

INTERVAL SHEET

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VDMR Well No.: 712 WWCR # 187

Date 9-4-62

Sample Interval: from 0 to 356

PROP: Blue Ridge Poultry and
Egg Co. #3

Total depth 356

COMP: Sydnor

Oil Gas Water Exploratory

COUNTY: Shenandoah (Columbia Furnace)

Cuttings Core Other

From-To	From-To	From-To	Washed Samples	
			From-To	From-To
-	0 - 5	-	-	-
-	5 - 10	-	-	-
-	10 - 20	-	-	-
-	20 - 30	-	-	-
-	50 - 60	-	-	-
-	100 - 110	-	-	-
-	110 - 120	-	-	-
-	120 - 130	-	-	-
-	130 - 140	-	-	-
-	140 - 150	-	-	-
-	150 - 160	-	-	-
-	160 - 170	-	-	-
-	170 - 180	-	-	-
-	180 - 190	-	-	-
-	190 - 200	-	-	-
-	200 - 210	-	-	-
-	210 - 220	-	-	-
-	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 - 356	-	-	-

Insufficient quantity
of material to wash

Owner: Blue Ridge Poultry and Egg Co. #3
Driller: Sydnor Pump and Well Co.
County: Shenandoah (Colonial Furnace)

VDMR: 712
WWCR: 187
Depth: 356

SAMPLE EXAMINATION
(washed samples)

0 - 5	Overburden - red mud and fine grained, hard, subrounded, quartz, pea gravel size, sandstone fragments.
5 - 10	Overburden - yellow mud and very fine to fine grained, subrounded, quartz sand and sandstone fragments.
10 - 20	as above
20 - 30	Overburden - yellow mud and very fine grained, silty, slightly calcareous, dolomite.
30 - 50	No sample (Top of bedrock in this interval.)
50 - 60	Dolomite - light yellow to white, very fine grained, hard, slightly calcareous and silty, trace of chert.
60 - 100	No samples
100 - 110	Dolomite - light yellow, gray, and white, very fine grained, hard, calcareous, silty.
110 - 120	as above
120 - 130	Dolomite - light gray, fine grained, hard, calcareous, silty.
130 - 140	Dolomite - yellow to light gray, fine grained, hard, calcareous, very silty.
140 - 150	Dolomite - light to medium gray, fine grained, hard, calcareous, silty, trace of calcite.
150 - 160	as above
160 - 170	Dolomite - medium gray, fine grained, hard, slightly calcareous, silty, 1% yellow and orange clay.
170 - 180	Dolomite - medium gray with white blotches, fine grained, hard, slightly calcareous, 1% very fine silt.

180 - 190	Dolomite - medium gray with some white blotches, fine grained, hard, silty.
190 - 200	Dolomite - medium gray and black, fine grained, hard, calcareous, silty, trace of orange clay (X-ray analysis revealed approximately 75% dolomite, 15% calcite, 5% quartz, and 4% feldspar).
200 - 210	Dolomite - medium gray, fine grained, very hard, slightly calcareous, trace of iron staining.
210 - 220	as above
220 - 230	as above
230 - 240	as above
240 - 250	Dolomite - medium gray to yellowish orange (leached), fine grained, hard to soft, slightly calcareous, 5% iron stained.
250 - 260	Dolomite - medium gray to yellowish orange, fine grained, hard to soft, 40% leached.
260 - 270	Dolomite - medium gray to yellowish orange, fine grained, hard to soft, 45% leached, trace of manganese oxide.
270 - 280	as above
280 - 290	as above
290 - 300	Dolomite - medium gray to yellowish orange, fine grained, hard to soft, very silty, slightly calcareous, 50% leached, trace of manganese oxide.
300 - 310	Dolomite - light gray to white, fine grained, moderately hard to soft, very silty, calcareous, 10% leached.
310 - 320	as above
320 - 330	as above
330 - 340	as above

340 - 356 Dolomite - light gray, white, and yellow, fine grained,
moderately hard to soft, silty, calcareous, 5% leached.

GEOLOGIC SUMMARY

<u>Age</u>	<u>Formation or Unit</u>
Ordovician	Beekmantown dolomite

Virginia Division of Mineral Resources
Merrick S. Whitfield, Geologist
September 13, 1962