

INTERVAL SHEET

Page 1 of 1

VDMR Well No: 1844

Date rec'd: 4/3/67

Sample Interval: from 0 to 260

PROP: M. Helmick (Mill Run Acres)

Number of samples: 25

COMP: Leazer Pump & Well Company

Total Depth: 265

COUNTY: Fauquier (Warrenton)

Oil or Gas: Water: ^X Exploratory:

From-To	From-To	From-To	From-To
0 - 10*	-	-	-
10 - 20*	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
No sample	-	-	-
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 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260*	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

* Unwashed samples only

OWNER: M. K. Helmick
DRILLER: Leazer Pump & Well Company
COUNTY: Fauquier (Warrenton)

VDMR: 1844
WWCR: 131
TOTAL DEPTH: 265

GEOLOGIC LOG

Depth in feet

0-20	No sample.
20-30	Mica schist - weathered, tan, bleached biotite, quartz.
30-40	"
40-50	Biotite schist - dark-gray, some calcite and pyrrhotite.
50-60	Marble - light-gray with biotite lineations and stringers; some quartz, pyrrhotite, and pyrite; some biotite schist and weathered mica schist.
60-70	Biotite schist - dark-gray with abundant light-gray marble; calcite and pyrrhotite.
70-80	No sample.
80-90	Biotite schist - dark-gray interbedded with light-gray marble; calcite, quartz, and pyrrhotite.
90-100	"
100-110	Biotite schist - dark-gray with abundant light-gray marble; some quartz and pyrrhotite.
110-120	Marble - light-gray with biotite stringers, very little biotite schist, phlogomite, and increased pyrrhotite.
120-130	Biotite schist - dark-gray, interbedded with minor amounts of marble.
130-140	" with increased marble.
140-150	" with hornblende and pyrrhotite.
150-160	Hornblende schist - with some marble; pyrrhotite, biotite and chlorite.
160-170	"
170-180	"
180-190	"

OWNER: M. K. Helmick

#1844

190-200 Biotite schist - dark-gray, crenulated, widely disseminated pyrrhotite, quartz.
200-210 "
210-220 Mica schist - light-gray, muscovite, biotite quartz, pyrrhotite, calcite.
220-230 "
230-240 "
240-250 "
250-260 Biotite schist - dark-gray with a nearly equal amount of light-gray marble; pyrrhotite.

GEOLOGIC SUMMARY

<u>Rock Unit</u>	<u>Age</u>
Loudoun Formation	Cambrian

Virginia Division of Mineral Resources
William W. Winters, Geologist
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