INTERVAL SHEET

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Date 11/24/61

PROP: Town of Keysville Well #8

COMP: Sydnor

COUNTY: Charlotte

VDMR Well No.: 606

Sample Interval: from 5 to 400

Total depth 400

Oil ____ Gas ____ Water X Exploratory ____

Cuttings X Core ____ Other ____

From-To	Washed Samples From-To	Washed Samples From-To	Washed Samples From-To	From-To
-	5-	170-	320-	-
-	10-	175-	325-	-
-	15-	180-	-	-
-	20-	185-	-	-
-	25-	190-	-	-
-	30-	195-	340-	-
-	35-	200-	345-	-
-	40-	205-	350-	-
-	45-	210-	355-	-
-	50-	215-	360-	-
-	55-70	220-	365-	-
-	-	225-	370-	-
-	-	230-	375-	-
-	-	235-	380-	-
-	-	240-	385-	-
-	95-	245-	390-	-
-	100-	250-	395-	-
-	105-	255-	400-	-
-	110-	260-	-	-
-	115-	265-	-	-
-	120-	270-	-	-
-	125-	275-	-	-
-	130-	280-	-	-
-	135-	285-	-	-
-	140-	290-	-	-
-	145-	295-	-	-
-	150-	300-	-	-
-	155-	305-	-	-
-	160-	310-	-	-
-	165-	315-	-	-

OWNER:	Town of Keysville # 8	VDMR # 606
DRILLER:	Sydnor Pump & Well Co.	WWCR # 171
COUNTY:	Charlotte Co. (Keysville)	Depth: 400'

SAMPLE EXAMINATION
(washed)

0-1	Soil
1-5	Brownish-red slightly sandy clay.
10	Light reddish-brown slightly sandy micaceous clay with minor clumps of fine-grained white sand.
15	Orangish-brown sandy micaceous clay with minor clumps of fine white sand.
20	Brown sandy micaceous clay
25	Light tan sandy micaceous clay with small fragments of schist
30	Brownish-tan sandy micaceous clay with small fragments of schist.
35	Yellowish brown sandy micaceous clay with small fragments of schist.
40	Same as above
45	Same as above
50	Same as above
50-70	Same as above.
70-90	No samples
90-95	Quartz biotite (vermiculite) schist with pyrite, magnetic, quartz grains up to 4mm., subangular to subrounded-weathered zone.
95-100	Same as above with metallic minerals-weathered zone magnetite.
100-105	Same as above.

105-110	Quartz-biotite-chlorite schist to gneiss, fine grained-originally fine-grained sandy shale with minor impure sand lenses. - fresh rx.
110-115	Same as above-grains of quartz up to 4 or 5 MM., magnetite octahedrons.
115-120	Same as above.
120-125	Same as above.
125-130	Same as above
130-135	Same as above
135-140	Same as above
140-145	Same as above
145-150	Same as above
150-155	Same as above
155-160	Same as above
160-165	Same as above
165-170	Same as above
170-175	Same as above
175-180	Same as above
180-185	Same as above, small slickenside.
185-190	Same as above, slight increase in biotite.
190-195	Same as above, decrease in biotite to average.
195-200	Same as above
200-205	Same as above
205-210	Same as above
210-215	Same as above
215-220	Same as above
220-225	Same as above

225-230	Same as above.
230-235	Same as above.
235-240	Same as above.
240-245	Same as above
245-250	Same as above, more chlorite than average.
250-255	Same as above.
260	Same as above.
265	Same as above.
270	Same as above.
275	Same as above.
280	Same as above.
285	Same as above.
290	Same as above.
295	Same as above.
300	Same as above.
305	Same as above.
310	Same as above.
315	Same as above, minor slickensides.
320	Same as above.
325	Same as above.
325-335	No samples.
340	Quartz - biotite - chlorite schist with grains of chloritic quartzite.
345	Quartz - biotite - chlorite schist to gneiss.
350	Same as above
355	Same as above

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360	Same as above
365	Same as above with some rose quartz.
370	Same as above.
375	Same as above.
380	Same as above.
385	Same as above, high in milky quartz.
390	Same as above, high in milky quartz.
395	Same as above, high in milky quartz.
400	Same as above, high in milky quartz.

GEOLOGIC SUMMARY

0-85	Sandy clay
85-110	Weathered schist to gneiss - 2 gpm at 112'
110-190	Schist, small fracture 185 to 190' - 1 gpm at 190'-
195-400	Schist, small fracture at 315 '.

REMARKS

Well # 8 is in the same rock material for the total depth drilled. It was called Aaron slate by Laney in the Virgilina report, and aporhyolite on the 1928 state map. The rock being drilled is a quartz-biotite-chlorite schist to gneiss consisting primarily of quartz and containing magnetite, pyrite and probably minor epidote group minerals as accessories. Neither of the early names appears applicable.

Date Started: 11/8/61 Date Completed 11/14/61
Diameter: 9" from 0-106
5" from 106-400
Bed Rock At: 85'

Abandoned and plugged 11/14/61. Discharge of well was 3 gallons per minute. S. W. L. -29'

VIRGINIA DIVISION OF MINERAL RESOURCES
H. R. Hopkins
November 15, 1961