INTERVAL SHEET

of 1

VDMR Well No: 1930

Date rec'd: 8/10/67

Sample Interval: from 0 to: 210

PROP: U. S. Army Engineers

Number of samples: 12

(Rudd's Creek #4)

Total Depth: 250

COMP: C. C. Powell

COUNTY: Mecklenburg

Oil or Gas: Water:X Exploratory:

From-To	From-To	From-To	From-To
0 _ 10			
10 - 20	<u> </u>		
20 - 30	3 -2	<u>.</u>	
30 - 40	71 -		_
No - Samples	o = .		-
60 - 70			
No _Samples	-		-
80 - 90	₩.	-	≅ 8
90 - 100	=:	=	
100 _ 110	-	220	-
110 _ 120			
120 _ 130	<u>-</u>	-	
No _Samples			uvi
150 _ 160		<u>-</u>	
No -Samples	_	_	-
200 _ 210	edit Vis	2507 2007	
i=:			The same
=	-	-	-
a - v =	- ^ - -	<u>-</u>	-
		- 100 milion	
() -	-	=	
2 =		-	
3 2		-	-
		-	
,_	-	-	
-	_		_
-	* =	_	-
-	_	□ #	_
;	-		
_			

All intervals have both washed and unwashed samples

OWNER: U. S. Corps of Engineers

(Rudd's Creek Well #4)

DRILLER: C. C. Powell & Sons, Inc.

COUNTY: Mecklenberg

VDMR: 1930 WWCR: 70 TOTAL DEPTH: 250

GEOLOGIC LOG

Depth in feet

SAPROLITIC GREENSTONE (0-20%)

0-10	Greenstone - weathered, pale greenish-gray; lustrous, aphanitic to very fine-grained, with pale-brown limonitic stains and minute disseminated (less than 0.05 mm), black magnetite and hematite grains (1-2%); chlorite, sericite, plagioclase and quartz			
10-20	Greenstone - greenish-gray; aphanitic and schistose; with disseminated calcite along cleavage and schistosity; disseminated (0.1 mm) magnetite and specular hematite in trace amounts			
VIRGILINA-TYPE GREENSTONE (20-250 ¹)				
20-30	u u			
30-40	TI .			
40-60	No samples			
60-70	Greenstone - greenish-gray; aphanitic and schistose; with dissemi- nated calcite along cleavage and schistosity; disseminated (0.1 mm) magnetite and specular hematite in trace amounts			
70-80	No sample			
80-90	Greenstone - greenish-gray; aphanitic and schistose; with disseminated calcite along cleavage and schistosity; disseminated (0.1 mm) magnetite and specular hematite in trace amounts			
90-100	with epidote, quartz and specular hematite			
100-110	TT.			
110-120	11			
120-130	rr .			
130-150	No samples			

OWNER: U. S. Corps of Engineers (Rudd¹s Creek Well #4) #1930 Greenstone - greenish-gray; aphanitic and schistose; with dissemi-150-160 nated calcite along cleavage and schistosity; disseminated (0.1 mm) magnetite and specular hematite in trace amounts 160-200 No samples 200-210 Greenstone - greenish-gray; aphanitic and schistose; with disseminated calcite along cleavage and schistosity; disseminated (0. 1 mm) magnetite and specular hematite in trace amounts; with epidote, quartz and specular hematite

210-250 No samples

Rock Unit

GEOLOGIC SUMMARY

	Rock Unit	Age
0-20	Saprolitic Greenstone	
*20-250	Virgilina-Type Greenstone:	Cambrian (?)
	propyllitized meta-	

* No samples from 40-60, 70-80, 130-150, 160-200, 210-250[‡]

Virginia Division of Mineral Resources Richard S. Good, Geologist September 6, 1967