



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7535**

SCHEDULED SALE DATE AND TIME: **10:00 a.m. (local time) on February 18, 2025.**

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:

Isn't it Swale (54-010-23) / T32N, R05E, SEC. 32, N1/2SE.

T32N, R05E, SEC. 33, S1/2NW, N1/2SW, SESW, SWSE.

Alpena County, Advertised Price \$35,277.65, 85.9 Acres, Aspen, Hardwood.

SALE NOTE: Difficult access to Payment Units 1 and 2. Operations during dry summer or frozen winter conditions only.

# TIMBER SALE INFORMATION

Isn't it Swale (54-010-23)

T32N, R05E, SEC. 32; T32N, R05E, SEC. 33.

Alpena County (Advertised Price \$35,277.65)

SALE NOTE: Difficult access to Payment Units 1 and 2. Operations during dry summer or frozen winter conditions only.

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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
<b>Sawtimber</b>		
Mixed Aspen	57.9 MBF	\$ 72.00 / MBF
Mixed Spruce	5.4 MBF	\$ 25.00 / MBF
Paper Birch	6.9 MBF	\$ 42.00 / MBF
Red Maple	52.9 MBF	\$ 49.00 / MBF
Red Oak	1.4 MBF	\$ 157.00 / MBF
Red Pine	36.8 MBF	\$ 105.00 / MBF
Sugar Maple	1.4 MBF	\$ 217.00 / MBF
White Pine	7.6 MBF	\$ 76.00 / MBF
<b>Pulpwood</b>		
Jack Pine	73 Cords	\$ 11.55 / Cord
Mixed Aspen	626 Cords	\$ 16.80 / Cord
Mixed Hardwood	490 Cords	\$ 17.25 / Cord
Mixed Spruce	78 Cords	\$ 10.20 / Cord
Red Oak	2 Cords	\$ 20.45 / Cord
Red Pine	57 Cords	\$ 31.60 / Cord
Tamarack	36 Cords	\$ 8.15 / Cord
White Pine	16 Cords	\$ 23.95 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 12.94 percent. There are an estimated 1,891 cords on this timber sale, plus or minus 245 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 \$1,763.88 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	10.5%
02	1.2%
03	23.5%
04	27.4%
05	19.4%
06	18.0%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2028.

