

**TIMBER MARKETING & MANAGEMENT INC.***Professional Forestry Consultants*

P.O. Box 396

Chesterfield, VA 23832

Ph (804) 796-9622

Fax (804) 796-9693

www.tmmva.com

| | | |
|------------------|---------------------------|------------|
| Sale Date: | September 28, 2023 | |
| Time: | 11:00 a.m. | |
| Day: | Thursday | |
| | Clear Cut | SMZ |
| Total Vol./Acre: | 23,935 B.F. | 4,404 B.F. |
| Pine Vol/Tree: | 291 B.F. | 403 B.F. |
| Hdwd. Vol/Tree: | 269 B.F. | 516 B.F. |

**EXCELLENT QUALITY PINE & HARDWOOD SAWTIMBER
HIGH VOLUME PER ACRE
VERY LITTLE PULPWOOD**

Having been employed by **Dr. Phillip M. Cook** we solicit bids on all merchantable timber on **81 +/- acres** and on the RED marked timber only in the SMZ's containing **23 +/- acres** in **Amelia County, Virginia** and as shown on the attached map.

We made a 5% plot cruise of the pulpwood trees to be harvested. Our estimate of their volume is:

| <u>Pulpwood</u> | <u>Cords</u> | <u>Tons</u> |
|-----------------|--------------|-------------|
| Pine | 57 | 148 |
| Soft Hardwood | 129 | 335 |
| Hard Hardwood | <u>109</u> | <u>283</u> |
| Total: | 295 | 767 |

We have made a 100% tree count of the sawtimber-size trees to be harvested. Our estimate of their volume is:

| <u>Sawtimber</u> | <u>Clear Cut</u> | <u>SMZ</u> | <u>Total</u> |
|------------------|------------------|------------|--------------|
| Loblolly Pine | 1,627,600 | 22,600 | 1,650,200 |
| Poplar | 178,000 | 38,100 | 216,100 |
| Hickory | 43,300 | 3,200 | 46,500 |
| White Oak | 18,900 | 6,900 | 25,800 |
| N. Red Oak | 15,700 | 3,700 | 19,400 |
| Red Oak | 15,200 | 2,500 | 17,700 |
| Gum | 11,800 | 2,300 | 14,100 |
| Sycamore | 1,600 | 0 | 1,600 |
| Maple | 1,300 | 0 | 1,300 |
| Virginia Pine | 1,000 | 0 | 1,000 |
| Beech | 400 | 0 | 400 |
| Walnut | <u>100</u> | <u>0</u> | <u>100</u> |

1,914,900 79,300 1,994,200 Total: BF Int 1/4" scale

VENEER

Included in the volumes are high quality trees that from our review will be of high enough quality that a veneer cut can be obtained. The veneer volume is estimated to be:

White Oak (Clear Cut) 398 BF Doyle Scale

White Oak (SMZ) 122 BF Doyle Scale

520 Total BF Doyle Scale

The above volumes are not guaranteed; however, care was taken in the field to assemble the above tables. You should note how your utilization practices may vary from the above and make any necessary adjustments.

CONDITIONS

1. The landowner assumes responsibility for compliance with the Virginia State Seed Tree Law.
2. A period of time of 2 years will be allowed to cut and remove the timber.
3. Roads **must** be maintained and restored to their original condition upon completion of the logging. Any newly constructed roads and decks must be left in a graded condition and must be seeded upon completion of logging. Any newly constructed haul roads, skid roads and log decks and all logging operations must be in accordance with the guidelines set out in the **Best Management Practices Manual** of the Virginia Department of Forestry.
4. No tops or laps will be allowed to remain in the streams, fields, buffers or over cutting boundaries. They must be pulled back immediately.
5. **RED MARKED TREES ONLY** are to be cut from Streamside Management Zones.
6. No logging will be permitted during excessively wet weather conditions as determined by Timber Marketing & Management, Inc. If logging is halted due to weather conditions, then an extension of time equal to the time lost will be granted.
7. A \$2,500.00 performance bond will be paid at closing and held by Timber Marketing & Management, Inc. to insure compliance with all BMP requirements, road maintenance and conditions of the Timber Purchase Contract.
8. Driveway may be used for viewing access but logging and harvesting access must be used through the field as indicated on the attached map.
9. No decking in fields.
10. If successful buyer does not employ a chipper, deck debris not utilized in skid trails must be left in a pile at the corner of the deck.

