



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #6839**

**REVISION NOTICE #1 - March 8, 2021**

SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on Tuesday, March 9, 2021

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

This prospectus has been modified with the following changes.

Aspen Cottage (54-016-20) has been withdrawn from this prospectus due to an issue with the volumes.

We apologize for any inconvenience this may have caused. If you need assistance, please contact Cody Stevens at 989-785-4251 ext. 5240.



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

CONTACT NAME: Cody Stevens

PHONE NUMBER: (989) 785-4251

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:

Indian Reserve Mix (54-018-20) / T30N, R07E, SEC. 11, NENE.

T30N, R07E, SEC. 2 , SENW,NESW,SESE.

T30N, R07E, SEC. 3 , N1/2NE,SENE.

Alpena County, Advertised Price \$66,470.20, 57.9 Acres, Aspen, Red Oak.

SALE NOTE: Permission for access across private land is necessary for harvesting Payment Units 1 & 2. A copy of written permission from the private landowner must be given to the Unit Manager within 30 days of the bid opening and prior to the beginning of operations (see spec 4.4.1). Contact Forest Technician Doug Tyran at (989) 464-9463 for the private land owner's contact information.

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. Access may be through private land.

# TIMBER SALE INFORMATION

## Indian Reserve Mix (54-018-20)

T30N, R07E, SEC. 11; T30N, R07E, SEC. 2; T30N, R07E, SEC. 3.

Alpena County (Advertised Price \$66,470.20)

**SALE NOTE:** Permission for access across private land is necessary for harvesting Payment Units 1 & 2. A copy of written permission from the private landowner must be given to the Unit Manager within 30 days of the bid opening and prior to the beginning of operations (see spec 4.4.1). Contact Forest Technician Doug Tyran at (989) 464-9463 for the private land owner's contact information.

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. Access may be through private land.

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 T-Sale computer program and our traditional volume equations. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
<b>Sawtimber</b>		
Mixed Aspen	149.2 MBF	\$ 47.00 / MBF
Red Maple	34.9 MBF	\$ 60.00 / MBF
Red Oak	156.3 MBF	\$ 159.00 / MBF
Red Pine	102.1 MBF	\$ 90.00 / MBF
White Pine	32.9 MBF	\$ 53.00 / MBF
<b>Pulpwood</b>		
Balsam Fir	58 Cords	\$ 14.10 / Cord
Jack Pine	5 Cords	\$ 15.05 / Cord
Mixed Aspen	180 Cords	\$ 14.55 / Cord
Mixed Hardwood	310 Cords	\$ 16.35 / Cord
Paper Birch	13 Cords	\$ 7.75 / Cord
Red Oak	275 Cords	\$ 20.65 / Cord
Red Pine	172 Cords	\$ 34.90 / Cord
White Pine	64 Cords	\$ 17.45 / Cord
White Spruce	15 Cords	\$ 6.65 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 10.16 percent. There are an estimated 2,029 cords on this timber sale, plus or minus 206 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:**

- A bond in the amount of \$3,323.51 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- Cutting in any sale or unit without the required advance payment would be considered a trespass.
- Total payment must be paid in advance or according to the following schedule :
  - Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - The 10% down payment will be credited towards the first unit cut.
  - Payment for each of the following units must be made before cutting begins in that unit:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	8.1%
02	13.6%
03	59.1%
04	1.2%
05	18.0%

- If no cutting takes place, the 10% down payment will not be refunded.
- Operations on the contract issued will terminate on 12/31/2023.

### **SALE STATISTICS**

#### **SALE VOLUMES**

<u>VOLUME</u>		<u>STATISTICAL RANGE IN CORDS</u>		
<u>TOTAL CUBIC FEET</u>	<u>TOTAL CORDS</u>	<u>PERCENT ERROR</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>
160,268	2,029	10.16%	1,823	2,235

## 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
1	67,735	857	11.72%	757	958
2	1,785	23	7.02%	21	24
25	38,110	482	17.25%	399	566
80	20,414	258	16.71%	215	302
84	32,256	408	31.46%	280	537
<b>TOTAL:</b>	<b>160,299</b>	<b>2,029</b>		<b>1,672</b>	<b>2,386</b>