**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
149,353	1,891	12.94%	1,646	2,135

**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
2	81,557	1,032	17.69%	850	1,215
33	7,951	101	157.30%	0	259
34	4,905	62	158.30%	0	160
37	14,722	186	60.43%	74	299
51	26,725	338	30.85%	234	443
63	2,680	34	46.91%	18	50
66	10,813	137	49.30%	69	204
<b>TOTAL:</b>	<b>149,353</b>	<b>1,891</b>		<b>1,245</b>	<b>2,630</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
2	44.6	3	20.2
2	44.6	4	21.7
2	44.6	5	2.7
33	2.9	6	2.9
34	2.6	6	2.6
37	9.8	1	8.9
37	9.8	2	0.9
51	14.3	4	1.6
51	14.3	5	12.7
63	3.7	1	1.1
63	3.7	2	2.6
66	8.0	6	8.0
<b>TOTAL:</b>	<b>202.9</b>		<b>85.9</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Mixed Aspen	Sawtimber	2.4	MBF	10.0	\$3,699.60	
	<i>B. T. Aspen</i>		2.4	<i>MBF</i>			
	Mixed Spruce		1.2	MBF			
	<i>Black Spruce</i>		1.2	<i>MBF</i>			
	Paper Birch		0.6	MBF			
	Red Maple		1.1	MBF			
	Red Pine		12.8	MBF			
	White Pine		1.6	MBF			
	Jack Pine		Pulpwood	46			Cords
	<i>Jack Pine</i>			<i>Sawtimber</i>			4.0
	<i>Jack Pine</i>		<i>Pulpwood</i>	38			<i>Cords</i>
	Mixed Aspen		23	Cords			
	<i>B. T. Aspen</i>		23	<i>Cords</i>			
	Mixed Hardwood		11	Cords			
	<i>Paper Birch</i>		2	<i>Cords</i>			
	<i>Red Maple</i>		9	<i>Cords</i>			
	Mixed Spruce		23	Cords			
	<i>Black Spruce</i>		23	<i>Cords</i>			
	Red Pine		14	Cords			
	White Pine		7	Cords			
2	Mixed Aspen	Sawtimber	0.2	MBF	3.5	\$418.05	
	<i>B. T. Aspen</i>		0.2	<i>MBF</i>			
	Mixed Spruce		0.3	MBF			
	<i>Black Spruce</i>		0.3	<i>MBF</i>			
	Paper Birch		0.1	MBF			
	Red Maple		0.1	MBF			
	Red Pine		1.3	MBF			
	White Pine		0.6	MBF			
	Jack Pine		Pulpwood	5			Cords
	<i>Jack Pine</i>			<i>Sawtimber</i>			0.4
	<i>Jack Pine</i>		<i>Pulpwood</i>	4			<i>Cords</i>
	Mixed Aspen		2	Cords			
	<i>B. T. Aspen</i>		2	<i>Cords</i>			
	Mixed Hardwood		1	Cords			
	<i>Red Maple</i>		1	<i>Cords</i>			
	Mixed Spruce		4	Cords			
	<i>Black Spruce</i>		4	<i>Cords</i>			
	Red Pine		1	Cords			
White Pine	1	Cords					
3	Mixed Aspen	Sawtimber	16.1	MBF	20.2	\$8,280.50	
	<i>B. T. Aspen</i>		5.4	<i>MBF</i>			
	<i>Balsam Poplar</i>		1.1	<i>MBF</i>			
	<i>Quaking Aspen</i>		9.6	<i>MBF</i>			
	Mixed Spruce		0.5	MBF			
	<i>White Spruce</i>		0.5	<i>MBF</i>			
	Paper Birch		2.1	MBF			
	Red Maple		16.6	MBF			
	Red Pine		0.7	MBF			
	Sugar Maple		0.6	MBF			
	White Pine		1.4	MBF			
	Jack Pine		Pulpwood	10			Cords
	<i>Jack Pine</i>			<i>Sawtimber</i>			0.3
	<i>Jack Pine</i>		<i>Pulpwood</i>	9			<i>Cords</i>
	Mixed Aspen		166	Cords			
	<i>B. T. Aspen</i>		10	<i>Cords</i>			

