

INTERVAL SHEET

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VDMR Well No.: 608

Date 12/4/61

Sample Interval: from 5 to 395

PROP: Town of Keysville Well #9

Total depth 395

COMP: Sydnor

Oil Gas Water Exploratory

COUNTY: Charlotte

Cuttings Core Other

WASHED SAMPLES - ONLY

From-To	From-To	From-To	From-To	From-To
-	5-	155-	<u>300-</u>	-
-	10-	160-	305-	-
-	15-	165-	310-	-
-	20-	170-	315-	-
-	25-	175-	320-	-
-	30-	180-	325-	-
-	35-	185-	330-	-
-	40-	190-	335-	-
-	45-	192-	340-	-
-	50-	195-	345-	-
-	55-	<u>200-</u>	350-	-
-	60-	205-	355-	-
-	65-	210-	360-	-
-	70-	215-	365-	-
-	75-	220-	370-	-
-	80-	225-	375-	-
-	85-	230-	380-	-
-	90-	235-	385-	-
-	95-	240-	390-	-
-	<u>100-</u>	245-	395-	-
-	105-	250-	-	-
-	110-	255-	-	-
-	115-	260-	-	-
-	120-	265-	-	-
-	125-	270-	-	-
-	130-	275-	-	-
-	135-	280-	-	-
-	140-	285-	-	-
-	145-	290-	-	-
-	150-	295-	-	-

OWNER: Town of Keysville Well No. 9
DRILLER: Sydnor Pump & Well Co.
COUNTY: Charlotte (Keysville)

VDMR # 608
WWCR # 172
TOTAL DEPTH : 395 feet

GEOLOGIC LOG

5	Overburden - weathered iron stained quartz fragments and clay
10	Overburden - red to tan clay and poorly sorted quartz grains
15	Overburden - red to tan clay, poorly sorted quartz grains, and considerable magnetite
20	As above
25	As above
30	As above
40	As above
45	As above
50	Overburden - red to tan silty clay, poorly sorted quartz grains, considerable mica and magnetite
55	As above
60	Schist - weathered, red to brown, micaceous, some quartz and magnetite, trace of goethite (limonite)
65	As above
70	As above
75	As above
80	Schist - weathered, red to tan, micaceous, some quartz and magnetite
85	As above
90	As above
95	As above
100	As above

105	As above
110	As above
115	As above
120	Schist - weathered, micaceous, red to brown, some sericitic phyllite, quartz fragments and magnetite
125	As above
130	Schist - weathered, silvery to tan, micaceous with some sericitic phyllite, numerous quartz and magnetite fragments, traces of limonite
135	Phyllite - weathered, light tan to silvery, sericitic, some quartz and magnetite fragments, trace of limonite
140	As above
145	As above
150	Mica schist - trace of garnet, calcite, magnetite, and feldspar, some quartz (top of bedrock in this interval)
155	Mica schist - relatively hard, with some large calcite veins, some quartz and magnetite, traces of garnet
160	As above
165	As above
170	Mica - chlorite schist - some calcite, magnetite, and quartz, trace of pyrite
175	As above
180	As above
185	As above
190	Mica - chlorite schist - considerable quartz and magnetite, some calcite
195	As above
200	As above

205	As above
210	As above
215	As above
220	Mica - chlorite schist - some quartz and magnetite, considerable calcite
225	As above
230	Mica - chlorite schist - large amount of milky quartz, some calcite and magnetite
235	As above
240	Mica - chlorite schist - some calcite and magnetite, considerable quartz, trace of sericitic phyllite
245	As above
250	Mica - chlorite schist - some quartz and magnetite, trace of calcite
255	As above
260	As above
265	As above
270	As above
275	As above
280	As above
285	As above
290	As above
295	Mica - chlorite schist - some milky quartz and magnetite, trace of zircon
300	As above
305	As above
310	As above

315	Mica - chlorite schist - some green quartz and magnetite, trace of calcite
320	As above
325	As above
330	As above
335	As above
340	As above
345	As above
350	As above
355	As above
360	As above
365	As above
370	As above
375	As above
380	As above
385	Mica - chlorite schist - some calcite veins, magnetite, and quartz, trace zircon
390	As above
395	As above

GEOLOGIC SUMMARY

<u>AGE</u>	<u>ROCK UNIT</u>
Precambrian?	Weathered schist and phyllite (0-150')
"	Mica schist (150-170')
"	Mica - chlorite schist (170-395')

Virginia Division of Mineral Resources
 Laurence H. Gardner II - Geologist
 March 8, 1963