

County: Surry
VDMR Well #1965

Well: V-67-5
Property Owner: E. L. Boyce
Driller: Froehling and Robertson
Location: 100 feet west of State Road 617, 4.3 miles east of intersection of
State Highway 10 and State Road 617.
Altitude Top of Hole: 37.5 feet
Total Depth: 61.0 feet
Started Drilling: June 13, 1967
Completed Drilling: June 13, 1967
Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-52.5'	52.5'	Norfolk	Late Pleistocene
52.5'-61.0'	8.5'	Yorktown	Late Miocene

GEOLOGIC LOG

Formation	Depth in feet	Thickness in feet	Description
Norfolk	0.0-4.0	4	Flush Interval
	4.0-6.0	2	Clay - gray, silty with thin laminae of silt, sandy, orange 4.0'-5.0' - 14 blows per foot 5.0'-6.0' - 24 blows per foot Compressive strength: 4.1 tons per square foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Sand - orange and gray, silty (20 percent) 9.0'-10.0' - 22 blows per foot 10.0'-11.0' - 30 blows per foot Compressive strength: 2.0 tons per square foot
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Sand - orangish-tan, medium, well-sorted, homogeneous 14.0'-15.0' - 8 blows per foot 15.0'-16.0' - 11 blows per foot Compressive strength: no reading
	16.0-19.0	3	Flush Interval
	19.0-21.0	2	Sand - tan, medium, trace coarse 19.0'-20.0' - 12 blows per foot 20.0'-21.0' - 13 blows per foot Compressive strength: no reading
	21.0-24.0	3	Flush Interval
	24.0-26.0	2	Sand - tan, medium, trace coarse, opaque mineral laminae 24.0'-25.0' - 8 blows per foot 25.0'-26.0' - 4 blows per foot Compressive strength: no reading
	26.0-29.0	3	Flush Interval

VDMR Well #1965

Formation	Depth in feet	Thickness in feet	Description
Norfolk	29.0-31.0	2	Similar to 24.0-26.0 interval but gray 29.0'-30.0' - 18 blows per foot 30.0'-31.0' - 25 blows per foot Compressive strength: no reading
	31.0-34.0	3	Flush Interval
	34.0-36.0	2	Sand - gray, medium, with interlaminated, silt, purplish-gray and clay, gray 34.0'-35.0' - 6 blows per foot 35.0'-36.0' - 8 blows per foot Compressive strength: no reading
	36.0-39.0	3	Flush Interval
	39.0-41.0	2	Sample not recovered 39.0'-40.0' - 3 blows per foot 40.0'-41.0' - 9 blows per foot
	41.0-44.0	3	Flush Interval
	44.0-46.0	2	Sand - dark-gray, coarse, trace of medium sand and pieces of organic material 44.0'-45.0' - 13 blows per foot 45.0'-46.0' - 10 blows per foot Compressive strength: no reading
	46.0-49.0	3	Flush Interval
	49.0-51.0	2	Sand - dark-tan, medium-coarse, trace of silt and granules 49.0'-50.0' - 19 blows per foot 50.0'-51.0' - 15 blows per foot Compressive strength: no reading
	51.0-52.5	1.5	Flush Interval
Yorktown	52.5-54.0	1.5	Flush Interval

Formation	Depth in feet	Thickness in feet	Description
Yorktown	54.0-56.0	2	Sand - greenish-gray, silty (30 percent), shell fragments, non-calcareous matrix 54.0'-55.0' - 5 blows per foot 55.0'-56.0' - 8 blows per foot Compressive strength: 0.4 ton per square foot
	56.0-59.0	3	Flush Interval
	59.0-61.0	2	Sand - greenish-gray, silty, shell fragments, calcareous matrix 59.0'-60.0' - readings 60.0'-61.0' - not taken Compressive strength: no readings

INTERVAL SHEET

Page 1 of 1

VDMR Well No: 1965

Date rec'd: 9/15/67

Sample Interval: from 4 to: 61

PROP: E. L. Boyce
Well V-67-5

Number of samples: 12

COMP: Froehling and Robertson

Total Depth: 61'

COUNTY: Surry

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	-	-	-
49 - 51	-	-	-
54 - 56	-	-	-
59 - 61	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples