



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7469**

SCHEDULED SALE DATE AND TIME: **3:00 p.m. (local time) on July 16, 2024.**

LOCATION: **NAUBINWAY DNR FIELD OFFICE, PO BOX 287, US 2 W11569, NAUBINWAY, MI 49762.**

CONTACT NAME: Josh Brinks

PHONE NUMBER: (906) 203-0210

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, SAULT STE MARIE MANAGEMENT UNIT, for certain timber on the following described lands:

Right Now Red Pine (45-108-24) / T43N, R09W, SEC. 10, SESW,SE.
T43N, R09W, SEC. 11, W1/2NW,NWNE,W1/2SW.
T43N, R09W, SEC. 15, NENW.

Mackinac County, Advertised Price \$228,277.90, 102.0 Acres, Red Pine, White Pine.

SALE NOTE: 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

Right Now Red Pine (45-108-24)

T43N, R09W, SEC. 10; T43N, R09W, SEC. 11; T43N, R09W, SEC. 15.
Mackinac County (Advertised Price \$228,277.90)

SALE NOTE: 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.

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		
Red Maple	1.6 MBF	\$ 90.00 / MBF
Pulpwood		
Balsam Fir	51 Cords	\$ 11.15 / Cord
Hemlock	5 Cords	\$ 9.35 / Cord
Jack Pine	9 Cords	\$ 31.80 / Cord
Mixed Aspen	35 Cords	\$ 21.05 / Cord
Mixed Hardwood	60 Cords	\$ 12.60 / Cord
Mixed Spruce	3 Cords	\$ 11.55 / Cord
Paper Birch	14 Cords	\$ 7.60 / Cord
Red Pine	2,787 Cords	\$ 77.40 / Cord
White Pine	523 Cords	\$ 18.90 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 23.56 percent. There are an estimated 3,491 cords on this timber sale, plus or minus 823 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 \$11,413.90 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	14.8%
02	19.1%
03	24.4%
04	14.7%
05	9.0%
06	4.1%
07	13.9%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2027.

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
275,787	3,491	23.56%	2,668	4,314

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
21	14,420	183	22.83%	141	224
33	32,780	415	19.31%	335	495
38	113,304	1,434	20.31%	1,143	1,726
54	38,906	492	29.67%	346	639
58	32,674	414	22.90%	319	508
99	43,704	553	31.97%	376	730
TOTAL:	275,787	3,491		2,660	4,322

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
21	13.4	6	13.4
33	18.1	5	16.8
		6	1.3
38	31.2	2	13.7
		3	17.5
54	17.2	4	17.2
58	11.3	7	11.3
99	10.8	1	10.8
TOTAL:	102.0		102.0

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	1.6	MBF	10.8	\$33,832.20
	Balsam Fir	Pulpwood	11	Cords		
	Hemlock		5	Cords		
	Jack Pine		5	Cords		
	Mixed Aspen		32	Cords		
	<i>B. T. Aspen</i>		25	Cords		
	<i>Quaking Aspen</i>		7	Cords		
	Mixed Hardwood		15	Cords		
	<i>Red Maple</i>		10	Cords		
	<i>Sugar Maple</i>		5	Cords		
	Mixed Spruce		2	Cords		
	<i>Black Spruce</i>		2	Cords		
	Paper Birch		12	Cords		
	Red Pine		403	Cords		
	White Pine		63	Cords		
2	Balsam Fir	Pulpwood	5	Cords	13.7	\$43,489.20
	Mixed Aspen		1	Cords		
	<i>B. T. Aspen</i>		1	Cords		
	Mixed Hardwood		14	Cords		
	<i>Beech</i>		4	Cords		
	<i>Red Maple</i>		9	Cords		
	<i>Yellow Birch</i>		1	Cords		
	Red Pine		542	Cords		
	White Pine		68	Cords		
	3	Balsam Fir	Pulpwood	7		
Mixed Aspen			1	Cords		
<i>B. T. Aspen</i>			1	Cords		
Mixed Hardwood			17	Cords		
<i>Beech</i>			4	Cords		
<i>Red Maple</i>			11	Cords		
<i>Yellow Birch</i>			2	Cords		
Red Pine			693	Cords		
White Pine			86	Cords		
4	Balsam Fir	Pulpwood	2	Cords	17.2	\$33,665.20
	Mixed Hardwood		5	Cords		
	<i>Red Maple</i>		5	Cords		
	Red Pine		417	Cords		
	White Pine		69	Cords		
5	Balsam Fir	Pulpwood	16	Cords	16.8	\$20,547.95
	Mixed Hardwood		2	Cords		
	<i>Red Maple</i>		2	Cords		
	Mixed Spruce		1	Cords		
	<i>White Spruce</i>		1	Cords		
	Red Pine		229	Cords		
	White Pine		138	Cords		
6	Balsam Fir	Pulpwood	10	Cords	14.7	\$9,382.65
	Mixed Aspen		1	Cords		
	<i>Quaking Aspen</i>		1	Cords		
	Mixed Hardwood		7	Cords		
	<i>Red Maple</i>		7	Cords		
	Paper Birch		2	Cords		
	Red Pine		94	Cords		
	White Pine		99	Cords		
7	Jack Pine	Pulpwood	4	Cords	11.3	\$31,783.80
	Red Pine		409	Cords		

