



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7493**

SCHEDULED SALE DATE AND TIME: **10:00 a.m. (local time) on October 7, 2024.**

LOCATION: **SAULT DNR CUSTOMER SERVICE CENTER, 4131 S. M-129, SAULT STE MARIE, MI 49783.**

CONTACT NAME: Kenny Fanelli

PHONE NUMBER: (906) 287-1380

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:

Bald Ridge and a Fridge Mix (45-004-24) / T44N, R01W, SEC. 17, S1/2NE.

T44N, R01W, SEC. 18, NWSE,S1/2SE.

T44N, R01W, SEC. 19, N1/2NE.

T44N, R01W, SEC. 20, NW,S1/2NE.

T44N, R01W, SEC. 21, S1/2NW,S1/2NE,NESE.

Chippewa County, Advertised Price \$37,026.05, 187.8 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: Sale needs frozen or dry conditions to access many units. Mats may be required.

Access through private property.

Access may be through private land.

TIMBER SALE INFORMATION

Bald Ridge and a Fridge Mix (45-004-24)

T44N, R01W, SEC. 17; T44N, R01W, SEC. 18; T44N, R01W, SEC. 19; T44N, R01W, SEC. 20; T44N, R01W, SEC. 21.
Chippewa County (Advertised Price \$37,026.05)

SALE NOTE: Sale needs frozen or dry conditions to access many units. Mats may be required. Access through private property.

Access may be through private 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	ESTIMATED UNITS*	ADVERTISED PRICE
Sawtimber		
Red Maple	3.2 MBF	\$ 95.00 / MBF
Pulpwood		
Balsam Fir	142 Cords	\$ 11.50 / Cord
Mixed Aspen	454 Cords	\$ 15.15 / Cord
Mixed Hardwood	731 Cords	\$ 13.00 / Cord
Mixed Spruce	1,400 Cords	\$ 13.10 / Cord
Tamarack	223 Cords	\$ 1.65 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 9.40 percent. There are an estimated 2,955 cords on this timber sale, plus or minus 278 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 \$2,962.08 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	13.6%
02	4.9%
03	7.5%
04	8.4%
05	13.4%
06	12.4%
07	6.9%
08	13.4%
09	19.5%
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
233,422	2,955	9.40%	2,677	3,232

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
15	58,046	735	18.13%	602	868
20	10,666	135	51.78%	65	205
29	20,267	257	25.13%	192	321
35	74,271	940	17.17%	779	1,102
42	28,204	357	27.40%	259	455
83	41,967	531	24.23%	403	660
TOTAL:	233,422	2,955		2,299	3,610

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
15	43.6	1	27.6
		2	9.8
		3	6.2
20	6.1	3	6.1
29	16.5	4	16.5
35	68.5	5	28.1
		6	25.9
		7	14.5
		8	21.8
42	21.8	8	21.8
83	31.3	9	31.3
TOTAL:	187.8		187.8

