

VDMR Well No. 2548  
County: Goochland

Well: 2548  
Property: Commonwealth of Virginia  
Driller: Froehling & Robertson, Inc.  
Location: State Highway 6, .62 mile west of intersection with State Road 621.

Elevation: 286 feet  
Total Depth: 86.0 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

PETERSBURG GRANITE (0 - 86.0')

0 - 5	Granite ----- reddish-brown, highly decomposed
5 - 10	Granite ----- light tan to light pink, highly decomposed
10 - 15	Granite ----- brown to light tan, highly decomposed
15 - 20	Granite ----- fine-grained, salmon pink, decomposed
20 - 25	Granite ----- gray, pegmatitic, decomposed, abundance of weathered mafic minerals
25 - 30	Granite ----- light tan, medium-grained, decomposed
35 - 40	"
40 - 45	"
45 - 50	"
50 - 55	"
55 - 60	"
60 - 65	"
65 - 69.5	"
69.5 - 74.5	"
74.5 - 86.0	Granite ----- light gray, medium- to coarse-grained, alternating with layers of gray, fine-grained, well-foliated mica schist

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0- 86.0	Petersburg granite	<del>Late</del> Paleozoic (?)
-		
- 74.5		
0- <del>86.0</del>	gray, <del>medium-grained</del> , decomposed granite	
-		
- 74.5-86.0	<u>Light gray granite with layers of mica schist</u>	
-		
-		
-		
-		

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20 - 25	Granite---gray, pegmatitic, decomposed, abundance of weathered mafic minerals
25 - 30	Granite---light tan, medium-grained, decomposed
35 - 40	"
40 - 45	"
45 - 50	"
50 - 55	"
55 - 60	"
60 - 65	"
65 - 69.5	"
69.5 - 74.5	"
74.5 - 86.0	Granite---light gray, medium-to coarse-grained, alternating with layers of gray, fine-grained, well-foliated mica schist

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0 - 86.0	Petersburg granite	Paleozoic

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

INTERVAL SHEET

Page 1 of 1

Well Repository No.: W- 2548

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

Sample Interval: from 4.0 to: 86

PROPERTY: Commonwealth of Virginia

Number of samples: 30

COMPANY: Foehling & Robertson, Inc.

Total Depth: 86.0

COUNTY: Goochland

Oil or Gas: Water: Exploratory: X

From-To	From-To	From-To	From-To	From-To
4.0 - 4.5	69.3 - 69.5	-	-	-
4.5 - 5.0	74.0 - 74.3	-	-	-
9.0 - 9.5	74.3 - 74.5	-	-	-
9.5 - 10.0	- 75.0	-	-	-
14.0 - 14.5	85 - 86	-	-	-
14.5 - 15.0	-	-	-	-
19.0 - 19.5	-	-	-	-
19.5 - 20.0	-	-	-	-
24.0 - 24.5	-	-	-	-
29.0 -	-	-	-	-
23.0 - 34.5	-	-	-	-
34.5 - 35.0	-	-	-	-
39.0 - 39.5	-	-	-	-
39.5 - 40.0	-	-	-	-
44.0 - 44.5	-	-	-	-
44.5 - 45.0	-	-	-	-
49.0 - 49.5	-	-	-	-
49.5 - 50.0	-	-	-	-
54.0 - 54.5	-	-	-	-
54.5 - 55.0	-	-	-	-
59.0 - 59.5	-	-	-	-
59.5 - 60.0	-	-	-	-
64.0 - 64.5	-	-	-	-
64.5 - 65.0	-	-	-	-
69.0 - 69.3	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

unwashed only

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

INTERVAL SHEET

Page 1 of 1

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Number of samples: 30

COMPANY: Foehling & Robertson, Inc.

Total Depth: 86.0

COUNTY: Goochland

Oil or Gas: Water: Exploratory: X

From-To	From-To	From-To	From-To	From-To
4.0 - 4.5	69.3 - 69.5	-	-	-
4.5 - 5.0	74.0 - 74.3	-	-	-
9.0 - 9.5	74.3 - 74.5	-	-	-
9.5 - 10.0	- 75.0	-	-	-
14.0 - 14.5	85 - 86	-	-	-
14.5 - 15.0	-	-	-	-
19.0 - 19.5	-	-	-	-
19.5 - 20.0	-	-	-	-
24.0 - 24.5	-	-	-	-
29.0 -	-	-	-	-
23.0 - 34.5	-	-	-	-
34.5 - 35.0	-	-	-	-
39.0 - 39.5	-	-	-	-
39.5 - 40.0	-	-	-	-
44.0 - 44.5	-	-	-	-
44.5 - 45.0	-	-	-	-
49.0 - 49.5	-	-	-	-
49.5 - 50.0	-	-	-	-
54.0 - 54.5	-	-	-	-
54.5 - 55.0	-	-	-	-
59.0 - 59.5	-	-	-	-
59.5 - 60.0	-	-	-	-
64.0 - 64.5	-	-	-	-
64.5 - 65.0	-	-	-	-
69.0 - 69.3	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

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INTERVAL SHEET

Page 1 of 1

Well Repository No: 2548

Date rec'd: ; processed 1-12-71

Sample Interval: from 40 to: ~~75~~ 86

PROPERTY: Commonwealth of Virginia

Number of samples: ~~30~~

COMPANY: Fochling + Robinson, Inc.

Total Depth: 86.0

COUNTY: Goochland

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
4.0-4.5	69.3-69.5	-	-
4.5-5.0	74.0-74.3	-	-
9.0-9.5	74.3-74.5	-	-
9.5-10.0	<del>74.5</del> -75.0	-	-
14.0-14.5	85-86	-	-
14.5-15.0	-	-	-
19.0-19.5	-	-	-
19.5-20.0	-	-	-
24.0-24.5	-	-	-
29.0-	-	-	-
34.0-34.5	-	-	-
34.5-35.0	-	-	-
39.0-39.5	-	-	-
39.5-40.0	-	-	-
44.0-44.5	-	-	-
44.5-45.0	-	-	-
49.0-49.5	-	-	-
49.5-50.0	-	-	-
54.0-54.5	-	-	-
54.5-55.0	-	-	-
59.0-59.5	-	-	-
59.5-60.0	-	-	-
64.0-64.5	-	-	-
64.5-65.0	-	-	-
69.0-69.3	-	-	-

Unwashed only.