TOTAL:	1.6	MBF
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TOTAL:	3,487	Cords
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Sale Specific Conditions & Requirements

Sale Name: Right Now Red Pine

Sale Number: 45-108-24 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 red and purple paint, along with a road and railroad tracks. Exterior sale boundary lines against state are marked with red paint, with the exception of the boundaries in Payment Unit 7, which are painted on the west boundary and identified by the road and railroad tracks in the remainder of the Payment Unit. Interior Payment Unit boundaries are marked with purple paint, with the exception of the boundary between Payment Units 2 and 3, which is unpainted and identified by the road. The painted boundary line trees are not Included Timber and are to be protected. Purple 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

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 1-6, cut all trees that are one (1) inch or more at DBH.

2.1.7 - Leave tree marked unit(s) (6/14)

Within Payment Unit(s) 7, cut all red pine trees that are four (4) inches or more at DBH, except do not cut any trees marked with green paint above and below stump height. In addition, within the ~0.5 acre area between the utility line R.O.W and railroad track, cut all trees which meet minimum piece specifications.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit(s) 1-6 shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

2.2.9 - No chipping permitted (12/08)

Within Payment Unit(s) 7, all wood must be removed by whole tree, tree segment, or roundwood. No chipping is permitted.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1-7 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale, chipped, utilized or otherwise removed from the sale.

4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back

from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. These roads must be rendered impassable to cars and trucks. Contact the Sale Administrator for specific details of design and placement.

4.2 - Maintenance

4.2.3 - Road maintenance (8/13)

The following road maintenance is required: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the road must be maintained and graded. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.11 - Slash for reforestation (3/21)

Within Payment Unit(s) 1 - 6, chipping is encouraged as it is the most effective and efficient way to mitigate slash for reforestation. If chipping occurs, products may be produced as roundwood and forwarded to decking areas in final product length, but the tops must be left intact and skidded to the landing for chipping in order to minimize the amount of residual slash. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four (4) inches in diameter is still applicable. (G. C. & R. 2.2).

5.2.1.12 - Slash for prescribed burning (1/05)

To facilitate prescribed burning, slash shall be moved at least 20 feet inside the sale boundary. Slash cannot be piled or placed near residual trees.

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. Den trees shall only be left within Payment Unit 7.

5.2.16 - Equipment recommended (11/18)

It is recommended, but not required, to use a hot-saw during harvest operations. This recommendation is due to the large quantity of maple/aspen saplings and sub-merchantable sticks growing beneath the red pine.

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.

5.2.39 - ORV trail/route protection (4/18)

The Tower Road and Cranberry Lake Road is an ORV trail or route and is shown on the Timber Sale Map. Do not cut trees or damage posts with yellow ORV markers. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline.

5.2.41 - Snowmobile trail protection (9/11)

Tower Road and Cranberry Lake Road are the snowmobile trail #2 and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1st. 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. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. All stumps within 5 feet of the snowmobile trail must be cut at ground level.

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 on-site evaluation and recommendation can be made, if necessary.

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 Tower Road and Cranberry Lake Road 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.

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on snowmobile trail #2 (Tower Road and Cranberry Lake Road) 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.

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Tower Road and Cranberry Lake Road prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. 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
45-108-24

Date
04/10/2024

Forest Management Unit
Sault Ste Marie Mgt Unit

County
Mackinac

Mapped By: Cody Flatt

Cruised By: Cody Flatt

Scale
1:15,840

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Of
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Township 43N Range 09W Section(s) and Subdivision(s) Sec. 10 SESW,SE; Sec. 11 W1/2NW,NWNE,W1/2SW; Sec. 15 NENW;

