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

Tara Division, Well #2

VDMR: 2113 WWCR: 85

3101

DRILLER: Sydnor Hydrodynamics, Inc.

TOTAL DEPTH:

COUNTY: Orange (Locust Grove)

# GEOLOGIC LOG

Depth in feet	
0-80	No samples
80-115	Saprolite - light-brown, micaceous; traces of limonite, pyrite, and vein quartz
115-130	Weathered phyllite — light greenish-gray, weathered reddish-brown; quartz, feldspar, sericite and chlorite; minor amounts of pyrite and vein quartz
130-145	Quartzite and quartz-sericite phyllite — very light-gray to white, sheared, micaceous quartzite and white quartz-sericite phyllite; minor amounts of chlorite, biotite (?), and pyrite; trace of vein quartz
145-160	11
160-175	11
175-190	Quartzite and chlorite schist — very light-gray to white, sheared, sericitic quartzite and sericite phyllite with dark-green, epidote-rich chlorite schist
190-205	11
205-220	11
220-235	" with minor amount of chlorite schist
235-250	11
250-265	Chlorite schist - dark-green; chlorite, quartz, feldspar, epidote, and minor amount of pyrite
265-280	Quartz-chlorite schist — medium gray-green, medium grained; quartz, chlorite, sericite and pyrite
280-295	Quartz-sericite schist or quartzite — light-gray, fine grained; minor amounts of chlorite and pyrite

OWNER: Virginia Wildlife Clubs, Inc. (Lake of the Woods) #2113
Tara Division, Well #2

295-300 Sericite-chlorite schist — medium-gray, with medium-grained, rounded quartz grains; minor amount of pyrite

300-310 No sample

#### GEOLOGIC SUMMARY

	ROCK UNIT	AGE
0-80 t	No samples	_
80-3001	Evington Group	Cambrian
300-310 <sup>1</sup>	No sample	.——

Virginia Division of Mineral Resources T. M. Gathright, Geologist March 1, 1968

#### INTERVAL SHEET WWCR 85

Pare 1 of 1

VDMR Well No: 2113

Date rec'd: 2/19/68

Sample Interval: from 80 to: 300'

PROP: Va. Wildlife Clubs, Inc. (Lake of the Woods)

Number of samples: 14

Tara Division, Well #2

Total Depth: 310'

COMP: Sydnor Hydrodynamics, Inc.

2 0002 D 0 pom.

COUNTY: Orange (Locust Grove)

Oil or Gas: Water: XExploratory:

From-To	From-To	From-To	From-To
No samples		- ·	
80 - 115	_		
115 - 130	_	_	_
130 - 145	_		_
145 - 160	_	_	
113 100			
160 - 175	_	-	_***
175 - 190	-	_	_
190 - 205	_	_	_
205 - 220	_	=	
220 - 235	_	_	_
220 233			
235 - 250	_	_	
250 - 265	_	_	
265 - 280	_	-	
280 - 295	_	-	
295 - 300	_	_	_
275 300			
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### COMMONWEALTH OF VIRGINIA

