

OWNER: John Lee Pratt
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: ~~Spotsylvania~~ Stafford

VDMR # 781
WWCR # ~~481~~⁵³
TOTAL DEPTH : 226'

GEOLOGIC LOG

Columbia Group (0-25)

0-25 Sand - tan, medium to fine grained, angular, very silty, slightly argillaceous, small amount of gravel

Patuxent Formation (?-185)

? - 125 Sand - white, coarse to fine grained, subangular to subrounded, very argillaceous (kaolinitic), slightly arkosic and silty, small amount of gravel

125-172 Sand - buff, coarse to fine grained, angular to subangular, slightly arkosic and silty, very argillaceous

172-174 Sand - light gray, coarse to medium grained, angular, very arkosic, slightly silty and argillaceous

174-185 Sand - white, coarse to fine grained, angular to subangular, very argillaceous (kaolinitic), slightly arkosic and silty

Unconformity

185-205 Granite gneiss saprolite (?) - gray, medium grained, angular, very micaceous (biotitic) and quartzitic, slightly argillaceous, arkosic and silty, trace of iron

205-216 Granite gneiss saprolite(?) light gray, coarse to medium grained, angular, very micaceous (biotitic) and quartzitic, slightly arkosic, trace of silt and clay

GEOLOGIC SUMMARY

	<u>AGE</u>	<u>ROCK UNIT</u>
0-25	Pleistocene	Columbia group
? - 185	Lower Cretaceous	Patuxent formation
185-216	Precambrian (?)	Granite gneiss saprolite (?)

Virginia Division of Mineral Resources
James L. Ruhle - Geologist
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