

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

P.O. Box 396  
 Chesterfield, VA 23832  
 Ph (804) 796-9622  
 Fax (804) 796-9693

Sale Date:	April 22, 2021	April 22, 2021
Time:	11:00 am	11:00 am
Day:	Thursday	Thursday
BLOCK:	<i>Gilman</i>	<i>Mattaponi</i>
Total Vol./Acre:	17,941	8,310
Loblolly Pine Vol/Tree:	196	128
Hdwd. Vol/Tree:	346	206

**EXCELLENT QUALITY HARDWOOD**

Having been employed by **The Gilman Family and Upper Mattaponi Indian Tribe**, we solicit bids on the **COMBINATION** of the timber on **The Gilman Walker Tract** and on the **Upper Mattaponi Indian Tribe** tract. On the **Gilman Walker** tract all merchantable timber on **62 +/- acres** in the clear cut area and blue marked timber only on **6 +/- acres** in the SMZ's and on the **Upper Mattaponi Indian Tribe** tract all merchantable timber on **6 +/- acres** in the clear cut area and on red marked timber only on **1 +/- acre** in the SMZ's. Both tracts are shown on the attached map and located in **King William County, Virginia**.

We have cruised the pulpwood trees to be harvested. Our estimate of their volume is:

<u>Pulpwood</u>	<u>5% Cruise 10% Cruise</u>		<u>Cords</u>	<u>Tons</u>
	<u>Gilman</u>	<u>Mattaponi</u>	<u>Combined Total</u>	<u>Combined Total</u>
Pine	19	15	34	88
Soft Hardwood	192	15	207	538
Hard Hardwood	<u>197</u>	<u>19</u>	<u>216</u>	<u>562</u>
<b>Total:</b>	<b>408</b>	<b>49</b>	<b>457</b>	<b>1,188</b>

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

<u>Sawtimber</u>	<u>Gilman</u>	<u>Mattaponi</u>	<u>Combined Total</u>	
Poplar	575,100	16,500	591,600	
Red Oak	220,000	8,100	228,100	
Gum	106,600	13,300	119,900	
Northern Red Oak	102,700	0	102,700	
White Oak	84,400	1,200	85,600	
Hickory	31,900	300	32,200	
Sycamore	17,400	0	17,400	
Ash	9,400	0	9,400	
Beech	7,300	300	7,600	
Maple	4,700	200	4,900	
Walnut	2,100	0	2,100	
Elm	1,700	0	1,700	
Cedar	800	0	800	
River Birch	0	200	200	
Holly	100	0	100	
Loblolly Pine	38,000	1,700	39,700	
Virginia Pine	<u>17,900</u>	<u>15,100</u>	<u>33,000</u>	
<b>Total</b>	<b>1,220,100</b>	<b>56,900</b>	<b>1,277,000</b>	<b>Total B.F. Int 1/4" Scale</b>

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

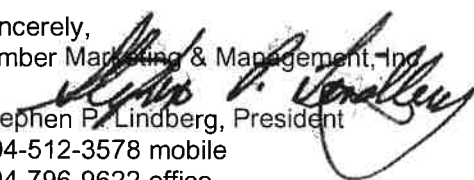
1. A period of time of 24 months will be allowed to cut and remove the timber.
2. Access to the tract is shown on the attached map through the adjacent tracts. Decking is also permissible on the adjacent property known as the Robinson Tract. Trailers can be forwarded along their access road.
3. Roads **must** be maintained during logging 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. Only the blue marked trees on the Gilman Tract and only red marked trees on the Upper Mattaponi Indian Tribe are to be cut from the 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 \$4,000.00 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. The landowner will accept the following deferred payment plan:
  - 33% due at closing, which shall take place within 30 days of bid acceptance.
  - 33% due 60 days from closing or when logging begins, whichever occurs first.
  - 33% due 120 days from closing or when logging begins, whichever occurs first.
9. Access for Viewing: You may drive directly to the edge of the Gilman Tract through the Upper Mattaponi Indian Tribe road, go through the gate to the edge of the field. The Robinson Tract has an arrow on the pine tree; park at the top of the hill at the sign and walk to the Gilman Tract.
10. Access through the **Upper Mattaponi Indian Tribe** is as follows: The main gravel road to the gate will be permitted to be used for ingress and egress to remove the timber. Prior to the gate it will be required to veer to the east (left) proceed through open field until the woods then you will have to construct a path through the woods to the Gilman's tract or veer back to the field until you get to the Gilman Tract. Where you go through the field it may be advisable to mark the location from the gate to the woods. Decking will be permitted only on the Gilman Tract. If you wish to access the timber through the Robinson Tract that fronts on Dun Luce Road you can deck on Robinson Tract however if necessary you will have to construct proper stream crossings to skid timber across to the Robinson Tract. If anyone has any questions, please do not hesitate to call.

