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

#### INTERVAL SHEET

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Date rec'd: : processed 1-14-71 Sample Interval: from 4.0 to: 30.0

PROPERTY: Commonwealth of Vinginia Number of samples: 12

COMPANY: Froehling of Robertam, Inc. Total Depth: 33.2'

COUNTY: Goodhand Oil or Gas: Water: Exploratory:

<i>)</i>			
From-To	From-To	From-To	From-To
4.0 - 4.5	_		_
4.5 - 6.0		_	_
4.5 - 5.0	_	_	_
a E - 10.0	_		_
14.0 - 14.5			
14,00 - 14,1-		. =	_
14.5-15.0			
19.5-10.5	-	-	-
19.0-19.0	-	=	_
19.5 - 20.5	-	.=:	-
24.0-00	-	-	-
19.0-19.5 19.5-20.0 24.0-24.5 24.5-25.6	-	~	-
29.0-29.5	30		
29,0-01	<del>-</del>	=	-
29.5- 30.0	-	-	-
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unwashed only.

Well: 2571

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

Location: On State Road 650, .6 mile west of intersection with State Road 647.

Elevation: 285 feet Total Depth: 33.2 feet

Started drilling: June, 1969 Completed drilling: June, 1969

#### GEOLOGIC LOG

Depth in feet					
GRAVEL (0 - 5)					
0 - 5	Sandbrown and gray, clayey, a few rounded quartz granules				
NEWARK GROUP (5 - 33.2')					
5 - 10	Claymottled indian red and gray, laminated				
10 - 15	Claygray mottled with minor indian red and yellowish-brown, laminated				
15 - 20	Shalemottled reddish-brown and yellowish-gray, decomposed, laminated, carbonaceous lenses				
20 - 25	Sandstoneyellowish-brown, decomposed, very fine-grained, silty, carbonaceous flecks, micaceous				
25 - 33.2	Shalebrownish-gray, decomposed, carbonaceous, micaceous				
	GEOLOGIC SUMMARY				
0 - 5	Rock Unit Age Gravel Tertiary (?)				
5 - 33.2	Newark Group Middle to Late Triassic				

VDMR Well No. 2571
County: Goochland

Well: 2571

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Elevation: 285 feet

Total Depth: 33.2 feet

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Sample description by: B.K. Goodwin, College of William & Mary, July, 1969.

### GEOLOGIC LOG

Depth in feet	
GRAVEL (O - 5	
0 - 5	Sand brown and gray, clayey, a few rounded quartz granules
NEWARK GROUP	(5 - 33.21)
5 - 10	Clay mottled indian red and gray, laminated
10 - 15	Clay gray mottled with minor indian red and yellowish- brown, laminated
15 - 20	Shale mottled reddish-brown and yellowish-gray, decomposed, laminated, carbonaceous lenses
20 - 25	Sandstone yellowish-brown, decomposed, very fine-grained, sidty, carbonaceous flecks, micaceous
25 - 33.2	Shale brownish-gray, decomposed, carbonaceous, micaceous

# GEOLOGIC SUMMARY

4	year thin-year to acolin	Rock Unit Age
		Gravel Tertiary (?) Newark Group Middle to Late Triassic
	-	
g	0 - 5 5 - 20 20 - 25	gravel and sand laminated clay and decomposed shale fine-grained sandstone
	25 - 33.2	carbonaceous shale

Was to be a special