

OWNER: J. F. Wilson
DRILLER: Nelson-Roanoke Corp.
COUNTY: Bedford (Thaxton)

VDMR: 2063
WWCR: 171
TOTAL DEPTH: 343'

GEOLOGIC LOG

Depth in feet

0-10	Flaser gneiss - medium greenish-gray, fine-grained, with coarse-grained blue quartz; quartz, feldspar, hypersthene and biotite; weathered
10-20	"
20-30	" little weathered material
30-40	" "
40-50	Flaser gneiss - medium gray-green matrix with coarse, pink and white feldspar grains; quartz, feldspar, hypersthene, chlorite, and minor biotite; traces of epidote, ilmenite, and graphite; slickensides
50-60	"
60-70	" with fluorite
70-80	"
80-90	"
90-100	"
100-110	"
110-120	"
120-130	"
130-140	"
140-150	"
150-160	"
160-170	"
170-180	"

OWNER: J. F. Wilson

#2063

180-190	Flaser gneiss - medium gray-green matrix with coarse, pink and white feldspar grains; quartz, feldspar, hypersthene, chlorite, and minor biotite; traces of epidote, ilmenite, and graphite; slickensides
190-200	" some weathered material
200-210	Granite - light greenish-pink, very coarse-grained to micro-crystalline, sheared; pink and white feldspar, quartz, hypersthene, chlorite and minor epidote; traces of ilmenite and sphalerite; well-developed cleavage and slickensides on some fragments; some weathered material
210-220	"
220-230	"
230-240	"
240-250	"
250-260	" with sericite; little evidence of shearing
260-270	" "
270-280	"
280-290	"
290-300	" traces of calcite and fluorite
300-310	"
310-320	"
320-330	"
330-340	"
340-343	No sample

GEOLOGIC SUMMARY

Rock Unit

Age

Pedlar Formation

Precambrian

Virginia Division of Mineral Resources
T. M. Gathright, Geologist
December 28, 1967

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

VDMR - 2063
WWCR - 171

MAILING ADDRESS:

B 3667
C Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: J. F. Wilson Mailing Address: 1842 Greenwood Road SW, Roanoke

TENANT: _____ Mailing Address: _____

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

WELL LOCATION: County Bedford Approx. 2 ^{feet}/_{miles} west (direction) of
Thaxton on U.S. Hwy 460 and 50 ^{feet}/_{miles} south (direction) of Route 460

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

DATE STARTED: 11/13/67 DATE COMPLETED: 11/17/67

TYPE OF DRILL RIG USED: Air Rotary TOTAL DEPTH 343 feet

WATER LEVEL: Stands 25 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Drill
Drawdown _____ feet
Rate 10 gal. per min.
Duration 5 hrs., _____ min.

HOLE SIZE: 10 7/8 inches from 0 to 60 feet
6 1/8 inches from 60 to 343 feet
_____ inches from _____ to _____ feet

WATER ZONES: from 210 to _____ feet
from _____ to _____ feet
from _____ to _____ 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" Heavy inches from 0 to 60 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method Poured Cement
Material Cement Depth 60 feet

WATER ANALYSIS AVAILABLE: Yes _____ No X

PUMP: Type (None as yet)
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: Nelson-Roanoke Corporation 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	56	Light brown with clay	
56	343	Granite	

INTERVAL SHEET

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VDMR Well No: 2063

Date rec'd: 12/12/67

Sample Interval: from 0' to: 340'

PROP: J. F. Wilson

Number of samples: 34

COMP: Nelson-Roanoke Corp.

Total Depth: 343'

COUNTY: Bedford (Thaxton)

Oil or Gas: Water Exploratory:

From-To	From-To	From-To	From-To
0 - 10	300 - 310	-	-
10 - 20	310 - 320	-	-
20 - 30	320 - 330	-	-
30 - 40	330 - 340	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 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	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-

All intervals have both washed and unwashed samples.