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](http://www.tmmva.com) under the Timber Sale Notices section.

Sincerely,  
Timber Marketing & Management, Inc.

  
Stephen P. Lindberg, President  
804-512-3578 mobile  
804-796-9622 office

**Gilman - Walker 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: Tuesday, February 16, 2021  
 Owner's Name: Gilman  
 County/State: King William County, VA  
 Acreage: 68+/-  
 Cruise Type: Tree Count  
 Harvest Type: Clear Cut  
 Total BF/Acre: 17,941  
 Pine Vol/Tree: 195.5  
 Hardwood Vol/Tree: 346.1

**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

DBH	Wood Classification						# Trees	Volume
	Pine		Soft Hardwood		Hard Hardwood			
	# Trees	Volume	# Trees	Volume	# Trees	Volume	# Trees	Volume
6	20	1	740	29	360	14		
8	40	4	820	65	400	32		
10	20	3	480	64	260	35		
12	40	11	120	24	60	12		
14			40	11	20	5		
<b>Total</b>	<b>120</b>	<b>19</b>	<b>2,200</b>	<b>192</b>	<b>1,100</b>	<b>97</b>		

**Ash - Sawtimber**

International 1/4 Scale

DBH	Number of Logs					# Trees	Volume	% of Total
	1-Log	2-Log	3-Log	4-Log	5-Log			
12	5					5	0.3	3.0%
14	5	1				6	0.6	5.9%
16	5	1				6	0.8	8.0%
18	4	2				6	1.1	11.4%
20	1	5				6	1.8	18.6%
22	2	2				4	1.2	13.0%
24		1				1	0.5	5.0%
26		1				1	0.6	5.9%
28		1				1	0.7	7.0%
32		1	1			2	2.1	22.2%
<b>Total</b>	<b>22</b>	<b>15</b>	<b>1</b>			<b>38</b>	<b>9.4</b>	

**Beech - Sawtimber**

International 1/4 Scale

DBH	Number of Logs					# Trees	Volume	% of Total
	1-Log	2-Log	3-Log	4-Log	5-Log			
12	4					4	0.2	3.0%
14	14	1				15	1.3	17.7%
16	11					11	1.2	16.8%
18	16	1				17	2.6	34.7%
20	3					3	0.5	7.4%
22	1					1	0.2	3.0%
24	1					1	0.3	3.6%
26	1					1	0.3	4.3%
38	1					1	0.7	9.4%
<b>Total</b>	<b>52</b>	<b>2</b>				<b>54</b>	<b>7.3</b>	

**Black Walnut - Sawtimber**

International 1/4 Scale

DBH	Number of Logs					# Trees	Volume	% of Total
	1-Log	2-Log	3-Log	4-Log	5-Log			
14	3	1				4	0.4	18.3%
16	4	1				5	0.6	29.9%
18	2	1				3	0.5	25.1%
20	1					1	0.2	8.5%
22		1				1	0.4	18.2%
<b>Total</b>	<b>10</b>	<b>4</b>				<b>14</b>	<b>2.1</b>	

**Cedar - Sawtimber**

International 1/4 Scale

DBH	Number of Logs					# Trees	Volume	% of Total
	1-Log	2-Log	3-Log	4-Log	5-Log			
12	6					6	0.3	43.4%
14	3					3	0.2	32.1%
16		1				1	0.2	24.5%
<b>Total</b>	<b>9</b>	<b>1</b>				<b>10</b>	<b>0.8</b>	

**Elm - Sawtimber**

International 1/4 Scale

DBH	Number of Logs					# Trees	Volume	% of Total
	1-Log	2-Log	3-Log	4-Log	5-Log			
14	1					1	0.1	4.9%
18	1	2				3	0.6	37.8%
20		1				1	0.3	18.6%
28		1				1	0.7	38.7%
<b>Total</b>	<b>2</b>	<b>4</b>				<b>6</b>	<b>1.7</b>	

**Gilman - Walker Tract**

**Timber Marketing & Management, Inc.**

Cruise Date: Tuesday, February 16, 2021  
 Owner's Name: Gilman  
 County/State: King William County, VA

**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	92					92	5.2	4.8%
14	20	65	1			86	11.0	10.3%
16	2	44	38			84	18.3	17.2%
18	1	23	37			61	18.3	17.2%
20		6	38	1		45	18.6	17.5%
22		6	20	2		28	14.2	13.3%
24		1	12			13	8.2	7.7%
26		1	6			7	5.2	4.8%
28		1	2			3	2.5	2.3%
30			1			1	1.1	1.0%
32			1			1	1.2	1.1%
34			1			1	1.4	1.3%
36			1			1	1.6	1.5%
<b>Total</b>	<b>115</b>	<b>147</b>	<b>158</b>	<b>3</b>		<b>423</b>	<b>106.6</b>	

**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	44					44	2.5	7.7%
14	17	18				35	3.9	12.4%
16	11	19	11			41	7.7	24.0%
18	9	13	5			27	6.2	19.4%
20	1	5	5			11	3.9	12.2%
22	1	2	4			7	3.1	9.7%
24		1	4			5	3.0	9.5%
26		1				1	0.6	1.7%
30			1			1	1.1	3.3%
<b>Total</b>	<b>83</b>	<b>59</b>	<b>30</b>			<b>172</b>	<b>31.9</b>	

**Holly - 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%
<b>Total</b>	<b>1</b>					<b>1</b>	<b>0.1</b>	

**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	6	1				7	0.3	0.7%		
12	6	13	7			26	2.4	6.2%		
14	2	5	25	3		35	6.2	16.2%		
16		2	2	6		10	2.7	7.2%		
18		1	15	11		27	9.7	25.6%		
20	1		9	6		16	7.1	18.7%		
22			4	4		8	4.7	12.3%		
24		1	3	1		5	3.2	8.4%		
28			2			2	1.8	4.8%		
<b>Total</b>	<b>15</b>	<b>23</b>	<b>67</b>	<b>31</b>		<b>136</b>	<b>38.0</b>			

**Maple - 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	8.4%
14	1					1	0.1	1.8%
16	2					2	0.2	4.8%
18	3	4				7	1.4	30.6%
22		1				1	0.4	8.3%
24		1				1	0.5	10.1%
26		3				3	1.7	36.0%
<b>Total</b>	<b>13</b>	<b>9</b>				<b>22</b>	<b>4.7</b>	

**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	10					10	0.6	0.5%		
14	7	5				12	1.3	1.3%		
16	6	15	3			24	4.3	4.2%		
18	5	13	4			22	5.3	5.1%		
20	1	8	9			18	6.5	6.4%		
22	1	12	17			30	13.8	13.5%		
24	2	14	11			27	14.2	13.8%		
26		10	16			26	17.9	17.4%		
28		5	10			15	12.3	12.0%		
30	1	7	4			12	9.9	9.7%		
32		4	3			7	7.1	6.9%		
34		3				3	3.0	2.9%		
36			2			2	3.1	3.1%		
38		1				1	1.3	1.2%		
40	1	1				2	2.2	2.1%		
<b>Total</b>	<b>34</b>	<b>98</b>	<b>79</b>			<b>211</b>	<b>102.7</b>			