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	1.2	MBF	27.6	\$5,039.50
	Balsam Fir	Pulpwood	1	Cords		
	Mixed Aspen		6	Cords		
	<i>Quaking Aspen</i>		6	Cords		
	Mixed Hardwood		55	Cords		
	<i>Paper Birch</i>		16	Cords		
	<i>Red Maple</i>		39	Cords		
	Mixed Spruce		301	Cords		
	<i>Black Spruce</i>		298	Cords		
	<i>White Spruce</i>		3	Cords		
	Tamarack		100	Cords		
2	Red Maple	Sawtimber	0.5	MBF	9.8	\$1,797.25
	Mixed Aspen	Pulpwood	2	Cords		
	<i>Quaking Aspen</i>		2	Cords		
	Mixed Hardwood		20	Cords		
	<i>Paper Birch</i>		6	Cords		
	<i>Red Maple</i>		14	Cords		
	Mixed Spruce		107	Cords		
	<i>Black Spruce</i>		106	Cords		
	<i>White Spruce</i>		1	Cords		
	Tamarack		35	Cords		
3	Red Maple	Sawtimber	0.3	MBF	12.3	\$2,782.75
	Mixed Aspen	Pulpwood	1	Cords		
	<i>Quaking Aspen</i>		1	Cords		
	Mixed Hardwood		123	Cords		
	<i>Paper Birch</i>	Sawtimber	1.0	MBF		
	<i>Paper Birch</i>	Pulpwood	16	Cords		
	<i>Red Maple</i>		105	Cords		
	Mixed Spruce		83	Cords		
	<i>Black Spruce</i>		82	Cords		
	<i>White Spruce</i>		1	Cords		
	Tamarack		32	Cords		
4	Red Maple	Sawtimber	1.2	MBF	16.5	\$3,105.25
	Balsam Fir	Pulpwood	28	Cords		
	Mixed Aspen		22	Cords		
	<i>B. T. Aspen</i>		13	Cords		
	<i>Quaking Aspen</i>		9	Cords		
	Mixed Hardwood		142	Cords		
	<i>Paper Birch</i>		4	Cords		
	<i>Red Maple</i>		138	Cords		
	Mixed Spruce		34	Cords		
	<i>White Spruce</i>		34	Cords		
	Tamarack		27	Cords		
5	Balsam Fir	Pulpwood	8	Cords	28.1	\$4,967.35
	Mixed Aspen		14	Cords		
	<i>B. T. Aspen</i>		5	Cords		
	<i>Quaking Aspen</i>		9	Cords		
	Mixed Hardwood		21	Cords		
	<i>Paper Birch</i>		6	Cords		
	<i>Red Maple</i>		15	Cords		
	Mixed Spruce		334	Cords		
	<i>Black Spruce</i>		334	Cords		
	Tamarack		9	Cords		
6	Balsam Fir	Pulpwood	7	Cords	25.9	\$4,587.10
	Mixed Aspen		13	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	<i>B. T. Aspen</i>	<i>Pulpwood</i>	5	<i>Cords</i>		
	<i>Quaking Aspen</i>		8	<i>Cords</i>		
	Mixed Hardwood		20	<i>Cords</i>		
	<i>Paper Birch</i>		6	<i>Cords</i>		
	<i>Red Maple</i>		14	<i>Cords</i>		
	Mixed Spruce		308	<i>Cords</i>		
	<i>Black Spruce</i>		308	<i>Cords</i>		
	Tamarack		9	<i>Cords</i>		
7	Balsam Fir	Pulpwood	4	Cords	14.5	\$2,556.50
	Mixed Aspen		7	Cords		
	<i>B. T. Aspen</i>		3	<i>Cords</i>		
	<i>Quaking Aspen</i>		4	<i>Cords</i>		
	Mixed Hardwood		11	Cords		
	<i>Paper Birch</i>		3	<i>Cords</i>		
	<i>Red Maple</i>		8	<i>Cords</i>		
	Mixed Spruce		172	Cords		
	<i>Black Spruce</i>		172	<i>Cords</i>		
	Tamarack		5	Cords		
8	Balsam Fir	Pulpwood	40	Cords	21.8	\$4,951.25
	Mixed Aspen		203	Cords		
	<i>B. T. Aspen</i>		35	<i>Cords</i>		
	<i>Balsam Poplar</i>		22	<i>Cords</i>		
	<i>Quaking Aspen</i>		146	<i>Cords</i>		
	Mixed Hardwood		89	Cords		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Paper Birch</i>		5	<i>Cords</i>		
	<i>Red Maple</i>		82	<i>Cords</i>		
	Mixed Spruce		19	Cords		
	<i>Black Spruce</i>		16	<i>Cords</i>		
	<i>White Spruce</i>		3	<i>Cords</i>		
	Tamarack		6	Cords		
9	Balsam Fir	Pulpwood	54	Cords	31.3	\$7,239.10
	Mixed Aspen		186	Cords		
	<i>B. T. Aspen</i>		23	<i>Cords</i>		
	<i>Balsam Poplar</i>		11	<i>Cords</i>		
	<i>Quaking Aspen</i>		152	<i>Cords</i>		
	Mixed Hardwood		250	Cords		
	<i>Paper Birch</i>		23	<i>Cords</i>		
	<i>Red Maple</i>		227	<i>Cords</i>		
	Mixed Spruce		42	Cords		
	<i>Black Spruce</i>		20	<i>Cords</i>		
	<i>White Spruce</i>		22	<i>Cords</i>		
	TOTAL:			3.2		
TOTAL:			2,950	Cords		

