## INTERVAL SHEET

WWCR 148

age 1		VDMR WELL NO.: 1007		
Date 5-15-64		Sample	Interval: from 1	to 200
PROP: I. E. Cahill (Walnut Acres)  COMP: Moore and Thomas  COUNTY: Henry (Martinsville)  VDMR WELL NO. W-1007		Total Depth 204  Oil Gas Water X Exploratory  Cuttings X Core Other  Washed Sample Only		
- - -		1-10 10-20 20-30 30-40 40-50	-	
		50-60 60-70 70-80 80-90 90-100		-
- - - - -		100-110 110 <del>1</del> 20 120-130 130-140 140-150		
		150-160 160-170 170-180 180-190 190-200		-
-		-	-	-
-		- - -		-

OWNER: I. E. Cahill

DRILLER: Moore & Thomas COUNTY: Henry (Fieldale)

VDMR #1007 WWCR #148 TOTAL DEPTH: 204

## GEOLOGIC LOG

0-10	Overburden - reddish-brown clay with subrounded to angular, milky to clear quartz fragments and white mica flakes.
10-20	Weathered amphibolite - milky quartz, actinolite, biotite and minor feldspar.
20-30	As above - but saprolitic.
30-40	As above
40-50	Amphibolite - slight weathering (top of bedrock in this interval).
50-60	Amphibolite - milky quartz, actinolite, biotite, and minor feldspar.
60-70	As above with minor magnetite.
70-80	As above
80-90	As above
90-100	As above
100-110	As above
110-120	As above
130-140	As above, with variation in relative amounts of milky quartz, actinolite, mica, feldspar, magnetite, and pyrite.
140-150	As above
150-160	As above
160-170	As above
170-180	As above
180-190	As above

190-200

As above with iron-stained slickensides.

200-204

No sample

## GEOLOGIC SUMMARY

ROCK UNIT

AGE

Undifferentiated metasediments

Cambrian (?)

The rocks penetrated by this well are metasedimentary and amphibolite facies of the unit previously mapped as the Wissahickon formation.

Virginia Division of Mimeral Resources F. Fitzgerald, Geologist July 8, 1964