



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7585**

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on May 8, 2025.**

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:

Happy Days (11-015-25) / T52N, R36W, SEC. 20, NW,N1/2SW,SWSW.

Houghton County, Advertised Price \$32,260.45, 80.9 Acres, Aspen, Hardwood.

SALE NOTE: Access must be through state land. Landowner west of sale has previously denied access through property.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

TIMBER SALE INFORMATION

Happy Days (11-015-25)

T52N, R36W, SEC. 20.

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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 | 24.6 MBF | \$ 84.00 / MBF |
| Red Maple | 30.6 MBF | \$ 143.00 / MBF |
| Sugar Maple | 19.9 MBF | \$ 268.00 / MBF |
| White Ash | 1.5 MBF | \$ 69.00 / MBF |
| Yellow Birch | 7.6 MBF | \$ 126.00 / MBF |
| Pulpwood | | |
| Balsam Fir | 44 Cords | \$ 4.75 / Cord |
| Basswood | 83 Cords | \$ 6.60 / Cord |
| Mixed Aspen | 273 Cords | \$ 18.95 / Cord |
| Mixed Hardwood | 954 Cords | \$ 13.80 / Cord |
| Mixed Spruce | 31 Cords | \$ 10.60 / Cord |

* The total volume is statistically estimated within plus (+) or minus (-) 16.88 percent. There are an estimated 1,588 cords on this timber sale, plus or minus 268 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 \$3,000.00 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:

| PAYMENT UNIT NUMBER | PERCENT OF TOTAL SALE VALUE |
|---------------------|-----------------------------|
| 01 | 57.2% |
| 02 | 42.8% |
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 |
| 125,479 | 1,588 | 16.88% | 1,320 | 1,857 |

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 |
| 4 | 62,173 | 787 | 23.37% | 603 | 971 |
| 11 | 63,306 | 801 | 24.68% | 604 | 999 |
| TOTAL: | 125,479 | 1,588 | | 1,207 | 1,970 |

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 | 37.4 | 1 | 37.4 |
| 11 | 43.5 | 2 | 43.5 |
| TOTAL: | 80.9 | | 80.9 |

DESCRIPTION OF TIMBER BY PU (PU)

| PU | MARKET GROUP | PRODUCT | QUANTITY | UNIT | ACRES | ADVERTISE PRICE |
|--------|----------------------|-----------|----------|-------|-------|-----------------|
| 1 | Basswood | Sawtimber | 21.2 | MBF | 37.4 | \$18,447.15 |
| | Red Maple | | 25.1 | MBF | | |
| | Sugar Maple | | 17.3 | MBF | | |
| | Yellow Birch | | 2.2 | MBF | | |
| | Basswood | Pulpwood | 15 | Cords | | |
| | Basswood | | 51 | Cords | | |
| | Mixed Hardwood | | 562 | Cords | | |
| | <i>Red Maple</i> | | 196 | Cords | | |
| | <i>Sugar Maple</i> | | 267 | Cords | | |
| | <i>Yellow Birch</i> | | 99 | Cords | | |
| 2 | Basswood | Sawtimber | 3.4 | MBF | 43.5 | \$13,813.30 |
| | Red Maple | | 5.5 | MBF | | |
| | Sugar Maple | | 2.6 | MBF | | |
| | White Ash | 1.5 | MBF | | | |
| | Yellow Birch | 5.4 | MBF | | | |
| | Basswood | Pulpwood | 29 | Cords | | |
| | Basswood | | 32 | Cords | | |
| | Mixed Aspen | | 273 | Cords | | |
| | <i>Quaking Aspen</i> | | 273 | Cords | | |
| | Mixed Hardwood | | 392 | Cords | | |
| | <i>Ironwood</i> | | 14 | Cords | | |
| | <i>Red Maple</i> | | 247 | Cords | | |
| | <i>Sugar Maple</i> | | 76 | Cords | | |
| | <i>Yellow Birch</i> | | 55 | Cords | | |
| | Mixed Spruce | | 31 | Cords | | |
| | <i>White Spruce</i> | 31 | Cords | | | |
| TOTAL: | | | 84.2 | MBF | | |
| TOTAL: | | | 1,385 | Cords | | |

