



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7812**

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on May 14, 2026.**

LOCATION: **BARAGA MGMT UNIT, 427 US 41 NORTH, BARAGA, MI 49908.**

CONTACT NAME: Brad Carlson

PHONE NUMBER: (906) 353-6651

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

Sensenbrenner Hardwoods (11-006-26) / T51N, R30W, SEC. 4 , SENW,NE.

T51N, R30W, SEC. 5 , SESW,SE.

T51N, R30W, SEC. 8 , N1/2NE,SWNE,SE.

Baraga County, Advertised Price \$99,377.55, 384.7 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: Note that there is marked white ash and there is ash borer present. The timber was alive while cruising during the fall of 2025.

Access may be through private land.

# TIMBER SALE INFORMATION

Sensenbrenner Hardwoods (11-006-26)

T51N, R30W, SEC. 4; T51N, R30W, SEC. 5; T51N, R30W, SEC. 8.  
Baraga County (Advertised Price \$99,377.55)

SALE NOTE: Note that there is marked white ash and there is ash borer present. The timber was alive while cruising during the fall of 2025.

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 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>
Sawtimber		
Basswood	5.2 MBF	\$ 34.00 / MBF
Red Maple	248.2 MBF	\$ 116.00 / MBF
Sugar Maple	121.3 MBF	\$ 204.00 / MBF
Yellow Birch	20.5 MBF	\$ 81.00 / MBF
Pulpwood		
Balsam Fir	48 Cords	\$ 3.75 / Cord
Basswood	32 Cords	\$ 3.50 / Cord
Hemlock	3 Cords	\$ 2.70 / Cord
Mixed Aspen	175 Cords	\$ 11.95 / Cord
Mixed Hardwood	4,405 Cords	\$ 8.45 / Cord
Mixed Spruce	378 Cords	\$ 7.30 / Cord
White Ash	193 Cords	\$ 8.45 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 8.43 percent. There are an estimated 6,159 cords on this timber sale, plus or minus 519 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 \$9,937.76 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	5.4%
02	10.3%
03	6.2%
04	15.4%
05	17.4%
06	9.9%
07	14.2%
08	10.3%
09	10.9%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2030.

## **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
486,523	6,159	8.43%	5,639	6,678

**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
33	81,455	1,031	15.95%	867	1,196
34	80,719	1,022	23.15%	785	1,258
41	106,469	1,348	16.20%	1,129	1,566
43	127,928	1,619	19.03%	1,311	1,928
48	83,060	1,051	20.30%	838	1,265
148	6,892	87	67.78%	28	146
<b>TOTAL:</b>	<b>486,523</b>	<b>6,159</b>		<b>4,958</b>	<b>7,359</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
<b>TOTAL:</b>			

