VDMR Well No. 2560 County: Powhatan

Well: 2560

Property: Commonwealth of Virginia

Driller: Froehling & Robertson, Inc.

Location: On State Road 711, .54 mile northwest of intersection with

State Road 652.

Elevation: 215 feet

Total Depth: 72.5 feet

Started drilling: June, 1969
Sample description by: B.K. Goodwin,

Completed drilling: June, 1969

College of William & Mary, July, 1969

### GEOLOGIC LOG

Depth in feet			
GRAVEL AND ALLUVIUM	(0 - 301)		
0 - 5 Clay	indian red and yellowish-brown, coarse sand grains	numerous very	r
5 - 10 Clay	tan to reddish-tan, abundant ver	y coarse-grai	ned
10 - 15 Clay	tan, abundant very coarse-graine decomposed feldspar	d sand, much	
15 - 20 Silt	yellowish-brown, numerous very	oarse sand gr	rains
20 <b>-</b> 25 Silt	yellowish brown, much coarse-gramicaceous	ined sand, sl	Lightly
25 - 30 Silt	yellowish-brown, slightly sandy, micaceous	slightly	
NEWARK GROUP (30 -	69.51)		
30 - 35 Silt	dark brown, sandy, carbonaceous	flakes, micac	ceous
35 - 40 Silt	dark brown, sandy, much decompose feldspar, carbonaceous flakes, mi		ained
40 - 45 Silt	dark brown, sandy, highly micace	ous	
45 - 50 Sand	tan, very coarse-grained, much of feldspar	quartz and dec	composed

VDMR	Well	No.	2560
		1	

50 - 55	Silt dark brown, slightly sandy, micaceous
55 - 60	Silt reddish brown, micaceous, carbonaceous flakes
50 - 65	Sand brownish-black, very coarse-grained, much quartz and decomposed feldspar
65 - 69.5	Sand brownish-black, very coasse-grained, silty, micaceous

# GEOLOGIC SUMMARY

	Rock Unit	Age	
0- 30 30- 69.5	Gravel and alluvium Newark Group	Tertiary (?) Middle to Late Triassi	.c
-		see Carrier and Maria	
0 - 30 30 - 45	highly micaceous silt with	parbonaceous flecks	
45 -60 60 -69.5	highly decomposed sandstone	-	
L -		Section (Contract)	

VDMR Well No. 7500

## VDMR Well No. 2560 County: Powhatan

	50 - 55 Silt dark btown, slightly sandy, micaceous		
Well: Property: Driller:	2560. Commonwealth of Virginia Froehling & Robertson, Inc.		
Location:	On State Road 711, .54 mile northwest of intersection with State Road 652.		
Elevation: Total Depth:	215 feet 72.5 feet		
	ing: June, 1969 Completed drilling: June, 1969 ption by: B. K. Goodwin, College of William & Mary, July, 1969		
	Rock Init		
	GEOLOGIC LOG mutwulls bus laved 00 - 30		
Depth in feet	20 - 69.5 Newark Group		
GRAVEL AND A	LUVIUM (0 - 30)		
0 - 5	Clay indian red and yellowish-brown, numerous very coarse sand grains		
5 - 10	Clay tan to reddish-tan, abundant very coarse-grained sand		
10 - 15 Clay tan, abundant very coarse-grained sand, much decomposed feldspar			
15 - 20	Silt yellowish-brown, numerous very coarse sand grains		
20 - 25 Silt yellowish brown, much coarse-grained sand, slightly micaceous			
25 - 30	Silt yellowish-brown, slightly sandy, slightly micaceous		
NEWARK GROUP (30 - 69.5')			
30 - 35	Silt dark brown, sandy, carbonaceous flakes, micaceous		
35 - 40	Silt dark brown, sandy, much decomposed medium-grained feldspar, carbonaceous flakes, micaceous		
40 - 45	Silt dark brown, sandy, highly micaceous		
45 - 50	Sand tan, very coase-grained, much quartz and decomposed feldspar		

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

#### INTERVAL SHEET

Page 1 of 1 Well Repository No.: W- 2560

Date rec'd: Date Processed: 1-13-71 Sample Interval: from 4.0 to: 69.5

PROPERTY: Commonwealth of Virginia Number of samples: 28

COMPANY: Froehling & Robertson, Inc. Total Depth: 72.5

COUNTY: Powhatan Oil or Gas: Water: Exploratory: X

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9.5 - 10.0	69.3 - 69.5	-	_	). <del></del>
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## VDMR Well No. 2560

