Interval: from 0 to: 355'

PROP: Stuckeys

Number of samples: 35

COMP: Sydnor Hydrodynamics, Inc.

Total Depth: 355'

COUNTY: Spotsylvania (Thornburg)

Oil or Gas: Water: XExploratory:

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 - 355	-	-
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	-	-	-
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: Stuckey's  
DRILLER: Sydnor Hydrodynamics, Inc.  
COUNTY: Spotsylvania (Thornburg)

VDMR: 2229  
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TOTAL DEPTH: 355'

GEOLOGIC LOG

Depth in  
feet

COLUMBIA GROUP (0-50')

0-10	Sand — orange-brown, slightly clayey, trace of granule gravel; medium-to very coarse-grained, fairly well-sorted (skewed coarse), angular to sub-angular; blue quartz and partially-decomposed feldspar are common in coarsest fraction
10-20	Sand and Gravel — orange-- brown, slightly clayey; 40% fine-grained (2-15 mm) subrounded gravel; 60% fine-to coarse-grained, moderately-sorted, angular-to subangular quartz sand; traces of muscovite, magnetite, and garnet
20-30	Sand and Gravel — binder of grayish-brown clay; 50% fine-grained (5-20 mm) subrounded-to rounded quartz gravel; 50% fine-grained, well-sorted, angular quartz sand; biotitic, crystalline rock fragments are common
30-40	" abundant biotitic crystalline rock fragments
40-50	" "

PETERSBURG GRANITE (?) (50-355')

50-60	Hornblende-biotite granite — dark-gray, medium-to fine-grained; amphibolitic; quartz, feldspar, hornblende and biotite
60-70	"
70-80	Biotite granite — gray, fine-grained; quartz, feldspar, biotite, and trace amounts of muscovite and epidote
80-90	"
90-100	"
100-110	"
110-120	"

OWNER: Stuckey's

#2229

120-130	Biotite granite -- gray, fine-grained; quartz, feldspar, biotite, and trace amounts of muscovite and epidote
130-140	" trace of pink feldspar
140-150	"
150-160	"
160-170	"
170-180	" trace of pink feldspar
180-190	" "
190-200	" "
200-210	Biotite granite -- reddish-gray, fine-grained; quartz, feldspar (80% is pink), biotite, and trace amounts of muscovite and epidote
210-220	Biotite granite -- gray, fine-grained; quartz, feldspar, biotite, and trace amounts of muscovite and epidote
220-230	"
230-240	"
240-250	" trace of pink feldspar
250-260	" "
260-270	" "
270-280	Biotite granite -- gray, fine-grained; quartz, biotite and feldspar; minor amount of pink feldspar, and traces of muscovite, epidote and pyrite
280-290	"
290-300	"
300-310	"

OWNER: Stuckey's

#2229

310-320	Biotite granite — gray, fine-grained; quartz, feldspar, biotite, and trace amounts of muscovite and epidote
320-330	" minor amount of pink feldspar
330-340	" "
340-355	" "

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-50'	Columbia Group	Pleistocene
50-355'	Petersburg Granite (?)	Paleozoic (?)

Virginia Division of Mineral Resources  
Robert Teifke and Robert Willson, Geologists  
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