

OWNER: M & S Realty
DRILLER: J. S. Ange
COUNTY: Fairfax (Garfield)

VDMR #1010
WWCR # 660
TOTAL DEPTH: 100'

GEOLOGIC LOG

- 0-10 Sand - buff, fine to medium grained, fairly well sorted, subangular to subrounded, very arkosic, moderately argillaceous (buff-colored clay).
- 10-20 Sand - buff, fine to medium grained, fairly well sorted, subangular, very arkosic, very argillaceous (buff-colored clay), a few granules.
- 20-30 Sand - brown, medium to coarse grained, fairly well sorted, subangular to subrounded, arkosic, slightly argillaceous, small amount granules and small pebbles.
- 30-40 Sand - brown, fine to medium grained, rather poorly sorted, subangular to subrounded, very arkosic and argillaceous, a few granules, trace of muscovite.
- 40-50 Sand - greyish brown, fine to medium grained, fairly well sorted, subangular, arkosic, very argillaceous, slightly ferruginous, trace of muscovite, a few grains of black tourmaline (sand and clay in subequal amounts).
- 50-60 Clay - brown with greenish cast, very sandy, poorly sorted, subangular to subrounded, very arkosic sand, slightly ferruginous.
- 60-70 Sand - greyish brown, very fine to medium grained, poorly sorted, subangular, very argillaceous, arkosic, small amount muscovite, trace of biotite, slightly ferruginous.
- 70-80 As above.
- 80-90 Sand - brown, fine to medium grained, poorly sorted, subangular, very arkosic, slightly argillaceous, ferruginous and micaceous (muscovite).
- 90-100 Sand - gray with orange cast, medium to coarse grained, fairly well sorted, subangular, very arkosic, iron stained grains abundant, very slightly argillaceous, small amount small gravel.

OWNER: M & S Realty (Continued)

#1010

GEOLOGIC SUMMARY

ROCK UNIT

AGE

Potomac Group

Lower Cretaceous

Virginia Division of Mineral Resources
Robert H. Teifke, Geologist
November 5, 1964