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

(Sweetbrier Division, Well #6

WWCR: 78

VDMR: 2048

DRILLER: Sydnor Hydrodynamics, Inc.

TOTAL DEPTH: 340

COUNTY: Orange (Locust Grove)

GEOLOGIC LOG

Depth in feet					
0-60	No samples				
60 - 75	Saprolite - tan, slightly-weathered and iron-oxide stained frag- ments of gneiss, vein quartz and metaquartzite; clay				
75-100	" less weathered and iron-oxide stained				
100-115	Gneiss - gray, fine-grained, foliated, some schistose fragments; feldspar, amphiboles, quartz, chlorite, sericite and trace of pyrite				
115-130	11				
130-145	II .				
145-160	11				
160-175	light gray; large increase in amount of quartz				
175-190	11 11				
190-205	, tt — n				
205-220	11				
220-235	•				
235-250	11				
250-265	11				
265-280	11				
280-300	11				
300-315	ri .				
315-330	Lt.				
330-340					

OWNER: Virginia Wildlife Clubs, Lake of the Woods (Sweetbrier Division, Well #6)

#2048

GEOLOGIC SUMMARY

Rock Unit

Age

0-60^t 60-340^t No samples

Evington Group

Early Paleozoic

Virginia Division of Mineral Resources Robert G. Willson, Geologist January 17, 1968

COMMONWEALTH OF VIRGINIA

VDMR: 2048 WWCR: 78

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B~ 3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

rlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

OWNER: Virginia Wildlife Clubs, Inc Mailing Address: Box 631, Springfield, Va TENANT: Lake of The Woods, Sweetbrier DivisionMailing Address: Chancellor, Virginia Well #6 DRILLER: Sydnor Hydrodynamics, Inc Mailing Address: Box 1476, Richmond, Va WELL LOCATION: County Orange Approx. 50 feet west __(direction) of Intersection Liberty Blvd. and 50 feet mixes west (direction) of Liberty & Freedon (GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.) DATE STARTED: October 19, 1967 DATE COMPLETED: October 25, 1967 TYPE OF DRILL RIG USED: Rotary No. 66 TOTAL DEPTH 340 feet WATER LEVEL: Stands 32 feet below surface OR has NATURAL flow of_____gallons per minute. YIELD TEST: Method Submersible HOLE SIZE:7-7/8 inches from 0 to 100 feet 5 inches from 100 to 340 feet Drawdown _____ feet Rate 23.9 gal. per min. ____inches from _____to ____feet Duration 8 hrs. min. SCREEN SIZE:_____inches from _____to ____feet WATER ZONES: from 150 to 160 feet _____inches from _____to ____feet from 305 to 310 feet inches from _____to____feet CASE SIZE: 5 inches from 0 + 10 100 feet from ______to____ ____inches from____to___feet WATER: Color_____Taste____ Odor_____Temp. _____°F ____inches from ____to___feet GROUTING: Method Pressure WELL TO SUPPLY: (check one) Home _ cement and Material water Depth 100 feet Farm ____ Town ___ School __ Industry___Other_Subdivision PUMP: Туре _____ Capacity_____gal_per_min WATER ANALYSIS AVAILABLE: Yes _____No ____ Yes_X_No___ __feet Depth of intake ____ DRILL CUTTINGS SAVED: (DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS OFFICE EXPRESS COLLECT, SAMPLE BAGS ARE FURNISHED FREE OF CHARGE UPON REQUEST.) ARKS:____

ALMIONIVE ALOGATIA SWHOMMOD

Sydnor Hydrodynamics, Inc. FURNISHED BY:_

0ctober 30, 1967

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED		REMARKS AV Jellivsetto	
FROM	то	(gravel, clay, etc., hardness, color, etc.)		(water, caving, shot, screen, sample, etc.)	
0 60 60 95 95 160 160 305 305 310		Red clay Greenstone Soft greenstone Greenstone Greenstone Greenstone Soft greenstone			
310	340	l (ireenstone		SIVE ORECTION AND DISTANCE IN FRET OR COUNTY HIGHWAY OR OTHER MAR!)	
67		DATE COMPLETED:Colob	767	ATE STARTED: Ostober 19,	
feet	340	HTP30 LOTAL DEPTH	Rotary	YPE DE DRILL RIG USEC!	
		surface <u>OH</u>	woled tea	ATER LEVEL: Stands_32	
		stunim req entillog		A PUTAN and	
0.01eet	10_0	HOLE SIZE.7.27/8 inches from	ole.	EUD TEST Memod Submersi	
40_1001	00	Snother from a	†e	nwo.bwa10	
1991		nonas from		Rate 23.9 gal per d	
1991		SCREEN SIZEnones from		mend8ending_	
1981		moji csnow	160feet	ATER ZONES: from 150	
1991			310 (set	600 <u>305</u>	
(55)_00	1 01 1	GASE SIZE: 5 uchas com 0		oimoit	
tsel	c t	0,011 88,010		ATER: Color	
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	- 31.II	GROUTING, Me godTres.		ELL TO SUPPLY (check one) Home	
teal		cerment and Mater Bas		FootsSchool	
		PUMP Tyre	sion	andustryOtherSubdivi	
n) ni 1,6 c		100000		TER ANALYSIS AVAILABLEIMS.	
feet THIS	HIPPED TU	TERVALS THESE SAMPLES WAY BE		ILL CUTTINGS SAVED. Yes YOULL CUTTINGS SHOULD BE COLLECTED A FIDE EXPRESS COLLECT SAMPLE BAGS	
				ARKS	

INTERVAL SHEET

Page 1 of 1

WWCR: 78 VDMR Well No: 2048

Date rec'd: 11/21/67

COMP:

COUNTY:

Sample Interval: from 60' to: 340'

PROP: Va. Wildlife Clubs, Inc.

Number of samples: 18

(Lake of Woods, Sweetbrier Division Well #6

Orange (Locust Grove)

Total Depth: 340'

Sydnor Hydrodynamics

Oil or Gas: Water: X Exploratory:

	From-To	From-To	From-To	From-To
	No samples	_	=	-
	60 - 75*	-	-	
	75 - 100	_	-	-
	100 - 115*	-	-	-
	115 - 130*	=	-	-
	130 145*	_	_	
	145 160	_	_	_
	160 _ 175*	_	_	_
	175 190		- -	
0	190 - 205 205 - 220*	· -	-	
	220 - 235*	-	-	-
	235 - 250		-	
	250 - 265		-	-
	265 - 280		-	
	280 - 300		-	-
	200 - 215	* _	_	
	300 - 315 315 - 330	_	_	_
	313 330		_	_
	330 - 340		_	_
	_	_	_	_
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	~ unwashed	samples only		