INTERVAL SHEET

WWCR: 303

Fe l of l	VDMR Well No: 2233			
Date rec'd: 9/5/68	Sample Interval: from $0$ to: $100^{10}$			
PROP: U. S. Dept. of Interior (Prince William Forest Park, Well #4) COMP: Sydnor Hydrodynamics, Inc.	Number of samples: 20			
	Total Depth: 100'			
COUNTY: Prince William (Triangle)	Oil or Gas: Water:XExploratory:			

From-To	From-To	From-To	From-To
0 - 5	-	-	-
5 - 10	-	<u>~</u>	-
··· 10 - 15	-	-	-
15 - 20	-	-	-
20 - 25	-	-	-
25 20			
25 - 30	-	-	-
30 - 35	-	-	-
35 - 40	-	-	-
40 - 45	-	-	-
45 - 50	-	-	-
50 - 55		_	_
55 - 60	-	-	-
60 - 65	. –	-	-
	-	-	-
65 - 70	-	-	-
70 - 75	-	-	-
75 - 80	_	_	_
	-	-	_
	-	-	-
85 - 90	=	-	-
90 - 95	-	-	-
95 - 100	-		-
		١	
-	-	-	-
<b>-</b> '		-	-
-	-	-	-
-		-	-
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-	-	-	• -
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-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples.

OWNER: U. S. Department of InteriorVDMR: 2233(Prince William Forest Park, Well #4)WWCR: 303DRILLER: Sydnor Hydrodynamics, Inc.TOTAL DEPTH: 100'COUNTY: Prince William (Triangle)TOTAL DEPTH: 100'

## GEOLOGIC LOG

## Depth in feet

 $\left( \begin{array}{c} \end{array} \right)$ 

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0-5	Saprolite — red-brown, weathered and iron-oxide stained; quartz, feldspar and clay; most fragments are subrounded, and the sample may be a fluvial or colluvial sand
5-10	tan; less weathered, trace of iron-oxide staining
10-15	Gneiss — light tan, phaneritic *, minor amounts of weathered and iron-oxide-stained grains; quartz and feldspar
15-20	Quartz-chlorite gneiss with chlorite schist — light gray- green, phaneritic *; quartz, feldspar and chlorite
20-25	Chlorite schist — dark green, phaneritic *, foliated; chlorite, quartz and feldspar
25-30	Quartz-chlorite gneiss with chlorite schist — gray-green, phaneritic *; quartz, chlorite and feldspar
30-35	11
35-40	11
40-45	11
45-50	11
50-55	Chlorite gneiss — greenish-gray, phaneritic to slightly aphanitic; micaceous; quartz,chlorite and feldspar
55-60	11
60-65	11
65-70	11
70-75	Biotite gneiss — dark gray, phaneritic; micaceous; quartz, biotite, feldspar, and trace of chlorite

OWNER:	U. S. Department of Interior (Prince William Forest Park, Well #4)	#2233
75-80	Chlorite gneiss — grayish-green, phaneritic to a micaceous; quartz, chlorite and feldspar	phanitic;
80-85	11	
85-90	п	
90-95	11	
95-100	П	

## GEOLOGIC SUMMARY

Rock Unit

Age

Paleozoic (?)

0-10 <sup>t</sup>	Saprol	ite			
10-100'	Mixed	gneiss	$\operatorname{and}$	schist	

\* Samples from these intervals were pulverized during drilling, prohibiting an accurate estimate of grain-size distribution.

> Virginia Division of Mineral Resources Robert G. Willson, Geologist September 5, 1968