VDMR Well No. 2560 County: Powhatan

50 - 55	Silt dark btown, slightly	y sandy, micaceous	
55 - 60	Silt reddish brown, mica	ceous, carbonaceous flakes	Well: Property:
50 <b>-</b> 65,12	Sand brownish-black, ver decomposed feldspar	coase-grained, much quartz a	
65 - 69.5	Sand - brownsih-black, very	coarse-grained, silty, micaceo	us :noijsveli
June, 1969 1969	Completed drilling: ollege of William & Mary, July, SIDOJOSD	h: 72.5 feet illing: June, 1969 cription by: B. K. Goodwin C YAAMMUZ	who have seen
	Rock Unit	Age	
0 - 30 30 - 69.5	Gravel and alluvium Newark Group	Tertiary (?) Middle to Late Tria	piez Depth in feet
		ATLLUVIUM (0 - 30))	GRAVEL AND
983	lowish-brown, numerous very coar	Clay indian red and yel sand grains	0 - 5
eand	, abundant very coarse-grained	Clay tan to reddish-tar	5 - 10
прояед	coarse-grained sand, much decor	Clay tan, abundant very feldspar	10 - 15
	numerous very coarse sand grains	Silt yellowish-brown, n	15 - 20
1у	meh coarse-grained sand, slight	Silt yellowish brown, nicaceous	20 - 25
80	slightly sandy, slightly micaceo	Silt yellowish-brown,	25 - 30
		(12.00 - 05) gup	NEWARK GRO
	carbonaceous flakes, micaceous	silt dark brown, sandy	30 - 35
feldspar,	, much decomposed medium-grained Leaceous	Silt dark brown, sandy carbonaceous flakes, m	35 - 40
	, highly micaceous	Silt dark brown, sandy	40 = 45
Бэ	rained, much quarts and decompos	Sand tan, very coase-g feldspar	45 - 50

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

#### INTERVAL SHEET

Page <sup>1</sup> of <sup>1</sup> Well Repository No.: W- 2560

Date rec'd: Date Processed: 1-13-71 Sample Interval: from 4.0 to: 69.5

PROPERTY: Commonwealth of Virginia Number of samples: 28

COMPANY: Froehling & Robertson, Inc. Total Depth: 72.5

COUNTY: Powhatan Oil or Gas: Water: Exploratory: X

From-To	From-To	From-To	From-To	From-To
4.0 - 4.5	64.0- 64.5	-	, <u></u>	_
4.5 - 5.0	64.5 - 65.0	_	_	_
9.0 - 9.5	69.0 - 69.3	_	_	_
9.5 - 10.0	69.3 - 69.5		· ·	_
14.0 - 14.5	69.3 - 69.5			_
21.0	03.3 - 03.3	-		
14.5 - 15.0	_	-	_	-
19.0 - 19.5	_	-	-	
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24.0 - 24.5	i <del>-</del>	-	_	-
24.5 - 25.0	_	-	-	-
29.0 - 29.5	-	-	-	_
29.5 - 30.0	-	-	-	-
34.0 - 34.5	=	<b>→</b>	=	-
34.5 - 35.0	-		-	-
39.0 - 39.5	_	-	-	=
39.5 - 40.0	-	H	-	_
44.0 - 44.5	-	-		-
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## VIRGINIA DIVISION OF MINERAL RESOURCES Box 3667, Charlottesville, VA 22903

### INTERVAL SHEET

Page of

Well Repository No: 2560

Date rec'd:

; processed 1-13-71

Sample Interval! from 4.0 to: 69.5

PROPERTY: Commonwolth of Virginia

Number of samples: 28

COMPANY: Froehling + Robertson, Inc.

Total Depth: 72.5

COUNTY: Powhaten

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
4.0 - 4.5 4.5 - 5.0 9.0 - 9.5 9.5 - 10.0 14.0 - 14.5	64.6 - 64.5 64.5 - 65.6 69.6 - 69.3 69.3 - 69.5	- - - -	-
14.5- 15.0 19.0-19.5 19.5- 26.0 24.0 - 24.5 24.5 - 25.8		-	-
29.0 - 29.5 29.5 - 30.0 34.0 - 34.5 34.5 - 35.0 39.0 39.5		- - - -	
39.5_40.0 44.0_44.5 44.5_45D 49.6_49.5 49.5_50.0	- - - -	- - - -	-
54.0 - 54.5 54.5 - 55.0 59.0 - 59.5 59.5 - 60.0	- - - -		=; - - - -