

INTERVAL SHEET

WWCR 273

Page 1

VDMR Well No.: 1101

Date 7/27/64

Sample Interval: from 0 to 295

PROP: Air Force Base #5

Total depth 295

COMP: Sydnor

Oil Gas Water Exploratory

COUNTY: Prince William
(Manassas)

Cuttings Core Other

VDMR Well No: W-1101

From-To	From-To	From-To	From-To	From-To
-	0 - 10	-	-	-
-	10 - 20	-	NO WASHED SAMPLES	-
-	20 - 30	-	-	-
-	30 - 40	-	-	-
-	40 - 50	-	-	-
-	50 - 60	-	-	-
-	60 - 70	-	-	-
-	70 - 80	-	-	-
-	80 - 90	-	-	-
-	90 - 100	-	-	-
-	100 - 120 No Sample	-	-	-
-	120 - 130	-	-	-
-	130 - 140	-	-	-
-	140 - 160	-	-	-
-	160 - 170	-	-	-
-	170 - 180	-	-	-
-	180 - 200	-	-	-
-	200 - 210	-	-	-
-	210 - 220	-	-	-
-	220 - 230	-	-	-
-	230 - 240	-	-	-
-	240 - 250	-	-	-
-	250 - 260	-	-	-
-	260 - 270	-	-	-
-	270 - 280	-	-	-
-	280 - 295	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

OWNER: United States Air Force
Manassas Air Force Station, Well #5
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: Prince William (Manassas)

VDMR # 1101
WWCR # 273
TOTAL DEPTH : 295

GEOLOGIC LOG

Overburden (0-60')

0-10 Overburden - red, fine-grained; weathered mica schist; mica, hematite, clay, quartz sand and angular quartz fragments.
10-20 As above - less quartz
20-30 As above
30-40 As above - with saprolitic fragments, mica schist; limonite.
40-50 Overburden - pinkish-red, fine-grained; weathered saprolitic mica schist; mica, quartz, clay, hematite, limonite.
50-60 As above - larger fragments are purple inside.

Wissihickon Schist (60-295')

60-70 Quartz - Mica Schist (Weathered) - medium-brown, medium-grained; quartz, mica, hematite, limonite, clay.
70-80 As above
80-90 Schist (Weathered) - light-brown, fine-grained; mica, clay, quartz, limonite, hematite.
90-100 Schist (Weathered) - greenish-tan and pink, fine-grained; mica, clay, quartz, hematite, limonite.
100-120 No sample
120-130 Schist (Weathered) - red, fine-grained; mica, hematite, clay, quartz, limonite.
130-140 Schist (Weathered) - light-brown, medium-fine-grained; mica, clay, quartz, limonite.
140-160 As above
160-170 Schist (Weathered) - greenish-tan, fine-grained; mica, clay, quartz, limonite.
170-180 As above
180-200 Schist - light-gray, medium-fine-grained, muscovite, biotite, quartz, minor garnet; oxidation.
200-210 As above - no garnet

OWNER: United States Air Force
Manassas Air Force Station, Well #5

#1101

210-220	Schist - light-gray, medium-fine-grained, muscovite, biotite, quartz, more oxidation.
220-230	As above
230-240	Schist - light-gray and medium-brown, fine-grained; muscovite, quartz, biotite; oxidation.
240-250	As above
250-260	Schist - medium-gray, fine-grained, foliated; biotite, muscovite, quartz, minor garnet and tourmaline; trace of slickensides.
260-270	Schist - medium-dark-gray, fine-grained, foliated; biotite, chlorite, muscovite, quartz, epidote and garnet.
270-280	As above
280-295	As above

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-60	Overburden	Quaternary
60-295	Wissihickon Schist	Uncertain

Virginia Division of Mineral Resources
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