

INTERVAL SHEET

WWCR - 84

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VDMR Well No: 1784

Date rec'd: December 29, 1966

Sample Interval: from 30 to 190

PROP: U. S. Forest Service
(Roaring Run)

Number of samples: 16

COMP: Frank W. Martin Drilling Co., Inc.

Total Depth: 205

COUNTY: Botetourt (Eagle Rock)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
-	-	-	-
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	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples.

OWNER: U. S. Forest Service
(Roaring Run Area)

VDMR: 1784

DRILLER: Frank W. Martin Drilling Co., Inc.

WWCR: 84

COUNTY: Botetourt (Eagle Rock)

TOTAL DEPTH: 205'

GEOLOGIC LOG

Depth in feet

0 - 30 No samples

ORISKANY FORMATION (30-150)

30 - 40	Sandstone — very light pinkish-tan; fine-grained, well-sorted, angular, porous, friable; some dark-red to purple, fine-grained, well-sorted ferruginous sandstone; botryoidal hematite on fracture surfaces, traces of limonite and manganese cement
40 - 50	" no ferruginous sandstone
50 - 60	" "
60 - 70	" " with quartz crystals along fracture surfaces
70 - 80	Sandstone — very light pinkish-tan; fine-grained, well-sorted, angular, porous, friable; some botryoidal psilomelane and psilomelane cement.
80 - 90	"
90 - 100	"
100 - 110	"
110 - 120	Sandstone — pale yellowish-white, fine-grained, well-sorted, angular, porous, friable.
120 - 130	Sandstone — very light-tan to white; medium- to fine-grained, well-sorted, angular, porous, friable; some manganese stain and cement.
130 - 140	"
140 - 150	Sandstone — buff to light-pink; medium- to very fine-grained, poorly-sorted, angular, calcareous cement; a few very dark-gray, microcrystalline, slightly-argillaceous limestone chips.

LICKING CREEK LIMESTONE (150-190)

150 - 160	Limestone — medium- to very dark-gray; microcrystalline slightly argillaceous; some buff, medium- to very fine-grained, well-sorted, angular sandstone; trace of vein calcite in limestone fraction.
160 - 170	Limestone — light- to dark-gray; microcrystalline; some buff, medium- to very fine-grained, well-sorted, angular sandstone; trace of vein calcite in limestone fraction.
170 - 180	"
180 - 190	"
190 - 205	No samples.

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0 - 30	No samples	
30 - 150	Oriskany Formation	Early Devonian
150 - 190	Licking Creek Limestone	" "
190 - 205	No samples	

Virginia Division of Mineral Resources
 Thomas M. Gathright - Geologist
 January 24, 1967