

INTERVAL SHEET

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 Date rec'd: 2/8/62  
 PROP: J. B. Murray  
 (Panorama #4)  
 COMP: Sydnor Pump and Well Co.  
 COUNTY: Albemarle (Earlsville)

VDMR Well No: 620  
 Sample Interval: from 50' to 560'  
 Number of samples: 49  
 Total Depth: 561'  
 Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To
No samples	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	-	-
-	410 - 420	-	-
120 - 130	420 - 430	-	-
130 - 140	430 - 440	-	-
140 - 150	440 - 450	-	-
150 - 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	-	-
-	520 - 530	-	-
230 - 240	530 - 540	-	-
240 - 250	540 - 550	-	-
250 - 260	550 - 560	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-
300 - 310	-	-	-
310 - 320	-	-	-
320 - 330	-	-	-
330 - 340	-	-	-

Washed samples only

OWNER: Panorama Corporation Well #4  
DRILLER: Sydnor Pump and Well Co., Inc.  
COUNTY: Albemarle (Earlsville)

VDMR: 620  
WWCR: 378  
TOTAL DEPTH: 561'

GEOLOGIC LOG

Depth in feet

0-50	No samples
50-60	Biotite Gneiss - grayish-tan, fine-grained, lineated; quartz, feldspar, biotite; traces of iron-oxide stains; some tan silt and clay
60-70	Biotite Gneiss - light-gray to gray, fine-grained, lineated; feldspar, quartz, biotite; traces of sericite and pink garnet
70-80	"
80-90	"
90-100	"
100-110	"
110-120	No sample
120-130	Biotite Gneiss - gray, fine-grained, lineated; feldspar, quartz, biotite; traces of sericite and pink garnet
130-140	" with increase in biotite
140-150	" dark gray, schistose; more biotite and garnet, trace of calcite veins
150-160	" "
160-170	" "
170-180	"
180-190	"
190-200	"
200-210	"
210-220	"
220-230	No sample

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230-240	Biotite Gneiss - gray, fine-grained, lineated; feldspar, quartz, biotite; traces of sericite and pink garnet
240-250	"
250-260	" dark gray schistose; increase in biotite and garnet
260-270	"
270-280	" "
280-290	" "
290-300	"
300-310	Biotite Gneiss - dark gray, fine-grained, lineated to slightly-foliated, schistose; quartz, biotite, feldspar, garnet, traces of sericite and calcite
310-320	"
320-330	"
330-340	"
340-350	Biotite Gneiss - gray, fine-grained, lineated; feldspar, quartz, biotite; traces of sericite and garnet
350-360	"
360-370	" darker gray; more biotite; schistose
370-380	" "
380-390	"
390-400	"
400-410	"
410-420	"
420-430	" with very-coarse (3 to 8 mm) fragments of quartz and feldspar
430-440	"
440-450	"

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450-460	Biotite Gneiss - gray, fine-grained, lineated; feldspar, quartz, biotite; traces of sericite and garnet; darker gray; more biotite; schistose
460-470	Biotie Gneiss - gray, fine-grained, lineated; feldspar, quartz, biotite; traces of sericite and garnet
470-480	"
480-490	"
490-500	" no garnet
500-510	"
510-520	"
520-530	"
530-540	"
540-550	"
550-560	"
560-561	No sample

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-50	No samples	
50-560	Lovington Formation	Precambrian
560-561	No sample	

Virginia Division of Mineral Resources  
Robert G. Willson, Geologist  
December 4, 1967