

OWNER: S. R. Gay and Company, Inc.
(Bell Telephone Bldg. - Section A)
DRILLER: Sydnor Hydrodynamics, Inc.
COUNTY: Culpeper (Culpeper)

VDMR: 2015
WWCR: 33
TOTAL DEPTH: 200'

GEOLOGIC LOG

Depth in feet

0-15	No sample
15-30	Greenstone - red- and blue-gray mixed, aphanitic, micro-crystalline and cryptocrystalline, many fragments are iron-oxide stained; feldspar, biotite, chlorite, jasper, epidote and quartz
30-45	" less iron-oxide staining
45-50	No sample
50-80	Greenstone - red-gray and blue-gray mixed, aphanitic, micro-crystalline and cryptocrystalline, iron-oxide staining on a few fragments; feldspar, biotite, chlorite, jasper, epidote and quartz
80-110	"
110-140	"
140-200	No samples

GEOLOGIC SUMMARY

<u>Rock Unit</u>	<u>Age</u>
0-15'	No sample
15-140'	Catoctin Formation
140-200'	No samples
	Precambrian (?)

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
January 10, 1968

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

Box 3667
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: S. R. Gay and Company, Inc. Mailing Address: Box 641, Lynchburg, Va. 24505

TENANT: Bell Telephone Bldg., Section A Mailing Address: Culpeper, Virginia

DRILLER: Sydnor Hydrodynamics, Inc. Mailing Address: Box 1476, Richmond, Va. 23212

WELL LOCATION: County Culpeper Approx. 1/4 ^{feet}/_{miles} east (direction) of
U. S. Highway 522 and 1 1/2 ^{feet}/_{miles} north (direction) of St. Route 3

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

DATE STARTED: September 19, 1967 DATE COMPLETED: September 22, 1967

TYPE OF DRILL RIG USED: Rotary No. 66 TOTAL DEPTH 200 feet

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

YIELD TEST: Method Air lift
Drawdown _____ feet
Rate 30 gal. per min.
Duration _____ hrs., _____ min.

HOLE SIZE: 8 3/4 inches from 0 to 55 feet
5 inches from 55 to 200 feet
_____ inches from _____ to _____ feet

WATER ZONES: from 75' to 100' 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: 5 inches from 0+1 to 55 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method Pressure
Material cement & water depth 55 feet

WATER ANALYSIS AVAILABLE: Yes _____ No _____

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

DRILL CUTTINGS SAVED: 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:

Sydnor Hydrodynamics, Inc.

DATE:

September 25, 1967

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	Red clay	
10	55	Pink shale and greenstone	
55	100	Green and pink shale	
100	175	Greenstone	
175	200	Green and pink shale	

INTERVAL SHEET

WWCR: 33

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VDMR Well No: 2015

Date rec'd: 10/12/67

Sample Interval: from 15' to: 140'

PROP: S. R. Gay and Company, Inc.
(Bell Tell Bldg., Section A)

Number of samples: 5

COMP: Sydnor Hydrodynamics

Total Depth: 200'

COUNTY: Culpeper (Culpeper)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
-	-	-	-
15 - 30	-	-	-
30 - 45	-	-	-
-	-	-	-
50 - 80	-	-	-
-	-	-	-
80 - 110	-	-	-
110 - 140	-	-	-
No samples	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples