



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:	February 14, 2019
Time:	1:00 p.m.
Day:	Thursday
Total Vol./Acre:	13,401 B. F.
Pine Vol/Tree:	124 B. F.
Hdwd. Vol/Tree:	282 B. F.

**CLEAR- CUT SALE
 EXCELLENT ACCESS
 EXCELLENT QUALITY HARDWOOD**

Having been employed by JCM III LLC we solicit bids on all merchantable timber on **112 +/- acres** in **Cumberland County Virginia** and as shown on the attached map.

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

<u>Pulpwood</u>	<u>Cords</u>	<u>Tons</u>
Pine	17	44
Soft Hardwood	338	879
Hard Hardwood	335	871
Topwood Estimate	<u>1,480</u>	<u>3,850</u>
Total:	2,170	5,644

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

<u>Sawtimber</u>			
Poplar	550,900	Virginia Pine	15,800
White Oak	324,600	Loblolly Pine	13,200
Red Oak	203,600	Ash	8,500
Hickory	132,200	Walnut	3,100
Gum	122,500	Beech	2,800
Northern Red Oak	85,100	Elm	1,900
Maple	20,800	Cedar	900
Sycamore	14,300	Black Cherry	100
		River Birch	<u>500</u>
		Total:	1,500,800 BF Int 1/4" 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.

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:

Red	436 BF Doyle Scale
White Oak	6,557 BF Doyle Scale

CONDITIONS

1. A period of time of **24 months** will be allowed to cut and remove the timber.
2. 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.
3. No tops or laps will be allowed to remain in the streams, fields, buffers or over cutting boundaries. They must be pulled back immediately.
4. Only the blue marked trees are to be cut from Streamside Management Zones.
5. 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.
6. A \$3,000.00 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.
7. Landowner will accept a deferred payment plan as follows: 1/3 due at closing within 30 days of bid acceptance, 1/3 due 30 days after closing, and 1/3 due 60 days after closing.
8. Timber inventories for individual blocks are available upon request.

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.

There will not be any scheduled show trip of the tract; however, you may call and set an appointment or you may inspect the property at your own leisure.

Sincerely,
Timber Marketing & Management, Inc.



Andrew J. Lindberg, Area Manager
804-796-9622 office
804-338-8436 mobile

JCM III LLC - Sports Lake 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, January 15, 2019
 Owner's Name: JCM III LLC
 County/State: Cumberland County, VA
 Acreage: 112+/-
 Cruise Type: Tree Count
 Harvest Type: Clear Cut
 Total BF/Acre: 13,401
 Pine Vol/Tree: 124.3
 Hardwood Vol/Tree: 282.1

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

Wood Classification

DBH	Pine		Soft Hardwood		Hard Hardwood		Cedar	
	# Trees	Volume	# Trees	Volume	# Trees	Volume	# Trees	Volume
6	20	1	1,280	50	920	36		
8	60	6	1,240	98	800	63		
10	60	10	600	80	760	101		
12			420	83	520	103		
14			100	27	120	32		
Total	140	17	3,640	338	3,120	335		

Ash - Sawtimber

International 1/4 Scale

Number of Logs

DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
12	8					8	0.4	5.3%
14	9	3				12	1.2	13.8%
16	5	6				11	1.7	20.0%
18	6	4	4			14	3.2	37.7%
20	3	3				6	1.5	17.5%
22	1					1	0.2	2.6%
24	1					1	0.3	3.1%
Total	33	16	4			53	8.5	

Beech - Sawtimber

International 1/4 Scale

Number of Logs

DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
12	2					2	0.1	4.0%
14	6					6	0.5	17.7%
16	4					4	0.4	15.9%
18	5					5	0.7	25.6%
20	1					1	0.2	6.4%
22		1				1	0.4	13.7%
24		1				1	0.5	16.7%
Total	18	2				20	2.8	

Black Cherry - 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	100.0%
Total	1					1	0.1	

Cedar - 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	24.8%
14	2					2	0.2	18.4%
16	2					2	0.2	24.8%
18	2					2	0.3	31.9%
Total	10					10	0.9	

