



DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN

**TIMBER SALE PROSPECTUS #5876**

SCHEDULED SALE DATE AND TIME: 8:30 a.m. (local time) on April 26, 2017.

LOCATION: CRYSTAL FALLS MGT UNIT, 1420 US-2 WEST, CRYSTAL FALLS, MI 49920.

CONTACT NAME: Dan McNamee

PHONE NUMBER: (906) 875-6622

PROSPECTUS NOTE: \*\*\*PLEASE NOTE - BID OPENINGS ARE NOW HELD AT 8:30 A.M. (LOCAL TIME)\*\*\*

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

DNR Road SBW (12-067-16)

Iron County, Advertised Price \$51,299.35, 123.3 Acres, Aspen, Spruce/Fir/Tamarack.

SALE NOTE: The south half of Payment Unit 4 is a wet tamarack swamp. Prospective Purchasers are encouraged to evaluate this area for operability.

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. Bids must be at or above the following advertised price for each species:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Pulpwood		
Balsam Fir	366.00 Cords	\$ 11.65 / Cord
Mixed Hardwood	437.00 Cords	\$ 22.15 / Cord
Mixed Spruce	276.00 Cords	\$ 19.90 / Cord
Paper Birch	27.00 Cords	\$ 20.05 / Cord
Quaking Aspen	955.00 Cords	\$ 27.65 / Cord
Tamarack	408.00 Cords	\$ 12.05 / Cord

### **BOND AND PAYMENT SCHEDULE:**

1. A bond in the amount of \$3,100.00 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.
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2020.

**Description of Timber by Payment Unit (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Balsam Fir	Pulpwood	42.0	Cords	20.2	\$10,365.70
	Mixed Hardwood		368.0	Cords		
	Mixed Spruce		20.0	Cords		
	Quaking Aspen		48.0	Cords		
2	Balsam Fir	Pulpwood	124.0	Cords	30.6	\$12,606.05
	Mixed Hardwood		30.0	Cords		
	Mixed Spruce		12.0	Cords		
	Quaking Aspen		371.0	Cords		
3	Balsam Fir	Pulpwood	137.0	Cords	33.9	\$13,955.35
	Mixed Hardwood		32.0	Cords		
	Mixed Spruce		13.0	Cords		
	Quaking Aspen		412.0	Cords		
4	Balsam Fir	Pulpwood	36.0	Cords	30.9	\$10,471.65
	Mixed Hardwood		5.0	Cords		
	Mixed Spruce		149.0	Cords		
	Paper Birch		20.0	Cords		
	Quaking Aspen		60.0	Cords		
	Tamarack		408.0	Cords		
5	Balsam Fir	Pulpwood	27.0	Cords	7.7	\$3,900.60
	Mixed Hardwood		2.0	Cords		
	Mixed Spruce		82.0	Cords		
	Paper Birch		7.0	Cords		
	Quaking Aspen		64.0	Cords		
TOTAL:			2,469.0	Cords		

## Sale Specific Conditions & Requirements

Sale Name: DNR Road SBW

Sale Number: 12-067-16 Seq#: 2

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted boundaries (1/14)

The sale boundary and Payment Unit boundaries are marked and identified by blue and red paint. Exterior sale boundaries against private land are marked with blue paint. Exterior sale boundaries against state land are marked with double red paint dots. Interior Payment Unit boundaries are marked with double red paint slashes. Red painted trees designating an interior Payment Unit boundary may only be cut if the tree is a designated cut species, and when the adjacent Payment Unit has been paid.

### 2 - Timber Specifications

#### 2.1 - Included Timber

##### 2.1.2 - Clearcut unit(s) w/o unmerchantable trees (8/11)

Within Payment Unit(s) 1, cut all aspen, balsam, spruce, balsam fir, and red maple trees which meet minimum piece specifications in 2.2 Utilization (1 pulpstick tall and larger). Do not cut trees marked with orange paint.

Within Payment Unit(s) 2 and 3, cut all aspen, spruce, balsam fir, maple, jack pine, and tamarack trees which meet minimum piece specifications in 2.2 Utilization (1 pulpstick tall and larger). Do not cut trees marked with green paint.

Within Payment Unit(s) 4 - 6, cut all aspen, maple, white birch, spruce, balsam fir, and tamarack trees which meet minimum piece specifications in 2.2 Utilization (1 pulpstick tall and larger). Do not cut trees marked with green paint.

#### 2.2 - Utilization

##### 2.2.11 - Chipping restriction (9/14)

If chipping occurs on this sale, no woody debris present on the ground at the start of the sale may be chipped. Chip piles must be removed within 60 days of the sale expiration. In addition, after chip piles are removed, residual chip depth at the landing may not exceed 4 inches.

### 3 - Payments

#### 3.4 - Damaged Timber

##### 3.4.1 - Damaged timber (6/14)

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

### 4 - Transportation

#### 4.1 - Construction

##### 4.1.6 - Road construction (1/09)

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. Stumps shall be set upright, not left on edge, and be moved at least 5 feet away from the road edge, except along the DNR Road - see spec 5.2.41. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

##### 4.1.12 - No new roads (1/12)

No new roads will be permitted. Short landing spurs may be permitted if deemed necessary.

## 4.2 - Maintenance

### 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 may exceed 36 inches in height.

##### 5.2.1.11 - Slash for reforestation (5/07)

To facilitate reforestation, the sale area 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 (2/04)

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 and 4, unless changed by written agreement, cutting, skidding, and hauling are not permitted from March 1 to December 15. This restriction is due to wet ground.

Within Payment Units 2, 3, and 5, cutting, skidding, and hauling are not permitted from March 1 to May 15. This restriction is to avoid spring breakup conditions.

