

INTERVAL SHEET

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VDMR Well No: 1654

Date rec'd: 7/12/66

Sample Interval: from 0 to: 282

PROP: Virginia Division of Mineral Resources

Number of samples: 20

COMP: Sydnor Hydrodynamics

Total Depth: 350

COUNTY: Rockingham (Grottoes)

Oil or Gas: Water: ^X Exploratory:

From-To	From-To	From-To	From-To
No sample	-	-	-
6 - 10	-	-	-
10 - 40	-	-	-
40 - 57	-	-	-
57 - 72	-	-	-
72 - 87	-	-	-
87 - 102	-	-	-
102 - 117	-	-	-
117 - 132	-	-	-
132 - 147	-	-	-
147 - 162	-	-	-
162 - 177	-	-	-
177 - 192	-	-	-
192 - 207	-	-	-
200 -	-	-	-
207 - 222	-	-	-
222 - 237	-	-	-
235 -	-	-	-
237 - 252	-	-	-
252 - 267	-	-	-
267 - 282	-	-	-
282 - 350 no samples	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

No washed samples

OWNER: Division of Mineral Resources
(Grottoes Observation Well)
DRILLER: Sydnor Hydrodynamics, Inc.
COUNTY: Rockingham (Grottoes)

VDMR: 1654
WWCR: 563
TOTAL DEPTH: 350'

GEOLOGIC LOG

Depth in feet

UNCONSOLIDATED SAND, GRAVEL AND CLAY (0-200'(?))

0-6	No sample
6-10	Sand and Clay - buff, poorly sorted, with minor sandstone and quartzite.
10-40	"
40-57	"
57-72	"
72-87	"
87-102	"
102-117	"
117-132	"
132-147	"
147-162	"
162-177	"
177-192	"
192-207	"

ROME FORMATION (200 (?)-282)

200	Sandstone - light olive-gray, fine-grained, with light-gray, very fine-grained limestone.
207-222	Sand and Clay - buff, poorly sorted, with minor sandstone and quartzite.
222-237	"

OWNER: Division of Mineral Resources
(Grottoes Observation Well)

#1654

- 235 Sandstone - light olive-gray, fine-grained, with light-gray, very fine-grained limestone.
- 237-252 Sand and Clay - buff, poorly sorted, with minor sandstone and quartzite.
- 252-267 "
- 267-282 "
- 282-350 No samples.

GEOLOGIC SUMMARY

<u>Rock Unit</u>	<u>Age</u>
0-200 (?) Unconsolidated sand, gravel and clay	Pleistocene (?)
200 (?) - 282 Rome Formation	Cambrian
282-350 No samples	

NOTE: Limestone bedrock present at less than 200', but limestone cuttings found only in sample from the 200 and 235-foot intervals.

Virginia Division of Mineral Resources
W. W. Winters, Geologist
September 6, 1967