

## INTERVAL SHEET

WWCR 34

Page 1VDMR Well No.: Well No. 1378Date 10/4/65Sample Interval: from 0 to 691

PROP: Camp Garth Newell

Total depth 691

COMP: Sydnor Pump &amp; Well Co.

Oil    Gas    Water X Exploratory   

COUNTY: Bath (Hot Springs)

Cuttings X Core    Other   

VDMR Well No: W-1378

## Washed Samples

From-To

From-To

From-To

From-To

From-To

-	-	0 - 25	616 - 631	-
-	-	25 - 42	631 - 646	-
-	-	42 - 57	646 - 666	-
-	-	57 - 72	666 - 671	-
-	-	72 - 80	671 - 691	-

-	-	80 - 91	-	-
-	-	91 - 106	-	-
-	-	106 - 121	-	-
-	-	121 - 136	-	-
-	-	136 - 151	-	-

-	-	151 - 166	-	-
-	-	166 - 181	-	-
-	-	181 - 196	-	-
-	-	196 - 211	-	-
-	-	211 - 226	-	-

-	-	226 - 331 No sample	-	-
-	-	331 -	-	-
-	-	346 -	-	-
-	-	361 -	-	-
-	-	376 -	-	-

-	-	376 - 481 No sample	-	-
-	-	481 -	-	-
-	-	496 -	-	-
-	-	511 - 521	-	-
-	-	521 - 540	-	-

-	-	540 - 556	-	-
-	-	556 - 571	-	-
-	-	571 - 586	-	-
-	-	586 - 601	-	-
-	-	601 - 616	-	-

OWNER: Girl Scout Camp Garth Newell  
DRILLER: Sydnor Pump and Well Co., Inc.  
COUNTY: Bath (Hot Springs)

VDMR #1378  
WWCR #34  
TOTAL DEPTH: 691'

### GEOLOGIC LOG

Overburden (0-57')

- 0-25 Residuum — light-orange-brown, clay, sand and small pebbles of orange-brown to red-brown, medium- to fine-grained sandstone, claystone, and siltstone; minor gray-brown shale.
- 25-42 Clay — light-brown; minor silt and fine sand.
- 42-57 Leached Limestone — tan, pale-orange, and red-brown; claystone, siltstone, ferruginous clay concretions, quartz vein fillings and fragments of quartz crystals; almost no carbonate left.

Trenton and Eggleston formations undivided (57-691')

- 57-72 Limestone — medium-light-gray; very-fine-grained, argillaceous; minor leached material as above.
- 72-80 Limestone and Sandstone — medium-gray, very-fine-grained limestone; brown-gray, very-fine-grained, calcareous sandstone with trace of chert; trace of vein calcite.
- 80-91 Limestone — medium-gray, very-fine-grained, argillaceous; minor pale-pink to dark-red-brown, coarse- to fine-grained sandstone, vein-quartz, light-brown leached limestone; a few fragments of light-gray, sparry, fossiliferous limestone.
- 91-106 Limestone — medium-gray, very-fine-grained, argillaceous; minor medium-light-gray, slightly-brownish, coarsely crystallized fossiliferous limestone.
- 106-121 Limestone — medium-gray, very-fine-grained, very argillaceous; trace light-orange iron-oxide stain.
- 121-136 Limestone — medium-light-gray, very-fine-grained, very argillaceous; minor portion leached to cream color.
- 136-151 Limestone — medium-gray, fine-grained, very argillaceous; trace mica and pyrite.
- 151-166 Limestone — medium-gray, very-fine-grained argillaceous; trace fossils and orange-brown stain.
- 166-181 Limestone — medium-gray, very-fine-grained, argillaceous; trace of vein of calcite and pyrite.

OWNER:	Girl Scout Camp Garth Newell	#1378
181-196	Limestone — medium-gray, very-fine-grained, argillaceous; trace of vein of calcite and pyrite.	
196-211	Limestone — buff; very-fine-grained soft and argillaceous, with minor patches sparry calcite; medium-brown-gray, coarsely crystalline; light-orange-brown stain.	
211-226	As above — less coarsely crystalline limestone.	
226-331	No sample.	
331	Limestone — medium-light-brown-gray, very-fine-grained, dense, minor vein calcite, trace iron-oxide stain.	
346	Limestone — medium-light-gray, very-fine-grained to coarsely crystalline; slight iron-oxide stain; trace calcite and quartz veins.	
361	Limestone — buff to medium-gray, fine-grained, argillaceous; trace vein calcite.	
376	As above — slightly fossiliferous.	
376-481	No sample.	
481	Limestone — light- to dark-gray, fine-grained.	
496	As above — not as dark, lighter portion argillaceous.	
511-521	As above.	
521-540	Limestone — dark-gray, medium-gray, and light-gray; fine-grained; minor vein calcite and trace pyrite; the medium-gray limestone is aphanogranular and translucent; trace iron-oxide stain on fractures.	
540-556	As above — no iron-oxide stain.	
556-571	As above.	
571-586	As above — less light-gray.	
586-601	As above.	
601-616	As above — occasional crystal of carbonate in fine-grained matrix.	
616-631	As above — more light-gray.	
631-646	As above.	

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#1378

- 646-666      Limestone -- dark-gray, medium-gray and light-gray; fine-grained with occasional carbonate rhombohedron; minor vein calcite and trace pyrite; the medium-gray limestone is aphanogranular and translucent; minor fossils probably ostracods in light-gray portion.
- 666-671      As above.
- 671-691      As above.

GEOLOGIC SUMMARY

The well penetrates portions of the Trenton and Eggleston formations of upper middle Ordovician age.

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
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