OWNER: Lick Creek Water System (Well #2)

DRILLER: Yeary Drilling Company

COUNTY: Russell (St. Paul)

VDMR: 2052 WWCR: 28 TOTAL DEPTH: 175<sup>t</sup>

## GEOLOGIC LOG

Depth in feet	
0-35	No sample
35-45	Subgraywacke - light-gray, very-fine-grain, poorly sorted, angular, micaceous, slightly carbonaceous
45-55	tt i i i i i i i i i i i i i i i i i i
55-65	Siltstone - medium-gray, micaceous, carbonaceous
65-75	11
75-85	11
85-95	ri .
95-100	Subgraywacke - light-gray, very-fine-grained, poorly sorted, angular, micaceous, slightly carbonaceous; some siltstone
100-110	with some coal
110-120	11
120-130	11
130-140	Siltstone - medium-gray, micaceous, carbonaceous; some subgraywacke
140-150	It
150-160	11 less subgraywacke
160-170	n <u>p</u>
170-175	No sample

### GEOLOGIC SUMMARY

Rock Unit

 $_{
m Age}$ 

Lee Formation

Pennsylvanian

Virginia Division of Mineral Resources W. W. Winters, Geologist December 15, 1967

# VDMR - 2052

# COMMONWEALTH OF VIRGINIA WWCR - 28

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

# DIVISION OF MINERAL RESOURCES OFFICE ADDRESS:

JAMES L. CALVER, COMMISSIONER

McCormick Road

3667

rlottesville, VA 22903 WATER WELL COMPLETION REPORT Charlottesville, Virginia

SYSTAM STATE OF THE STATE OF TH	OWN ELTION INC. ON	1	3.
	noled assembled to be sold to the sold to be	or ]	моян
TENANT: Well #2 brad muibaM	Mailing Address:	ρ	6
DRILLER: Yeary Drilling Company	Mailing Address Coeburn, Virginia	48	6
	Approx. b. 1 miles northeast	(direct	tion) o
rag St. Paul, Va.s gniob How and 1/4	miles north (direction) of Da		
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TO COUNTY HIGHWAY OR OTHER MAP.)		VERS, ETC	
DATE STARTED: August 10, 1967	DATE COMPLETED August 25, 1	967	
~ 1 *	HT930ATOTCray black shale medium soft	175	feet
woled teefcontacting: Jay/al vallew well woled teefcontacting: Jay/al vallew		140	133
bags cernent. Total amount  10 woll LARUTAN ntanded 27 bags			
YIELD TEST: Method Pumping Sub Pump	HOLE SIZE: 10 mches from 0		felet
Drawdown 39 feet	5 5/8 inches from 50	to <u>175</u>	feet
Rate $21-18$ gal. per min.	inches from	to	feet
Durationhrs.,min.	SCREEN SIZE:inches from	to	feet
WATER ZONES: from 33760-Gals tofeet	inches from	to	feet
from 37 to 48 feet	inches from	to	feet
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	CASE SIZE: 5 5/8 inches from 0	to <u>55</u>	feet
WATER: Color clear Toste	inches from	t o	feet
Odor <u>yes</u> Temp°F	inches from	to	feet
WELL TO SUPPLY: (check one) Home  Farm Town School	GROUTING: Method Hand Poured  27 bags Material cement Depth		feet
IndustryXOther	PUMP: Type Submersible		
WATER ANALYSIS AVAILABLE: Yes X No	Capacity22	gal. p	er min
DRILL CUTTINGS SAVED: Yes X No	Depth of intake 165	/1	feet
(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISH		HPPED TO	THIS
IL TARKS.			
		(1)	

VDMR - 2052 COMMONWEALTHOOLF VIRGINIA WWCR - 28

FURNISHED BY: Yeary Drilling Company DATE:

VIOPATE: VIO

	or lottes HTC	TYPE OF ROCK OR SOIL PENETS	RATED	REMARKS				
(fe ROM	TO	(gravel, clay, etc., hardness, color,	(water, caving, shot, screen, sample, etc.)					
0	9	Yellow sandstone medium hard	The same of the sa	Medium hard State Town				
9	48	Gray sandstone very hard	Very hard					
48	54	Yellow sandstone medium hard		Small amount of water at 37 <sup>t</sup>				
54	95	Gray shale medium hard		Brought in more water at about				
95	1125 ns(	Gray sandstone medium hard	_ and _ 1/4_	Well doing about 5 gallons per				
125	133	Gray sandstone medium hard		minute Grouted well Saturday, August 19				
	1967	and very abrasive		1967. Used 20 bags cement,				
reet	175	HT930 JATOT		need about 8-10 more to finish job.				
133	140	Gray black shale medium soft		55 <sup>t</sup> 5 5/8 in well casing in well				
140	145	Gray sandstone soft soft soft soft soft soft soft soft		Finished grouting 8/29/67 with 7 bags cement. Total amount				
		gallons per minute.		cement used 27 bags				
145	175	Gray black shale soft	qnn	IELB TEST Method Furnping Sub P				
1901	0_10_17	5 5/8 mones from 5		1 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
teel	of	mont restori		Rate 21-18 gas per m				
1997	01	SCREEN SIZEnotes from		mnerdnormand				
	o1	motas itom		ATER ZONES trom 23760-Calaro				
1981	01	norhes from	160t8 <u>4</u>	110000000000000000000000000000000000000				
	<u>80</u>	CASE S12 E 5 5 / 8 _ m ches 'tom	30 1901	125 from 140				
	c+	frohes from		ATER: Colorclear				
lest	01		₹°	Odor yes Temp				
		GROUTING Well a Hand Pour		ELL TO SUPPLY! (check one) Home _				
1991	1131E H	27 bags   Moterial   Cement   Dep		FormSchool				
		PUMP Type Submersible		rsdf0 X ystaubni				
	100	Capacity22	ои	ATER ANALYSIS AVAILABLETYes X				
reet		Depth of intere165	2 M	NIL CUTTINGS SAVEN: Yes X				
		MIERVALS, THESE SAMPLES MAY RE	TO FOOT I	REL CUTTINGS SHOULD BE COLLECTED FERCE EXPRESS COLLECT SAMPLE BACE				
				WAKS				

#### INTERVAL SHEET

Para 1 of ]

VDMR Well No: 2052

Date rec'd: 11/28/67

Sample Interval: from 351 to: 1701

PROP: Lick Creek Water System #2

Number of samples: 14

COMP: Yeary Drilling Co.

Total Depth: 175

COUNTY: Russell (St. Paul)

Oil or Gas: WaterX Exploratory:

From-To			From-To Fr			Fron	n-To		From-To		
					2						
		-			-			-		-	
	35	-	45		-			-		, <del>-</del>	
	45	-	55		_			-		-	
	55	00	65		-			-		-	
	65	-	75		-			-		-	
	75	-	85		-			-		-	
	85	-	95		-			-		-	
	95	-	100		-			-		-	
	100	***	110		-			-		-	
	110	-	120		-			-		-	
	120	-	130		-			-		-	
	130	-	140		_			_		· .	
	140	-	150		_			-		-	
	150	-	160		_			-			
	160	-	170		_			-			
	100		110								
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All intervals have both washed and unwashed samples.