



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7898**

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on October 15, 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:

Sub-Station (11-009-26) / T51N, R36W, SEC. 5 , N1/2NW,NWNE.

T52N, R36W, SEC. 32, S1/2SW,SE.

T52N, R36W, SEC. 33, W1/2SW.

Houghton County, Advertised Price \$144,153.60, 272.5 Acres, Hardwood, Sugar Maple.

SALE NOTE: Access may be through private land.

TIMBER SALE INFORMATION

Sub-Station (11-009-26)

T51N, R36W, SEC. 5; T52N, R36W, SEC. 32; T52N, R36W, SEC. 33.

Houghton County (Advertised Price \$144,153.60)

SALE NOTE: 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 & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Basswood	19.8 MBF	\$ 47.00 / MBF
Black Cherry	2.5 MBF	\$ 77.00 / MBF
Red Maple	85.2 MBF	\$ 152.00 / MBF
Red Oak	4.5 MBF	\$ 135.00 / MBF
Sugar Maple	356.9 MBF	\$ 283.00 / MBF
Yellow Birch	3.8 MBF	\$ 105.00 / MBF
Pulpwood		
Balsam Fir	14 Cords	\$ 7.20 / Cord
Mixed Aspen	6 Cords	\$ 23.65 / Cord
Mixed Hardwood	2,395 Cords	\$ 11.60 / Cord
Mixed Spruce	7 Cords	\$ 6.60 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 11.40 percent. There are an estimated 3,530 cords on this timber sale, plus or minus 403 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 \$14,415.36 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	7.3%
02	18.0%
03	14.0%
04	10.6%
05	15.1%
06	18.0%
07	17.0%

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

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.

<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>
278,856	3,530	11.40%	3,127	3,932

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
4	235,100	2,976	12.46%	2,605	3,347
24	20,974	265	43.14%	151	380
124	22,782	288	40.44%	172	405
TOTAL:	278,856	3,530		2,928	4,132

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
4	254.1	2	49.3
		3	38.3
		4	29.0
		5	41.4
		6	49.5
		7	46.6
24	10.5	1	10.5
124	7.9	1	7.9
TOTAL:	272.5		272.5

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	17.9	MBF	18.4	\$10,482.50
	Sugar Maple		5.8	MBF		
	Yellow Birch		3.8	MBF		
	Mixed Aspen	Pulpwood	6	Cords		
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	1.9	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	2	<i>Cords</i>		
	Mixed Hardwood		477	Cords		
	<i>Basswood</i>		6	<i>Cords</i>		
	<i>Ironwood</i>		6	<i>Cords</i>		
	<i>Red Maple</i>		252	<i>Cords</i>		
	<i>Sugar Maple</i>		172	<i>Cords</i>		
	<i>Yellow Birch</i>		41	<i>Cords</i>		
	Mixed Spruce		7	Cords		
	<i>White Spruce</i>		7	<i>Cords</i>		
2	Basswood	Sawtimber	3.8	MBF	49.3	\$25,938.90
	Black Cherry		0.5	MBF		
	Red Maple		13.1	MBF		
	Red Oak		0.9	MBF		
	Sugar Maple		68.1	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Mixed Hardwood		372	Cords		
	<i>Basswood</i>		7	<i>Cords</i>		
	<i>Black Cherry</i>		6	<i>Cords</i>		
	<i>Red Maple</i>		65	<i>Cords</i>		
	<i>Sugar Maple</i>		294	<i>Cords</i>		
3	Basswood	Sawtimber	3.0	MBF	38.3	\$20,139.00
	Black Cherry		0.4	MBF		
	Red Maple		10.1	MBF		
	Red Oak		0.7	MBF		
	Sugar Maple		52.9	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Hardwood		289	Cords		
	<i>Basswood</i>		6	<i>Cords</i>		
	<i>Black Cherry</i>		5	<i>Cords</i>		
	<i>Red Maple</i>		50	<i>Cords</i>		
	<i>Sugar Maple</i>		228	<i>Cords</i>		
4	Basswood	Sawtimber	2.3	MBF	29.0	\$15,272.20
	Black Cherry		0.3	MBF		
	Red Maple		7.7	MBF		
	Red Oak		0.5	MBF		
	Sugar Maple		40.1	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Hardwood		219	Cords		
	<i>Basswood</i>		4	<i>Cords</i>		
	<i>Black Cherry</i>		4	<i>Cords</i>		
	<i>Red Maple</i>		38	<i>Cords</i>		
	<i>Sugar Maple</i>		173	<i>Cords</i>		
5	Basswood	Sawtimber	3.2	MBF	41.4	\$21,768.90
	Black Cherry		0.4	MBF		
	Red Maple		11.0	MBF		
	Red Oak		0.7	MBF		
	Sugar Maple		57.2	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Hardwood		312	Cords		
	<i>Basswood</i>		6	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	<i>Black Cherry</i> <i>Red Maple</i> <i>Sugar Maple</i>	<i>Pulpwood</i>	5 54 247	Cords Cords Cords		
6	Basswood Black Cherry Red Maple Red Oak Sugar Maple Balsam Fir Mixed Hardwood <i>Basswood</i> <i>Black Cherry</i> <i>Red Maple</i> <i>Red Oak</i> <i>Sugar Maple</i>	Sawtimber Pulpwood 	3.9 0.4 13.1 0.9 68.4 2 374 7 6 65 2 294	MBF MBF MBF MBF MBF Cords Cords Cords Cords Cords Cords	49.5	\$26,036.80
7	Basswood Black Cherry Red Maple Red Oak Sugar Maple Balsam Fir Mixed Hardwood <i>Basswood</i> <i>Black Cherry</i> <i>Red Maple</i> <i>Sugar Maple</i>	Sawtimber Pulpwood 	3.6 0.5 12.3 0.8 64.4 3 352 7 6 61 278	MBF MBF MBF MBF MBF Cords Cords Cords Cords Cords Cords	46.6	\$24,515.30
TOTAL:			472.7	MBF		
TOTAL:			2,422	Cords		

Sale Specific Conditions & Requirements

Sale Name: Sub-Station

Sale Number: 11-009-26 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. 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) 1, cut all trees which meet minimum piece specifications in 2.2 Utilization, except red oak, white pine, hemlock and cedar if present.

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

Within Payment Unit(s) 2-7, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.2 - Utilization

2.2.3 - Stump Heights (12/24)

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches at DBH and four (4) inches for trees smaller than 10 inches at DBH. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

2.2.4 - Skidding Length (12/24)

Skidding of unlimbed tops is not permissible. 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.

2.2.11 - Chipping Restriction (9/14)

If chipping occurs on this sale, then no woody debris present on the ground at the start of the sale may be chipped. In addition, brush or chips may not be stored or stockpiled on site for more than 30 days.

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 undesigned 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. Live trees with deck piles against them will be considered damaged. 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: trees within 10 feet of ruts exceeding 6" will be considered damaged due to severing of the tree's roots, thus harming future tree quality and inhibiting tree growth.

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, please notify the DNR 90 days prior to working on any crossing that requires a permit.

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.

4.1.6 - Road Construction (4/24)

During the northern long-eared bat restriction period (4/15 to 5/14 and 8/16 to 10/15), skidding and road maintenance can occur as long as trees are not removed (cut or pushed). 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.

4.1.11 - Permits (2/12)

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

4.2 - Maintenance

4.2.1 - Hauling Restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during wet weather conditions.

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. Contact the Sale Administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

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.

4.2.5 - 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. In addition, depending on the ownership of the access route, a road use permit and bond may be required. If required, these must be fully secured and submitted to the Unit Manager in advance of operations.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale Conference (10/25)

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. Equipment operators that will be working on the sale are also required to attend. A pre-work meeting is to be conducted anytime a new operator moves to the sale. 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. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. 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.

5.2.1.14 - Chipping of Slash (10/08)

If tops are chipped, they must be skidded to the landing separately from the bole section of the tree. Skidding of tops must be done in such a way as to minimize damage to the residual trees. See related specs 2.2.4 - Skidding Length and 3.4.1 - Damaged Timber.

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) 1-7, unless changed by written agreement, cutting, and skidding are not permitted during the

period of 4/15 to 7/15. This restriction is due to bark slip.

Within Payment Unit(s) 6 & 7, and portions of Payment Units 2-5 (see Timber Sale Map), cutting and pushing over trees is not permitted during the period of 4/15 to 5/15 and 8/16 to 10/15. This restriction is due to northern long-eared bat restrictions.

5.2.3.2 - Operating Restrictions (9/11)

Within Payment Unit(s) 1-7, unless changed by written agreement, all clean-up activities must be completed by 8/15 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 on new 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)

Within sale area 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. Note: Trees within 10 feet of ruts exceeding 6" will be considered damaged due to the severing of the tree's 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.

5.8 - 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.

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 M-26 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.

TIMBER SALE MAP

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

Sale Number
11-009-26

Date
07/08/2026

Forest Management Unit		County	Mapped By: Hansen	Scale 1:20,000	Page 1	Of 1
Baraga Mgt Unit		Houghton	Cruised By: Hansen, Dorvinen			
Township 51N / 52N	Range 36W	Section(s) and Subdivision(s) Sec. 32 S1/2SW,SE; Sec. 33 W1/2SW; Sec. 5 N1/2NW,NWNE;				

