

Well: V-66-3

Property Owner: Roundtree Dairy Inc.

Driller: Froehling and Robertson

Location: North side of State Road 706, 0.25 mile east of State Highway 10

Altitude Top of Hole: 56.0 feet

Total Depth: 50.0 feet

Started Drilling: June 13, 1966

Completed Drilling: June 13, 1966

Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-18.0'	18'	Elberon	Middle Pleistocene
18.0'-36.0'	18'	Sedley	Pliocene ?
36.0'-50.0'	14'	Yorktown	Late Miocene

GEOLOGIC LOG

Formation	Depth in feet	Thickness in feet	Description
Elberon	0.0-2.0	2	Sand - tan, fine-medium, well-sorted 0.0'-1.0' - 7 blows per foot 1.0'-2.0' - 5 blows per foot
	2.0-4.0	2	Sand - orange-tan, fine-medium, about 15 percent silt and clay 2.0'-3.0' - 4 blows per foot 3.0'-4.0' - 4 blows per foot
	4.0-6.0	2	Sand - gray, with tan and orange mottling, medium, trace of coarse sand 4.0'-5.0' - 8 blows per foot 5.0'-6.0' - 9 blows per foot
	6.0-8.0	2	Sand - yellowish-tan with orange and orange-red blotches, fine, trace of medium sand, grades into tannish-white at base 6.0'-7.0' - 12 blows per foot 7.0'-8.0' - 10 blows per foot
	8.0-10.0	2	Sand - tan, fine, grades into gray at base, 10-15 percent silt and clay 8.0'-9.0' - 8 blows per foot 9.0'-10.0' - 9 blows per foot
	10.0-12.0	2	Sand - tan, medium-coarse, some granules with some bright orange areas 10.0'-11.0' - 10 blows per foot 11.0'-12.0' - 5 blows per foot
	12.0-14.0	2	Sand - grayish-white, coarse 12.0'-13.0' - 5 blows per foot 13.0'-14.0' - 4 blows per foot
	14.0-16.0	2	Sand - bright orange at base, medium, well sorted 14.0'-15.0' - 8 blows per foot 15.0'-16.0' - 17 blows per foot

VDMR Well #1213

Formation	Depth in feet	Thickness in feet	Description
Elberon	16.0-18.0	2	Sand - gray, medium, some granules, thin organic zone (wood?) 16.0'-17.0' - 20 blows per foot 17.0'-18.0' - 22 blows per foot
Sedley	18.0-20.0	2	Sand - bluish-gray, coarse, 20 percent clay, laminae of blue silt, composed of heavy minerals and fine sand 18.0'-19.0' - 12 blows per foot 19.0'-20.0' - 6 blows per foot
	20.0-22.0	2	Flush Interval
	22.0-24.0	2	Sand - silt, and clay, bluish-gray, large mica flakes interlaminated 20.0'-21.0' - 3 blows per foot and Weight of Hammer 22.0'-23.0' - 2 blows per foot 23.0'-24.0' - 3 blows per foot
	24.0-26.0	2	Silt - dark-bluish-gray, very-thin laminae of medium sand 24.0'-25.0' - 3 blows per foot 25.0'-26.0' - 3 blows per foot
	26.0-34.0	8	Flush Interval
	34.0-36.0	2	Silt and sand - similar to above, but much more sand 34.0'-35.0' - Weight of Hammer 35.0'-36.0' - 3 blows per foot 36.0'-37.0' - 13 blows per foot
Yorktown	36.0-37.0	1	Sand - bluish-green, clayey, fossiliferous (35 percent vol) Possible lag granules at contact
	37.0-39.0	2	Flush Interval
	39.0-41.0	2	Sand - greenish-gray, fine, many small shell fragments, good bedding - plane fabric 39.0'-40.0' - 10 blows per foot 40.0'-41.0' - 15 blows per foot
	41.0-50.0	9	Flush Interval. Material similar to 39.0'-41.0' interval. Bottom of hole 50.0

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

INTERVAL SHEET

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Well Repository No: 1213

Date rec'd: 8/2/66

Sample Interval: from 0 to: 53

PROPERTY: Coch V-3

Number of samples: 16

COMPANY: Froehling & Robertson

Total Depth: 53

COUNTY: Nansemond

Oil or Gas: Water: Exploratory: X

From - To	From - To	From - To	From - To
0 - 2	-	-	-
2 - 4	-	-	-
4 - 6	-	-	-
6 - 8	-	-	-
8 - 10	-	-	-
10 - 12	-	-	-
12 - 14	-	-	-
14 - 16	-	-	-
16 - 18	-	-	-
20 - 22	-	-	-
22 - 24	-	-	-
24 - 26	-	-	-
34 - 36	-	-	-
36 - 37*	-	-	-
39 - 41	-	-	-
41 - 53	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

*Unwashed sample only