Only sealed bids will be accepted and owners reserve the right to reject any or all bids. BIDS SHOULD BE SUBMITTED PRIOR TO THE TIME OF BID OPENING AND CAN BE SUBMITTED VIA: Mail to: Timber Marketing & Management, Inc. P. O. Box 396, Chesterfield, Virginia 23832 **OR** hand delivered to 9520 Ironbridge Road, Chesterfield, Virginia **OR** telephoned in to 804-796-9622 **OR** faxed to 804-796-9693 **OR** emailed to tmm4u@aol.com Bids must be made on a lump-sum basis and must be received at this address no later than the posted bid date and time as shown on the cover. Closing shall take place within 30 days of bid acceptance.

There will be no scheduled show trip of the tract; however, you may call and set an appointment or you may inspect the property at your own leisure.

An electronic copy of this sale notice, including maps and volumes, is available for download and viewing on our website at www.tmmva.com under the Timber Sale Notices section.

Sincerely,
Timber Marketing & Management, Inc.
Matt Sandman, Area Manager
434-808-2102 mobile
804-796-9622 office

Cook Tract

Timber Marketing & Management, Inc.

Professional Forestry Consultants

P.O. Box 396

Chesterfield, VA 23832-0000

Phone: (804) 796-9622 • Fax: (804) 796-9693

Pulpwood Cruise: 5.0%
Sawtimber Cruise: 100.0%
Veneer Cruise: 100.0%

Cruise Date: Wednesday, August 30, 2023
Owner's Name: P. Cook
County/State: Amelia County, VA
Acreage: 80+/-
Cruise Type: Tree Count
Harvest Type: Clear Cut
Total BF/Acre: 23,935
Pine Vol/Tree: 290.6
Hardwood Vol/Tree: 269.3

Volume Legend:

- 1) Diameters shown in inches (DBH)
- 2) Logs measured in 16' increments
- 3) Sawtimber volumes are shown in thousands of board feet (MBF)
- 4) Volume scale used for each species of sawtimber is noted
- 5) Pulpwood volumes are shown in standard cords (128 cubic feet)

Comments:

Pulpwood Standard Cord

| Wood Classification | | | | | | | | |
|---------------------|---------|--------|---------------|--------|---------|---------------|---------|--------|
| Pine | | | Soft Hardwood | | | Hard Hardwood | | |
| DBH | # Trees | Volume | # Trees | Volume | # Trees | Volume | # Trees | Volume |
| 6 | 40 | 2 | 1,360 | 53 | 980 | 38 | | |
| 8 | 180 | 18 | 420 | 33 | 560 | 44 | | |
| 10 | 160 | 27 | 260 | 35 | 200 | 27 | | |
| 12 | 40 | 11 | 40 | 8 | | | | |
| Total | 420 | 57 | 2,080 | 129 | 1,740 | 109 | | |

Beech - Sawtimber International 1/4 Scale

| Number of Logs | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|---------|--------|------------|
| DBH | 1-Log | 2-Log | 3-Log | 4-Log | 5-Log | # Trees | Volume | % of Total |
| 16 | 1 | | | | | 1 | 0.1 | 25.6% |
| 18 | 1 | | | | | 1 | 0.1 | 33.0% |
| 20 | 1 | | | | | 1 | 0.2 | 41.4% |
| Total | 3 | | | | | 3 | 0.4 | |

Gum - Sawtimber International 1/4 Scale

| Number of Logs | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|---------|--------|------------|
| DBH | 1-Log | 2-Log | 3-Log | 4-Log | 5-Log | # Trees | Volume | % of Total |
| 12 | 12 | | | | | 12 | 0.7 | 5.7% |
| 14 | 4 | 10 | | | | 14 | 1.7 | 14.8% |
| 16 | 2 | 5 | 2 | | | 9 | 1.7 | 14.3% |
| 18 | | 9 | 4 | | | 13 | 3.6 | 30.3% |
| 20 | | 5 | | | | 5 | 1.6 | 13.3% |
| 22 | 1 | 6 | | | | 7 | 2.5 | 21.6% |
| Total | 19 | 35 | 6 | | | 60 | 11.8 | |

