

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2434
C-189

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B-3667
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Al Stroobants Mailing Address: P. O. Box 2473, Lynchburg, Va.

TENANT: _____ Mailing Address: _____

DRILLER: Moore Well Drilling, Inc. Mailing Address: Rustburg, Virginia

WELL LOCATION: County Bedford Approx. 6 1/4 ~~feet~~ ^{miles} east (direction) of
Otter Hill and 900 ~~miles~~ ^{feet} east (direction) of St. Rd. 709

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

DATE STARTED: 10/20/68 DATE COMPLETED: 10/22/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 322 feet

WATER LEVEL: Stands *70 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method air lift

Drawdown _____ feet

Rate 1/4 gal. per min.

Duration _____ hrs., _____ min.

WATER ZONES: from 70 to _____ feet

from _____ to _____ feet

from _____ to _____ feet

WATER: Color _____ Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home X

Farm _____ Town _____ School _____

Industry _____ Other _____

WATER ANALYSIS AVAILABLE: Yes _____ No X

DRILL CUTTINGS SAVED: Yes 14 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: SWL 54' after dynamiting hole.

HOLE SIZE: 9 inches from 0 to 31 feet

6 inches from 31 to 322 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 31 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

GROUTING: Method _____

Material _____ Depth _____ feet

PUMP: Type _____

Capacity _____ gal. per min

Depth of intake _____ feet

VIRGINIA DIVISION OF MINERAL RESOURCES
 Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

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 Date rec'd: 2/3/69
 PROPERTY: Al Stroobants
 COMPANY: Moore Well Drilling, Inc.
 COUNTY: Bedford (Otter Hill)

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 Well Repository No: W-2434
 Sample Interval: from 0 to: 322'
 Number of samples: 14
 Total Depth: 322'
 Oil or Gas: Water ~~X~~ Exploratory:

From-To	From-To	From-To	From-To
0 - 31	-	-	-
31 - 55	-	-	-
-	-	-	-
85 - 110	-	-	-
110 - 135	-	-	-
135 - 147	-	-	-
147 - 165	-	-	-
165 - 200	-	-	-
200 - 205	-	-	-
205 - 210	-	-	-
210 - 225	-	-	-
-	-	-	-
247 - 272	-	-	-
272 - 285	-	-	-
285 - 310	-	-	-
310 - 322	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Unwashed samples only; not enough to split.

OWNER: Al Stroobants
DRILLER: Moore Well Drilling, Inc.
COUNTY: Bedford (Otter Hill)

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TOTAL DEPTH - 322'

GEOLOGIC LOG

Depth
in feet

0-31	Saprolite — tan, weathered and iron-oxide stained, fine grained quartz, mica, feldspar, amphiboles and clay
31-55	Gneiss — gray, fine grained; foliated, micaceous, sheared; feldspar, quartz and biotite, with traces of muscovite and amphibole
55-85	No sample
85-110	Biotite gneiss — gray, fine grained; foliated, micaceous, sheared; feldspar, quartz and biotite, with trace of amphibole
110-135	" dark gray; trace of pyrite
135-147	Amphibole gneiss — light gray, fine grained; foliated, slightly sheared (?); feldspar, quartz and amphibole, with traces of biotite and pink garnet
147-165	" increase in amount of biotite
165-200	" "
200-205	Amphibole-chlorite gneiss — greenish-gray, fine grained; foliated, sheared (?); feldspar, quartz, amphiboles and chlorite, with traces of pyrite and calcite
205-210	Amphibole gneiss — gray, fine grained; foliated, sheared (?), slightly calcareous; feldspar, quartz and amphibole, with traces of pyrite, calcite and chlorite (?); minor amount of vein calcite
210-225	" with minor amount of biotite; no vein calcite
225-247	No sample

OWNER: Al Stroobants

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- 247-272 Mica gneiss — dark gray, fine grained; foliated, very micaceous, sheared; feldspar, quartz, biotite, chlorite, muscovite and trace of garnet
- 272-285 Biotite gneiss — gray, fine grained; foliated, micaceous; feldspar, quartz, biotite and minor amount of muscovite
- 285-310 Amphibole-biotite gneiss — gray, fine grained, foliated; feldspar, quartz, amphibole and biotite
- 310-322 " decrease in amount of biotite

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-31 ¹	Saprolite	—
31-322 ¹	Lynchburg Formation	Precambrian

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
February 4, 1969