OWNER: Virginia Wildlife, Clubs, Inc., Lake of	Woods	VDMR: 2	2043
(Sweetbrier Div. Well #1)		WWCR:	73
DRILLER: Sydnor Hydrodynamics, Inc.	TOTAL	DEPTH:	295'
COUNTY: Orange (Locust Grove)			

GEOLOGIC LOG

Depth in feet

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0-15	Granite Gneiss — greenish-gray, fine-grained, granitic holocrystalline; amphiboles, quartz and feldspar, with traces of pyrite and garnet
15-30	11
30-45	n
45-60	n
60-75	n
75-90	11
90-105	
105-120	11
120-135	11
135-150	11
150-165	11
165-180	**
180-195	11
195-210	
210-225	*1
225-240	11
240-255	11
255-270	11
270-285	Amphibolite — greenish-gray, fine-grained, lineated; amphiboles and serpentine, with traces of quartz and feldspar
285-295	No sample

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OWNER: Virginia Wildlife Clubs, Inc., Lake of Woods (Sweetbrier Div. Well #1)

GEOLOGIC SUMMARY

ROCK UNIT

AGE

0-285 Granite Gneiss 285-295 No sample

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Early Paleozoic (?)

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

- 2 -

COMMONWEALTH	VDMR: 2043
DEPARTMENT OF CONSERVATIO	OF VIRGINIA WWCR: 73 N AND ECONOMIC DEVELOPMENT
MAILING ADDRESS: DIVISION OF MIN	ERAL RESOURCES OFFICE ADDRESS:
3667 JAMES L. CALVER rlottesville, VA 22903 WATER WELL CO	R, COMMISSIONER McCormick Road MPLETION REPORT Charlottesville, Virginia
STUTE MAR	
OWNER: Virginia Wildlife Clubs, Inc.	Mailing Address: <u>Box 631, Springfield</u> , Va.
TENANT: Lake of The Woods, Sweetbrier Div. Well #1	Mailing Address: Chancellor, Virginia
DRILLER: Sydnor Hydrodynamics	Mailing Address: <u>Box 1476, Richmond, Va.</u>
WELL LOCATION: County Orange	
Freedon Drive and 50	feet Park Area xxxxxx west (direction) of Swimming Pool
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TW COUNTY HIGHWAY OR OTHER MAP.)	
DATE STARTED: September 27, 1967	DATE COMPLETED: October 4, 1967
TYPE OF DRILL RIG USED: Rotary No.	. 66 TOTAL DEPTH 295 feet
WATER LEVEL: Standsfeet below	surface <u>OR</u>
has <u>NATURAL</u> flow of	gallons per minute.
YIELD TEST: Method	HOLE SIZE: <u>8-3/4</u> inches from <u>0</u> to <u>19</u> feet
Drawdown feet	<u> </u>
Rate <u>Trace</u> gal. per min.	inches fromtofeet
Durationhrs.,min.	SCREEN SIZE:inches fromtofeet
WATER ZONES: from tofeet	inches fromtofeet
fromtofeet	inches fromtofeet
fromtotofeet	CASE SIZE: 5 inches from $0 + 1$ to 19 feet
WATER: ColorTaste	inches fromtofeet
OdorTemp°F	inches fromtofeet
WELL TO SUPPLY: (check one) Home	GROUTING: Method
Farm Town School	Material Depth feet
IndustryOtherSubdivision	PUMP: Type
WATER ANALYSIS AVAILABLE: YesNoX_	Capacitygal. per min
DRILL CUTTINGS SAVED: Yes X No	Depth of intakefeet
(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT IN OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHE	
FARKS:	

VDMIC: 2043 - WWGR: 73

ALMERIVELOGITIASWIOMMOD

FURNISHED BY: Sydnor Hydrodynamics, Inc DATE: October 10, 1967

McConnick Road

NES L. CALVER COMMESSIO

DEPTH (feet)		TYPE OF ROCK OR SOIL PENET	REMARKS		
ROM	то	(gravel, clay, etc., hardness, color,	etc.)	(water, caving, shot, screen, sample, etc.)	
0	10	Clay 200 stor search pullow	.vicl aniada	EWANT Lake of The Yool, Svo	
10	45	Gray granne	L# Low	ALLER STORE Hydrodynamics	
45 88	88 205	Greenstone		ELL LOCATION COUNTY OF DEED	
205	295	Greenstone		Freedon Drive	
	A STATE OF A			WE DIRACTION AND DISTANCE IN FEET OR	
	. 1962	Dante COMPLETED: Colonea		WE STARTED: Sectomber 27.	
				ATER LEVEL Stands	
		gallons per minute			
	(<u>)</u> 610	1000 E 312 E 8-3, 4 miles from		ELD TEST. Method	
	3	j movi sat <u> </u>		Drowid on a second s	
		most Baloni		Rate Trace gi per r	
		SCREEP SIZE		Durotion 201	
	Jan Brand	mont_cationi	1981	ATER ZONES from	
	····· • · ·····			t	
	(CASE SIZE 5 TAMAN NOM			
		unort cadori		gars (
		GROUTING MITON		CLL TO SUPPLY (chack one) Nome	
		160		teorios ravot ravit	
				industryCih.cStabili	
				TER ANALYSIS SVALLABLE YM	
	otransia.	DERIVALS THUSE CAMPLES MAY DE TURRIVALS THUSE CAMPLES MAY DE ED FREE OF CHARGE UPON PECIESY		ICL OUTTINGS SAVED TOLLO ILL CUTTINGS CHOULD SE DOLLECTEC NUCLEXPRESS COLLECT SA TE PAGE	
				ARKS.	

⁽Use additional forms if necessary)

INTERVAL SHEET

		WWCR: 73
Page 1	of 1	VDMR Well No: 2043
Date rec'd:	11/16/67	Sample Interval: from 0 to: 285'
PROP:	Va. Wildlife Clubs, Inc. (Lake of Woods, Sweetbrier Division Well	Number of samples: 19
COMP:	Sydnor Hydrodynamics	Total Depth: 295'
COUNTY:	Orange (Locust Grove)	Oil or Gas: Water:X Exploratory:

From-To

From-To

From-To

From-	Тο

0	-	15		
15	~	30		
30	-	45		
45	-	60		
60	-	75		
75	-	90*		
90	-	105		
105	-	120		
120	-	135		
135	-	150		
150	-	165*		

100		100	
180	-	195	
195	-	210	
210	-	225*	
225	-	240	
240	-	255	
255	-	270	

* unwashed samples only

25 270 -285