Elm - Sawtimber

International 1/4 Scale

Number of Logs

DBH	1-Log	2-Log	3-Log	4-Log	5-Log	# Trees	Volume	% of Total
12	2					2	0.1	5.9%
14	10					10	0.8	43.4%
16	5					5	0.6	29.3%
18	1					1	0.1	7.5%
24	1					1	0.3	13.9%
Total	19					19	1.9	

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	95					95	5.3	4.3%
14	58	84	3			145	17.2	14.1%
16	15	56	52			123	25.6	20.9%
18	5	21	42	2		70	20.8	17.0%
20		14	21	2		37	14.4	11.7%
22	1	5	19	5		30	15.4	12.6%
24	1	4	14	2		21	12.7	10.4%
26		1	8	1		10	7.6	6.2%
28	1		1			2	1.3	1.0%
30			2			2	2.1	1.7%
Total	176	185	162	12		535	122.5	

JCM III LLC - Sports Lake Tract

Timber Marketing & Management, Inc.

Cruise Date: Tuesday, January 15, 2019
 Owner's Name: JCM III LLC
 County/State: Cumberland County, VA

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	161					161	9.0	6.8%
14	79	109				188	21.9	16.6%
16	45	83	22			150	26.4	20.0%
18	11	71	39	1		122	32.7	24.7%
20	5	25	26	2		58	20.9	15.8%
22		13	16			29	13.5	10.2%
24		3	4	1		8	4.8	3.6%
26		2				2	1.1	0.8%
30			1			1	1.1	0.8%
32		1				1	0.9	0.7%
Total	301	307	108	4		720	132.2	

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	0.8%
14	11	11				22	2.5	2.9%
16	15	31	3			49	8.3	9.8%
18	14	20	4			38	8.3	9.8%
20	3	20	7			30	9.8	11.5%
22	2	21	10			33	13.8	16.3%
24	1	12	15			28	15.6	18.3%
26	1	8	5			14	8.6	10.1%
28		5	3			8	6.0	7.0%
30		6	4			10	8.7	10.3%
32			1			1	1.2	1.4%
36			1			1	1.6	1.8%
Total	59	134	53			246	85.1	

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	11	1				12	0.5	3.4%
12	6	13	3			22	1.9	14.3%
14	1	4	15			20	3.4	26.0%
16	1	2	14			17	4.1	30.8%
18			3	1		4	1.4	10.7%
20			1			1	0.4	3.2%
22			2			2	1.1	8.0%
24		1				1	0.5	3.5%
Total	19	21	38	1		79	13.2	

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	213					213	11.9	2.2%
14	78	159	27			264	33.9	6.2%
16	20	110	154	7		291	64.7	11.7%
18	7	64	158	27		256	80.8	14.7%
20	3	42	120	38	1	204	85.0	15.4%
22	2	23	93	30	3	151	79.8	14.5%
24	1	14	65	24	1	105	68.1	12.4%
26		5	32	15	1	53	42.4	7.7%
28		6	36	13	1	56	52.0	9.4%
30		2	13	1		16	16.4	3.0%
32			5	2		7	9.0	1.6%
34				1		1	1.7	0.3%
36			2	1		3	5.1	0.9%
Total	324	425	705	159	7	1,620	550.9	

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	23					23	1.3	6.2%
14	25	1				26	2.2	10.6%
16	21	11				32	4.4	21.3%
18	8	6	1			15	3.0	14.3%
20	3	8				11	3.1	14.7%
22		5				5	1.9	9.3%
24	1	5				6	2.6	12.5%
26	1	1				2	0.9	4.2%
28		1				1	0.7	3.1%
30		1				1	0.8	3.6%
Total	82	39	1			122	20.8	

JCM III LLC - Sports Lake Tract

Timber Marketing & Management, Inc.

