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

INTERVAL SHEET

Page 1 of 1	C-71 Well Repository No.: W- 183
Date rec'd: Date Processed:	Sample Interval: from 250 to: 485?
PROPERTY: Fort Eustis (1951)	Number of samples: 66
COMPANY:	Total Depth: 537'
COUNTY: Warwick	Oil or Gas: Water: x Exploratory:

From-To	From-To	From-To	From-To	From-To
	Washed Samples			5-
250-255	285 290	-		_
255- 260	290- 295	-		-
260- 265	295 300	-	-	-
265- 270	300 305	-	-	-
270- 275	305 310	-	-	-
275 - 280	310 - 315			
280- 285	315 320	—		-
285- 290	320 325	-		-
290-295	325 330	-	-	-
295-300	335 340	-	-	-
305-310	340 345	. .	-	-
310 - 315	350 - 355			· · ·
315- 320	355- 360	-	-	-
320- 325	360- 365	-	-	-
325 - 330	365 370		-	-
330 - 335	370 - 375	-	-	-
340-345	375 380	-	-	-
345 - 350	380 - 385			
355-360	385 - 390	-	-	-
360 - 365	390 - 395	-	-	-
365 - 370	395 - 400	-	-	-
370 - 375	400 - 405	-	-	-
375 - 380	405 - 410	-	-	-
380 - 385	410 - 415			
385 - 390	415 - 420	_	-	-
390 - 395	420 - 425		-	-
395 - 400	425 - 430	-	-	-
400 - 405	430 - 435	-	-	-
405 - 410	435 - 440	-		-
410 - 415	480 - 485			
415 - 420	-	-	-	-
420 - 425	-	-	-	-
425 - 430	-	-	-	- ,
430 - 435	-	-		-
435 - 440	-	-	-	-
480 - 485				
-	-	-	-	-
-	-	-	-	-
	-	-		-
-	-	-	-	-
-	-	-	-	-

OWNER :	Fort Eustis (1951)		W#	:	183
DRILLER:			C#	:	71
COUNTY :	Warwick		TOTAL DEI	PTH:	537 '
		·	QUAD	:	Yorktown

GEOLOGIC LOG

Depth (feet)

0-250 No sample.

- 250-255 Sand- yellowish-gray; coarse to very coarse grained, 15% granules; subrounded; moderately well sorted; quartz; some glauconite; some shell fragments; few grains of garnet (unwashed sample only).
- 255-260 As above except slightly clayey; slightly silty (unwashed sample only).
- 260-265 Gravel- yellowish-gray; slightly clayey; slightly silty; 10% granules; subrounded; moderately well sorted; quartz; feld-spar; 5% shell fragments (unwashed sample only).
- 265-270 Sand- yellowish-gray; moderate clay; slightly silty; coarse grained to gravel; subrounded; moderately sorted; quartz; feldspar; 3% shell fragments (unwashed sample only).
- 270-275 Sand and granules- yellowish-gray; slightly silty; coarse to very coarse grained, 50% granules; subrounded; moderately well sorted; quartz; feldspar; some shell fragments; few grains of garnet (unwashed sample only).
- 275-280 Gravel- yellowish-gray; slightly clayey; slightly silty; 25% granules; subrounded; moderately well sorted; quartz; feldspar; 3% shell fragments (unwashed sample only).
- 280-285 Sand and granules- yellowish-gray; slightly silty; coarse to very coarse grained, 40% granules, 7% pebbles; subrounded; moderately sorted; quartz; feldspar; 3% shell fragments; some glauconite; few grains of garnet (unwashed sample only).
- 285-290 Sand- yellowish-gray; slightly silty; coarse grained to granules; subrounded; moderately sorted; quartz; feldspar; 5% shell fragments; some glauconite; garnet; some black phosphatic material; forams (inc. <u>Bulimina</u> and <u>Nonion</u>); few fragments of ferricrete.
- 290-295 As above except 7% shell fragments; few flakes of muscovite; no ferricrete.

OWNER: Fort Eustis (1951)

Depth (feet)

295-300 Sand- yellowish-gray; slightly silty; coarse to very coarse grained, some medium grains, 5% granules; subangular to subrounded; moderately sorted; quartz; feldspar; 3% shell fragments; 2% glauconite; some garnet; forams rare (inc. Nonion).