**Gilman - Walker Tract**

**Timber Marketing & Management, Inc.**

Cruise Date: Tuesday, February 16, 2021  
 Owner's Name: Gilman  
 County/State: King William County, VA

**Poplar - Sawtimber** International 1/4 Scale

DBH	Number of Logs					# Trees	Volume	% of Total
	1-Log	2-Log	3-Log	4-Log	5-Log			
12	100	1				101	5.7	1.0%
14	19	78	51			148	22.1	3.8%
16	16	42	123	5		186	42.8	7.4%
18	5	40	155	25		225	72.8	12.7%
20	5	10	149	30		194	83.0	14.4%
22		21	114	39		174	93.2	16.2%
24	2	11	98	22		133	85.8	14.9%
26		11	64	16		91	70.1	12.2%
28		2	30	16		48	46.0	8.0%
30		2	18	3		23	24.2	4.2%
32		1	8	2		11	13.5	2.4%
34			6	1		7	10.0	1.7%
36			1	1		2	3.5	0.6%
40				1		1	2.4	0.4%
<b>Total</b>	<b>147</b>	<b>219</b>	<b>817</b>	<b>161</b>		<b>1,344</b>	<b>575.1</b>	

**Red Oak - Sawtimber** International 1/4 Scale

DBH	Number of Logs					# Trees	Volume	% of Total
	1-Log	2-Log	3-Log	4-Log	5-Log			
12	79					79	4.4	2.0%
14	45	74	1			120	14.4	6.5%
16	24	57	11			92	16.3	7.4%
18	14	66	29			109	28.1	12.8%
20	3	52	41			96	34.4	15.6%
22	3	45	21			69	29.2	13.3%
24	1	35	22			58	30.8	14.0%
26	1	17	16			34	22.1	10.0%
28	1	15	10			26	19.2	8.7%
30		9	3			12	10.0	4.5%
32		3	2			5	5.0	2.3%
34		1	2			3	3.8	1.7%
36			1			1	1.6	0.7%
40	1					1	0.8	0.3%
<b>Total</b>	<b>172</b>	<b>374</b>	<b>159</b>			<b>705</b>	<b>220.0</b>	

**Sycamore - Sawtimber** International 1/4 Scale

DBH	Number of Logs					# Trees	Volume	% of Total
	1-Log	2-Log	3-Log	4-Log	5-Log			
12	1					1	0.1	0.3%
14	5	1				6	0.6	3.2%
16	4	2	3			9	1.6	9.2%
18	1	3	1			5	1.2	7.1%
20		3	4			7	2.7	15.3%
22	1	1	3			5	2.2	12.6%
24			6			6	3.9	22.3%
26		3	1			4	2.4	14.1%
28		1	1			2	1.6	9.0%
32			1			1	1.2	7.0%
<b>Total</b>	<b>12</b>	<b>14</b>	<b>20</b>			<b>46</b>	<b>17.4</b>	

**Virginia Pine - Sawtimber** International 1/4 Scale

DBH	Number of Logs					# Trees	Volume	% of Total
	1-Log	2-Log	3-Log	4-Log	5-Log			
10	9					9	0.3	1.8%
12	27	32	11			70	5.8	32.2%
14	6	20	13			39	5.7	32.0%
16	3	6	7			16	3.3	18.2%
18	1	5	3			9	2.4	13.3%
20			1			1	0.4	2.4%
<b>Total</b>	<b>46</b>	<b>63</b>	<b>35</b>			<b>144</b>	<b>17.9</b>	

**White Oak - Sawtimber** International 1/4 Scale

DBH	Number of Logs					# Trees	Volume	% of Total
	1-Log	2-Log	3-Log	4-Log	5-Log			
12	60					60	3.4	4.0%
14	24	20				44	4.8	5.7%
16	7	36	9			52	9.9	11.8%
18	4	44	8			56	14.2	16.8%
20	2	28	14			44	15.1	17.9%
22	1	30	3			34	13.4	15.9%
24	1	5	7			13	7.1	8.4%
26	1	5	5			11	6.9	8.2%
28		2	1			3	2.2	2.6%
30		4	2			6	5.1	6.1%
32		1				1	0.9	1.0%
38		1				1	1.3	1.5%
<b>Total</b>	<b>100</b>	<b>176</b>	<b>49</b>			<b>325</b>	<b>84.4</b>	

