

INTERVAL SHEET

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VDMR Well No: 648

Date rec'd: 4/20/62

Sample Interval: from 0 to: 342'

PROP: Reynolds Metals Co., Well #5

Number of samples: 36

COMP: Sydnor Pump and Well Co.

Total Depth: 342'

COUNTY: Augusta (Grottoes)

Oil or Gas: Water~~X~~ Exploratory:

From-To	From-To	From-To	From-To
0 - 10	272 - 282	-	-
10 - 20	282 - 292	-	-
20 - 30	292 - 302	-	-
30 - 40	302 - 312	-	-
40 - 50	312 - 322	-	-
50 - 60	322 - 332	-	-
60 - 70	- 342	-	-
70 - 80	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
100 - 110	-	Unwashed samples only	
110 - 121	-	-	-
121 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 214	-	-	-
214 - 228	-	-	-
228 - 230	-	-	-
230 - 240	-	-	-
240 - 242	-	-	-
242 - 250	-	-	-
250 - 259	-	-	-
259 - 262	-	-	-
262 - 272	-	-	-

OWNER: Reynolds Metals Company (Well #5)  
DRILLER: Sydnor Pump and Well Company  
COUNTY: Augusta (Grottoes)

VDMR: 648  
WWCR: 24  
TOTAL DEPTH: 342'

GEOLOGIC LOG

Depth in feet

UNCONSOLIDATED SEDIMENT (0-228')

0-10	Clay - yellow, some weathered quartzite
10-20	Quartzite - grayish-orange, weathered
20-30	" much grayish-orange clay
30-40	" much light-brown clay
40-50	" much grayish-orange clay
50-60	" "
60-70	" "
70-80	" "
80-90	" "
90-100	" " some black conglomeratic quartzite
100-110	" " "
110-121	" " "
121-130	" " "
130-140	Clay and Sand - minor quartzite
140-150	"
150-160	"
160-170	"
170-180	"
180-190	"
190-200	"

OWNER: Reynolds Metals Company, Well #5

#648

200-210	Clay and Sand - minor quartzite
210-214	"
214-228	"
ELBROOK FORMATION (228-342 <sup>1</sup> )	
228-230	Limestone - dark-gray, fine-grained, crystalline, argillaceous, weathered; much light-brown clay
230-240	Limestone - dark-gray, fine-grained, crystalline, argillaceous; some grayish-orange clay
240-242	"
242-250	"
250-259	Clay - grayish-orange
259-262	Limestone - dark-gray, fine-grained, crystalline, argillaceous, weathered; some grayish-orange clay, some quartzite
262-272	" increase in clay
272-282	Limestone - light- to dark-gray, fine-grained, crystalline, argillaceous; some grayish-orange clay
282-292	"
292-302	"
302-312	"
312-322	" minor quartzite
322- <sup>332</sup> 342	"

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-228 <sup>1</sup>	Unconsolidated sediment	Pleistocene
228-342 <sup>1</sup>	Elbrook Formation	Cambrian

Virginia Division of Mineral Resources  
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