

County: Nansemond
VDMR Well #1226

Well: V-66-16

Property Owner: Western Branch Baptist Church

Driller: Froehling and Robertson

Location: NW side of State Road 632, 0.25 mile NE of State Road 608.

Altitude Top of Hole: 78.7 feet

Total Depth: 41.0 feet

Started Drilling: June 24, 1966

Completed Drilling: June 24, 1966

Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-29.0'	29'	Elberon	Middle Pleistocene
29.0'-39.0'	10'	Sedley	Pliocene ?
39.0'-41.0'	2'	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	Sand - gray with bright orange mottling, medium-to coarse, clayey, laminated 4.0'-5.0' - 11 blows per foot 5.0'-6.0' - 12 blows per foot Compressive strength: 2.3 tons per square foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Sand - tan with orange and orange-red mottling, medium to coarse, somewhat-clayey (20 percent), streaks of gray silt 9.0'-10.0' - 2 blows per foot 10.0'-11.0' - 2 blows per foot
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Sand - dark-gray, coarse, with chunks or streaks of dark-gray silt 14.0'-15.0' - 10 blows per foot 15.0'-16.0' - 7 blows per foot
	16.0-19.0	3	Flush Interval
	19.0-21.0	2	Sand - grayish-tan, medium, well sorted 19.0'-20.0' - 11 blows per foot 20.0'-21.0' - 17 blows per foot
	21.0-24.0	3	Flush Interval
	24.0-26.0	2	Sand - dark-gray, coarse, streaks of black (organic ?), trace of silt 24.0'-25.0' - 15 blows per foot 25.0'-26.0' - 16 blows per foot
	26.0-29.0	3	Flush Interval

Formation	Depth in feet	Thickness in feet	Description
Sedley	29.0-31.0	2	Silt - greenish-gray, laminated 29.0'-30.0' - Weight of Hammer 30.0'-31.0' - Weight of Hammer Compressive strength: 0.3 ton per square inch
	31.0-34.0	3	Flush Interval
	34.0-36.0	2	Silt - bluish-green, laminated with silt, olive green, sandy 34.0'-35.0' - 2 blows per foot 35.0'-36.0' - 3 blows per foot Compressive strength: 0.5 ton per square foot
	36.0-39.0	3	Flush Interval
Yorktown	39.0-41.0	2	Silt - olive-green, highly fossiliferous (80 percent), with irregular blobs of silt, bluish-green, slightly fossiliferous, some dark areas (manganese ?) 39.0'-40.0' - 6 blows per foot 40.0'-41.0' - 10 blows per foot Compressive strength: 0.7 ton per square foot

INTERVAL SHEET

Page 1 of 1 Well Repository No: 1226
 Date rec'd: 8/10/66 Sample Interval: from 4 to: 41
 PROPERTY: Coch V-16 Number of samples: 7
 COMPANY: Froehling & Robertson Total Depth: 41
 COUNTY: Nansemond Oil or Gas: Water: Exploratory:

From - To	From - To	From - To	From - To
4 - 6	-	-	-
9 - 16	-	-	-
16 - 21	-	-	-
24 - 29	-	-	-
29 - 31	-	-	-
34 - 36	-	-	-
39 - 41	-	-	-
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All intervals have both washed and unwashed samples