

INTERVAL SHEET WWCR: 300

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VDMR Well No: 2230

Date rec'd: 8/27/68

Sample Interval: from 0 to: 194

PROP: U.S. Dept. of Interior
(Pr. William Forest Park, Well #1)

Number of samples: 40

COMP: Sydnor Hydrodynamics, Inc.

Total Depth: 200

COUNTY: Prince William (Triangle)

Oil or Gas: Water: XExploratory:

From-To	From-To	From-To	From-To
0 - 5	149 - 154	-	-
5 - 9	154 - 159	-	-
9 - 14	159 - 164	-	-
14 - 19	164 - 169	-	-
19 - 24	169 - 174	-	-
24 - 29	174 - 179	-	-
29 - 34	179 - 184	-	-
34 - 39	184 - 189	-	-
39 - 44	189 - 194	-	-
44 - 49	-	-	-
49 - 54	-	-	-
54 - 59	-	-	-
59 - 64	-	-	-
64 - 69	-	-	-
69 - 74	-	-	-
74 - 79	-	-	-
79 - 84	-	-	-
84 - 89	-	-	-
89 - 94	-	-	-
94 - 99	-	-	-
99 - 104	-	-	-
104 - 109	-	-	-
109 - 114	-	-	-
114 - 116	-	-	-
114 - 119	-	-	-
119 - 124	-	-	-
124 - 129	-	-	-
129 - 134	-	-	-
134 - 139	-	-	-
139 - 144	-	-	-
144 - 149	-	-	-

OWNER: U. S. Department of Interior
(Prince William Forest Park, Well #1)
DRILLER: Sydnor Hydrodynamics, Inc.
COUNTY: Prince William (Triangle)

VDMR: 2230
WWCR: 300
TOTAL DEPTH: 200'

GEOLOGIC LOG

Depth in
feet

0-5	Saprolite — brown, weathered and iron-oxide-stained metamorphosed basalt; clay
5-9	Sericite-chlorite phyllite — greenish-gray, aphanitic, poorly foliated, a few weathered or iron-oxide-stained fragments; sericite, chlorite, quartz, amphibole, biotite and feldspar
9-14	"
14-19	" no weathered or iron-oxide-stained material
19-24	" "
24-29	" " gray, better foliated
29-34	" " "
34-39	" "
39-44	Chlorite-sericite-biotite phyllite — slightly greenish-gray to gray, aphanitic, foliated to poorly foliated, trace of slickensides, micaceous, schistose; chlorite, sericite, biotite, quartz, amphiboles and feldspar
44-49	"
49-54	Biotite-chlorite-sericite schist — dark gray, phaneritic to aphanitic, foliated, micaceous, trace of slickensides; biotite, chlorite, sericite, amphiboles, quartz, feldspar, and trace of epidote
54-59	"
59-64	"

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- 64-69 Amphibolitic chlorite-sericite phyllite and schist -- grayish-green, aphanitic to phaneritic, foliated; chlorite, sericite, amphiboles, quartz and biotite
- 69-74 " with trace of vein quartz
- 74-79 "
- 79-84 "
- 84-89 " dark grayish-green
- 89-94 Amphibolitic biotite-chlorite schist -- dark gray, phaneritic to aphanitic, foliated, trace of slickensides; biotite, chlorite, amphiboles, quartz, sericite, feldspar, and trace of vein quartz
- 94-99 "
- 99-104 " greenish-gray; slight increase in amounts of amphiboles and chlorite
- 104-109 Chlorite-sericite-biotite schist -- grayish-green, phaneritic to aphanitic, well foliated, slickensides, phyllitic; chlorite, sericite, biotite, quartz, and traces of amphiboles and feldspar
- 109-114 "
- 114-116 Chlorite-biotite-sericite phyllite and schist -- greenish-gray, aphanitic to phaneritic, poorly foliated; chlorite, biotite, sericite, quartz, feldspar, and traces of amphiboles and vein quartz
- 114-119 "
- 119-124 " no vein quartz
- 124-129 " "
- 129-134 " "
- 134-139 " " minor amount of epidote

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139-144	Biotite-chlorite phyllite and schist — dark-gray, phaneritic to aphanitic, foliated; biotite, chlorite, quartz, sericite, amphiboles and feldspar
144-149	"
149-154	" dark gray-green; increase in amount of chlorite
154-159	Chlorite-sericite-biotite phyllite — dark greenish-gray, aphanitic, poorly foliated; chlorite, quartz, sericite, biotite, feldspar and amphiboles
159-164	"
164-169	"
169-174	"
174-179	"
179-184	"
184-189	"
189-194	" greenish-gray; minor amount of vein quartz
194-200	No sample

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-5'	Saprolite	—
5-194'	Mixed chloritic phyllites and schists	Paleozoic (?)
194-200'	No sample	—

Virginia Division of Mineral Resources
 Robert G. Willson, Geologist
 September 3, 1968