VIRGINIA DIVISION OF MINERAL RESOURCES
Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

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W#: 208
Well Repository No: C#: 4

Date rec'd: Date Processed:

Sample Interval: from: 204 to: 400

PROPERTY: J. R. Seward (Cole Point)

Number of samples:

COMPANY:

Total Depth:

COUNTY: Westmoreland

Oil or Gas: Water: Exploratory:

From-To	From-To Washed Samples	From-To Washed & Floated Samples	From-To
204'-	-	-	-
-	-	-	-
-	204' -	204 - 210	-
-	260 - 270	210 - 220	-
-	280 - 290	220 - 230	-
	340 - 350	240 - 250	
-	-	250 - 260	-
-	-	260 - 270	-
-	-	270 - 280	-
-	-	280 - 290	-
-	-	290 - 300	-
		300 - 310	
-	-	330 - 340	-
-	-	350 - 360	-
-	-	370 - 380	-
-	-	390 - 400	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

OWNER: J. R. Seward
(Cole Point)
DRILLER:
COUNTY: Westmoreland

W#: 208
C#: 4
TOTAL DEPTH: 400'
QUAD: St. Clements Is.
or Piney Point

GEOLOGIC LOG

Depth (feet)	
0 - 204	No sample.
204 - 210	Sand - white; medium grained, some coarse grains; subangular to subrounded; well sorted; quartz; 20% shell fragments; 2% black phosphatic material; few gypsum crystals; bone fragment. (washed and floated only).
204	Sand - salt and pepper; medium grained, some fine grains, some coarse grains; subangular to rounded; moderately well sorted; quartz; 10% glauconite; 3% shell fragments; forams (inc. Buccella); few echinoid spines; muscovite.
210 - 220	Sand - white; medium grained; subangular to subrounded; well sorted; quartz; 3% black phosphatic material; some shell fragments; few echinoid spines. (washed and floated only).
220 - 230	Coquina - light gray; moderate sand; medium to coarse grained; subangular to rounded; moderately well sorted; 80% limestone, sandy limestone, and shell fragments; quartz; glauconite 30% of sand fraction; forams (inc. Buccella and Cibicides); few black phosphatic fragments; gypsum. (washed and floated only).
230 - 240	No sample.
240 - 250	Sand - salt and pepper; some stained grains; medium to coarse grained; subangular to rounded; well sorted; quartz; 25% glauconite (black, brown); few shell fragments; pyrite. (washed and floated only).
250 - 260	As above plus forams (inc. Buccella); ostracode.
260 - 270	As above except forams rare; no ostracode.
270 - 280	Sand - salt and pepper; coarse grained, some medium grains; subangular to rounded; well sorted; quartz; 25% glauconite (brown, black); some shell fragments; few grains of pyrite; forams rare (inc. Nodosaria). (washed and floated only).
280 - 290	Sand - moderate brown; some moderately to heavily stained grains; medium to coarse grained; rounded; moderately well sorted; 75% glauconite (brown); quartz; few shell fragments. (washed and floated only).

Depth (feet)	
290 - 300	Sand - salt and pepper; medium grained; subangular to rounded; well sorted; quartz; 30% glauconite (black, brown); some shell fragments; forams common (inc. Buccella, Robulus, and Dentalina); few echinoid spines; gypsum. (washed and floated only).
300 - 310	Sand - moderate brown; some moderately to heavily stained grains; medium to coarse grained; rounded; moderately well sorted; 60% glauconite; quartz; few shell fragments. (washed and floated only).
310 - 330	No sample.
330 - 340	Sand - olive gray; medium to coarse grained; subrounded to rounded; moderately well sorted; 70% glauconite (black, green, brown); quartz; some shell fragments; few echinoid spines; muscovite; gypsum; forams rare (inc, Nodosaria). (washed and floated only).
340 - 350	No sample.
350 - 360	As above except 80% glauconite (dark green, brown); forams (inc. Dentalina and Buccella); no muscovite.
360 - 370	No sample.
370 - 380	As (350-360) except 60% glauconite; no Dentalina.
380 - 390	No sample.
390 - 400	Sand - salt and pepper; medium grained; subangular to rounded; well sorted; 70% glauconite (black, brown); quartz; few shell fragments.

Logged by: Michael T. Currie
May 15, 1979

GEOLOGIC SUMMARY

Depth (feet)	Thickness (feet)	Rock Unit	Time Rock Unit
0-204	204	No Sample	
204-400	196	Nanjemoy-Aquia Formation	Eocene-Cretaceous

VIRGINIA DIVISION OF MINERAL RESOURCES
David A. Hubbard, Jr., Geologist
June 28, 1979