Hickory - Sawtimber International 1/4 Scale

| Number of Logs | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|---------|--------|------------|
| DBH | 1-Log | 2-Log | 3-Log | 4-Log | 5-Log | # Trees | Volume | % of Total |
| 12 | 15 | | | | | 15 | 0.8 | 1.9% |
| 14 | 6 | 8 | | | | 14 | 1.6 | 3.8% |
| 16 | 8 | 21 | 1 | | | 30 | 5.1 | 11.9% |
| 18 | 1 | 20 | 3 | | | 24 | 6.1 | 14.1% |
| 20 | 4 | 19 | 4 | | | 27 | 8.4 | 19.4% |
| 22 | 1 | 13 | 3 | | | 17 | 6.8 | 15.8% |
| 24 | 2 | 4 | 6 | | | 12 | 6.3 | 14.5% |
| 26 | 1 | 3 | | | | 4 | 2.0 | 4.6% |
| 28 | | 1 | 1 | | | 2 | 1.6 | 3.6% |
| 30 | | 3 | | | | 3 | 2.3 | 5.3% |
| 32 | | 1 | | | | 1 | 0.9 | 2.0% |
| 34 | | | 1 | | | 1 | 1.4 | 3.2% |
| Total | 38 | 93 | 19 | | | 150 | 43.3 | |

Loblolly Pine - Sawtimber International 1/4 Scale

| Number of Logs | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|---------|---------|------------|
| DBH | 1-Log | 2-Log | 3-Log | 4-Log | 5-Log | # Trees | Volume | % of Total |
| 10 | 96 | 15 | | | | 111 | 4.3 | 0.3% |
| 12 | 54 | 204 | 284 | | | 542 | 55.9 | 3.4% |
| 14 | 14 | 195 | 661 | 223 | | 1,093 | 199.8 | 12.3% |
| 16 | 11 | 151 | 775 | 556 | 2 | 1,495 | 398.5 | 24.5% |
| 18 | 9 | 94 | 699 | 547 | 5 | 1,354 | 481.5 | 29.6% |
| 20 | 7 | 42 | 381 | 285 | 3 | 718 | 324.8 | 20.0% |
| 22 | 1 | 11 | 116 | 77 | 3 | 208 | 117.0 | 7.2% |
| 24 | 1 | 4 | 39 | 16 | | 60 | 39.6 | 2.4% |
| 26 | | | 8 | | | 8 | 6.1 | 0.4% |
| Total | 193 | 716 | 2,963 | 1,704 | 13 | 5,589 | 1,627.6 | |

Maple - Sawtimber International 1/4 Scale

| Number of Logs | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|---------|--------|------------|
| DBH | 1-Log | 2-Log | 3-Log | 4-Log | 5-Log | # Trees | Volume | % of Total |
| 14 | 1 | | | | | 1 | 0.1 | 6.6% |
| 16 | 2 | 1 | | | | 3 | 0.4 | 33.0% |
| 18 | 2 | | | | | 2 | 0.3 | 23.0% |
| 24 | | 1 | | | | 1 | 0.5 | 37.4% |
| Total | 5 | 2 | | | | 7 | 1.3 | |

Cook Tract

Timber Marketing & Management, Inc.

Cruise Date: Wednesday, August 30, 2023
 Owner's Name: P. Cook
 County/State: Amelia County, VA

Northern Red Oak - Sawtimber International 1/4 Scale

| Number of Logs | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|---------|--------|------------|--|
| DBH | 1-Log | 2-Log | 3-Log | 4-Log | 5-Log | # Trees | Volume | % of Total | |
| 12 | 12 | | | | | 12 | 0.7 | 4.3% | |
| 14 | 6 | 6 | | | | 12 | 1.3 | 8.6% | |
| 16 | 4 | 2 | | | | 6 | 0.8 | 5.3% | |
| 18 | 1 | 4 | | | | 5 | 1.1 | 7.2% | |
| 22 | | 2 | 1 | | | 3 | 1.3 | 8.3% | |
| 24 | 1 | 3 | | | | 4 | 1.7 | 10.7% | |
| 26 | 1 | 3 | | | | 4 | 2.0 | 12.7% | |
| 28 | 1 | | 1 | | | 2 | 1.3 | 8.1% | |
| 30 | | | 1 | | | 1 | 1.1 | 6.7% | |
| 32 | | 1 | 2 | | | 3 | 3.3 | 21.0% | |
| 36 | | 1 | | | | 1 | 1.1 | 7.1% | |
| Total | 26 | 22 | 5 | | | 53 | 15.7 | | |

Sycamore - Sawtimber International 1/4 Scale

| Number of Logs | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|---------|--------|------------|--|
| DBH | 1-Log | 2-Log | 3-Log | 4-Log | 5-Log | # Trees | Volume | % of Total | |
| 14 | 1 | | | | | 1 | 0.1 | 5.2% | |
| 20 | | 1 | 1 | | | 2 | 0.7 | 46.8% | |
| 30 | | 1 | | | | 1 | 0.8 | 47.9% | |
| Total | 1 | 2 | 1 | | | 4 | 1.6 | | |

