

OWNER: Virginia Department of Highways
DRILLER: Sydnor Hydrodynamics, Inc.
COUNTY: Frederick (Stephens City)

VDMR: 1712
WWCR: 278
TOTAL DEPTH: 146'

GEOLOGIC LOG

Depth in feet

0-10	Shale - 40% pale-yellowish-brown; 40% olive-gray, calcareous shale, 20% dark-gray, fine-grained, argillaceous limestone
10-20	"
20-30	"
30-40	Limestone - 40% dark-gray, fine-grained, argillaceous, crystalline; 20% olive-gray, fine-grained, crystalline, argillaceous limestone; 40% pale-yellowish-brown shale
40-50	Limestone - 75% dark-gray, fine-grained, crystalline, argillaceous; 20% olive-gray, fine-grained, crystalline, argillaceous limestone; 5% pale-yellowish-brown shale
50-60	"
54	"
60-70	Shale - medium-gray, calcareous
61	Shale - 75% pale-yellowish-brown; 25% dark-gray, fine-grained, crystalline, argillaceous limestone
70-80	Limestone - medium-gray, fine-grained, crystalline, argillaceous
80-90	"
90-100	"
100-110	"
110-120	"
120-130	"
130-140	"
131	"
135	" with vein calcite

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#1712

GEOLOGIC SUMMARY

Rock Unit

Age

Edenburg Formation

Ordovician

Virginia Division of Mineral Resources
William W. Winters, Geologist
September 1967