WWCR - 68

INTERVAL SHEET

Page 1 of 1	VDMR Well No: 1938
Date rec'd: 8/23/67	Sample Interval: from 5" to: 325"
PROP: Va. Wildlife Clubs, Inc. (Lake of Woods, W Div. Well #1)	VakefieldNumber of samples: 21
COMP: Sydnor Pump and Well Co.	Total Depth: 325
COUNTY: Orange (Locust Grove)	Oil or Gas: WaterX Exploratory:

From-To	From-To	From-To	From-To
5 - 20	-	-	-
20 - 35	-	-	
35 - 50	-	-	-
50 - 65		· -	-
65 - 80		2 - 1	-
- 10	_	-	-
85 - 100	-	-	
100 - 115		-	-
115 - 130		-	_
130 ⁻ 145		1 	
145 - 160	-	-	-
160 - 175	* -	-	
175 - 190		-	
190 - 205		-	-
205 - 220		-	-
220 - 235		-	
235 - 250		-	-
250 - 265		-	-
265 - 280		-	-
280 ⁻ 295	-		-
295 - 310		-	-
310 - 325	-	-	
-	-	-	
-	-	-	-
-	* Unwashed sāmples only	-	-
-	-	-	
-	-	-	
-	-	-	-
-	-	-	-

OWNER: Virginia Wildlife Clubs, Inc.

VDMR: 1938 Lake of Woods - Wakefield Div. Well #1 WWCR: 68 DRILLER: Sydnor Hydrodynamics, Inc. TOTAL DEPTH: 325' COUNTY: Orange (Locust Grove)

GEOLOGIC LOG

Depth in feet

50-65

0-5	No	sample
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5-20 Amphibole gneiss - light greenish-gray, very-finegrained, amphibolite-rich; quartz, feldspar, amphibole, and minor amount of magnetite; slightly weathered, with kaolinite and ironoxide-stained vein quartz

20 - 3511 unweathered

11 35-50 11

11

11

11

- 65-80 11 minor weathering
- 80-85 No sample
- 85-100 Amphibole gneiss - light- to medium-greenish-gray, very fine-grained, schistose; quartz feldspar, amphibole, chlorite, sericite, and minor magnetite; vein quartz

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100-115 Chlorite schist - light greenish-gray, very fine-grained; quartz, chlorite, sericite, feldspar, and minor amount of amphibole; vein quartz

115-130

130 - 145

- 145-160 Quartz-chlorite-sericite schist - light-gray, phyllitic; with sheared quartzite
- 160 175Chlorite-sericite phyllite and quartzite - light greenishgray, schistose phyllite with vein quartz; very light-gray, sheared, micaceous quartzite with traces of pyrite

OWNER:	Virginia Wildlife Clubs, Inc. #1938 Lake of Woods - Wakefield Div. Well #1
175-190	Quartz-sericite-chlorite phyllite - very light-gray, very quartzose; hematite on slickensided surfaces
190-205	" with pink, finely-crystalline marble
205-220	Quartzite - very light-gray, sheared, micaceous; quartz- chlorite-sericite schist and phyllite; minor amounts of white-to-pinkish, finely-crystalline marble; a few grains of pyrite and magnetite
220-235	" minor amount of red quartzites and phyllites
235-250	
250-265	Phyllite — medium gray-green, very quartzose; quartz, chlorite, sericite and minor pyrite; vein quartz
265-280	" with minor amount of quartzite
280-295	Quartzose sericite phyllite — medium gray-green, very fine-grained, sheared; chlorite, quartz, sericite, and minor amount of pyrite
295-310	
310-325	н

GEOLOGIC SUMMARY

ROCK UNIT

AGE

Evington Group

Early Paleozoic

Virginia Division of Mineral Resources T. M. Gathright, Geologist January 16, 1968