



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7547**

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on January 14, 2025.**

LOCATION: **ROSCOMMON MGMT UNIT, PO BOX 218, ROSCOMMON, MI 48653.**

CONTACT NAME: Jason Lewicki

PHONE NUMBER: (989) 745-5870

PROSPECTUS NOTE: The bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs and contract terms of proposed sales. Please be aware that some landowners may request 60 days or more notice for access across their land.

Notice is hereby given that bids will be received by the Unit Manager, ROSCOMMON MANAGEMENT UNIT, for certain timber on the following described lands:

WOC Aspen (71-010-24) / T24N, R02E, SEC. 14, NE.

T24N, R02E, SEC. 23, SW.

T24N, R02E, SEC. 26, NWNW.

Ogemaw County, Advertised Price \$182,928.60, 114.9 Acres, Aspen, Hardwood.

TIMBER SALE INFORMATION

WOC Aspen (71-010-24)

T24N, R02E, SEC. 14; T24N, R02E, SEC. 23; T24N, R02E, SEC. 26.
Ogemaw County (Advertised Price \$182,928.60)

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
B. T. Aspen	159.6 MBF	\$ 87.00 / MBF
Black Cherry	14.0 MBF	\$ 165.00 / MBF
Quaking Aspen	243.5 MBF	\$ 87.00 / MBF
Red Maple	15.2 MBF	\$ 79.00 / MBF
Red Oak	25.3 MBF	\$ 141.00 / MBF
Red Pine	10.8 MBF	\$ 125.00 / MBF
Pulpwood		
Jack Pine	7 Cords	\$ 11.30 / Cord
Mixed Aspen	3,249 Cords	\$ 38.50 / Cord
Mixed Hardwood	491 Cords	\$ 26.05 / Cord
Mixed Oak	37 Cords	\$ 25.05 / Cord
Red Pine	7 Cords	\$ 50.15 / Cord
White Pine	5 Cords	\$ 39.35 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 17.34 percent. There are an estimated 4,894 cords on this timber sale, plus or minus 849 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$9,146.43 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	30.4%
02	26.7%
03	11.2%
04	16.6%
05	15.1%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2027.

SALE STATISTICS

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
386,620	4,894	17.34%	4,045	5,743

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
56	223,648	2,831	23.75%	2,159	3,503
86	162,972	2,063	25.61%	1,535	2,591
TOTAL:	386,620	4,894		3,693	6,094

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
56	74.1	1	39.5
56	74.1	2	34.6
86	40.8	3	10.6
86	40.8	4	15.8
86	40.8	5	14.4
TOTAL:	270.6		114.9

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	B. T. Aspen	Sawtimber	55.3	MBF	39.5	\$55,694.85	
	Black Cherry		3.7	MBF			
	<i>Black Cherry</i>		2.4	MBF			
	<i>Pin Cherry</i>		1.3	MBF			
	Quaking Aspen		59.9	MBF			
	Red Maple		3.0	MBF			
	Red Pine		2.8	MBF			
	Mixed Aspen		Pulpwood	1,022			Cords
	<i>B. T. Aspen</i>			596			Cords
	<i>Quaking Aspen</i>			426			Cords
	Mixed Hardwood			193			Cords
	<i>Black Cherry</i>			44			Cords
	<i>Pin Cherry</i>			13			Cords
	<i>Red Maple</i>			133			Cords
	<i>cherry (Juneberry)</i>			3			Cords
	Red Pine			2			Cords
	2			B. T. Aspen			Sawtimber
Black Cherry		3.2	MBF				
<i>Black Cherry</i>		2.1	MBF				
<i>Pin Cherry</i>		1.1	MBF				
Quaking Aspen		52.4	MBF				
Red Maple		2.7	MBF				
Red Pine		2.3	MBF				
Mixed Aspen		Pulpwood	896	Cords			
<i>B. T. Aspen</i>			523	Cords			
<i>Quaking Aspen</i>			373	Cords			
Mixed Hardwood			168	Cords			
<i>Black Cherry</i>			38	Cords			
<i>Pin Cherry</i>			12	Cords			
<i>Red Maple</i>			116	Cords			
<i>cherry (Juneberry)</i>			2	Cords			
Red Pine			2	Cords			
3			B. T. Aspen	Sawtimber	14.5	MBF	
	Black Cherry	1.9	MBF				
	<i>Black Cherry</i>	0.7	MBF				
	<i>Pin Cherry</i>	1.2	MBF				
	Quaking Aspen	34.1	MBF				
	Red Maple	2.5	MBF				
	Red Oak	6.6	MBF				
	Red Pine	1.5	MBF				
	Jack Pine	Pulpwood	2		Cords		
	Mixed Aspen		346		Cords		
	<i>B. T. Aspen</i>		161		Cords		
	<i>Quaking Aspen</i>		185		Cords		
	Mixed Hardwood		34		Cords		
	<i>Black Cherry</i>		1		Cords		
	<i>Pin Cherry</i>		11		Cords		
	<i>Red Maple</i>		22		Cords		
	Mixed Oak		9		Cords		
	<i>Red (Hybrid) Oak</i>		3		Cords		
	<i>Red Oak</i>	6	Cords				
Red Pine	1	Cords					
White Pine	1	Cords					
4	B. T. Aspen	Sawtimber	21.6	MBF	15.8	\$30,380.05	
	Black Cherry		2.7	MBF			

