

INTERVAL SHEET

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VDMR Well No.: 670 WWCR #217

Date 20/6/62

Sample Interval: from 0 to 524

PROP: J. M. Wilkerson  
Longwood Acres

Total depth 524

COMP: Mitchell

Oil  Gas  Water  Exploratory

COUNTY: Chesterfield

Cuttings  Core  Other

From-To	From-To	From-To	WASHED SAMPLES From-To	From-To
-	0 - 10	300 - 310	COMPLETE SET OF SAMPLED INTERVALS	-
-	10 - 20	310 - 320		-
-	20 - 30	320 - 330		-
-	30 - 40	330 - 340		-
-	40 - 50	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	-	-
-	110 - 120	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 - 524	-	-
-	210 - 220	-	-	-
-	220 - 230	-	-	-
-	230 - 240	-	-	-
-	240 - 250	-	-	-
-	250 - 260	-	-	-
-	260 - 270	-	-	-
-	270 - 280	-	-	-
-	280 - 290	-	-	-
-	290 - 300	-	-	-

OWNER: J. M. Wilkerson (Longwood Acres)  
DRILLER: Mitchell  
COUNTY: Chesterfield (Richmond)

VDMR # 670  
WWCR # 217  
DEPTH: 524

SAMPLE EXAMINATION

0-10 Granite - pink to white, medium grained, highly weathered, white quartz 70%, feldspar 25%, biotite 3%

10-20 Granite - white with trace of pink, medium grained, moderately weathered, white quartz 60%, feldspar 25%, biotite 10%

20-30 as above (BEDROCK IN THIS INTERVAL)

30-40 Granite - white with trace of pink, medium grained, moderately weathered, white quartz 60%, feldspar 25%, biotite 10%

40-50 Granite - white, medium grained, white quartz 65%, white feldspar 20%, biotite 10%, trace of iron stained quartz and feldspar

50-60 as above

60-70 Granite - white to pink, medium grained, white quartz 60%, pink and white feldspar 25%, biotite 10%

70-80 as above

80-90 Granite - white and pink, medium grained, white quartz 60%, pink and white feldspar 25%, biotite 10%, trace of pyrite and iron staining

90-100 as above

100-110 as above

110-120 as above

120-130 Granite - white, medium grained, white quartz 70%, white feldspar 15%, biotite 10%, heavy trace of iron staining

130-140 Granite - white, medium grained, white quartz, 65%, white feldspar 15%, biotite 15%, heavy trace of iron staining

140-150 as above

150-160 as above

160-170 as above

170-180 Granite - pink and white quartz and feldspar, medium grained, quartz 65%, feldspar 20%, biotite 10%

OWNER: J. M. Wilkerson (Longwood Acres)

#670

- 180-190 Granite - pink and white quartz and feldspar, medium grained, quartz 65%, feldspar 20%, biotite 10%, heavy trace of iron staining
- 190-200 Granite - pink and white quartz and feldspar, fine grained, quartz 65%, feldspar 20%, biotite 10%, iron staining 1%
- 200-210 Granite - light pink to white quartz and feldspar, medium grained, quartz 60%, feldspar 30%, 5% muscovite and biotite, trace of iron staining
- 210-220 Granite - white quartz and feldspar with trace of pink, medium grained, quartz 60%, white feldspar 25%, biotite 10%
- 220-230 as above
- 230-240 as above
- 240-250 Granite - pink and white quartz and feldspar, medium grained, quartz 65%, feldspar 25%, biotite 5%, heavy trace of iron staining
- 250-260 as above
- 260-270 as above
- 270-280 as above
- 280-290 Granite - pink and white quartz and feldspar, medium grained, quartz 50%, feldspar 25%, biotite 20%, trace of hematite
- 290-300 Granite - white quartz and feldspar with some pink, medium grained, quartz 65%, feldspar 25%, biotite 5%, heavy trace of iron staining
- 300-310 as above
- 310-320 Granite - white quartz and feldspar with trace of pink quartz and feldspar, medium grained, quartz 65%, feldspar 25%, biotite 5%, iron staining 1%
- 320-330 as above
- 330-340 as above
- 340-350 Granite - white and pink quartz and feldspar, medium grained, quartz 65%, feldspar 25%, biotite 5%, heavy trace of iron staining
- 350-360 Granite - white quartz and feldspar with trace of pink quartz and feldspar, medium grained, quartz 65%, feldspar 25%, biotite 5%, heavy trace of iron staining

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# 671

360-370	as above
370-380	as above
380-390	as above
390-400	as above
400-410	as above
410-420	as above
420-430	as above
430-440	Granite - white quartz and feldspar, medium grained, quartz 65%, feldspar 25%, biotite 5%, trace of iron staining
440-450	as above
450-460	as above
460-470	as above
470-480	as above
480-490	Granite - white quartz and feldspar, medium grained, quartz 65%, feldspar 25%, biotite 5%, heavy trace of iron staining
490-500	as above
500-524	as above

#### GEOLOGIC SUMMARY

<u>Age</u>	<u>Formation or Unit</u>
Pre-Cambrian	Petersburg granite

Virginia Division of Mineral Resources  
Merrick S. Whitfield, Geologist  
June 27, 1962