Cruise Date: Tuesday, January 15, 2019
 Owner's Name: JCM III LLC
 County/State: Cubmerland 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	44					44	2.5	1.2%	
14	37	28				65	7.0	3.4%	
16	32	42	3			77	12.3	6.1%	
18	11	49	14			74	18.4	9.1%	
20	7	41	24			72	24.4	12.0%	
22	5	35	22	2		64	27.5	13.5%	
24	1	30	28	1		60	33.1	16.3%	
26	1	18	25			44	29.5	14.5%	
28		10	10	1		21	16.7	8.2%	
30	1	4	9	1		15	14.2	7.0%	
32			8			8	9.7	4.8%	
34			2			2	2.8	1.4%	
36	1					1	0.6	0.3%	
40			1		1	2	4.8	2.4%	
Total	140	257	146	5	1	549	203.6		

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	18					18	0.6	4.1%	
12	35	14	3			52	3.6	22.8%	
14	24	26	2			52	6.0	38.1%	
16	10	8	6			24	4.2	26.4%	
18	2	1	1			4	0.9	5.5%	
20	1	1				2	0.5	3.1%	
Total	90	50	12			152	15.8		

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	6					6	0.3	10.9%	
16	3	2				5	0.7	23.2%	
18		2	1			3	0.8	27.0%	
20	1	2				3	0.8	26.3%	
22		1				1	0.4	12.6%	
Total	10	7	1			18	3.1		

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	
24		1				1	0.5	100.0%	
Total	1	1				1	0.5		

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	
12	152					152	8.5	2.6%	
14	101	121				222	25.4	7.8%	
16	68	167	22			257	45.0	13.9%	
18	31	131	47	2		211	53.5	16.5%	
20	14	108	63	1		186	63.9	19.7%	
22	6	84	33	1		124	51.9	16.0%	
24	3	43	21	2		69	36.0	11.1%	
26	1	19	11	1		32	20.3	6.2%	
28	1	5	3	1		10	7.4	2.3%	
30	1	6	1			8	6.0	1.9%	
32	1	3	1			5	4.3	1.3%	
34		1				1	1.0	0.3%	
38		1				1	1.3	0.4%	
Total	379	689	202	8		1,278	324.6		

Sycamore - 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	0.4%	
14	3	1				4	0.4	2.7%	
16	3					3	0.3	2.4%	
18	2					2	0.3	2.0%	
20	2	2	1	1		6	1.9	13.5%	
22		2	4			6	2.9	20.2%	
24		1	1			2	1.1	7.8%	
26			6			6	4.6	32.2%	
28		1	1			2	1.6	10.9%	
36		1				1	1.1	7.9%	
Total	11	8	13	1		33	14.3		

JCM III LLC - Sports Lake Tract

Timber Marketing & Management, Inc.

Cruise Date: Tuesday, January 15, 2019
 Owner's Name: JCM III LLC
 County/State: Cubmerland County, VA

Sawtimber Volume by Timber Type

Timber Type	# Trees	Volume	Avg BF/Tree	% of Total
Hardwood	5,215	1,470.9	282.1	98.0%
Pine	241	30.0	124.3	2.0%
Total	5,456	1,500.9	275.1	

Sawtimber Volume by DBH

DBH	# Trees	Volume	Avg BF/Tree	% of Total
10	30	1.1	36.8	0.1%
12	797	46.0	57.7	3.1%
14	1,039	122.8	118.2	8.2%
16	1,050	199.1	189.6	13.3%
18	821	225.4	274.5	15.0%
20	617	226.7	367.4	15.1%
22	447	208.8	467.1	13.9%
24	304	176.0	578.9	11.7%
26	163	115.0	705.7	7.7%
28	100	85.6	855.9	5.7%
30	53	49.3	930.1	3.3%
32	22	25.1	1,141.8	1.7%
34	4	5.4	1,361.5	0.4%
36	6	8.4	1,396.0	0.6%
38	1	1.3	1,256.0	0.1%
40	2	4.8	2,418.5	0.3%
Total	5,456	1,500.9	275.1	

