INTERVAL SHEET

Page1	VDMR Well No: Well No. 1457
Date1/7/66	Sample Interval: from <u>74</u> to <u>151</u>
PROP: Kwaliteed Hatchery Farm	#3 Total Depth <u>184</u>
COMP: Sydnor Pump & Well Co.	OilGasWater_X_Exploratory
COUNTY: Rockingham (Pineville)	CuttingsX_CoreOther
VDMR Well No: W-1457	Washed samples
From-To From-To	From-To From-To From-To
	0 _ 74 No sample
	74 - 91
	75 - 76
	91 - 106
	106 - 121
	121 - 136
	136 - 151
	151 - 184 No sample
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WWCR 541

OWNER: Kwaliteed Hatchery, Inc., Farm No. 3 DRILLER: Sydnor Pump and Well Co., Inc. COUNTY: Rockingham (Pineville) TOTAL D

VDMR #1457 WWCR #541 TOTAL DEPTH: 184'

## GEOLOGIC LOG

- 0-74 No sample.
- 74-91 Sandy Dolomite light-gray, fine-grained with silt and coarse rounded quartz sand; minor light- to dark-gray chert and vein dolomite.
- 75-76 Dolomite and Chert light-gray to buff, medium-crystalline dolomite with trace of silicified bryozoa; medium-gray chert; minor vein quartz.
- 91-106 Dolomite medium-blue-gray, medium-finely crystalline; minor blue-gray chert; trace pyrite.
- 106-121 Cave Opening light-brown to medium-gray, fine-grained siliceous dolomite; medium-gray chert stained with iron oxides; thin plates of vein quartz that have been etched out of carbonate rock.
- 121-136 As above with dark-gray, fine-grained dolomite with tiny quartz veins.
- 136-151 As above no dark-gray dolomite, less chert; with buffcolored, fine- to coarse crystalline dolomite.
- 151-184 No sample.

## GEOLOGIC SUMMARY

Too few samples to permit determination of the formation. However it is probably either the Beekmantown Formation of Ordovician Time or the Conococheague Formation of Cambrian Time.

> Virginia Division of Mimeral Resources Hollis N. Walker, Geologist January 28, 1966