

VDMR WELL NO. 0258

Sample Interval 70-890

Total Depth 894

Oil \_\_\_ Gas \_\_\_ Water  Exploratory \_\_\_

Cuttings  Core \_\_\_ Other \_\_\_

See Sinnott's manuscript on Water Wells in Northern Neck Table 13

Sheet No. 1

PROP: UNION BETHEL CHURCH  
 2 MILES N. E. EDGE HILL.  
 COMP: REYNOLDS & NORMAN  
 COUNTY: KING GEORGE  
 VDMR: WELL NO. 0258  
 FROM: TO:

From-To	From-To	From-To	From-To	From-To
70-90 52	WASHED & FLOATED SAMPLES	410-430 2	790-810 30	-
90-110 72	-	430-450 29	810-830 1	-
110-130 83	70-90 15	450-470 20	830-850 1	-
130-150 63	90-110 22	470-490 18	850-890 23	-
150-170 96	110-130 45	490-510 21	-	-
170-190 74	130-150 32	510-530 21	-	-
190-210 83	150-170 44	530-550 15	-	-
210-230 75	170-190 18	550-570 23	-	-
230-250 46	190-210 42	570-590 5	-	-
250-270 69	210-230 22	590-610 12	-	-
270-290 44	230-250 24	610-630 31	-	-
290-310 80	250-270 18	630-650 12	-	-
310-330 81	270-290 40	650-670 14	-	-
330-350 56	290-310 26	670-690 12	-	-
350-370 63	310-330 38	690-710 22	-	-
-	330-350 34	710-730 31	-	-
-	350-370 40	730-750 12	-	-
-	370-390 1	750-770 17	-	-
-	390-410 2	770-790 19	-	-

OWNER: Union Bethel Church VDMR # 0258  
DRILLER: Reynolds and Norman WWCR # 8  
COUNTY: King George County. (2 mi. NE Edge Hill) Depth: 890'

SAMPLE EXAMINATION  
(washed)

70-90 Sand, quartz, very fine grained, white, angular

90-110 Clay, brown, sandy, calcareous

110-130 Sand, quartz, gray, very fine grained, glauconitic, angular, with shell fragments

130-150 Clay, brown, sandy, glauconitic, soft, with shell fragments

150-170 Sand quartz and glauconite, gray, very fine to fine grained, subangular, micaceous, argillaceous

170-190 Clay, brown, sandy, glauconitic, soft, micaceous

190-210 Marl: Shell fragments, clay, glauconite, and quartz grains

210-270 Clay, brown, glauconitic, soft with shell fragments

270-290 Sand, quartz and glauconite, gray, argillaceous

290-310 Clay, brown, glauconitic, very sandy with shell fragments

310-330 Sand, predominantly dark green-black glauconite, with minor quartz and clay. Abundant shell fragments

330-350 Sand quartz, very fine to fine grained, very argillaceous, glauconitic, with shell fragments

350-370 Clay, brown pink, very sandy, glauconitic, soft, with shell fragments

370-390 Clay, brown pink, sandy, micaceous

390-410 Sand, quartz, very fine grained, micaceous, glauconitic, argillaceous

410-430 Clay, brown pink, sandy, glauconitic

430-670 Sand, quartz, very fine to fine grained, angular to subangular, slightly glauconitic to glauconitic, abundant clay in part, shell fragments at top

- 670-690 Clay, red and ochre
- 690-790 Sand, quartz, angular, slightly glauconitic to glauconitic, very fine to fine grained, with abundant clay
- 790-810 Clay, red and ochre, firm with abundant fine to medium grained sand.
- 810-850 Clay, tan, soft, waxy when dry
- 850-890 Sand, quartz, white to lavender, fine to medium grained, angular to subangular, clear to frosted.

GEOLOGIC SUMMARY

Miocene	Chesapeake Gp.	? -110'
Eocene	Pamunkey Gp.	110- 370'
Paleo-Cret	Mattaponi Fm.	370 -850'
Cretaceous	Potomac Gp.(?)	850 - T. D.

VIRGINIA DIVISION OF MINERAL RESOURCES  
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