

OWNER: Town of LaCrosse, well #3
DRILLER: Moseley & Nash
COUNTY: Mecklenburg

VDMR 1663
WWCR 68
TOTAL DEPTH: 265'

GEOLOGIC LOG

0 - 55	No sample
55 - 65	Diabase — gray to black; fine grained, dense, slightly altered; pyroxene, plagioclase, olivine, rare accessory megascopic garnets
65 - 75	"
75 - 85	"
85 - 95	"
95 - 105	"
105 - 115	"
115 - 125	"
125 - 135	Quartz-mica gneiss — gray, gray-green and white; fine grained; biotite, muscovite, plagioclase, quartz, minor chlorite and rare hornblende
135 - 145	"
145 - 155	" with a few flakes of graphite on quartz
155 - 165	" "
165 - 175	" "
175 - 185	"
185 - 195	" with a quartz-rich felsic band (pegmatoid lenticle?)
195 - 205	"
205 - 215	"
215 - 225	"

- 225 - 235 Quartz-mica gneiss — gray, gray-green and white; fine grained; biotite, muscovite, plagioclase, quartz, minor chlorite and rare hornblende with some grayish-green stilbite and actinolite, and minute clumps of pyrite crystals (x-ray analysis)
- 235 - 245 "
- 245 - 255 Quartz-mica gneiss — gray, gray-green and white; fine grained; biotite, muscovite, plagioclase, quartz, minor chlorite and rare hornblende
- 255 - 265 "

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0 - 55	No sample	
55 - 125	Diabase Dike	Triassic (?)
125 - 265	Undifferentiated metamorphics	Lower Paleozoic

Virginia Division of Mineral Resources
 Richard P. Goode, Geologist
 October 14, 1966