

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

GEOLOGIC LOG

Depth in feet

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

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

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-285	Granite Gneiss	Early Paleozoic (?)
285-295	No sample	—

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

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

Box 3667
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Virginia Wildlife Clubs, Inc. Mailing Address: Box 631, Springfield, Va.

TENANT: Lake of The Woods, Sweetbrier Div. Mailing Address: Chancellor, Virginia

DRILLER: Sydnor Hydrodynamics Well #1 Mailing Address: Box 1476, Richmond, Va.

WELL LOCATION: County Orange Approx. 150 ^{feet}~~miles~~ south (direction) of
Freedon Drive and 50 ^{feet}~~miles~~ west (direction) of Park Area Swimming Pool

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON 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: Stands _____ feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method _____
Drawdown _____ feet
Rate Trace gal. per min.
Duration _____ hrs., _____ min.

HOLE SIZE: 8-3/4 inches from 0 to 19 feet
5 inches from 19 to 295 feet
_____ inches from _____ to _____ feet

WATER ZONES: from _____ to _____ feet
from _____ to _____ feet
from _____ to _____ 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 + 1 to 19 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method _____
Material _____ Depth _____ feet

WATER ANALYSIS AVAILABLE: Yes _____ No X

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: October 10, 1967

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	10	Clay	
10	45	Gray granite	
45	88	Greenstone	
88	205	Gray granite	
205	295	Greenstone	

INTERVAL SHEET

WWCR: 73

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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 #1)

Number of samples: 19

COMP: Sydnor Hydrodynamics

Total Depth: 295'

COUNTY: Orange (Locust Grove)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 15	-	-	-
15 - 30	-	-	-
30 - 45	-	-	-
45 - 60	-	-	-
60 - 75	-	-	-
75 - 90*	-	-	-
90 - 105	-	-	-
105 - 120	-	-	-
120 - 135	-	-	-
135 - 150	-	-	-
150 - 165*	-	-	-
165 - 180	-	-	-
180 - 195	-	-	-
195 - 210	-	-	-
210 - 225*	-	-	-
225 - 240	-	-	-
240 - 255	-	-	-
255 - 270	-	-	-
270 - 285	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

* unwashed samples only