VDMR WELL NO. 0200 Sample Interval 0 -2 40 PROP: PEAKESINDUSTRIAL Total Depth SCHOOL Oil Gas Water Exploratory COMP: SYDNOR COUNTY: HANOVER VDMR WELL NO. 0200 Cuttings Core \_\_\_\_ Other \_\_\_\_ TO: FROM: From-To From-To From-To From-To From-To WASHED SAMPLES 0-18 18-38 0-18 38-45 18-38 38-45 76-108 45-76 131-150 76-108 150-170 11-208 108-131 208-220 170-191 220-224 208-220 224-229 220-224 224-229 229-240



OWNER: DRILLER: COUNTY: Peakes Industrial School

Sydnor

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 7
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. SurfaceMiocene 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



Market St.

VDMR Well No. 0200 Loc: Town of Peake (?) Hanover Co.

Prop: Peakes Industrial School

Contractor: Sydnor

Interval	PLEISTOCENE Description COLUMBIA GP.
0-17	PLEISTOCENE COLUMBIA GP. clay, tan, sandy
17-45	gravel and sand
45-75	no sample
	MI OCENE CHESAPEAKE GP.
75-108	clay, brown-gray-green, with shell fragments
108-130	no sample EOCENE AOUIA 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 ? - 130/ Miocene Chesapeake Gp. Eocene Aquia Fm. 130 -T.D.

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