

INTERVAL SHEET

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VDMR Well No: 1551

Date rec'd:

Sample Interval: from 0 to 207

PROP: V. R. Mashell

Number of samples: 21

COMP: Leazer Pump & Well Company

Total Depth: 207'

COUNTY: Fauquier (Auburn)

Oil or Gas: Water<sup>X</sup> Exploratory:

From-To	From-To	From-To	From-To
0 - 10 *	-	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40*	-	-	-
40 - 50*	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
100 - 110	-	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180*	-	-	-
180 - 190*	-	-	-
190 - 200*	-	-	-
200 - 207	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

\* unwashed samples only

OWNER: V. R. Mashell  
DRILLER: L. A. Embrey  
COUNTY: Fauquier (Auburn)

VDMR: 1551  
WWCR: 129  
TOTAL DEPTH: 207'

GEOLOGIC LOG

Depth in feet

OVERBURDEN (0-4)

0-4 Overburden - soil

SAPROLITE (4-10)

4-10 Overburden - saprolite

NEWARK FORMATION (10-207)

10-20 Sandstone - red, weathered; very fine-grained; micaceous, arkosic.

20-30 " purplish-red.

30-40 "

40-50 "

50-60 Shale - dark-red; micaceous; flaggy.

60-70 "

70-80 "

80-90 " red and gray, flaggy.

90-100 Shale and diabase - red shale and red-shale xenoliths in light-gray, medium-grained diabase; xenoliths have irregular outlines and white zeolite, some with radiating, fibrous structure (analcite?).

100-110 Shale - red.

110-120 "

120-130 "

130-140 "

140-150 "

150-160 "

160-170 "

170-180 "

OWNER: V. R. Mashell

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180-190 Shale - red.  
190-200 "  
200-207 "

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-4	Overburden	
4-10	Saprolite	Triassic
10-207	Newark Formation	Triassic

Virginia Division of Mineral Resources  
Richard S. Good, Geologist  
April 5, 1967