## Gilman - Walker Tract

### Timber Marketing & Management, Inc.

Cruise Date: Tuesday, February 16, 2021  
 Owner's Name: Gilman  
 County/State: King William County, VA

#### Sawtimber Volume by Timber Type

Timber Type	# Trees	Volume	Avg BF/Tree	% of Total
Hardwood	3,361	1,163.3	346.1	95.4%
Pine	290	56.7	195.5	4.6%
<b>Total</b>	<b>3,651</b>	<b>1,220.0</b>	<b>334.2</b>	

#### Sawtimber Volume by DBH

DBH	# Trees	Volume	Avg BF/Tree	% of Total
10	16	0.6	37.4	0.0%
12	506	31.1	61.5	2.6%
14	555	72.6	130.8	6.0%
16	539	109.9	203.9	9.0%
18	577	164.4	284.9	13.5%
20	443	174.5	394.0	14.3%
22	362	176.0	486.1	14.4%
24	263	157.4	598.6	12.9%
26	179	127.7	713.4	10.5%
28	101	86.8	859.8	7.1%
30	55	51.4	933.9	4.2%
32	28	31.1	1,109.6	2.5%
34	14	18.1	1,292.4	1.5%
36	6	9.8	1,629.5	0.8%
38	3	3.2	1,068.3	0.3%
40	4	5.4	1,343.8	0.4%
<b>Total</b>	<b>3,651</b>	<b>1,220.0</b>	<b>334.2</b>	

#### Sawtimber Volume by Species

Species	# Trees	Volume	Avg BF/Tree	% of Total
Ash	38	9.4	247.1	0.8%
Beech	54	7.3	136.1	0.6%
Black Walnut	14	2.1	152.3	0.2%
Cedar	10	0.8	77.5	0.1%
Elm	6	1.7	281.8	0.1%
Gum	423	106.6	251.9	8.7%
Hickory	172	31.9	185.6	2.6%
Holly	1	0.1	56.0	0.0%
Loblolly Pine	136	38.0	279.3	3.1%
Maple	22	4.7	211.5	0.4%
Northern Red Oak	211	102.7	486.9	8.4%
Poplar	1,344	575.1	427.9	47.1%
Red Oak	705	220.0	312.1	18.0%
Sycamore	46	17.4	377.2	1.4%
Virginia Pine	144	17.9	124.5	1.5%
White Oak	325	84.4	259.5	6.9%
<b>Total</b>	<b>3,651</b>	<b>1,220.0</b>	<b>334.2</b>	

#### Red Oak - Veneer

Doyle (Butt Log Scale)

DBH	Butt Log Length								# Logs	Volume	% of Total
	8'	10'	12'	14'	16'	18'	20'	22'			
28			1						1	246	100.0%
<b>Total</b>			<b>1</b>						<b>1</b>	<b>246</b>	

#### White Oak - Veneer

Doyle (Butt Log Scale)

DBH	Butt Log Length								# Logs	Volume	% of Total
	8'	10'	12'	14'	16'	18'	20'	22'			
22		1							1	122	15.2%
26			2						2	444	55.4%
30	1								1	236	29.4%
<b>Total</b>	<b>1</b>	<b>1</b>	<b>2</b>						<b>4</b>	<b>802</b>	

#### Veneer Tag List

Tag	Species	DBH	Butt Log Length
M1	White Oak	26	12'
M2	White Oak	26	12'
MS1	White Oak	30	8'
MS2	Red Oak	28	12'
S1	White Oak	22	10'

#### Veneer Volume by DBH

DBH	# Trees	Volume	Avg BF/Log	% of Total
22	1	122	122.0	11.6%
26	2	444	222.0	42.4%
28	1	246	246.0	23.5%
30	1	236	236.0	22.5%
<b>Total</b>	<b>5</b>	<b>1,048</b>	<b>209.6</b>	

