## INTERVAL SHEET

WWCR 114

Page	1		VDMR Well No.	.:Well No. 911		
Date	10/28/63		Sample Interv	val: from 0 to	180	
PROP:		County School	Total depth_	190		
COMP:	Board (Gold Hill #2)		OilGasWater_X_Exploratory			
COUNTY	Buckingham		Cuttings X	CoreOther		
VDMR	Well No: W-	911	Washed San	nples - none		
From-T			rom-To	270	From-To	
- "	0	- 10	-	~	-	
-	10	- 20	-	-	-	
		- 30	-	-	-	
-		- 40	-	-	_	
-	40	50	-	-	-	
1-1	50	- 60	_	_	_	
_		- 70	-		_	
-		- 80	-	-	-	
_	80		-	-	-	
-		100	-	-	-	
25.25	100	-110		_		
_		-120	_	-	_	
-		-130	_	_	-	
		-140	-	_	-	
-		150	-	-	-	
	150	-160	_	_		
_		-170	_	_	_	
_		-180	_	_	-	
-	180	190 No sample	-	-	-	
-	180	- 170 NO Sample	-	-	~	
-		_	_	_	-	
-		-	-	-	-	
-		-	-	-	-	
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OWNER: Buckingham Co. School Bd. (Gold Hill #2)

DRILLER: Falwell Well Corporation

COUNTY: Buckingham

110-120

120-130

VDMR #911 WWCR 114 TOTAL DEPTH: 190'

## GEOLOGIC LOG

	Overburden (0-10')				
	0-10	Overburden — light reddish brown, fine grained; sericite, clay, quartz, vein quartz.			
	Saprolite (10-90')				
	10-20	Saprolite — light yellowish brown, fine grained; vermiculite, sericite, clay, quartz, and traces of manganese wad.			
	20-30	Saprolite — medium reddish brown, fine grained; vermiculite, sericite, clay, quartz.			
	30-40	As above.			
	40-50	As above.			
	50-60	Saprolite — light olive-brown, fine grained; clay, vermiculite, quartz, sericite.			
	60-70	As above.			
	70-80	As above.			
	80-90	Saprolite — light reddish brown, fine grained; vermiculite, sericite, clay, quartz.			
Arvonia Formation ? (90-180')					
	90-100	Slate - gray, fine to medium grained; quartz, feldspar, sericite, traces of graphite pigment. (X-ray analysis: Quartz 35%, muscovite 20%, biotite 20%, chlorite 15%, plagioclase 10%).			
	100-110	As above.			

Schist — greenish gray, medium grained; quartz, feldspar, chlorite, biotite, minor magnetite.

As above.

As above.

OWNER:	Buckingham Co. School Bd. (Gold Hill #2)	#9	11
140-150	Slate — gray, fine to medium grained; sericite, traces of graphite pigment.	quartz,	feldspar,
150-160	As above.		
160-170	As above.		
170-180	As above.		
180-190	No sample.		

## GEOLOGIC SUMMARY

	ROCK UNIT	AGE
0-10	Overburden	Recent
10-90	Saprolite	Ordovician
90-180	Arvonia Formation(?)	Ordovician
180-190	No sample	

Virginia Division of Mineral Resources Villard S. Griffin, Jr., Geologist July 29, 1964