

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

Box 3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

Charlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

OWNER: Ferrum Veneer Corporation, Well #2 Mailing Address: Ferrum, Virginia 24088

TENANT: Mailing Address: 5163 Starkey Rd., S.W.

DRILLER: Frank W. Martin Drilling Co., Inc. Mailing Address: Roanoke, Virginia 24014

WELL LOCATION: County Franklin Approx. feet miles (direction) of town of Ferrum and feet miles (direction) of

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

DATE STARTED: 8/12/68 DATE COMPLETED: 8/23/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 365 feet

WATER LEVEL: Stands 100 feet below surface OR

has NATURAL flow of gallons per minute.

YIELD TEST: Method air

Drawdown feet

Rate 3 gal. per min.

Duration hrs., min.

WATER ZONES: from 265 to 270 feet

from to 350 feet

from to feet

WATER: Color Clear Taste

Odor None Temp. °F

WELL TO SUPPLY: (check one) Home

Farm Town School

Industry X Other

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.)

REMARKS: Hole Abandoned

HOLE SIZE: 10 inches from 0 to 50 feet

6 inches from 50 to 365 feet

inches from to feet

SCREEN SIZE: inches from to feet

inches from to feet

inches from to feet

CASE SIZE: 6 1/4 inches from 0 to 50 feet

inches from to feet

inches from to feet

GROUTING: Method Abandoned

Material Depth feet

PUMP: Type

Capacity gal. per min

Depth of intake feet

FURNISHED BY: Frank W. Martin Drilling Co., Inc. DATE: October 8, 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	49	Dirt	
49	365	Granite	

INTERVAL SHEET

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WWCR: 113
VDMR Well No: 2318

Date rec'd: 11/18/68

Sample Interval: from 0 to: 360'

PROP: Ferrum Veneer Corp., Well #2

Number of samples: 36

COMP: F. W. Martin Well Drilling Co.

Total Depth: 365'

COUNTY: Franklin (Ferrum)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 10	300 - 310	-	-
10 - 20	310 - 320	-	-
20 - 30	320 - 330	-	-
30 - 40	330 - 340	-	-
40 - 50	340 - 350	-	-
50 - 60	350 - 360	-	-
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.

OWNER: Ferrum Veneer Co., Well #2
DRILLER: Frank W. Martin Drilling Co., Inc.
COUNTY: Franklin (Ferrum)

VDMR: 2318
WWCR: 113
TOTAL DEPTH: 365'

GEOLOGIC LOG

Depth
in feet

0-10	Saprolite — red-brown, weathered and iron-oxide stained, pebbly sandy loam; angular grains; quartz, clay and mica; trace of feldspar (?); vein quartz
10-20	"
20-30	"
30-40	"
40-50	"
50-60	Biotite gneiss — gray, fine-grained, foliated, micaceous; quartz, feldspar and biotite with traces of muscovite, chlorite, and amphiboles
60-70	"
70-80	"
80-90	"
90-100	"
100-110	Amphibole-biotite gneiss — gray, fine-grained, foliated, very micaceous, schistose; quartz, feldspar, biotite, amphibole, muscovite; minor amounts of muscovite gneiss
110-120	" 40 percent of sample comprised of vein quartz
120-130	"
130-140	" with fragments of vein quartz
140-150	" "
150-160	" "

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- 160-170 Amphibole-biotite gneiss — gray, fine-grained, foliated, very micaceous, schistose; quartz, feldspar, biotite, amphibole, muscovite; minor amounts of muscovite gneiss; with fragments of vein quartz
- 170-180 "
- 180-190 "
- 190-200 "
- 200-210 Amphibole-biotite gneiss — gray, fine-grained, foliated, very micaceous, schistose; quartz, feldspar, biotite, amphibole, muscovite; minor amounts of muscovite gneiss
- 210-220 "
- 220-230 Biotite gneiss — gray, fine-grained, foliated; very micaceous, schistose; quartz, feldspar and biotite; minor amounts of muscovite and vein quartz
- 230-240 Biotite-amphibole gneiss — gray, fine-grained, foliated; very micaceous, schistose; quartz, feldspar, biotite and amphiboles; minor amount of muscovite
- 240-250 "
- 250-260 "
- 260-270 Biotite gneiss — gray, fine-grained, foliated; very micaceous, schistose; quartz, feldspar and biotite; minor amount of muscovite and trace of amphibole
- 270-280 "
- 280-290 "
- 290-300 "
- 300-310 Amphibole-mica gneiss — greenish-gray, fine-grained, foliated; very micaceous, schistose; quartz, feldspar, amphiboles, biotite and muscovite

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#2318

310-320	Amphibole-mica gneiss — greenish-gray, fine-grained, foliated; very micaceous, schistose; quartz, feldspar, amphiboles, biotite and muscovite
320-330	" with fragments of vein quartz
330-340	"
340-350	" with fragments of vein quartz
350-360	" "
360-365	No sample

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-50'	Saprolite	—
50-360'	Lynchburg Formation	Precambrian
360-365'	No sample	—

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
November 22, 1968