#### Veneer Volume by Species

Species	# Trees	Volume	Avg BF/Log	% of Total
Red Oak	1	246	246.0	23.5%
White Oak	4	802	200.5	76.5%
<b>Total</b>	<b>5</b>	<b>1,048</b>	<b>209.6</b>	

## Upper Mattaponi Indian Tribe Blocks A & B (Combined)

### 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: 10.0%

Sawtimber Cruise: 100.0%

Cruise Date: Thursday, March 25, 2021  
 Owner's Name: Upper Mattaponi Indian Tribe  
 County/State: King William County, VA  
 Acreage: 7+/-  
 Cruise Type: Tree Count  
 Harvest Type: Clear Cut  
 Total BF/Acre: 8,130  
 Pine Vol/Tree: 128.2  
 Hardwood Vol/Tree: 205.7

#### 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

DBH	Wood Classification						# Trees	Volume	% of Total
	Pine	Soft	Hard	Hard	Cedar				
	# Trees	Volume	# Trees	Volume	# Trees	Volume	# Trees	Volume	
6	10	0	60	2	150	6			
8	50	5	70	6	60	5			
10	40	7	50	7	50	7			
12	10	3			10	2			
<b>Total</b>	<b>110</b>	<b>15</b>	<b>180</b>	<b>15</b>	<b>270</b>	<b>19</b>			

#### Beech - Sawtimber

International 1/4 Scale

DBH	Number of Logs					# Trees	Volume	% of Total
	1-Log	2-Log	3-Log	4-Log	5-Log			
12	1					1	0.1	16.3%
18	2					2	0.3	83.7%
<b>Total</b>	<b>3</b>					<b>3</b>	<b>0.3</b>	

#### Gum - Sawtimber

International 1/4 Scale

DBH	Number of Logs					# Trees	Volume	% of Total
	1-Log	2-Log	3-Log	4-Log	5-Log			
12	19					19	1.1	8.0%
14	4	19				23	3.0	22.7%
16	2	6	7			15	3.2	23.8%
18		2	2			4	1.2	8.8%
20		5	2			7	2.4	18.3%
22	1	3	2			6	2.4	18.4%
<b>Total</b>	<b>26</b>	<b>35</b>	<b>13</b>			<b>74</b>	<b>13.3</b>	

#### Hickory - Sawtimber

International 1/4 Scale

DBH	Number of Logs					# Trees	Volume	% of Total
	1-Log	2-Log	3-Log	4-Log	5-Log			
14		1				1	0.1	42.6%
16		1				1	0.2	57.4%
<b>Total</b>		<b>2</b>				<b>2</b>	<b>0.3</b>	

#### Loblolly Pine - Sawtimber

International 1/4 Scale

DBH	Number of Logs					# Trees	Volume	% of Total
	1-Log	2-Log	3-Log	4-Log	5-Log			
10	2					2	0.1	4.2%
12		2	1			3	0.3	17.8%
14			4			4	0.7	43.5%
16			1			1	0.3	15.0%
18			1			1	0.3	19.6%
<b>Total</b>	<b>2</b>	<b>2</b>	<b>7</b>			<b>11</b>	<b>1.7</b>	

#### Maple - Sawtimber

International 1/4 Scale

DBH	Number of Logs					# Trees	Volume	% of Total
	1-Log	2-Log	3-Log	4-Log	5-Log			
18		1				1	0.2	100.0%
<b>Total</b>		<b>1</b>				<b>1</b>	<b>0.2</b>	

#### Poplar - Sawtimber

International 1/4 Scale

DBH	Number of Logs					# Trees	Volume	% of Total
	1-Log	2-Log	3-Log	4-Log	5-Log			
12	9					9	0.5	3.1%
14		10	4			14	2.2	13.1%
16		4	4			8	1.8	10.8%
18		2	4			6	1.8	11.2%
20		2	3			5	1.9	11.6%
22	1	4	3			8	3.4	20.4%
24		1	1			2	1.1	6.8%
26			2			2	1.5	9.3%
28			1			1	0.9	5.5%
32	1	1				2	1.4	8.2%
<b>Total</b>	<b>11</b>	<b>24</b>	<b>22</b>			<b>57</b>	<b>16.5</b>	