Virginia Pine - Sawtimber International 1/4 Scale

| Number of Logs | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|---------|--------|------------|--|
| DBH | 1-Log | 2-Log | 3-Log | 4-Log | 5-Log | # Trees | Volume | % of Total | |
| 10 | 4 | | | | | 4 | 0.1 | 14.9% | |
| 12 | 9 | 1 | | | | 10 | 0.6 | 61.8% | |
| 14 | 1 | 1 | | | | 2 | 0.2 | 23.2% | |
| Total | 14 | 2 | | | | 16 | 1.0 | | |

Poplar - Sawtimber International 1/4 Scale

| Number of Logs | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|---------|--------|------------|--|
| DBH | 1-Log | 2-Log | 3-Log | 4-Log | 5-Log | # Trees | Volume | % of Total | |
| 12 | 106 | | | | | 106 | 5.9 | 3.3% | |
| 14 | 14 | 112 | 6 | | | 132 | 18.1 | 10.2% | |
| 16 | 4 | 53 | 92 | | | 149 | 34.1 | 19.1% | |
| 18 | 3 | 26 | 69 | 1 | | 99 | 30.5 | 17.1% | |
| 20 | | 19 | 59 | 4 | | 82 | 33.2 | 18.7% | |
| 22 | | 7 | 27 | | | 34 | 17.0 | 9.5% | |
| 24 | | 6 | 17 | | | 23 | 13.8 | 7.7% | |
| 26 | | 4 | 9 | | | 13 | 9.1 | 5.1% | |
| 28 | | 1 | 8 | | | 9 | 7.9 | 4.4% | |
| 30 | | 1 | 2 | | | 3 | 2.9 | 1.6% | |
| 32 | | 1 | 2 | | | 3 | 3.3 | 1.9% | |
| 34 | | 1 | 1 | | | 2 | 2.4 | 1.3% | |
| Total | 127 | 231 | 292 | 5 | | 655 | 178.0 | | |

Walnut - Sawtimber International 1/4 Scale

| Number of Logs | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|---------|--------|------------|--|
| DBH | 1-Log | 2-Log | 3-Log | 4-Log | 5-Log | # Trees | Volume | % of Total | |
| 12 | 1 | | | | | 1 | 0.1 | 100.0% | |
| Total | 1 | | | | | 1 | 0.1 | | |

White Oak - Sawtimber International 1/4 Scale

| Number of Logs | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|---------|--------|------------|--|
| DBH | 1-Log | 2-Log | 3-Log | 4-Log | 5-Log | # Trees | Volume | % of Total | |
| 12 | 7 | | | | | 7 | 0.4 | 2.1% | |
| 14 | 5 | 10 | | | | 15 | 1.8 | 9.6% | |
| 16 | 1 | 5 | | | | 6 | 1.1 | 5.6% | |
| 18 | 1 | 4 | | | | 5 | 1.1 | 6.0% | |
| 20 | 1 | 9 | 2 | | | 12 | 3.9 | 20.4% | |
| 22 | 2 | 7 | | | | 9 | 3.2 | 16.7% | |
| 24 | | 6 | 1 | | | 7 | 3.5 | 18.3% | |
| 26 | 1 | 3 | | | | 4 | 2.0 | 10.5% | |
| 28 | 2 | 2 | | | | 4 | 2.0 | 10.8% | |
| Total | 20 | 46 | 3 | | | 69 | 18.9 | | |

Red Oak - Sawtimber International 1/4 Scale

| Number of Logs | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|---------|--------|------------|--|
| DBH | 1-Log | 2-Log | 3-Log | 4-Log | 5-Log | # Trees | Volume | % of Total | |
| 12 | 22 | | | | | 22 | 1.2 | 8.1% | |
| 14 | 7 | 4 | | | | 11 | 1.1 | 7.5% | |
| 16 | | 4 | | | | 4 | 0.8 | 5.0% | |
| 18 | 1 | 3 | | | | 4 | 0.9 | 5.8% | |
| 20 | 1 | 5 | | | | 6 | 1.8 | 11.5% | |
| 22 | 1 | 2 | | | | 3 | 1.0 | 6.5% | |
| 24 | | 1 | | | | 1 | 0.5 | 3.1% | |
| 28 | 1 | 3 | 1 | | | 5 | 3.2 | 21.2% | |
| 30 | | 1 | 1 | | | 2 | 1.8 | 11.9% | |
| 32 | | 2 | 1 | | | 3 | 3.0 | 19.4% | |
| Total | 33 | 25 | 3 | | | 61 | 15.2 | | |

Cook Tract

Timber Marketing & Management, Inc.

