

INTERVAL SHEET

Page 1 of 1

VDMR Well No: 2080

Date rec'd: 1/5/68

Sample Interval: from 140' to: 400'

PROP: R & J Water Company
(Arlington Hills, Well #2)

Number of samples: 22

COMP: J. T. Kesler

Total Depth: 425'

COUNTY: Roanoke (Cave Springs)

Oil or Gas: Water^X Exploratory:

From-To	From-To	From-To	From-To
No sample	-	-	-
140 -	-	-	-
150 -	-	-	-
160 -	-	-	-
170 -	-	-	-
-	-	-	-
200 -	-	-	-
210 -	-	-	-
220 -	-	-	-
230 -	-	-	-
-	-	-	-
240 -	-	-	-
250 -	-	-	-
-	-	-	-
275 -	-	-	-
-	-	-	-
300 -	-	-	-
310 -	-	-	-
320 -	-	-	-
330 -	-	-	-
340 -	-	-	-
-	-	-	-
350 -	-	-	-
360 -	-	-	-
370 -	-	-	-
380 -	-	-	-
390 -	-	-	-
-	-	-	-
400 -	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples.

OWNER: R & J Water Company
(Arlington Hills, Well #2)
DRILLER: J. T. Kesler
COUNTY: Roanoke (Cave Springs)

VDMR: 2080
WWCR: 474
TOTAL DEPTH: 425'

GEOLOGIC LOG

Depth in feet

0-140	No samples
140	Granodiorite - medium- to dark-gray-green, very fine-grained; quartz, feldspar, biotite, hypersthene, and some magnetite
150	"
160	" with traces of pyrite and garnet
170	Granite - light-gray, coarse-grained; plagioclase, quartz and hypersthene, with traces of biotite and pyrite
200	Granite - light- to medium-gray, coarse-grained; calcic plagioclase, quartz and hypersthene with traces of biotite and pyrite
210	"
220	"
230	" with traces of sericite and calcite
240	" "
250	" with trace of ilmenite
275	" "
300	" "
310	" " and trace of garnet
320	" "
330	" "
340	Granite - very light-gray, medium-grained; plagioclase, quartz and hypersthene, with traces of pyrite and garnet

OWNER: R & J Water Company (Arlington Hills, Well #2)

#2080

350	Granodiorite - medium- to dark-gray-green, medium-grained; quartz, calcic plagioclase, hypersthene with traces of garnet, biotite and pyrite
360	"
370	"
380	"
390	"
400	"
400-425	No samples

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-140'	No Samples	
140-400'	Pedlar Formation	Precambrian
400-425'	No Samples	

Virginia Division of Mineral Resources
T. M. Gathright, Geologist
January 10, 1968

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

B 3667
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: R & J Water Company Mailing Address: Rt. 4, Box 403, Roanoke, Va.

TENANT: Arlington Hills, Well #2 Mailing Address: _____

DRILLER: J. T. Kesler Mailing Address: Rt. 4, Box 403, Roanoke, Va.

WELL LOCATION: County Roanoke Approx. 2 ^{feet}~~miles~~ south (direction) of
Cave Springs and 1000 ^{feet}~~miles~~ southeast (direction) of U.S. 221

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

DATE STARTED: _____ DATE COMPLETED: November 1967

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 425 feet

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

YIELD TEST: Method _____
Drawdown _____ feet
Rate 7 gal. per min.
Duration 48 hrs., _____ min.

HOLE SIZE: 10 inches from 0 to 100 feet
6 inches from 100 to 425 feet
_____ inches from _____ to _____ feet

WATER ZONES: from _____ to _____ 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 inches from 0 to 100 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method _____
Material _____ Depth _____ feet

WATER ANALYSIS AVAILABLE: Yes _____ No _____

PUMP: Type _____
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: J. T. Kesler DATE: 1/2/68

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	100	Overburden	