

INTERVAL SHEET

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VDMR Well No.: 1208 WWCR 941

Date 1/6/65

Sample Interval: from 22 to 300

PROP: University of Va., Exp. Sta. #3 Total depth 300'

COMP: C. R. Moore Oil ___ Gas ___ Water X Exploratory ___

COUNTY: Albemarle (Renovia) Cuttings X Core ___ Other ___

VDMR Well No: W-1208

Washed Samples

From-To	From-To	From-To	From-To	From-To
-	-	0 - 22	no samples	-
-	-	22 - 30		-
-	-	30 - 40		-
-	-	40 - 50		-
-	-	50 - 60		-
-	-	60 - 70		-
-	-	70 - 80		-
-	-	80 - 90		-
-	-	90 - 100		-
-	-	100 - 110		-
-	-	110 - 120		-
-	-	120 - 130		-
-	-	130 - 140		-
-	-	140 - 150		-
-	-	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, Experiment Station Well #3

VDMR 1208

DRILLER: C. R. Moore

WWCR 941

COUNTY: Albemarle (Charlottesville)

TOTAL DEPTH: 300'

GEOLOGIC LOG

- 0- 22 No samples
- 22- 30 Greenstone - dark-greenish-gray, fine-grained; chlorite, epidote, quartz, amphibole, feldspar, calcite; abundant vein of and replacement by calcite, quartz, and epidote; minor pyrite and magnetite.
- 30- 40 As above.
- 40- 50 As above.
- 50- 60 Greenschist - very-dark-greenish-gray, medium-fine-grained, slight foliation; chlorite, epidote, feldspar, amphibole, minor euhedral magnetite; veins of and replacement by calcite, quartz, stilpnomelane and zeolites.
- 60- 70 As above - less magnetite, a portion of this sample is not foliated.
- 70- 80 Greenstone - dark-greenish-gray, fine-grained; chlorite, epidote, amphibole; minor vein quartz and calcite; traces specular hematite, biotite, magnetite.
- 80- 90 As above - trace pyrite, no hematite.
- 90-100 As above - with veins of quartz and calcite over one inch wide.
- 100-110 Greenstone - dark-greenish-gray, fine-to very-fine-grained, chlorite, epidote, amphibole; veins of and replacement by calcite, quartz and epidote; minor pyrite; trace slickensides.
- 110-120 Greenschist - dark-greenish-gray, fine-grained, slight foliation; chlorite, epidote, amphibole; minor pyrite and euhedral magnetite; veins of and replacement by calcite, quartz and epidote.

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- 120-130 Greenstone - dark-greenish-gray, fine-grained; chlorite, epidote, amphibole magnetite; minor pyrite; veins of and replacement by fine-grained calcite and quartz.
- 130-140 As above - slightly less calcite and quartz.
- 140-150 As above.
- 150-160 As above.
- 160-170 Greenschist - very-dark-greenish-gray, medium-fine-grained, slight foliation; chlorite, epidote, minor hornblende; veins of and replacement by calcite, quartz, and epidote; trace of pyrite and magnetite.
- 170-180 Greenstone - dark-greenish-gray, fine-grained; chlorite, epidote, amphibole, minor pyrite; minor vein calcite and quartz.
- 180-190 As above - minor portion foliated.
- 190-200 As above - no foliation, one cavity filled with epidote, quartz and chlorite.
- 200-210 Greenschist - very-dark-greenish-gray, medium-fine-grained, slight foliation; chlorite, epidote, plagioclase; vein of and replacement by calcite and quartz.
- 210-220 Greenstone - dark-greenish-gray to blackish-green, fine-grained; chlorite, epidote, amphibole, feldspar, minor pyrite; minor vein of and replacement by calcite and quartz.
- 220-230 As above - slightly lighter.
- 230-240 Greenstone - dark-greenish-gray, fine-grained to medium-fine-grained, slight foliation in part; chlorite, epidote, amphibole; minor vein of and replacement by calcite, quartz and epidote; minor pyrite.
- 240-250 As above - slightly darker.
- 250-260 As above.

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- 260-270 Greenstone - dark-greenish-gray, fine-grained; chlorite, epidote, amphibole; very minor veins of and replacement by calcite and epidote.
- 270-280 Greenschist - dark-greenish-gray, medium-fine-to fine-grained, slightly foliated; chlorite, epidote, amphibole; vein of calcite, epidote and quartz and very minor replacement by these vein minerals.
- 280-290 Greenstone - dark-greenish-gray, fine-grained; chlorite, epidote and amphibole; minor replacement by quartz, calcite and epidote; minor pyrite.
- 290-300 As above.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
22-300	Catoctin Formation	Precambrian ?

Virginia Division of Mineral Resources
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