

OWNER: Town of Round Hill, Well #3
DRILLER: Harry W. Lawson
COUNTY: Loudoun (Round Hill)

VDMR: 2009
WWCR: 602
TOTAL DEPTH: 600'

GEOLOGIC LOG

Depth in feet

10	Greenstone - tan, weathered, with iron-oxide staining; aphanitic, microcrystalline and cryptocrystalline; feldspar, quartz, chlorite, biotite, epidote and sericite
20	"
30	Greenstone - blue-gray, slightly weathered, little iron-oxide staining; aphanitic, microcrystalline and cryptocrystalline; feldspar, quartz, chlorite, biotite, epidote and sericite
40	"
50	"
60	"
70	"
80	"
90	" increase in weathering and iron-oxide staining
100	" "
110	"
120	"
130	" increase in weathering and iron-oxide staining
140	"
150	"
160	"
170	"
180	"
190	"

OWNER: Town of Round Hill, Well #3

#2009

- 200 Greenstone - blue-gray, slightly weathered, little iron-oxide staining; aphanitic, microcrystalline and cryptocrystalline; feldspar, quartz, chlorite, biotite, epidote and sericite
- 210 "
- 220 "
- 230 "
- 240 Greenstone - blue-gray, aphanitic, microcrystalline and cryptocrystalline; feldspar, quartz, chlorite, biotite, epidote and sericite
- 250 "
- 260 "
- 270 "
- 280 "
- 290 "
- 300 "
- 310 "
- 320 " increase in epidote
- 330 No sample
- 340 Greenstone - blue-gray, aphanitic, microcrystalline and cryptocrystalline; feldspar, quartz, chlorite, biotite, epidote and sericite
- 350 "
- 360 "
- 370 No sample
- 380 Greenstone - blue-gray, aphanitic, microcrystalline and cryptocrystalline; feldspar, quartz, chlorite, biotite, epidote and sericite
- 390 " slightly schistose; increase in sericite, chlorite and epidote

OWNER: Town of Round Hill, Well #3

#2009

400	Greenstone - blue-gray, aphanitic, microcrystalline and cryptocrystalline; feldspar, quartz, chlorite, biotite, epidote and sericite	
410	"	
420	"	
430	"	
440	"	
450	"	
460	"	
470	"	
480	"	
490	"	
500	"	
510	"	increase in epidote
520	"	"
530	"	"
540	"	"
550	"	"
560	"	"
570	"	
580	No sample	
590	Greenstone - blue-gray, aphanitic, microcrystalline and cryptocrystalline; feldspar, quartz, chlorite, biotite, epidote and sericite	
600	"	

OWNER: Town of Round Hill, Well #3

#2009

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
10-600	Catoctin Formation	Cambrian (?)

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
November 30, 1967

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

VDMR - 2009
WWCR - 602

MAILING ADDRESS:
P. 3667
Charlottesville, VA 22903

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

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

OWNER: Town of Round Hill Mailing Address: Round Hill, Va.

TENANT: Well #3 Mailing Address: _____

DRILLER: Harry W. Lawson Mailing Address: Route 4, Leesburg, Va.

WELL LOCATION: County Loudoun Approx. 1/4 ~~xxx~~ miles northeast (direction) of
Round Hill reservoir and 5 ~~xxx~~ miles northwest (direction) of Round Hill

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

DATE STARTED: August 1967 DATE COMPLETED: August 1967

TYPE OF DRILL RIG USED: Air Rotary TOTAL DEPTH 600 feet

WATER LEVEL: Stands 10 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Air

Drawdown _____ feet

Rate 10 gal. per min.

Duration _____ hrs., _____ min.

WATER ZONES: from 20 to 85 feet

from _____ to _____ feet

from _____ to _____ feet

WATER: Color _____ Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town X School _____

Industry _____ Other _____

WATER ANALYSIS AVAILABLE: Yes _____ 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: No water past 85'. State asked for 100' of casing

HOLE SIZE: 6 inches from 0 to 600 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

GROUTING: Method _____

Material _____ Depth _____ feet

PUMP: Type _____

Capacity _____ gal. per min

Depth of intake _____ feet

INTERVAL SHEET

Page 1 of 1

VDMR Well No: 2009

Date rec'd: 10/4/67

Sample Interval: from 10' to: 600'

PROP: Town of Round Hill, Well #3

Number of samples: 57

COMP: H. W. Lawson

Total Depth: 600'

COUNTY: Loudoun (Round Hill)

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To
10 -	* 310 -	-	-
20 -	320 -	-	-
30 -	-	-	-
40 -	* 340 -	-	-
50 -	350 -	-	-
60 -	* 360 -	-	-
70 -	-	-	-
80 -	* 380 -	-	-
90 -	390 -	-	-
100 -	400 -	-	-
110 -	* 410 -	-	-
120 -	420 -	-	-
130 -	430 -	-	-
140 -	* 440 -	-	-
150 -	* 450 -	-	-
160 -	460 -	-	-
170 -	470 -	-	-
180 -	480 -	-	-
190 -	490 -	-	-
200 -	500 -	-	-
210 -	510 -	-	-
220 -	* 520 -	-	-
230 -	530 -	-	-
240 -	540 -	-	-
250 -	550 -	-	-
260 -	560 -	-	-
270 -	570 -	-	-
280 -	-	-	-
* 290 -	590 -	-	-
300 -	600 -	-	-

* Unwashed samples only