

INTERVAL SHEET

WWCR - 530

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VDMR Well No: 1402

Date rec'd: October 28, 1965

Sample Interval: from 0 to 484

PROP: David R. Cupp

Number of samples: 31

COMP: Sydnor Pump & Well Company

Total Depth: 489'

COUNTY: Rockingham (Ottobine)

Oil or Gas: Water: XExploratory:

From-To	From-To	From-To	From-To
0 - 20	469 - 484	-	-
20 - 35	-	-	-
35 - 44	-	-	-
44 - 69	-	-	-
69 - 84	-	-	-
84 - 99	-	-	-
99 - 114	-	-	-
114 - 129	-	-	-
129 - 144	-	-	-
144 - 159	-	-	-
159 - 174	-	-	-
174 - 189	-	-	-
189 - 204	-	-	-
204 - 219	-	-	-
219 - 234	-	-	-
234 - 249	-	-	-
249 - 264	-	-	-
264 - 279	-	-	-
279 - 294	-	-	-
294 - 309	-	-	-
309 - 324	-	-	-
324 - 339	-	-	-
339 - 354	-	-	-
354 - 369	-	-	-
369 - 384	-	-	-
384 - 399	-	-	-
399 - 414	-	-	-
414 - 439	-	-	-
439 - 454	-	-	-
454 - 469	-	-	-

Washed samples

OWNER: David R. Cupp
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: Rockingham (Ottobine)

VDMR: 1402
WWCR: 530
TOTAL DEPTH: 489'

GEOLOGIC LOG

Depth in feet

0-20	Sand - vari-colored; some arkosic sandstone
20-35	" with brown clay
35-44	Limestone - gray to dark-gray, finely crystalline, argillaceous, few calcite veins
44-69	Limestone - gray to gray-tan, finely crystalline, argillaceous, few calcite veins, yellow iron stains on planes
69-84	Limestone - dark-gray, finely crystalline, fairly argillaceous, few thin calcite veins, slightly silicified, some black chert, some slickensides
84-99	Limestone - gray, some tan, finely crystalline, argillaceous, few large calcite crystals stained yellow
99-114	Limestone - dark-gray, finely crystalline, fairly argillaceous, silicified, some black chert
114-129	Limestone - gray to blue-gray, finely crystalline, very argillaceous, few calcite veins; tan to light-yellow-orange, very argillaceous; limestone, gray to gray-blue, finely crystalline, slightly argillaceous limestone, with calcite filled voids
129-144	Limestone - gray to tan, finely crystalline, fairly argillaceous, some silicification, black chert
144-159	" with tan, finely crystalline limestone
159-174	Limestone - dark-gray, black, finely crystalline, very argillaceous
174-189	Limestone - gray to dark gray, fine crystalline, argillaceous
189-204	Limestone - gray and dark-gray, mottled with calcite crystals; some light-gray, finely crystalline argillaceous limestone; few calcite veins

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204-219	Limestone - dark-gray, black, finely crystalline, very argillaceous, few calcite veins
219-234	Limestone - medium-gray and green, finely crystalline, very argillaceous, thin bedded, very fine pyrite crystals
234-249	Limestone - dark-gray, finely crystalline, argillaceous
249-264	" with some tan limestone
264-279	"
279-294	"
294-309	"
309-324	"
324-339	"
339-354	" with light-gray, mottled limestone and black chert
354-369	Limestone - medium-to dark-gray mottled with light-gray, crystalline, argillaceous
369-384	" black chert
384-399	" few calcite veins
399-414	Limestone - gray to medium-gray, finely crystalline, argillaceous
414-439	" with few pyrite and calcite crystals
439-454	" "
454-469	Limestone - gray, white, crystalline, mottled, argillaceous, few pyrite and calcite crystals
469-484	" more argillaceous
484-489	No samples

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#1402

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-35	Overburden	
35-484	Conococheague Formation	Cambrian
484-489	No samples	

Virginia Division of Mineral Resources
Warren J. Souder, Geologist
July 1966