



COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

WWCR-#253  
VDMR-#471

WATER WELL COMPLETION REPORT

OWNER: Arnold Janney Mailing Address: \_\_\_\_\_  
 TENANT: \_\_\_\_\_ Mailing Address: \_\_\_\_\_  
 DRILLER: William A. Pauley Mailing Address: \_\_\_\_\_  
 WELL LOCATION: County Floyd Approx.  $\frac{1}{2}$  ~~XX~~ miles  
North (direction) of Terrys Fork and \_\_\_\_\_ ft. miles on X Rt. 610  
(Give direction and distance in feet or tenths of mile from two reference points—roads, towns, rivers, etc.—on county highway or other map.)

**WATER CONDITIONS**

**DEPTH**

STATIC WATER LEVEL 40

WATER ZONES (fissures or formations supplying water)

(from) 46 ft. (to) \_\_\_\_\_ ft. (from) \_\_\_\_\_ ft. (to) \_\_\_\_\_ ft.

**QUANTITY OF WATER**

WELL PUMPED (or bailed) at 3 Gal. per Min. with \_\_\_\_\_ feet **DRAWDOWN** after 2 HOURS PUMPING.

FLOW (natural) \_\_\_\_\_ G.P.M. HEAD \_\_\_\_\_ ft. (above ground) **W**

REMARKS: \_\_\_\_\_

**QUALITY OF WATER**

COLOR Clear TASTE \_\_\_\_\_

ODOR \_\_\_\_\_ OTHER \_\_\_\_\_

ANALYSIS: AVAILABLE— Yes  No  ATTACHED Yes  No

TEMPERATURE \_\_\_\_\_  
 WATER (from) \_\_\_\_\_ ft. (to) \_\_\_\_\_ ft.  
(salt, brackish, iron, sulfur, acid, other)

USE OF WATER: Domestic  Town  Industry  Farm  Public  **S**

**CONSTRUCTION**

RIG TYPE (or method) \_\_\_\_\_  
(rotary, cable, bored, driven, etc..)

DATE: Started Aug. 1, 60; Completed Aug. 3, 60

TOTAL DEPTH 110 ft.

BEDROCK at 47 ft.

**GROUTING INFORMATION**

METHOD USED \_\_\_\_\_

GROUTING MATERIAL \_\_\_\_\_

DEPTH OF GROUTING \_\_\_\_\_

REMARKS: Sample taken at 90-100 ft. interval

Source of information: WAP (60) F Recent Well

**HOLE SIZE**

(diam) (from) (to) ft. ft.  
5 5/8 in. \_\_\_\_\_ ft. \_\_\_\_\_ ft.

**CASING SIZE**

(diam) (from) (to) ft. ft.  
5 5/8 ID \_\_\_\_\_ ft. 47 ft.

**SCREEN (or perforations)**

(diam.) (from) (to) (opening size)  
 \_\_\_\_\_ in. \_\_\_\_\_ ft. \_\_\_\_\_ ft.

**PUMP (installed)**

TYPE \_\_\_\_\_ Cap. (gpm) \_\_\_\_\_

H.P. \_\_\_\_\_ Depth of intake \_\_\_\_\_ ft.



ROCK AND MINERAL REPOSITORY

County: Floyd

VDMR Sample No: R-1872

General Name: Gneiss

Formation or Unit: Undiff

Age: Pre-Cambrian

Location: 1/2 mile north of town of Terry's Fork

Collector: William Pauley

(Floyd 253)

Date Collected: 8/3/60

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Megascopic Description

Name: Gneiss

Hand Specimen:

Loose Material: drill cuttings

Color: fresh - dark gray  
weathered -

Distinguishing features: A gneiss(?) consisting of biotite, muscovite, quartz, and epidote  
(may be some feldspars).

Mineral constituents

Estimated  
Percentage

Size

Color

cuttings too small for megascopic description

Geologic description:

Floyd 253

ROCK AND MINERAL REPOSITORY CONTD.

Microscopic Description under binocular microscope

Name: Gneiss

Thin section:

Fragment immersion:

Polished section:

Distinguishing features (incl. fabric and texture):

Mineral constituents

Percentage

Size

quartz	60%
biotite	20%
muscovite	10%
epidote	10%

Additional test data (to incl. x-ray, spectrographic, physical, chemical and other test data)

samples taken at 90-100 feet

Evaluation of samples

poor water aquifer

Item	Last Name & Init.	Date
Mega. Desc.		
Geol. Desc.		
Micro. Desc.	Gardner L.H.	9/27/61
Eval.		