OWNER: Virginia Wildlife Clubs, Inc., Lake of the Woods VDMR: 2044

(Sweetbrier Div., Well #2)

WWCR: 74

DRILLER: Sydnor Hydrodynamics, Inc.

TOTAL DEPTH:

405

COUNTY: Orange (Locust Grove)

GEOLOGIC LOG

\mathbf{D}	ep	th	in	fе	et

20pm m 1000	
0-10	Saprolite — brown, weathered and iron-oxide-stained schists or phyllites; clay
10-20	rr
20-30	tt .
30-40	11
40 - 50	FT.
50-60	11
60-70	Schist — gray, phyllitic, fine-grained, foliated, soft; talc, chlorite, serpentine, sericite, and amphiboles; with traces of feldspar, quartz, and pyrite
70-80	11
80 - 90	11
90-100	
100-110	11
110-120	tt .
120-130	11
130-140	with trace of biotite
140-150	Biotite-chlorite gneiss — gray, fine-grained, slightly foliated; feldspar, quartz, chlorite, biotite, sericite, talc, and amphiboles, with trace of pyrite
150-160	11
160-170	Schist — gray, phyllitic, fine-grained, foliated, soft; talc, chlorite, sericite, serpentine and amphiboles, with traces of feldspar and quartz
170-180	No sample

OWNER:	Virginia Wildlife Clubs, Inc., Lake of the Woods #2044 (Sweetbrier Div., Well #2)
180-190	Schist - gray, phyllitic, fine-grained, foliated, soft; talc, chlorite, sericite, serpentine, and amphiboles with traces of feldspar and quartz
190-200	Biotite-chlorite gneiss — gray, fine-grained, slightly foliated; feldspar, quartz, chlorite, biotite, talc, sericite, and amphibole
200-210	n H
210-220	
220-230	11
230-240	11
240-250	Chlorite-sericite schist — gray, phyllitic, fine-grained, soft; sericite, chlorite, biotite, talc, and amphiboles
250-260	Îtî
260-270	11
270-280	rı .
280-290	11
290-300	TT .
300-310	u ·
310-320	rt .
320-330	11
330 - 340	ti .
340 - 350	11
350 - 360	11
360-370	11
370 - 380	rt .
380-390	n e e e e e e e e e e e e e e e e e e e
390-405	No samples

OWNER: Virginia Wildlife Clubs, Inc., Lake of the Woods (Sweetbrier Div., Well #2)

#2044

GEOLOGIC SUMMARY

	ROCK UNIT	AGE	
0-60 60-390	Saprolite Evington Group	— Early Paleozoic	
390-405	No samples	——————————————————————————————————————	

Virginia Division of Mineral Resources Robert G. Willson, Geologist January 16, 1968

COMMONWEALTH OF VIRGINIA

WWCR: 74 DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES OFFICE ADDRESS:

VDMR: 2044

B 3667 JAMES L. CALVER OF LOTTER WELL CO	R, COMMISSIONER McCormick Road OMPLETION REPORT Charlottesville, Virginia
OWNER: Virginia Wildlife Clubs, Inc.	Mailing Address: Box 631, Springfield, Va.
TENANT: Lake of The Woods, Sweetbrier Div.	Mailing Address: Chancellor, Virginia
DRILLER: Sydnor Hydrodynamics, Inc. Well #2	
WELL LOCATION: County Orange	Approx. 150 feet south (direction) o
Freedon Road and 150	n Park Area east (direction) of Liberty Blvd.
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO COUNTY HIGHWAY OR OTHER MAP.)	
DATE STARTED: October 2, 1967	
TYPE OF DRILL RIG USED: Rotary No.	67 TOTAL DEPTH 405 feet
WATER LEVEL: Stands 30 feet below	surface OR
has NATURAL flow of	gallons per minute.
YIELD TEST: Method Submersible	HOLE SIZE:8-3/4 inches from 0 to 85 feet
Drawdown feet	
Rate 5.4 gal. per min.	inches fromtofeet
Duration 8 hrs., min.	SCREEN SIZE:inches fromtofeet
WATER ZONES: from 133 to 134 feet	inches fromtofeet
from 172 to 173 feet	inches fromtofeet
fromtofeet	CASE SIZE: 5 inches from 0 + 2 to 85 feet
WATER: ColorTaste	inches fromtofeet
Odor	inches fromtofeet
WELL TO SUPPLY: (check one) Home	GROUTING: Method Pressure
Farm Town School	cement and Material <u>water</u> Depth 85 feet
IndustryOther_Subdivision	PUMP: Type
WATER ANALYSIS AVAILABLE:Yes X No	Capacitygal. per min
DRILL CUTTINGS SAVED: Yes_X_No (DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT IN OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHE	
RARKS:	

