

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W #2346
C #141

MAILING ADDRESS:
B 3667
Charlottesville, VA 22903

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

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

OWNER: Fauquier County Public Schools Mailing Address: P. O. Box 301 Warrenton, VA 22186

TENANT: G. W. Coleman El. Sch., Well #2 Mailing Address: Marshall, Va. Valley Drilling Corp.

DRILLER: H. L. Singhas, Pres. Mailing Address: Middleburg, VA 22117

WELL LOCATION: County Fauquier Approx. 400 feet ~~miles~~ west (direction) of State Road 709 and 400 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. 26, 1968 DATE COMPLETED: Sept. 10, 1968

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 440 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 25 feet 6 inches from 25 to 440 feet _____ inches from _____ to _____ feet

WATER ZONES: from 14 to 16 feet from 210 to 220 feet from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet None _____ inches from _____ to _____ feet _____ inches from _____ to _____ feet

WATER: Color Clear Taste Good Odor None Temp. 56 °F

CASE SIZE: * _____ inches from _____ to _____ feet _____ inches from _____ to _____ feet _____ inches from _____ to _____ feet

WELL TO SUPPLY: (check one) Home _____ Farm _____ Town _____ School Industry _____ Other _____

GROUTING: * Method None Material _____ Depth _____ feet

WATER ANALYSIS AVAILABLE: Yes _____ No

PUMP: Type None Capacity _____ gal. per min. Depth of intake _____ feet

DRILL CUTTINGS SAVED: Yes 41 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

FURNISHED BY: Valley Drilling Corp. (H. L. Singhas, Pres.) DATE: Nov. 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	25	Topsoil and clay	Surface water 2 1/2 gals. per min. encountered at approx. 15' cased off
25	220	Greenish-blue rock: change of cuttings to blue at depth of 220 feet.	Crevice encountered at approx. 215 feet; produced 3 gals. per min.
220	440	Greenish-blue rock	

INTERVAL SHEET

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C #141
VDMR Well No: 2346

Date rec'd: 12/17/68

Sample Interval: from 30 to: 440'

PROP: Fauquier Co. Public Schools
G. W. Coleman El. Sch., Well #2

Number of samples: 41

COMP: Valley Drilling Corporation

Total Depth: 440'

COUNTY: Fauquier (Marshall)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
-	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	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-
300 - 310	-	-	-
310 - 320	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Fauquier County Public Schools
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DRILLER: Valley Drilling Corporation
COUNTY: Fauquier (Marshall)

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TOTAL DEPTH: 440'

GEOLOGIC LOG

Depth
in feet

0-30	No samples
30-40	Granite gneiss — light gray, fine to medium grained, crystalline, granular, foliated and sheared; feldspar and quartz, with minor amount of biotite and traces of garnet and magnetite
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	"
170-180	"
180-190	"
190-200	"

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200-210	Granite gneiss — light gray, fine to medium grained, crystalline, granular, foliated and sheared; feldspar and quartz, with minor amount of biotite and traces of garnet and magnetite
210-220	" trace of biotite
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	"
370-380	"
380-390	"
390-400	"
400-410	"

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410-420	Granite gneiss — light gray, fine to medium grained, crystalline, granular, foliated and sheared; feldspar and quartz, with minor amount of biotite and traces of garnet and magnetite
420-430	"
430-440	"

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-30'	No samples	—
30-440'	Marshall Formation	Precambrian

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