

County: Surry  
VDMR Well #1964

Well: V-67-4  
Property Owner: State, road right-of-way  
Driller: Froehling and Robertson  
Location: East side of State Road 617, 3.2 miles east of intersection of State  
Highway 10 and State Road 617  
Altitude Top of Hole: 45.2 feet  
Total Depth: 41 feet  
Started Drilling: June 13, 1967  
Completed Drilling: June 13, 1967  
Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth in feet	Thickness in feet	Formation	Age
0.0-37.0	37.0	Norfolk	Late Pleistocene
37.0-41.0	4.0	Yorktown	Late Miocene

## GEOLOGIC LOG

Formation	Depth in feet	Thickness in feet	Description
Norfolk	0-4.0	4	Flush Interval
	4.0-6.0	2	Sand - orangish-tan, medium-coarse, well-sorted, trace of granules (fill) 4.0'-5.0' - 10 blows per foot 5.0'-6.0' - 7 blows per foot Compressive strength: no reading
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Sand - dark-blue, medium, trace of coarse, silty (20%), homogeneous 9.0'-10.0' - 2 blows per foot 10.0'-11.0' - 4 blows per foot Compressive strength: 0.1 ton per square foot
	11.0-14.0	3	Flush Interval
	14.0-15.0	1	Silt,- dark blue, large shell fragments, soft 14.0'-15.0' - 8 blows per foot Compressive strength: no reading
	15.0-16.0	1	Silt - orange and greenish-tan, inter-laminated, non-calcareous Blows per foot not taken Compressive strength: no reading'
	16.0-19.0	3	Flush Interval
	19.0-21.0	2	Silt-dark-orangish-brown, streaks of gray 19.0'-20.0' - 6 blows per foot 20.0'-21.0' - 7 blows per foot Compressive strength: 0.8 ton per square foot
	21.0-24.0	3	Flush Interval
	24.0-26.0	2	Silt - pink, gray, blue, and orange, interlaminated 24.0'-25.0' - 3 blows per foot 25.0'-26.0' - 2 blows per foot Compressive strength: no reading

## VDMR Well #1964

Formation	Depth in feet	Thickness in feet	Description
Norfolk	26.0-29.0	3	Flush Interval
	29.0-31.0	2	Sand - greenish-brown, medium, silty (35%), high percentage opaque minerals 29.0'-30.0' - Weight of Hammer 30.0'-31.0' - Weight of Hammer Compressive strength: no reading
	31.0-34.0	3	Flush Interval
	34.0-36.0	2	Silt - bluish-gray, sandy, and interlaminated sand, greenish-brown, silty, high percentage opaque minerals 34.0'-35.0' - Weight of Hammer 35.0'-36.0' - Weight of Hammer Compressive strength: no reading
	36.0-37.0	3	Flush Interval
Yorktown	37.0-39.0	2	Flush Interval
	39.0-41.0	2	Sand - greenish-gray, medium-coarse, silty (15%), highly fossiliferous, shells badly decomposed 39.0'-40.0' - 18 blows per foot 40.0'-41.0' - 30 blows per foot Compressive strength: no reading

INTERVAL SHEET

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VDMR Well No: 1964

Date rec'd: 9/14/67

Sample Interval: from 4 to 41

PROP: State Right of Way  
Well V-67-4

Number of samples: 9

COMP: Froehling and Robertson

Total Depth: 41'

COUNTY: Surry

Oil or Gas: Water: Exploratory: X

From-To	From-To	From-To	From-To
4 - 6	-	-	-
9 - 11	-	-	-
14 - 15	-	-	-
15 - 16	-	-	-
19 - 21	-	-	-
24 - 26	-	-	-
29 - 31	-	-	-
34 - 36	-	-	-
39 - 41	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples