#### INTERVAL SHEET WWCR 172

Pare 1 of 1 VDMR Well No: 2151

Date rec'd: 3/8/68 Sample Interval: from 0 to: 155'

PROP: National Park Service (Otter Creek, Well #3) Number of samples: 15

COMP: F. Martin Drilling Co. Total Depth: 155'

COUNTY: Amherst (Snowden) Oil or Gas: Water: X Exploratory:

From-To			From-To		From-To			From-To		
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20 -	30		-		-			_		
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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

- u	·
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	m . M
30-40	Slate — gray, cryptocrystalline; soft, fissile; slightly-phyllitic
40-50	11
50-60	tt S
60-70	about 50% of sample is vein quartz
70-80	11
80-90	11
90-100	m .
100-110	
110-120	H
120-130	11
130-140	11
140-155	II .

#### 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

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

JAMES L. CALVER, COMMISSIONER B 3667 McCormick Road lottesville, VA 22903 WATER WELL COMPLETION REPORT Charlottesville, Virginia National Park Service, OWNER: 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 miles east (direction) of feet near mile post #60
and miles (direction) of Blue Ridge Parkway Snowden (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 HOLE SIZE: 10 inches from 0 to 13 feet 6 inches from 13 to 155 feet Drawdown \_\_\_\_\_ feet Rate \_\_\_\_\_ qal. per min. \_\_\_\_inches from \_\_\_\_\_to \_\_\_\_feet SCREEN SIZE:\_\_\_\_\_inches from \_\_\_\_\_to \_\_\_\_feet Duration \_\_\_\_\_hrs., \_\_\_\_min. WATER ZONES: from \_\_\_\_\_\_to \_\_\_\_\_feet \_\_\_\_\_inches from \_\_\_\_\_to \_\_\_\_feet \_\_\_\_inches from \_\_\_\_\_to\_\_\_\_feet from\_\_\_\_\_to\_\_\_\_feet CASE SIZE: 6 1/4 inches from to feet from \_\_\_\_\_\_feet WATER: Color\_\_\_\_\_Taste\_\_\_\_ \_\_\_\_inches from\_\_\_\_to\_\_\_\_feet Odor\_\_\_\_\_Temp.\_\_\_\_\_°F \_\_\_\_inches from \_\_\_\_to\_\_\_\_feet GROUTING: Method TO SUPPLY: (check one) Home \_ Farm \_\_\_\_\_ Town \_\_\_\_ School \_\_ Material \_\_\_\_\_\_ Depth \_\_\_\_\_ feet Type None Industry\_\_\_Other\_Camp Area PUMP: WATER ANALYSIS AVAILABLE: Yes \_\_\_\_\_No \_X Capacity\_\_\_\_\_gal. per min Yes\_X\_No\_\_\_ Depth of intake \_\_\_\_\_ DRILL CUTTINGS SAVED: (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.) ARKS: Hole abandoned

# COMMONWEALTHOO OF VIRGINIA

FURNISHED BY:\_ Drilling Co., Inc. DATE: March 4,

DEPTH SENOTE TYPE OF ROCK OR SOIL PENETRATED REMARKS (feet) (gravel, clay, etc., hardness, color, etc.) (water, caving, shot, screen, sample, etc.) FROM TO 0 155 \_ Moiling Address 5162 Starkey Ro. DRILLER Frank W. Martin Drilling Co., Inc. Moiling Address Rosnolic, Virginia WELL LOCATION County Amhers miles (direction) of Bue Ridge CONVE DIRECTION AND DISTANCE BY PEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC - ON DATE STARTED ' 8/1/67 DATE COMPLETED 8/2/67 TYPE OF DRILL RIG USER \_\_\_ AIR ROLLTY WATER LEVEL! Stonds \_\_\_\_\_ deat volow surface OR \_\_\_\_ nwo hwo iC loguetry Comer Camp Arca WATER ANALYSIS AVAILABLE YES NO X \$0 \_\_\_\_\_ yhaaya 1 Yes Pu No CORNEL CUTTINGS SHOULD BE SOLLECTED AT 10 FOOT INTERVALS THESE SAMPLES MAY BE SURPER TO OFFICE EXPRESS COLLECT SAMPLE BAGS ARE FURNISHED FREE OF LHARS UPON REQUEST