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
3 con't	<i>Balsam Poplar</i>	<i>Pulpwood</i>	22	<i>Cords</i>		
	<i>Quaking Aspen</i>		134	<i>Cords</i>		
	Mixed Hardwood		156	<i>Cords</i>		
	<i>Silver Maple</i>	<i>Sawtimber</i>	10.2	<i>MBF</i>		
	<i>American Elm</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	<i>Black Cherry</i>		6	<i>Cords</i>		
	<i>Paper Birch</i>		6	<i>Cords</i>		
	<i>Red Maple</i>		98	<i>Cords</i>		
	<i>Silver Maple</i>		24	<i>Cords</i>		
	<i>Sugar Maple</i>		1	<i>Cords</i>		
	Mixed Spruce		11	<i>Cords</i>		
	<i>Black Spruce</i>		10	<i>Cords</i>		
	<i>White Spruce</i>		1	<i>Cords</i>		
	Red Pine		6	<i>Cords</i>		
	4	Mixed Aspen	Sawtimber	18.8	MBF	23.3
<i>B. T. Aspen</i>			6.1	<i>MBF</i>		
<i>Balsam Poplar</i>			1.2	<i>MBF</i>		
<i>Quaking Aspen</i>			11.5	<i>MBF</i>		
Mixed Spruce			0.6	MBF		
<i>White Spruce</i>			0.6	<i>MBF</i>		
Paper Birch			2.4	MBF		
Red Maple			19.5	MBF		
Red Oak			0.2	MBF		
Red Pine			1.0	MBF		
Sugar Maple			0.7	MBF		
White Pine			1.6	MBF		
Jack Pine		Pulpwood	10	Cords		
<i>Jack Pine</i>		<i>Sawtimber</i>	0.3	<i>MBF</i>		
<i>Jack Pine</i>		<i>Pulpwood</i>	9	<i>Cords</i>		
Mixed Aspen			194	Cords		
<i>B. T. Aspen</i>			13	<i>Cords</i>		
<i>Balsam Poplar</i>			24	<i>Cords</i>		
<i>Quaking Aspen</i>			157	<i>Cords</i>		
Mixed Hardwood			182	Cords		
<i>Silver Maple</i>		<i>Sawtimber</i>	11.2	<i>MBF</i>		
<i>American Elm</i>		<i>Pulpwood</i>	2	<i>Cords</i>		
<i>Black Cherry</i>			7	<i>Cords</i>		
<i>Paper Birch</i>			8	<i>Cords</i>		
<i>Red Maple</i>			115	<i>Cords</i>		
<i>Silver Maple</i>			26	<i>Cords</i>		
<i>Sugar Maple</i>			2	<i>Cords</i>		
Mixed Spruce			12	Cords		
<i>Black Spruce</i>			11	<i>Cords</i>		
<i>White Spruce</i>			1	<i>Cords</i>		
Red Pine			6	Cords		
White Pine			1	Cords		
5	Mixed Aspen	Sawtimber	13.1	MBF	15.4	\$6,854.35
	<i>B. T. Aspen</i>		2.6	<i>MBF</i>		
	<i>Balsam Poplar</i>		0.2	<i>MBF</i>		
	<i>Quaking Aspen</i>		10.3	<i>MBF</i>		
	Mixed Spruce		0.1	MBF		
	<i>White Spruce</i>		0.1	<i>MBF</i>		
	Paper Birch		1.3	MBF		
	Red Maple		15.1	MBF		
	Red Oak		1.2	MBF		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
5 con't	Red Pine	Sawtimber	1.5	MBF					
	Sugar Maple		0.1	MBF					
	White Pine		1.0	MBF					
	Jack Pine	Pulpwood	1	Cords					
	<i>Jack Pine</i>		1	Cords					
	Mixed Aspen		149	Cords					
	<i>B. T. Aspen</i>		20	Cords					
	<i>Balsam Poplar</i>		6	Cords					
	<i>Quaking Aspen</i>		123	Cords					
	Mixed Hardwood		113	Cords					
	<i>Silver Maple</i>	Sawtimber	2.7	MBF					
	<i>Black Cherry</i>	Pulpwood	7	Cords					
	<i>Paper Birch</i>		4	Cords					
	<i>Red Maple</i>		90	Cords					
	<i>Silver Maple</i>		7	Cords					
	Mixed Spruce		3	Cords					
	<i>Black Spruce</i>		1	Cords					
	<i>White Spruce</i>		2	Cords					
	Red Oak		2	Cords					
	Red Pine		2	Cords					
White Pine		3	Cords						
6	Mixed Aspen	Sawtimber	7.3	MBF	13.5	\$6,334.50			
	<i>B. T. Aspen</i>		5.2	MBF					
	<i>Quaking Aspen</i>		2.1	MBF					
	Mixed Spruce		2.7	MBF					
	<i>Black Spruce</i>		2.7	MBF					
	Paper Birch		0.4	MBF					
	Red Maple		0.5	MBF					
	Red Pine		19.5	MBF					
	White Pine		1.4	MBF					
	Jack Pine	Pulpwood	2	Cords					
	<i>Jack Pine</i>	Sawtimber	0.7	MBF					
	<i>Jack Pine</i>	Pulpwood	1	Cords					
	Mixed Aspen		92	Cords					
	<i>B. T. Aspen</i>		16	Cords					
	<i>Balsam Poplar</i>		2	Cords					
	<i>Quaking Aspen</i>		74	Cords					
	Mixed Hardwood		26	Cords					
	<i>Black Cherry</i>		4	Cords					
	<i>Paper Birch</i>		1	Cords					
	<i>Red Maple</i>		21	Cords					
	Mixed Spruce		25	Cords					
	<i>Black Spruce</i>		25	Cords					
	Red Pine		28	Cords					
	Tamarack		36	Cords					
	<i>Tamarack</i>	Sawtimber	3.0	MBF					
	<i>Tamarack</i>	Pulpwood	30	Cords					
	White Pine		4	Cords					
	TOTAL:			170.3			MBF		
	TOTAL:			1,378			Cords		

## Sale Specific Conditions & Requirements

**Sale Name: Isn't it Swale**

**Sale Number: 54-010-23 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 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, with the exception of the interior Payment Unit boundary between Payment Units 3 and 4, which is unpainted and designated by the forest road. 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

##### 2.1.2 - Clearcut Unit(s) w/o Unmerchantable Trees (8/11)

Within Payment Unit(s) 1 and 3-5, cut all trees which meet minimum piece specifications in 2.2 Utilization. Protect advanced regeneration as much as possible during cutting operations (see Spec 3.4.1).

