



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7142**

**SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on November 14, 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. GEMS Redo (45-010-22) / T42N, R06E, SEC. 1 , S1/2NE,SESW,NESE,SWSE.**

**T42N, R06E, SEC. 11, SENW,S1/2NE,SW,SE.**

**T42N, R06E, SEC. 12, SENW,W1/2NE,NESW,NWSE.**

**Chippewa County, Advertised Price \$37,232.35, 184.9 Acres, Aspen, N White Cedar.**

**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

D.I. GEMS Redo (45-010-22)

T42N, R06E, SEC. 1; T42N, R06E, SEC. 11; T42N, R06E, SEC. 12.

Chippewa County (Advertised Price \$37,232.35)

**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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>		<u>ADVERTISED PRICE</u>	
Sawtimber				
Red Maple	2.5	MBF	\$	43.00 / MBF
Pulpwood				
Balsam Fir	227	Cords	\$	5.65 / Cord
Balsam Poplar	452	Cords	\$	9.40 / Cord
Mixed Aspen	2,514	Cords	\$	9.40 / Cord
Mixed Hardwood	344	Cords	\$	8.05 / Cord
N. White Cedar	829	Cords	\$	3.90 / Cord
Paper Birch	53	Cords	\$	3.65 / Cord
Tamarack	5	Cords	\$	2.35 / Cord
White Spruce	344	Cords	\$	5.10 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 9.39 percent. There are an estimated 4,599 cords on this timber sale, plus or minus 432 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 \$1,861.62 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	10.2%
02	20.0%
03	12.5%
04	11.3%
05	14.6%
06	8.3%
07	23.1%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2025.

### **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.

<u>VOLUME</u>		<u>STATISTICAL RANGE IN CORDS</u>		
<u>TOTAL CUBIC FEET</u>	<u>TOTAL CORDS</u>	<u>PERCENT ERROR</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>
363,289	4,599	9.39%	4,167	5,030

## 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	46,438	588	25.29%	439	736
36	69,843	884	22.30%	687	1,081
37	48,064	608	31.65%	416	801
71	44,202	560	20.07%	447	672
712	102,673	1,300	13.60%	1,123	1,476
713	14,065	178	42.37%	103	253
714	38,004	481	35.36%	311	651
<b>TOTAL:</b>	<b>363,289</b>	<b>4,599</b>		<b>3,526</b>	<b>5,672</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
21	24.0	1	24.0
36	32.9	2	32.9
37	17.2	3	17.2
71	13.8	5	13.8
712	62.2	6	16.5
		7	45.7
713	10.1	5	10.1
714	24.7	4	24.7
<b>TOTAL:</b>	<b>184.9</b>		<b>184.9</b>

**DESCRIPTION OF TIMBER BY PU (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Balsam Fir	Pulpwood	23	Cords	24.0	\$3,794.50
	Balsam Poplar		117	Cords		
	Mixed Hardwood		184	Cords		
	<i>American Elm</i>		6	<i>Cords</i>		
	<i>Black Ash</i>		50	<i>Cords</i>		
	<i>Green Ash</i>		128	<i>Cords</i>		
	N. White Cedar		244	Cords		
	Paper Birch		11	Cords		
	White Spruce		18	Cords		
2	Balsam Fir	Pulpwood	12	Cords	32.9	\$7,455.20
	Balsam Poplar		35	Cords		
	Mixed Aspen		645	Cords		
	<i>Quaking Aspen</i>		645	<i>Cords</i>		
	N. White Cedar		199	Cords		
	White Spruce		43	Cords		
3	Balsam Fir	Pulpwood	16	Cords	17.2	\$4,668.50
	Balsam Poplar		35	Cords		
	Mixed Aspen		352	Cords		
	<i>Quaking Aspen</i>		352	<i>Cords</i>		
	N. White Cedar		126	Cords		
	Paper Birch		14	Cords		
	White Spruce		78	Cords		
4	Balsam Fir	Pulpwood	41	Cords	24.7	\$4,219.75
	Balsam Poplar		39	Cords		
	Mixed Aspen		335	Cords		
	<i>Quaking Aspen</i>		335	<i>Cords</i>		
	Mixed Hardwood		1	Cords		
	<i>Black Ash</i>		1	<i>Cords</i>		
	N. White Cedar		52	Cords		
	Tamarack		5	Cords		
	White Spruce		49	Cords		
5	Balsam Fir	Pulpwood	19	Cords	23.9	\$5,447.40
	Balsam Poplar		170	Cords		
	Mixed Aspen		202	Cords		
	<i>Quaking Aspen</i>		202	<i>Cords</i>		
	Mixed Hardwood		87	Cords		
	<i>American Elm</i>		7	<i>Cords</i>		
	<i>Basswood</i>		6	<i>Cords</i>		
	<i>Black Ash</i>		55	<i>Cords</i>		
	<i>Red Maple</i>		3	<i>Cords</i>		
	<i>Sugar Maple</i>		16	<i>Cords</i>		
	N. White Cedar		208	Cords		
	Paper Birch		28	Cords		
	White Spruce		45	Cords		
6	Red Maple	Sawtimber	0.7	MBF	16.5	\$3,091.10
	Balsam Fir	Pulpwood	31	Cords		
	Balsam Poplar		15	Cords		
	Mixed Aspen		260	Cords		
	<i>Quaking Aspen</i>		260	<i>Cords</i>		
	Mixed Hardwood		19	Cords		
	<i>Green Ash</i>	<i>Sawtimber</i>	0.4	<i>MBF</i>		
	<i>American Elm</i>	<i>Pulpwood</i>	4	<i>Cords</i>		
	<i>Green Ash</i>		12	<i>Cords</i>		
	<i>Red Maple</i>		2	<i>Cords</i>		
	White Spruce		29	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7	Red Maple	Sawtimber	1.8	MBF	45.7	\$8,555.90
	Balsam Fir	Pulpwood	85	Cords		
	Balsam Poplar		41	Cords		
	Mixed Aspen		720	Cords		
	Quaking Aspen		720	Cords		
	Mixed Hardwood		53	Cords		
	Green Ash	Sawtimber	1.2	MBF		
	American Elm	Pulpwood	11	Cords		
	Green Ash		35	Cords		
	Red Maple		5	Cords		
	White Spruce		82	Cords		
TOTAL:			2.5	MBF		
TOTAL:			4,768	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: D.I. GEMS Redo**