Cruise Date: Wednesday, August 30, 2023
 Owner's Name: P. Cook
 County/State: Amelia County, VA

Sawtimber Volume by Timber Type

| Timber Type | # Trees | Volume | Avg BF/Tree | % of Total |
|-------------|---------|---------|-------------|------------|
| Hardwood | 1,063 | 286.3 | 269.3 | 15.0% |
| Pine | 5,605 | 1,628.6 | 290.6 | 85.0% |
| Total | 6,668 | 1,914.8 | 287.2 | |

Sawtimber Volume by DBH

| DBH | # Trees | Volume | Avg BF/Tree | % of Total |
|-------|---------|---------|-------------|------------|
| 10 | 115 | 4.5 | 39.0 | 0.2% |
| 12 | 727 | 66.3 | 91.2 | 3.5% |
| 14 | 1,295 | 225.9 | 174.5 | 11.8% |
| 16 | 1,703 | 442.6 | 259.9 | 23.1% |
| 18 | 1,507 | 525.2 | 348.5 | 27.4% |
| 20 | 853 | 374.5 | 439.1 | 19.6% |
| 22 | 281 | 148.8 | 529.7 | 7.8% |
| 24 | 108 | 65.7 | 608.6 | 3.4% |
| 26 | 33 | 21.2 | 643.6 | 1.1% |
| 28 | 22 | 16.0 | 726.8 | 0.8% |
| 30 | 10 | 8.7 | 874.8 | 0.5% |
| 32 | 10 | 10.4 | 1,041.5 | 0.5% |
| 34 | 3 | 3.8 | 1,251.7 | 0.2% |
| 36 | 1 | 1.1 | 1,121.0 | 0.1% |
| Total | 6,668 | 1,914.8 | 287.2 | |

Sawtimber Volume by Species

| Species | # Trees | Volume | Avg BF/Tree | % of Total |
|------------------|---------|---------|-------------|------------|
| Beech | 3 | 0.4 | 145.7 | 0.0% |
| Gum | 60 | 11.8 | 196.5 | 0.6% |
| Hickory | 150 | 43.3 | 288.7 | 2.3% |
| Loblolly Pine | 5,589 | 1,627.6 | 291.2 | 85.0% |
| Maple | 7 | 1.3 | 179.1 | 0.1% |
| Northern Red Oak | 53 | 15.7 | 295.9 | 0.8% |
| Poplar | 655 | 178.0 | 271.8 | 9.3% |
| Red Oak | 61 | 15.2 | 249.7 | 0.8% |
| Sycamore | 4 | 1.6 | 395.5 | 0.1% |
| Virginia Pine | 16 | 1.0 | 60.3 | 0.1% |
| Walnut | 1 | 0.1 | 56.0 | 0.0% |
| White Oak | 69 | 18.9 | 274.1 | 1.0% |
| Total | 6,668 | 1,914.8 | 287.2 | |

White Oak - Veneer

Doyle (Butt Log Scale)

| Butt Log Length | | | | | | | | | | | | # Logs | Volume | % of Total |
|-----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|--|---|--------|--------|------------|
| DBH | 8' | 10' | 12' | 14' | 16' | 18' | 20' | 22' | 24' | | | | | |
| 22 | 1 | | 1 | | | | | | | | 2 | 238 | 59.8% | |
| 24 | | 1 | | | | | | | | | 1 | 160 | 40.2% | |
| Total | 1 | 1 | 1 | | | | | | | | 3 | 398 | | |

Veneer Tag List

| Tag | Species | DBH | Butt Log Length |
|-----|-----------|-----|-----------------|
| G1 | White Oak | 22 | 8' |
| G2 | White Oak | 24 | 10' |
| G3 | White Oak | 22 | 12' |

Veneer Volume by DBH

| DBH | # Trees | Volume | Avg BF/Log | % of Total |
|-------|---------|--------|------------|------------|
| 22 | 2 | 238 | 119.0 | 59.8% |
| 24 | 1 | 160 | 160.0 | 40.2% |
| Total | 3 | 398 | 132.7 | |

Veneer Volume by Species

| Species | # Trees | Volume | Avg BF/Log | % of Total |
|-----------|---------|--------|------------|------------|
| White Oak | 3 | 398 | 132.7 | 100.0% |
| Total | 3 | 398 | 132.7 | |

Cook SMZ's

Timber Marketing & Management, Inc.

