

OWNER: National Park Service (Poplar Grove Cemetary)
DRILLER: Charles H. Helmick
COUNTY: Dinwiddie (Petersburg)

VDMR # 1006
WWCR # 22
TOTAL DEPTH : 132

GEOLOGIC LOG

0-50 (Columbia Group)

- 0-5 Sand & Silt - yellow, some iron staining, poorly sorted,
granule to fine grained, subrounded
- 5-10 As above
- 10-15 Sand & Silt - red, iron staining, fairly well sorted,
granule to very fine grained, angular to sub-
angular, mica
- 15-20 As above
- 20-25 As above
- 25-30 Sand - white to red, iron stained, fairly well sorted,
granule to fine grained, subangular, mica, feldspar
- 30-35 Conglomerate - white, fairly well sorted, pebbly, coarse to
fine grained, subrounded to rounded, feldspar, mica
- 35-40 As above
- 40-45 Sand - white, poorly sorted, granule to very fine grained,
pebbly, rounded to subangular, feldspar, shell
fragments
- 45-50 As above

50-132 (Yorktown Formation)

- 50-55 Sand & Marl - gray, some weathered fragments, fairly well
sorted, coarse to fine grained, pebbly, subangular
to subrounded, mica, Turritella sp., Ostrea sp (?),
small pelecypoda, shell fragments (pelecypoda, ostrea)
- 55-60 As above (No Turritella noted)
- 60-65 As above
- 65-70 As above
- 70-75 Sand & Marl - gray, some weathered fragments, fairly well
sorted, very coarse to fine grained, subangular to
subrounded, small pelecypoda, shell fragments (pelecypoda,
Ostrea)

- 75-80 As above - plus Venericardia Granulata say, & Turritella
- 80-85 Sand & Marl - gray, some weathered fragments, fairly well sorted, very coarse to fine grained, subangular to subrounded, small pelecypoda, shell fragments (pelecypoda, Ostrea)
- 85-90 As above - (plus scaphopoda)
- 90-95 As above - (no scaphopoda noted)
- 95-100 As above
- 100-105 Sand & Marl - gray, some weathered fragments, fairly well sorted, very coarse to fine grained, subangular to subrounded, small pelecypoda, shell fragments (pelecypoda, Ostrea) Turritella sp. foraminifera, & bryozoans
- 105-110 As above - (plus scaphopoda)
- 110-115 As above
- 115-120 As above
- 120-125 Sand - white, some weather-stained fragments, fairly well sorted, very coarse to fine grained, angular to subangular, monazite, glauconite, magnetite, collophane, mica, pyrite, small pelecypoda, shell fragments (pelecypoda, Ostrea, Turritella sp.)
- 125-130 As above

GEOLOGIC SUMMARY

<u>ROCK UNIT</u>	<u>AGE</u>
0-50' Columbia Group	Pleistocene
50-130' Yorktown Formation	Miocene

Virginia Division of Mineral Resources
 Roger C. Wilkenloh - Geologist
 May 14, 1964