



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7019**

SCHEDULED SALE DATE AND TIME: **3:00 p.m. (local time) on May 26, 2022.**

LOCATION: **NEWBERRY MGMT UNIT, 5666 S STATE HWY M 123, NEWBERRY, MI 49868.**

CONTACT NAME: Keith Magnusson

PHONE NUMBER: (906) 291-0120

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

Reset Pine (42-009-21) / T49N, R12W, SEC. 24, N1/2SW,SESW,SE.

T49N, R12W, SEC. 24, NENW,S1/2NW,N1/2NE,SWNE.

T49N, R12W, SEC. 25, N1/2NE.

Luce County, Advertised Price \$139,537.75, 263.4 Acres, Red Pine, White Pine.

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

Note that red, white, and jack pine MBF converted to pulp within the sale.

The ORV trail or route is shown on the Timber Sale Map. See Sale Spec 5.2.39 for additional information.

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

Reset Pine (42-009-21)

T49N, R12W, SEC. 24; T49N, R12W, SEC. 25.

Luce County (Advertised Price \$139,537.75)

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Note that red, white, and jack pine MBF converted to pulp within the sale.

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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		
Paper Birch	4.2 MBF	\$ 35.00 / MBF
Pulpwood		
B. T. Aspen	62 Cords	\$ 19.95 / Cord
Balsam Fir	7 Cords	\$ 8.50 / Cord
Beech	7 Cords	\$ 10.00 / Cord
Black Spruce	6 Cords	\$ 18.85 / Cord
Jack Pine	326 Cords	\$ 16.25 / Cord
Paper Birch	90 Cords	\$ 9.45 / Cord
Red Maple	29 Cords	\$ 10.00 / Cord
Red Pine	2,833 Cords	\$ 43.20 / Cord
White Pine	686 Cords	\$ 13.00 / Cord
White Spruce	9 Cords	\$ 18.85 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 4.27 percent. There are an estimated 4,317 cords on this timber sale, plus or minus 184 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 \$6,976.89 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	16.0%
02	28.3%
03	5.4%
04	2.3%
05	3.0%
06	2.4%
07	11.1%
08	12.8%
09	18.7%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2025.

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
341,021	4,317	4.27%	4,132	4,501

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
2	127,618	1,615	6.73%	1,507	1,724
9	22,768	288	23.98%	219	357
15	70,076	887	9.23%	805	969
16	120,560	1,526	6.78%	1,423	1,630
TOTAL:	341,021	4,317		3,954	4,680

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
2	56.9	1	20.6
		2	36.3
		3	32.3
9	32.3	4	24.5
		5	31.9
		6	25.5
15	81.9	7	24.0
		8	27.7
		9	40.6
TOTAL:	263.4		263.4

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Pulpwood	499	Cords	20.6	\$22,349.80
	<i>Red Pine</i>	<i>Sawtimber</i>	92.4	<i>MBF</i>		
	<i>Red Pine</i>	<i>Pulpwood</i>	314	<i>Cords</i>		
	White Pine		61	Cords		
	<i>White Pine</i>		61	<i>Cords</i>		
2	Red Pine	Pulpwood	879	Cords	36.3	\$39,389.80
	<i>Red Pine</i>	<i>Sawtimber</i>	162.8	<i>MBF</i>		
	<i>Red Pine</i>	<i>Pulpwood</i>	553	<i>Cords</i>		
	White Pine		109	Cords		
	<i>White Pine</i>		109	<i>Cords</i>		
3	Balsam Fir	Pulpwood	7	Cords	32.3	\$7,587.85
	Beech		7	Cords		
	Black Spruce		6	Cords		
	Jack Pine		57	Cords		
	<i>Jack Pine</i>		57	<i>Cords</i>		
	Red Maple		6	Cords		
	Red Pine		115	Cords		
	<i>Red Pine</i>		115	<i>Cords</i>		
	White Pine		107	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	26.5	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	54	<i>Cords</i>		
4	Paper Birch	Sawtimber	1.3	MBF	24.5	\$3,235.20
	B. T. Aspen	Pulpwood	19	Cords		
	Jack Pine		79	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	5.2	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	69	<i>Cords</i>		
	Paper Birch		23	Cords		
	Red Maple		7	Cords		
	White Pine		91	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	18.6	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	54	<i>Cords</i>		
	White Spruce		3	Cords		
5	Paper Birch	Sawtimber	1.6	MBF	31.9	\$4,179.40
	B. T. Aspen	Pulpwood	24	Cords		
	Jack Pine		104	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	6.9	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	90	<i>Cords</i>		
	Paper Birch		29	Cords		
	Red Maple		9	Cords		
	White Pine		118	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	24.2	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	70	<i>Cords</i>		
	White Spruce		3	Cords		
6	Paper Birch	Sawtimber	1.3	MBF	25.5	\$3,361.65
	B. T. Aspen	Pulpwood	19	Cords		
	Jack Pine		83	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	5.4	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	72	<i>Cords</i>		
	Paper Birch		24	Cords		
	Red Maple		7	Cords		
	White Pine		95	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	19.3	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	56	<i>Cords</i>		
	White Spruce		3	Cords		
7	Jack Pine	Pulpwood	1	Cords	24.0	\$15,438.65

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7 con't	<i>Jack Pine</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	Paper Birch		4	Cords		
	Red Pine		348	Cords		
	<i>Red Pine</i>	<i>Sawtimber</i>	102.2	<i>MBF</i>		
	<i>Red Pine</i>	<i>Pulpwood</i>	144	<i>Cords</i>		
	White Pine		27	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	9.2	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	9	<i>Cords</i>		
8	Jack Pine	Pulpwood	1	Cords	27.7	\$17,879.65
	<i>Jack Pine</i>		1	<i>Cords</i>		
	Paper Birch		4	Cords		
	Red Pine		403	Cords		
	<i>Red Pine</i>	<i>Sawtimber</i>	117.9	<i>MBF</i>		
	<i>Red Pine</i>	<i>Pulpwood</i>	167	<i>Cords</i>		
	White Pine		32	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	10.6	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	11	<i>Cords</i>		
9	Jack Pine	Pulpwood	1	Cords	40.6	\$26,158.95
	<i>Jack Pine</i>		1	<i>Cords</i>		
	Paper Birch		6	Cords		
	Red Pine		590	Cords		
	<i>Red Pine</i>	<i>Sawtimber</i>	172.8	<i>MBF</i>		
	<i>Red Pine</i>	<i>Pulpwood</i>	244	<i>Cords</i>		
	White Pine		46	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	15.5	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	15	<i>Cords</i>		
TOTAL:			4.2	MBF		
TOTAL:			4,056	Cords		

Sale Specific Conditions & Requirements

Sale Name: Reset Pine

Sale Number: 42-009-21 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 yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow 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) 3-6, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition:

- Within Payment Units 3-6 cut all balsam fir and jack pine;
- Within Payment Units 4-6 cut all aspen.

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

Within Payment Unit(s) 1 and 2, cut all trees that are two (2) inches or more at DBH, except trees marked with green paint above and below stump height. In addition, leave all red and white pine over 22" and all oak.

Within Payment Units 7, 8 and 9, cut all trees marked with green paint above and below stump height. Stay out of heavily regenerating pockets of jack and red pine. Leave all red pine over 20". Leave any oak that may exist.

2.1.11 - Description of timber note (2/04)

Note that red, white, and jack pine MBF converted to pulp within the sale.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit(s) 1, 2, and 7-9 shall not exceed 6 inches for all trees. This is to facilitate reforestation operations.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1, 2, and 7-9 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

4.1.4 - Timber removed for construction (12/09)

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 the specified Purchase Unit Price.

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 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. 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. 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.

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 24 inches in height.

5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, Payment Unit(s) 1, 2, and 7-9 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.

5.2.3 - Operating Restrictions

5.2.3.6 - Bark beetle restriction (12/08)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two inches in diameter are removed from the sale area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within fifteen days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4 mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

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 ORV trail or route 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. Do not run equipment down the ORV trail or route. Skidding across the trail or route may only occur in locations approved by the sale administrator.

5.2.41 - Snowmobile trail protection (9/11)

The snowmobile trail 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 15. 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 15. 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. The snowmobile trail may only be crossed at right angles. 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.

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 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 County Road 415 and County Road 433 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 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 Pine Ridge ORV Trail 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 DNR will provide these signs.

7 - Other Conditions

7.3 - Contract Modifications

7.3.3 - Modification for reforestation (8/05)

When contractual work of Purchaser has been accepted for any Payment Unit identified on Sale Area Map, Payment Unit will be eliminated from the Sale Area on written notice so that reforestation operations can begin.