Professional Forestry Consultants

P.O. Box 396

Chesterfield, VA 23832-0000

Phone: (804) 796-9622 • Fax: (804) 796-9693

Sawtimber Cruise: 100.0%

Veneer Cruise: 100.0%

Cruise Date: Thursday, September 7, 2023

Owner's Name: P. Cook

County/State: Amelia County, VA

Acreage: 18+/-

Cruise Type: Tree Count

Harvest Type: Clear Cut

Total BF/Acre: 4,404

Pine Vol/Tree: 402.9

Hardwood Vol/Tree: 515.5

Volume Legend:

1) Diameters shown in inches (DBH)

2) Logs measured in 16' increments

3) Sawtimber volumes are shown in thousands of board feet (MBF)

4) Volume scale used for each species of sawtimber is noted

5) Pulpwood volumes are shown in standard cords (128 cubic feet)

Comments:

Gum - Sawtimber International 1/4 Scale

| Number of Logs | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|---------|--------|------------|
| DBH | 1-Log | 2-Log | 3-Log | 4-Log | 5-Log | # Trees | Volume | % of Total |
| 20 | | 1 | | | | 1 | 0.3 | 13.9% |
| 22 | | 2 | 1 | | | 3 | 1.3 | 57.6% |
| 24 | | | 1 | | | 1 | 0.6 | 28.5% |
| Total | 3 | 2 | | | | 5 | 2.3 | |

Hickory - Sawtimber International 1/4 Scale

| Number of Logs | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|---------|--------|------------|
| DBH | 1-Log | 2-Log | 3-Log | 4-Log | 5-Log | # Trees | Volume | % of Total |
| 20 | | 1 | | | | 1 | 0.3 | 9.7% |
| 22 | | 1 | | | | 1 | 0.4 | 12.0% |
| 24 | | | 1 | | | 1 | 0.6 | 20.0% |
| 26 | | 2 | 1 | | | 3 | 1.9 | 58.3% |
| Total | 4 | 2 | | | | 6 | 3.2 | |

Loblolly Pine - Sawtimber International 1/4 Scale

| Number of Logs | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|---------|--------|------------|
| DBH | 1-Log | 2-Log | 3-Log | 4-Log | 5-Log | # Trees | Volume | % of Total |
| 14 | | | 2 | | | 2 | 0.4 | 1.6% |
| 16 | | 1 | 6 | 5 | | 12 | 3.3 | 14.4% |
| 18 | | 2 | 8 | 10 | | 20 | 7.2 | 31.9% |
| 20 | | 1 | 6 | 6 | 1 | 14 | 6.5 | 28.9% |
| 22 | | | 3 | 2 | | 5 | 2.9 | 12.7% |
| 24 | | | 1 | 1 | | 2 | 1.4 | 6.3% |
| 26 | | | | 1 | | 1 | 0.9 | 4.1% |
| Total | 4 | 26 | 25 | | 1 | 56 | 22.6 | |

Northern Red Oak - Sawtimber International 1/4 Scale

| Number of Logs | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|---------|--------|------------|
| DBH | 1-Log | 2-Log | 3-Log | 4-Log | 5-Log | # Trees | Volume | % of Total |
| 20 | | 1 | | | | 1 | 0.3 | 8.5% |
| 22 | | 2 | | | | 2 | 0.8 | 20.9% |
| 24 | | 3 | | | | 3 | 1.4 | 38.0% |
| 26 | | 1 | | | | 1 | 0.6 | 15.1% |
| 28 | | 1 | | | | 1 | 0.7 | 17.6% |
| Total | | 8 | | | | 8 | 3.7 | |

Poplar - Sawtimber International 1/4 Scale

| Number of Logs | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|---------|--------|------------|
| DBH | 1-Log | 2-Log | 3-Log | 4-Log | 5-Log | # Trees | Volume | % of Total |
| 16 | | | 1 | | | 1 | 0.3 | 0.7% |
| 18 | | 1 | 4 | 1 | | 6 | 2.0 | 5.2% |
| 20 | | 5 | 11 | | | 16 | 6.3 | 16.4% |
| 22 | | 7 | 9 | | | 16 | 7.5 | 19.6% |
| 24 | | 6 | 9 | | | 15 | 8.6 | 22.6% |
| 26 | | 3 | 8 | | | 11 | 7.8 | 20.5% |
| 28 | | 2 | 2 | | | 4 | 3.1 | 8.2% |
| 30 | | | 1 | | | 1 | 1.1 | 2.8% |
| 36 | | | 1 | | | 1 | 1.6 | 4.1% |
| Total | 24 | 46 | | 1 | | 71 | 38.1 | |

