# INTERVAL SHEET

age1			VDMR WELL NO.: 781 WWCR #-481-53	
Date 1/31/63			ample Interval: from 0	to 216
PROP:	John Lee Pratt	To	otal Depth 226	
COMP:	Sydnor	0:	ilGasWater_X	_Exploratory
COUNTY:	Spotsylvania (Fredericksburg	g) Cu	uttingsXCoreO	ther
From-To	From-To	From-To	From-To	From-To
-	0 - 25	-	Insufficient quantity of	
-	? - 125	-	material to v	vash _
-	125 <b>-</b> 172 172 <b>-</b> 174	-	-	
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	174 105			
-	174- 185 185- 205	·=		-
_	205 - 216	_		_
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OWNER: John Lee Pratt

DRILLER: Sydnor Pump & Well Co., Inc.

COUNTY: Spotsylvania Stafford

VDMR # 781 WWCR # 481 33 TOTAL DEPTH : 226'

#### GEOLOGIC LOG

## Columbia Group (0-25)

O-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>

### ROCK UNIT

O-25 Pleistocene ? - 185 Lower Cretaceous 185-216 Precambrian (?)

Columbia group
Patuxent formation
Granite gneiss saprolite (?)

Virginia Division of Mineral Resources James L. Ruhle - Geologist February 4, 1963