



OWNER: H. O. Warren  
DRILLER: B. N. Peters  
COUNTY: Henry (Ridgeway)

VDMR: 2199  
WWCR: 200  
TOTAL DEPTH: 226'

GEOLOGIC LOG

Depth in  
feet

0-30	No samples
30-40	Aplite — white, medium-grained, granitic; feldspar and quartz; traces of muscovite, biotite, garnet and amphiboles
40-50	No sample
50-60	Aplite — white, medium-grained, granitic; feldspar and quartz; traces of muscovite, biotite, garnet and amphiboles
60-70	" with increase in amount of biotite
70-80	" with increase in amount of biotite; iron-oxide stains on some fragments
80-90	Biotite granite — gray, medium- to fine-grained; feldspar, quartz, biotite, muscovite, and amphiboles
90-100	"
100-110	" increase in amounts of quartz and amphiboles, decrease in amounts of biotite and feldspar
110-120	Amphibolite — dark gray, medium-to fine-grained; amphiboles, quartz, feldspar, biotite, and trace of muscovite
120-130	"
130-140	"
140-150	"
150-160	"
160-170	"

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#2199

- 170-180 Biotite-amphibole granite — gray, medium-to fine-grained, holocrystalline; feldspar, quartz, biotite, amphiboles, and muscovite
- 180-190 Aplite — white, medium-to fine-grained; feldspar, quartz and muscovite
- 190-200 Biotite-amphibole granite — gray, medium-to fine-grained; feldspar, quartz, and biotite; minor amounts of amphiboles and muscovite
- 200-210 Aplite — white, medium-to fine-grained; feldspar, quartz, and muscovite
- 210-220 "
- 220-226 Amphibolite — dark-gray, medium-to fine-grained; amphiboles, feldspar, quartz, and biotite

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-30'	No samples	—
30-226'	Leatherwood Granite <sup>(?)</sup> and associated Amphibolites and Aplites	Paleozoic

Note: Foliation, lineation, or grain-size determinations not made because rock cuttings were pulverized during drilling

Virginia Division of Mineral Resources  
Robert G. Willson, Geologist  
July 15, 1968

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

VDMR: 2199  
WWCR: 200

MAILING ADDRESS:  
B-3667  
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES  
JAMES L. CALVER, COMMISSIONER  
WATER WELL COMPLETION REPORT

OFFICE ADDRESS:  
McCormick Road  
Charlottesville, Virginia

OWNER: H. O. Warren Mailing Address: Route 3, Ridgeway, Va.

TENANT: " Subdivision Mailing Address: \_\_\_\_\_

DRILLER: B. N. Peters Mailing Address: 1817 Blair Loop Rd.  
Danville, Va.

WELL LOCATION: County Henry Approx. \_\_\_\_\_ feet miles \_\_\_\_\_ (direction) of \_\_\_\_\_  
\_\_\_\_\_ and \_\_\_\_\_ feet miles \_\_\_\_\_ (direction) of \_\_\_\_\_

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

DATE STARTED: 11/8/67 DATE COMPLETED: 11/25/67

TYPE OF DRILL RIG USED: Cable TOTAL DEPTH 226 feet

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

YIELD TEST: Method Pump  
Drawdown \_\_\_\_\_ feet  
Rate 12 gal. per min.  
Duration \_\_\_\_\_ hrs., \_\_\_\_\_ min.

HOLE SIZE: 11 inches from 0 to 50 feet  
6 inches from 50 to 226 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER ZONES: from 90 to 100 feet  
from 140 to 150 feet  
from 180 to 190 feet

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

WATER: Color Clear Taste \_\_\_\_\_  
Odor None Temp. \_\_\_\_\_ °F

CASE SIZE: 6 3/4 inches from 0 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 Poured  
Material cement Depth 50 feet

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

PUMP: Type Jacuzzi  
Capacity 12 gal. per min  
Depth of intake 210 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: This system has been completed with 10,000 gal. pressure tank filled and  
blown out.