

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-4387  
C-110

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

Box 3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

Charlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

OWNER: South River Development #2 Mailing Address: 507 Whitesel Rd., Ashland, VA

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

DRILLER: Sydnor Hydrodynamics, Inc. Mailing Address: 2111 Magnolia St., Richmond, VA

WELL LOCATION: County Caroline Approx. 1 ~~xxx~~ miles North (direction) of  
Ladysmith (Route 639) and 600 ~~xxxx~~ feet west (direction) of U.S. Highway 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: 4/30/75 DATE COMPLETED: 5/30/75

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 375 feet

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

YIELD TEST: Method Air lift

Drawdown \_\_\_\_\_ feet

Rate 3 gal. per min.

Duration \_\_\_\_\_ hrs., \_\_\_\_\_ min.

HOLE SIZE: 10 inches from 0 to 50 feet

6 inches from 50 to 375 feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

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

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

CASE SIZE: \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ 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 0-40 feet

PUMP: Type \_\_\_\_\_

Capacity \_\_\_\_\_ gal. per min

Depth of intake \_\_\_\_\_ feet

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

DRILL CUTTINGS SAVED: Yes 38 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	10	Clay	
10	20	Brown Sand	
20	30	Soft Rock	Pipe removed/well abandoned according to Virginia regulations.
30	50	Hard Black and Gray Granite	
50	220	Gray Granite	
220	222	Gray Granite (1 GPM)	
222	243	Gray Granite	Not enough water for subdivision.
243	245	Gray Granite-Quartz (2 GPM)	
245	325	Gray Granite	
325	375	Gray Granite-Quartz	

(Use additional forms if necessary)

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

INTERVAL SHEET

Page 1 of 1

Well Repository No.: C-110  
 W-4387

Date rec'd: 7-1-75 Date Processed: 6-28-76

Sample Interval: from 0 to: 375

PROPERTY: South River Develop. Co., #2

Number of samples: 38

COMPANY: Sydnor Hydrodynamics

Total Depth: 375'

COUNTY: Caroline (Ladysmith)

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To	From-To
0-10	300-310	-	-	-
10-20	310-320	-	-	-
20-30	320-330	-	-	-
30-40	330-340	-	-	-
40-50	340-350	-	-	-
50-60	350-360	-	-	-
60-70	360-370	-	-	-
70-80	370-375	-	-	-
80-90	-	-	-	-
90-100	-	-	-	-
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	-	-	-	-
250-260	-	-	-	-
260-270	-	-	-	-
270-280	-	-	-	-
280-290	-	-	-	-
290-300	-	-	-	-

Contains both washed and unwashed samples.

OWNER: South River Develop. #2  
DRILLER: Sydnor  
COUNTY: Caroline (Ladysmith)

W # 4387  
TOTAL DEPTH: 375'

DEPTH  
(FEET)

WELL LOG

0-10	Sand	- grayish orange (10YR 7/4); fine to granule, angular, poorly sorted; abundant feldspar; quartz; sparse clay; iron; mica.
10-20	Arkose	- light and dark gray - moderate clay in pellets; medium to very coarse, angular, moderately sorted; quartz; fragments of black minerals - hornblende, epidote, tourmaline, etc.; muscovite; hematite; feldspar.
20-375	Granite	- light and dark gray; crushed; 50% dark minerals; 7% garnet; pebbles; biotite; feldspar; clay coating; fine sand; quartz; epidote; pyrite; hornblende.

Logged by: Joan K. Polzin  
June 23, 1980