



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #5874**

SCHEDULED SALE DATE AND TIME: 8:30 a.m. (local time) on May 24, 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:

Toe Jam Mwr (12-005-17)

Dickinson County, Advertised Price \$30,278.75, 87.0 Acres, Aspen, Hardwood.

SALE NOTE: This sale is a RESEARCH STUDY PROJECT and has a narrow cutting period. Note that Unit 1 must have all stems marked with orange paint cut and all material 9" diameter outside bark MUST BE LEFT SCATTERED ON SITE. Unit 2 must have all stems 2" dbh and greater cut EXCEPT green painted trees AND ALL MATERIAL 9" DIAMETER OUTSIDE MARK MUST ALSO BE LEFT SCATTERED ON SITE. Unit 3 is a large group removal and all stems in the yellow painted boundaries plus orange marked trees between gaps must be cut; in addition, these tops must be chipped OR removed from the yellow boundary gaps. Operations for Units 2 & 3 are restricted to August 15-December 1, 2017. Operations for Unit 1 are restricted to December 1, 2017 to March 15, 2018. Successful bidder will receive a free/reduced extension on another sale (see spec 7.2.7).

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>
Sawtimber		
Basswood	44.80 MBF	\$ 106.00 / MBF
Red Oak	3.40 MBF	\$ 131.00 / MBF
Sugar Maple	31.90 MBF	\$ 284.00 / MBF
White Ash	11.00 MBF	\$ 35.00 / MBF
White Pine	3.40 MBF	\$ 31.00 / MBF
Pulpwood		
B. T. Aspen	82.00 Cords	\$ 22.10 / Cord
Basswood	260.00 Cords	\$ 7.20 / Cord
Mixed Hardwood	654.00 Cords	\$ 17.75 / Cord
Red Oak	14.00 Cords	\$ 10.15 / Cord
White Pine	7.00 Cords	\$ 14.25 / Cord

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

1. A bond in the amount of \$2,422.30 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 03/15/2018.

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	14.5	MBF	28.9	\$5,958.10
	Sugar Maple		7.0	MBF		
	White Ash		11.0	MBF		
	Basswood	Pulpwood	33.0	Cords		
	Mixed Hardwood		102.0	Cords		
	<i>Sugar Maple</i>		63.0	<i>Cords</i>		
	<i>White Ash</i>		39.0	<i>Cords</i>		
2	Sugar Maple	Sawtimber	21.8	MBF	29.5	\$16,036.30
	White Pine		3.4	MBF		
	B. T. Aspen	Pulpwood	82.0	Cords		
	Mixed Hardwood		441.0	Cords		
	<i>Red Maple</i>		131.0	<i>Cords</i>		
	<i>Sugar Maple</i>		310.0	<i>Cords</i>		
	White Pine		7.0	Cords		
3	Basswood	Sawtimber	30.3	MBF	28.6	\$8,284.35
	Red Oak		3.4	MBF		
	Sugar Maple	Pulpwood	3.1	MBF		
	Basswood		227.0	Cords		
	Mixed Hardwood		111.0	Cords		
	<i>Sugar Maple</i>		108.0	<i>Cords</i>		
	<i>White Ash</i>		1.0	<i>Cords</i>		
	<i>Yellow Birch</i>		2.0	<i>Cords</i>		
	Red Oak		14.0	Cords		
TOTAL:			94.5	MBF		
TOTAL:			1,017.0	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Toe Jam Mwr**

**Sale Number: 12-005-17 Seq#: 1**

### **1 - Sale Area**

#### **1.2 - Boundaries**

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

The sale boundary is marked and identified by red paint. Exterior sale boundary lines against state are marked with red paint. Interior sale boundaries are marked with yellow paint, designating patch cuts (this refers to Payment Unit 3). The painted boundary line trees (both yellow and red) are NOT Included Timber and are to be protected.

### **2 - Timber Specifications**

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

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

Within Payment Unit(s) 3, cut all trees that are two (2) inches or more at DBH within designated patch-cut areas (bounded by yellow paint). Yellow painted boundary trees are not to be harvested. The total area of the patch cuts is 12.5 acres with patches ranging from 1/3 acre to 1 acre. 20 patch cut areas are located within the 30 acre treatment area bounded by red paint. No trees will be harvested outside of the designated patch cut areas unless marked with orange paint. These trees were marked to create skid trails between the patch cuts.

