

OWNER: Peakes Industrial School
DRILLER: Sydnor
COUNTY: Hanover Co. (Town of Peake (?))

VDMR # 0200
WWCR # 6
Depth: 250'

SAMPLE EXAMINATION
(washed)

0-17	Clay, tan, sandy
17-45	Gravel and sand
45-75	No sample
75-108	Clay, brown, gray, green, with shell fragments
108-130	No sample
130-170	Clay, brown, gray, glauconitic, soft, sandy, micaceous toward base and less glauconitic
170-190	No sample
190-220	Clay, gray, brown, firm, micaceous, glauconitic. Shell fragments 210-220
220-230	Sand, quartz, fine grained to gravel size, angular with glauconite and shell fragments
230-240	Sand, quartz, fine grained, angular, very micaceous (biotite) and arkosic?

GEOLOGIC SUMMARY

Pleistocene	Columbia Gp.	Surface-
Miocene	Chesapeake Gp.	?-130
Eocene	Aquia FM.	130- T.D.

REMARKS

The presence of abundant mica, particularly the biotite may indicate basement or close proximity to same. The sample was too fine to ascertain presence of feldspar.

VIRGINIA DIVISION OF MINERAL RESOURCES
William Dudley, Geologist
November 1958

VDMR Well No. 0200

Loc: Town of Peake (?)

Hanover Co.

Prop: Peakes Industrial School

Contractor: Sydnor

<u>Interval</u>	<u>Description</u>	
	PLEISTOCENE	COLUMBIA GP.
0-17	clay, tan, sandy	
17-45	gravel and sand	
45-75	no sample	
	MIOCENE	CHESAPEAKE GP.
75-108	clay, brown-gray-green, with shell fragments	
108-130	no sample	
	EOCENE	AQUIA FM
130-170	clay, brown gray, glauconitic, soft, sandy, micaceous toward base and less glauconitic	
170-190	no sample	
190-220	clay, gray-brown, firm, micaceous, glauconitic. Shell fragments 210-220	
220-230	sand, quartz, fine grained to gravel size, angular with glauconite and shell fragments	
230-240	sand, quartz, fine grained, angular, very micaceous (biotite) and arkosic?	

SUMMARY

Pleistocene	Columbia Gp.	surface
Miocene	Chesapeake Gp.	? - 130'
Eocene	Aquia Fm.	130 -T.D.

The presence of abundant mica, particularly the biotite may indicate basement or close proximity to same. The sample was too fine to ascertain presence of feldspar.