Sale Specific Conditions & Requirements

Sale Name: Bald Ridge and a Fridge Mix

Sale Number: 45-004-24 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. 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. 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) 1-9, cut all trees that are two (2) inches or more at DBH, except red pine, white pine, and cedar. In addition, do not cut any green marked trees in Payment Unit 3.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1-9 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

4.1.3 - 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 double earthen berms at strategic locations. Stumps and brush must be placed along the remainder of the trail. 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.

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary highway and stream crossing permits that may be required.

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 wet weather conditions.

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. Should the Purchaser desire to cross private land, a copy of the written permission from the private landowner may be required by the DNR. In addition, it is the responsibility of the Purchaser to obtain permission for the DNR to cross private land in order to administer this contract.

4.4.2 - Alternate route on private property (2/04)

It is the Purchaser's responsibility to obtain access across private land for any routes other than the route shown on the Timber Sale Map.

4.4.3 - Access gate (12/08)

The access gate must be locked at all times. This is to prevent someone other than the Purchaser from going through the gate and being locked in.

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.

5.2.2 - 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.

5.2.4 - Dead and Down Creation

5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

5.2.17 - Timber Mats and Interlocking Composite Mats (5/23)

Some roads or skid trails may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. The approximate locations where mats may be needed are indicated on the timber sale map. If available, mats may be borrowed from the DNR. A Timber Sale Contract Amendment will be used to document the Purchaser's use of the DNR's mats. Contact the Sale Administrator regarding availability and pick-up. Timber mats are available from various field offices. Composite mats are only available from the Grayling field office and the Marquette ICC. The Purchaser is responsible for picking up and hauling the mats to and from the site. The composite mats will require DNR staff onsite for installation and removal. Contact the Sale Administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$700.00 per timber mat and \$2,000.00 per composite mat will be assessed

for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants. Damage for the composite mats is defined as cracked or broken mats.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 1-9, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because of wet ground conditions within the Sale Area and along sale access routes.

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.

5.2.37 - No decking areas (12/08)

No decking is allowed within 50 feet of Pealine Road without permission of the Chippewa County Road Commission.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

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 all forest roads 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.

7 - Other Conditions

7.5 - Loss

7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from spruce budworm and windthrow. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.