DESCRIPTION OF TIMBER BY PU (PU), CON'T

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
4 con't	<i>Black Cherry</i>	<i>Sawtimber</i>	1.0	<i>MBF</i>			
	<i>Pin Cherry</i>		1.7	<i>MBF</i>			
	Quaking Aspen		50.8	MBF			
	Red Maple		3.6	MBF			
	Red Oak		9.8	MBF			
	Red Pine		2.2	MBF			
	Jack Pine		<i>Pulpwood</i>	3			Cords
	Mixed Aspen			515			Cords
	<i>B. T. Aspen</i>			239			<i>Cords</i>
	<i>Quaking Aspen</i>			276			<i>Cords</i>
	Mixed Hardwood			51			Cords
	<i>Black Cherry</i>			2			<i>Cords</i>
	<i>Pin Cherry</i>			17			<i>Cords</i>
	<i>Red Maple</i>			32			<i>Cords</i>
	Mixed Oak			15			Cords
	<i>/Red (Hybrid) Oak</i>			5			<i>Cords</i>
	<i>Red Oak</i>			10			<i>Cords</i>
	Red Pine			1			Cords
	White Pine			2			Cords
	5		B. T. Aspen	<i>Sawtimber</i>			19.7
Black Cherry		2.5	MBF				
<i>Black Cherry</i>		0.9	<i>MBF</i>				
<i>Pin Cherry</i>		1.6	<i>MBF</i>				
Quaking Aspen		46.3	MBF				
Red Maple		3.4	MBF				
Red Oak		8.9	MBF				
Red Pine		2.0	MBF				
Jack Pine		<i>Pulpwood</i>	2		Cords		
Mixed Aspen			470		Cords		
<i>B. T. Aspen</i>			218		<i>Cords</i>		
<i>Quaking Aspen</i>			252		<i>Cords</i>		
Mixed Hardwood			45		Cords		
<i>Black Cherry</i>			1		<i>Cords</i>		
<i>Pin Cherry</i>			15		<i>Cords</i>		
<i>Red Maple</i>			29		<i>Cords</i>		
Mixed Oak			13		Cords		
<i>/Red (Hybrid) Oak</i>			4		<i>Cords</i>		
<i>Red Oak</i>			9		<i>Cords</i>		
Red Pine			1		Cords		
White Pine	2		Cords				
TOTAL:			468.4	MBF			
TOTAL:			3,796	Cords			

Sale Specific Conditions & Requirements

Sale Name: WOC Aspen

Sale Number: 71-010-24 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted Boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut Unit(s) with Unmerchantable Trees (6/14)

Within Payment Unit(s) 1-5, cut all trees that are two (2) inches or more at DBH, , except do not cut any oak in Payment Units 1 and 2.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, should chipping occur in any Payment Unit, it must be done before sprouting of new regeneration. If more than 33% of the newly sprouted tree seedlings within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$500 per acre for all acreage within that specified portion of the Sale Area that was damaged.

