

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2458  
C-120

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B 3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

Charlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

OWNER: USA Corps of Eng. - Philpott Project Mailing Address: Bassett, Virginia

TENANT: Jamison Mill - location 4 Mailing Address: "

DRILLER: Rankin Williamson Mailing Address: Buffalo Junction, Virginia

WELL LOCATION: County Franklin Approx. 4 1/2 ~~text~~ miles west (direction) of

Henry and 1 1/4 ~~text~~ miles west (direction) of Jct. 772-903

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

DATE STARTED: 9/18/68 DATE COMPLETED: 9/18/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 62 feet

WATER LEVEL: Stands 21 feet below surface OR

has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method air lift

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

Rate 7 gal. per min.

Duration 1 hrs., 0 min.

WATER ZONES: from 47 to 48 feet

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

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

WATER: Color clear Taste \_\_\_\_\_

Odor none Temp. \_\_\_\_\_ °F

WELL TO SUPPLY: (check one) Home \_\_\_\_\_

Farm \_\_\_\_\_ Town \_\_\_\_\_ School \_\_\_\_\_

Industry \_\_\_\_\_ Other picnic area

WATER ANALYSIS AVAILABLE: Yes  No

DRILL CUTTINGS SAVED: Yes 5 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: \_\_\_\_\_

HOLE SIZE: 9 inches from 0 to 45 1/2 feet

6 1/16 inches from 45 1/2 to 62 feet

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

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

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

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

CASE SIZE: 6 1/4 inches from 0 to 45 1/2 feet

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

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

GROUTING: Method \_\_\_\_\_

Material cement Depth 45 1/2 feet

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

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

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

LOG

FURNISHED BY: Rankin Williamson

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	15	Brown, dry, loose dirt	
15	20	Sandstone	
20	42	Limestone, sandstone and brown dirt mixture	
42	62	Limestone, medium hard	7 gpm @ 47-48'



OWNER: USA Corps of Eng. - Philpott Project  
(Jamison Mill - location 4)  
DRILLER: Rankin Williamson  
COUNTY: Franklin (Henry)

W-2458  
C- 120  
TOTAL DEPTH- 62'

GEOLOGIC LOG

Depth  
in feet

0-10	No sample
10-11	Weathered phyllite — light brown; weathered, with fragments of biotite-sericite phyllite
20-21	Sericite phyllite — silver-gray, weathered to a silver-brown; sericite, feldspar, biotite and quartz
30-31	" with trace of graphite phyllite
40-41	Sericite-biotite phyllite — dark lustrous gray; with trace of pyrite
41-60	No sample
60-61	Sericite-biotite phyllite — dark lustrous gray; with traces of pyrite and iron-oxide stain
61-62	No sample

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-10'	No sample	—
10-11'	Weathered phyllite	—
20-61'	Sericite phyllite	Precambrian
61-62'	No sample	—

Virginia Division of Mineral Resources  
T. M. Gathright, Geologist  
February 10, 1969