**Sale Number: 45-010-22 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 red paint, along with cover type changes. Exterior sale boundary lines against state are marked with red paint, with the exception of the Payment Unit 5 boundaries adjacent to recently harvested areas, which are unpainted and identified by the cover type change. Interior Payment Unit boundaries are marked with red 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.

### **2 - Timber Specifications**

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

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

Within Payment Unit(s) 1-7, cut all trees that are two (2) inches or more at DBH, including dead balsam fir. In addition, do not cut any hemlock, pine or oak.

### **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**

##### **4.1.4 - 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 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

#### **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 spring breakup or during wet weather conditions.

##### **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.

##### **4.2.4 - Grading (10/16)**

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bull dozer 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.

#### 4.4 - Access

##### 4.4.3 - Access gate (12/08)

The access gate must be locked at all times unless otherwise approved by the Unit Manager or his/her representative. 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

##### 5.2.2 - 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

###### 5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1-7, unless changed by written agreement, cutting, skidding, and hauling are not permitted during the period of September 15 to November 30. This restriction is because hunting season in the GEMS.

##### 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. Note: Dead balsam fir is Included Timber and is designated for cutting, as described in spec 2.1.1.

##### 5.2.22 - Operating Caution

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

It is recommended, but not required, that within Payment Unit(s) 1-7, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because of poorly drained soils.

##### 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)

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 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.

#### 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**

#### **6.2.2 - 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.

## **7 - Other Conditions**

### **7.5 - Loss**

#### **7.5.1 - Deteriorating timber (7/09)**

The sale area has received damage from spruce budworm and emerald ash borer. 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	Year
45-010-22	2022

Date	Page	of
09/19/22	1	1

Forest Management Unit Sault Ste. Marie	County Chippewa	Mapped By Brinks	Date 09/19/22
		Cruised By Brinks	Page 1
Township T42N	Range R06E	Section(s) and Subdivision(s) See below	Scale 1:15,840 1 inch= 1/4 mile

**Cover Type**

A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water
G = Grass	MD = Mixed Deciduous	T = Tamarack	

**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

**D.I. GEMS Redo**  
**184.9 Acres**  
**4773 Cords**

**Legend**

- Sale Boundary (Red / Unpainted)
- Payment Unit Boundary (Red)
- Two Track Road
- Areas Recently Harvested

Sec. 1- S1/2NE, SESW, NESE, SWSE  
Sec. 11- SENW, S1/2NE, SW1/4, SE1/4  
Sec. 12- SENW, W1/2NE, NESW, NWSE

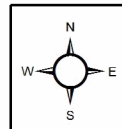
Unit 1- 24 ac  
Unit 2- 32.9 ac  
Unit 3- 17.2 ac  
Unit 4- 24.7 ac  
Unit 5- 23.9 ac  
Unit 6- 16.5 ac  
Unit 7- 45.7 ac

**46° 3.291' N**  
**83° 38.502' W**

← To Maxton Road

The Payment Unit 5 boundaries adjacent to recently harvested areas are unpainted and identified by the cover type change.

0 0.125 0.25 0.5 Miles



First Lake