Red Oak - Sawtimber International 1/4 Scale

| Number of Logs | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|---------|--------|------------|
| DBH | 1-Log | 2-Log | 3-Log | 4-Log | 5-Log | # Trees | Volume | % of Total |
| 20 | | 1 | | | | 1 | 0.3 | 12.7% |
| 22 | | 1 | | | | 1 | 0.4 | 15.7% |
| 24 | | 1 | 1 | | | 2 | 1.1 | 45.1% |
| 28 | | 1 | | | | 1 | 0.7 | 26.5% |
| Total | 4 | 1 | | | | 5 | 2.5 | |

White Oak - Sawtimber International 1/4 Scale

| Number of Logs | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|---------|--------|------------|
| DBH | 1-Log | 2-Log | 3-Log | 4-Log | 5-Log | # Trees | Volume | % of Total |
| 18 | | | 1 | | | 1 | 0.3 | 4.9% |
| 20 | | 1 | 2 | | | 3 | 1.2 | 16.9% |
| 22 | | 5 | 1 | | | 6 | 2.5 | 35.7% |
| 24 | | 3 | | | | 3 | 1.4 | 20.4% |
| 26 | | | 2 | | | 2 | 1.5 | 22.2% |
| Total | 9 | 6 | | | | 15 | 6.9 | |

Cook SMZ's

Timber Marketing & Management, Inc.

Cruise Date: Thursday, September 7, 2023
 Owner's Name: P. Cook
 County/State: Amelia County, VA

Sawtimber Volume by Timber Type

| Timber Type | # Trees | Volume | Avg BF/Tree | % of Total |
|-------------|---------|--------|-------------|------------|
| Hardwood | 110 | 56.7 | 515.5 | 71.5% |
| Pine | 56 | 22.6 | 402.9 | 28.5% |
| Total | 166 | 79.3 | 477.5 | |

Sawtimber Volume by DBH

| DBH | # Trees | Volume | Avg BF/Tree | % of Total |
|-------|---------|--------|-------------|------------|
| 14 | 2 | 0.4 | 186.0 | 0.5% |
| 16 | 13 | 3.5 | 269.8 | 4.4% |
| 18 | 27 | 9.5 | 353.1 | 12.0% |
| 20 | 37 | 15.2 | 411.3 | 19.2% |
| 22 | 34 | 15.6 | 459.8 | 19.7% |
| 24 | 27 | 15.2 | 564.5 | 19.2% |
| 26 | 18 | 12.7 | 706.4 | 16.0% |
| 28 | 6 | 4.4 | 737.3 | 5.6% |
| 30 | 1 | 1.1 | 1,050.0 | 1.3% |
| 36 | 1 | 1.6 | 1,571.0 | 2.0% |
| Total | 166 | 79.3 | 477.5 | |

Sawtimber Volume by Species

| Species | # Trees | Volume | Avg BF/Tree | % of Total |
|------------------|---------|--------|-------------|------------|
| Gum | 5 | 2.3 | 452.0 | 2.9% |
| Hickory | 6 | 3.2 | 538.0 | 4.1% |
| Loblolly Pine | 56 | 22.6 | 402.9 | 28.5% |
| Northern Red Oak | 8 | 3.7 | 463.4 | 4.7% |
| Poplar | 71 | 38.1 | 537.1 | 48.1% |
| Red Oak | 5 | 2.5 | 493.6 | 3.1% |
| White Oak | 15 | 6.9 | 460.5 | 8.7% |
| Total | 166 | 79.3 | 477.5 | |

White Oak - Veneer

Doyle (Butt Log Scale)

| Butt Log Length | | | | | | | | | | | | |
|-----------------|----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|------------|
| DBH | 8' | 10' | 12' | 14' | 16' | 18' | 20' | 22' | 24' | # Logs | Volume | % of Total |
| 22 | | 1 | | | | | | | | 1 | 122 | 100.0% |
| Total | | 1 | | | | | | | | 1 | 122 | |

Veneer Tag List

| Tag | Species | DBH | Butt Log Length |
|-----|-----------|-----|-----------------|
| R1 | White Oak | 22 | 10' |

Veneer Volume by DBH

| DBH | # Trees | Volume | Avg BF/Log | % of Total |
|-------|---------|--------|------------|------------|
| 22 | 1 | 122 | 122.0 | 100.0% |
| Total | 1 | 122 | 122.0 | |

Veneer Volume by Species

| Species | # Trees | Volume | Avg BF/Log | % of Total |
|-----------|---------|--------|------------|------------|
| White Oak | 1 | 122 | 122.0 | 100.0% |
| Total | 1 | 122 | 122.0 | |

COOK TRACT
104.47 +/- ACRES
AMELIA COUNTY, VA

LOGGING ACCESS

GATE

DRIVEWAY CAN BE USED
FOR VIEWING ACCESS,
BUT NOT FOR LOGGING

Declination

MN

MN 9.86° W

- Property Boundaries
- Streamside Mgmt. Zones
- Logging Access



TIMBER MARKETING & MANAGEMENT INC.

