INTERVAL SHEET

WWCR - 45

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Date rec'd: September 12, 1966

PROP: National Park Service (Shenandoah)

(Big Meadows #3, Site E-1)

COMP: Frank W. Martin

COUNTY: Madison

VDMR Well No: 1701

Sample Interval: from 0 to 100

Number of samples: 20

Total Depth: 100

Oil or Gas: Water: X Exploratory:

		-	
From-To	From-To	From-To	From-To
0 - 5	_	_	-
5 - 10	_	_	
10 - 15	_	_	_
	_	_	_
15 - 20	_	_	_
20 25			
25 _ 30	_	_	_
30 - 35	_	_	_
35 - 40	_	_	_
40 - 45	_	_	_
45 - 50	_	-	_
45 50			
50 - 55	_	_	_
55 - 60	2	_	_
60 - 65	_	_	_
	_	_	_
65 - 70	_	_	_
70 - 75			
75 _ 80			
80 - 85	_	_	_
	_	_	_
85 - 90	-		_
90 - 95		_	
95 - 100	_	_	=
-	-	-	-
-	-	_	-
_	-	_	-
-	-	7 1	-
-	-	-	-
_	_	_	_
-	_	_	_
_	_	_	-
_	_	-	_
_	_	_	_

OWNER: National Park Service (Shenandoah)

(Big Meadows Test Hole #3, Site E-1)

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DRILLER: Frank W. Martin Drilling Company

COUNTY: Madison (Syria)

VDMR - 1701 WWCR -45 TOTAL DEPTH - 100 1

GEOLOGIC LOG

De	pth	in	F	е	et	

OVERBURDEN	(0-50)
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0 - 5	Fine Silty-Clay Loam - light yellow-brown with weathered			
fragments of metabasalt.				

- 5 10Metamorphosed Basalt - dark green, very fine-grained; some soil material present.
- 10 15Metamorphosed Basalt - weathered to reddish-brown; soft limonite coatings, trace of vein quartz.
- 15 20
- 20 25
- 11 25 - 30with dark green, very fine-grained hard meta-basalt.

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Clay - light reddish-brown; trace metamorphosed fragments of basalt.

- 30 35
- 35 40
- 40 45

- 45 50 Metamorphosed Basalt - dark green, very fine-grained, hard; with

CATOCTIN FORMATION (50-100)

- 50 55Metamorphosed Basalt - very dark-green or purple-green, very fine-grained; traces of epidote, quartz and jasper.
- 55-60
- 60 65
- 65 70
- 70 75

- 75 80

- with much vein quartz.

 - with much epidote, jasper and quartz.

quartz and epidote veins, and some light reddish-brown clay

80 - 85	Epidosite — green and purple, vessicular; epidote, jasper, quartz, and feldspar.
85 - 90	Epidosite — light green, very fine-grained, equigranular; with some jasper vessicules and quartz veins.
90 - 95	ii ii
95 - 100	III

GEOLOGIC SUMMARY

	Rock Unit	Age	
0 - 50	Overburden		
50 - 100	Catoctin Formation	Precambrian	?

Virginia Division of Mineral Resources Thomas M. Gathright - Geologist February 14, 1967