No damage is acceptable to undesignated live merchantable trees. Within Payment Units 1 and 2, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.6 - Road construction (4/24)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back

from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. These roads must be rendered impassable to cars and trucks. Contact the Sale Administrator for specific details of design and placement.

4.2 - Maintenance

4.2.3 - Road maintenance (8/13)

The following road maintenance is required: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the road must be maintained and graded. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 2 days in advance to schedule the conference.

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 1 day prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 24 inches in height. If not chipped, slash shall not be left in windrows, but shall be spread evenly throughout the harvested area.

5.2.3 - Operating Restrictions

5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within Payment Units 1 and 2, cutting, skidding, and hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit 3-5, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in any Payment Unit must be completed before significant aspen sprouting occurs in that Payment Unit so as to minimize damage to the new regeneration. Any post harvest operations, such as chipping, must be completed before sprouting of regeneration occurs. Should damages occur to the new regeneration, the damages will be assessed per Specification 3.4.1 - Damaged Timber. If it is anticipated that chipping will be delayed, then tops shall be carried to

one central location, preferably the landing. A third-party entity may be brought in to chip the tops/slash, before new sprouting occurs, should the contract holder fail to present in a timely manner arrangements approved by the Unit Manager for protecting the new regeneration. The Unit Manager or his/her representative may also cease such operations if sprouting occurs before the operation is complete and the Payment Unit(s) will be counted as incomplete with liquidated damages assessed accordingly.

5.2.4 - Dead and Down Creation

5.2.4.2 - Dead and down creation, hare and grouse (1/14)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave two 9 inch diameter or larger log size pieces on the ground for every four acres. They should be scattered throughout the sale or positioned per the Sale Administrator's instructions. If possible, the logs or trees should be felled so they overlap. Note these pieces should have a minimum length of five feet. They can be of any tree species and can be an un-merchantable piece of wood or a full tree.

5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.2.43 - Opening protection (2/21)

No activities are permitted in openings marked on the Timber Sale Map with the letter "G". Any damage to the openings shall be repaired according to specifications of the Unit Manager or his/her representative.

5.4 - Soil Protection

5.4.3 - Erosion control (12/08)

Skid trails or haul roads may require erosion control structures or berms per direction of the Unit Manager or his/her representative.



TIMBER SALE MAP

This information provided by authority of Part 525, 1994 PA 451, as amended.

Sale Number	Date	
71-010-24	09/09/2024	
Scale	Page	Of
1:10,000	2	2

Forest Management Unit	County	Mapped By: Martell
Roscommon Mgt Unit	Ogemaw	Cruised By: Sanborn

Township	Range	Section(s) and Subdivision(s)
24N	02E	Sec. 14 NE; Sec. 23 SW; Sec. 26 NWNW;

Cover Type			
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, Birch	S = Black Spruce	X = Non Stocked
F = Spruce/Fir	MC = Mixed Conifer	T = Tamarack	Y = Sand
G = Grass	MD = Mixed Deciduous		Z = Water
H = Hemlock	N = Marsh		

