

Woodland Inventory Report

Bobby H. Mullins Revocable Living Trust Property

Manson Road Area

Fentress County, Tennessee

This report was prepared to determine the present estimated sawtimber board foot volume on a tract of land located in Fentress County, Tennessee. The field work was completed May 30, 2022.

A series of systematically spaced plots were sampled throughout the tracts and all sound merchantable hardwood trees 12 inches D.B.H. and larger were measured and tallied. Board foot volume was computed using the Doyle Log Rule (Form Class 80). The following tables list the present estimated board foot volume by species.

Tract No. 1 (129 Acres of Woodland)

<u>Species</u>	<u>Estimated Bd. Ft. Volume, Doyle Log Rule</u>
Poplar	238,000 Bd. Ft.
Hard Maple	182,500
Hickory	143,600
White Oak	71,000
Red Oak	61,800
Soft Maple	47,000
Chestnut Oak	43,900
Beech	31,700
Yellow Pine	17,800
Cherry	5,900
Ash	3,700
Walnut	2,200
Misc. Species (Black Gum, Buckeye, etc.)	<u>55,700</u>
Total	904,800 Bd. Ft.

This inventory was based upon 129 acres of woodland with an average board foot volume of 7,014 bd. ft. per acre. In the event that the wooded acreage is either less or more than 129 acres then the total board foot volume would also be either less or more than the above total.

Tract No. 2 (242 Acres of Woodland)

<u>Species</u>	<u>Estimated Bd. Ft. Volume, Doyle Log Rule</u>
Chestnut Oak	599,000 Bd. Ft.
Poplar	153,200
White Oak	133,600
Red Oak	126,800
Soft Maple	125,400
Hickory	89,800
Hard Maple	54,700
Cherry	12,800
Yellow Pine	7,700
Beech	5,800
Misc. Species (Black Gum, Buckeye, etc.)	<u>45,800</u>
Total	1,354,600 Bd. Ft.

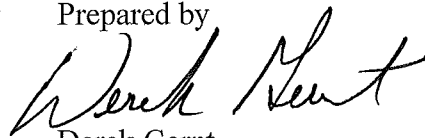
This inventory was based upon 242 acres of woodland with an average board foot volume of 5,598 bd. ft. per acre. In the event that the wooded acreage is either less or more than 242 acres then the total board foot volume would also be either less or more than the above total.

Tract No. 3 (90 Acres of Woodland)

<u>Species</u>	<u>Estimated Bd. Ft. Volume, Doyle Log Rule</u>
Poplar	298,600 Bd. Ft.
Hard Maple	127,800
Hickory	80,000
Beech	33,200
White Oak	29,700
Red Oak	16,700
Soft Maple	13,400
Cherry	7,800
Chestnut Oak	5,700
Misc. Species (Black Gum, Buckeye, etc.)	<u>50,400</u>
Total	663,300 Bd. Ft

This inventory was based upon 90 acres of woodland with an average board foot volume of 7,370 bd. ft. per acre. In the event that the wooded acreage is either less or more than 90 acres then the total board foot volume would also be either less or more than the above total.

Prepared by



Derek Gernt

Gernt, Hudson, and Associates, Inc.

May 31, 2022