INTERVAL SHEET

0					
Page 1			VDMR Well No.:	609	
- Date 12-5	-61		Sample Interval:	fromto258	
PROP: Tow	n of Keysville		Total depth258		
Well #10 COMP: Sydnor			OilGasWaterx_Exploratory		
COUNTY: Char	lotte		CuttingsCore	Other	
		WAS	SHED SAMPLES - Only		
From-To	From-7		From-To	From-To	From-To
and a	0 -	5		-	
-	10 -		-		- 849
-	15 -	75		-	145
-	25 <b>-</b> 75 <b>-</b>	<u>150</u>	_	-	4300 963
-		160	<b>L</b> 0	-	-
-	160 - 165 -			100 100	
-	170 -				
	175 -				-
-	180 -		100	- 641	
	185 -		-		
	190 -		and a	-	Kan
-	195 - <u>200</u> -		-		jan j
	200 -			-	69
-	205 -		-	-	-
**	210 -		-		-
	210 -	213	-		839 8
-	213 - 218 -	218		-	
-	218 -	223	83 8		64 -
-	223 -	228	***	-	***
-		233	-		ta
-	238 -		-	-	600
-	243 - 248 -				
- 1712	270 -		-	-	1.08
	253 -		100	ana.	- Const
0-	258 -				96.8
0	-			60 50	-
-	-		Lat.	-	

OWNER:	Town of Keysville No. 10	VDMR # 609
DRILLER:	Sydnor Pump & Well Co.	WWCR # 173
COUNTY:	Charlotte (Keysville)	TOTAL DEPTH : 258

## GEOLOGIC LOG

0-5	Overburden - very fine tan sand and clay, poorly sorted quartz grains
10	Overburden - brown clay with poorly sorted quartz gains
15	Mica schist - weathered, brown, some quartz and magnetite
25-75	As above
75-100	Mica schist - brown, weathered, interbedded with some mica- chlorite schist and milky quartz veins, some magnetite, calcite, and traces of feldspar (top of bedrock in this interval)
150-160	Mica chlorite schist - some quartz fragments and magnetite
165	As above
170	As above
175	Quartz mica gneiss - some potash feldspar and traces of chlorite schist and magnetite
180	As above
185	As above
190	As above
195	As above
200	Granite gneiss - considerable potash feldspar, some quartz and mica
205	Quartz mica gneiss - interbedded with sericite schist and chlorite
210	As above
210-213	As above
213-218	As above

218-223	Mica chlorite schist - veins of calcite and traces of quartz
223-228	As above
228-238	As above
238	Quartz mica gneiss - potash feldspar, chlorite, calcite and traces of andesite
243	As above
248	Andesite - considerable quartz, some feldspar, and traces of epidote and chlorite
258	As above

Town of Keysville No. 10 (continued)

OWNER:

GEOLOGIC SUMMARY

AGE

## ROCK UNIT

Precambrian?

Mixed gneisses and schists

#609

Virginia Division of Mineral Resources Laurence H. Gardner II - Geologist March 12, 1963