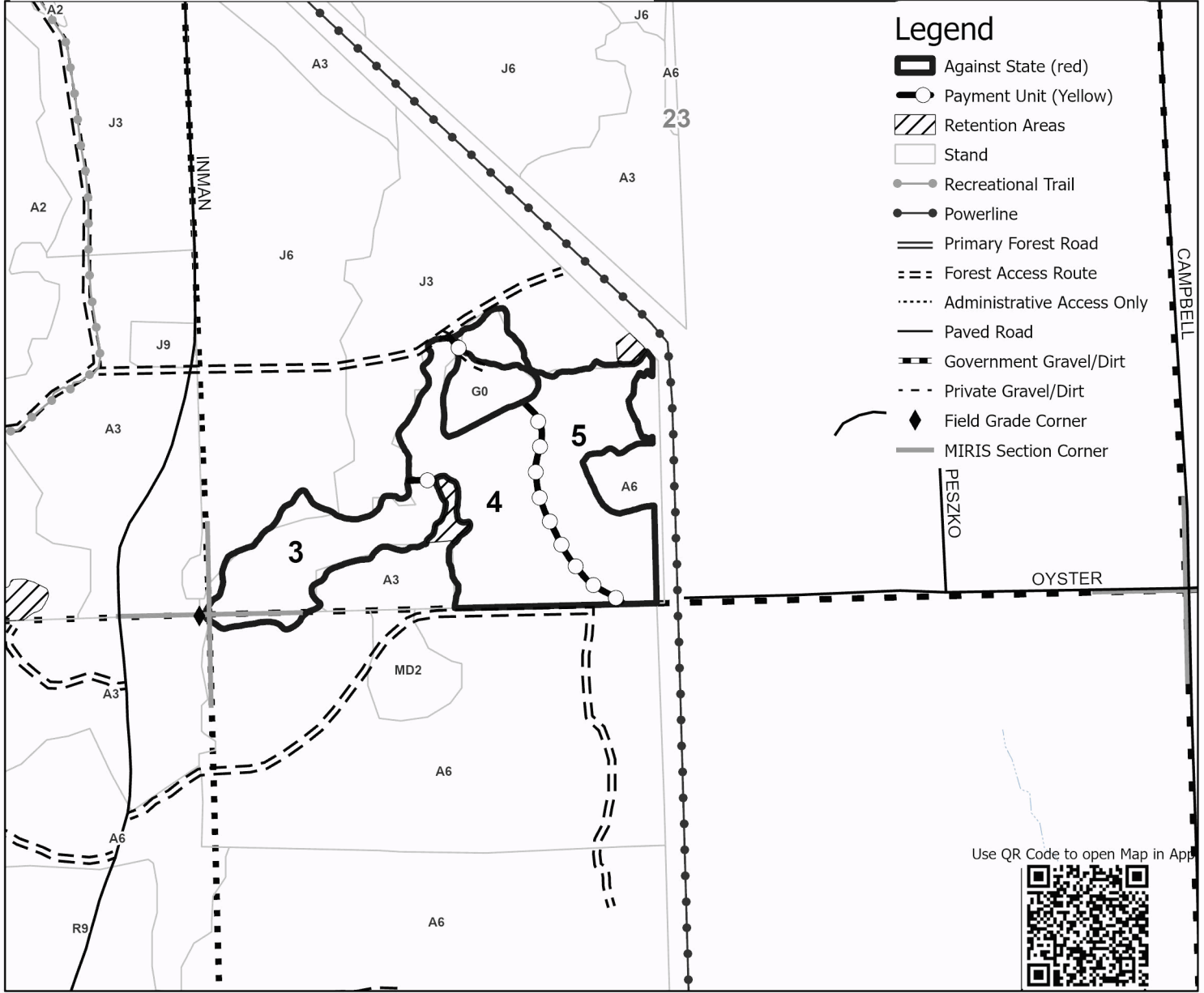
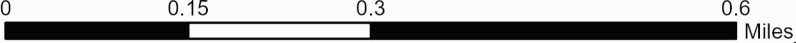
Density	
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well



PU #	Acres	PU #	Acres	PU #	Acres
1	39.5	3	10.6	5	14.4
2	34.5	4	15.9		

WOC Aspen

114.9 Acres



Legend	
	Against State (red)
	Payment Unit (Yellow)
	Retention Areas
	Stand
	Recreational Trail
	Powerline
	Primary Forest Road
	Forest Access Route
	Administrative Access Only
	Paved Road
	Government Gravel/Dirt
	Private Gravel/Dirt
	Field Grade Corner
	MIRIS Section Corner

Use QR Code to open Map in App





TIMBER SALE MAP

This information provided by authority of Part 525, 1994 PA 451, as amended.

Sale Number	Date	
71-010-24	09/12/2024	
Scale	Page	Of
1:15,840	1	2

Forest Management Unit	County	Mapped By: Martell
Roscommon Mgt Unit	Ogemaw	Cruised By: Sanborn

Township	Range	Section(s) and Subdivision(s)
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G = Grass	MD = Mixed Deciduous		Z = Water
H = Hemlock	N = Marsh		

