

OWNER: Virginia Department of Highways
DRILLER: Sydnor Pump and Well Co., Inc.
COUNTY: Henrico (Solomon)

VDMR: 1658
WWCR: 188
TOTAL DEPTH: 300'

GEOLOGIC LOG

Depth in feet

0-10	Pebbles, sand, clay, mica - weathered
10-22	"
22-30	"
30-45	Granite - quartz, dark-gray, equigranular, coarse-grained; biotite, quartz, K-feldspar, pyrite
45-62	"
62-72	"
72-82	"
82-92	"
92-102	" calcite
102-112	" "
112-122	"
122-132	"
132-142	Granite - dark-gray, equigranular, fine-grained; biotite feldspar, quartz some calcite crusts
142-152	Granite - dark-gray, equigranular, medium-grained; biotite, feldspar, quartz, few calcite crystals and crusts
152-162	"
162-172	" red iron oxide stains
172-182	" "
182-192	" "
192-202	"

Yell. Top. quad

elev. ~ 130 top

202-212	Granite - pink; K-feldspar, biotite, muscovite
212-222	"
222-232	Granite - pink, equigranular, coarse-grained; quartz, K-feldspar, biotite, pyrite
232-242	" trace garnet
242-252	" mostly white
252-262	" mostly reddish-pink
262-272	" " trace magnetite
272-282	Granite - gray, biotite, K-feldspar, quartz, calcite veins, calcite crusts, pyrite
282-292	"
292-300	Granite - K-feldspar, biotite, muscovite, plagioclase, garnets

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-30'	Weathered-pebbles, sand	
30-300'	Petersburg Granite	Paleozoic

Virginia Division of Mineral Resources
Warren J. Souder, Geologist
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