VDMR Well No. 2545
County: Goochland

Well: 2545

Property: Commonwealth of Virginia
Driller: Froehling & Robertson, Inc.

Location: Intersection of State Highway 6 and State Road 649.

Elevation: 210 feet

Total Depth: 32.0 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 - 30')

Page Page Page Page Page Page Page Page					
0 - 5	Clay mottled reddish-brown, yellowish-brown, and gray, silty, sandy				
5 - 10	Shale light brown to tan, decomposed				
10 - 15	Shale light brown, decomposed, carbonaceous lenses				
15 - 20	Shale light brown, decomposed, carbonaceous flecks				
20 - 24.5	Shale brown with carbonaceous flecks, decomposed, micadeous				
24.5 - 29.4	Sandstone yellowish-brown, fine-grained, decomposed, silty, micaceous				

GEOLOGIC SUMMARY

Rock Unit

Age

0-29.4

Newark Group

Middle to Late Triassic

0-25 25-29 J brown shale

micaceous, fine-grained sandstone

VDMR Well No. 2545 County: Goochalnd

Well:

2545

Property:

Commonwealth of Virginia Froehling & Robertson, Inc.

Driller: Location:

Intersection of State Highway 6 and State Road 649.

Elevation:

210 feet

Total Depth:

32.0 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	- 30°)
0 - 5	Claymottled reddish-brown, yelllwish-brown, and gray, silty, sandy
5 - 10	Shalelight brown to ran, decomposed
10 - 15	Shalelight brown, decomposed, carbonaceous lenses
15 - 20	Shalelight brown, decomposed, carbonaceous flecks
20 - 24.5	Shalebrown with carbonaceous flecks, decomposed, micaceous
24.5 - 29.4	Sandstoneyellowish-brown, fine-grained, decomposed, silty, micaceous

GEOLOGIC SUMMARY

Rock Unit

Age

0 - 29.4

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- 2545

Date rec'd:

Date Processed: 1-12-71

Sample Interval: from 4.0 to: 32.0

PROPERTY: Commonwealth of Virginia

Number of samples: 13

COMPANY: Foehling & Robertson, Inc.

Total Depth: 32.0

COUNTY: Goochland

Oil or Gas: Water: Exploratory: X

			1				
From-	-To	From	-To	From-To		From-To	From-To
4.0-	4.5	_		_		_	_
4.5-		_		_		_	_
9.0-		_		_		_	_
9.5-		_		_		_	_
14.0-		_		- 1753 i		-	249
14.0	14.3	Ser Ser		-			
14.5-	15.0	_		_		_	_
19.0-		_		_		_	- i
19.5-		· _		_		_	_
24.0-						_	_
24.3-				-		_ 1	
24.5	24.5	_					
29.0-	29 2	L _		_		_	_
29.2-				_		_ 1	_
31.5-		y		_			14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
51.5	32.0	_		_		_	_
=		_		_			
				-			
_		_		_		_	_
_		_		_			_
_		1		_		_	_
_				_	367	_	
_		_		_		_	_
_		_		·		_	_
_				_		_	_
_		_				_	<u> </u>
_		_				_	_
_		_		_	9	_	_
_		×		-		· <u>-</u>	=
_		_		-	*	_	<u>_</u>
_		z* - * -		_		_	-
_				_		_	— :
_		_	*	-		_	-
· <u>-</u>				-			-
_		-		_		· _	-
_		_		-		_	_
-		=				_	=
_	100	_		-		-	-

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

INTERVAL SHEET

Page 1 of 1

Well Repository No.: W- 2545

Date rec'd: Date Processed: 1-12-71

Sample Interval: from 4.0 to: 32.0

PROPERTY: Commonwealth of Virginia

Number of samples: 13

COMPANY: Foehling & Robertson, Inc.

Total Depth: 32.0

COUNTY: Goochland

Oil or Gas: Water: Exploratory: X

From-	то	Fro	m-To		From-To		From-To	From-To
4.0-	4.5		_		_		_	_
4.5-			_	4.5			_	_
9.0-			_		-		_	-
9.5-			_		-		_	_
14.0-			_		-		_	_
14.5-	15.0		-		-		-	_
19.0-			_		-		-	-
19.5-			_		-		-	-
24.0-			-		-		_	-
24.3-			-		-		-	-
29.0-	29.2		-		-		-	-
29.2-	29.4		-		-		-	
31.5-	32.0		-		-	6 .	-	_
-			-		-		-	-
-			-		-		-	-
-			-		-		-	-
-			-		-		-	-
-			-		-		-	-
-		00 2	-		-		-	i
-			-		-		-	-
_			-		-		-	-
-			-		-		-	-
-			-				-	=
			-		-		-	.=
_			-		***		-	-
_					_		_	
_			=				=	-
_					_			=
_			_		_	*	_	_
-			_		_		_	_
			_		7		_	· -
· _			_		_		_	_
_								_
-			-				_	_
-			_ 1				_	_
_			-				_	_

unwashed only.

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

INTERVAL SHEET

Page of

Date rec'd: ; processed |-12-71

PROPERTY: Commonwealth of Virginia

COMPANY: Fochling + Robertson, Inc.

COUNTY: Goodland

Well Repository No: 2545

Sample Interval; from 400

to: 32,

Number of samples: \$\mathbb{B}\$ 13

Total Depth: 32.0

Oil or Gas: Water: Exploratory:

4.0 - 4.5 4.6 - 5.0 4.5 - 10.0 14.0 - 14.5 14.5 - 15.0 19.0 - 19.5 19.5 - 20.0 24.0 - 24.3 24.3 - 24.5 24.0 - 29.4 31.5 - 32.0	From-To	From-To	From-To	From-To
19.0-19.5 19.5-20.0 24.0-24.3 24.3-24.5	9.0 - 9.5	-		-
29.0-29.4 29.2-29.4 31.5-32.0	100 19.5	-		-
	29.0-29.2 29.2-29.4 31.5-32.0	-		-
		- - - - -	- - - -	-
	-		-	- - - -

unwighted only.