

OWNER: D. E. Maxey
DRILLER: Nelson-Roanoke Corporation
COUNTY: Franklin (Scruggs)

VDMR: 2177
WWCR: 104
TOTAL DEPTH: 163'

GEOLOGIC LOG

<u>Depth in feet</u>	
0-10	Saprolite — brown; iron-oxide-stained and weathered schist; biotite, muscovite, quartz clay, and trace of feldspar
10-20	"
20-30	"
30-40	"
40-50	Quartz-mica schist — dark-gray, fine-grained, foliated; quartz, biotite, muscovite, and feldspar
50-60	"
60-70	Biotite-Muscovite-gneiss — gray, fine-grained, foliated; quartz, feldspar, biotite, and muscovite
70-80	Quartz-Mica schist — dark gray, fine-grained, foliated; quartz, biotite, muscovite, feldspar, and trace of amphibole
80-90	Biotite — Muscovite gneiss — gray, fine-grained, foliated; quartz, biotite, feldspar, and muscovite
90-100	"
100-110	" with fragments of amphibolite containing pyrite
110-120	Amphibolite — light-green, fine-grained, lineated; actinolite, hornblende, quartz, mica and feldspar
120-130	"
130-140	" dark-green to gray; increased amount of hornblende
140-150	" "
150-160	" with fragments of biotite-gneiss and trace of pink garnet

OWNER: D. E. Maxey

#2177

160-163 No sample

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-40'	Saprolite	
40-160'	Lynchburg Formation	<u>Precambrian</u>
160-163'	No sample	<u> </u>

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
May 13, 1968

VDNR-2177
WWCR-104

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

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: Mr. Donald E. Maxey Mailing Address: 1617 8th Street, S. E. Roanoke

TENANT: _____ Mailing Address: _____

DRILLER: Nelson-Roanoke Corporation Mailing Address: P. O. Box 2827, Roanoke

WELL LOCATION: County Franklin Approx. east of feet St. miles Rt. 122 - RR Rt. 616 (direction) of Indian Village feet on St. Rd. 616 (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: May 1, 1968 DATE COMPLETED: May 2, 1968

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 163' feet

WATER LEVEL: Stands _____ feet below surface OR

has NATURAL flow of 6 gallons per minute.

YIELD TEST: Method Drill Air

Drawdown _____ feet

Rate 6 gal. per min.

Duration 3 hrs., _____ min.

HOLE SIZE: 6 1/2 inches from 0 to 50 feet

6" inches from 50 to 163 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 6 1/2 inches from 0 to 50 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

WATER ZONES: from 140' to _____ feet

from _____ to _____ feet

from _____ to _____ feet

WATER: Color _____ Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School _____

Industry _____ Other Camp

GROUTING: Method Cement

Material _____ Depth _____ feet

PUMP: Type _____

Capacity _____ gal. per min

Depth of intake _____ feet

WATER ANALYSIS AVAILABLE: Yes X No _____

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: 16 samples

LOG

FURNISHED BY: Nelson-Roanoke Corporation

DATE: May 6, 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	163'	Granite	