

INTERVAL SHEET WWCR: 608

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VDMR Well No: 2202

Date rec'd: 6/19/68

Sample Interval: from 0 to: 260'

PROP: Academy of Notre Dame, Well #2

Number of samples: 26

COMP: Leazer Pump & Well Co., Inc.

Total Depth: 262'

COUNTY: Loudoun (Middleburg)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 20	=	-	-
20 - 30	=	=	-
30 - 40	=	=	=
40 - 50	=	=	=
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	=	=	=
-	=	=	=
-	=	=	=
-	=	=	=
-	=	=	=

All intervals have both washed and unwashed samples

OWNER: Notre Dame Academy, Well #2
DRILLER: Leazer Pump & Well Co., Inc.
COUNTY: Loudoun (Middleburg)

VDMR: 2202
WWCR: 608
TOTAL DEPTH: 262'

GEOLOGIC LOG

Depth in
feet

0-10	Saprolite — reddish-tan; clay and weathered, iron-oxide-stained metamorphosed granite
10-20	Metamorphosed quartz diorite — bluish-gray, aphanitic to very fine-grained; feldspar, biotite, and epidote; minor amount of quartz, and trace of pyrite
20-30	" with vein quartz
30-40	" dark bluish-gray
40-50	" "
50-60	" "
60-70	" "
70-80	" "
80-90	Sheared granite — gray, aphanitic to fine-grained; sheared, mylonitic, non-foliated; feldspar, quartz, biotite, epidote, and trace of pyrite
90-100	"
100-110	"
110-120	Metamorphosed quartz diorite — gray, fine-grained to aphanitic; feldspar, biotite, pyroxines, and epidote; minor amount of quartz, and trace of pyrite
120-130	"
130-140	" purplish gray; smaller amount of epidote, increase in amount of biotite
140-150	" " 40% of sample is comprised of sheared granite fragments with epidote

OWNER: Notre Dame Academy, Well #2

#2202

150-160	Mylonite — light purplish-gray; aphanitic, sheared granite; feldspar, quartz, biotite, sericite, and trace of pyrite
160-170	" trace of epidote
170-180	" traces of epidote and pink feldspar
180-190	Sheared granite — gray, aphanitic to fine-grained; some fragments are foliated, mylonitic; feldspar quartz, biotite, and trace of pyrite; a few fragments of dark-gray quartz-diorite
190-200	" no quartz-diorite
200-210	Mylonite — light purplish-gray, aphanitic, sheared granite; feldspar, quartz, biotite, sericite, and trace of pyrite
210-220	"
220-230	"
230-240	"
240-250	"
250-260	"
260-262	No sample

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-10'	Saprolite	
10-260'	Marshall Formation	Precambrian ?
260-262'	No sample	

Virginia Division of Mineral Resources
R. Willson, Geologist
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