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

#### INTERVAL SHEET

Page 1 of 1

Well Repository No.: W- 5838

Date rec'd: Date Processed: 4/11/80 Sample Interval: from 2 to: 60

PROPERTY: Commonwealth of Virginia

Number of samples: 13

COMPANY: Froehling & Robertson

Total Depth: 60

COUNTY: Henrico

COUNT	Υ:	Henrico	0	il or Gas: Water:	Exploratory: X
Fr	om-To	From-To	From-To	From-To	From-To
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4	<del>-</del> 5	-	_	,—,:	_
9	- 10	-	· -		
14	-115	-	-		; <del>_</del>

			15		•	-		-	-
19	9	-	20		-	-		-	-
24	4	-	25		-	-	4	4	-
29	9	_	30			1.		-	_
34	4.	_	35		-	-		_	E-X
39			40		8	-		_	1941

44 - 45 49 - 50

54 - 55 59 - 60

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

#### INTERVAL SHEET

Page	/ of	(	Well	l Repository	No.:	M- 22/20
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Date rec'd: Date Processed: 4-11-80 Sample Interval: from 2 to: 60

PROPERTY: Communicating Det, Number of samples: 13

COMPANY: Prochling & ADBORISON Total Depth: 60

COUNTY: HEN ROLD Oil or Gas: Water: Exploratory: >

From-To	From-To	From-To	From-To	From-To
2 -3 -10 14 -15	- - -	- - - -	- - - - -	- - - -
29 - 35 29 - 35 39 - 40 44 - 45		-	- - - -	- - - -
49 -50 54 -55 59 -60	- - - - -	-	- - - -	- - - - -
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Well: 5838

Property Owner: Commonwealth of Virginia

Driller: Froehling and Robertson

Location: Glen Allen  $7\frac{1}{2}$  Quadrangle. East side of secondary road trending NE

from Mountain Road to Hunton. .6 mile from its instersection with

Mountain Road.

Elevation: 280 feet Total Depth: 64.2 feet

Started drilling: June 28, 1972 Completed drilling: June 29, 1972

## GEOLOGIC LOG

De	epth in feet		
	0-3		Pebbly sand - reddish brown; slightly silty; angular to rounded quartz grains; fine grained sand with a few rounded quartz pebbles.
	3-5		Sand - reddish brown; fine grained; a few rounded quartz pebbles.
	5-10		Sand - mottled light gray and reddish brown; fine grained; silty; quartz grains are angular to rounded.
	10-15		Sand - mottled light gray and reddish brown; very fine grained; slightly silty.
	15-20		Gravel - light pinkish tan; abundant rounded quartz pebbles and granules in a medium to fine sand matrix.
	20-25		Gravel - light pink and white; abundant quartz pebbles and granules in a medium grained quartz sand matrix.
	25-30		Mafic saprolite - hematite red; abundant muscovite; fine grained; clayey; minor quartz; a deeply weathered muscovite and biotite rich parent rock. Possibly a large xenolith or roof pendent within the Petersburg granite.
	30-35	9	Same as above.
	35-40		Same as above.
	40-45		Same as above.
	45-50	,	Granite saprolite - pinkish tan; abundant muscovite; fine grained.
	50-55		Granite saprolite - pinkish tan; abundant muscovite; fine grained; muscovite, quartz, and feldspar are dominant.
	55-60		Granite saprolite - tan; abundant muscovite; biotite common; fine grained.

# GEOLOGIC SUMMARY

	Rock Unit	Age
0-25	Upland gravel	Tertiary
25-45	Mafic inclusion in Petersburg granite (?)	Upper Paleozoic
45-60	Petersburg granite	Upper Paleozoic