

OWNER: National Park Service - Otter Creek, Well #3
DRILLER: F. Martin Drilling Co.
COUNTY: Amherst (Snowden)

VDMR: 2151
WWCR: 172
TOTAL DEPTH: 155'

GEOLOGIC LOG

Depth in
feet

0-14	Slate — gray and tan, cryptocrystalline; very-slightly weathered, some iron-oxide staining, soft, fissile; slightly phyllitic
14-20	" gray; less iron-oxide staining, no weathering
20-30	" "
30-40	Slate — gray, cryptocrystalline; soft, fissile; slightly-phyllitic
40-50	"
50-60	"
60-70	" about 50% of sample is vein quartz
70-80	"
80-90	"
90-100	"
100-110	"
110-120	"
120-130	"
130-140	"
140-155	"

GEOLOGIC SUMMARY

ROCK UNIT

AGE

Swift Run Formation

PreCambrian (?)

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
March 12, 1968

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

VDMR - 2151
WWCR - 172

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B-3667
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: National Park Service,
Blue Ridge Parkway Mailing Address: Roanoke, Va.
TENANT: Otter Creek Area, Well #3 Mailing Address: 5163 Starkey Rd. S. W.,
DRILLER: Frank W. Martin Drilling Co., Inc. Mailing Address: Roanoke, Virginia
WELL LOCATION: County Amherst Approx. 4 ~~xxx~~ miles east (direction) of
Snowden and feet near mile post #60
miles (direction) of Blue Ridge Parkway

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

DATE STARTED: 8/1/67 DATE COMPLETED: 8/2/67

TYPE OF DRILL RIG USED: Air Rotary TOTAL DEPTH 155 feet

WATER LEVEL: Stands feet below surface OR

has NATURAL flow of gallons per minute.

YIELD TEST: Method Air Test

Drawdown feet

Rate 0 gal. per min.

Duration hrs., min.

WATER ZONES: from 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 Area

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: Hole abandoned

HOLE SIZE: 10 inches from 0 to 13 feet

6 inches from 13 to 155 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 to feet

 inches from to feet

 inches from to feet

GROUTING: Method

Material Depth feet

PUMP: Type None

Capacity gal. per min

Depth of intake feet

FURNISHED BY: Frank W. Martin Drilling Co., Inc. DATE: March 4, 1968

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	155	Shale and limestone	