

INTERVAL SHEET

WWCR: 138

Page 1 of 1

VDMR Well No: 2244

Date rec'd: 9/23/68

Sample Interval: from 0 to 515'

PROP: Fauquier County Public Schools
(H.M. Pearson Elem. School)

Number of samples: 52

COMP: Leazer Pump & Well Co.

Total Depth: 515'

COUNTY: Fauquier (Calverton)

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To
0 - 10	300 - 310	-	-
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 - 510	-	-
210 - 220	510 - 515	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Fauquier County Public Schools
(H. M. Pearson Elementary School)
DRILLER: Leazer Pump & Well Co.
COUNTY: Fauquier (Calverton))

VDMR: 2244
WWCR: 138
TOTAL DEPTH: 515'

GEOLOGIC LOG

Depth in feet

0-10	Shale — dark red-brown, silt and clay-size grains, poorly-to moderately-fissile; considerable amount of iron-oxide staining; trace of calcite
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	"
200-210	"

OWNER: Fauquier Co. Public Schools (H. M. Pearson Elem. School)

- 210-220 Shale — dark red-brown, silt and clay-size grains, poorly-to moderately-fissile; considerable amount of iron-oxide staining; trace of calcite
- 220-230 "
- 230-240 "
- 240-250 "
- 250-260 "
- 260-270 "
- 270-280 "
- 280-290 "
- 290-300 "
- 300-310 "
- 310-320 "
- 320-330 "
- 330-340 "
- 340-350 "
- 350-360 Shale — silt and clay-size grains, with some iron-oxide stains; 50% of sample is dark reddish-brown, moderately-fissile shale with trace of calcite, and 50% is grayish-blue, fissile, shale with trace of pyrite
- 360-370 Shale — dark red-brown, silt and clay-size grains, poorly-to moderately-fissile; some iron-oxide staining; trace of calcite
- 370-380 "
- 380-390 "
- 390-400 "
- 400-410 "
- 410-420 "
- 420-430 "

OWNER: Fauquier Co. Public Schools (H. M. Pearson Elem. School)

430-440 Shale -- dark red-brown, silt and clay-size grains,
poorly-to moderately-fissile; some iron-oxide
staining; trace of calcite

440-450 "

450-460 "

460-470 "

470-480 "

480-490 "

490-500 "

500-510 "

510-515 "

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-515'	Bull Run Shale	Late Triassic

Virginia Division of Mineral Resources
 Robert G. Willson, Geologist
 September 27, 1968

Pump Test

August 7, 1968

5:00 P.M.	-----	132 gpm
6:00 P.M.	-----	"
7:00 P.M.	-----	"
8:00 P.M.	-----	"
9:00 P.M.	-----	"
10:00 P.M.	-----	"
11:00 P.M.	-----	"
12:00 M.	-----	"

Aug. 8

1:00 A.M.	-----	"
2:00 A.M.	-----	121 gpm
3:00 A.M.	-----	"
4:00 A.M.	-----	"
5:00 A.M.	-----	"
6:00 A.M.	-----	"
7:00 A.M.	-----	110 gpm
8:00 A.M.	-----	110
9:00 A.M.	-----	"
10:00 A.M.	-----	"
11:00 A.M.	-----	"
12:00 N.	-----	"
1:00 P.M.	-----	"
2:00 P.M.	-----	"
3:00 P.M.	-----	"
4:00 P.M.	-----	"
5:00 P.M.	-----	110 gpm after 24 hr. test

Static water level at beginning of test was 10 feet.

Pumping level at end of test was 205 feet.

Test Pump was set at 205 feet.