## 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
1	22.1	3	22.1
2	2.5	4	2.5
25	15.4	5	15.4
80	7.1	1	7.1
84	10.8	2	10.8
<b>TOTAL:</b>	<b>57.9</b>		<b>57.9</b>

**DESCRIPTION OF TIMBER BY PU (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Aspen	Sawtimber	70.8	MBF	7.1	\$5,376.25
	<i>B. T. Aspen</i>		40.4	<i>MBF</i>		
	<i>Quaking Aspen</i>		30.4	<i>MBF</i>		
	Red Maple		2.6	MBF		
	Red Pine		2.1	MBF		
	White Pine		2.7	MBF		
	Balsam Fir	Pulpwood	27	Cords		
	<i>Balsam Fir</i>	<i>Sawtimber</i>	0.9	<i>MBF</i>		
	<i>Balsam Fir</i>	<i>Pulpwood</i>	25	<i>Cords</i>		
	Mixed Aspen		67	Cords		
	<i>B. T. Aspen</i>		52	<i>Cords</i>		
	<i>Quaking Aspen</i>		15	<i>Cords</i>		
	Mixed Hardwood		4	Cords		
	<i>Paper Birch</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		2	<i>Cords</i>		
	Red Pine		3	Cords		
	White Pine		2	Cords		
2	Mixed Aspen	Sawtimber	54.6	MBF	10.8	\$9,009.10
	<i>B. T. Aspen</i>		41.3	<i>MBF</i>		
	<i>Quaking Aspen</i>		13.3	<i>MBF</i>		
	Red Maple		17.8	MBF		
	Red Pine		12.9	MBF		
	White Pine		20.8	MBF		
	Balsam Fir	Pulpwood	27	Cords		
	<i>Balsam Fir</i>	<i>Sawtimber</i>	1.7	<i>MBF</i>		
	<i>Balsam Fir</i>	<i>Pulpwood</i>	24	<i>Cords</i>		
	Mixed Aspen		67	Cords		
	<i>B. T. Aspen</i>		33	<i>Cords</i>		
	<i>Quaking Aspen</i>		34	<i>Cords</i>		
	Mixed Hardwood		49	Cords		
	<i>Red Maple</i>		49	<i>Cords</i>		
	Red Pine		11	Cords		
	White Pine		27	Cords		
	White Spruce		15	Cords		
	<i>White Spruce</i>	<i>Sawtimber</i>	1.4	<i>MBF</i>		
	<i>White Spruce</i>	<i>Pulpwood</i>	12	<i>Cords</i>		
3	Mixed Aspen	Sawtimber	14.8	MBF	22.1	\$39,253.45
	<i>B. T. Aspen</i>		14.8	<i>MBF</i>		
	Red Maple		0.8	MBF		
	Red Oak	Pulpwood	143.2	MBF		
	Red Pine		60.3	MBF		
	Mixed Aspen		18	Cords		
	<i>B. T. Aspen</i>		18	<i>Cords</i>		
	Mixed Hardwood		21	Cords		
	<i>Red Maple</i>		21	<i>Cords</i>		
	Red Oak		242	Cords		
	Red Pine		133	Cords		
	White Pine		4	Cords		
4	Red Oak	Sawtimber	1.7	MBF	2.5	\$778.85
	Red Pine		0.8	MBF		
	Red Oak	Pulpwood	11	Cords		
	Red Pine		6	Cords		
5	Mixed Aspen	Sawtimber	9.0	MBF	15.4	\$11,951.80
	<i>B. T. Aspen</i>		3.9	<i>MBF</i>		
	<i>Quaking Aspen</i>		5.1	<i>MBF</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	Red Maple	Sawtimber	13.7	MBF		
	Red Oak		11.4	MBF		
	Red Pine		26.0	MBF		
	White Pine		9.4	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	<i>Balsam Fir</i>		4	<i>Cords</i>		
	Jack Pine		5	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	0.8	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	3	<i>Cords</i>		
	Mixed Aspen		28	Cords		
	<i>B. T. Aspen</i>		13	<i>Cords</i>		
	<i>Quaking Aspen</i>		15	<i>Cords</i>		
	Mixed Hardwood		236	Cords		
	<i>Paper Birch</i>	<i>Sawtimber</i>	0.8	<i>MBF</i>		
	<i>Paper Birch</i>	<i>Pulpwood</i>	9	<i>Cords</i>		
	<i>Red Maple</i>		225	<i>Cords</i>		
	Red Oak		22	Cords		
	Red Pine		19	Cords		
	White Pine		31	Cords		
TOTAL:			475.4	MBF		
TOTAL:			1,079	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Indian Reserve Mix**

