INTERVAL SHEET

WWCR 895

Page 1

VDMR Well No.: Well No. 928

Date 12-10-63

Sample Interval: from 0 to 450

PROP: University of Virginia, Exp. (J. L. Davis) Sta. Well #1

COMP: C. R. Moore

Total depth 450

Oil ___ Gas ___ Water X Exploratory ___

COUNTY: Albemarle (Charlottesville)

Cuttings X Core ___ Other ___

VDMR Well No: W-928

Washed samples - only

From-To	From-To	From-To	From-To	From-To
-	-	0 - 10	300 - 310	-
-	-	10 - 20	310 - 320	-
-	-	20 - 30	320 - 330	-
-	-	30 - 40	330 - 340	-
-	-	40 - 50	340 - 350	-
-	-	50 - 60	350 - 360	-
-	-	60 - 70	360 - 370	-
-	-	70 - 80	370 - 380	-
-	-	80 - 90	380 - 390	-
-	-	90 - 100	390 - 400	-
-	-	100 - 110	400 - 410	-
-	-	110 - 120	410 - 420	-
-	-	120 - 130	420 - 430	-
-	-	130 - 140	430 - 440	-
-	-	140 - 150	440 - 450	-
-	-	150 - 160	-	-
-	-	160 - 170	-	-
-	-	170 - 180	-	-
-	-	180 - 190	-	-
-	-	190 - 200	-	-
-	-	200 - 210	-	-
-	-	210 - 220	-	-
-	-	220 - 230	-	-
-	-	230 - 240	-	-
-	-	240 - 250	-	-
-	-	250 - 260	-	-
-	-	260 - 270	-	-
-	-	270 - 280	-	-
-	-	280 - 290	-	-
-	-	290 - 300	-	-

OWNER: University of Virginia, Experimental Station Well #1 VDMR #928
(J. L. Davis) WWCR#895
DRILLER: C. R. Moore TOTAL DEPTH: 450'
COUNTY: Albemarle (Charlottesville)

GEOLOGIC LOG

0-10	Metamorphosed Basalt — medium-gray, slightly greenish, fine-grained, chlorite, actinolite, epidote, biotite, and minor quartz.
10-20	Metamorphosed Basalt — medium-gray, slightly greenish, very-fine-grained; (X-ray examination: 30% each quartz and chlorite, 20% each amphibole and biotite); minor calcite present.
20-30	As above.
30-40	As above — very minor vein of calcite.
40-50	Metamorphosed Basalt — medium-gray, fine-grained, chlorite, epidote, and biotite.
50-60	As above.
60-70	Metamorphosed Basalt — medium-dark-gray, very-fine-grained.
70-80	As above — minor calcite.
80-90	As above.
90-100	As above.
100-110	Metamorphosed Basalt — medium-dark-gray, very-fine-grained, chlorite, epidote, biotite, minor calcite.
110-120	As above.
120-130	As above — with minor pyrite.
130-140	As above — with minor pyrite and quartz vein.
140-150	Metamorphosed Basalt — medium-dark-gray, very-fine-grained, chlorite, epidote, biotite; minor quartz, calcite, and epidote veins.
150-160	As above.
160-170	As above — no quartz vein.
170-180	As above — no calcite vein, with quartz vein and minor pyrite.

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180-190	Metamorphosed Basalt — medium-dark-gray, very-fine-grained, chlorite, epidote, biotite, minor calcite, and quartz veins, minor pyrite.
190-200	As above — no calcite or quartz.
200-210	Metamorphosed Basalt — medium-dark-gray, very-fine-grained; (X-ray examination: 30% biotite, 25% chlorite, 25% quartz, 20% amphibole); vein calcite and quartz; minor pyrite.
210-220	As above — no pyrite, calcite-epidote vein.
220-230	As above.
230-240	As above — no veins.
240-250	Metamorphosed Basalt — dark-gray, very-fine-grained, chlorite, epidote, and biotite.
250-260	As above — more epidote.
260-270	As above.
270-280	As above — with minor calcite.
280-290	Metamorphosed Basalt — dark-gray, very-fine-grained, minor vein epidote and calcite.
290-300	As above — sericite on fractures.
300-310	Metamorphosed Basalt — medium-gray, fine-grained, chlorite, epidote, biotite, minor quartz, and calcite.
310-320	Metamorphosed Basalt — dark-gray, very-fine-grained.
320-330	As above.
330-340	Metamorphosed Basalt — medium-gray, fine-grained, chlorite, biotite, epidote; minor quartz, and calcite veins.
340-350	As above.
350-360	As above.
360-370	Metamorphosed Basalt — medium-gray, fine-grained, chlorite, biotite, epidote, minor calcite, and quartz veins.
370-380	As above.

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380-390	Metamorphosed Basalt — medium-gray, fine-grained, chlorite, biotite, epidote, minor calcite and quartz veins; with pyrite.
390-400	As above.
400-410	Metamorphosed Basalt — medium-gray, very-fine-grained, minor vein quartz, very minor calcite and pyrite.
410-420	Metamorphosed Basalt — brown-gray, fine-grained, chlorite, epidote, biotite, quartz; some iron oxidation products.
420-430	As above.
430-440	Metamorphosed Basalt — medium-gray, fine-grained, chlorite, biotite, epidote, very fine calcite veins, (X-ray examination: 45% chlorite, 20% amphibole, 20% quartz, 15% biotite.
440-450	Metamorphosed Basalt — dark-gray, very-fine-grained, minor quartz and calcite veins; minor pyrite.

GEOLOGIC SUMMARY

ROCK UNIT	TIME ROCK UNIT
Catoctin Formation	Upper Precambrian ?

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
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