VDMR	Well	No.	2542
County	: G	oochl	and

*** 11	
Well:	2542
II CII.	2142

Property: Commonwealth of Virginia

Driller: Froehling & Robertson, Inc.

Location: On State Highway 6, 1.21 miles east of intersection with State Road 649.

Elevation: 135 feet

Total Depth: 19.4 feet

Started drilling: May, 1969 Completed drilling: May, 1969

Sample description by: B.K. Goodwin, College of William & Mary,

July, 1969

## GEOLOGIC LOG

# Depth in feet

## NEWARK GROUP (0 - 19.41)

0 - 5	Sandstone brown, decomposed, medium- to coarse-grained, micaceous, carbonaceous flecks
5 - 10	Sandstone yellowish-brown mottled with light gray glay, decomposed, fine-grained, clayey, micaceous
10 - 15	Sandstone reddish-brown, decomposed, medium- to coarse-

grained, micaceous

15 - 19.4 Sandstone ---- brownish-dark gray, decomposed, silty, fine-grained, highly micaceous, carbonaceous

VDMR Well No. 2542

## GEOLOGIC SUMMARY

Rock Unit

Age

0-19.4

Newark Group

Middle to Late Triassic

brown, micaceous sandstone carbonaceous, fine-grained sandstone

### VDMR Well No. 2542 County: Goochland

Well:

2542

Property:

Commonwealth of Virginia

Driller:

Froehling & Robertson, Inc.

Location:

On State Highway 6, 1.21 miles east of intersection with State

Road 649.

Elevation:

135 feet

Total Depth:

19.4 feet

Started drilling: May, 1969

Completed drilling: May, 1969

Sample description by: B. K. Goodwin, College of William & Mary,

July, 1969

#### GEOLOGIC LOG

Depth	in
feet	

#### NEWARK GROUP (0 - 19.4')

0 - 5	Sandstonebrown, decomposed, medium-to coarse-grained, micaceous, carbonaceous flecks
5 - 10	Sandstoneyellowish-brown mottled with light gray clay, decomposed, fine-grained, clayey, micaceous
10 15	

10 - 15 Sandstone---reddish-brown, decomposed, medium-to coarse grained, micaceous

15 - 19.4 Sandstone---brownish-dark gray, decomposed, silty, fine-grained, highly micaceous, carbonaceous

#### GEOLOGIC SUMMARY

Rock Unit

Age

0 - 19.4

Newark Group

Middle to Late Triassic

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

#### INTERVAL SHEET

Page 1 of 1 Well Repository No.: W- 2542

Date rec'd: Date Processed: 1-12-71 Sample Interval: from 4.0 to: 19.4

PROPERTY: Commonwealth of Virginia Number of samples: 8

COMPANY: Foehling & Robertson, Inc Total Depth: 19.4

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

From-To	From-To	From-To	From-To	From-To
4.0 4.5	*	* X		
4.0 - 4.5 4.5 - 5.0		-	*	-
	-	· ·	-	-
9.0 - 9.5	-	<del>-</del>	× -	_
9.5 - 10.0	_		· <del>-</del>	-
14.0 - 14.5	-	-	, <del>-</del>	=
14.5 - 15.0	<b>ii</b>			-
19.0 - 19.2	-	-0	_	-
19.2 - 19.4		w <del>-</del> ' - ' - ' - ' - ' - ' - '	-	-
-	<del>-</del>	-	-	-
-	· · · · · · · · · · · · · · · · · · ·		<del>-</del>	-
			1	
-	-	-	- }	-
-	-	-	- 1	-
: <b>-</b>	-	-	<del>-</del>	-
-	-	-	<b>.</b>	-
	- · · · · ·	-	-	-
-	-	-		-
_	-	<del></del>		-
_	•	<del>_</del> ,	-	· -
_	· .	-	-	
-	_	-	·	-
-			_	-
_	• · · · · · · · · · · · · · · · · · · ·	<b>-</b>	<del>-</del>	-
-	-	* * =	_	_
	-	-	_	-
_		-	_	, <b>-</b>
-	<u> </u>	-	-	-
<del>-</del>	<u>-</u>	_	-	-
<u>-</u>	' '2" <u>-</u>	-	-	_
1 <del>-</del>		VI	-	_
_	<u> </u>	_	_	
	_	:		_
-	_	_	_	=
1	-	_	_	_
-	<u> </u>	_	_	_
-	_	_	_	_
unwashed or	-10	-	1775 m	
unwashed of	т-х •			

