

OWNER: Virginia Inland Sail Boat Club  
(Stanley Breakell)  
DRILLER: Frank W. Martin Drilling Co., Inc.  
COUNTY: Franklin (Scruggs)

VDMR: 2060  
WWCR: 96  
TOTAL DEPTH: 220'

GEOLOGIC LOG

Depth in feet

0-10	Saprolite - tan, iron-oxide stained, fine-grained, extremely micaceous; fragments well-foliated schist and gneiss; mica, quartz, clay and feldspar
10-20	"
20-30	"
30-40	"
40-50	"
50-65	"
65-70	Biotite-muscovite-gneiss - gray, schistose, fine-grained, foliated, very micaceous; feldspar, quartz, biotite, muscovite, and trace of pink garnets; fragments of biotite-muscovite schist
70-80	"
80-90	"
90-100	"
100-110	"
110-120	"
120-130	"
130-140	"
140-150	"
150-160	"
160-170	"
170-180	"
180-190	" with trace of amphiboles

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190-200	Biotite-muscovite-gneiss - gray, schistose, fine-grained, foliated, very micaceous; feldspar, quartz, biotite, muscovite, and trace of pink garnets; fragments of biotite-muscovite schist
200-210	" with vein quartz
210-220	" "

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-65	Saprolite	
65-220	Lynchburg Formation	Precambrian

Virginia Division of Mineral Resources  
Robert G. Willson, Geologist  
December 28, 1967

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

3667  
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road  
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Virginia Inland Sail Boat Club Mailing Address: 2314 Patterson Avenue SW  
Roanoke, Virginia

TENANT: Stanley Breakell Mailing Address: 5163 Starkey Road SW

DRILLER: Frank W. Martin Drilling Co., Inc. Mailing Address: Roanoke, Virginia 24014

WELL LOCATION: County Franklin Approx. 3 ~~feet~~ miles southeast (direction) of  
Scruggs and feet miles north (direction) of St. Road 616

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

DATE STARTED: November 13, 1967 DATE COMPLETED: November 14, 1967

TYPE OF DRILL RIG USED: Davey M8A Air Drill TOTAL DEPTH 220 feet

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

YIELD TEST: Method Air Test

Drawdown \_\_\_\_\_ feet

Rate 15 gal. per min.

Duration \_\_\_\_\_ hrs., \_\_\_\_\_ min.

WATER ZONES: from Various to \_\_\_\_\_ feet

from \_\_\_\_\_ to \_\_\_\_\_ feet

from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER: Color Clear Taste \_\_\_\_\_

Odor \_\_\_\_\_ Temp. \_\_\_\_\_ °F

WELL TO SUPPLY: (check one) Home \_\_\_\_\_

Farm \_\_\_\_\_ Town \_\_\_\_\_ School \_\_\_\_\_

Industry \_\_\_\_\_ Other Sail Club

WATER ANALYSIS AVAILABLE: Yes \_\_\_\_\_ No X

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: \_\_\_\_\_

HOLE SIZE: 10 inches from 0 to 65 feet

6 1/4 inches from 65 to 220 feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

SCREEN SIZE: \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

CASE SIZE: 6 1/4 inches from 0 to 65 feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

GROUTING: Method Poured

Material Cement Depth \_\_\_\_\_ feet

PUMP: Type \_\_\_\_\_

Capacity \_\_\_\_\_ gal. per min

Depth of intake \_\_\_\_\_ feet

FURNISHED BY: Frank W. Martin Drilling Co., Inc. DATE: December 4, 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	220	Granite	Very hard

INTERVAL SHEET

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VDMR Well No: 2060

Date rec'd: 12/11/67

Sample Interval: from 0' to: 220'

PROP: Virginia Inland Sail Boat Club  
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Number of samples: 22

COMP: Frank Martin Drilling Company

Total Depth: 220'

COUNTY: Franklin (Scruggs)

Oil or Gas: WaterX Exploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 65	-	-	-
65 - 70	-	-	-
70 - 80	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
100 - 110	-	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples.