

INTERVAL SHEET

Page 1 of 1

VDMR Well No: 1901

Date rec'd: 6/14/67

Sample Interval: from 0' to: 600'

PROP: Utility Services /Corporation

Number of samples: 37

COMP: Sydnor Hydrodynamics

Total Depth: 600'

COUNTY: Roanoke (Starkey)

Oil or Gas: Water^X Exploratory:

From-To	From-To	From-To	From-To
0 - 37	450 - 465	-	-
41 - 56	465 - 480	-	-
56 - 71	480 - 495	-	-
71 - 81	495 - 510	-	-
-	510 - 525	-	-
91 - 101	525 - 540	-	-
101 - 115	540 - 555	-	-
115 - 130	555 - 570	-	-
130 - 145	570 - 585	-	-
145 - 160	585 - 600	-	-
160 - 175	-	-	-
175 - 190	-	-	-
190 - 205	-	-	-
205 - 220	-	-	-
220 - 235	-	-	-
235 - 250	-	-	-
250 - 265	-	-	-
265 - 280	-	-	-
280 - 295	-	-	-
295 - 310	-	-	-
310 - 325	-	-	-
325 - 340	-	-	-
340 - 355	-	-	-
-	-	-	-
370 - 385	-	-	-
385 - 400	-	-	-
400 - 415	-	-	-
415 - 430	-	-	-
430 - 450	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Utility Service Corporation
(Hunting Hills, Well #3)
DRILLER: Sydnor Hydrodynamics, Inc.
COUNTY: Roanoke, (Roanoke)

VDMR: 1901
WWCR: 461
TOTAL DEPTH: 600'

GEOLOGIC LOG

Depth in feet

0-37	Clay and Argillite - dark-yellowish-orange
37-41	No sample
41-56	Argillite - moderate-yellowish-brown
56-71	" vuggy; some vein quartz
71-81	Argillite - olive-gray
81-91	No sample
91-101	Shale - grayish-red
101-115	" some olive-gray argillite
115-130	" some olive-gray shale
130-145	" "
145-160	" "
160-175	Shale - yellowish-gray, calcareous; some olive-gray and grayish-red shale
175-190	"
190-205	"
205-220	"
220-235	Shale - medium-dark-gray, calcareous; vein calcite
235-250	"
250-265	"
265-280	Shale - grayish-red and olive gray
280-295	Shale - grayish-red; some yellowish-gray, calcareous shale
295-310	"

OWNER: Utility Service Corporation (Hunting Hills, Well #3)

#1901

310-325	Shale - medium-gray; minor grayish-red shale; vein calcite
325-340	"
340-355	Shale - medium-gray, calcareous
355-370	No sample
370-385	Shale - medium-gray, calcareous
385-400	"
400-415	Shale - light-gray, calcareous
415-430	Shale - grayish-red and olive-gray
430-450	"
450-465	Dolomite - dark-gray, fine-grained, crystalline, argillaceous; trace pyrite, vein dolomite; some reddish-brown and medium-gray shale
465-480	Shale - medium-gray, moderately fissile, silty
480-495	Shale - reddish-brown, moderately fissile, silty; some medium- gray shale
495-510	Dolomite - light- to medium-gray, fine-grained, crystalline, shaly, trace pyrite; some reddish-brown shale
510-525	Shale - reddish-brown, moderately fissile, silty; some dolomite
525-540	Shale - medium-gray, moderately fissile, silty
540-555	Dolomite - medium-gray, fine-grained, crystalline, argillaceous, trace pyrite
555-570	Shale - reddish-brown, moderately fissile, silty; some medium- gray shale; some dolomite
570-585	Dolomite - medium-gray, fine-grained, crystalline, shaly, trace pyrite
585-600	" some reddish-brown shale

OWNER: Utility Service Corporation (Hunting Hills, Well #3)

#1901

GEOLOGIC SUMMARY

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

Virginia Division of Mineral Resources
W. W. Winters, Geologist
December 27, 1967