

OWNER: Virginia Department of Highways
Interstate 95 Rest Area, well #4
DRILLER: Moseley & Nash
COUNTY: Prince William (Woodbridge)

VDMR 1590
WWCR 285
TOTAL DEPTH: 60'

GEOLOGIC LOG

- 0 - 10 Clay and Sand — 50% brownish gray clay, and 50% poorly sorted, poorly rounded, slightly arkosic sand with abundant blue quartz; a few pebbles and fragments of graphitic slate
- 10 - 20 Clay and Sand — orange-brown; 50% ferric clay, and 50% poorly sorted arkosic sand with abundant crusts of iron (and manganese?) oxides, and fragments of kaolinitic clay; a few rounded pebbles.
- 20 - 30 Clay, Sand, and Gravel — gray; very heterogeneous; moderately arkosic; fragments of granitic rock, sandstone, green slate, and graphitic slate; localized carbonate cementation; some pyrite, vein calcite, and encrusting iron oxides; a few plant fragments; gravel is generally well rounded
- 30 - 40 "
- 40 - 50 Sand and Slate — poorly sorted arkosic sand, locally cemented by pyrite, and pyritic graphitic slate; small amount of quartz gravel
- 50 - 60 " about 25% quartz gravel

GEOLOGIC SUMMARY

ROCK UNIT

AGE

Columbia group

Pleistocene

Virginia Division of Mineral Resources
Robert H. Teifke, Geologist
October 14, 1966