## Upper Mattaponi Indian Tribe Blocks A & B (Combined)

### Timber Marketing & Management, Inc.

Cruise Date: Thursday, March 25, 2021  
 Owner's Name: Upper Mattaponi Indian Tribe  
 County/State: King William County, VA

#### 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	17					17	1.0	11.8%	
14	6	3				9	0.9	11.4%	
16	4	5	2			11	1.9	23.6%	
18	1		1			2	0.5	5.9%	
20	1	2				3	0.8	10.0%	
22		3				3	1.2	14.4%	
24			1			1	0.6	8.0%	
26		1				1	0.6	6.9%	
28		1				1	0.7	8.1%	
<b>Total</b>	<b>29</b>	<b>15</b>	<b>4</b>			<b>48</b>	<b>8.1</b>		

#### River Birch - 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	0.2	100.0%	
<b>Total</b>		<b>1</b>				<b>1</b>	<b>0.2</b>		

#### 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	16					16	0.6	3.8%	
12	6	38	9			53	4.9	32.6%	
14	5	15	9			29	4.2	27.9%	
16	2	9	5			16	3.2	21.3%	
18		1	1			2	0.6	3.9%	
20		1	3			4	1.6	10.6%	
<b>Total</b>	<b>29</b>	<b>64</b>	<b>27</b>			<b>120</b>	<b>15.1</b>		

#### 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	4					4	0.2	18.6%	
14	2					2	0.2	13.8%	
16	1					1	0.1	9.3%	
20		1				1	0.3	26.1%	
22		1				1	0.4	32.2%	
<b>Total</b>	<b>7</b>	<b>2</b>				<b>9</b>	<b>1.2</b>		

#### Sawtimber Volume by Timber Type

Timber Type	# Trees	Volume	Avg BF/Tree	% of Total
Hardwood	195	40.1	205.7	70.5%
Pine	131	16.8	128.2	29.5%
<b>Total</b>	<b>326</b>	<b>56.9</b>	<b>174.6</b>	

#### Sawtimber Volume by DBH

DBH	# Trees	Volume	Avg BF/Tree	% of Total
10	18	0.6	36.0	1.1%
12	106	8.0	75.6	14.1%
14	82	11.3	138.3	19.9%
16	54	10.8	200.2	19.0%
18	18	4.9	274.7	8.7%
20	20	7.1	352.6	12.4%
22	18	7.3	407.7	12.9%
24	3	1.8	585.7	3.1%
26	3	2.1	697.3	3.7%
28	2	1.6	779.0	2.7%
32	2	1.4	677.5	2.4%
<b>Total</b>	<b>326</b>	<b>56.9</b>	<b>174.6</b>	

#### Sawtimber Volume by Species

Species	# Trees	Volume	Avg BF/Tree	% of Total
Beech	3	0.3	114.7	0.6%
Gum	74	13.3	179.2	23.3%
Hickory	2	0.3	165.5	0.6%
Loblolly Pine	11	1.7	155.6	3.0%
Maple	1	0.2	248.0	0.4%
Poplar	57	16.5	288.6	28.9%
Red Oak	48	8.1	168.5	14.2%
River Birch	1	0.2	190.0	0.3%
Virginia Pine	120	15.1	125.7	26.5%
White Oak	9	1.2	133.7	2.1%
<b>Total</b>	<b>326</b>	<b>56.9</b>	<b>174.6</b>	