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	6.8	MBF	28.9	\$5,366.40
	Sugar Maple		6.5	MBF		
	Yellow Birch		0.8	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Aspen		30	Cords		
	<i>Quaking Aspen</i>		30	<i>Cords</i>		
	Mixed Hardwood		311	Cords		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		197	<i>Cords</i>		
	<i>Sugar Maple</i>		96	<i>Cords</i>		
	<i>Yellow Birch</i>		16	<i>Cords</i>		
	Mixed Spruce		16	Cords		
	<i>White Spruce</i>		16	<i>Cords</i>		
	White Ash		9	Cords		
2	Red Maple	Sawtimber	15.5	MBF	52.3	\$10,194.50
	Sugar Maple		13.6	MBF		
	Yellow Birch		1.3	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	Mixed Aspen		54	Cords		
	<i>Quaking Aspen</i>		54	<i>Cords</i>		
	Mixed Hardwood		538	Cords		
	<i>Ironwood</i>		4	<i>Cords</i>		
	<i>Red Maple</i>		333	<i>Cords</i>		
	<i>Sugar Maple</i>		175	<i>Cords</i>		
	<i>Yellow Birch</i>		26	<i>Cords</i>		
	Mixed Spruce		24	Cords		
	<i>White Spruce</i>		24	<i>Cords</i>		
	White Ash		16	Cords		
3	Red Maple	Sawtimber	16.9	MBF	25.1	\$6,154.40
	Sugar Maple		11.8	MBF		
	Mixed Aspen	Pulpwood	18	Cords		
	<i>Quaking Aspen</i>		18	<i>Cords</i>		
	Mixed Hardwood		177	Cords		
	<i>Ironwood</i>		3	<i>Cords</i>		
	<i>Red Maple</i>		89	<i>Cords</i>		
	<i>Sugar Maple</i>		85	<i>Cords</i>		
	White Ash		9	Cords		
	4	Red Maple	Sawtimber	42.0		
Sugar Maple			29.3	MBF		
Mixed Aspen		Pulpwood	45	Cords		
<i>Quaking Aspen</i>			45	<i>Cords</i>		
Mixed Hardwood			439	Cords		
<i>Ironwood</i>			7	<i>Cords</i>		
<i>Red Maple</i>			220	<i>Cords</i>		
<i>Sugar Maple</i>			212	<i>Cords</i>		
White Ash			22	Cords		
5		Basswood	Sawtimber	3.3	MBF	53.6
	Red Maple		42.5	MBF		
	Sugar Maple		32.4	MBF		
	Yellow Birch		0.8	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Basswood		18	Cords		
	Hemlock		2	Cords		
	Mixed Aspen		8	Cords		
	<i>Quaking Aspen</i>		8	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	Mixed Hardwood	Pulpwood	554	Cords		
	<i>Red Maple</i>		331	<i>Cords</i>		
	<i>Sugar Maple</i>		220	<i>Cords</i>		
	<i>Yellow Birch</i>		3	<i>Cords</i>		
	Mixed Spruce		4	Cords		
	<i>White Spruce</i>		4	<i>Cords</i>		
	White Ash		87	Cords		
6	Basswood	Sawtimber	1.9	MBF	30.5	\$9,857.15
	Red Maple	Pulpwood	24.3	MBF		
	Sugar Maple		18.4	MBF		
	Yellow Birch		0.5	MBF		
	Balsam Fir		1	Cords		
	Basswood		10	Cords		
	Hemlock		1	Cords		
	Mixed Aspen		4	Cords		
	<i>Quaking Aspen</i>		4	<i>Cords</i>		
	Mixed Hardwood		314	Cords		
	<i>Red Maple</i>		188	<i>Cords</i>		
	<i>Sugar Maple</i>		125	<i>Cords</i>		
	<i>Yellow Birch</i>		1	<i>Cords</i>		
	Mixed Spruce		2	Cords		
	<i>White Spruce</i>		2	<i>Cords</i>		
	White Ash		50	Cords		
7	Red Maple		Sawtimber	33.1	MBF	41.3
	Sugar Maple	Pulpwood	5.9	MBF		
	Yellow Birch		5.4	MBF		
	Balsam Fir		16	Cords		
	Basswood		4	Cords		
	Mixed Aspen		16	Cords		
	<i>Quaking Aspen</i>		16	<i>Cords</i>		
	Mixed Hardwood		896	Cords		
	<i>Red Maple</i>		428	<i>Cords</i>		
	<i>Sugar Maple</i>		372	<i>Cords</i>		
	<i>Yellow Birch</i>		96	<i>Cords</i>		
	Mixed Spruce		104	Cords		
	<i>White Spruce</i>		104	<i>Cords</i>		
8	Red Maple		Sawtimber	32.6	MBF	44.1
	Sugar Maple	Pulpwood	1.7	MBF		
	Yellow Birch		5.7	MBF		
	Balsam Fir		11	Cords		
	Mixed Hardwood		571	Cords		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		407	<i>Cords</i>		
	<i>Sugar Maple</i>		88	<i>Cords</i>		
	<i>Yellow Birch</i>		74	<i>Cords</i>		
	Mixed Spruce		111	Cords		
	<i>White Spruce</i>		111	<i>Cords</i>		
9	Red Maple		Sawtimber	34.5	MBF	46.6
	Sugar Maple	Pulpwood	1.7	MBF		
	Yellow Birch		6.0	MBF		
	Balsam Fir		12	Cords		
	Mixed Hardwood		605	Cords		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		431	<i>Cords</i>		
	<i>Sugar Maple</i>		94	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
9 con't	<i>Yellow Birch</i>	<i>Pulpwood</i>	78	<i>Cords</i>		
	Mixed Spruce		117	<i>Cords</i>		
	<i>White Spruce</i>		117	<i>Cords</i>		
TOTAL:			395.2	MBF		
TOTAL:			5,234	Cords		

## Sale Specific Conditions & Requirements

Sale Name: Sensenbrenner Hardwoods

Sale Number: 11-006-26 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 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. Interior Payment Unit boundaries are marked with red paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 7, 8 and 9, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut cedar, hemlock, or white pine. In addition, do not cut trees of any species that are greater than 22 inches at DBH.

