

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W#: 4159  
C#: 174

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: Fiberlay Corp. Well #3 Mailing Address: Doswell, VA

TENANT: \_\_\_\_\_ Mailing Address: \_\_\_\_\_

DRILLER: Sydnor Hydrodynamics, Inc. Mailing Address: P.O. Box 27186  
Richmond, VA 23261

WELL LOCATION: County Hanover Approx. 1/2 <sup>feet</sup> miles South (direction) of  
North Anna River and 300 <sup>feet</sup> miles East (direction) of US. Hwy. #1

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

DATE STARTED: 7/31/73 DATE COMPLETED: 8/3/73

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 297 feet

WATER LEVEL: Stands 18 feet below surface OR  
has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method Submersible pump  
Drawdown 116 feet  
Rate 23 gal. per min.  
Duration 12 hrs., \_\_\_\_\_ min.

HOLE SIZE: 12 inches from 0 to 50 feet  
6 inches from 50 to 297 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER ZONES: from 72 to 80 feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet

SCREEN SIZE: \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER: Color \_\_\_\_\_ Taste \_\_\_\_\_  
Odor \_\_\_\_\_ Temp. \_\_\_\_\_ °F

CASE SIZE: 6 inches from +2 to 50 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WELL TO SUPPLY: (check one) Home \_\_\_\_\_  
Farm \_\_\_\_\_ Town \_\_\_\_\_ School \_\_\_\_\_  
Industry XX Other \_\_\_\_\_

GROUTING: Method Pressure  
Material Cement water Depth 50 feet

WATER ANALYSIS AVAILABLE: Yes XX No \_\_\_\_\_  
21

PUMP: Type \_\_\_\_\_  
Capacity \_\_\_\_\_ gal per min  
Depth of intake \_\_\_\_\_ feet

DRILL CUTTINGS SAVED: Yes XX 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: Location: 562,400 x 2,299,050 ELEV: 120 Map; 149-C RFB 9-13-73

# 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	1	Top Soil	
1	37	Sandy clay	
37	50	Brown rock	
50	72	Brown slate	
72	102	Gray granite	
102	180	Red - gray granite	
180	297	Red granite	
TOTAL DEPTH			
DATE COMPLETED			

(Use additional forms if necessary)

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

INTERVAL SHEET

Page 1 of 1

Well Repository No: W#: 4159  
 C#: 174

Date rec'd: 7/18/74 Date Processed: 6/17/75

Sample Interval: from: to:  
 0 297'

PROPERTY: Fiberly Corp. Well #3

Number of samples: 21

COMPANY: Sydnor Hydrodynamics

Total Depth: 297'

COUNTY: Hanover (Dorwell)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 20	-	-	-
20 - 30	60 - 70	-	-
30 - 40	70 - 80	-	-
40 - 50	80 - 90	-	-
50 - 60	-	-	-
60 - 70	-	-	-
-	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
-	-	-	-
110 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
230 - 40	-	-	-
40 - 50	-	-	-

Unwashed only.

OWNER: Fiberly Corp. Well #3  
DRILLER: Sydnor Hydrodynamics  
COUNTY: Hanover

W#: 4159  
C#: 174  
TOTAL DEPTH: 297'  
QUAD: Ruther Glen

GEOLOGIC LOG

Depth  
(feet)

- 0 - 10 Sand -- light grayish orange; slightly clayey; medium to coarse grained, 5% granules; subangular to subrounded; moderately well sorted; quartz; feldspar; few flakes of muscovite.
- 10 - 20 As above plus some pebbles; few flakes of weathered biotite.
- 20 - 30 Sand -- yellowish gray; slightly clayey; medium to coarse grained, 3% granules; subangular to subrounded; moderately well sorted; quartz; feldspar; few flakes of muscovite; biotite.
- 30 - 40 As above plus few pebbles.
- 40 - 50 Subgraywacke to subarkose (slightly weathered) - pale brown; slightly clayey; ferruginous cement; quartz; white potassic feldspar; some muscovite; few grains of garnet; biotite.
- 50 - 60 Subgraywacke to subarkose -- moderate brown; ferruginous cement; quartz; white potassic feldspar; some muscovite; few flakes of biotite; pyrite.
- 60 - 70 Subgraywacke to subarkose - pale brown; ferruginous cements; quartz; white potassic feldspar; pink microcline; few flakes of muscovite; biotite; few grains of apatite.
- 70 - 80 No sample.
- 80 - 90 Arkose -- off white; quartz; white potassic feldspar; some pink microcline; some muscovite; apatite; few grains of garnet; biotite.
- 90 - 100 As above except some garnet.
- 100 - 110 No sample.
- 110 - 120 Subgraywacke to subarkose -- pale brown; ferruginous cement; quartz; white potassic feldspar; pink microcline; some biotite; apatite; muscovite; few grains of garnet.
- 120 - 130 As above.
- 130 - 140 As above except moderate brown.
- 140 - 150 As above except pale brown.
- 150 - 160 Arkose - light brownish gray; quartz; pink microcline; white potassic feldspar; some apatite; biotite; few flakes of muscovite; pyrite.

Depth  
(feet)

160 - 170 Subgraywacke to subarkose -- pale brown; ferruginous cement; quartz;  
white potassic feldspar; pink microcline; some biotite; apatite;  
muscovite.

170 - 180 As above.

180 - 230 No sample.

230 - 240 As (160 - 170).

240 - 250 As above.

250 - 260 No sample.

260 - 270 As (160 - 170).

270 - 280 As above.

280 - 290 As above.

290 - 297 No sample.

NOTE: All samples are unwashed.

Logged by: Michael T. Currie  
March 7, 1979

OWNER: Fiberly Corp. Well #3

W# 4159

## GEOLOGIC SUMMARY

<u>Depth</u> <u>(feet)</u>	<u>Thickness</u> <u>(feet)</u>	<u>Rock Unit</u>	<u>Time Rock Unit</u>
0-40	40	Columbia Group	Pleistocene
40-290	250	Newark Group	Triassic
290-297	7	No Sample	

VIRGINIA DIVISION OF MINERAL RESOURCES  
David A. Hubbard, Jr., Geologist  
April 6, 1979