

OWNER: Henrico County School Board
(Varina High School #1)
DRILLER: Sydnor Pump & Well Company, Inc.
COUNTY: Henrico (Varina)

VDMR # 738
WWCR # 156
TOTAL DEPTH: 266

SAMPLE DESCRIPTION
(Washed Samples)

0-3 No sample

3-19 Sand - quartz with yellow to orange argillaceous material, fine to coarse grained, subrounded, trace of sericite

19-32 Sand - 55% quartz with trace of yellow to orange argillaceous material, fine to pea-gravel size, subrounded (X-ray analysis: 30% white feldspar, 10% glauconite, 1% blue quartz)

32-50 Sand - 60% quartz, light gray, glauconitic, fine grained, subrounded, 25% feldspar, 10% glauconite

50-57 Sand - 60% quartz, white to light gray, glauconitic, fine to coarse grained, subrounded, 25% white feldspar, 10% glauconite, trace of blue quartz and iron oxide

57-67 Sand - 80% quartz, white to light gray glauconitic, argillaceous, fine to medium grained, subrounded, 10% white feldspar, 5% glauconite, trace of blue quartz

67-77 As above

77-87 As above

87-97 As above

97-107 Sand - 85% quartz, white to light gray, slightly argillaceous, fine to coarse grained, subrounded, 10% white feldspar, trace of muscovite and blue quartz

107-117 Sand - 75% quartz, white to light gray, glauconitic, argillaceous, fine to very coarse grained, subrounded, 15% white feldspar, 5% glauconite

117-127 As above

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#738

- 127-137 Sand - 80% quartz, white to light gray, glauconitic, argillaceous, fine to very coarse grained, subrounded, 15% white feldspar, trace of glauconite
- 137-147 Sand - 75% quartz, white with small amount of maroon (iron stain), slightly glauconitic and argillaceous, very fine to very coarse grained, subrounded, 20% white feldspar, trace of muscovite
- 147-157 No sample
- 157-167 Sand - 75% quartz, white with small amount of maroon, slightly glauconitic and argillaceous, very fine to very coarse grained, subrounded, 20% white feldspar, trace of muscovite
- 167-177 Sand - 60% quartz, white and maroon, glauconitic, highly argillaceous, very fine to very coarse grained, rounded to subrounded, 35% clay and glauconite, trace of muscovite
- 177-187 As above
- 187-266 No samples

GEOLOGIC SUMMARY

	<u>AGE</u>	<u>FORMATION OR UNIT</u>
0-19	Recent	Alluvium
19-57	Eocene	Aquia formation
57-266	Lower Cretaceous	Potomac group

Virginia Division of Mineral Resources
Merrick S. Whitfield - Geologist
October 22, 1962