##### **2.1.3 - Cut tree marked unit(s) (12/08)**

Within Payment Unit(s) 1, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

##### **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 trees marked with green paint above and below stump height.

#### **2.2 - Utilization**

##### **2.2.2 - Chipping required (5/14)**

Payment Unit 3 must be chip harvested to facilitate follow-up scarification. Products may be produced as roundwood and forwarded to decking areas in final product length, but the tops must be left intact and skidded to the landing for chipping. If market conditions limit the practicality of chipping, the producer may skid all remaining topwood out of these yellow painted patch cut areas and scatter in locations approved by the sale administrator. Chipping or slash removal must be completed by March 15th 2018. If the deadline is not met, damages will be collected at a rate determined by the cost for the Department to hire a contractor to complete this specification. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter does not apply (G. C. & R. 2.2). This is due to the research nature of these units.

##### **2.2.3 - Stump heights (4/07)**

Stump heights within Payment Unit(s) 3 shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH. A written waiver of this requirement may be obtained if snow levels make these heights unobtainable.

##### **2.2.8 - Utilization and removal (5/14)**

In Payment Units 1 and 2, all slash less than nine inches (<9") top diameter outside bark (DOB) at the small end may NOT be removed from the sale area, e.g. tops. These tops are to be left intact where they fall with branches remaining upright.

In Payment Unit 3, all slash and all forest products meeting standards set forth in General Condition and Requirement 2.2 - Utilization must be removed from the unit. The slash must be chipped unless another option is negotiated with the Unit Manager or their representative to reduce, eliminate, and/or disperse the slash into the surrounding area. Chipping or slash removal must be completed by March 15th 2018. This is because of the research nature of this project.

### **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 undesignated live merchantable trees which are cut or injured. No damage is acceptable to residual 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, or at a rate of \$50 per sawtimber tree and \$5 per pole sized tree, whichever is greater.

## 4 - Transportation

### 4.1 - Construction

#### 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. Contact the sale administrator for specific details of design and placement.

### 4.3 - Public Right-of-Way

#### 4.3.2 - County R-O-W (12/06)

The county must be contacted prior to operations along the county road R-O-W. This applies to Payment Unit 1 and Aimone Road.

## 5 - Operations

### 5.1 - Notification

#### 5.1.1 - Pre-sale conference (10/16)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

### 5.2 - Conduct of Operations

#### 5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1, unless changed by written agreement, cutting and skidding is limited to the period of December 1st 2017 to March 15th 2018. This restriction is to meet the requirements of a silviculture research project.

Within Payments Units 2 and 3, unless changed by written agreement, cutting, skidding and hauling is limited to the period from August 15th 2017 to December 1st 2017. This restriction is due to the requirements of a silviculture research project AND to avoid conflict with the snowmobile trail.

### 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.

## 7 - Other Conditions

### 7.2 - Extensions

#### 7.2.2 - No extensions (3/09)

There will be no extensions granted on this contract. The purpose of this sale is a research project studying northern hardwood regeneration.

#### 7.2.7 - Research extension (12/16)

This is a research sale with a short contract length. The sale must be harvested promptly. One (1), twelve (12) month extension can be applied to one (1) other State Forest Timber Sale Contract owned by the purchaser or owned by one (1) designated sub-contractor of the Purchaser that works this contract. To qualify, the contract expiration date of the contract to be extended must be within twelve (12) months from the issue date of this contract. If this is the first extension on the other State Forest Timber Sale Contract, then the 5% extension fee will be waived. If this is an additional extension, the 10% fee will be reduced to 5%. The salvage extension must be used before this contract is closed-out. This specification does not alleviate the purchaser from any contractual obligations of the extended State Forest Timber Sale Contract. Per General Condition & Requirement 7.2, extensions are at the sole discretion of the DNR.

**TIMBER SALE MAP**

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

Sale Number

12-005

Year

2017

Forest Management Unit

Crystal Falls

County

Dickinson

Mapped By

D Goupell

Cruised By

D Goupell

Date

1/25/2017

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of

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Township

44N

Range

27/28W

Section(s) and Subdivision(s)

