OWNER: Town of Round Hill, Well #2

DRILLER: Harry W. Lawson COUNTY: Loudoun (Round Hill)

VDMR: 2008 WWCR: 604 TOTAL DEPTH: 240<sup>t</sup>

# GEOLOGIC LOG

### Depth in feet

## CATOCTIN FORMATION (0-210t)

10	crystalline and cr chlorite, biotite,	ered and broken; aphanitic, micro- yptocrystalline; feldspar, quartz, epidote and sericite; iron-oxide staining ins; minor amounts of clay and silt
20	11	
30	11	
40	11	
50	11	
60	п	·
70		less weathered; mottled gray and red- brown; no silt
80	tt	11
90	cryptocrystalline;	y, aphanitic, microcrystalline and feldspar, quartz, chlorite, biotite, epidote, es and vein quartz
100	11	
110	II	increased cryptocrystalline material, less epidote, chlorite, biotite and vein quartz
120	п	rt -
130	Greenstone - gray, apha a few small quartz	nitic, cryptocrystalline, very fine-grained; veins
140	11	
150		
160	. 11	
170	11	with trace of pyrite

OWNER: Town of Round Hill, Well #2

11

240

#2008

180	Greenstone - blush-gray, aphanitic, microcrystalline and cryptocrystalline; quartz, feldspar, chlorite, biotite, epidote, sericite and trace of pyrite			
190	greenish-gray; much more epidote; vein quartz			
200	11			
SWIFT RUN FORMATION (210-240t)				
210	Phyllite - slightly purplish-pinkish-gray, aphanitic, crypto- crystalline, with a few microcrystalline fragments; slightly foliated, slickensides; mostly feldspar, sericite and quartz; minor epidote			
220	П			
230	11			

#### GEOLOGIC SUMMARY

	Rock Unit	Age	
0-210	Catoctin Formation	Cambrian (?)	
210-240	Swift Run Formation (?)	Cambrian (?)	

Virginia Division of Mineral Resources Robert G. Willson, Geologist November 28, 1967

VDMR - 2008

COMMONWEALTH OF VIRGINIA

WWCR - 604

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

B 3667

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS: McCormick Road

C. lottesville, VA 22903

WATER WELL COMPLETION

REPORT

Charlottesville, Virginia

OWNER: Town of Round Hill	Mailing Address Round Hill, Va.
TENANT: Well #2	
DRILLER: Harry W. Lawson	
WELL LOCATION: County Loudoun	
	feet northwest (direction) of /Round Hill
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TY COUNTY HIGHWAY OR OTHER MAP.)	
DATE STARTED: August 1967	DATE COMPLETED: August 1967
TYPE OF DRILL RIG USED: Air rotary	TOTAL DEPTH 240 feet
WATER LEVEL: Standsfeet below	surface <u>OR</u>
has <u>NATURAL</u> flow of	1 gallons per minute.
YIELD TEST: MethodAir	HOLE SIZE: 10 inches from 0 to 17 feet
Drawdown feet	6inches from17to240feet
Rate 20 gal. per min.	inches fromtofeet
Durationhrs.,min.	SCREEN SIZE:inches fromtofeet
WATER ZONES: from 20 to 60 feet	inches fromtofeet
* fromtofeet	inches fromtofeet
fromtofeet	CASE SIZE: 6 inches from 0 to 26 feet
WATER: ColorTaste	inches fromtofeet
Odor	inches fromtofeet
WELL TO SUPPLY: (check one) Home	GROUTING: Method
Farm Town X School	Material Depth feet
IndustryOther	PUMP: Type
WATER ANALYSIS AVAILABLE:YesNo_X_	Capacitygal. per min
DRILL CUTTINGS SAVED: Yes_X_No  (DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT 11  OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHE	
RARKS* No water past 60°; State Health Dept.	asked for 100 <sup>t</sup> of casing

FURNISHED BY: Harry W. Lawson DATE: August 1967

**VDMR - 2008** 

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETI	RATED REMARKS
ROM	то	( gravel, clay, etc., hardness, color,	etc.) (water, caving, shot, screen, sample, etc.
0 65 155 160 200	65 155 160 200 240	Gravel Greenstone Broken shale Greenstone Broken gray stone	20 gpm 20-60 <sup>‡</sup> Downed .W.yrashi.Maljh  Doswad .W.yrashi.Maljh  Doswad .W.yrashi.Maljh
ио :	TH SMEVIL	WO RETERENCE FORMYS - ROADS, TOWNS	VE DIRECTION AND DISTANCE IN PEET OR MILES FROM TOURS IN THE MAP I
	7	DATE COMPLETED August 190	TE STARTED August 1967
f991	240	нтязо затот	PE OF DRILL RIG USED Air 15 SERY
		-je: apolnus	Stonus 10 heraw
		I	ABUTAN SON
		HOUE SIZE. 10 years from 0	ELD TESTI Method Air
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991	J12626	most vedom	1 0.0 7
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		DROUTING AMESON	LL TO SUPPLY (chack one) Home
957			FormFormSchool
			IndustryOshe
non rei	lap.	4925920	TER ANALYSIS AVAILABLE YELL NO X
sat zier	or a Math		ILL CUTTINGS SAVED THE X NO
		saked for 100 of easing	ARKS* No water post 601; State dealth Dept.
		(Use additional forms	

#### INTERVAL SHEET

of 1

VDMR Well No: 2008

Date rec'd: 10/4/67

Sample Interval: from 10° to: 240°

PROP: Town of Round Hill, Well #2

Number of samples: 24

COMP: Harry W. Lawson

Total Depth: 240

COUNTY: Loudoun (Round Hill)

Oil or Gas: WaterX Exploratory:

Fr	om-To	From	-To	From-To	From-To
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		* Unwashed sam	ples only		