



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7293**

SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on November 7, 2023.

LOCATION: ATLANTA MGMT UNIT, 13501 M 33, ATLANTA, MI 49709.

CONTACT NAME: Matt Foster

PHONE NUMBER: (989) 619-5921

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, ATLANTA MANAGEMENT UNIT, for certain timber on the following described lands:

One for One Aspen (54-022-23) / T32N, R02E, SEC. 10, S1/2SW.
T32N, R02E, SEC. 15, N1/2NW, SENE, E1/2SE.
T32N, R02E, SEC. 22, NENE.

Montmorency County, Advertised Price \$85,585.75, 70.2 Acres, Aspen, Hardwood.

SALE NOTE: Good quality timber. Access to Payment Unit 1 may be difficult due to poor road conditions (some slopes and heavy sand). Good access into Payment Unit 2. Multiple motorized and non-motorized recreation trails present within and adjacent to the sale. Soft Oak wilt restrictions present.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

TIMBER SALE INFORMATION

One for One Aspen (54-022-23)

T32N, R02E, SEC. 10; T32N, R02E, SEC. 15; T32N, R02E, SEC. 22.
Montmorency County (Advertised Price \$85,585.75)

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A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

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	218.7 MBF	\$ 113.00 / MBF
Mixed Oak	102.7 MBF	\$ 133.00 / MBF
Red Oak	27.6 MBF	\$ 171.00 / MBF
Red Pine	11.0 MBF	\$ 140.00 / MBF
White Oak	17.4 MBF	\$ 77.00 / MBF
Pulpwood		
Jack Pine	15 Cords	\$ 10.60 / Cord
Mixed Aspen	723 Cords	\$ 25.10 / Cord
Mixed Oak	574 Cords	\$ 29.25 / Cord
Paper Birch	8 Cords	\$ 15.30 / Cord
Red Maple	84 Cords	\$ 27.40 / Cord
Red Pine	23 Cords	\$ 36.25 / Cord
White Pine	44 Cords	\$ 28.65 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 18.19 percent. There are an estimated 2,290 cords on this timber sale, plus or minus 417 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 \$4,279.29 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	60.4%
02	39.6%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2025.

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
180,907	2,290	18.19%	1,873	2,707

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.

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
57	116,203	1,471	21.73%	1,151	1,791
81	64,705	819	29.26%	579	1,059
TOTAL:	180,907	2,290		1,731	2,849

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
57	36.5	1	36.5
81	33.7	2	33.7
TOTAL:	70.2		70.2

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE		
1	B. T. Aspen	Sawtimber	148.5	MBF	36.5	\$51,651.75		
	Mixed Oak		14.1	MBF				
	<i>Northern Pin Oak</i>		14.1	<i>MBF</i>				
	Red Oak		27.6	MBF				
	Red Pine		11.0	MBF				
	White Oak		14.5	MBF				
	Jack Pine		Pulpwood	9			Cords	
	Mixed Aspen			626			Cords	
	<i>B. T. Aspen</i>			626			<i>Cords</i>	
	Mixed Oak			295			Cords	
	<i>Northern Pin Oak</i>			126			<i>Cords</i>	
	<i>Red Oak</i>			67			<i>Cords</i>	
	<i>White Oak</i>			102			<i>Cords</i>	
	Red Maple	11	Cords					
	Red Pine	18	Cords					
	White Pine	8	Cords					
	<i>White Pine</i>	<i>Sawtimber</i>	2.0	<i>MBF</i>				
	<i>White Pine</i>		<i>Pulpwood</i>	4			<i>Cords</i>	
2	B. T. Aspen	Sawtimber		70.2	MBF	33.7	\$33,934.00	
	Mixed Oak		88.6	MBF				
	<i>/Red (Hybrid) Oak</i>		88.6	<i>MBF</i>				
	White Oak	Pulpwood	2.9	MBF				
	Jack Pine		6	Cords				
	Mixed Aspen		97	Cords				
	<i>Quaking Aspen</i>		<i>Sawtimber</i>	8.9	<i>MBF</i>			
	<i>B. T. Aspen</i>			<i>Pulpwood</i>	67			<i>Cords</i>
	<i>Quaking Aspen</i>				12			<i>Cords</i>
	Mixed Oak		279		Cords			
	<i>/Red (Hybrid) Oak</i>		262	<i>Cords</i>				
	<i>White Oak</i>		17	<i>Cords</i>				
	Paper Birch		8	Cords				
	Red Maple		73	Cords				
	Red Pine		5	Cords				
	White Pine		36	Cords				
	<i>White Pine</i>	36	<i>Cords</i>					
	TOTAL:			377.4	MBF			
TOTAL:			1,471	Cords				

