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

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VDMR: 2009 WWCR: 602 TOTAL DEPTH: 600^t

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GEOLOGIC LOG

10	microcrystalline	thered, with iron-oxide staining; aphanit e and cryptocrystalline; feldspar, quartz , epidote and sericite
20	IT IT	
30	staining; aphanit	y, slightly weathered, little iron-oxide ic, microcrystalline and cryptocrystalli , chlorite, biotite, epidote and sericite
40	11	
50	п	
60	11	
70	11	
80	**	
90		increase in weathering and iron-oxide staining
100	**	11
110		
120	11	
130	"	increase in weathering and iron-oxide staining
140	11	
150		
160		
170	"	
180	**	
190	11	

OWNER: 7	Γown	of	Round	Hill,	Well	#3
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0	200	staining; aphanitic	slightly weathered, little iron-oxide , microcrystalline and cryptocrystalline; chlorite, biotite, epidote and sericite
	210	Ш	
	220		
	230	. 11	
	240		aphanitic, microcrystalline and feldspar, quartz, chlorite, biotite, te
	250	11	· · · ·
	260	"	
	270	11	
	280	н	
\mathbf{O}	290	n .	
	300	**	
	310		
	320	11	increase in epidote
	330	No sample	
	340		aphanitic, microcrystalline and feldspar, quartz, chlorite, biotite, te
	350	11 .	
	360	"	
	370	No sample	
0	380		aphanitic, microcrystalline and feldspar, quartz, chlorite, biotite, te
	390	11	slightly schistose; increase in sericite, chlorite and epidote

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400		gray, aphanitic, microcrystalline and lline; feldspar, quartz, chlorite, biotite, sericite
410	u.	· · ·
420	11	
430		
440	41	
450	u	•
460	11	
470	(1)	
480	н	
490	*1	
500	u.	
510	11	increase in epidote
520	н	11
530	11	11
540	11	п
550	11	11
560	11	п
570	11	
580	No sample	
590		gray, aphanitic, microcrystalline and lline; feldspar, quartz, chlorite, biotite, ericite
600	11	

GEOLOGIC SUMMARY

-4-

Rock Unit

Age

10-600

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Catoctin Formation

Cambrian (?)

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

COMMONWEALTH	WWCR = 602
MAILING ADDRESS: DIVISION OF MIN JAMES L. CALVE	ON AND ECONOMIC DEVELOPMENT IERAL RESOURCES OFFICE ADDRESS: R, COMMISSIONER McCormick Road OMPLETION REPORT Charlottesville, Virginia
OWNER: Town of Round Hill	Mailing Address: <u>Round Hill</u> , Va.
TENANT: Well #3	Mailing Address:
DRILLER: Harry W. Lawson	Mailing Address: Route 4, Leesburg, Va.
WELL LOCATION: County Loudoun	Approx. <u>1/4</u> miles <u>northeast</u> (direction) of
Round Hill reservoir and 5	miles_northwest (direction) of Round Hill
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM T COUNTY HIGHWAY OR OTHER MAP.)	WO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC ON
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 <u>OR</u>
has <u>NATURAL</u> flow of	gallons per minute.
YIELD TEST: Method	HOLE SIZE: <u>6</u> inches from 0 to 600 feet
Drawdown feet	inches fromtofeet
Rate <u>10</u> gal. per min.	inches fromtofeet
Durationhrs. ,min.	SCREEN SIZE:inches fromtofeet
WATER ZONES: from 20 to 85 feet	inches fromtofeet
fromtofeet	inches fromtofeet
fromtotofeet	CASE SIZE:inches fromtofeet
WATER: ColorTaste	inches fromtofeet
OdorTemp	inches fromtofeet
WELL TO SUPPLY: (check one) Home	GROUTING: Method
FarmTown_XSchool	Material Depth feet
IndustryOther	PUMP: Type
WATER ANALYSIS AVAILABLE Yes No	Capacitygal. per min
DRILL CUTTINGS SAVED: Yes_X_No (DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT I OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISH	
MARKS: No water past 85 ¹ . State asked for 10	0° of casing
1 · · · · · · · · · · · · · · · · · · ·	(LOG OF WELL) OVER

WWCR - 602

FURNISHED BY: Harry W. Lawson DATE: August 1967

DEPTH (feet)		TYPE OF ROCK OR SOIL PENET	REMARKS			
FROM	то	(gravel, clay, etc., hardness, color	(water, caving, shot, screen, sample, etc.) 10 gpm 20-85 ¹ broken at 155 feet			
0 20 85 260	20 85 260 550	Gravel Broken greenstone Greenstone Bluestone				
550	560	Greenstone		Round Hill reservoir		
560	600	Bluestone		GIVE DIRECTION AND DISTANCE IN FREET OR		
	67	DATE COMPLETED August 1		DATE STARTED AUGULE 1967		
foot		TOTAL OFPTH		TYPE OF BRILL RIG USED: ALL R		
		80 5 10 10 10		WATER DEVEL Stands 10		
0	0.0	HOLE SIZE 6, John 0		A RULAN SHIT		
191942 <u>- 1</u>	<u> </u>	MULE SIZE		YIELD TEST Mathed AIT		
		mGil <u>z-doni</u>		0c6wd own		
1991		inches from		8 d16 10 qal per a		
in diana		acres visit in		00 = 11 fl0 = it ditud		
(oo)	oTS	nches from		WATER ZONES: from 20		
19.91	<u>a</u> 1	inches fran				
(əə)		GASE SIZEInches from		fr.om ro		
19 s)	0.4			WATER: Color		
1998						
		Lotrat (000) 1 (000)		WELL TO SUPPLY! (check and) Hage 1		
		(a)		Foods2 X nwoT mod		
				industry		
767 199	100	411304w2		WATER AWALYSIS AVAILABLE		
(ssl		eenda ^a a digada		DRILL GUTTINGS SAMED.		
C INT	shiele D. To			CORILL CUTTINGS SHOULD BE COLLECTED		
		of casing	of rol bailse	OLARKS No WALST DALE 351. SEELS		
	· · · · · · · · · · · · · · · · · · ·	Use additional form	s if necessary)		

INTERVAL SHEET

Parl of 1

Date rec'd: 10/4/67

PROP: Town of Round Hill, Well #3

COMP: H. W. Lawson

COUNTY: Loudoun (Round Hill)

VDMR Well No: 2009

Sample Interval: from 10¹ to: 600¹

Number of samples: 57

Total Depth: 600"

Oil or Gas: Water: X Exploratory:

Fro	om-1	Го	Fro	m-'	То	From-To	From-To
10	-		*310	-		_	20.0
20	-		320	-		-	
3				_		-	-
40	-		*340	_		-	_
50	-		350	-		-	
50			000				
60	-		*360	-		-	_
70	-			-		-	_
80	-		*380	-		_	
90	-		390	-		. –	
100	-		400	-		-	<u>-</u>
100			100				
110	-		*410	_		-	
120	-		420	-		-	<u>.</u>
130	-		430	-		-	-
140	-		*440	-		-	_
150	-		*450	-			
150			150				
160	-		460	-		- 1	-
170	-		470	-		-	
180	-		480	-		-	-
190	-		490	-		-	-
200	-		500	-		-	-
200							
210	-		510	_		-	
220	-		*520	-			- 18 - 14
230	-		530	_		-	<u>-</u> 122
240	-		540	-		-	-
250	-		550	-			-
200							
260	-		560	-		_	-
270	-		570	-		-	-
280	-			-		_	-
*290	-		590	_		-	
300	-		600	-			-
500			000				

* Unwashed samples only