WWCR: 85 DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

# DIVISION OF MINERAL RESOURCES

B 3667

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS: McCormick Road

VDMR: 2113

WATER Charlottesville, Virginia C clottesville, VA 22903 WELL COMPLETION REPORT OWNER: Va. Wildlife Clubs, Inc. (Lake of the Woods) Moiling Address: Box 631-Springfield, Va. \_\_\_\_\_ Mailing Address: Chancellor, Va. TENANT: \_\_Tara Division, Well #2 DRILLER: Sydnor Hydrodynamics, Inc. Mailing Address: Box 1476 - Richmond, Virginia Soft greenstone WELL LOCATION: County Orange (Locust Grove) Approx. 50 xoutex southwest Birchside & Pine Valley feet XXXXXXX Pine Valley Road \_\_\_\_and\_\_\_400 southeast direction) of Intersection (GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.) DATE STARTED: 30 November 1967 DATE COMPLETED: 2 December 1967 TYPE OF DRILL RIG USED: Rotary No. 66 TOTAL DEPTH 310 feet Stands 38 feet below surface OR WATER LEVEL: has NATURAL flow of\_\_\_\_\_gallons per minute. HOLE SIZE: 83/4 inches from 0 to 90 feet YIELD TEST: Method \_ Submersible 5 inches from 90 to 310 feet Drawdown \_\_\_\_\_feet Rate 47 gal. per min. inches from \_\_\_\_\_to \_\_\_\_feet Duration 8 hrs. . \_\_\_min. SCREEN SIZE:\_\_\_\_inches from \_\_\_\_\_to \_\_\_\_feet WATER ZONES: from 90 to 145 feet \_\_\_\_\_inches from \_\_\_\_\_to \_\_\_\_feet from 195 to 196 \_\_\_\_inches from \_\_\_\_to\_\_\_feet from 301 to 303 feet CASE SIZE: 5 inches from 0 + 1 to 90 feet \_\_\_\_\_inches from\_\_\_\_to\_\_\_\_feet WATER: Color\_\_\_\_\_Taste\_\_ Odor\_\_\_\_\_Temp.\_\_\_\_\_°F \_\_inches from \_\_\_\_to\_\_\_feet GROUTING: Method Pressure TO SUPPLY: (check one) Home \_\_ Cement & Material Water Depth 90 feet Farm\_\_\_\_\_ Town\_\_\_\_ School\_\_ Industry\_\_\_\_Other\_Subdivision Туре \_\_\_\_\_ PUMP: Capacity\_\_\_\_\_gal. per min WATER ANALYSIS AVAILABLE: Yes \_\_\_\_\_No \_\_\_\_ Depth of intake \_\_\_\_ Yes\_X\_No\_\_\_ 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.) F ARKS:\_\_\_\_

COMMONWEALT BODE VIRGINIAL

FURNISHED BY: Sydnor Hydrodynamics, Inc. DATE: 21 December 1967

DEPTH earlow (feet)		TYPE OF ROCK OR SOIL PENETRATED		REMARKS AV	
FROM	ТО	(gravel, clay, etc., hardness, color, etc.)		(water, caving, shot, screen, sample, etc.)	
0 85 90 145 195	85 90 145 195 196 300			Water 3 GPM  (Application of the control of the con	
300	310	Green granite	e ser	Water @ 301'-303' (25 GPM estimate	
				DATE STARTED: * 20 Novembe	
79.91	316	Io. 66 TOTAL DEPTH	n yts.	TYPE OF DRILL RIG USED RO	
		autoce <u>08</u>	nuled ted	WATER LEVEL Stands 38 1	
		gallons per minute	tow_of	NATURA NATURA	
1691 01	l of (	HOLE SIZE. 8 3/4 inches from		CIELO TEST Merboo Submersible	
re-t 0.	£0tU		1-3-5	Drawdown f	
		nches from		itare 17 gat per a	
		SCREEN SIZE:nches Non		p8 neitonuO	
fast		ron	- 10 91 <u>- E</u> A	VATER ZONES: From 90 10 10	
1eg1		nches from		from 195 to	
1991	0.0 3/1 1	CASE SIZE: 5inches from 0.	19510	*ron: 301 vo	
(99)	o r	inches from	Note that the state of the state of the state of	VATER Color	
ias1		trom	78	TempTemp	
		GROUTING Method Pressure		VELL TO SUPPLY (check one) Home:	
feet	00	Cement & Water Dec		locatednwofmip9	
		PUMP' Type	noiai	IndustryCHner :: dbciv	
nim naq	160		5. P	CATER ANALYSIS AVAILABLE Yes	
[ee]		Depth of Intake	17	RILL COTTINGS SAVED. YELL	
SIHF	DT 13991Ha		N TOOR O' JA	DERLE CUTTINGS SHOULD BE COLLECTED DEFICE EXPRESS COLLECT SAMPLE BAG.	
				CARKS	