

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W - 3656
C - 267

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B 3667
C Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: E. H. Goode Mailing Address: Collinsville, Va.

TENANT: Whitby Acres #3 Mailing Address: _____

DRILLER: Aquamasters, Inc. Mailing Address: Rustburg, Va.

WELL LOCATION: County Henry Approx. 4 1/2 ~~xxx~~ miles west (direction) of
St. Rd. 682 and 1/4 ~~xxx~~ miles off Rd. 682 (direction) of south of the river

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

DATE STARTED: 10-12-72 DATE COMPLETED: 10-20-72

TYPE OF DRILL RIG USED: Air Rotary TOTAL DEPTH 347 feet

WATER LEVEL: Stands 9 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Air

Drawdown _____ feet

Rate 17 gal. per min.

Duration _____ hrs., _____ min.

HOLE SIZE: 8 inches from 0 to 51 feet

6 inches from 51 to 347 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

WATER ZONES: from _____ to _____ feet

from _____ to _____ feet

from _____ to _____ feet

CASE SIZE: 6 inches from 0 to 50 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

WATER: Color _____ Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School _____

Industry _____ Other subdivision

GROUTING: Method _____

Material _____ Depth 51 feet

WATER ANALYSIS AVAILABLE: Yes _____ No _____

Capacity _____ gal per min

DRILL CUTTINGS SAVED: Yes 35 No _____

Depth of intake _____ feet

(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: _____

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

INTERVAL SHEET

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C - 267
 Well Repository No: 3656

Date rec'd: 12-4-72 Date Processed: 1-8-73

Sample Interval: from 0 to 347'

PROPERTY: E. H. Goode
 (Whitby Acres #3)

Number of samples: 35

COMPANY: Aquamasters, Inc.

Total Depth: 347'

COUNTY: Henry (Bassett)

Oil or Gas: Water:x Exploratory:

From-To	From-To	From-To	From-To
0 - 10	250 - 260	-	-
10 - 20	260 - 270	-	-
20 - 30	270 - 280	-	-
30 - 40	280 - 290	-	-
40 - 50	290 - 300	-	-
50 - 60	300 - 310	-	-
60 - 70	310 - 320	-	-
70 - 80	320 - 330	-	-
80 - 90	330 - 340	-	-
90 - 100	340 - 347	-	-
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	-	-	-

All intervals have both washed and unwashed samples

OWNER: E. H. Goode (Whitby Acres #3)
DRILLER: Aquamasters, Inc.
COUNTY: Henry (Bassett)

W #3656
C # 267
TD: 347'

GEOLOGIC LOG

Depth
(in feet)

0-40	Sandy soil — brown; very fine grained with angular quartz grains from $\frac{1}{4}$ to 5 mm in diameter, and hornblende grains about $\frac{1}{2}$ mm across; trace of fine muscovite flakes
40-50	Quartz-hornblende gneiss — gray; composed mainly of quartz, hornblende, and feldspar grains; some epidote and muscovite flakes; a few rock fragments of fine granular quartz and muscovite intergrown
50-60	Quartz-hornblende gneiss — gray, medium-grained rock fragments composed of quartz, hornblende, and feldspar with some biotite, muscovite, and epidote
60-70	" calcareous
70-80	" " with pyrite
80-100	" "
100-160	Calcareous quartz-biotite gneiss — gray, medium-grained rock composed mainly of quartz, biotite and feldspar with some calcite
160-170	" with pyrite
170-190	"
190-210	" fine grained
210-220	Calcareous quartz-biotite gneiss — gray, medium-grained rock composed mainly of quartz, biotite and feldspar with some calcite and epidote
220-230	" with some garnets
230-250	"
250-260	" with some pyrite

260-270	Calcareous quartz-amphibole gneiss — gray, medium-grained rock composed mainly of quartz, amphibole, epidote and garnet, with some calcite, biotite and minor amount of pyrite
270-300	Calcareous quartz-biotite gneiss — gray, medium grained rock composed mainly of quartz, biotite and feldspar with some calcite, epidote, and garnet
300-310	" with minor amounts of garnet and pyrite
310-320	" with minor amount of garnet
320-330	" "
330-340	Calcareous quartz-biotite gneiss — gray, medium grained rock composed mainly of quartz, biotite, and feldspar with some calcite and epidote
340-347	" with minor pyrite

GEOLOGIC SUMMARY

<u>Thickness (feet)</u>	<u>Rock Unit</u>	<u>Age</u>
0- 40	Sandy soil	—
40-100	Quartz-hornblende gneiss	Precambrian
100-260	Quartz-biotite gneiss	"
260-270	Quartz-amphibole gneiss	"
270-347	Quartz-biotite gneiss	"