

OWNER: J. F. Davis
DRILLER: Nelson-Roanoke Corporation
COUNTY: Franklin (Scruggs)

VDMR: 2164
WWCR: 99
TOTAL DEPTH: 103'

GEOLOGIC LOG

<u>Depth in feet</u>	
0-10	Saprolite — brown, weathered and iron-oxide stained; mica, quartz, feldspar amphiboles, clay; fragments of partially-weathered gneiss
10-20	"
20-30	"
30-40	Amphibole-gneiss — dark-gray, fine- to medium-grained, lineated-to slightly-foliated; amphibole, quartz, and minor amounts of feldspar and biotite
40-50	"
50-60	"
60-70	"
70-80	"
80-90	" with slight increase in amount of biotite
90-100	Biotite-gneiss — gray, fine- to medium-grained, foliated; quartz, biotite, feldspar, minor amount of amphiboles, and trace of muscovite
100-103	No sample

GEOLOGIC SUMMARY

<u>ROCK UNIT</u>	<u>AGE</u>
0-30'	Saprolite
30-100'	Lynchburg Formation
100-103'	No sample

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
April 8, 1968

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COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

VDMR - 2164
WWCR 99

MAILING ADDRESS:
Box 3667, University Sta.
Charlottesville, Virginia

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

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

OWNER: J. F. Davis Mailing Address: 1827 Warrington Road, S.W.

TENANT: _____ Mailing Address: _____

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

WELL LOCATION: County Franklin Approx. 1/4 ~~1/2~~ miles _____ (direction) of
passed Saunders Store and 1/2 ~~1/2~~ miles Route 616 (direction) of Smith Mountain Lake
beyond

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

DATE STARTED: 3-20-68 DATE COMPLETED: 3-21-68

TYPE OF DRILL RIG USED: Air Rotary Reichdrill TOTAL DEPTH 103 feet

WATER LEVEL: Stands _____ feet below surface OR
has NATURAL flow of 15 gallons per minute.

YIELD TEST: Method Drill air
Drawdown _____ feet
Rate 15 gal. per min.
Duration 2 hrs., _____ min.

HOLE SIZE: 6 3/8 inches from 0 to 48 1/2 feet
1 5 inches from 48 to 103 feet
_____ inches from _____ to _____ feet

WATER ZONES: from _____ to 48 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: 6 1/4 inches from 0 to 45 1/2 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method Cement and water
Material _____ Depth _____ feet

WATER ANALYSIS AVAILABLE: Yes _____ No X

PUMP: Type _____
Capacity _____ gal. per min.

DRILL CUTTINGS SAVED: Yes X No _____

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: 10 samples

LOG

FURNISHED BY: Nelson-Roanoke Corporation

DATE: March 29, 1968

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
	103	Granite	