Professional Forestry Consultants

P.O. Box 396

Chesterfield, VA 23832

Ph (804) 796-9622

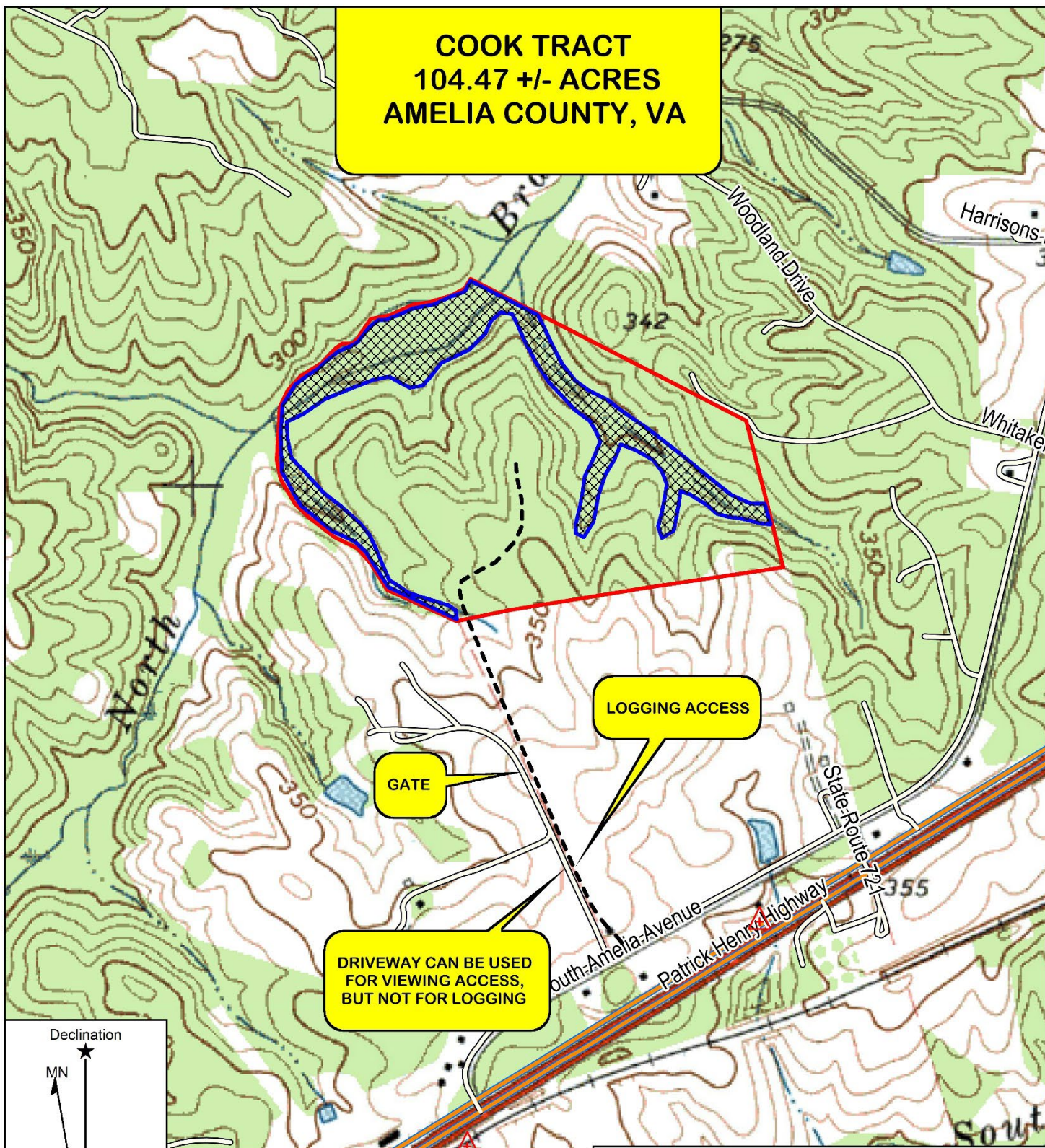
Fax (804) 796-9693

www.tmmva.com

Name: Cook Tract
Date: September 6, 2023
Scale: 1 inch = 833 ft.

Location: Amelia County, VA
80.97 +/- Acres Clearcut
23.5 +/- Acres SMZ

COOK TRACT
104.47 +/- ACRES
AMELIA COUNTY, VA



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