**GILMAN FAMILY PROPERTY &  
UPPER MATTAPONI INDIAN TRIBE  
King William County, VA**



Declination  
MN  
MN 10.47° W

Acquinton District



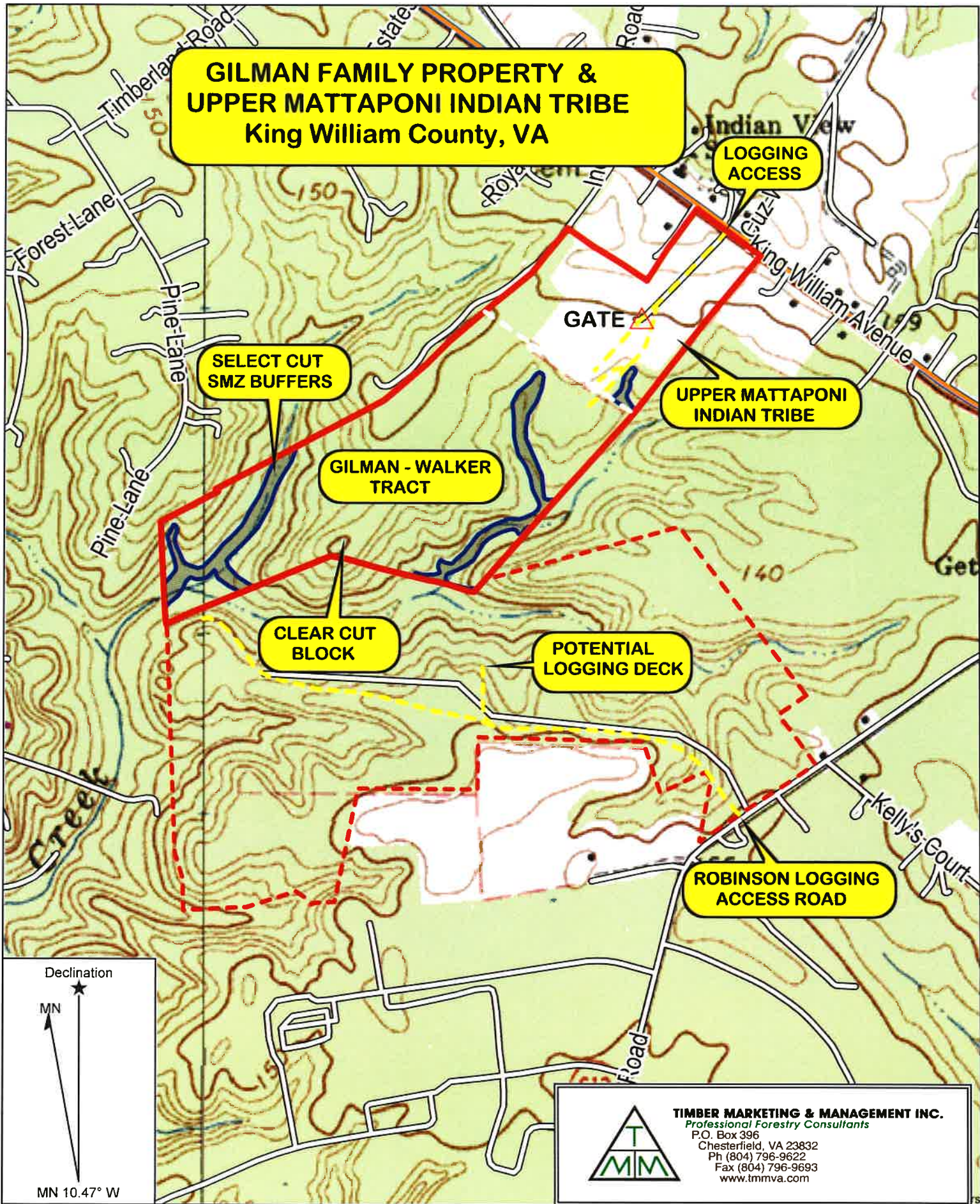
**TIMBER MARKETING & MANAGEMENT INC.**  
*Professional Forestry Consultants*  
P.O. Box 396  
Chesterfield, VA 23832  
Ph (804) 796-9622  
Fax (804) 796-9693  
www.tmmva.com

Name: Gilman Family Property & Upper Mattaponi Indian Tribe  
Date: 03/26/21  
Scale: 1 inch = 800 ft.

Location: King William County, VA



**GILMAN FAMILY PROPERTY &  
UPPER MATTAPONI INDIAN TRIBE**  
King William County, VA



Declination

MN

MN 10.47° W



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