

County: Surry
VDMR Well #1967

Well: V-67-7
Property Owner: State, road right-of-way
Driller: Froehling and Robertson
Location: East side of State Road 634, 1.0 mile north of intersection of
State Road 633 and State Road 634
Altitude Top of Hole: 75.0 feet
Total Depth: 46.0 feet
Started Drilling: June 14, 1967
Completed Drilling: June 14, 1967
Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-28.0'	28.0'	Elberon	Middle Pleistocene
28.0'-37.0'	9.0'	Sedley	Pliocene ?
37.0'-46.0'	9.0'	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	Silt - gray, sandy, and sandy, orange, silty, some brick-red blotches 4.0'-5.0' - 15 blows per foot 5.0'-6.0' - 21 blows per foot Compressive strength: 1.25 tons per square foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Similar to 4.0'-6.0' interval except orange sand layers are coarser and percent of red blotching increases 9.0'-10.0' - 15 blows per foot 10.0'-11.0' - 19 blows per foot Compressive strength: 1.75 tons per square foot
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Sand - red, medium-coarse and silt, gray, sandy, some orange-tan blotches 14.0'-15.0' - 14 blows per foot 15.0'-16.0' - 20 blows per foot Compressive strength: 1.9 tons per square foot
	16.0-19.0	3	Flush Interval
	19.0-21.0	2	Similar to 14.0'-16.0' interval but less silty 19.0'-20.0' - 12 blows per foot 20.0'-21.0' - 15 blows per foot Compressive strength: 1.0 ton per square foot
	21.0-24.0	3	Flush Interval

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Formation	Depth in feet	Thickness in feet	Description
Elberon	24.0-26.0	2	Similar to 14.0'-16.0' interval but finer grained 24.0'-25.0' - 11 blows per foot 25.0'-26.0' - 11 blows per foot Compressive strength: no reading
	26.0-28.0	2	Flush Interval
Sedley	28.0-29.0	1	Flush Interval
	29.0-31.0	2	Silt - gray, laminated and sand, orange and tan, silty 29.0'-30.0' - 6 blows per foot 30.0'-31.0' - 8 blows per foot Compressive strength: 0.7 ton per square foot
	31.0-34.0	3	Flush Interval
	34.0-36.0	2	Similar to 31.0'-34.0' interval but brownish-orange Compressive strength: not recorded
	36.0-37.0	1	Flush Interval
Yorktown	37.0-39.0	2	Flush Interval
	39.0-41.0	2	Silt - olive-gray, sandy, fossiliferous 39.0'-40.0' - 8 blows per foot 40.0'-41.0' - 9 blows per foot Compressive strength: 1.4 tons per square foot
	41.0-44.0	3	Flush Interval
	44.0-46.0	2	Silt - olive-gray, very-fossiliferous, high percentage opaque minerals, quartz granules 44.0'-45.0' - 10 blows per foot 45.0'-56.0' - 12 blows per foot Compressive strength: 1.5 tons per square foot

INTERVAL SHEET

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VDMR Well No: 1967

Date rec'd: 9/18/67

Sample Interval: from 4 to: 46

PROP: State Right of Way
Well V-67-7

Number of samples: 9

COMP: Fruehling and Robertson

Total Depth: 46'

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	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
All intervals have both washed and unwashed samples			
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-