



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7106**

**SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on September 19, 2022.**

**LOCATION: SAULT STE MARIE MGMT UNIT, P.O. BOX 798, 4131 S. M-129, SAULT STE MARIE, MI 49783.**

**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:

**D.I. Rocky Route (45-005-22) / T41N, R07E, SEC. 6 , E1/2NW,N1/2NE,NESW.  
T42N, R07E, SEC. 31, S1/2NW,E1/2SW,S1/2SE.**

Chippewa County, Advertised Price \$10,911.45, 98.1 Acres, Aspen, Hardwood.

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

Drummond Island sale along ORV Route. Road work necessary.

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

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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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Maple	1.8 MBF	\$ 35.00 / MBF
Sugar Maple	34.7 MBF	\$ 78.00 / MBF
Pulpwood		
Balsam Fir	83 Cords	\$ 2.50 / Cord
Mixed Aspen	1,251 Cords	\$ 4.65 / Cord
Mixed Hardwood	584 Cords	\$ 3.55 / Cord
White Spruce	11 Cords	\$ 4.00 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 15.03 percent. There are an estimated 1,973 cords on this timber sale, plus or minus 297 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 \$872.92 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	84.7%
02	15.3%
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
155,863	1,973	15.03%	1,676	2,270

## 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
2	58,344	739	28.73%	526	951
42	79,451	1,006	21.14%	793	1,218
52	18,068	229	24.59%	172	285
<b>TOTAL:</b>	<b>155,863</b>	<b>1,973</b>		<b>1,492</b>	<b>2,454</b>

## 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	30.2	1	30.2
42	53.6	1	53.6
52	14.3	2	14.3
<b>TOTAL:</b>	<b>98.1</b>		<b>98.1</b>

## DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	1.8	MBF	83.8	\$9,239.00
	Sugar Maple		22.1	MBF		
	Balsam Fir	Pulpwood	81	Cords		
	Mixed Aspen		1,245	Cords		
	<i>B. T. Aspen</i>		379	Cords		
	<i>Balsam Poplar</i>		10	Cords		
	<i>Quaking Aspen</i>		856	Cords		
	Mixed Hardwood		399	Cords		
	<i>Ironwood</i>		8	Cords		
	<i>Paper Birch</i>		48	Cords		
	<i>Red Maple</i>		5	Cords		
	<i>Sugar Maple</i>		330	Cords		
	<i>White Ash</i>		8	Cords		
	White Spruce		11	Cords		
2	Sugar Maple	Sawtimber	12.6	MBF	14.3	\$1,672.45
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Aspen		6	Cords		
	<i>B. T. Aspen</i>		6	Cords		
	Mixed Hardwood		185	Cords		
	<i>Beech</i>		11	Cords		
	<i>Ironwood</i>		12	Cords		
	<i>Paper Birch</i>		19	Cords		
	<i>Red Maple</i>		6	Cords		
	<i>Sugar Maple</i>		137	Cords		
	TOTAL:		36.5	MBF		
	TOTAL:		1,929	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: D.I. Rocky Route**

**Sale Number: 45-005-22 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 if marked with orange paint and when all surrounding Payment Units have been paid for.

### **2 - Timber Specifications**

#### **2.1 - Included Timber**

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

Within Payment Unit(s) 1, cut all deciduous trees that are two (2) inches or more at DBH and all conifer trees which are four (4) inches and up at DBH. Do not cut any cedar, oak, pine, hemlock, or yellow birch. Do not reach into cedar patches to remove other trees. Do not operate equipment or remove trees directly along rock ledges.

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

Within Payment Unit(s) 2, cut all trees that are two (2) inches or more at DBH, except cedar, oak, pine, hemlock, yellow birch, and trees marked with orange paint above and below stump height.

### **3 - Payments**

#### **3.3 - Pre-measured Sales**

##### **3.3.4 - Dividing payment units (7/14)**

Payment Unit(s) 1 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.

#### **3.4 - Damaged Timber**

##### **3.4.1 - Damaged timber (7/16)**

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings.

Within the Sale Area, if more than 10% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$500 per acre for all acreage within that specified portion of the Sale Area that was damaged. This does not include beech saplings or seedlings.

No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged 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 (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 double earthen berms at strategic locations. Stumps and brush must be placed along the remainder of the trail. Berms must also be placed at intervals of not over 50 feet and at all junctions. 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.

### 4.2 - 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. Contact the sale administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

#### 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. This applies only to Payment Unit 1.

##### 5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, Payment Unit(s) 2 shall be left with slash unevenly distributed. Processing of tree tops should be minimized and tops will be left intact as much as possible. Tops will be piled loosely and not run over by equipment. The sale administrator will direct the operator as to the size and frequency of piles. All other slash will be dispersed evenly throughout the sale.

#### 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

##### 5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 2, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 1. This restriction is because of bark slippage.

#### 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.

#### 5.2.22 - Operating Caution

##### 5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 1, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because of wet ground conditions. Especially in the south end of the Payment Unit.

#### 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 along Sheep Ranch Road without permission of the Unit Manager or his/her representative. Spur roads for decking and loading will be identified prior to operation.

#### 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 ATV Trail and ORV Route (Sheep Ranch Road) 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. No decking may occur along the ORV route without permission from the sale administrator. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the trail or route as the centerline. Do not run equipment down the ATV Trail. Skidding across the ATV trail may only occur in locations approved by the sale administrator.

#### 5.2.41 - Snowmobile trail protection (9/11)

Sheep Ranch Trail is a snowmobile trail 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 1. 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.

## 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 Sheep Ranch Trail 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 the 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 the ATV 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 Purchaser will provide these signs.

## TIMBER SALE MAP

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

Forest Management Unit Sault Ste Marie		County Chippewa	Mapped By Fanelli		Date 07/07/2022	Page 1	of 1
Township 42N; 42N	Range 07E	Section(s) and Subdivision(s) Sec 6: E1/2NW, N1/2NE, NESW; Sec 31 S1/2NW, E1/2SW, S1/2SE			Scale 1:15,840		
<b>Cover Type</b>				<b>Density</b>			
A = Aspen B = Paper Birch C = Cedar D = Treed Bog E = Swamp Hdwoods F = Spruce Fir G = Grass H = Hemlock J = Jack Pine L = Lowland Brush LM = Lowland Mixed M = Mpl, Bch, Brch MC = Mixed Conifer MD = Mixed Decidious N = Marsh O = Oak P = Lowland Poplar Q = Mixed Swamp Conifer R = Red Pine S = Black Spruce T = Tamarack U = Upland Brush UM = Upland Mixed V = Bog or Marsh W = White Pine X = Non Stocked Z = Water				0 = Non Stocked 1 = Seedling Sapling Poor 2 = Seedling Sapling Medium 3 = Seedling Sapling Well 4 = Pole Timber Poor 5 = Pole Timber Medium 6 = Pole Timber Well 7 = Saw Timber Poor 8 = Saw Timber Medium 9 = Saw Timber Well			

<b>PU</b>	<b>Acres</b>
<b>1</b>	<b>83.8</b>
<b>2</b>	<b>14.3</b>

## D.I. Rocky Route

**Compartment 16/17**  
**98.1 Acres**