R27 Sec 18: W1/2SW  
R28 Sec 13: E1/2SE Sec 26: E1/2SW Sec 5: SE1/4

Scale

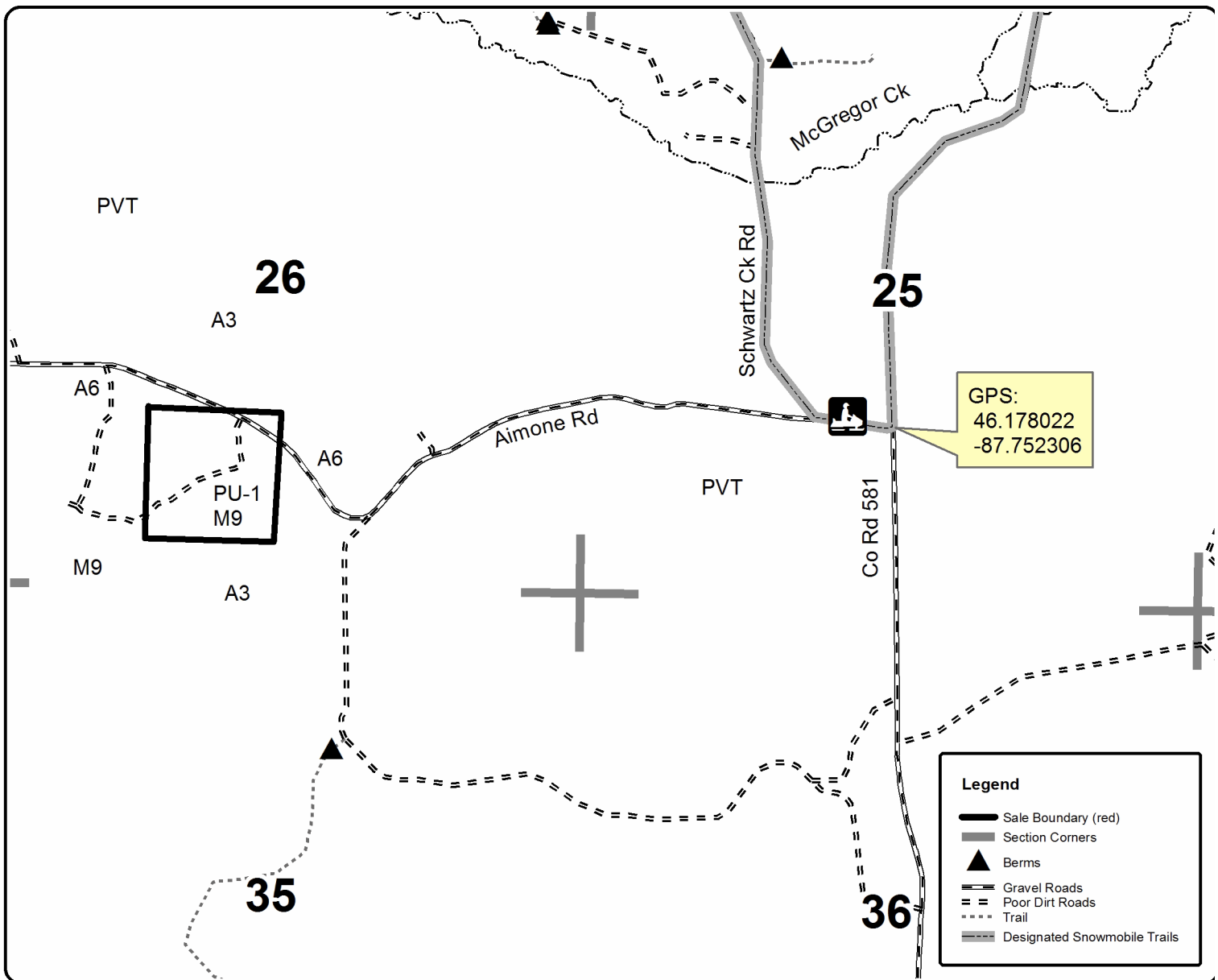
1:15,840

**Cover Type**A = Aspen  
B = Paper Birch  
C = Cedar  
D = Treed Bog  
E = Swamp Hdwoods  
F = Spruce Fir  
G = GrassH = Hemlock  
J = Jack Pine  
L = Lowland Brush  
LM = Lowland Mixed  
M = Mpl, Bch, Brch  
MC = Mixed Conifer  
MD = Mixed DeciduousN = Marsh  
O = Oak  
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R = Red Pine  
S = Black Spruce  
T = TamarackU = Upland Brush  
UM = Upland Mixed  
V = Bog or Marsh  
W = White Pine  
X = Non Stocked  
Z = Water**Density**0 = Non Stocked  
1 = Seedling Sapling Poor  
2 = Seedling Sapling Medium  
3 = Seedling Sapling Well  
4 = Pole Timber Poor5 = Pole Timber Medium  
6 = Pole Timber Well  
7 = Saw Timber Poor  
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9 = Saw Timber Well**PU Acres**

