

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B 3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

Charlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

P. O. Box 301

OWNER: Fauquier County Public Schools

Mailing Address: Warrenton, VA 22186

TENANT: G. W. Coleman El. Sch., Well #1

Mailing Address: Marshall, Va.

DRILLER: Valley Drilling Corp. (H. L. Singhas)

Mailing Address: Middleburg, Virginia 22117

WELL LOCATION: County Fauquier

Approx. 400 feet ~~miles~~ west (direction) of

State Road 709 and 1/4 ~~feet~~ miles north (direction) of St. Rt. 55

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

DATE STARTED: Aug. 19, 1968

DATE COMPLETED: Aug. 26, 1968

TYPE OF DRILL RIG USED: air rotary

TOTAL DEPTH 537 feet

WATER LEVEL: Stands \_\_\_\_\_ feet below surface OR

has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method air-lift

Drawdown \_\_\_\_\_ feet

\* Rate 3 gal. per min.

Duration \_\_\_\_\_ hrs., \_\_\_\_\_ min.

HOLE SIZE: 14 inches from 0 to 11 feet

6 inches from 11 to 537 feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

SCREEN SIZE: None inches from \_\_\_\_\_ to \_\_\_\_\_ feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER ZONES: from 200 to 210 feet

from \_\_\_\_\_ to \_\_\_\_\_ feet

from \_\_\_\_\_ to \_\_\_\_\_ feet

CASE SIZE: \* \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER: Color Clear Taste Good

Odor None Temp. 56 °F

WELL TO SUPPLY: (check one) Home \_\_\_\_\_

Farm \_\_\_\_\_ Town \_\_\_\_\_ School

Industry \_\_\_\_\_ Other \_\_\_\_\_

GROUTING: \* Method \_\_\_\_\_

Material \_\_\_\_\_ Depth \_\_\_\_\_ feet

PUMP: Type \_\_\_\_\_

Capacity \_\_\_\_\_ gal. per min

Depth of intake \_\_\_\_\_ 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: \* Insufficient supply; casing pulled and hole filled in.

LOG  
Valley Drilling Corp.

FURNISHED BY: H. L. Singhas, Pres

DATE: November 4, 1968

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	11	Topsoil - clay	
11	210	Greenish-blue rock	
210	220	Dark rock	Encountered small crevices, yield 3 gals. per min.
220	537	Greenish-blue rock	

INTERVAL SHEET

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C #140

VDMR Well No: 2345

Date rec'd: 12/13/68

Sample Interval: from 10 to: 537'

PROP: W. G. Coleman Elem. Sch.  
(Well #1)

Number of samples: 53

COMP: Valley Drilling Corp.

Total Depth: 537'

COUNTY: Fauquier (Marshall)

Oil or Gas: Water: ~~X~~Exploratory:

From-To	From-To	From-To	From-To
-	300- 310	-	-
10 - 20	310- 320	-	-
20 - 30	320- 330	-	-
30 - 40	330- 340	-	-
40 - 50	340- 350	-	-
50 - 60	350- 360	-	-
60 - 70	360- 370	-	-
70 - 80	370- 380	-	-
80 - 90	380- 390	-	-
90 - 100	390- 400	-	-
100 - 110	400- 410	-	-
110 - 120	410- 420	-	-
120 - 130	420- 430	-	-
130 - 140	430- 440	-	-
140 - 150	440- 450	-	-
150 - 160	450- 460	-	-
160 - 170	460- 470	-	-
170 - 180	470- 480	-	-
180 - 190	480- 490	-	-
190 - 200	490- 500	-	-
200 - 210	500- 510	-	-
210 - 220	510- 520	-	-
220 - 230	520- 530	-	-
230 - 240	530- 537	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Fauquier County Public Schools  
G. W. Coleman El. Sch., Well #1  
DRILLER: Valley Drilling Corporation  
COUNTY: Fauquier (Marshall)

W #2345  
C #140  
TOTAL DEPTH: 537'

GEOLOGIC LOG

Depth  
in feet

0-10	No sample
10-20	Granite gneiss — gray, fine to medium grained, crystalline, granular, sheared and foliated; feldspar and quartz, with minor amount of biotite and traces of garnet, magnetite, and epidote
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	"

OWNER: Fauquier Co. Public Schools  
G. W. Coleman El. Sch., Well #1

W #2345

170-180	Granite gneiss — gray, fine to medium grained, crystalline, granular, sheared and foliated; feldspar and quartz, with minor amount of biotite and traces of garnet, magnetite, and epidote
180-190	"
190-200	"
200-210	" about 20% of the fragments are dark gray because of a large increase in amount of biotite plus a minor amount of amphiboles
210-220	"
220-230	"
230-240	"
240-250	"
250-260	"
260-270	"
270-280	"
280-290	"
290-300	"
300-310	"
310-320	"
320-330	"
330-340	"
340-350	"
350-360	"
360-370	"

OWNER: Fauquier County Public Schools  
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W #2345

370-380	Granite gneiss — gray, fine to medium grained, crystalline, granular, sheared and foliated; feldspar and quartz, with minor amount of biotite and traces of garnet, magnetite, and epidote
380-390	"
390-400	"
400-410	"
410-420	"
420-430	"
430-440	"
440-450	"
450-460	"
460-470	"
470-480	"
480-490	"
490-500	"
500-510	"
510-520	"
520-530	"
530-537	"

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-10'	No sample	—
10-537'	Marshall Formation	Precambrian

Virginia Division of Mineral Resources  
Robert G. Willson, Geologist  
December 20, 1968