Sale Specific Conditions & Requirements

Sale Name: One for One Aspen

Sale Number: 54-022-23 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 and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red 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.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 1 & 2, cut all trees that are two (2) inches or more at DBH, except do not cut any trees marked with teal paint. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

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

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are marked with teal paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$500 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale, chipped, utilized or otherwise removed from the sale.

4.1.6 - Road construction (1/09)

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. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the Sale Administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary permits that may be required.

5 - Operations

5.1 - Notification

5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the gas or pipeline company 14 days prior to operating equipment in the vicinity of well heads or natural gas pipelines.

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days 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 36 inches in height. No windrows of tops or slash are allowed. Slash must be uniformly scattered.

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.5 - Oak wilt restriction (1/18)

Within the Sale Area, 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.

5.2.4 - Dead and Down Creation

5.2.4.4 - Dead and down creation, grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 1 & 2, leave one 12" or larger diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or maple or if no hardwoods are present, a pine species (white or red). These trees will be evenly scattered throughout the unit, preferably at least two chains (120 feet) from any roads, two-tracks, or trails open to vehicles.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 1 & 2, cutting, skidding, and hauling occur during October 1 through April 1. The reason for the recommendation is to reduce any conflict between logging and recreational users because of the high density of motorized and non-motorized trails within the Sale Area.

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.

5.2.39 - ORV trail/route protection (4/18)

The Atlanta ORV Trail/Route is within the Timber Sale Area and is shown on the Timber Sale Map. Do not damage posts with yellow ORV markers. Trees with yellow ORV markers shall be cut off above the markers and at least 5 feet above ground. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Do not run equipment down the ORV trail or route. Skidding across the trail or route may only occur in locations approved by the Sale Administrator.

5.2.40 - Pathway protection (10/10)

The High Country Pathway is a hiking trail and is shown on the Timber Sale Map. Do not cut trees or damage posts with blue pathway markers. Maintain a 20-foot wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway. Skidding across the trail may only occur in locations approved by the Sale Administrator.

5.2.41 - Snowmobile trail protection (9/11)

LP_9 is a snowmobile trail and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. If the trail road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. The snowmobile trail may only be crossed at right angles. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. All stumps within 20 feet of the snowmobile trail must be cut at ground level.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Millersburg Road prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on LP_9 prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the Atlanta ORV Trail/Route and the High Country Pathway prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