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

#### INTERVAL SHEET

Page 1 of 1 Well Repository No.: W- 2542

Date rec'd: Date Processed: 1-12-71 Sample Interval: from 4.0 to: 19.4

PROPERTY: Commonwealth of Virginia Number of samples: 8

COMPANY: Foehling & Robertson, Inc Total Depth: 19.4

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

From-To	From-To	From-To	From-To	From-To
4.0 - 4.5		*	9	
4.5 - 5.0		-	-	_
9.0 - 9.5	E S	# IT. #		_
9.5 - 10.0			± 55 78	_
14.0 - 14.5	n <del>a s</del> ai	<del></del>	<b>₹</b>	
14.0 - 14.5		•	_	<del></del> -1
14.5 - 15.0	_		_	_
19.0 - 19.2	_	- CONT	_	_
19.2 - 19.4	2 <u>00</u> 0		_	-
_	_		_	_
-			-	
-		-	_ '	_
-	-	-	=	1-
_	-	-	1942 1872	Time T
i. <b>—</b>			5,470 - 177	_
i <del></del> i	9 <b></b> 8	<b>:●</b> ∧		-
	-		-	-
<b>=</b>	=			( <del>**</del> )
=	-		70.07	-
::	· · · ·	-		·
: <del>-</del> 1 00 4 1 24	_	<b>T</b>	- 1	
-			_	-
-		-	<b></b>	
	- "		=	-
-		( <b>•</b> )	-	**
·-	-	•	-	-
=			=	-
=			_	11-24 11-24
-	-	: <b>-</b> 2	-	-
-	-		-	_
_	- x	-	-	
* <del>-</del> 1 e	<del>1.11</del>	, <del>, , , , , , , , , , , , , , , , , , </del>	-	. <del></del>
	-		-	<del></del>
_	7	-	-	-
-	-	-	-	-
-	_		-	_
unwashed only.				

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

#### INTERVAL SHEET

Well Repository No: 2542 Page | of | ; processed |-|2.-71 Sample Interval; from 4,0 to: 19.4 Date rec'd:

PROPERTY: Commonwealth of Virginia COMPANY: Foehling + Robertson, Inc. Number of samples: 8

COUNTY: Modelland

Oil or Gas: Water: Exploratory

Total Depth: 1904

1				
	From-To	From-To	From-To	From-To
	400-405	_	-	-
	4.5-5.0		-	. <del></del>
	400-905	_	=	water file
	9.5 - 10.0	=	E	<b>E</b> '
	9.5 - 10.0	<u>-</u>	-	~
	1415-1310	-	-	ia <del>n</del> ≥
	14.5-15.0 19.0-19.2 19.2-19.4	-	=	<del>-</del>
	19.2-19.4	₩	第 3	
	The state of the s	_	<u>~</u> 31	
	, <del>-</del> 1		- 32	5 <del>-2</del> 2
	-		=	-
	110 <del>-1</del> 1	-	= "	-
	<del>-</del>	-	-	S <del>-</del> 3
	-	-	-	
	<del>-</del>	₩	<del>22</del> 1	-
	-		-	i <del>a</del> :
		<del>-</del> 2	-	17.55
	<del>-</del>	<b>≅</b>	-	-
	-	-	- A	-
	-	=	-	-
	P <del>, L</del> i	-	-	-=
	-		=	-
	_	₩ ± 0	_	-
	-	-	- ).	=:
	s <del>_</del>	_		-

unworked only.