



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7875**

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on August 27, 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:

Cat Eye (11-007-26) / T51N, R35W, SEC. 10, S1/2SW, S1/2SE.

T51N, R35W, SEC. 15, NW, NWNE.

Houghton County, Advertised Price \$37,040.05, 138.1 Acres, Hardwood, Sugar Maple.

TIMBER SALE INFORMATION

Cat Eye (11-007-26)

T51N, R35W, SEC. 10; T51N, R35W, SEC. 15.

Houghton County (Advertised Price \$37,040.05)

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	13.4 MBF	\$ 45.00 / MBF
Red Maple	42.4 MBF	\$ 164.00 / MBF
Sugar Maple	48.3 MBF	\$ 289.00 / MBF
Yellow Birch	2.0 MBF	\$ 105.00 / MBF
Pulpwood		
Basswood	51 Cords	\$ 5.10 / Cord
Mixed Aspen	19 Cords	\$ 21.85 / Cord
Mixed Hardwood	1,273 Cords	\$ 11.50 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 13.79 percent. There are an estimated 1,592 cords on this timber sale, plus or minus 220 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 \$3,500.00 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	24.6%
02	15.1%
03	30.9%
04	29.4%

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>
125,765	1,592	13.79%	1,372	1,812

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
11	125,765	1,592	13.80%	1,372	1,812
TOTAL:	125,765	1,592		1,372	1,812

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
TOTAL:			

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	3.3	MBF	33.9	\$9,109.25
	Red Maple		10.4	MBF		
	Sugar Maple		11.9	MBF		
	Yellow Birch		0.5	MBF		
	Basswood	Pulpwood	13	Cords		
	Mixed Aspen		5	Cords		
	<i>Quaking Aspen</i>		5	<i>Cords</i>		
	Mixed Hardwood		312	Cords		
	<i>Ironwood</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		163	<i>Cords</i>		
	<i>Sugar Maple</i>		134	<i>Cords</i>		
	<i>Yellow Birch</i>		14	<i>Cords</i>		
2	Basswood	Sawtimber	2.0	MBF	20.8	\$5,595.15
	Red Maple		6.4	MBF		
	Sugar Maple		7.3	MBF		
	Yellow Birch		0.3	MBF		
	Basswood	Pulpwood	8	Cords		
	Mixed Aspen		3	Cords		
	<i>Quaking Aspen</i>		3	<i>Cords</i>		
	Mixed Hardwood		192	Cords		
	<i>Ironwood</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		100	<i>Cords</i>		
	<i>Sugar Maple</i>		82	<i>Cords</i>		
	<i>Yellow Birch</i>		9	<i>Cords</i>		
3	Basswood	Sawtimber	4.2	MBF	42.7	\$11,434.75
	Red Maple		13.1	MBF		
	Sugar Maple		14.9	MBF		
	Yellow Birch		0.6	MBF		
	Basswood	Pulpwood	15	Cords		
	Mixed Aspen		5	Cords		
	<i>Quaking Aspen</i>		5	<i>Cords</i>		
	Mixed Hardwood		395	Cords		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		206	<i>Cords</i>		
	<i>Sugar Maple</i>		168	<i>Cords</i>		
	<i>Yellow Birch</i>		19	<i>Cords</i>		
4	Basswood	Sawtimber	3.9	MBF	40.7	\$10,900.90
	Red Maple		12.5	MBF		
	Sugar Maple		14.2	MBF		
	Yellow Birch		0.6	MBF		
	Basswood	Pulpwood	15	Cords		
	Mixed Aspen		6	Cords		
	<i>Quaking Aspen</i>		6	<i>Cords</i>		
	Mixed Hardwood		374	Cords		
	<i>Ironwood</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		196	<i>Cords</i>		
	<i>Sugar Maple</i>		160	<i>Cords</i>		
	<i>Yellow Birch</i>		17	<i>Cords</i>		
TOTAL:			106.1	MBF		
TOTAL:			1,343	Cords		

Sale Specific Conditions & Requirements

Sale Name: Cat Eye

Sale Number: 11-007-26 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 or are unmarked and identified by a road. Exterior sale boundary lines against private property are marked with blue 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. Red 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

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

Within Payment Unit(s) 1, 2, 3, & 4, 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 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.

2.2.7 - Uncut Designated Trees (2/04)

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

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 undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings. Live trees with deck piles against them will also be considered as damaged trees. 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 6" 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 located on state land. The Purchaser shall notify the DNR 90 days prior to working on any crossing that will require an EGLE 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.

4.1.5 - 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 for crossings located on state land. The Purchaser shall notify the DNR 90 days prior to working on any crossing that will require an EGLE permit.

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, not left in windrows, and kept a minimum of 10 feet back from the road edge, be chipped, utilized or otherwise removed from the sale. 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.

4.2 - 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.

4.2.5 - 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. Also required to attend are equipment operators that will be working on the sale. A

presale 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

5.2.1.11 - 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.

5.2.1.14 - 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) #'s 1, 2, 3 and 4 cutting, skidding, and hauling are limited to the period of Dec. 1st to March 31st. This restriction is This is because the sale area is located within a deer wintering complex.

5.2.3.2 - Operating Restrictions (9/11)

Within Payment Unit(s) 1, 2, 3, and 4, unless changed by written agreement, all cleanup activities must be completed by June 30 for all areas that were harvested during the previous harvest season. This restriction is to allow the harvest area to revegetate before the dry season.

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

Topsoil 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 may require seeding and mulching 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.

5.2.41 - Snowmobile Trail Protection (9/11)

The UP 109/Bill Nicholls trail is a snowmobile trail and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. The road maintenance/restoration must be done prior to December 1. If the trail road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail.

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

5.8.5 - 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.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.2 - Snowmobile Trail Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on UP 109/Bill Nicholls Trail prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

**TIMBER SALE MAP**

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

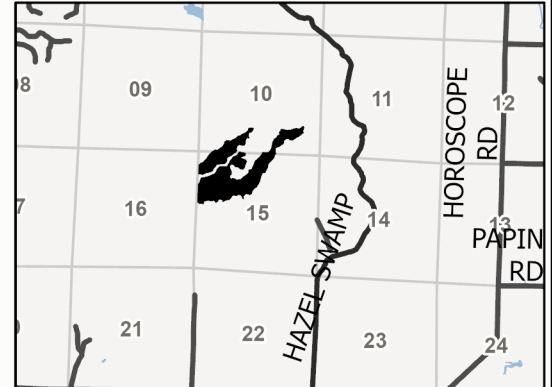
Forest Management Unit		County	Mapped By: Hansen	Scale 1:15,840	Page 1	Of 1
Baraga Mgt Unit		Houghton	Cruised By: Mattila			
Township 51N	Range 35W	Section(s) and Subdivision(s) Sec. 10 S1/2SW,S1/2SE; Sec. 15 NW,NWNE;				