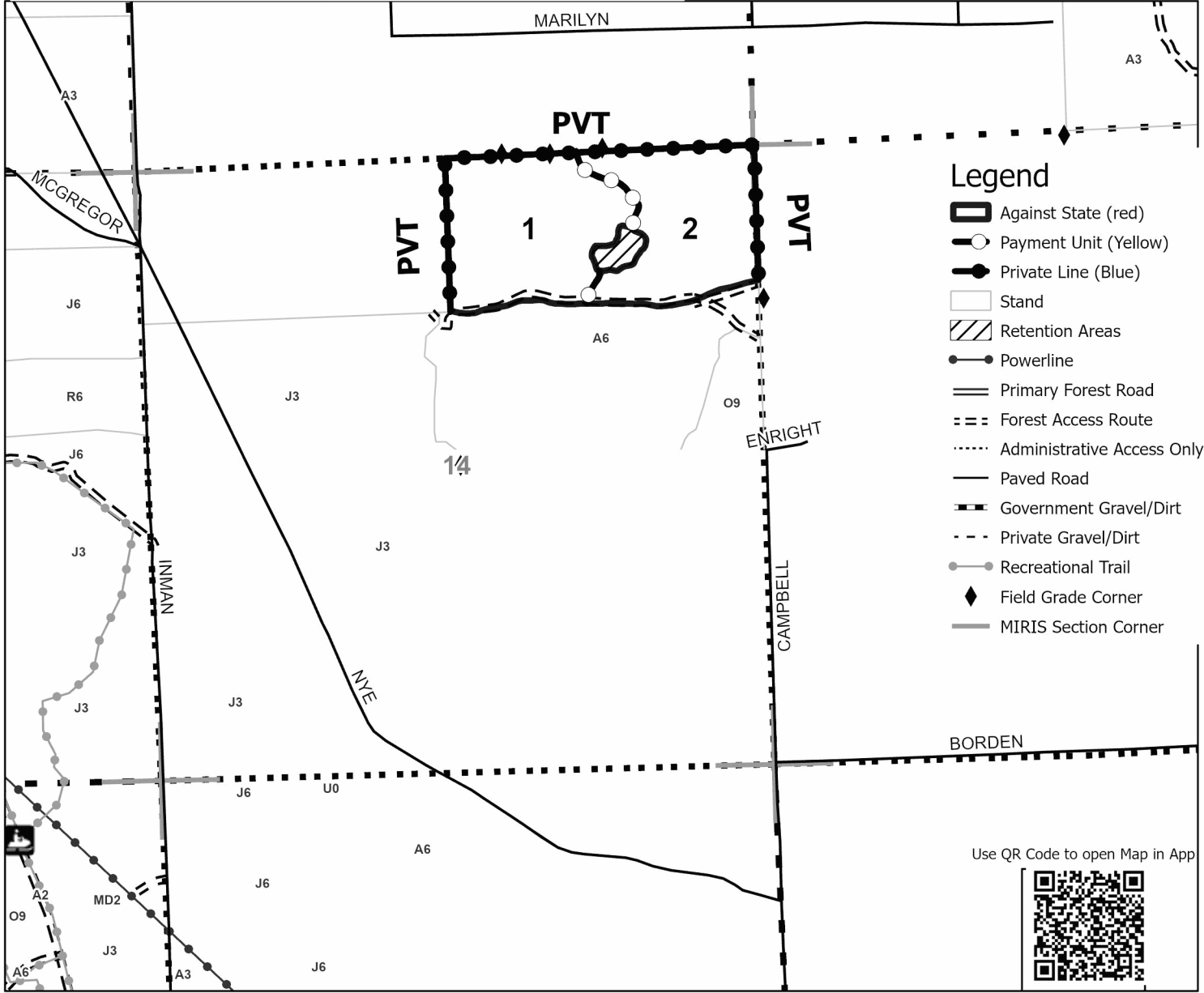
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PU #	Acres	PU #	Acres	PU #	Acres
1	39.5	3	10.6	5	14.4
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WOC Aspen

114.9 Acres



Legend

- Against State (red)
- Payment Unit (Yellow)
- Private Line (Blue)
- Stand
- Retention Areas
- Powerline
- Primary Forest Road
- Forest Access Route
- Administrative Access Only
- Paved Road
- Government Gravel/Dirt
- Private Gravel/Dirt
- Recreational Trail
- Field Grade Corner
- MIRIS Section Corner

Use QR Code to open Map in App

