

County: Nansemond  
VDMR Well #1217

Well: V-66-7  
Property Owner: City of Norfolk  
Driller: Froehling and Robertson  
Location: Along farm road 100 feet northwest of intersection of State Road 605  
and State Road 633  
Altitude Top of Hole: 57.5 feet  
Total Depth: 46.0 feet  
Started Drilling: June 16, 1966  
Completed Drilling: June 17, 1966  
Sample Description by: N. K. Coch

### GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-29.0'	29'	Elberon	Middle Pleistocene
29.0'-43.0'	14'	Sedley	Pliocene ?
43.0'-46.0'	3'	Yorktown	Late Miocene

## GEOLOGIC LOG

Formation	Depth in feet	Thickness in feet	Description
Elberon	0.0-4.0	4	Flush Interval
	4.0-6.0	2	Clay - gray, fine-sandy, very minor limonite blotching 4.0'-5.0' - 14 blows per foot 5.0'-6.0' - 25 blows per foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Clay - gray, fine-sandy, laminated with horizontal limonitic crusts (possibly thin sand laminae) 9.0'-10.0' - 28 blows per foot 10.0'-11.0' - 63 blows per foot
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Clay - sandy, very-finely laminated, limonitic staining outlines very thin laminae of fine sand 14.0'-15.0' - 17 blows per foot 15.0'-16.0' - 12 blows per foot
	16.0-19.0	3	Flush Interval
	19.0-21.0	2	19.0'-20.0' - 27 blows per foot 20.0' - 21.0' - 52 blows per foot
	21.0-24.0	3	Flush Interval
	24.0-26.0	2	Clay - gray, silty, grades downward into medium-coarse sand with some granules and streaks of gray clay 24.0'-25.0' - 16 blows per foot 25.0'-26.0' - 21 blows per foot
	26.0-29.0	3	Flush Interval (Ferricrete, coarse sand, and granules in wash at 28.0')

## VDMR Well #1217

Formation	Depth in feet	Thickness in feet	Description
Sedley	29.0-31.0	2	Sand - dark-bluish-gray, medium, well-washed, wood at top (brown-cypress ?). Looks like sharp contact between this layer and material in 26.0'-28.0' interval 29.0'-30.0' - 18 blows per foot 30.0'-31.0' - 33 blows per foot
	31.0-34.0	3	Flush Interval (Much wood and medium coarse sand in wash)
	34.0-36.0	2	Sand - dark-bluish-gray, medium-coarse, well-washed, sharp contact with brown wood at base 34.0'-35.0' - 29 blows per foot 35.0'-36.0' - 24 blows per foot
	36.0-39.0	3	Flush Interval
	39.0-41.0	2	Silt - dark-greenish-gray, fine sandy, micaceous. Thin laminae of fine to medium darker-green sand 39.0'-40.0' - 5 blows per foot 40.0'-41.0' - 8 blows per foot
	41.0-43.0	2	Flush Interval
Yorktown	43.0-44.0	1	Flush Interval (shells in wash)
	44.0-46.0	2	Sand - dark-greenish-gray, very-fine, very fossiliferous (25 percent volume) all small specks, no whole or large fragments 44.0'-45.0' - 6 blows per foot 45.0'-46.0' - 11 blows per foot

VIRGINIA DIVISION OF MINERAL RESOURCES  
Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

Page 1 of 1

Well Repository No: 1217

Date rec'd: 8/3/66

Sample Interval: from 4 to 46

PROPERTY: Coch V-7

Number of samples: 9

COMPANY: Froehling & Robertson

Total Depth: 46

COUNTY: Nansemond

Oil or Gas: Water: Exploratory: X

From - To	From - To	From - To	From - To
4 - 6	-	-	-
9 - 11	-	-	-
14 - 16	-	-	-
19 - 21	-	-	-
24 - 26	-	-	-
29 - 31	-	-	-
34 - 36	-	-	-
39 - 41	-	-	-
44 - 46	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples