

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN TIMBER SALE PROSPECTUS #7551

SCHEDULED SALE DATE AND TIME: 2:00 p.m. (local time) on January 29, 2025.

LOCATION: SHINGLETON MGMT UNIT, PO BOX 67, M 28 WEST, SHINGLETON, MI 49884.

<u>CONTACT NAME:</u> Robert Burnham <u>PHONE NUMBER:</u> (906) 420-1645

<u>PROSPECTUS NOTE:</u> 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, SHINGLETON MANAGEMENT UNIT, for certain timber on the following described lands:

Red Pine Alley 4 (41-003-24) / T41N, R17W, SEC. 11, NESE.

T41N, R17W, SEC. 12, S1/2NW,NWNE,S1/2NE,SW,SE. T41N, R17W, SEC. 13, N1/2NW,SENW,NE,NESW,SE.

Schoolcraft County, Advertised Price \$503,808.90, 508.9 Acres, Aspen, Red Pine.

SALE NOTE: Road work is required on this sale. See Sale Spec 4.1.8 for details.

The Michigan Department of Transportation (MDOT) must be contacted prior to harvesting timber within the MDOT right-of-way. See Sale Spec 4.3.1 for additional information.

Do not cut or damage dogwood or juneberry. These woody-shrub plants are highly beneficial to various wildlife species.

Snowmobile Trail 7 is shown on the Timber Sale Map. See Sale Spec 5.2.41 for restrictions.

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. Access may be through other public land.

TIMBER SALE INFORMATION

Red Pine Alley 4 (41-003-24)

T41N, R17W, SEC. 11; T41N, R17W, SEC. 12; T41N, R17W, SEC. 13. Schoolcraft County (Advertised Price \$503,808.90)

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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. Access may be through other public 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:

PRODUCTS & SPECIES	ESTIMATE	D UNITS*	<u>ADVI</u>	ERTISED PRICE
Sawtimber				
Black Cherry	3.0	MBF	\$	95.00 / MBF
Paper Birch	6.2	MBF	\$	41.00 / MBF
Red Maple	5.1	MBF	\$	84.00 / MBF
Pulpwood				
Balsam Fir	66	Cords	\$	10.45 / Cord
Jack Pine	61	Cords	\$	38.20 / Cord
Mixed Aspen	3,002	Cords	\$	23.65 / Cord
Mixed Hardwood	618	Cords	\$	17.30 / Cord
Mixed Spruce	24	Cords	\$	12.55 / Cord
Paper Birch	108	Cords	\$	9.20 / Cord
Red Pine	4,555	Cords	\$	90.95 / Cord
White Pine	129	Cords	\$	19.85 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 10.76 percent. There are an estimated 8,597 cords on this timber sale, plus or minus 925 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 \$25,190.45 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

NII NUMBER	PERCENT OF TOTAL SALE VALUE
01	0.8%
02	1.9%
03	2.0%
04	2.3%
05	1.9%
06	2.2%
07	3.1%
08	1.9%
09	0.9%
10	1.5%
11	15.0%
12	10.8%
13	8.2%
14	7.8%
15	13.0%
16	6.8%
17	10.7%
18	4.0%
19	5.2%

- 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 RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
679,124	8,597	10.76%	7,671	9,522

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 II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
1	315,360	3,992	19.40%	3,217	4,766
2	359,215	4,547	11.29%	4,034	5,061
3	4,549	58	57.76%	24	91
TOTAL:	679,124	8,597		7,275	9,918

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
1	192.8	2	20.3
1	192.8	3	22.1
1	192.8	4	25.3
1	192.8	5	20.5
1	192.8	6	24.3
1	192.8	7	33.8
1	192.8	8	21.1
1	192.8	9	9.7
1	192.8	10	15.7
2	315.0	11	57.0
2	315.0	12	42.0
2	315.0	13	31.7
2	315.0	14	30.2
2	315.0	15	50.5
2	315.0	16	26.5
2	315.0	17	41.4
2	315.0	18	15.5
2	315.0	19	20.2
3	1.1	1	1.1
TOTAL:	4,571.3		508.9

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Pulpwood	40	Cords	1.1	\$3,975.45
	White Pine		17	Cords		
2	Black Cherry	Sawtimber	0.3	MBF	20.3	\$9,442.80
	Paper Birch		0.7	MBF		
	Red Maple		0.5	MBF		
	Balsam Fir	Pulpwood	7	Cords		
	Jack Pine		6	Cords		
	Mixed Aspen		315	Cords		
	B. T. Aspen		267	Cords		
	Quaking Aspen		48	Cords		
	Mixed Hardwood		65	Cords		
	Black Cherry		11	Cords		
	Red Maple		54	Cords		
	Mixed Spruce		2	Cords		
	Black Spruce		2	Cords		
	Paper Birch		11	Cords		
	Red Pine		2	Cords		
	White Pine		8	Cords		
,		Sawtimber		MBF	22.1	¢40.075.05
3	Black Cherry	Sawumber	0.3	1	22.1	\$10,275.05
	Paper Birch		0.7	MBF		
	Red Maple		0.6	MBF		
	Balsam Fir	Pulpwood	8	Cords		
	Jack Pine		7	Cords		
	Mixed Aspen		343	Cords		
	B. T. Aspen		291	Cords		
	Quaking Aspen		52	Cords		
	Mixed Hardwood		71	Cords		
	Black Cherry		12	Cords		
	Red Maple		59	Cords		
	Mixed Spruce		2	Cords		
	Black Spruce		2	Cords		
	Paper Birch		12	Cords		
	Red Pine		2	Cords		
	White Pine		8	Cords		
4	Black Cherry	Sawtimber	0.4	MBF	25.3	\$11,760.75
	Paper Birch		0.8	MBF		
	Red Maple		0.7	MBF		
	Balsam Fir	Pulpwood	9	Cords		
	Jack Pine		8	Cords		
	Mixed Aspen		392	Cords		
	B. T. Aspen		333	Cords		
	Quaking Aspen		59	Cords		
	Mixed Hardwood		81	Cords		
	Black Cherry		13	Cords		
	Red Maple		68	Cords		
	Mixed Spruce		4	Cords		
	Black Spruce		3	Cords		
	White Spruce		1	Cords		
	Paper Birch		14	Cords		
	Red Pine		2	Cords		
	White Pine		10	Cords		
<u> </u>		Courtimbor			20.5	<u></u>
5	Black Cherry	Sawtimber	0.3	MBF	20.5	\$9,531.05
	Paper Birch		0.7	MBF		
	Red Maple	Dulmare - d	0.5	MBF		
	Balsam Fir	Pulpwood	7	Cords	l	

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	Jack Pine	Pulpwood	6	Cords		
	Mixed Aspen	•	318	Cords		
	B. T. Aspen		270	Cords		
	Quaking Aspen		48	Cords		
	Mixed Hardwood		66	Cords		
	Black Cherry		11	Cords		
	Red Maple		55	Cords		
	Mixed Spruce		2	Cords		
	Black Spruce		2	Cords		
	Paper Birch		11	Cords		
	Red Pine		2	Cords		
	White Pine		8	Cords		
6	Black Cherry	Sawtimber	0.4	MBF	24.3	\$11,315.40
-	Paper Birch		0.8	MBF		, , ,
	Red Maple		0.6	MBF		
	Balsam Fir	Pulpwood	8	Cords		
	Jack Pine		8	Cords		
	Mixed Aspen		377	Cords		
	B. T. Aspen		320	Cords		
	Quaking Aspen		57	Cords		
	Mixed Hardwood		78	Cords		
	Black Cherry		13	Cords		
	Red Maple		65	Cords		
	Mixed Spruce		4	Cords		
	Black Spruce		3	Cords		
	White Spruce		1	Cords		
	Paper Birch		14	Cords		
	Red Pine		2	Cords		
	White Pine		9	Cords		
7	Black Cherry	Sawtimber	0.6	MBF	33.8	\$15,704.20
•	Paper Birch	Cawaniboi	1.0	MBF	00.0	ψ10,701.20
	Red Maple		0.9	MBF		
	Balsam Fir	Pulpwood	12	Cords		
	Jack Pine	i uipwood	11	Cords		
	Mixed Aspen		521	Cords		
	B. T. Aspen		442	Cords		
	Quaking Aspen		79	Cords		
	Mixed Hardwood		109	Cords		
	Black Cherry		18	Cords		
	Red Maple		91	Cords		
	Mixed Spruce		5	Cords		
	Black Spruce		3	Cords		
	l					
	White Spruce		2	Cords		
	Paper Birch Red Pine		20 3	Cords		
			_	Cords		
_	White Pine	0 " 1	13	Cords	0.1.1	***
8	Black Cherry	Sawtimber	0.3	MBF	21.1	\$9,817.00
	Paper Birch		0.7	MBF		
	Red Maple	<u>.</u> .	0.6	MBF		
	Balsam Fir	Pulpwood	7	Cords		
	Jack Pine		7	Cords		
	Mixed Aspen		327	Cords		
	B. T. Aspen		278	Cords		
	Quaking Aspen		49	Cords		
	Mixed Hardwood		67	Cords	I	

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
8 con't	Black Cherry	Pulpwood	11	Cords		
	Red Maple		56	Cords		
	Mixed Spruce		2	Cords		
	Black Spruce		2	Cords		
	Paper Birch		12	Cords		
	Red Pine		2	Cords		
	White Pine		8	Cords		
9	Black Cherry	Sawtimber	0.2	MBF	9.7	\$4,538.80
	Paper Birch		0.3	MBF		
	Red Maple		0.3	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Jack Pine		3	Cords		
	Mixed Aspen		151	Cords		
	B. T. Aspen		128	Cords		
	Quaking Aspen		23	Cords		
	Mixed Hardwood		31	Cords		
	Black Cherry		5	Cords		
	Red Maple		26	Cords		
	Mixed Spruce		1	Cords		
	Black Spruce		1	Cords		
	Paper Birch		5	Cords		
	Red Pine		1	Cords		
	White Pine		4	Cords		
10	Black Cherry	Sawtimber	0.2	MBF	15.7	\$7,360.8
	Paper Birch		0.5	MBF		
	Red Maple		0.4	MBF		
	Balsam Fir	Pulpwood	5	Cords		
	Jack Pine		5	Cords		
	Mixed Aspen		244	Cords		
	B. T. Aspen		207	Cords		
	Quaking Aspen		37	Cords		
	Mixed Hardwood		50	Cords		
	Black Cherry		8	Cords		
	Red Maple		42	Cords		
	Mixed Spruce		2	Cords		
	Black Spruce		2	Cords		
	Paper Birch		9	Cords		
	Red Pine		2	Cords		
	White Pine		6	Cords		
11	Mixed Aspen	Pulpwood	3	Cords	57.0	\$74,425.10
	Quaking Aspen	. dipwood	3	Cords	57.0	Ψ, τ,τ20. Ν
	Red Pine		816	Cords		
	White Pine		7	Cords		
12		Dulpwood	2		42.0	ΦΕΛ 60E 00
12	Mixed Aspen	Pulpwood		Cords	42.0	\$54,625.60
	Quaking Aspen		500	Cords		
	Red Pine		599 5	Cords		
40	White Pine	D. J	5	Cords	0.1 =	** *** *** ***
13	Mixed Aspen	Pulpwood	1	Cords	31.7	\$41,212.4
	Quaking Aspen		1	Cords		
	Red Pine		452	Cords		
	White Pine		4	Cords		
14	Mixed Aspen	Pulpwood	1	Cords	30.2	\$39,302.50
	Quaking Aspen		1	Cords		
	Red Pine		431	Cords		
	White Pine		4	Cords	l	

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

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PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
15	Mixed Aspen	Pulpwood	2	Cords	50.5	\$65,741.35
	Quaking Aspen		2	Cords		
	Red Pine		721	Cords		
	White Pine		6	Cords		
16	Mixed Aspen	Pulpwood	1	Cords	26.5	\$34,462.30
	Quaking Aspen		1	Cords		
	Red Pine		378	Cords		
	White Pine		3	Cords		
17	Mixed Aspen	Pulpwood	2	Cords	41.4	\$53,898.00
	Quaking Aspen		2	Cords		
	Red Pine		591	Cords		
	White Pine		5	Cords		
18	Mixed Aspen	Pulpwood	1	Cords	15.5	\$20,163.30
	Quaking Aspen		1	Cords		
	Red Pine		221	Cords		
	White Pine		2	Cords		
19	Mixed Aspen	Pulpwood	1	Cords	20.2	\$26,256.95
	Quaking Aspen		1	Cords		
	Red Pine		288	Cords		
	White Pine		2	Cords		
		TOTAL:	14.3	MBF		
		TOTAL:	8,563	Cords		

Sale Specific Conditions & Requirements

Sale Name: Red Pine Alley 4 Sale Number: 41-003-24 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 blue, red and yellow 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 yellow paint. 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

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

Within Payment Unit(s) 1-10, cut all hardwood trees that are two (2) inches or more at DBH, except do not cut oak. In addition, cut all conifer trees that are four (4) inches or more at DBH except do not cut hemlock. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

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

Within Payment Unit(s) 11-19, 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 (4/07)

Stump heights within Payment Unit(s) 11-19 shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH. This is to facilitate future planting operations.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) with a value greater than 20,000 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.

