

OWNER: J. S. Walker, Inc.  
(Southland Acres Subdivision)  
DRILLER: Falwell Well Corporation  
COUNTY: Campbell (Lynchburg)

VDMR: 1951  
WWCR: 312  
TOTAL DEPTH: 300'

GEOLOGIC LOG

Depth in feet

SAPROLITE (0-20')

0-10 Sapolite - brown, rounded to angular, very weathered and oxidized phyllite fragments; sand- and silt-size fragments of quartz and sericite

10-20 "

CANDLER FORMATION (20-90')

20-30 Phyllite - dark-gray, subrounded to angular fragments, microcrystalline, foliated; sericite, quartz, chlorite, and traces of pyrite

30-40 "

40-50 "

50-60 "

60-70 "

70-80 Schist - gray, fine-grained, crystalline to microcrystalline, foliated; muscovite, quartz, phlogopite, and sericite

80-90 Phyllite - dark-gray, subrounded to angular fragments, microcrystalline, foliated; sericite, quartz and chlorite

LYNCHBURG FORMATION (90-300')

90-100 Amphibolite - dark greenish-gray, medium- to fine-grained; 60% amphiboles and quartz, 40% gray quartz-phlogopite-sericite schist

100-110 Schist - gray, fine-grained, foliated, gneissic; quartz, phlogopite, minor sericite and traces of garnet and pyrite

110-120 " dark-gray; a large amount of amphiboles, some biotite

120-130 " "

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130-140	Schist - gray, fine-grained, foliated, gneissic; quartz, phlogopite, minor sericite and traces of garnet and pyrite; a few fragments of green amphibolite
140-150	Schist - gray, fine-grained, foliated, gneissic; quartz, phlogopite, minor sericite and traces of garnet and pyrite
150-160	"
160-170	"
170-180	"
180-190	"
190-200	"
200-210	" a few fragments of green amphibolite
210-220	" "
220-230	" "
230-240	Schist - gray, fine-grained, foliated, gneissic; quartz, phlogopite, sericite, chlorite, amphiboles and trace of pyrite
240-250	"
250-260	Amphibolite - dark gray-green, fine-grained, foliated; amphiboles, quartz and chlorite; some amphibole-phlogopite-chlorite-schist; trace of pyrite
260-270	Schist - dark gray-green, fine-grained, foliated; amphiboles, phlogopite, quartz, sericite, chlorite, trace pyrite; many fragments of amphibolite
270-280	"
280-290	"
290-300	"

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GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-20'	Saprolite	
20-90'	Candler Formation	Cambrian (?)
90-300'	Lynchburg Formation	Precambrian

Virginia Division of Mineral Resources  
Robert G. Willson, Geologist  
November 24, 1967

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

Charlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

OWNER: John Stewart Walker, Inc. Mailing Address: 215 - 9th St. Lynchburg, Va.

TENANT: Southland Acres Subdivision Mailing Address:

DRILLER: Falwell Well Corporation Mailing Address: P.O. Box 937, Lynchburg, Va.

WELL LOCATION: County Campbell Lynchburg and Approx. 3 ~~feet~~ miles south (direction) of Lynchburg and feet miles (direction) of on U.S. Hwy. 29

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

DATE STARTED: 6/20/67 DATE COMPLETED: 6/23/67

TYPE OF DRILL RIG USED: Air Rotary TOTAL DEPTH 300 feet

WATER LEVEL: Stands 50 feet below surface OR has NATURAL flow of gallons per minute.

YIELD TEST: Method Air Test

Drawdown 250 feet

Rate 20 gal. per min.

Duration 3 hrs., 0 min.

WATER ZONES: from 180 to 300 feet

from to feet

from to feet

WATER: Color Clear Taste Good

Odor None Temp. °F

WELL TO SUPPLY: (check one) Home

Farm Town School

Industry Other Subdivision

WATER ANALYSIS AVAILABLE: Yes No X

DRILL CUTTINGS SAVED: Yes X 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.)

HOLE SIZE: 10 inches from 0 to 50 feet

6 inches from 50 to 300 feet

inches from to feet

SCREEN SIZE: inches from to feet

inches from to feet

inches from to feet

CASE SIZE: 6 (Standard) inches from 0 to 50 feet

inches from to feet

inches from to feet

GROUTING: Method Poured

Material cement & water Depth 50 feet

PUMP: Type 3 HP Goulds

Capacity 18 gal. per min

Depth of intake 250 feet

REMARKS:

INTERVAL SHEET

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VDMR Well No: 1951

Date rec'd: 8/31/67

Sample Interval: from 0 to: 300'

PROP: J. S. Walker, Inc. (Southland Acres)

Number of samples: 30

COMP: Falwell Well Corp.

Total Depth: 300'

COUNTY: Campbell (Lynchburg)

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

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 20	-	-	-
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	-	-	-
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	-	-	-

All intervals have both washed and unwashed samples.