

OWNER: Merrifield
DRILLER: R. L. Magette
COUNTY Norfolk (Portsmouth)

VDMR # 762
WWCR # 156
TOTAL DEPTH : 600

SAMPLE DESCRIPTION
(Washed Samples)

PLEISTOCENE (1-30)

0-1 No sample
1-6 Sand - white, fine to medium grained, subangular to subrounded, trace of heavy minerals and feldspar, slight trace of glauconite and muscovite
6-20 As above
20-30 Sand - light gray, fine to medium grained, subangular to subrounded, 30% shell fragments, trace of heavy minerals and feldspar, slight trace of iron oxide

MIOCENE (30-540)

30-63 Coquina - medium gray, fine to medium grained, subangular to subrounded, poorly cemented, 60% shell fragments, slight trace of heavy minerals, iron oxide and feldspar
63-120 Sand - light gray, fine to medium grained, subangular to subrounded, 5% shell fragments, trace of feldspar and heavy minerals
120-225 Coquina - light gray, fine to medium grained, subangular to subrounded, poorly cemented, 50% shell fragments, trace of feldspar and heavy minerals
225-380 As above
380-485 Sand - light gray, fine to medium grained, subangular to subrounded, 5% shell fragments, trace of feldspar and heavy minerals
485-500 Sand - light gray, fine to medium grained, subangular to subrounded, 30% shell fragments, trace of feldspar and heavy minerals
500-540 As above

EOCENE (540-580)

540-580 Sand - white, medium to coarse grained, subangular to subrounded, 10% shell fragments, 1% glauconite, trace of feldspar and heavy minerals

OWNER: Merrifield (continued)

#762

UPPER CRETACEOUS ? (580-600)

580-600 Sand - white, medium to very coarse grained, subangular to subrounded, 1% shell fragments, trace of feldspar and heavy minerals

GEOLOGIC SUMMARY

	<u>AGE</u>	<u>ROCK UNIT</u>
1-30	Pleistocene	Columbia group
30-540	Miocene	Chesapeake group
540-580	Eocene	Pamunkey group
580-600	Upper Cretaceous ?	Matawan formation ?

Virginia Division of Mineral Resources
Merrick S. Whitfield - Geologist
January 3, 1963