Sawtimber Volume by Species

Species	# Trees	Volume	Avg BF/Tree	% of Total
Ash	53	8.5	160.2	0.6%
Beech	20	2.8	140.8	0.2%
Black Cherry	1	0.1	83.0	0.0%
Cedar	10	0.9	90.2	0.1%
Elm	19	1.9	100.6	0.1%
Gum	535	122.5	228.9	8.2%
Hickory	720	132.2	183.7	8.8%
Loblolly Pine	79	13.2	167.4	0.9%
Maple	122	20.8	170.6	1.4%
Northern Red Oak	246	85.1	346.1	5.7%
Poplar	1,620	550.9	340.1	36.7%
Red Oak	549	203.6	370.9	13.6%
River Birch	1	0.5	469.0	0.0%
Sycamore	33	14.3	432.7	1.0%
Virginia Pine	152	15.8	104.1	1.1%
Walnut	18	3.1	171.1	0.2%
White Oak	1,278	324.6	254.0	21.6%
Total	5,456	1,500.9	275.1	

Red Oak - Veneer

Doyle (Butt Log Scale)

DBH	Butt Log Length								# Logs	Volume	% of Total
	8'	10'	12'	14'	16'	18'	20'	22'			
20			1		1				2	251	57.6%
22					1				1	185	42.4%
Total			1		2				3	436	

White Oak - Veneer

Doyle (Butt Log Scale)

DBH	Butt Log Length								# Logs	Volume	% of Total
	8'	10'	12'	14'	16'	18'	20'	22'			
18	2		1		1				4	281	4.3%
20	1	2	4		2				9	996	15.2%
22	1	2	4		3	1			11	1,622	24.7%
24	1	1	2		1		1		6	1,147	17.5%
26			4		2	1			7	1,761	26.9%
30					1				1	400	6.1%
32			1						1	350	5.3%
Total	5	5	16		10	2	1		39	6,557	

Veneer Tag List

Tag	Species	DBH	Butt Log Length
A1	White Oak	20	12'
A1	White Oak	18	16'
A1	Red Oak	22	16'
A1	White Oak	20	16'
A2	White Oak	20	12'
A2	White Oak	20	12'
A3	White Oak	18	8'
A4	White Oak	20	12'
A5	White Oak	18	8'
A6	White Oak	22	8'
A7	White Oak	18	12'
A8	Red Oak	20	12'
A9	Red Oak	20	16'
G1	White Oak	26	18'
G1	White Oak	26	12'
G2	White Oak	24	8'
G2	White Oak	20	10'
G3	White Oak	26	16'
G3	White Oak	22	12'
G4	White Oak	22	10'
G4	White Oak	24	10'
G5	White Oak	32	12'
G5	White Oak	22	10'
G6	White Oak	20	8'
M1	White Oak	24	12'
M1	White Oak	30	16'
M1	White Oak	22	12'
M2	White Oak	22	12'
M2	White Oak	26	16'

JCM III LLC - Sports Lake Tract

Timber Marketing & Management, Inc.Cruise Date: Tuesday, January 15, 2019
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County/State: Cumberland County, VA

M3	White Oak	26	12'
M3	White Oak	22	16'
M4	White Oak	20	16'
M4	White Oak	22	16'
M5	White Oak	26	12'
M5	White Oak	24	20'
M6	White Oak	22	12'
M7	White Oak	20	10'
S1	White Oak	22	18'
S1	White Oak	24	16'
S2	White Oak	24	12'
S2	White Oak	26	12'
S3	White Oak	22	16'

Veneer Volume by DBH

DBH	# Trees	Volume	Avg BF/Log	% of Total
18	4	281	70.3	4.0%
20	11	1,247	113.4	17.8%
22	12	1,807	150.6	25.8%
24	6	1,147	191.2	16.4%
26	7	1,761	251.6	25.2%
30	1	400	400.0	5.7%
32	1	350	350.0	5.0%
Total	42	6,993	166.5	

