## INTERVAL SHEET

WWCR 179

Page	1	VDMR Well No.: Well No. 1354			
Date	8/27/65	Sam	ple ]	interval: from 0 to_	500
PROP:	P. Markow, Florist #1	Tot	al de	pth_ 500	
COMP:	Sydnor Pump & Well Co.	Oil		GasWaterX_Explorator	:У
COUNTY:	Henrico (Short Pump)	Cut	tings	X CoreOther	
VDMR V	Well No: W-1354			l samples	
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OWNER: Paul Markow, Florist, Well #1

DRILLER: Sydnor Pump and Well Co., Inc.

COUNTY: Henrico (Short Pump)

VDMR #1354 WWCR #179 TOTAL DEPTH: 500'

### GEOLOGIC LOG

#### Overburden (0-20')

0-20 Granite Residuum — light-pinkish-brown; clay and saprolitic, coarse-grained granite; alkali-feldspar, quartz, and chlorite.

#### Petersburg Granite (20-50')

20-25 Granite — pink, gray, and white, coarse-grained; microcline, quartz, albite, chlorite, muscovite; minor apatite (finely ground by drill).

25-50 As above — with phenocrysts of feldspar to 10 mm in length.

#### Sheared Petersburg Granite (50-500')

As above — with minor fractures filled with mylonitized feldspar and quartz.

75-100 As above — no fractures noted.

100-125 Granite — salmon-pink, pale-pink, light-gray and dark-gray; coarse-grained with feldspar phenocrysts to 20 mm. in length; alkali-feldspar, quartz, chlorite, sericite, minor apatite; numerous small fractures filled with mylonitized feldspar with tiny euhedral apatite. The salmon color is darkest in these fracture fillings.

125-150 As above — with minor pyrite, calcite, and oligoclase.

150-175 As above — with minor epidote.

175-200 Flaser Granite — salmon-pink and medium-dark-gray; veryfine- to very-coarse-grained; occasional complete phenocrysts of alkali-feldspar; microcline, quartz, chlorite, and oligoclase; minor small veins of calcite; trace of pyrite.

200-225 As above.

As above — with more calcite veinlets.

225-250 As above.

250-275 As above.

OWNER: Pau	ll Markow, Florist - Well #1	#1354
275-300	Flaser Granite — salmon-pink and medium-dark-grafine- to very-coarse-grained; occasional complete phof alkali-feldspar; microcline, quartz, chlorite, and veins with two stages of euhedral quartz growth, and deposition of calcite with a trace of pyrite.	nenocrysts oligoclase;
300-325	As above.	
325-350	Flaser Granite — salmon-pink and medium-dark-grafine to very-coarse-grained; alkali-feldspar, quartz, chlorite.	
350-375	As above — with trace of pyrite.	
375-400	As above.	
400-425	As above.	
425-450	No sample.	
450-500	Flaser Granite Porphyry — salmon-pink and medium gray, very-fine- to very-coarse-grained, phenocrys length of 15 mm.; alkali-feldspar, oligoclase, quarts	ts to a

# GEOLOGIC SUMMARY

	ROCK UNIT	TIME ROCK UNIT
0-20	Overburden	Recent
20-50	Petersburg Granite	Precambrian (?)
50-500	Sheared Petersburg Granite	Precambrian

Virginia Division of Mineral Resources Hollis N. Walker, Geologist September 8, 1965