

OWNER: Williamsburg Steam Laundry
DRILLER: Sydnor Well & Pump
COUNTY: James City (Williamsburg)

W#: 71
C#: 17
TOTAL DEPTH: 416'

GEOLOGIC LOG

Depth
(feet)

0-254 No Sample.

254-270 Sand - light gray; washed; medium to coarse grained; sub-angular; moderately well sorted; quartz; 20% shell fragments; some black phosphatic material; few bone fragments and fecal pellets; few limestone fragments; forams (inc. Marginulina and Robulus) scarce.

270-275 No Sample.

NANJEMOY FORMATION (275-288+)

275-277'10" Limestone (rotten) - salt and pepper; sandy; fine to coarse grained; quartz; glauconite; pyrite (reacted?); few shell fragments.

275-278 As above, only fragmented and washed.

288 Limestone to calcareous sandstone - gray; fine to coarse quartz and glauconite grains.

288-410 No Sample.

PATUXENT FORMATION (410-416+)

410-416 Sand - light gray; washed; medium to coarse grained; sub-angular to subrounded; moderately well rounded; quartz; feldspar.

GEOLOGIC SUMMARY

<u>Thickness</u> (feet)	<u>Rock Unit</u>	<u>Time Rock Unit</u>
254	NO SAMPLE	
16	Calvert Formation	Miocene-Eocene
5	NO SAMPLE	
13	Nanjemoey Formation	Eocene
122	NO SAMPLE	
16	Patuxent Formation	Cretaceous

Virginia Division of Mineral Resources
David A. Hubbard, Jr., Geologist
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