TIMBER SALE MAP

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

Sale Number 45-004-24	Date 06/18/2024	
Scale 1:15,840	Page 1	Of 2

Forest Management Unit Sault Ste Marie Mgt Unit	County Chippewa	Mapped By: Fanelli Cruised By: Fanelli
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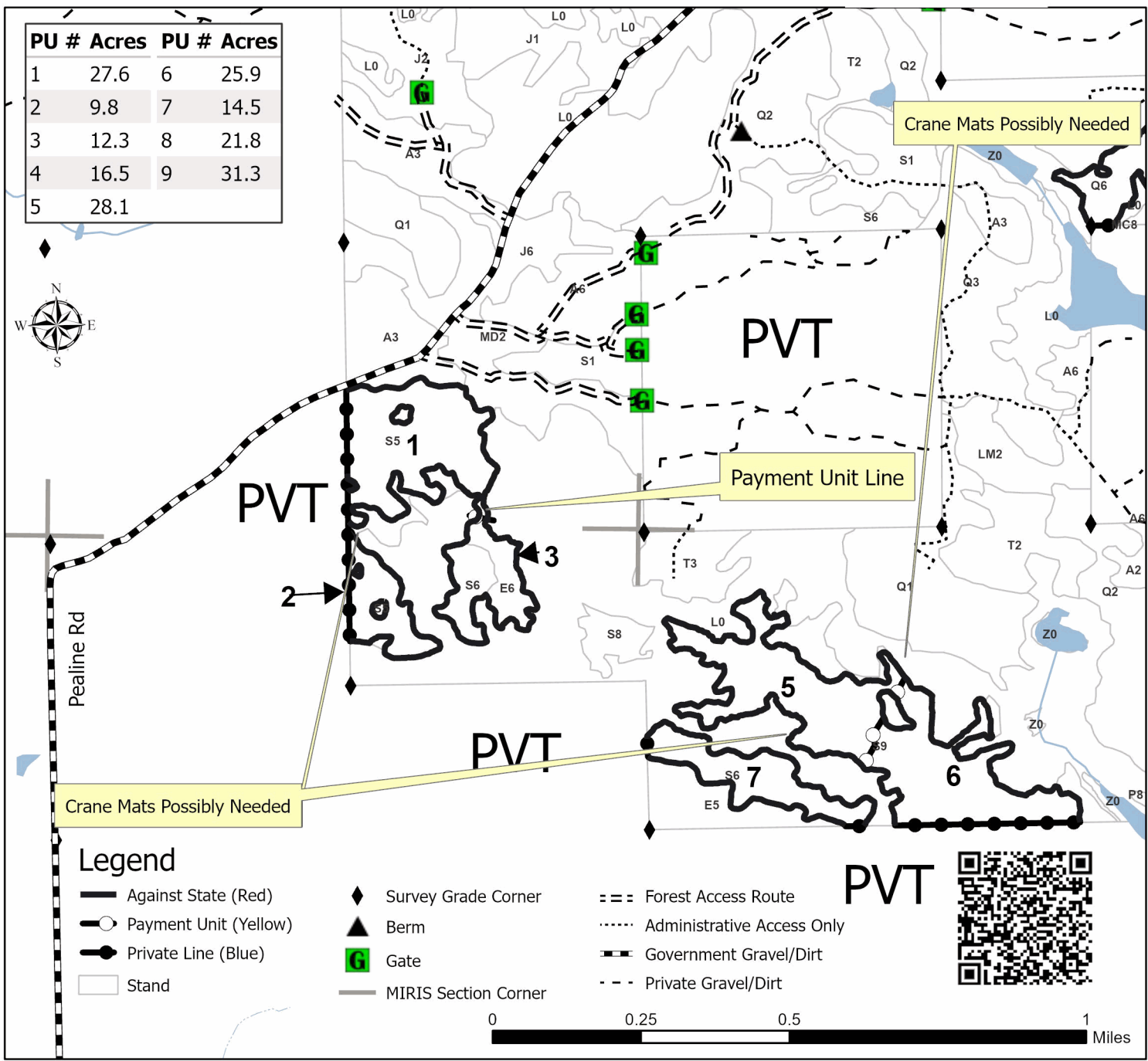
Township 44N	Range 01W	Section(s) and Subdivision(s) Sec. 17 S1/2NE; Sec. 18 NWSE,S1/2SE; Sec. 19 N1/2NE; Sec. 20 NW,S1/2NE; Sec. 21 S1/2NW,S1/2NE,NESE;
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Cover Type			
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland 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

Bald Ridge and a Fridge Mix

187.8 Acres





TIMBER SALE MAP

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

Sale Number 45-004-24	Date 06/18/2024	
Scale 1:15,840	Page 2	Of 2

Forest Management Unit Sault Ste Marie Mgt Unit	County Chippewa	Mapped By: Fanelli Cruised By: Fanelli
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Township 44N	Range 01W	Section(s) and Subdivision(s) Sec. 17 S1/2NE; Sec. 18 NWSE,S1/2SE; Sec. 19 N1/2NE; Sec. 20 NW,S1/2NE; Sec. 21 S1/2NW,S1/2NE,NESE;
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