

OWNER: Virginia Wildlife Clubs, Inc. (Lake of the Woods)
Country Club Hills, Well #4
DRILLER: Sydnor Hydrodynamics, Inc.
COUNTY: Orange (Locust Grove)

VDMR: 2118
WWCR: 82
TOTAL DEPTH: 370'

GEOLOGIC LOG

<u>Depth in feet</u>	
0-85	No samples
85-100	Phyllite — light greenish-gray, weathered to light reddish-brown; sericite, chlorite, quartz, and minor amount of pyrite; vein quartz
100-115	"
115-130	"
130-145	"
145-160	"
160-175	"
175-190	Chlorite-sericite phyllite and calcareous quartzite — light-green, lusterous, calcareous chlorite-sericite phyllite, and white, calcareous quartzite; minor amount of pyrite in phyllitic fraction of sample
190-205	"
205-220	"
220-235	Chlorite-sericite phyllite — medium gray-green, slightly calcareous, weathered; minor amount of vein quartz or quartzite, trace of pyrite
235-250	"
250-265	" very calcareous
265-280	" "
280-295	" "
295-310	" "
310-325	" "
325-340	" "

OWNER: Virginia Wildlife Clubs, Inc. (Lake of the Woods) #2118
Country Club Hills, Well #4

340-355 Chlorite-sericite phyllite — medium gray-green,
very calcareous, weathered; minor amount of
vein quartz or quartzite, trace of pyrite

355-370 "

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-85'	No samples	
85-370'	Evington Group	Cambrian

Virginia Division of Mineral Resources
T. M. Gathright, Geologist
March 5, 1968

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

VDMR: 2118
WWCR: 82

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B-3667
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Virginia Wildlife Clubs (Lake of Woods) Mailing Address: Box 631, Springfield, Virginia

TENANT: Country Club Hills, Well #4 Mailing Address: Chancellor, Virginia

DRILLER: Sydnor Hydrodynamics, Inc. Mailing Address: Box 1476, Richmond, Virginia

WELL LOCATION: County Orange (Locust Grove) Approx. 500 ^{feet}~~miles~~ East (direction) of Green Street
and 500 ^{feet}~~miles~~ south (direction) of Broken Iron

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.)

DATE STARTED: 7 December 1967 DATE COMPLETED: 13 December 1967

TYPE OF DRILL RIG USED: Rotary #66 TOTAL DEPTH 370 feet

WATER LEVEL: Stands 42 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Submersible
Drawdown _____ feet
Rate 27 1/2 gal. per min.
Duration 8 hrs., _____ min.

HOLE SIZE: 8 3/4 inches from 0 to 176 feet
5 inches from 176 to 365 feet
_____ inches from _____ to _____ feet

WATER ZONES: from 150 to 175 feet
from 200 to 215 feet
from 345 to 350 feet

SCREEN SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

CASE SIZE: 5 inches from +1 to 176 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER: Color _____ Taste _____
Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____
Farm _____ Town _____ School _____
Industry _____ Other Subdivision

GROUTING: Method _____
Cement &
Material Water Depth 176 feet

WATER ANALYSIS AVAILABLE: Yes X No _____

PUMP: Type _____
Capacity _____ gal. per min
Depth of intake _____ feet

DRILL CUTTINGS SAVED: Yes X No _____

(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.)

REMARKS: _____

LOG

FURNISHED BY: Sydnor Hydrodynamics, Inc. DATE: 22 January 1968

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	55	Red and yellow clay	
55	150	Weathered green stone	
150	175	Soft green stone	
175	200	Green stone	
200	215	Soft green stone	
215	345	Green stone	
345	350	" "	
350	365	" "	

INTERVAL SHEET WWCR 82

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VDMR Well No: 2118

Date rec'd: 2/21/68

Sample Interval: from 85 to: 370'

PROP: Va. Wildlife Clubs (Lake of Woods)
Country Club Hills, Well #4

Number of samples: 19

COMP: Sydnor Hydrodynamics, Inc.

Total Depth: 370'

COUNTY: Orange (Locust Grove)

Oil or Gas: Water: XExploratory:

From-To	From-To	From-To	From-To
No samples	-	-	-
85 - 100	-	-	-
100 - 115	-	-	-
115 - 130	-	-	-
130 - 145	-	-	-
145 - 160	-	-	-
160 - 175	-	-	-
175 - 190	-	-	-
190 - 205	-	-	-
205 - 220	-	-	-
220 - 235	-	-	-
235 - 250	-	-	-
250 - 265	-	-	-
265 - 280	-	-	-
280 - 295	-	-	-
295 - 310	-	-	-
310 - 325	-	-	-
325 - 340	-	-	-
340 - 355	-	-	-
355 - 370	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples