

OWNER: Virginia Wildlife Clubs, Inc., Lake of the Woods VDMR: 2045
(Sweetbrier Div., Well #3) WWCRC: 75
DRILLER: Sydnor Hydrodynamics, Inc. TOTAL DEPTH: 300'
COUNTY: ORANGE (Locust Grove)

GEOLOGIC LOG

Depth in feet

0-10	Hornblende gabbro — greenish-gray, fine-grained, non-lineated; feldspar, hornblende and other amphiboles, chlorite, biotite and quartz
10-20	"
20-30	"
30-40	"
40-50	"
50-60	"
60-70	"
70-80	Granite -gneiss — gray, fine-grained, slightly foliated; feldspar, quartz, amphiboles, and trace of chlorite
80-90	"
90-100	"
100-110	No sample
110-120	Granite -gneiss — greenish-gray, fine-grained, slightly foliated; feldspar, amphiboles, quartz, and trace of chlorite
120-130	"
130-140	" with vein quartz
140-150	" "
150-160	" "
160-170	"
170-180	"
180-190	"
190-200	"

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200-210	Granite-gneiss - greenish-gray, fine-grained, slightly foliated; feldspar, amphiboles, quartz, and trace of chlorite
210-220	" with talc
220-230	"
230-240	" with talc and serpentine; less quartz
240-250	" "
250-260	" "
260-270	"
270-280	Chlorite-sericite schist - greenish-gray, gneissic, fine-grained, foliated; chlorite, sericite, feldspar, quartz, talc, serpentine, and vein quartz
280-290	"
290-300	"

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-300'	Evington Group	Early Paleozoic

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

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

VDMR 2045
WWCR 75

MAILING ADDRESS:

Box 3667
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Virginia Wildlife Clubs, Inc. Mailing Address: Box 631 - Springfield, Virginia
Lake of The Woods

TENANT: Sweetbrier Division, Well #3 Mailing Address: Chancellor, Virginia

DRILLER: Sydnor Hydrodynamics, Inc. Mailing Address: B1476 - Richmond, Virginia

WELL LOCATION: County Orange Approx. 300 ^{feet}~~miles~~ East (direction) of
Liberty Blvd. and 450 ^{feet}~~miles~~ South (direction) of In Park Area Freedom Drive

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

DATE STARTED: 5 October 1967 DATE COMPLETED: 12 October 1967

TYPE OF DRILL RIG USED: Rotary No. 67 TOTAL DEPTH 300 feet

WATER LEVEL: Stands 39 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Submersible
Drawdown _____ feet
Rate 16 gal. per min.
Duration 8 hrs., _____ min.

HOLE SIZE: 8-3/4 inches from 0 to 50 feet
5 inches from 50 to 300 feet
_____ inches from _____ to _____ feet

WATER ZONES: from 105 to 106 feet
from 174 to 175 feet
from 221 to 224 feet

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

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

CASE SIZE: 5 inches from 0 + 2 to 50 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method Pressure
Cement &
Material Water Depth 50 feet

WATER ANALYSIS AVAILABLE: Yes X No _____
DRILL CUTTINGS SAVED: Yes X No _____

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

(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: _____

INTERVAL SHEET

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VDMR Well No: 2045

Date rec'd: 11/17/67

Sample Interval: from 0 to: 300'

PROP: Va. Wildlife Clubs, Inc., Lake of the Woods
(Sweetbrier Div., Well #3)

Number of samples: 29

COMP: Sydnor Hydrodynamics, Inc.

Total Depth: 300'

COUNTY: Orange (Locust Grove)

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
-	-	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-

All intervals have both washed and unwashed samples