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

INTERVAL SHEET

Page 3 of 1 Well Repository No: 257 U

Date rec'd: ; processed |-|4-7| Sample Interval: from 4.0 to:44.5

PROPERTY: Commonwealth of Virginia Number of samples: 18

COMPANY: Froibling & Robelts -, Tree Total Depth: 44.6

COUNTY: Good lond Oil or Gas: Water: Exploratory!

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6	From-To	From-To	From-To	From-To
	4.0 - 4.5		_	
	4.5-5.0	· ·		: :
	4.5-5.0			: - :
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	9.5-10.0	-	-	: /
	14.5-15.0	₩.	=	:=:
	19.0-19:5			:=:
	19.5- 20.0			F <u></u> ⊒T
	24.0-24.5		₩	1-1
	245-250	* :=:	-	s - A
	29.0-29.5			-
	255-30,0	·	<u>122</u> 5	7 4 1
	340-34.5	South the second	_	1 - 1
	349-35.0		¥	-
	39.0 - 39.5	***	<u>~</u>	-
	305-000			_
	39.5-40.0	- 1,74 Mg - <u></u>	_	
	14.3 - 44.5		2	
	14.3 4-1.0			
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VDMR Well No. 2570 County: Goochland

Well: 2570

Property: Commonwealth of Virginia

Driller: Froehling & Robertson, Inc.

Location: At the intersection of State Road 647 and State Road 650.

Elevation:

252 feet

Total Depth: 44.5 feet

Started drilling: June, 1969

Completed drilling: June, 1969

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

GEOLOGIC LOG

Depth in							
GRAVEL (0 - 22')							
0 - 5	Gravelbrown to tan, clay and s samll quartz pebbles, partially	The state of the s					
5 - 10	Graveltan, fine-to medium-gramerounded quartz pebbles	ined sand matrix, abundant					
10 - 15	Gravelyellowish- to reddish-br quartz pebbles	rown, clay and sand matrix, rounded					
15 - 22	Gravelyellowish-brown, clay ampebbles	nd sand matrix, rounded large quartz					
NEWARK GROUI	P (22 - 44.5')						
22 - 25	Shaletan, decomposed, laminate	ed, micaceous					
25 - 30	Siltstonelight brown, decompos micaceous	sed, minor very fine-grained sand,					
30 - 35	Siltstoneyellowish-brown, deco	omposed, minor very fine-grained sand,					
35 - 40	Shalebrownish-gray, decomposed	d, fissile					
40 - 44.5	Shalebrownish-gray, decomposed	d, slightly fissile					
GEOLOGIC SUMMARY							
0 - 22	Rock Unit Gravel	Age Tertiary (?)					
22 - 44.5	Newark Group	Middle to Late Triassic					

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14

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GEOLOGIC LOG

Depth in feet	
GRAVEL (O -	221)
0 - 5	Gravel brown to tan, clay and sand matrix, abundant rounded small quartz pebbles, partially cemented
5 - 10	Gravel tan, fine- to medium-grained sand matrix, abundant rounded quartz pebbles
10 - 15	Gravel yellowish- to reddish-brown, clay and sand matrix, rounded quartz pebbles
15 - 22	Gravel yellowish-brown, clay and sand matrix, rounded large quartz pebbles
NEWARK GROUP	(22 - 44.51)
22 - 25	Shale tan, decomposed, laminated, micaceous
25 - 30	Siltstone light brown, decomposed, minor very fine- grained sand, micaceous
30 - 35	Siltstone yellowish-brown, decomposed, minor very fine- grained sand, micaceous
35 - 40	Shale brownish-gray, decomposed, fissile
40 - 44.5	Shale brownish-gray, decomposed, slightly fissile

GEOLOGIC SUMMARY -

	Rock Unit		A.ge	
0- 22 22 - 44.5	Gravel Newark Group	3	Tertiary (?) Middle to Late Trias:	sic
-		NA CO .		
-				
0 - 22 22 - 25	gravel tan shale			
25 - 35 35 - 44.5	brown siltstone decomposed shale	Brownin-gray	Shale	
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