**Sale Number: 54-018-20 Seq#: 2**

### **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 red, blue, green, and yellow paint. Exterior sale boundary lines against state are marked with red paint. Exterior sale boundary lines against private property are marked with blue paint. Interior Payment Unit boundaries are marked with yellow paint. Interior retention patches are marked with green 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, 2, 3, and 5, cut all trees that are two (2) inches or more at DBH, with the following exceptions:

- Within Payment Unit 1, do not cut any pine or cedar. In addition, do not cut sub-merchantable spruce or oak.
- Within Payment Unit 3, do not cut sub-merchantable pine.
- Within Payment Unit 5, do not cut sub-merchantable pine, spruce, or oak.

##### **2.1.3 - Cut tree marked unit(s) (12/08)**

Within Payment Unit(s) 4, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

### **3 - Payments**

#### **3.3 - Pre-measured Sales**

##### **3.3.4 - Dividing payment units (7/14)**

Payment Unit(s) greater than \$25,000 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.

#### **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, extreme care should be taken to avoid damage seedlings and saplings. If more than 50% of the tree seedlings or saplings (1/4" to 4" DBH) within a specified portion of the sale area are damaged, liquidated damages will be assessed at \$150.00 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.

### **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.

##### **4.1.6 - Road construction (1/09)**

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)

Overgrown roads that are reopened must be blocked to vehicle traffic upon completion of the sale. 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.

#### 4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Skid trails only will be allowed.

### 4.2 - Maintenance

#### 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.

### 4.4 - Access

#### 4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. A copy of the written permission from the private landowner must be given to the Unit Manager within 30 days of the bid opening and prior to the beginning of operations.

## 5 - Operations

### 5.1 - Notification

#### 5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site 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 5 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 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

#### 5.2.2 - 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 Payment Unit(s) 3, 4, & 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.

##### 5.2.3.6 - Bark beetle restriction (12/08)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two inches in diameter are removed from the sale area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within fifteen days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4



mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

#### 5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in Payment Unit(s) 1-5 must be completed before significant tree sprouting occurs in that Payment Unit so as to minimize damage to the new regeneration. Any post harvest operations, such as skidding and processing, must be completed before sprouting of regeneration occurs. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.7 - Dead and down creation: hare, grouse, deer and other species (5/15)

To improve horizontal cover habitat for snowshoe hare, grouse, deer, and other species, the Purchaser is to push over orange marked trees in Payment Unit(s) 1 & 2. These trees should be tipped over with the root ball still attached so the base of the tree is suspended off the ground. The crown of the fallen tree should be at or near ground level after it is pushed over.

#### 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.

#### 5.2.41 - Snowmobile trail protection (9/11)

Snowmobile Trail 461 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. 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. 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.

### 5.4 - Soil Protection

#### 5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

#### 5.4.7 - Rutting restriction, Riparian Management Zone (RMZ) (1/09)

Within Payment Unit 4, operations are to cease immediately if equipment and weather conditions result in rutting of skid trails which are 6 inches or greater in depth and 25 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

### 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 state forest roads prior to beginning operations. The

road must be posted approximately 200 feet 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 the snowmobile trail prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted approximately 200 feet 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.

