INTERVAL SHEET

Page1	VDMR Well No.: Well No. 1302	
Date5/11/65	Sample Interval: from <u>20</u> to <u>300</u>	
PROP: Hermitage Country Club	Total depth 300	
COMP: Sydnor Pump & Well Co.	. OilGasWater _ X Exploratory	
COUNTY: Henrico (Richmond)	Cuttings_XCoreOther	
VDMR Well No: W-1302	Washed samples	
From-To From-To	From-To From-To From-To	
	0 - 20 No sample	
	20 - 70	
-	70 - 82	
	82 135	
	135 142	
	142 - 157	
	157 - 217	
	217 - 230	
	230 247	
	247 262	
	257 272	
	272 - 300	

WWCR 177

OWNER: Hermitage Country Club DRILLER: Sydnor Pump & Well Co., Inc. COUNTY: Henrico (Richmond) VDMR #1302 WWCR #177 TOTAL DEPTH: 300'

GEOLOGIC LOG

0-20 No sample.

Petersburg Granite (20-300')

- 20-70 Granodiorite gray, black, and white, coarse-grained, feldspar crystals to 15 mm; oligoclase, microcline, quartz, biotite, muscovite, minor garnet, and epidote.
- 70-82 Granite pink, gray, black, and white, coarse-grained; microcline, quartz, biotite, muscovite, oligoclase.
- 82-135 As above not as pink.
- 135-142 As above.
- 142-157 Granite light-gray to dark-gray, coarse-grained; light-gray quartz, feldspar, biotite; dark-gray: foliated, biotite, minor feldspar and quartz.
- 157-217 As above foliated material not as dark and contains epidote, may be a fractured zone; minor extremely coarse-grained paleblue-gray and pink granite, feldspar (20 mm by 10 mm) with quartz and muscovite.
- 217-230 As above more pink, largest grain size (10 mm).
- 230-247 Granite medium-gray, coarse-grained, slight lineation; biotite, quartz, feldspar, muscovite, minor epidote; small portion contains pink feldspar.

247-262 As above.

- 257-272 Granite light-pink, coarse-grained; potash feldspar, quartz; minor plagioclase, biotite; trace epidote, pyrite, and muscovite.
- 272-300 As above less pink; more biotite and plagioclase.

GEOLOGIC SUMMARY

ROCK UNIT

TIME ROCK UNIT

0-20	No sample
20-300	Petersburg Granite

Precambrian ?

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