**TIMBER SALE MAP***This information provided by authority of Part 525, 1994 PA 451, as amended.*

Sale Number	Year
54-022	23

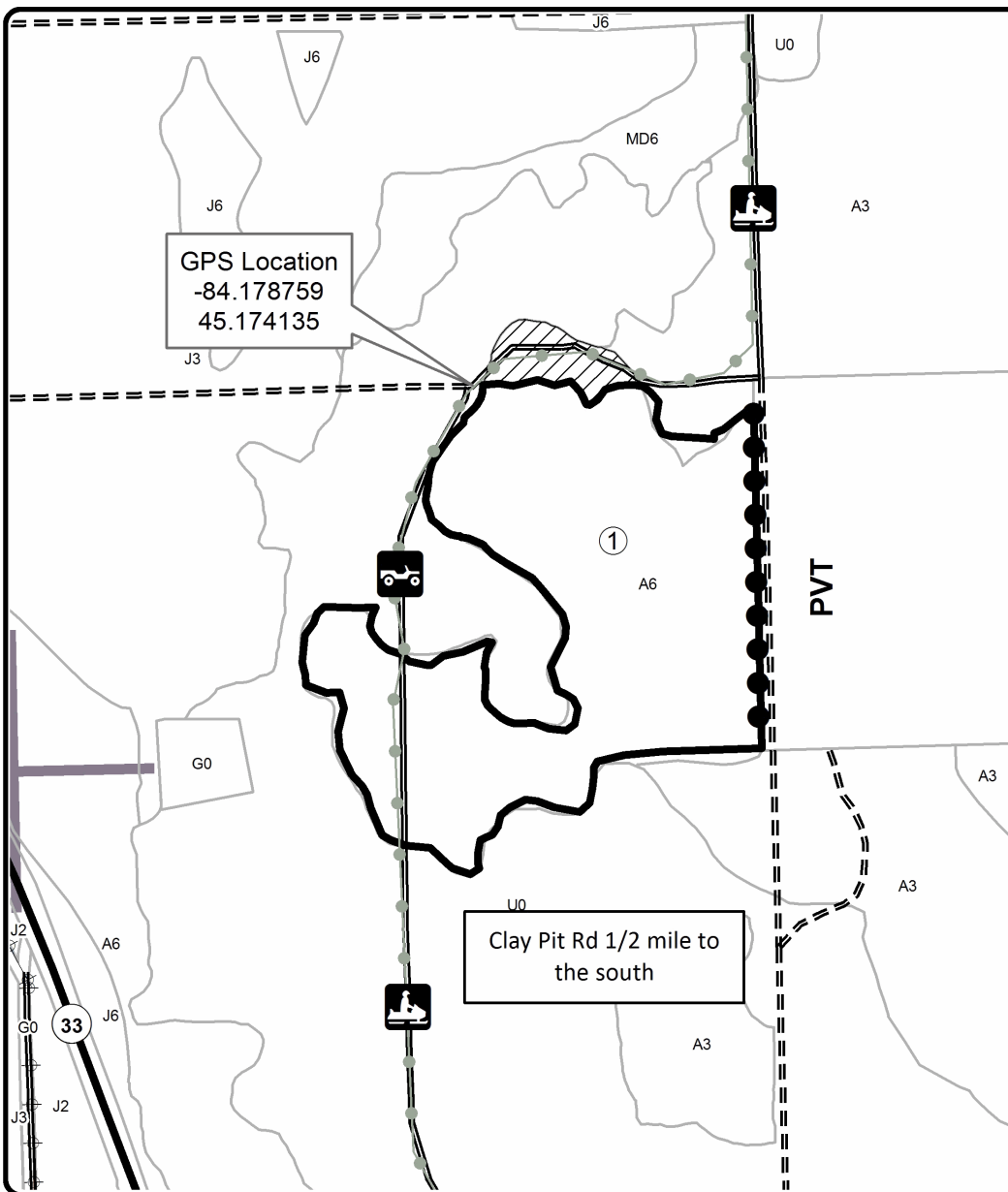
Forest Management Unit Atlanta Management Unit	County Montmorency	Mapped By T. Kubitskey	Date 6/24/2023	Page 1	of 2
		Cruised By T. Kubitskey			

Township 32N	Range 02E	Section(s) and Subdivision(s) Sec. 10 S1/2SW, Sec. 15 N1/2NW, SENE, E1/2SE, Sec. 22 NENE	Scale 1:7,920
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Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU Acres

1	36.5
2	33.7

One for One Aspen
Compartment 63
70.2 Acres**Legend**

- Against State (Red)
- Private Line (Blue)
- Stand Boundaries
- ▨ Retention
- Recreational Trail
- Highways
- Secondary Forest Road
- == Forest Access Route
- ② Payment Unit
- PVT Private Property
- Section Corners
- 🛷 Snowmobile Trail
- 🚗 Vehicular Trail
- ⊕ Powerline

Locator Map

**TIMBER SALE MAP***This information provided by authority of Part 525, 1994 PA 451, as amended.*

Sale Number	Year
54-022	23

Forest Management Unit Atlanta Management Unit	County Montmorency	Mapped By T. Kubitskey	Date 6/24/2023	Page 2	of 2
Cruised By T. Kubitskey					

Township 32N	Range 02E	Section(s) and Subdivision(s) Sec. 10 S1/2SW, Sec. 15 N1/2NW, SENE, E1/2SE, Sec. 22 NENE	Scale 1:7,920
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Cover Type