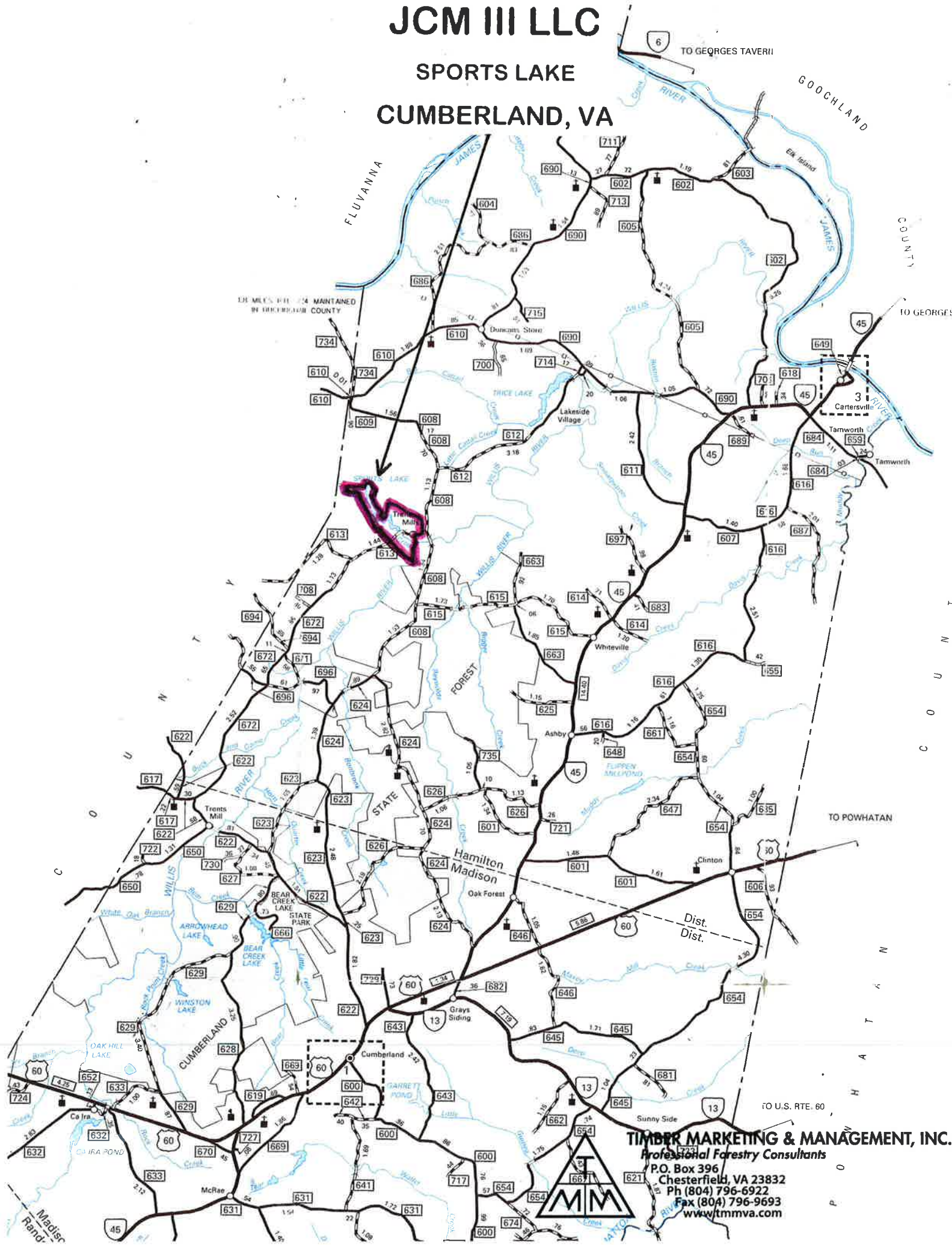
Veneer Volume by Species

Species	# Trees	Volume	Avg BF/Log	% of Total
Red Oak	3	436	145.3	6.2%
White Oak	39	6,557	168.1	93.8%
Total	42	6,993	166.5	

JCM III LLC

SPORTS LAKE

CUMBERLAND, VA



TIMBER MARKETING & MANAGEMENT, INC.
Professional Forestry Consultants
P.O. Box 396
Chesterfield, VA 23832
Ph (804) 796-6922
Fax (804) 796-9693
www.tmmva.com