

County: Prince George
VDMR Well #1998

Well: V-67-38
Property Owner: State, road-right-of-way
Driller: Froehling and Robertson
Location: Northeast side of State Road 636, 100 feet southeast of intersection
of State Road 636 and State Road 686
Altitude Top of Hole: 138.0 feet
Total Depth: 36.0 feet
Started Drilling: June 30, 1967
Completed Drilling: June 30, 1967
Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-32.0'	32.0'	Bacons Castle (?)	Pliocene ?
32.0'-36.0'	4.0'	Bacons Castle	Pliocene

GEOLOGIC LOG

Formation	Depth in feet	Thickness in feet	Description
Bacons Castle	0.0-4.0	4	Flush Interval
	4.0-6.0	2	Silt - olive-gray, trace fine sand, red blotches 4.0'-5.0' - 31 blows per foot 5.0'-6.0' - 49 blows per foot Compressive strength: 4.5 tons per square foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Silt - gray, similar to 4.0'-6.0' interval but brown mottling near base 9.0'-10.0' - 18 blows per foot 10.0'-11.0' - 33 blows per foot Compressive strength: 4.2 tons per square foot
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Silt - gray, laminated, dark-orange-brown bands 14.0'-15.0' - 13 blows per foot 15.0'-16.0' - 17 blows per foot Compressive strength: 2.5 tons per square foot
	16.0-19.0	3	Flush Interval
	19.0-21.0	2	Silt - orange, thinly-laminated, gray blotches 19.0'-20.0' - 11 blows per foot 20.0'-21.0' - 21 blows per foot
	21.0-24.0	3	Flush Interval
	24.0-26.0	2	Silt - gray, dark orange-brown at base 24.0'-25.0' - 10 blows per foot 25.0'-26.0' - 21 blows per foot Compressive strength: 4.25 tons per square foot
	26.0-29.0	3	Flush Interval

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Formation	Depth in feet	Thickness in feet	Description
Bacons Castle	29.0-31.0	2	Silt - dark-brown, gray areas, dark-brown crusts 29.0'-30.0' - 9 blows per foot 30.0'-31.0' - 18 blows per foot Compressive strength: 1.5 tons per square foot
	31.0-32.0	1	Flush Interval
Bacons Castle	32.0-34.0	2	Flush Interval
	34.0-36.0	2	Sand - tan, fine-medium, noticeable opaque minerals, black areas, streaks of tan fine-sandy silt 34.0'-35.0' - 4 blows per foot 35.0'-36.0' - 5 blows per foot Compressive strength: no reading

Base of boring, end of 1967 drilling project

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Bacons Castle	29.0-31.0	2	Silt - dark-brown, gray areas, dark-brown crusts 29.0'-30.0' - 9 blows per foot 30.0'-31.0' - 18 blows per foot Compressive strength: 1.5 tons per square foot
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Bacons Castle	32.0-34.0	2	Flush Interval
	34.0-36.0	2	Sand - tan, fine-medium, noticeable opaque minerals, black areas, streaks of tan fine-sandy silt 34.0'-35.0' - 4 blows per foot 35.0'-36.0' - 5 blows per foot Compressive strength: no reading

Base of boring, end of 1967 drilling project] d

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