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

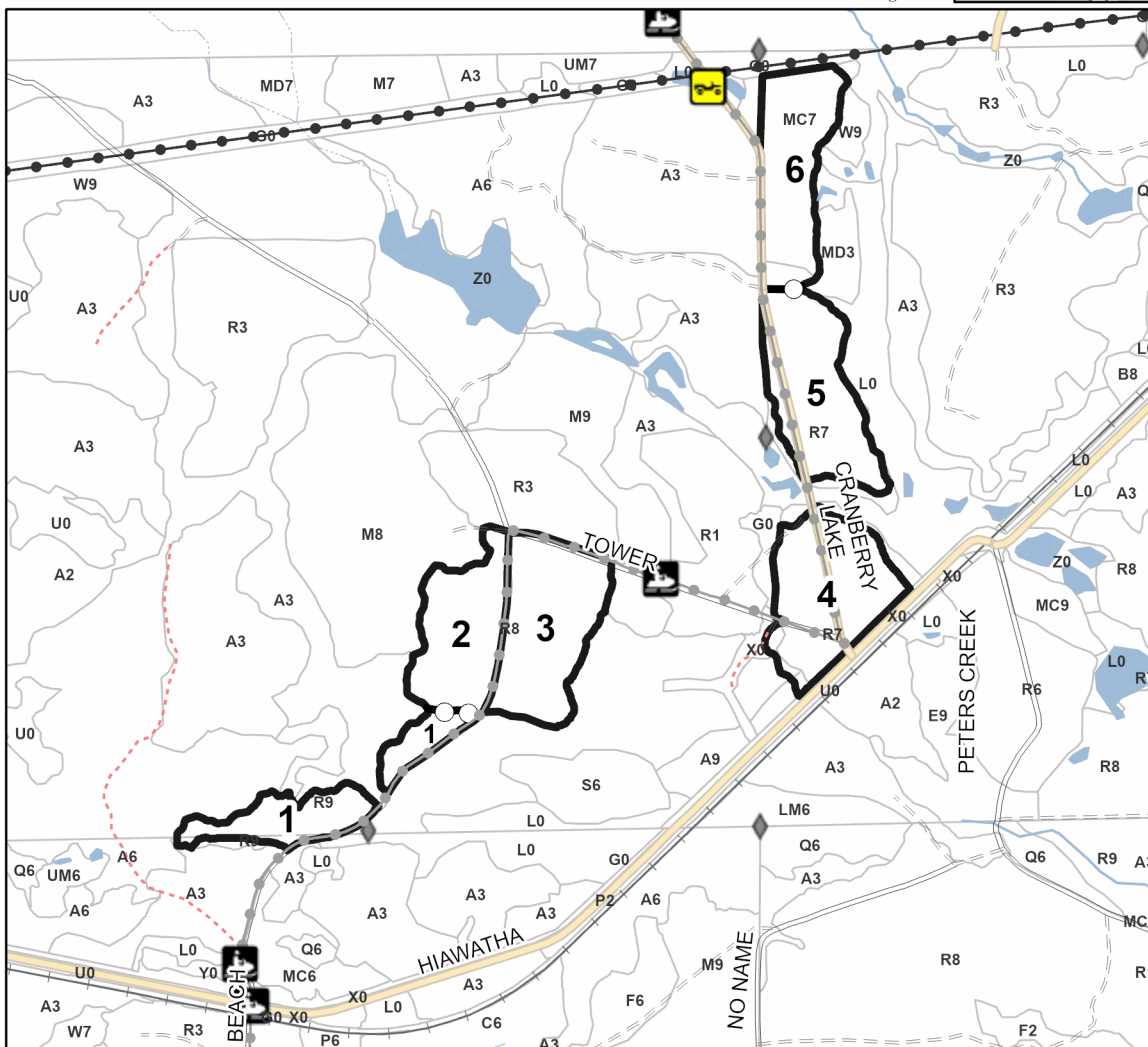
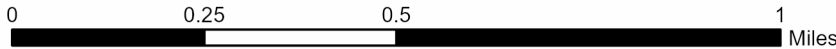
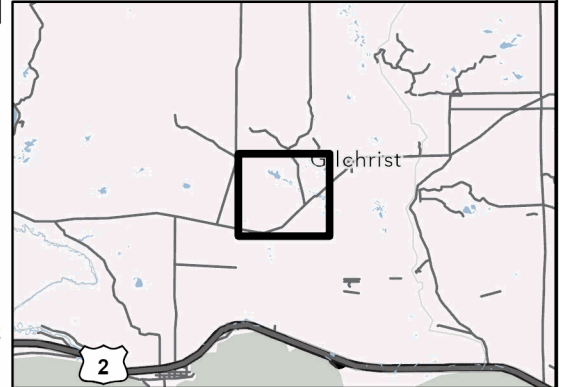
PU #	Acres	PU #	Acres
1	10.8	5	16.8
2	13.7	6	14.7
3	17.5	7	11.3
4	17.2		

Right Now Red Pine

Compartments 171 & 172

102.0 Acres

Locator Map (1:200,000)



Legend

- Against State (Red)
- Payment Unit (Purple)
- Stand
- Recreational Trail
- Secondary Forest Road
- Forest Access Route
- Administrative Access Only
- Non-DNR Road
- Powerline
- Active Railroad
- Snowmobile
- ORV Route
- Field Grade Corner