##### 2.1.3 - Cut Tree Marked Unit(s) (12/08)

Within Payment Unit(s) 2, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

##### 2.1.7 - Leave Tree Marked Unit(s) (6/14)

Within Payment Unit(s) 6, cut all trees that are two (2) inches or more at DBH, except do not cut trees marked with green paint above and below stump height.

Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

#### 2.2 - Utilization

##### 2.2.6 - Roundwood Operation Required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length. Trees must be harvested with in-woods processor (feller bunching harvester will not be allowed) in order to retain existing understory.

### 3 - Payments

#### 3.3 - Pre-measured Sales

##### 3.3.4 - Dividing Payment Units (7/14)

Payment Unit(s) exceeding \$25,000 in value 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, extreme care should be taken to avoid damage to tree seedlings and saplings.

Within the Sale Area, if more than 50% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$250 per acre for all acreage within that specified portion of the Sale Area that was damaged.

### 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 located within Payment Unit 6, and marked with green paint above and below stump height. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$250 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.

#### 4.1.4 - Timber Removed for Construction (3/23)

Trees cut or damaged in the process of pre-approved road, landing, or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the Sale Administrator. Payment will be made at contract prices or average prices, if not on the contract.

#### 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

#### 4.2.2 - Fill Material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Fill material must not contain clay or organic matter.

#### 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 10 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

#### 5.2.3.1 - Operating Restrictions (9/11)

Within Payment Unit(s) 1-6, unless changed by written agreement, cutting, skidding, and hauling are limited to dry summer or frozen winter conditions. This restriction is to protect wet soils.

#### 5.2.3.11 - Coppice Regeneration Protection (4/10)

Timber harvesting in any Payment Unit must be completed before significant deciduous sprouting occurs in that Payment Unit so as to minimize damage to the new regeneration.

### 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, 3-5, and portions of 6, leave one whole tree on the ground for every 2 acres. Orange paint identifies these trees. 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.

### 5.4 - 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.

### 5.8 - 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 onsite evaluation and recommendation can be made, if necessary.



### TIMBER SALE MAP

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

Sale Number  
**54-010-23**

Date  
**12/05/2024**

Forest Management Unit  
Atlanta Mgt Unit

County  
Alpena

Mapped By: Natzke  
Cruised By: Natzke

Scale  
1:10,000

Page  
1

Of  
1

Township 32N Range 05E Section(s) and Subdivision(s) Sec. 32 N1/2SE; Sec. 33 S1/2NW,N1/2SW,SESW,SWSE;

#### 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		

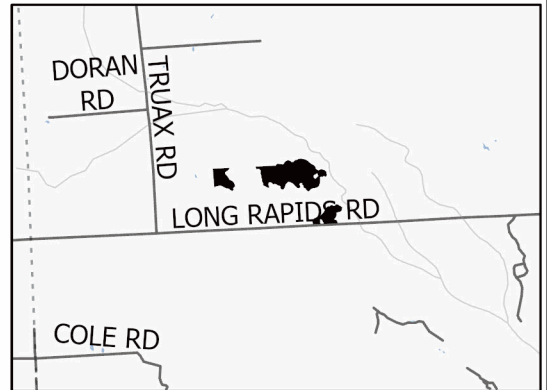
#### Density

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

Payment Unit Number	Acres	Payment Unit Number	Acres
1	10.0	4	23.3
2	3.5	5	15.4
3	20.2	6	13.5

**Isn't it Swale  
Comp't 109  
85.9 Acres**

#### Locator Map 1:100,000



Against State (Red)	Retention Areas
Private Line (Blue)	Forest Access Route
Payment Unit (Yellow)	Government Gravel/Dirt
Payment Unit (Road)	Perennial River
Stand	Field Grade Corner

