

INTERVAL SHEET

WWCR: 989

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VDMR Well No: 1559

Date rec'd: 4-18-66

Sample Interval: from 150 to 680

PROP: Va. Greenhouse, Inc.
Well #2

Number of samples: 54

COMP: C. R. Moore

Total Depth: 700'

COUNTY: Albemarle (Critzers Shop)

Oil or Gas: Water: ~~X~~Exploratory:

From-To	From-To	From-To	From-To
No Samples	430 - 440	-	-
150 - 155	440 - 450	-	-
155 - 160	450 - 460	-	-
160 - 170	460 - 470	-	-
170 - 180	470 - 480	-	-
180 - 190	480 - 490	-	-
190 - 200	490 - 500	-	-
200 - 210	500 - 510	-	-
210 - 220	510 - 520	-	-
220 - 230	520 - 530	-	-
230 - 240	530 - 540	-	-
240 - 250	540 - 550	-	-
250 - 260	550 - 560	-	-
260 - 270	560 - 570	-	-
270 - 280	570 - 580	-	-
280 - 290	580 - 590	-	-
290 - 300	590 - 600	-	-
300 - 310	600 - 610	-	-
310 - 320	610 - 620	-	-
320 - 330	620 - 630	-	-
330 - 340	630 - 640	-	-
340 - 350	640 - 650	-	-
350 - 360	650 - 660	-	-
360 - 370	660 - 670	-	-
370 - 380	670 - 680	-	-
380 - 390	No Samples	-	-
390 - 400	-	-	-
400 - 410	-	-	-
410 - 420	-	-	-
420 - 430	-	-	-

All intervals have both washed and unwashed samples

OWNER: Virginia Greenhouse #2
DRILLER: C. R. Moore Drilling Corp.
COUNTY: Albemarle (Critzers Shop)

VDMR: 1559
WWCR: 989
TOTAL DEPTH: 700'

GEOLOGIC LOG

Depth in feet

0-150	No samples
150-155	Biotite-Chlorite Granite Gneiss - light-gray, holocrystalline, phaneritic, fine-to medium-grained; hypidiomorphic, shows evidence of being sheared; lineated, some foliation of micas, quartz, orthoclase and plagioclase feldspars, biotite (fine-grained to microcrystalline), blue quartz, chlorite (microcrystalline), and pyrite
155-160	"
160-170	"
170-180	"
180-190	"
190-200	" with increase in chlorite
200-210	"
210-220	"
220-230	"
230-240	" darker gray; more biotite, increase in shearing
240-250	" "
250-260	" "
260-270	" "
270-280	Biotite-Chlorite Granite Gneiss - dark-gray to gray; holocrystalline; phaneritic and aphanitic, fine-grained to microcrystalline, extremely sheared (almost a phyllonite), slickensides common; many rock chips have phyllitic to sub-phyllitic structure, others have granitic structure; aphanitic biotite, chlorite and muscovite, phaneritic quartz, orthoclase and plagioclase feldspars and blue quartz

280-290	Biotite-Chlorite Granite Gneiss - dark-gray to gray; holocrystalline; phaneritic and aphanitic, fine-grained to microcrystalline, extremely sheared (almost a phyllonite) slickensides common; many rock chips have phyllitic to sub-phyllitic structure, others have granitic structure; aphanitic biotite, chlorite and muscovite, phaneritic quartz, orthoclase and plagioclase feldspars and blue quartz
290-300	"
300-310	"
310-320	"
320-330	"
330-340	"
340-350	"
350-360	"
360-370	"
370-380	" with slight decrease of mica and chlorite, and slight increase in feldspar and quartz
380-390	" "
390-400	"
400-410	" with epidote
410-420	" "
420-430	" "
430-440	" "
440-450	Biotite-Granite-Gneiss - light-blue; holocrystalline, phaneritic, fine- to medium-grained, hypidiomorphic, sheared; clear quartz, orthoclase and plagioclase feldspars, biotite (microcrystalline), chlorite (microcrystalline), blue quartz, epidote, and pyrite

450-560	Biotite-Granite Gneiss - light-blue; holocrystalline, phaneritic, fine- to medium-grained, gypidiomorphic, sheared; clear quartz, orthoclase and plagioclase feldspars, biotite (microcrystalline), chlorite (microcrystalline), blue quartz, epidote and pyrite
460-470	"
470-480	"
480-490	"
490-500	"
500-510	"
510-520	" with increase in biotite and chlorite
520-530	" "
530-540	"
540-550	"
550-560	" more biotite and chlorite
560-570	" "
570-580	" "
580-590	" "
590-600	" "
600-610	" highly sheared; less feldspar
610-620	Biotite-chlorite Phyllonite - dark-gray; holocrystalline; aphanitic, microcrystalline; extremely sheared; phyllitic to sub-phyllitic structure; biotite, chlorite, quartz, feldspar and blue quartz
620-630	" light-gray, increase in quartz and feldspar
630-640	Gneiss - light-gray to gray; holocrystalline, phaneritic and aphanitic, highly sheared; quartz, orthoclase and plagioclase feldspars, biotite, chlorite, blue quartz, pyrite and pieces of phyllonite (?); as sample is ground to a coarse, angular sand no reliable rock classification is possible

640-650	Gneiss - light-gray to gray; holocrystalline, phaneritic and aphanitic, highly sheared; quartz, orthoclase and plagioclase feldspars, biotite, chlorite, blue quartz, pyrite, and pieces of phyllonite (?); as sample is ground to a coarse, angular sand no reliable rock classification is possible
650-660	"
660-670	" biotite and chlorite-rich fragments
670-680	"
680-700	No Samples

GEOLOGIC SUMMARY *

	<u>Rock Unit</u>	<u>Age</u>
0-150'	No Samples	
150-680'	" Marshall Formation "	Precambrian
680-700'	No Samples	

Virginia Division of Mineral Resources
 Robert G. Willson
 September 22, 1967

* Compare with 3048 & W#