3.4 - Damaged Timber

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are hemlock. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$100 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

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.

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, 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. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. 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: 500 cubic yards of breaker run (3" minus) gravel must be purchased, hauled and spread on haul routes. Specific gravel areas will be determined at the pre-sale meeting. All road work must be completed before hauling begins unless approved by the Unit Manager. All work is at the Purchaser's expense and no deductions will be given.

4.2 - Maintenance

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.

4.3 - Public Right-of-Way

4.3.1 - MDOT R-O-W (11/14)

The Michigan Department of Transportation (MDOT) must be contacted prior to harvesting timber within the MDOT right-of-way. All work must be performed according to specific MDOT permit. Permit will be obtained by the DNR. Purchaser must contact Unit Manager or their representative immediately once contract is awarded to start the permit process.

5 - Operations

5.2 - Conduct of Operations

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.

5.2.4 - Dead and Down Creation

5.2.4.4 - Dead and down creation, grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 1-10, leave a minimum of one, 8-inch diameter tree per acre. These trees are to be cut 4 feet above the ground, and the tree is to be left where it falls adjacent to the stump. These trees will be evenly scattered throughout the Payment Unit, preferably at least 100 feet from any roads, two-tracks, or trails open to vehicles.

5.2.29 - Shrub protection (1/20)

Do not cut or damage dogwood or juneberry. These woody-shrub plants are highly beneficial to various wildlife species.

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)

Snowmobile Trail 7 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 for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. Unless approved by the Unit Manager the snowmobile trail may not be used for any timber sale operations from December 1 to March 31. It can be crossed at right angles. All crossings must be signed and free of brush. All stumps within 20 feet of the snowmobile trail must be cut at ground level.

5.8 - Protection of Endangered Species

5.8.3 - Red shoulder hawk or goshawk (1) (2/16)

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

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Trail 7 prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted approximately 350 feet 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.

Section Name: Sale Specific Current as of 11/19/2024 9:58:13AM

Forest Management Unit

Shingleton Mgt Unit

Michigan Department of Natural Resources - Forest Resources Division

TIMBER SA

This information provided by authority of

SALE MAP y of Part 525, 1994 PA 451, as amended.	41-003-24	11/19/	2024
Mapped By: Petrelius	Scale	Page	Of
Cruised By: Petrelius	1:20,000	1	1

Township 41N

G0

Section(s) and Range 17W

County

Schoolcraft

Subdivision(s) Sec. 11 NESE; Sec. 12 S1/2NW,NWNE,S1/2NE,SW,SE; Sec. 13 N1/2NW,SENW,NE,NESW,SE;

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						
0 0.3	0.6		1.2				
			Miles				



Sale Number

- 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
 - 9 = Saw Timber Well = Pole Timber Poor



Red Pine Alley 4 508.9 Acres

Date

PU #	Acres	PU#	Acres
1	1.1	11	57
2	20.3	12	41.9
3	22.1	13	31.7
4	25.3	14	30.2
5	20.5	15	50.5
6	24.3	16	26.5
7	33.8	17	41.4
8	21.1	18	15.5
9	9.7	19	20.2
10	15.7		

H9 A6 C6 M9 Н9 E9 A3 U0 A6 17 М9 M9 16 UO G0 R9 15 R9 R9 18 10 19 U0 14 A4 13 R9 R6 R9 Α5 A3 MD9 Ω5 Α3 C6 А3 Q3 L0 A3 G0 Α3 J3 G0 A6 A6 J3 GO Q6/20 J3 А3 U0 J3

Legend

- Against State (Red)
- Stand
- Retention Areas
- Recreational Trail
- Highway
- Primary Forest Road
 - Secondary Forest Road
- Forest Access Route
- Administrative Access Only
- Non-DNR Road
- Field Grade Corner
- Survey Grade Corner
- MIRIS Section Corner

Use QR Code to open Map in App

