



OWNER: Charles G. Koogler No. 3  
DRILLER: Sydnor Pump & Well Co.  
COUNTY: Rockingham (Bridgewater)

VDMR # 783  
WWCR # 432  
TOTAL DEPTH : 163

GEOLOGIC LOG

0-15	Clay - tan, silty, with traces of black silty shale
15-70	No samples (top of bedrock in this interval)
70	Shale - black, carbonaceous, silty, fairly soft, trace of yellow very fine grained sandstone
70-85	As above
85-100	Shale - black, carbonaceous, silty, moderately fissile, soft, trace of yellow sandstone and calcite
100-115	Shale - black, carbonaceous, silty, some fragments cemented together, considerable calcite
115-130	Shale - black, carbonaceous, silty, interbedded with minor amount of dark gray limestone
130-145	As above
145-160	Shale - black, silty, carbonaceous, some dark gray limestone and traces of calcite and sandstone
160-163	No sample

GEOLOGIC SUMMARY

AGE

Ordovician

ROCK UNIT

Martinsburg shale

Virginia Division of Mineral Resources  
Laurence H. Gardner II - Geologist  
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