- 1 28.9 -- selection  
2 29.5 -- seed tree  
3 28.6 -- group selection

## Toe Jam MWR

Compartments 15, 18, 34  
87 Acres



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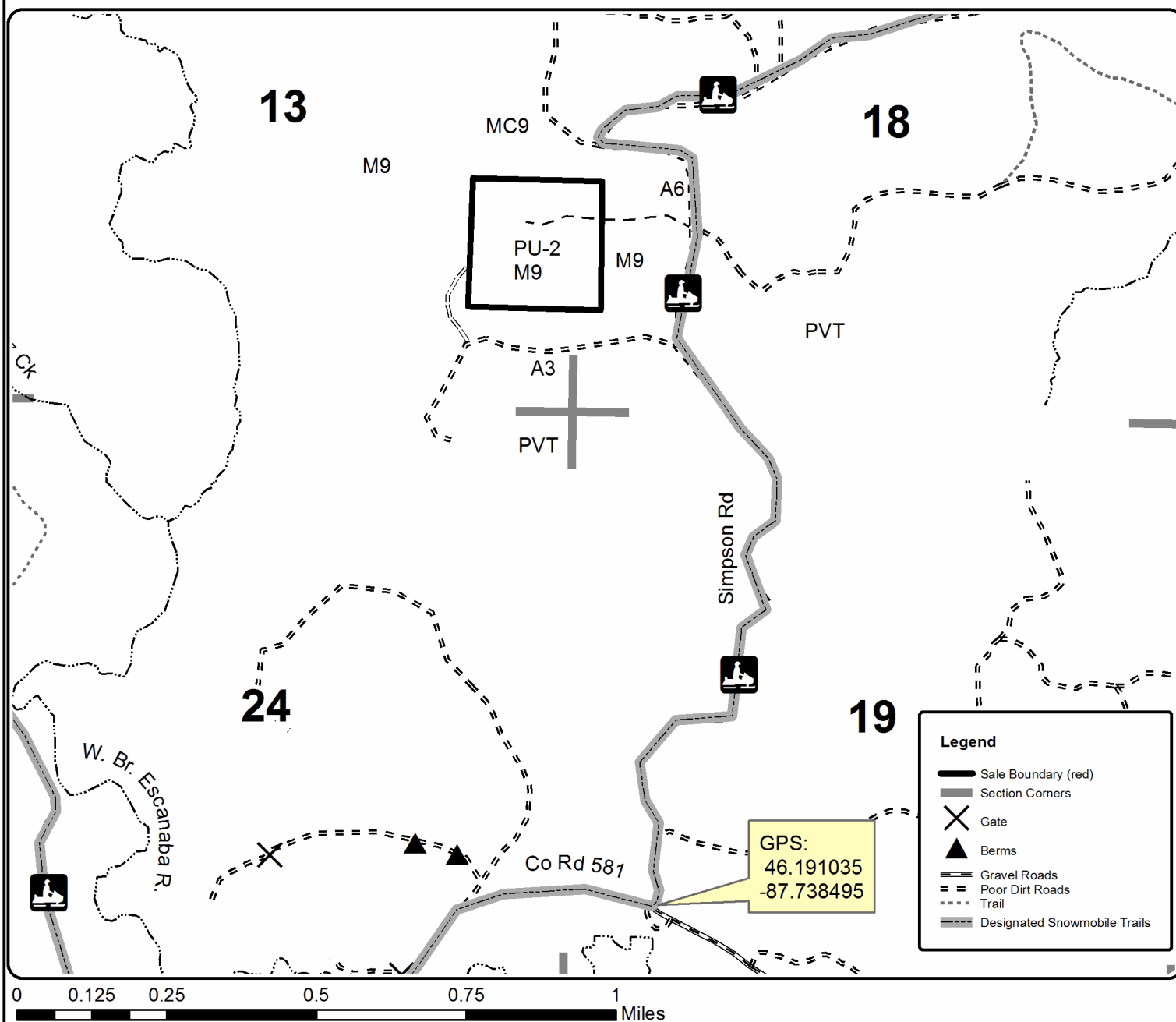
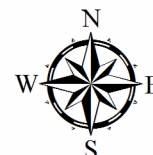
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