

INTERVAL SHEET

WWCR 940

Page 1

VDMR Well No.: Well No. 1206

Date 1-5-65

Sample Interval: from 35 to 450

PROP: U. of Va., Exp. Sta.
Well #2

Total depth 453

COMP: C. R. Moore

Oil Gas Water Exploratory

COUNTY: Albemarle (Charlottesville) Cuttings Core Other

VDMR Well No: W-1206

Washed samples

From-To	From-To	From-To	From-To	From-To
-	-	0 - 35	No sample	-
-	-	35 -	335 -	-
-	-	45 -	345 -	-
-	-	55 -	355 -	-
-	-	65 -	365 -	-
-	-	75 -	375 -	-
-	-	85 -	385 -	-
-	-	95 -	395 -	-
-	-	105 -	405 -	-
-	-	115 -	410 -	-
-	-	125 -	420 -	-
-	-	135 -	430 -	-
-	-	145 -	440 -	-
-	-	155 -	450 -	-
-	-	165 -	450 - 453	No sample -
-	-	175 -	-	-
-	-	185 -	-	-
-	-	195 -	-	-
-	-	205 -	-	-
-	-	215 -	-	-
-	-	225 -	-	-
-	-	235 -	-	-
-	-	245 -	-	-
-	-	255 -	-	-
-	-	265 -	-	-
-	-	275 -	-	-
-	-	285 -	-	-
-	-	295 -	-	-
-	-	305 -	-	-
-	-	315 -	-	-
-	-	325 -	-	-

OWNER: University of Virginia Exp. Sta. #2
DRILLER: C. R. Moore
COUNTY: Albemarle (Charlottesville)

VDMR #1206
WWCR #940
TOTAL DEPTH: 453

GEOLOGIC LOG

- 0-35 No samples.
- 35 Greenstone - gray, with greenish cast, very-fine-grained; feldspar (plagioclase), chlorite, magnetite, and some quartz; some veinlets of calcite and reddish quartz (red color imparted by crowded acicular inclusions of rutile).
- 45 Greenstone - gray, fine-grained; feldspar (plagioclase), chlorite, magnetite, and some quartz; some veinlets of calcite, scattered patches of oxidized iron and manganese minerals.
- 55 Greenstone - gray, with greenish cast; fine-grained; plagioclase, chlorite, magnetite and some quartz; some veins of carbonate and silica.
- 65 As above.
- 75 Greenstone - gray, with purple cast; fine-grained; plagioclase, chlorite, magnetite, and some quartz; veins of pink carbonate (dolomite?); abundant veins and amygdules filled with a pale green zeolite.
- 85 Greenstone - gray, with greenish cast; fine-grained; plagioclase, chlorite, magnetite, and quartz; veins contain carbonate, silica, pyrite, pyrrhotite, and epidote.
- 95 As above.
- 105 Greenstone - gray, with greenish cast; fine-grained; plagioclase, chlorite, magnetite, and some quartz; some epidote and pyrite (as isolated, well-formed crystals on quartz); veins of quartz.
- 115 As above.
- 125 As above.
- 135 Greenstone - grayish-green; fine-grained; plagioclase, chlorite, magnetite, and some quartz; moderate amount epidote; small amount pyrite; veins of quartz and carbonate.

- 145 Greenstone - grayish-green; fine-grained; plagioclase, chlorite, magnetite, and some quartz; moderate amount epidote; small amount pyrite; veins of quartz and carbonate.
- 155 Greenstone - greenish-gray; fine-grained; plagioclase; chlorite, magnetite, and some quartz; small amounts epidote and pyrite; very few veins.
- 165 As above, but with scattered veins of red quartz (acicular inclusions of rutile).
- 175 Greenstone - greenish-gray; fine-grained; plagioclase, chlorite, magnetite, and some quartz; abundant epidote; some pyrite; veins of carbonate and quartz.
- 185 Greenstone - green; fine-grained; plagioclase, chlorite, epidote, magnetite, and some quartz; relatively wide veins of coarse-grained carbonate; some vein quartz; magnetite seams within carbonate veins.
- 195 As above, but with very little vein carbonate.
- 205 Greenstone - gray, with greenish cast; fine-grained; plagioclase, chlorite, magnetite; smaller amounts of quartz and epidote; abundant, coarse-grained vein carbonate; small amount pyrite.
- 215 Greenstone - dark-gray with greenish cast; fine-grained; plagioclase, chlorite, magnetite, and some quartz; small amounts epidote and vein carbonate; trace of pyrite.
- 225 As above.
- 235 As above.
- 245 Greenstone - gray, with greenish cast; plagioclase, chlorite, magnetite, and epidote; very abundant, very coarse, milky vein quartz; small amount pyrite; scattered carbonate veins.
- 255 Greenstone - grayish-green, olive, and purple; fine-grained; olive greenstone is intruded by purple metabasalt; both types are veined with calcite; purple basalt contains abundant pale green zeolite as vein and amygdule fillings; some pyrite in the green material, none in the purple.

- 265 Greenstone - green; fine-grained; plagioclase, epidote, chlorite, and some quartz; veined with quartz and calcite; relatively rich in epidote; some pyrite and magnetite.
- 275 As above.
- 285 Greenstone - gray, with greenish cast; fine-grained; plagioclase, chlorite, magnetite, and some quartz; small amount epidote; trace of pyrite; no veins.
- 295 As above.
- 305 As above.
- 315 As above.
- 325 As above, but with some veins of clear quartz.
- 335 Greenstone - gray, with greenish cast; plagioclase, chlorite, quartz, magnetite; some epidote; carbonate disseminated throughout rock.
- 345 Greenstone - grayish-green; fine-grained; plagioclase, chlorite, magnetite, and some quartz; moderate amount of epidote (localized); some vein quartz; trace of pyrite.
- 355 As above, but devoid of vein quartz.
- 365 Greenstone - greenish-gray; fine-grained; plagioclase, chlorite, magnetite, and some quartz; local concentrations of epidote and carbonate.
- 375 As above.
- 385 As above.
- 395 As above.
- 405 As above.
- 410 As above.

OWNER: University of Virginia Exp. Sta. #2

#1206

- 420 Greenstone - greenish-gray; fine-grained; plagioclase, chlorite, magnetite, and some quartz; local concentrations of epidote and carbonate.
- 430 As above.
- 440 As above.
- 450 As above.
- 450-453 No samples.

GEOLOGIC SUMMARY

<u>ROCK UNIT</u>		<u>TIME ROCK UNIT</u>
0-35	No samples	
35-450	Catoctin Formation	Precambrian
450-453	No sample	

Virginia Division of Mineral Resources
Robert H. Teifke - Geologist
January 12, 1965