Cover Type

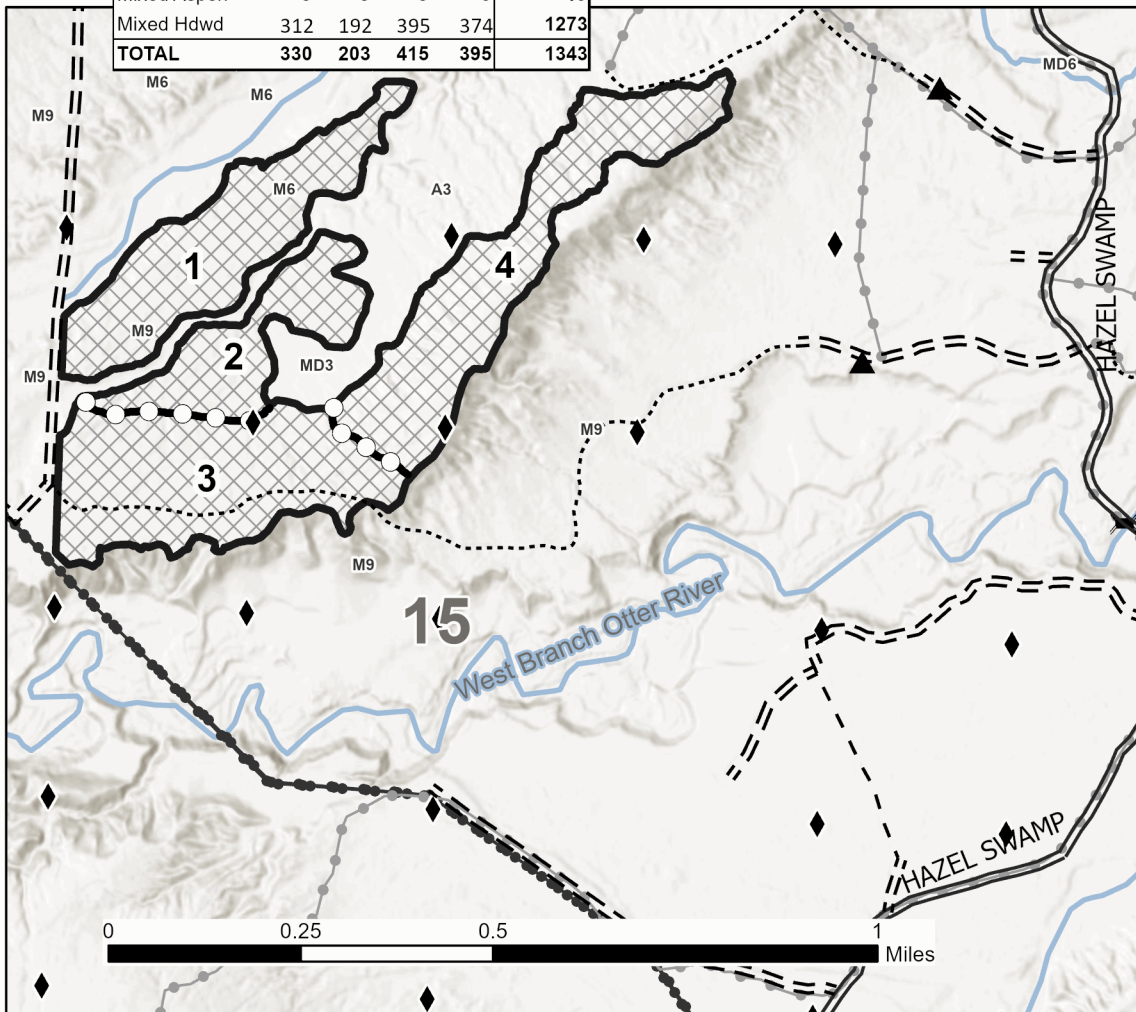
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, Birch	S = Black 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

Cat Eye					
Houghton - Compartment 43					
UNIT	1	2	3	4	TOTALS
ACRES	33.9	20.8	42.7	40.7	138.1
Sawlogs MBF					
Basswood	3.3	2.0	4.2	3.9	13.4
Red Maple	10.4	6.4	13.1	12.5	42.4
Sugar Maple	11.9	7.3	14.9	14.2	48.3
Yellow Birch	0.5	0.3	0.6	0.6	2.0
TOTAL	26.1	16.0	15.0	31.2	106.1
Pulpwood CORDS					
Basswood	13	8	15	15	51
Mixed Aspen	5	3	5	6	19
Mixed Hdwd	312	192	395	374	1273
TOTAL	330	203	415	395	1343

**Legend**

	Payment Unit
	Against State (Red)
	Payment Unit (Red)
	Streams
	Primary Forest Road
	Forest Access Route
	Administrative Access Only
	Private Gravel/Dirt
	Survey Grade Corner
	Bridge
	Berm
	Recreation Trails
	Powerlines
	Snowmobile Trail

Use QR Code to
open Tree ListUse QR Code to
open Map in App