

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:
B-3667
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES
JAMES L. CALVER, COMMISSIONER
WATER WELL COMPLETION REPORT

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

OWNER: Daniel Construction Company of Va. Mailing Address: P. O. Box 6737, Richmond, Va. 23230
West Broad Street, Dickens Road

TENANT: Richmond Equivest, Inc. Mailing Address: Richmond, VA.
P. O. Box 27186

DRILLER: Sydnor Hydrodynamics, Inc. Mailing Address: Richmond, VA. 23261

WELL LOCATION: County Henrico Approx. 1000 feet ~~XXXX~~ north (direction) of
Dickens Road and 800 feet ~~XXXX~~ east (direction) of Rt. 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: 6-22-72 DATE COMPLETED: 7/7/72

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 350 feet

WATER LEVEL: Stands 20 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Submersible
Drawdown 110 feet
Rate 50 gal. per min.
Duration 8 hrs., 30 min.

HOLE SIZE: 10 inches from 0 to 65 feet
6 1/2 inches from 65 to 350 feet
_____ inches from _____ to _____ feet

WATER ZONES: from 110 to 117 feet
from 132 to 145 feet
from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER: Color Clear Taste _____
Odor _____ Temp. _____ °F

CASE SIZE: 7 inches from +2 to 65 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WELL TO SUPPLY: (check one) Home _____
Farm _____ Town _____ School _____
Industry _____ Other Irrigation _____

GROUTING: Method _____
Material _____ Depth _____ feet

WATER ANALYSIS AVAILABLE: Yes _____ No

PUMP: Type _____
Capacity _____ gal per min
Depth of intake _____ feet

DRILL CUTTINGS SAVED: 36 Yes 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: Sydnor Hydrodynamics, Inc.

DATE: 7/7/72

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	30	Yellow clay	
30	50	Sandy clay	
50	60	Red granite	
60	65	Soft red granite (15 GPM)	
65	100	Red granite	
100	117	Soft red granite (25 GPM)	
117	132	Red granite	
132	145	Soft red granite (35 GPM)	
145	237	Gray granite	
237	323	Red granite	
323	350	Gray granite	

(Use additional forms if necessary)

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INTERVAL SHEET

Page 1 of 1 Well Repository No: W#: 3629
 Date rec'd: 8/21/72 Date Processed: 10/31/72 Sample Interval: from: 0 to: 350'
 C#: 208
 PROPERTY: Daniel Construction Co. of Va. Number of samples: 35
 COMPANY: Sydnor Hydrodynamics, Inc. Total Depth: 350'
 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	-	-	-
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 & unwashed samples.

OWNER: Daniel Const. Co. of Va.
DRILLER: Sydnor Hydrodynamics
COUNTY: Henrico (Richmond)

W#: 3629
C#: 208
TOTAL DEPTH: 350'
QUAD.: Bon Air

GEOLOGIC LOG

Depth (feet)	
0-10	Sand — grayish orange; moderate clay; very fine to very coarse grained, some granules; subangular to subrounded; poorly sorted; quartz; feldspar; few grains of glauconite.
10-20	Granite (weathered) — very pale orange; slightly clayey; quartz; feldspar; some biotite; few flakes of muscovite.
20-30	As above except 5% biotite; few grains of hornblende.
30-40	Granite (weathered) — very pale orange; slightly clayey; quartz; feldspar; 3% biotite; few grains of hornblende.
40-50	As above except 5% biotite.
50-60	As above except moderate clay; 7% biotite.
60-70	Granite (weathered) — very pale orange, white; slightly clayey; quartz; feldspar; 3% biotite; few grains of hornblende.
70-80	Granite — very pale orange, white, medium gray; quartz; feldspar; 2% biotite; few grains of hornblende; muscovite.
80-90	Granite — moderate orange pink, white; equigranular; quartz; feldspar; 5% biotite.
90-100	Granite — moderate orange pink, white; feldspar; quartz; 10% biotite.
100-110	As above.
110-120	As above.
120-130	Granite — moderate orange pink, medium light gray, white; equigranular; quartz; feldspar; 5% biotite.
130-140	As above except 3% biotite; few flakes of muscovite.
140-150	Granite — white, moderate orange pink, medium light gray, black; equigranular; quartz; feldspar; 15% biotite.

Depth
(feet)

150-160 As 140-150.

160-170 Granite — white, medium light gray, moderate orange pink, black; equigranular; quartz; feldspar; 17% biotite.

170-180 As above.

180-190 As above.

190-200 As above except 15% biotite.

200-210 Granite — moderate orange pink, medium light gray, white, black; equigranular; quartz; feldspar; 15% biotite.

210-220 As above except 10% biotite.

220-230 Granite — white, medium light gray, moderate orange pink, black; quartz; feldspar; 15% biotite; few flakes of muscovite.

230-240 Granite — moderate orange pink, medium light gray, white, black; equigranular; quartz; feldspar; 12% biotite; few grains of pyrite.

240-250 As above except no pyrite.

250-260 Granite — white, medium light gray, moderate orange pink, black; equigranular; quartz; feldspar; 10% biotite.

260-270 Granite — moderate orange pink, medium light gray, white, black; equigranular; quartz; feldspar; 10% biotite.

270-280 As above plus some moderately stained grains.

280-290 Granite — moderate orange pink, white, black; quartz; feldspar; 7% biotite.

290-300 Granite — moderate orange pink, medium light gray, black, white; equigranular; quartz; feldspar; 7% biotite.

300-310 As above except 12% biotite.

310-320 As above.

320-330 Granite — moderate orange pink, white, medium light gray, black; equigranular; quartz; feldspar; 10% biotite.

330-340 As above.

OWNER: Daniel Const. Co. of Va.

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W#: 3629

Depth
(feet)

340-350 Granite — white, black, moderate orange pink; equigranular; quartz;
feldspar; 17% biotite.

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>
0-10	10	Columbia Group	Pleistocene
10-350	340	Petersburg Granite	Paleozoic (?)

VIRGINIA DIVISION OF MINERAL RESOURCES
David A. Hubbard, Jr., Geologist
November 30, 1978