## INTERVAL SHEET

Page_	1						9	VDMR V	Well No	.: Well I	No. 914		WCK 116
Date	10/29/63	3		_			3	Sample	e Inter	val: from	n0	_to_	140
PROP: Buckingham County School							9	Total	depth_	140			
COMP:	Panel (Cald 1911 #5)					OilGasWater_X_Exploratory							
COUNTY:Buckingham							(	Cuttir	ngsX	Core	Othe	r	
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OWNER: Buckingham Co. School Board (Gold Hill #5)

DRILLER: Falwell Well Corporation

COUNTY: Buckingham

VDMR #914 WWCR#116 TOTAL DEPTH: 140'

## GEOLOGIC LOG

Overburden (0-70')							
0-10	Overburden - light olive-brown, fine grained; sericite, clay, quartz.						
10-20	As above.						
20-30	As above.						
30-40	As above.						
40-50	As above.						
50-60	As above. (X-ray analysis: Quartz 25%, muscovite 30%, plagioclase 15%, kaolinite 5%, dolomite 5%, biotite 20%).						
60-70	Overburden - light olive-brown, fine grained; sericite, quartz, clay.						
Arvonia Formation (7	'0-140')						
70-80	Slate - gray, fine to medium grained; quartz, feldspar, sericite, traces of graphite pigment.						
80-90	As above.						
90-100	As above.						
100-110	Slate — gray, fine to medium grained; quartz, feldspar, sericite, traces of graphitic pigment (By petrographic examination), trace of weathering.						
110-120	As above (with minor vein quartz).						
120-130	As above (some weathering).						
130-140	As above.  GEOLOGIC SUMMARY						
	ROCK UNIT	AGE					
0-70 70-140	Overburden Arvonia Formation (?)	Ordovician					

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