

OWNER: Reed Creek Water Co. #4
(Lakewood Sub. Well #2)
DRILLER: Carolina-Virginia Well Co.
COUNTY: Henry (Horsepasture)

VDMR: 1956
WWCR: 187
TOTAL DEPTH: 300

GEOLOGIC LOG

Depth in feet

0-10	Biotite gneiss - medium gray, weathered, dark-reddish brown, medium to coarse grained; quartz, biotite, feldspar, garnet, white and pink clays and sericite.
10-20	"
20-30	"
30-40	Biotite gneiss - medium gray, fine grained, granulated, garnetiferous; quartz, feldspar, biotite, chloritoid and garnet.
40-50	"
50-60	" with much biotite and garnet.
60-70	" " trace blue quartz.
70-80	" " weathered.
80-90	" weathered.
90-100	" "
100-110	Biotite gneiss - medium gray, fine grained, saccharoidal, garnetiferous; quartz, feldspar, biotite, and sericite, garnet; some weathered material.
110-120	" with rolled garnets in biotite matrix.
120-130	Biotite gneiss - medium-gray, fine-grained, quartz, biotite, feldspar, garnet, and trace blue quartz; some weathered material.
130-140	"
140-150	" no weathered material.
150-160	" "
160-170	" "
170-180	" "
180-190	" " some banding.

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- 190-200 Biotite gneiss - medium-gray, fine-grained, quartz, biotite, feldspar, garnet, and trace blue quartz;
- 200-210 "
- 210-220 Biotite gneiss - medium-gray, fine- to medium-grained, banded, garnetiferous; with quartz biotite, feldspar, pink garnet (1-2 mm) and trace of pyrite.
- 220-230 "
- 230-240 "
- 240-250 " with some weathered biotite.
- 250-260 " "
- 260-270 " " granulated quartz veinlets.
- 270-280 " with traces of sericite and vein quartz.
- 280-290 " traces of vein quartz and pyrite.
- 290-300 " "

GEOLOGIC SUMMARY

<u>Rock Unit</u>	<u>Age</u>
Biotite gneiss	Paleozoic

Virginia Division of Mineral Resources
T. M. Gathright, Geologist
September 9, 1967

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

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: Reed Creek Water Co. #4 Mailing Address: P. O. Box 56, Collinsville, Va.

TENANT: Lakewood Subdivision Well #2 Mailing Address: _____

DRILLER: Carolina-Virginia Well Co. Mailing Address: P. O. Box 171, Stoneville, N. C.

WELL LOCATION: County Henry (Horsepasture) 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: 8/1/65 DATE COMPLETED: 8/30/65

TYPE OF DRILL RIG USED: Air Rotary TOTAL DEPTH 300 feet

WATER LEVEL: Stands 40 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Pump
Drawdown 257 feet
Rate 8 gal. per min.
Duration 6 hrs., 0 min.

HOLE SIZE: 10 inches from 0 to 50 feet
6 inches from 50 to 300 feet
_____ inches from _____ to _____ feet

WATER ZONES: from 53 to 60 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 Good
Odor None Temp. 40-45 °F

CASE SIZE: 6 inches from 0 to 52 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 & Water Depth 50 feet

WATER ANALYSIS AVAILABLE: Yes No _____
DRILL CUTTINGS SAVED: Yes 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: _____

FURNISHED BY: _____ DATE: _____

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	7	Red clay	
7	17	Yellow clay	
17	50	Sandstone	
50	52	Granite	
52	55	White quartz	
55	300	Gray granite	

INTERVAL SHEET

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VDMR Well No: 1956

Date rec'd: 9/5/67

Sample Interval: from 0 to 300

PROP: Reed Creek Water Co. #4
(Lakewood Sub. #2)

Number of samples: 30

COMP: Carolina-Virginia Well Co.

Total Depth: 300

COUNTY: Henry(Horsepasture)

Oil or Gas: Water: ^X Exploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
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.