

INTERVAL SHEET

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VDMR Well No: 1620

Date rec'd: 6/7/66

Sample Interval: from 0 to 600

PROP: Va. Department of Highways

Number of samples: 59

COMP: Sydnor Pump & Well Company

Total Depth: 600

COUNTY: Frederick (Clearbrook)

Oil or Gas: Water: ^X Exploratory:

From-To	From-To	From-To	From-To
0 - 5	295 - 305	590 - 600	-
5 - 15	305 - 315	-	-
15 - 25	315 - 325	-	-
25 - 35	325 - 335	-	-
35 - 45	335 - 345	-	-
45 - 55	No sample	-	-
55 - 65	350 - 360	-	-
65 - 75	360 - 370	-	-
75 - 85	370 - 380	-	-
85 - 95	380 - 390	-	-
95 - 105	390 - 400	-	-
105 - 115	400 - 410	-	-
115 - 125	410 - 420	-	-
125 - 135	420 - 430	-	-
135 - 145	430 - 440	-	-
145 - 155	440 - 450	-	-
155 - 165	450 - 460	-	-
165 - 175	460 - 470	-	-
175 - 185	470 - 480	-	-
185 - 195	480 - 490	-	-
195 - 205	No sample	-	-
205 - 215	500 - 510	-	-
215 - 225	510 - 520	-	-
225 - 235	520 - 530	-	-
235 - 245	530 - 540	-	-
245 - 255	540 - 550	-	-
255 - 265	550 - 560	-	-
265 - 275	560 - 570	-	-
275 - 285	570 - 580	-	-
285 - 295	580 - 590	-	-

All intervals have both washed and unwashed samples.

OWNER: Virginia Department of Highways
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: Frederick (Clearbrook)

VDMR: 1620
WWCR: 296
TOTAL DEPTH: 600'

GEOLOGIC LOG

Depth in feet

0-5	Clay - reddish-brown, lumpy, porous
5-15	Limestone - gray, very finely crystalline, dense, dolomitic; some black chert
15-25	"
25-35	"
35-45	" with gray-brown, finely crystalline, dense limestone
45-55	" "
55-65	" "
65-75	Limestone - gray to light gray-brown, finely crystalline, dense
75-85	" with few calcite crystals
85-95	Limestone - dark gray to gray-brown, finely crystalline, dense with very small, disseminated calcite crystals; few calcite veins, variable amounts of argillaceous material; some thin interbedded gray to light-gray dense dolomitic limestone
95-105	"
105-115	"
115-125	" with few pyrite crystals
125-135	"
135-145	"
145-155	"
155-165	" with some black chert
165-175	" "
175-185	" more argillaceous

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185-195	Limestone - dark gray to gray-brown, finely crystalline, dense with very small, disseminated calcite crystals; few calcite veins, variable amounts of argillaceous material; some thin interbedded gray to light-gray dense, dolomitic limestone; more fine, disseminated calcite crystals
195-205	"
205-215	" with few pyrite crystals
215-225	" with thin bedded light-gray, finely crystalline dolomite
225-235	"
235-245	" slightly silicified, more argillaceous
245-255	" " with few pyrite crystals
255-265	" " with white to black chert
265-275	Limestone - dark gray to dark gray-brown, fine grain, disseminated calcite crystals, variable amounts of argillaceous material, few large calcite crystals, dense, hard
275-285	"
285-295	" with some smoky black chert
295-305	" more argillaceous
305-315	" "
315-325	"
325-335	"
335-345	"
345-350	No samples
350-360	Limestone - dark gray to dark gray-brown, fine grain, disseminated calcite crystals, variable amounts of argillaceous material, few large calcite crystals, dense, hard

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360-370	Limestone - dark gray to dark gray-brown, fine grain, disseminated calcite crystals, variable amounts of argillaceous material, few large calcite crystals, dense, hard; more argillaceous
370-380	"
380-390	"
390-400	"
400-410	"
410-420	"
420-430	Limestone - dark gray to black, slightly argillaceous, very finely crystalline, hard, platy
430-440	"
440-450	"
450-460	"
460-470	"
470-480	"
480-490	"
490-500	No samples
500-510	Limestone - dark gray to black, slightly argillaceous, very finely crystalline, hard, platy
510-520	"
520-530	"
530-540	"
540-550	"
550-560	" slightly siliceous with some black chert
560-570	" "