**TIMBER SALE MAP**

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

Sale Number	Year
54-018-20	2020

Forest Management Unit Atlanta	County Alpena	Mapped By Doug Tyran	Date 12/20/2020	Page 1	of 1
Cruised By Doug Tyran					

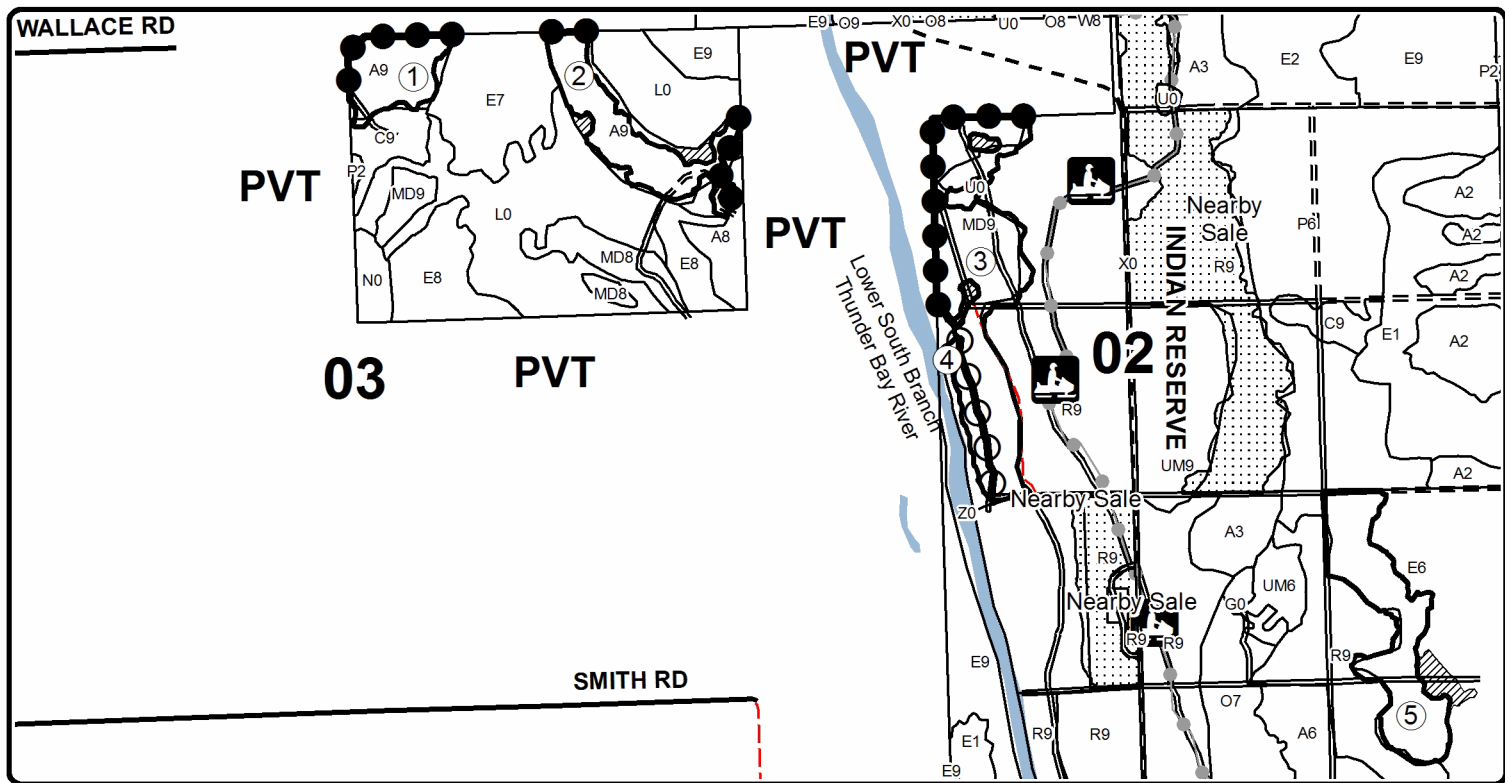
Township 30N	Range 07E	Section(s) and Subdivision(s) 2- SENW, NESW, SESE, 3- N1/2NE, SENE, 11- NENE	Scale 1:15,840
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Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack 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	PU	Acres
1	7.1	4	2.5
2	10.8	5	15.4
3	22.1		

## Indian Reserve Mix

Compartment 88  
57.9 Acres

**Legend**

- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- Stand Boundaries
- Retention Area
- Nearby Timber Sales
- Lakes and Rivers
- Primary Forest Road
- Secondary Forest Road
- Forest Access Route
- Paved Road
- Gravel Road
- County Road - Seasonal
- Private Road
- Snowmobile Trail
- Payment Unit Label

**Locator Map**  
1:150,000