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- 300-305 No sample.
- 305-310 Sand- light olive gray; slightly clayey; coarse grained to granular, 3% pebbles; subrounded; moderately sorted; quartz; some feldspar; some shell fragments; some glauconite; garnet; forams rare (inc. Bulimina).
- 310-315 Sand- light olive gray; moderate clay; slightly silty; medium to coarse grained, some granules; subangular to subrounded; moderately well sorted; quartz; 3% shell fragments; some glauconite; garnet; some black phosphatic material; few grains of feldspar; forams (inc. Bulimina, Uvigerina, and Nonion).
- 315-320 Sand- light olive gray; slightly clayey; medium grained to gravel; subangular to subrounded; poorly sorted; quartz; 10% shell fragments; some glauconite; some garnet; few black phosphatic fragments; forams (inc. <u>Robulus</u>, <u>Nonion</u>, and Bulimina).
- 320-325 As above except 5% shell fragments; forams (inc. <u>Nonion</u> and Uvigerina).
- 325-330 As above except some black phosphatic material inc. shark's tooth; forams (inc. Nonion, Bulimina, Robulus, Siphogenerina, and Guttulina).

330-335 No sample.

- 335-340 As above except medium grained to granular, some pebbles; forams (inc. Uvigerina, Nonion, and Textularia).
- 340-345 Sand- light olive gray; moderate clay; coarse grained to granular, 10% pebbles; subangular to subrounded; poorly sorted; quartz; 3% shell fragments; some feldspar; glauconite; garnet; few black phosphatic fragments; forams (inc. <u>Nonion</u>, <u>Robulus</u>, and Nodosaria).

345-350 No sample.

Depth (feet)

- 350-355 Sand- light olive gray; medium to coarse grained, 3% granules, few pebbles; subangular to rounded; moderately well sorted; quartz; 15% glauconite; some shell fragments; forams common (inc. <u>Uvigerina</u>, <u>Robulus</u>, <u>Dentalina</u>, <u>Nodosaria</u>, <u>Nonion</u>, and Textularia); few flakes of muscovite.
- 355-360 As above except some granules; 2% shell fragments; forams common (inc. <u>Robulus</u>, <u>Dentalina</u>, and <u>Nonion</u>).
- 360-365 Sand- yellowish-gray; coarse to very coarse grained, some granules; subangular to subrounded; moderately well sorted; quartz; feldspar; 3% glauconite; some shell fragments; few grains of garnet; forams (inc. Siphogenerina, Uvigerina, and Guttulina).
- 365-370 As above except 7% glauconite; forams (inc. <u>Nonion</u>, <u>Robulus</u>, <u>Nodosaria</u>, and Uvigerina).
- 370-375 As above except forams (inc. Nonion, Nodosaria, and Globulina?).
- 375-380 As above except 10% glauconite; forams (inc. <u>Robulus</u>, <u>Nodosaria</u>, Nonion, Uvigerina, and Dentalina).
- 380-385 Sand- off-white; coarse to very coarse grained; subangular to subrounded; moderately well sorted; guartz; feldspar; some glauconite; garnet; forams (inc. <u>Globigerina</u> and <u>Uvigerina</u>); few grains of pyrite.
- 385-390 Sand- off-white; coarse grained; subrounded; well sorted; quartz; feldspar; some glauconite; garnet; few flakes of muscovite.
- 390-395 As above plus forams scarce (inc. Robulus).
- 395-400 As above except 2% glauconite; no forams.
- 400-405 As above except coarse to very coarse grained; moderately well sorted; forams scarce (inc. Siphogenerina).
- 405-410 As above except no forams.
- 410-415 Sand- off-white; very coarse grained to granular; subrounded; well sorted; quartz; feldspar; some glauconite; some garnet; few flakes of muscovite.

415-420 As above except 2% glauconite; foram.

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Depth (feet)	
420-425	As above except some glauconite.
425-430	Sand- off-white; coarse to very coarse grained, some gran- ules; subrounded; moderately well sorted; quartz; feldspar; 2% glauconite; some garnet; few flakes of muscovite; forams scarce (inc. <u>Robulus</u>).
430-435	As above except coarse grained to granular; moderately sorted; no forams.
435-440	As above.
440-480	No sample.
480-485	As (430-435) plus some medium grains.
485-537	No samples.

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Logged by: Michael T. Currie July 16, 1979 W#: 183