INTERVAL SHEET

WWCR 168

Page	1			VDMR V	WELL NO.:	Well No. 11	W W CR 108	_
Date	10/13/64			Sample	e Interval:	from(to 200	
PROP: Amherst Co. School Bd. (Central High School) COMP: Falwell COUNTY: Amherst (Amherst)				Total	Depth 2	00		
				Oil	Gas	Water_X	Exploratory	
				Cuttir	ngs <u>X</u>	CoreO	ther	
VDMR								
From-To	o From-To	Fr	ash om-	ed samp To	ples From	n-To	From-To	
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		20	_	30				
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		60	_	70	_			
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		110	-	120			-	
	-	120	-	130	_	•	_	
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		140	-	150		*	-	
-		150	-	160			-	
-	-	160	-	170		•	-	
-		170	-	180			=	
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OWNER: Amherst County School Board

TENANT: Central High School

DRILLER: Kinkle Campbell (Falwell)

COUNTY: Amherst (Amherst)

VDMR #1148 WWCR #168 TOTAL DEPTH: 2001

GEOLOGIC LOG

0-10	Overburden - white and light brown shiny large pieces coarse vein quartz and medium grained quartz, feldspar, biotite, and hornblende, iron oxides, clays, minor magnetite.
10-20	As above.
20-30	As above - less oxide and clay.
30-40	As above.
40-50	Weathered Gneiss - light brown and medium gray, medium grained, quartz, feldspar, biotite, hornblende, muscovite, minor magnetite.
50-60	Biotite Gneiss - dark gray and medium gray, medium grained, well foliated, biotite, quartz, plagioclase (oligoclase), minor calcite, epidote, splene, and pyrite slight alteration, X-ray examination shows the presence of major pyroxene.
60-70	As above.
70-80	As above - with actinolite in certain layers.
80-90	Biotite Gneiss - dark gray and medium gray, medium grained quartz, biotite, plagioclase, minor pyrite, actinolite, epidote, and calcite, with veins of quartz and chlorite, X-ray examination show the presence of pyroxene.
90-100	As above - with calcite crystals to 1/2-inch.
100-110	As above - no large calcite.
110-120	As above.
120-130	Biotite Gneiss - dark gray, medium grained, biotite, quartz, plagioclase, calcite, and minor pyrite and actinolite, with vein quartz.

OWNER: Amherst County School Board (Central High School) Continued					
130-140	Biotite Gneiss - medium gray, medium grained, quartz, biotite, potash feldspar, plagioclase, minor calcite, and pyrite.				
140-150	As above.				
150-160	As above - minor garnet.				
160-170	As above.				
170-180	Biotite Gneiss - medium gray, medium grained quartz, biotite, feldspar, minor calcite, and pyrite.				
180-190	Biotite Gneiss - light to medium gray, medium grained, quartz, potash feldspar, plagioclase (calcic oligoclase), minor epidote, and pyrrhotite.				
190-200	As above - slightly more biotite.				

GEOLOGIC SUMMARY

ROCK UNIT AGE

Lynchburg Precambrian

Virginia Division of Mineral Resources Hollis N. Walker, Geologist October 23, 1964