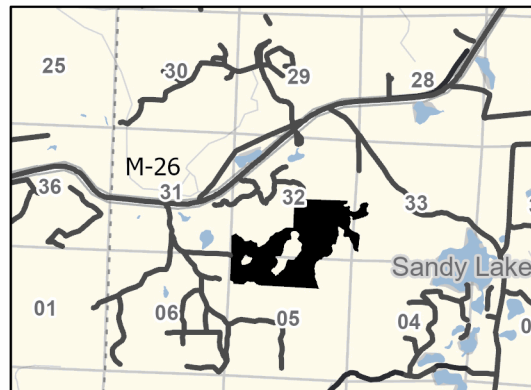
Cover Type

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		

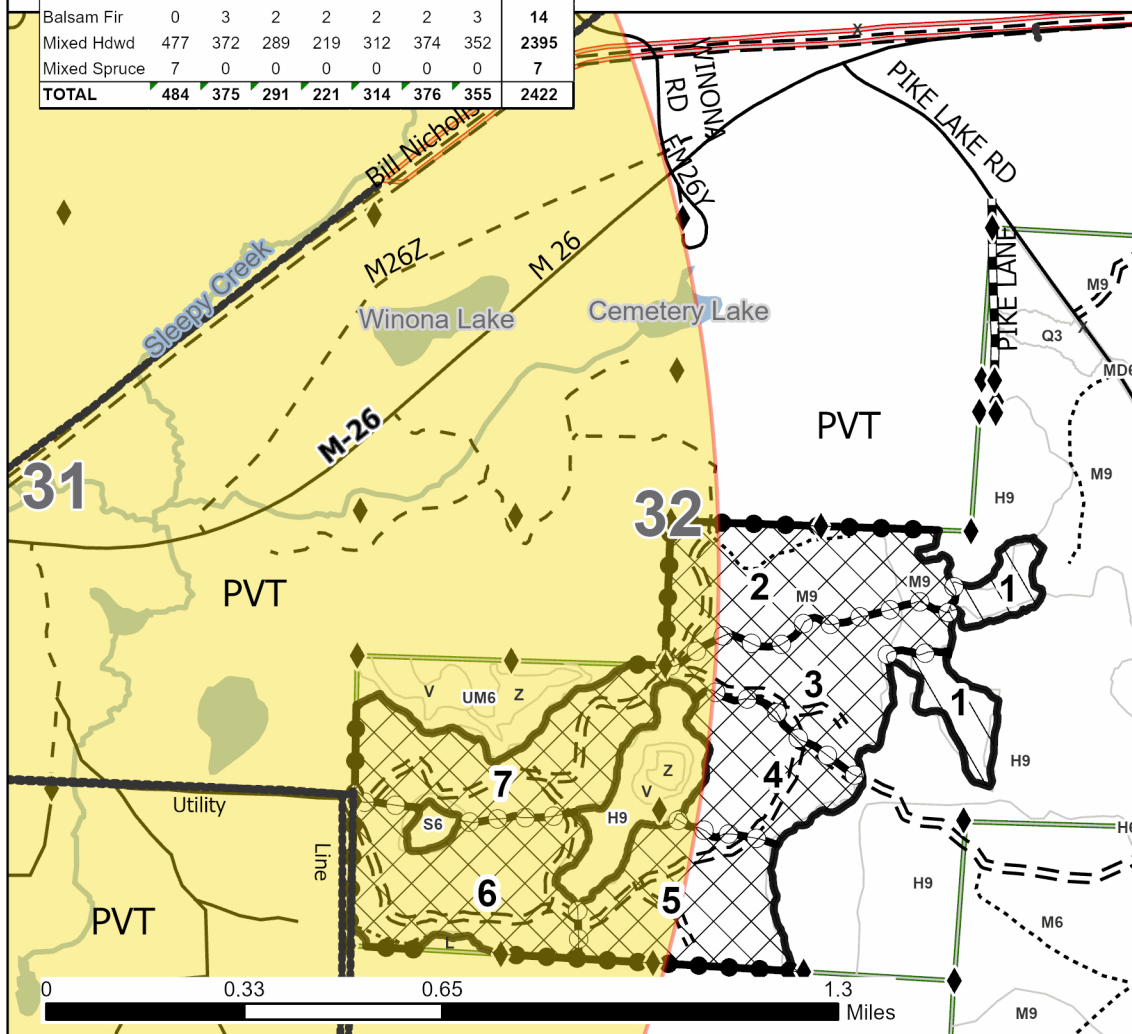
Density

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

Locator Map 1:100,000



Sub Station Mix								
Houghton - Compartment 54								
UNIT	1	2	3	4	5	6	7	TOTALS
ACRES	18.4	49.3	38.3	29	41.4	49.5	46.6	272.5
Sawlogs MBF								
Basswood	0.0	3.8	3.0	2.3	3.2	3.9	3.6	19.8
Black Cherry	0.0	0.5	0.4	0.3	0.4	0.4	0.5	2.5
Red Maple	17.9	13.1	10.1	7.7	11.0	13.1	12.3	85.2
Sugar Maple	5.8	68.1	52.9	40.1	57.2	68.4	64.4	356.9
Red Oak	0.0	0.9	0.7	0.5	0.7	0.9	0.8	4.5
Yellow Birch	3.8	0.0	0.0	0.0	0.0	0.0	0.0	3.8
TOTAL	27.5	86.4	67.1	50.9	72.5	86.7	81.6	472.7
Pulpwood CORDS								
Mixed Aspen	6	0	0	0	0	0	0	6
Balsam Fir	0	3	2	2	2	2	3	14
Mixed Hwdw	477	372	289	219	312	374	352	2395
Mixed Spruce	7	0	0	0	0	0	0	7
TOTAL	484	375	291	221	314	376	355	2422



Legend

-  Forest Access Route
-  Administrative Access Only
-  Paved Road
-  Government Gravel/Dirt
-  Private Gravel/Dirt
-  Lakes and Rivers
-  Streams
-  Utility Line
-  Survey Grade Corner
-  Private Line (Blue)
-  Payment Unit (Red)
-  Against State (Red)
-  Clearcut w/ Retention
-  Selection Harvest
-  Long Eared Bat Hibernacula Buffer

Tree List



MAP

