

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W#: 5341
C#: 226

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

F & M Center

OWNER: Morton G. Thalhimer Inc. #2 Mailing Address: 12th & Main St., Richmond, VA 23277

TENANT: _____ Mailing Address: _____

2111 Magnolia Street

DRILLER: Sydnor Hydrodynamics Inc. Mailing Address: Richmond, VA 23223

WELL LOCATION: County Henrico Approx. 2/10 ~~xxxx~~ mile north (direction) of _____

Dickens Road and 1/10 ~~feet~~ miles east (direction) of Route 250

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

DATE STARTED: 6-9-78 DATE COMPLETED: 6-20-78

TYPE OF DRILL RIG USED: Air rotary TOTAL DEPTH 357 feet

WATER LEVEL: Stands 10 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Pump

Drawdown 185 feet

Rate 30 gal. per min.

Duration 3 hrs., _____ min.

HOLE SIZE: 11 inches from 0 to 67 feet

6 inches from 67 to 357 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

WATER ZONES: from 86 to _____ feet

from 204 to _____ feet

from 223 to _____ feet

from 262 to _____ feet

CASE SIZE: 6 inches from +2' to 67 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 X Other _____

GROUTING: Method _____

Material _____ Depth 67 feet

PUMP: Type _____

Capacity _____ gal per min

Depth of intake _____ feet

WATER ANALYSIS AVAILABLE: Yes _____ No X

DRILL CUTTINGS SAVED: 36 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: _____

LOG

FURNISHED BY: _____ DATE: _____

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	66	Brown sandy clay	
66	328	Red granite	
328	330	Soft gray rock	
330	348	Red granite	
348	350	Soft gray rock	
350	357	Red granite	
		TOTAL DEPTH	

(Use additional forms if necessary)

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Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

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Well Repository No: W#: 5341
C#: 226

Date rec'd: 8/28/78 Date Processed: 11/8/78

Sample Interval: from:0 to:357'

PROPERTY: M. G. Thalhimer #2

Number of samples: 36

COMPANY: Sydnor Hydrodynamics

Total Depth: 357'

COUNTY: Henrico (Richmond)

Oil or Gas: Water: 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 - 350	-	-
100 - 110	350 - 357	-	-
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	-	-	-

Unwashed only

OWNER: M. G. Thalhimer #2
DRILLER: Sydnor Hydrodynamics
COUNTY: Henrico (Richmond)

W#: 5341
C#: 226
TOTAL DEPTH: 357'
QUAD.: Bon Air

GEOLOGIC LOG

Depth
(feet)

0-10 Sand — grayish dark orange; moderate clay; medium to coarse grained, some granules; subangular to subrounded; moderately well sorted; quartz; feldspar; some opaques.

10-20 As above except grayish orange.

20-30 As above except some fine grains, 10% granules; moderately sorted.

30-40 Sand — grayish orange; slightly clayey; fine to coarse grained, 7% granules; subangular to subrounded; moderately sorted; quartz; feldspar; few flakes of biotite; muscovite.

40-50 As above except some biotite.

50-60 As above except some muscovite.

60-70 Granite — moderate orange pink; quartz; feldspar; 12% biotite.

70-80 Granite — grayish orange; quartz; feldspar; 3% biotite; few flakes of muscovite.

80-90 As above.

90-100 Granite — moderate orange pink, light gray; quartz; feldspar; 5% biotite; muscovite.

100-110 As above except 15% biotite.

110-120 As above except 10% biotite.

120-130 Granite — salt and pepper; equigranular; quartz; feldspar; 15% biotite.

130-140 As above except 12% biotite.

140-150 As above except moderate orange pink, white, and black.

150-160 Granite — grayish orange pink; quartz; feldspar; 15% biotite; few flakes of muscovite.

160-170 As above.

170-180 As above except 17% biotite.

Depth
(feet)

180-190 As 150-160 except 10% biotite.

190-200 Granite — grayish orange pink; equigranular; quartz; feldspar; 12% biotite; few flakes of muscovite.

200-210 As above.

210-220 Granite — moderate orange pink; quartz; feldspar; 20% biotite.

220-230 As above except 10% biotite.

230-240 As above except 17% biotite.

240-250 Granite — salt and pepper; equigranular; quartz; feldspar; 20% biotite.

250-260 Granite — light gray; moderate orange pink, black; equigranular; quartz; feldspar; 25% biotite; several small pyrite veins.

260-270 As above except 20% biotite; no pyrite.

270-280 Granite — grayish orange pink; quartz; feldspar; 15% biotite; few grains of pyrite.

280-290 As above except 20% biotite.

290-300 Granite — moderate orange pink; quartz; feldspar; 10% biotite.

300-310 Granite — grayish pink; quartz; feldspar; 10% biotite.

310-320 As above except 15% biotite.

320-330 Granite — moderate orange pink; equigranular; feldspar; quartz; 7% biotite.

330-340 Granite — moderate orange pink, light gray; equigranular; quartz; feldspar; 10% biotite.

340-350 Granite — grayish pink; quartz; feldspar; 7% biotite.

350-357 As above.

Note: All samples are unwashed.

Logged by: Michael T. Currie

GEOLOGIC SUMMARY

<u>Depth</u> <u>(feet)</u>	<u>Thickness</u> <u>(feet)</u>	<u>Rock Unit</u>	<u>Time Rock Unit</u>
0-60	60	Columbia Group	Pleistocene
60-357	297	Petersburg Granite	Paleocene (?)

VIRGINIA DIVISION OF MINERAL RESOURCES
David A. Hubbard, Jr., Geologist
December 4, 1978