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

Within Payment Unit(s) 1, 2, 3, 4, 5 & 6, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

#### 2.2 - Utilization

##### 2.2.4 - Skidding Length (12/24)

Skidding of lengths over 17 feet is permissible as long as the Sale Administrator approves the method and machinery used. If at any point damage exceeds specification 3.4.1, all of the remaining wood must be skid in lengths less than 17 feet.

##### 2.2.5 - Limbed Tree Skidding (12/24)

The skidding of whole trees or tree segments with limbs attached is prohibited, unless approved by the Unit Manager or his/her representative.

##### 2.2.7 - Uncut Designated Trees (2/04)

Liquidated damages of \$10.00 per tree will be assessed for every marked tree not cut.

##### 2.2.8 - Utilization and Removal (12/24)

All products meeting standards set forth in General Condition and Requirement 2.2 Utilization must be removed from the Sale Area. This is because excess woody debris inhibits regeneration.

##### 2.2.9 - No Chipping Permitted (12/08)

Within Payment Unit(s) 1-9, all wood must be removed by whole tree, tree segment, or roundwood, tops may not be chipped.

### 3 - Payments

#### 3.4 - Damaged Timber

##### 3.4.1 - Damaged Timber (12/24)

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.

No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, 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. Note that: trees within 10 feet of ruts exceeding 12" will be considered damage due to damage caused to the tree roots (see spec 5.4.1).

### 4 - Transportation

## 4.1 - Construction

### 4.1.1 - Stream Crossings, General (1/25)

All stream crossing structures will be temporary and, therefore, shall be provided by the Purchaser and must be removed upon completion of the sale. All permits for stream crossings will be provided by the DNR for crossings on state owned land.

### 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.

### 4.1.5 - Culverts (5/14)

Roads may require the installation of culverts for cross drainage or at natural drainage-ways. If culverts are needed in these locations, their placement will be specified by the Sale Administrator, and they shall be installed prior to hauling. The culverts shall be new, corrugated metal or plastic gauge. Culverts will be a minimum of 12 inches in diameter and 24 feet in length. If culverts are removed, fill shall be removed from wetland soils as specified. Soils shall be maintained and left in a non-erodible condition, with water bars, seed, fertilizer, mulch, and slash installed as directed by the Sale Administrator and as specified in the BMP manual. Stream crossing permits, if needed, will be obtained by the DNR.

### 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. Contact the Sale Administrator for specific details of design and placement.

### 4.1.8 - Road Work (1) (8/07)

The following road work is required: The Purchaser will plow the access road into the sale, such that there are pull-offs and/or turn outs sufficient for a passenger vehicle pulling a trailer to pull off the road to allow passage of other vehicles. These pull-offs shall be along the road at a distance of no greater than a quarter of a mile.

### 4.1.11 - Permits (2/12)

The Purchaser will secure any necessary permits that may be required. The DNR will secure any stream crossing permits that may be required, please notify the DNR 90 days prior to working on any crossing that requires a permit.

## 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.

### 4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bulldozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

## 4.4 - Access

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

Permission for access across private land is the responsibility of the Purchaser. Should the Purchaser desire to cross private

land and/or access the sale on roads where the state does not hold easement, 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 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

#### 5.2.1 - Slash

##### 5.2.1.1 - Slash Within Sale Area (9/16)

No trees are to be felled outside the Sale Area, and all slash is to be kept at least 10 feet back from the red paint line. If sale boundary lines are along a public road or highway, then slash must be removed 50' from these lines per General Condition & Requirement 5.2.1.

##### 5.2.1.11 - Slash for Reforestation (3/21)

To facilitate reforestation, the Sale Area shall be left with slash evenly distributed. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and 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

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

Within Payment Unit(s) 1-9, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of December 1 to March 31. This restriction is because this sale is located in a deer wintering area.

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

Within Payment Unit(s) unless changed by written agreement, all clean-up activities must be completed by July 15 for all areas that were harvested during the previous harvest season. This restriction is to allow the clean-up areas to revegetate before the dry season.