Sydnor Hydrodynamics, Inc. DATE: October 17, 1967 FURNISHED BY:

DEPTH (feet)		TYPE OF ROCK OR SOIL PENET	TRATED	REMARKS
FROM	ТО	(gravel, clay, etc., hardness, color	(water, caving, shot, screen, sample, etc.	
	, in	griVrollogged ChencellorVirg	etbrier Div.	magr Lake of The Acods, Swe
0	60		11 11 11	
60	80	Soft Black slate	Inc.	Here Sydnor Hydrolynamic
80 85	85	Gray slate	1 000	
130	130 172			LL LOCATION County Orez
172	173	Soft green and white rock rock ropen space	nixed	Freedom Road
173	300	Soft green, white and gray		VE DEFICTION AND INSTANCE IN FEET OR COURTY BIGHWAY OR OTHER MAP)
300	362	Hard gray granite		
362	405	Soft black, white and green	rock	TE STARTED (Vot ber 2, 19
ra are	405	HE 430 TRADE TO 19	.o [†] . V13:	E LO BOILL RIG USEN LLIES PO 35
		<u>90</u> 001.00	welled say	TERLEVEL Story 30_
		atunim rac secilor		1225544 gas
	3 0	1104 F 517 E 8-3/4 munic 1 cm		arst wasse cobroevible
agt_18				8woo0612
99.]	01	April control		п т п 11 р 1
فالساوع		cotEarore	ni	m
281	01		1001	188 ZOWES From33
101		K. C. Strope	73	170 mont
997	88_3	LACE SEE 5 Lind of from Q		01
	o+	- mod region		qmaT1680
) i	CROUTING Mathor Present		L TO SUPPLY (creex and nome
851		centent and		10 452avo1mrs?
		PHMP' 'yare	1010	iviladud name ontonia
nim 150	100	/ ha o q e D	011_2	TER APALYSIS AVAILABLE "HELL
551		310,1 % Blue6	00.2	LL CUTTINGS SAVED Vet.
EIHT	ot dessi			HE CONTRINCES SHOULD BE CONTESTED FICE EXCRESE CONTEST SAMPLE BAGS
				27.01
		(Use additional form		

INTERVAL SHEET

WWCR: 74

Page 1 of 1

VDMR Well No: 2044

Date rec'd: 11/17/67

COUNTY:

Sample Interval: from 0 to: 390'

PROP: Va. Wildlife Clubs, Inc.

Number of samples: 38

(Lake of Woods, Sweetbrier Division Well #2)

Orange (Locust Grove)

9

COMP: Sydnor Hydrodynamics

Total Depth: 405'

Oil or Gas: Water:X Exploratory:

From-To		From	- T o	From-To	From-To
0 -	10	300 -	310	_	
10 -	20	310 -		<u>~</u>	
20 -	30	320 -		_	_
30 -	40	330 -		-	-
40 -	50	340 -		<u>.</u>	
50 -	60	350 -	360	_	_ 3
60 -	70	360 -	370		-
70 -	80	370 -	380	-	- , , , ,
80 -	90	380 -	390	· · · · · · · · · · · · · · · · · · ·	a* ¹ <u>=</u> 1 ;
90 -	100	-		-	
100 -	110	-		-	-
110 -	120	-		=	
120 -	130	-		~	-
130 -	140	-		-	_ 8"
140 -	150	-		_	·
150 -	160	-		-	* <u>=</u> *
160 -	170	-		- -	. 4
-		9 -		-	÷
180 -	190	-		-	= %
190 -	200	-		-	<u>=</u> 1, 2
200 -	210	_		-	-
210 -	220	-			-
220 -	230	-		-	Ξ '
230 -	240	-		E	
240 -	250	7-		, -	<u>-</u>
250 -	260	-		_	=
260 -	270	-			-
270 -	280	-		-	- 1
280 -	290	-			· ·
290 -	300	-		-	-

All intervals have both washed and unwashed samples