##### 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 DNR Road is a snowmobile trail as shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. Prior to December 1, the trail must be maintained and restored to a condition equal to or better than before logging operations. During the snowmobile season, a snow covered base must be left on the trail. No decking of forest products will be permitted along the snowmobile trail during the snowmobile season. The cleared shoulders of the DNR Road must be kept slash and stump free. Logging activity warning signs must be posted minimally 200 feet before the sale area at either end.

### 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.



# TIMBER SALE MAP

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

Sale Number	Year
12-067 -16-01	2016

Forest Management Unit <b>Crystal Falls</b>	County <b>Iron</b>	Mapped By <b>Rice</b>	Date <b>9/30/16</b>	Page <b>1</b>	of <b>2</b>
Township <b>44N</b>	Range <b>33W</b>	Section(s) and Subdivision(s) sec 10 N1/2NW sec 2 S1/2NE, N1/2SE, SESE, W1/2SW, SESW    sec 3 SE1/4, S1/2SW	Scale <b>4 inches = 1 mile</b>		

### Cover Type

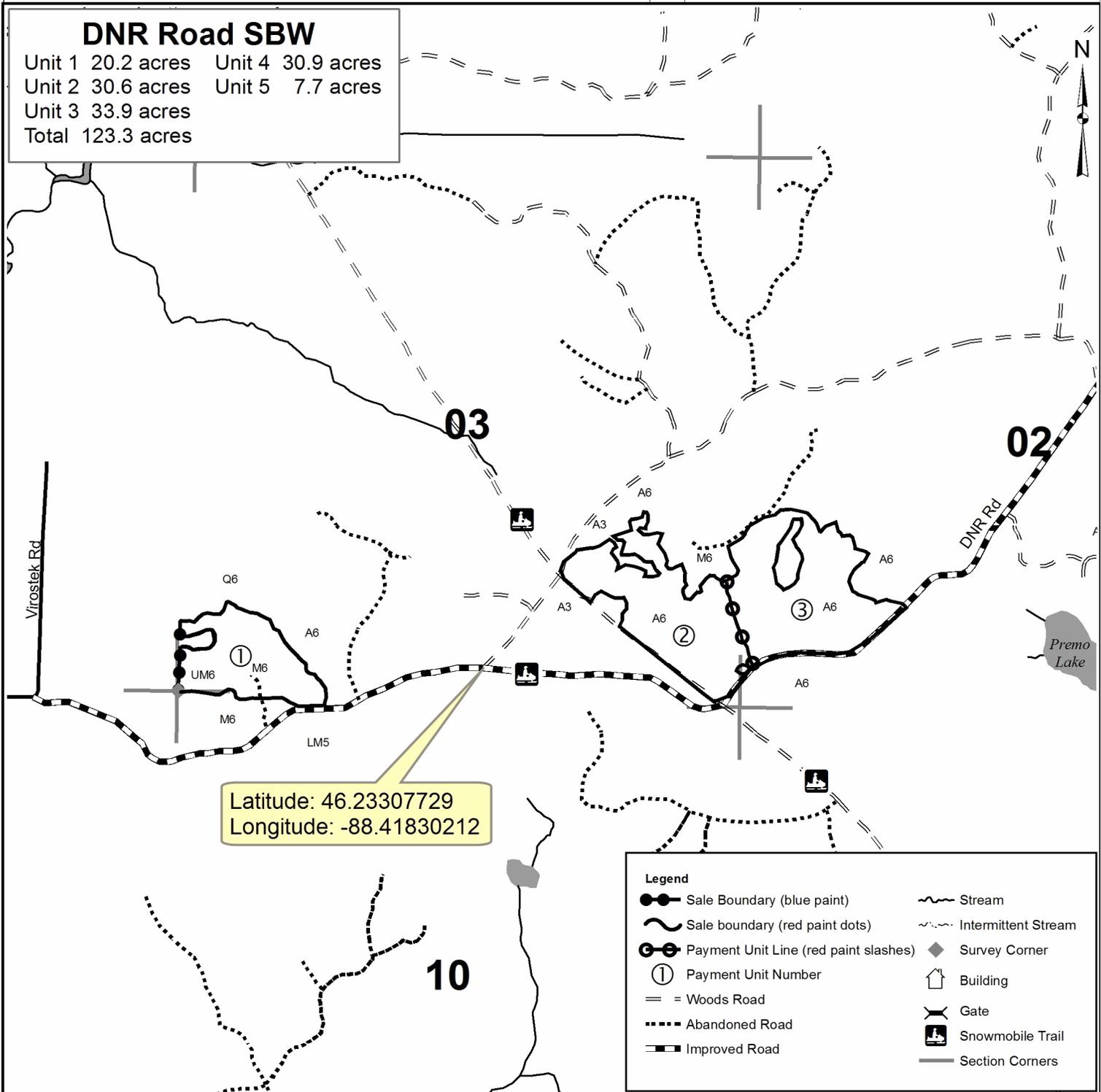
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked
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

## DNR Road SBW

Unit 1 20.2 acres	Unit 4 30.9 acres
Unit 2 30.6 acres	Unit 5 7.7 acres
Unit 3 33.9 acres	
<b>Total 123.3 acres</b>	



Legend	
	Sale Boundary (blue paint)
	Sale boundary (red paint dots)
	Payment Unit Line (red paint slashes)
	Payment Unit Number
	= Woods Road
	Abandoned Road
	Improved Road
	Stream
	Intermittent Stream
	Survey Corner
	Building
	Gate
	Snowmobile Trail
	Section Corners



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Forest Management Unit <b>Crystal Falls</b>	County <b>Iron</b>	Mapped By <b>Rice</b>	Date <b>9/30/16</b>	Page <b>2</b>	of <b>2</b>
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Latitude: 46.24128476  
Longitude: -88.38746744