#### 5.2.17 - Timber Mats and Interlocking Composite Mats (5/23)

Some roads or skid trails may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. If available, mats may be borrowed from the DNR. A Timber Sale Contract Amendment will be used to document the Purchaser's use of the DNR's mats. Contact the Sale Administrator regarding availability and pick-up. Timber mats are available from various field offices. Composite mats are only available from the Grayling field office and the Marquette ICC. The Purchaser is responsible for picking up and hauling the mats to and from the site. The composite mats will require DNR staff onsite for installation and removal. Contact the Sale Administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$700.00 per timber mat and \$2,000.00 per composite mat will be assessed for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants. Damage for the composite mats is defined as cracked or broken mats.

#### 5.2.30 - Landing/Road Topsoil Protection (1/25)

Topsoil on landings and new roads must be removed, stockpiled, and saved. Upon completion of the timber sale, soil must be

evenly distributed back over the area for revegetation. In addition, the area must be seeded and mulched per Sale Administrator's instructions.

#### 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.

### 5.4 - 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 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. Note: Trees within 10 feet of ruts exceeding 12" will be considered damage due to damage caused to the tree roots and will be billed in accordance with 3.4 Damaged Timber.

#### 5.4.2 - Skid Trails (2/04)

Skid trails up and down slopes should be avoided. If, however, this is unavoidable, these trails will be left in a non-erodible condition using water bars, logs, and slash. Placing of slash on these skid trails while logging is ongoing may alleviate need for any further action. At the direction of the Sale Administrator, seed, fertilizer, and mulch may also be required.

#### 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.

### 5.7 - Protection of Historical Sites

#### 5.7.1 - Historical Sites (7/12)

The Purchaser shall not cut live or dead trees or operate equipment within historical sites. Historical sites are excluded from the Sale Area with red paint in Payment Unit 2. The Purchaser shall protect historical sites from damage by the Purchaser's operations. If Purchaser's operations have cut or damaged historical sites through carelessness, the Purchaser shall pay as fixed, agreed and liquidated damages for each acre or part thereof cut or damaged.

### 5.8 - Protection of Endangered Species

#### 5.8.3 - Red-shouldered Hawk or Goshawk (1) (1/25)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from April 1 to July 30. Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

#### 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.

## 7 - Other Conditions

### 7.5 - Loss

#### 7.5.1 - Deteriorating Timber (7/09)

The Sale Area has received damage from emerald ash borer. Some ash was still alive while cruising during the fall of 2025 and cruised as pulpwood. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.



**TIMBER SALE MAP**

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

Sale Number	Date	
<b>11-006-26</b>	12/05/2025	
Scale	Page	Of
1:24,000	1	1

Forest Management Unit	County	Mapped By: Ryan Mattila
Baraga Mgt Unit	Baraga	Cruised By: Baraga Staff