Sale Specific Conditions & Requirements

Sale Name: Happy Days

Sale Number: 11-015-25 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted Boundaries (9/19)

The Sale Boundaries are marked and identified by blue and purple paint. Exterior Sale Boundary lines against private property are marked with blue paint. Exterior Sale Boundary lines against state land are marked with purple paint. The painted boundary line trees are not Included Timber and are to be protected, unless otherwise directed by the Sale Administrator.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut Unit(s) with Unmerchantable Trees (6/14)

Within Payment Unit(s) 1 and 2, cut all trees that are 4.6 inches or more at DBH, except do not cut hemlock, red pine, white pine, cedar, northern red oak, black cherry or American elm.

2.2 - Utilization

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.

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.

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. Please notify the DNR 90 days prior to working on any crossings that will require a 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, or 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. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. 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 if sale is logged with snow on the ground. 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.

4.2 - 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 spring breakup and/or 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. The Sale Administrator reserves the right to halt harvest activities if haul roads are not properly filled and shaped to his/her specifications.

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. Should the Purchaser desire to cross private land, 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

5.2.1.11 - 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.

5.2.2 - 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.

5.2.30 - 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 must be seeded and mulched per Sale Administrator's instructions, by June 30, following harvest completion to allow for re-vegetation before the dry season.

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 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
11-015-25

Date
02/12/2025

| | | |
|------------------------|----------|------------------------------|
| Forest Management Unit | County | Mapped By: Dorvinen |
| Baraga Mgt Unit | Houghton | Cruised By: Dorvinen, Hansen |