TIMBER SALE MAP

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

Forest Management Unit Newberry		County Luce	Mapped By Kriehn	Date 8/9/2021	Page 1	of 1
			Cruised By Grossman Forestry			
Township 49N	Range 12W	Section(s) and Subdivision(s) Section 25: N1/2NE Section 24: N1/2SW,SESW,SE and NENW,S1/2NW,N1/2NE,SWNE		Scale 1:15,840		

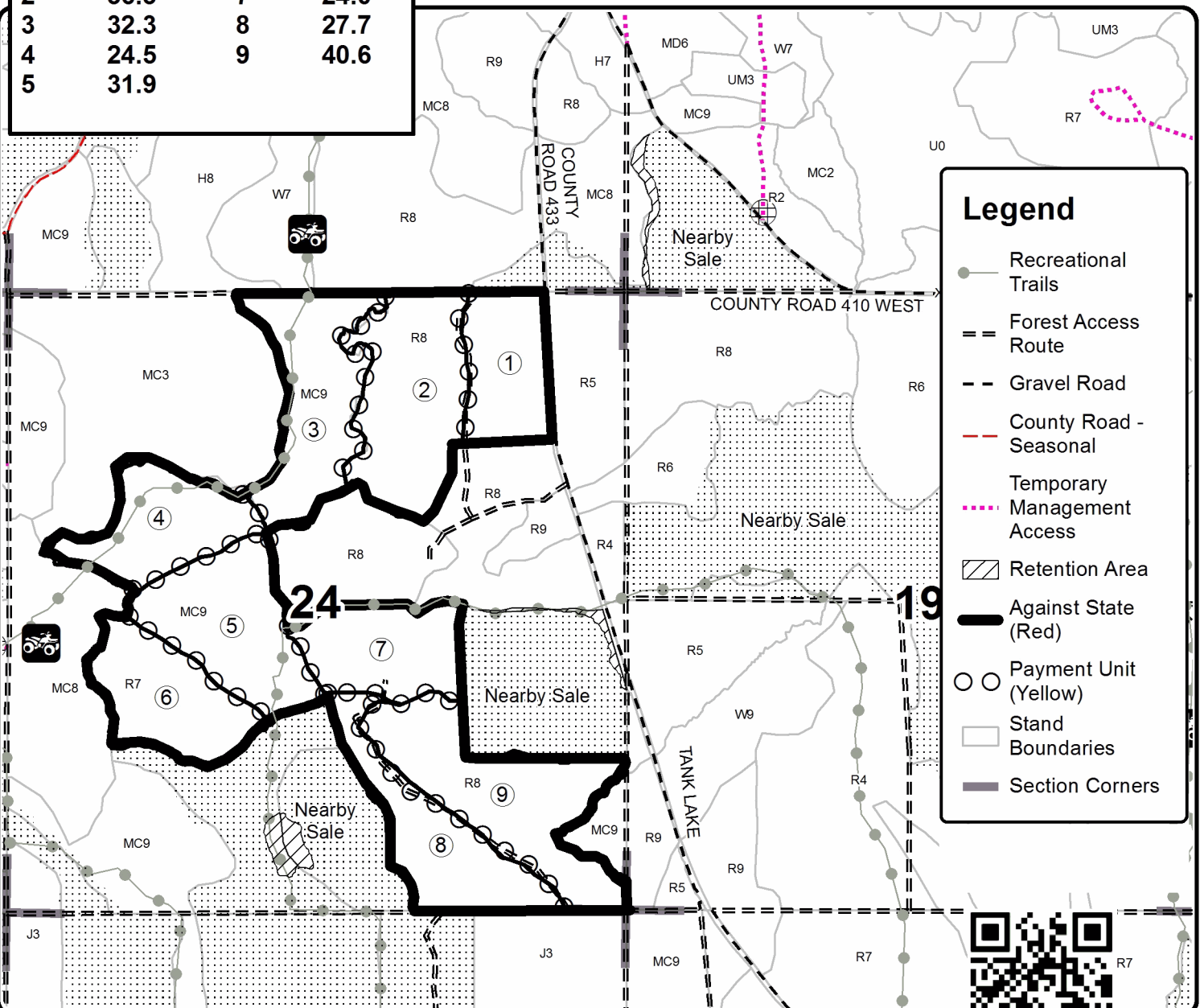
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

<u>PU</u>	<u>Acres</u>	<u>PU</u>	<u>Acres</u>
1	20.6	6	25.5
2	36.3	7	24.0
3	32.3	8	27.7
4	24.5	9	40.6
5	31.9		

Reset Pine

Compartment 8

263.4 Acres



A horizontal number line representing a distance of 1 mile. The line is marked with major tick marks at 0, 0.125, 0.25, 0.5, 0.75, and 1. The segment between 0.25 and 0.5 is shaded gray.