

INTERVAL SHEET

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Date 12-27-62

PROP: Merrifield

COMP: R. L. Magette

COUNTY: Norfolk (Portsmouth)

VDMR Well No.: 762 WWCR # 156

Sample Interval: from 1 to 600

Total depth 600

Oil  Gas  Water  X Exploratory

Cuttings  Core  Other

From-To	From-To	From-To	<u>Washed Samples</u>	From-To
-	1 - 6	-	Complete set of	-
-	6 - 20	-	sampled intervals	-
-	20 - 30	-	-	-
-	30 - 63	-	-	-
-	63 - 120	-	-	-
-	120 - 225	-	-	-
-	225 - 380	-	-	-
-	380 - 485	-	-	-
-	485 - 500	-	-	-
-	500 - 540	-	-	-
-	540 - 580	-	-	-
-	580 - 600	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

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