| | | |
|----------|------|----|
| Scale | Page | Of |
| 1:15,840 | 1 | 1 |

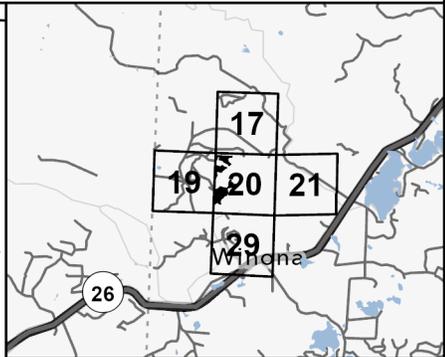
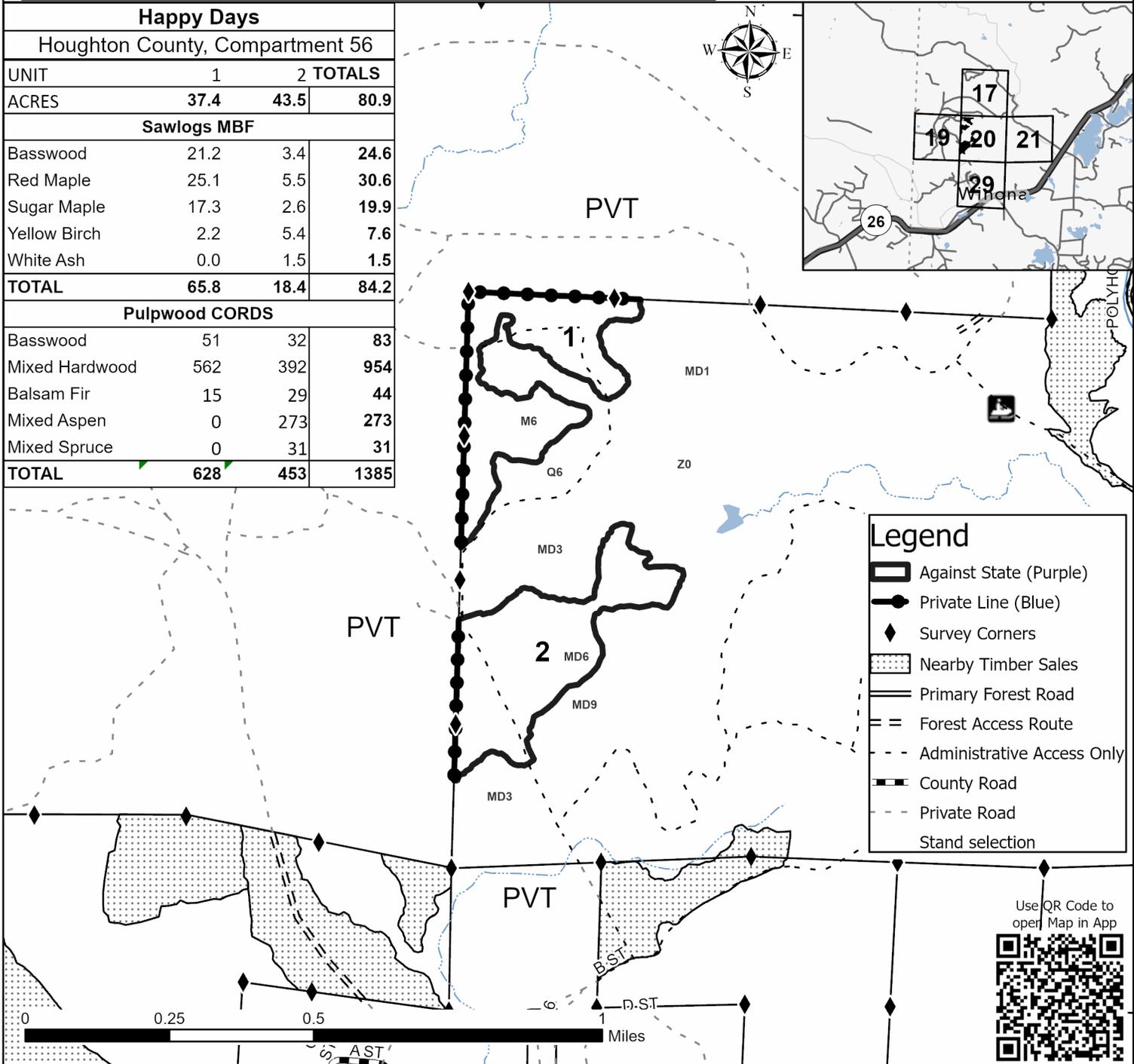
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|----------|-------|-------------------------------|
| Township | Range | Section(s) and Subdivision(s) |
| 52N | 36W | Sec. 20 NW,N1/2SW,SWSW; |

| 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 1:200,000

| Happy Days | | | |
|---------------------------------|-------------|-------------|-------------|
| Houghton County, Compartment 56 | | | |
| UNIT | 1 | 2 | TOTALS |
| ACRES | 37.4 | 43.5 | 80.9 |
| Sawlogs MBF | | | |
| Basswood | 21.2 | 3.4 | 24.6 |
| Red Maple | 25.1 | 5.5 | 30.6 |
| Sugar Maple | 17.3 | 2.6 | 19.9 |
| Yellow Birch | 2.2 | 5.4 | 7.6 |
| White Ash | 0.0 | 1.5 | 1.5 |
| TOTAL | 65.8 | 18.4 | 84.2 |
| Pulpwood CORDS | | | |
| Basswood | 51 | 32 | 83 |
| Mixed Hardwood | 562 | 392 | 954 |
| Balsam Fir | 15 | 29 | 44 |
| Mixed Aspen | 0 | 273 | 273 |
| Mixed Spruce | 0 | 31 | 31 |
| TOTAL | 628 | 453 | 1385 |



| Legend | |
|--------|----------------------------|
| | Against State (Purple) |
| | Private Line (Blue) |
| | Survey Corners |
| | Nearby Timber Sales |
| | Primary Forest Road |
| | Forest Access Route |
| | Administrative Access Only |
| | County Road |
| | Private Road |
| | Stand selection |