Use QR Code to open Map in App





TIMBER SALE MAP

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Sale Number
45-108-24

Date
04/10/2024

Forest Management Unit
Sault Ste Marie Mgt Unit

County
Mackinac

Mapped By: Cody Flatt

Cruised By: Cody Flatt

Scale
1:15,840

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Of
2

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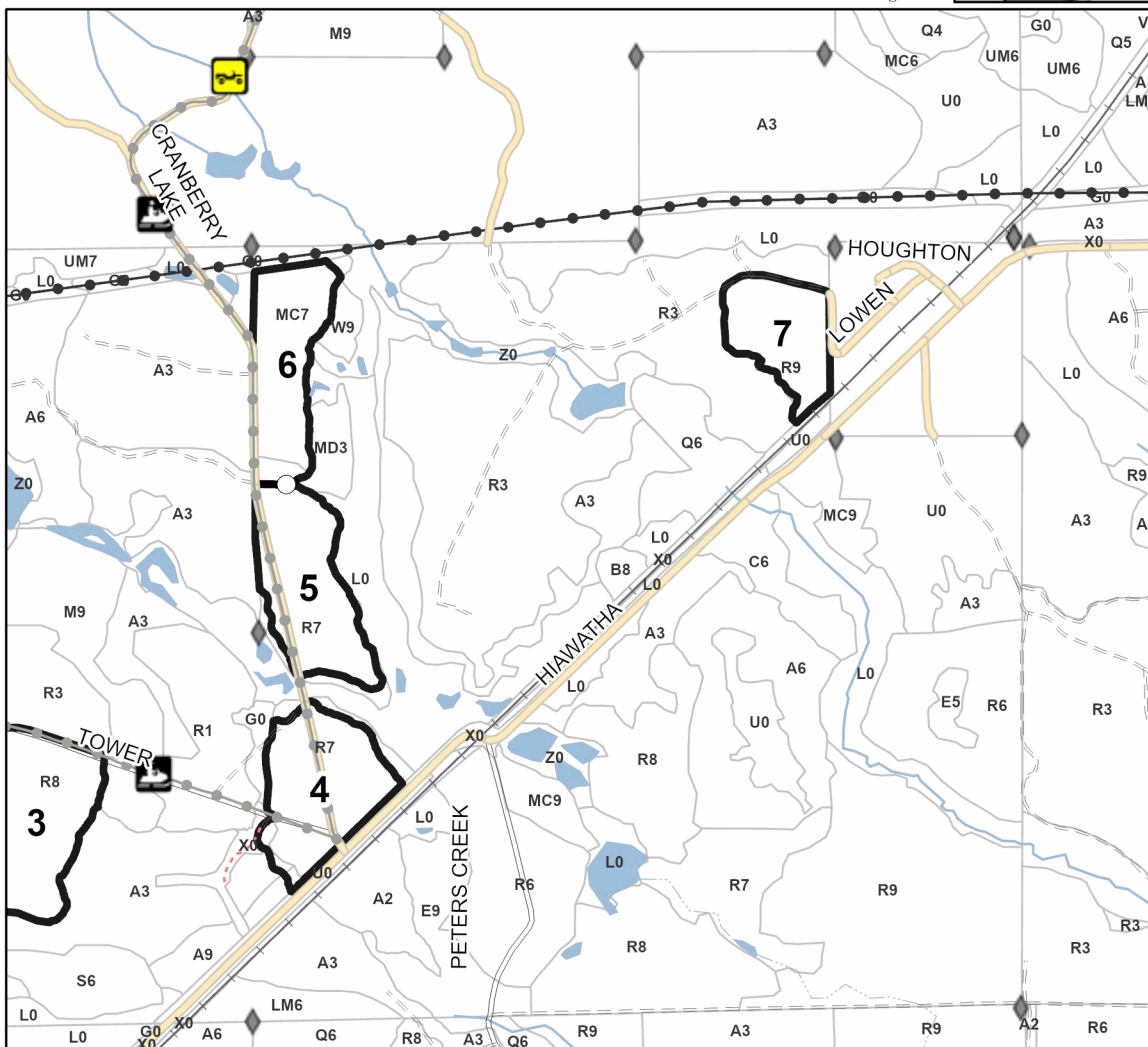
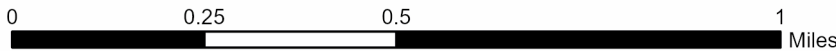
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**Right Now
Red Pine
Compartments 171 & 172
102.0 Acres**

Locator Map (1:200,000)



Legend

- Against State (Red)
- Payment Unit (Purple)
- Stand
- Recreational Trail
- Secondary Forest Road
- Forest Access Route
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