

INTERVAL SHEET WWCR: 479

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VDMR Well No: 2242

Date rec'd: 9/16/68

Sample Interval: from 10 to: 370'

PROP: Hubert Cartwright (Ponderosa Park) Number of samples: 35

COMP: J. T. Kesler Drilling Co.

Total Depth: 370'

COUNTY: Roanoke (Starkey)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
10 -	310 -	-	-
20 -	320 -	-	-
30 -	330 -	-	-
40 -	340 -	-	-
50 -	-	-	-
60 -	360 -	-	-
70 -	370 -	-	-
80 -	-	-	-
90 -*	-	-	-
100 -	-	-	-
110 -	-	-	-
120 -	-	-	-
130 -	-	-	-
140 -	-	-	-
150 -	-	-	-
160 -	-	-	-
170 -	-	-	-
180 -	-	-	-
190 -	-	-	-
200 -	-	-	-
210 -	-	-	-
220 -	-	-	-
230 -	-	-	-
240 -	-	-	-
250 -	-	-	-
260 -	-	-	-
270 -	-	-	-
280 -	-	-	-
-	-	-	-
300 -	-	-	-

* Unwashed sample only.

OWNER: Hubert Cartwright (Ponderosa Park)
DRILLER: J. T. Kesler Drilling Company
COUNTY: Roanoke (Starkey)

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TOTAL DEPTH: 370'

GEOLOGIC LOG

Depth in feet

10	Saprolite — brown, weathered and iron-oxide stained; quartz and feldspar, with traces of garnet and mica; clay
20	"
30	"
40	"
50	"
60	"
70	"
80	"
90	" some fresh pieces of metamorphosed basalt
100	Metamorphosed basalt — dark blue-gray, aphanitic, sheared, slightly fissile to fissile, (X-ray analysis: feldspar, chlorite and sericite; minor amount of quartz; traces calcite and pyrite)
110	"
120	"
130	"
140	"
150	"
160	"
170	"
180	"

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190	Granodiorite — gray, phaneritic, sheared, saussurized; feldspar and quartz, with traces of galena and phlogopite
200	" no galena
210	" " increase in saussurization and amount of phlogopite
220	Granodiorite — gray, phaneritic, sheared, saussurized; feldspar and quartz, with traces of galena
230	"
240	"
250	"
260	"
270	"
280	"
290	No sample
300	Granodiorite — gray, phaneritic, sheared, saussurized; feldspar and quartz, with traces of galena and phlogopite
310	"
320	"
330	" with trace of pyrite
340	"
350	No sample
360	Granodiorite — gray, phaneritic, sheared, saussurized; feldspar and quartz, with traces of galena and phlogopite
370	"

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GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-90'	Saprolite	
100-180	Metamorphosed basalt	Paleozoic (?)
190-370'	Pedlar Formation (?)	Precambrian (?)

Virginia Division of Mineral Resources
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