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WWCR # 205

Page 1	VDMR Well No.:	867 867		
Date7-26-63	Sample Interval: from 0 to 500  Total depth 500  Oil Gas Water x Exploratory			
PROP:Bowman Apple Products,Inc.				
COMP; Sydnor				
COUNTY: Shenandoah (Forestville)	Cuttings_x	_CoreOther		
VDMR Well No: W-867	Washed samples-only			
From-To From-To	From-To	From-To	From-To	
	0_13	× 2	_	
	13_	_	1-1	
	13_54	=	_	
	54_100	_	-	
_	100_130	_		
	130_150			
	150_160	-	1=1	
	160_200	_		
	200_220	_	_	
1	220_230	_	_	
2		_		
_	230_250	_	-	
	250_270	-	-	
-	270_290	-	-	
	290_310		1-3	
	310_330	=	-	
-	330_350	-		
-	350_370	-	-	
-	370_390	-	1-	
	390_410 410_430	_	-	
-	410_430	=	-	
	430_450	_	.=	
	450_470	_		
-	470_490	-	-	
<u> </u>	490_500	-	1-1	
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OWNER: G. D. Bowman Apple Products, Inc. VDMR: 867
DRILLER: Sydnor Pump & Well Co., Inc. WWCR: 205
COUNTY: Shenandoah (Forestville) TOTAL DEPTH: 5001

## GEOLOGIC LOG

0-13	Clay - orange, fine grained, very silty, calcareous
13	Dolomite - medium gray, hard, dense, fine grained, very calcareous, siliceous (top of bedrock above this depth)
13-54	Dolomite - medium gray, hard, dense, fine grained, calcareous, siliceous, trace of calcite vein material
54-100	As above
100-130	Dolomite- medium gray, hard, dense, fine grained, very calcareous and siliceous, heavy trace of calcite vein material (X-ray analysis: 70 % dolomite, 15% calcite, 15 % quartz)
130-150	Dolomite - medium gray, hard, dense, fine grained very calcareous, siliceous
150-160	Dolomite - medium gray with some iron stains, hard, dense, fine grained, calcareous, siliceous
160-200	Dolomite - medium gray, hard, dense, fine grained, calcareous, siliceous, slight trace of calcite vein material
200-220	As above
220-230	As above
230-250	As above
250-270	As above
270-290	As above
290-310	As above
310-330	As above
330-350	As above

350-370	Dolomite - medium gray, hard, dense, fine grained, very calcareous and siliceous, trace of calcite vein material (X-ray analysis: 70 % dolomite, 20% calcite, 10 % quartz)
370-390	Dolomite - medium gray, hard, massive, fine grained, trace of calcite vein material
390-410	As above
410-430	Dolomite - medium gray, hard, massive, fine grained, heavy trace of chert, trace of calcite vein material
430-450	As above
450-470	As above
470-490	Dolomite - medium gray, hard, massive, fine grained, heavy trace of chert, trace of calcite vein material, slight trace of pyrite
490-500	Dolomite - medium gray, hard, massive, fine grained, heavy trace of chert, trace of calcite vein material (X-ray analysis: 85% dolomite, 10 % chert, 5 % calcite)

## GEOLOGIC SUMMARY

AGE	ROCK U	NIT

Ordovician Beekmantown formation

Virginia Division of Mineral Resources Merrick S. Whitfield - Geologist July 26, 1963