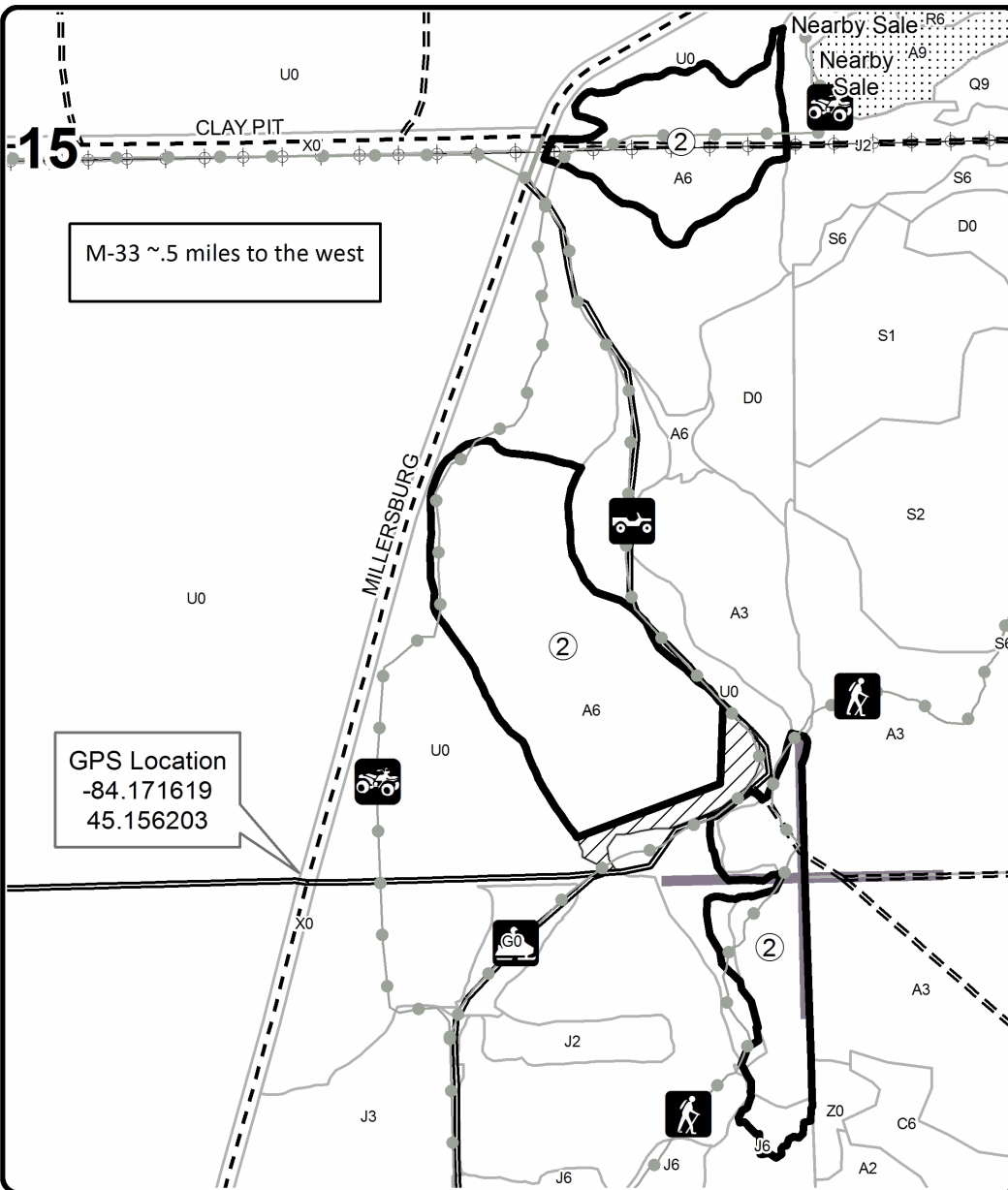
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B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water
G = Grass	MD = Mixed Deciduous	T = Tamarack	

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

1	36.5
2	33.7

One for One Aspen
Compartment 63
70.2 Acres**Legend**

- Against State (Red)
- Private Line (Blue)
- ▨ Retention
- ▤ Nearby Timber Sales
- Stand Boundaries
- Recreational Trail
- Secondary Forest Road
- == Forest Access Route
- - Gravel Road
- Private
- Pipeline
- ⚡ Powerline
- ② Payment Unit
- Section Corners
- 🛵 ORV Trail
- 🚶 Hiking Trail
- 🛷 Snowmobile Trail
- 🚗 Vehicular Trail

Locator Map