

INTERVAL SHEET WWCR 56

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VDMR Well No: 2155

Date rec'd: 3/26/68

Sample Interval: from 0 to: 250'

PROP: Westview-On-James #1

Number of samples: 25

COMP: Sydnor Hydrodynamics, Inc.

Total Depth: 250'

COUNTY: Goochland (Rock Castle)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
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	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Richmond District Board of Education
Westview-on-the-James, Well #1
DRILLER: Sydnor Hydrodynamics, Inc.
COUNTY: Goochland (Rock Castle)

VDMR: 2155
WWCR: 56
TOTAL DEPTH: 250'

GEOLOGIC LOG

Depth in
feet

0-10	Saprolite — tan-brown, weathered, iron-oxide stained; fragments of gneiss, quartz, biotite, muscovite, feldspar, and clay
10-20	"
20-30	"
30-40	"
40-50	"
50-60	Biotite-hornblende gneiss — light-gray, fine-grained, phaneritic, slightly foliated, micaceous; feldspar (90% white or light-gray, 10% pink), quartz, biotite, hornblende, minor amounts of muscovite
60-70	Biotite gneiss — gray, fine-grained, phaneritic, foliated, very micaceous; quartz, feldspar (white) and biotite, with minor amounts of muscovite and vein quartz
70-80	"
80-90	"
90-100	" with some pyroxenes and minor amount of amphiboles
100-110	" with minor amounts of pyroxenes and amphiboles
110-120	" "
120-130	" "
130-140	" "
140-150	" "
150-160	Biotite gneiss — gray, fine-grained, phaneritic, foliated, micaceous; feldspar, quartz, biotite, and hornblende, with minor amounts of vein quartz and muscovite

OWNER: Richmond District Board of Education
Westview-on-the-James, Well #1

#2155

- 160-170 Biotite gneiss — gray, fine-grained, phaneritic, foliated, micaceous; feldspar, quartz, biotite and hornblende, with minor amounts of vein quartz and muscovite
- 170-180 "
- 180-190 "
- 190-200 " with trace of garnet
- 200-210 Biotite gneiss — light-gray, fine-grained, phaneritic, foliated to lineated, slightly micaceous to micaceous; quartz, feldspar (95% white, 5% pink) and biotite, with minor amounts of muscovite, amphiboles and vein quartz
- 210-220 " a few slickensides; slightly sheared
- 220-230 " " with minor amount of chlorite
- 230-240 " " "
- 240-250 Biotite gneiss — gray, fine-grained, phaneritic, foliated, micaceous; feldspar (98% white, 2% pink), quartz, biotite and hornblende, with minor amounts of muscovite and vein quartz

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-50'	Saprolite	
50-250'	Biotite gneiss	Paleozoic (?)

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
April 4, 1968

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

VDMR 2155
WWCR 56

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: Richmond District Bd. of Education Mailing Address: Park & Allen Avenue
Richmond, Virginia
TENANT: Westview-on-the-James, Well #1 Mailing Address: _____
DRILLER: Sydnor Hydrodynamics, Inc. Mailing Address: P. O. Box 1476, Richmond, Va.
WELL LOCATION: County Goochland Approx. 2 ^{feet} miles west (direction) of
State Rd. 600 and 1/2 ^{feet} miles north (direction) of James River

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

DATE STARTED: 2/6/68 DATE COMPLETED: 2/9/68

TYPE OF DRILL RIG USED: Air Rotary TOTAL DEPTH 250 feet

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

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

WATER ZONES: from none to _____ feet
from _____ to _____ feet
from _____ to _____ feet

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

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

WATER ANALYSIS AVAILABLE: Yes _____ No X

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: Customer stopped drilling operation - no water

HOLE SIZE: 10 inches from 0 to 55 feet

6 inches from 55 to 250 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 6 inches from 0 to 55 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

GROUTING: Method none

Material _____ Depth _____ feet

PUMP: Type _____

Capacity _____ gal. per min

Depth of intake _____ feet

LOG

FURNISHED BY: Sydnor Hydrodynamics, Inc. DATE: 2/12/68

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	35	Red clay	
35	45	Brown sandstone	
45	60	White sandstone	
60	100	Black slate with white sandstone mixed	
100	163	Black slate	
163	166	Brown rotten rock	
166	250	Black slate and white sandstone mixed	
TOTAL DEPTH			
DATE STARTED			
DATE COMPLETED			
TYPE OF DRILL RIG USED			
WATER LEVEL			
YIELD TEST: Method			
HOLE SIZE: 10 inches from 0 to 50 feet			
HOLE SIZE: 6 inches from 50 to 250 feet			
SCREEN SIZE			
WATER ZONES: from 0 to 10 feet			
WATER ZONES: from 10 to 100 feet			
WATER ZONES: from 100 to 250 feet			
GROUTING: Method none			
PUMP: Type			
WATER ANALYSIS AVAILABLE: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
DRILL CUTTINGS SAVED: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
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: Customer stopped drilling operation - no water			