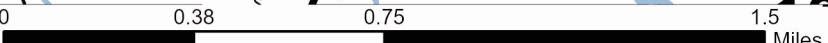
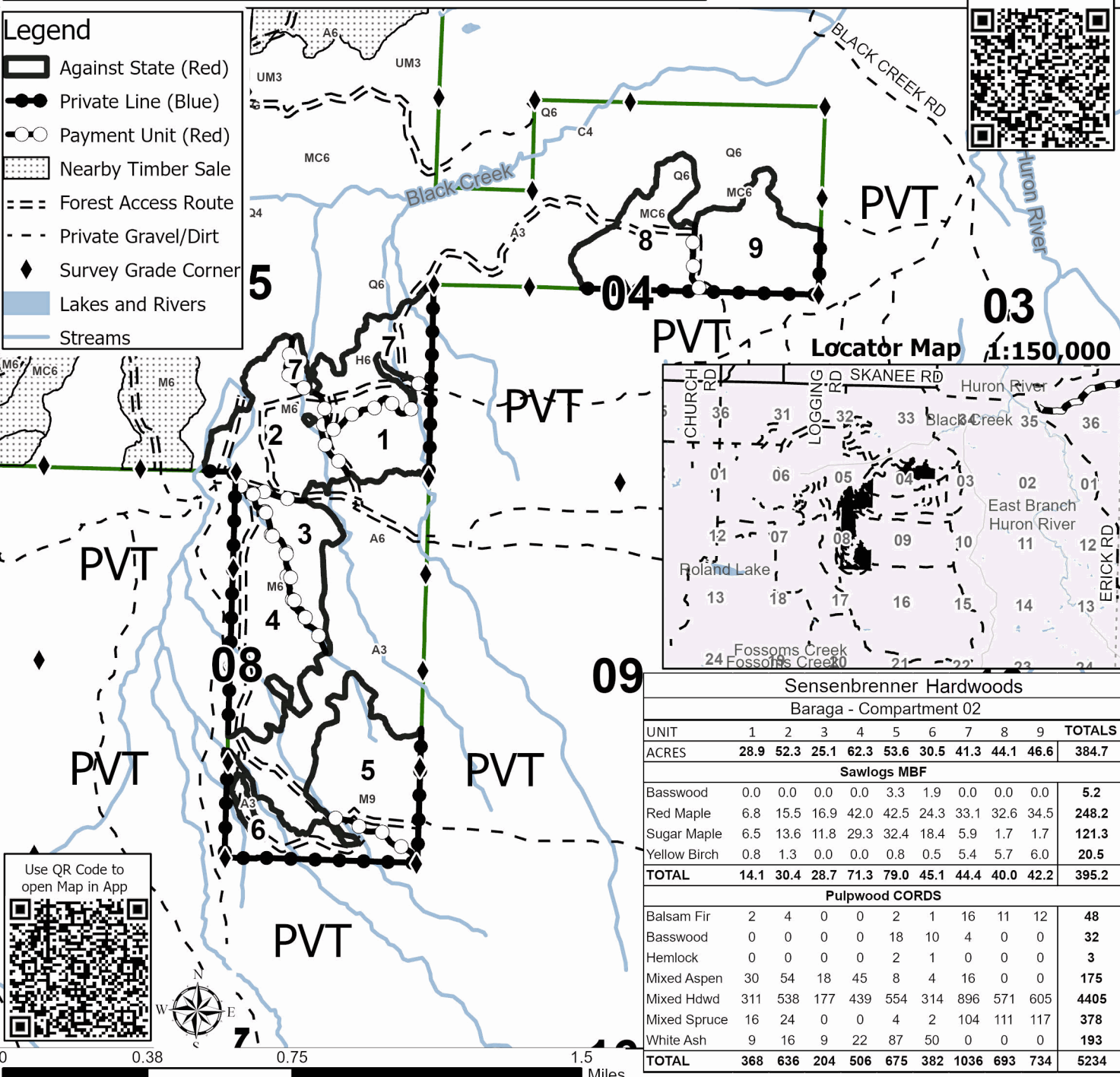
Township	Range	Section(s) and Subdivision(s)
51N	30W	Sec. 4 SENW,NE; Sec. 5 SESW,SE; Sec. 8 N1/2NE,SWNE,SE;

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



Legend	
	Against State (Red)
	Private Line (Blue)
	Payment Unit (Red)
	Nearby Timber Sale
	Forest Access Route
	Private Gravel/Dirt
	Survey Grade Corner
	Lakes and Rivers
	Streams



Sensenbrenner Hardwoods										
Baraga - Compartment 02										
UNIT	1	2	3	4	5	6	7	8	9	TOTALS
ACRES	28.9	52.3	25.1	62.3	53.6	30.5	41.3	44.1	46.6	384.7
Sawlogs MBF										
Basswood	0.0	0.0	0.0	0.0	3.3	1.9	0.0	0.0	0.0	5.2
Red Maple	6.8	15.5	16.9	42.0	42.5	24.3	33.1	32.6	34.5	248.2
Sugar Maple	6.5	13.6	11.8	29.3	32.4	18.4	5.9	1.7	1.7	121.3
Yellow Birch	0.8	1.3	0.0	0.0	0.8	0.5	5.4	5.7	6.0	20.5
<b>TOTAL</b>	<b>14.1</b>	<b>30.4</b>	<b>28.7</b>	<b>71.3</b>	<b>79.0</b>	<b>45.1</b>	<b>44.4</b>	<b>40.0</b>	<b>42.2</b>	<b>395.2</b>
Pulpwood CORDS										
Balsam Fir	2	4	0	0	2	1	16	11	12	48
Basswood	0	0	0	0	18	10	4	0	0	32
Hemlock	0	0	0	0	2	1	0	0	0	3
Mixed Aspen	30	54	18	45	8	4	16	0	0	175
Mixed Hwdwd	311	538	177	439	554	314	896	571	605	4405
Mixed Spruce	16	24	0	0	4	2	104	111	117	378
White Ash	9	16	9	22	87	50	0	0	0	193
<b>TOTAL</b>	<b>368</b>	<b>636</b>	<b>204</b>	<b>506</b>	<b>675</b>	<b>382</b>	<b>1036</b>	<b>693</b>	<b>734</b>	<b>5234</b>