## INTERVAL SHEET

Page1_			VDMR WELL NO. 830 WWCR # 48			
Date5	0/10/63		Sample Interv	val: from	0 to	130
PROP:	U.S. Gov't (Ivey Hill Well)		Total Depth_		135	
COMP:	Hickory Well Supply		Oil Gas	Water	X Explora	torv
COUNTY:	Mecklenburg		Cuttings X			
			caccings		other	
From-To	From-To	From-	Го			From-To
-	0 - 10 10 - 20 20 - 30 30 - 40 40 - 50	- - - -		Complete sampled	te set of d intervals	
	50 - 60 60 - 70 70 - 80 80 - 90 90 - 100	-		-		
	100 - 110				Ç.	
-	110 - 120	-		-	-	-
· _	120 - 130	-		_		-
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OWNER: U.S. Army Engineer District (Ivey Hill Well)
DRILLER: Hickory Well & Supply Co., Inc.
COUNTY: Mecklenburg (Clarksville) WWCR # 48 TOTAL DEPTH : 135 feet

VDMR # 830

## GEOLOGIC LOG

0-10	Overburden - weathered quartz and feldspar fragments with hematite stains
10-20	As above
20-30	Overburden - weathered quartz and feldspar fragments, traces of biotite
30-40	Overburden - weathered quartz and feldspar fragments, trace of biotite and some unweathered granite fragments (top of bedrock in this interval)
40-50	Granite - orthoclase and plagioclase feldspar, quartz, traces of biotite
50-60	As above
60-70	As above
70-80	Granodiorite - predominantly plagioclase feldspar and quartz, increase in biotite, some orthoclase feldspar, trace of muscovite and pyrite
80-90	Granodiorite - plagioclase feldspar, quartz, some biotite and orthoclase feldspar, traces of muscovite and pyrite
90-100	As above
100-110	As above
110-120	As above
120-130	As above
130-135	No sample

## GEOLOGIC SUMMARY

AGE

ROCK UNIT

Precambrian

Redoak granite

Virginia Division of Mineral Resources Laurence H. Gardner II - Geologist May 23, 1963