

OWNER: Norfolk & Western Railway Co.
DRILLER: Hufford Keene
COUNTY: Russell (Lebanon)

VDMR: 1757
WWCR: 27
TOTAL DEPTH: 214'

GEOLOGIC LOG

Depth in feet

0 - 40	Dolomite — very dark-drab-gray, about 50% of sample has been weathered to a reddish-brown; very fine-grained to micro crystalline, fissile, laminated; trace of calcite veins.
40 - 50	Dolomite — very dark-drab-gray to black, some weathered reddish-brown fragments; very fine-grained to micro crystalline, fissile, laminated.
50 - 60	Dolomite — very dark-drab-gray to black; very fine-grained to micro crystalline; trace of dark tannish-gray chert.
60 - 70	Calcareous Dolomite — very dark-gray; medium-grained to micro crystalline, laminated; trace of vein calcite.
70 - 80	"
80 - 100	"
100 - 110	"
110 - 120	Dolomite — dark-gray; very fine-grained to micro crystalline; inter-laminated with medium- to light-gray, fine-grained limestone; trace of vein calcite.
120 - 130	Limestone — very dark-gray to black, very fine-grained; some very dark-gray, very fine-grained dolomite; trace of vein calcite.
130 - 140	Dolomite — medium gray to black; fine-grained to micro crystalline; some interlaminated medium-gray, fine-grained limestone; trace of vein calcite.
140 - 150	"
150 - 210	Limestone — medium- to very dark-gray; very fine-grained to micro crystalline; some dark-gray, fine-grained dolomite; trace of vein calcite.

GEOLOGIC SUMMARY

<u>Rock Unit</u>	<u>Age</u>
Honaker Formation	Cambrian

Virginia Division of Mineral Resources
Thomas M. Gathright - Geologist
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